

9370, 9380, and 9390 Tractor

Parts Catalog

Bur 7-1252

Reprinted



9370, 9380, and 9390 Tractor Parts Catalog

Bur 7-1252



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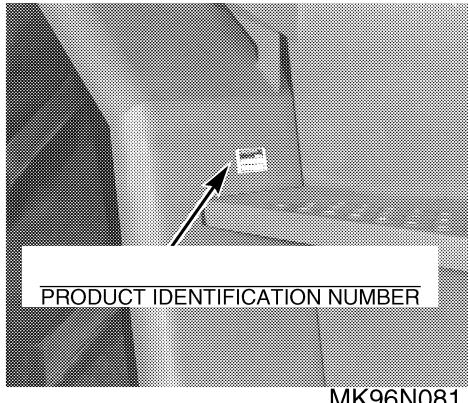


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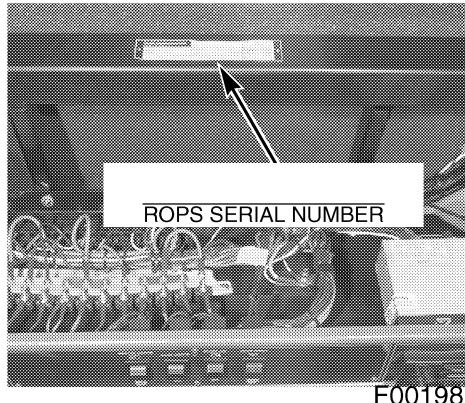
The 9370 and 9380 units first became available June, 1995.
The 9390 unit first became available January, 1997.

LOCATION OF SERIAL AND PRODUCT IDENTIFICATION NUMBERS

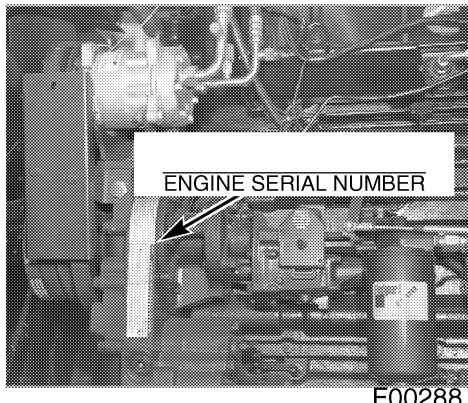
Please use the horizontal lines provided to record these important serial numbers and product identification number.



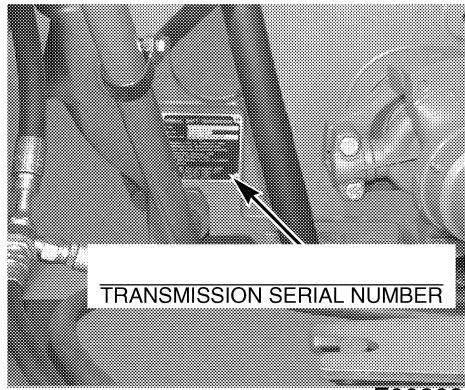
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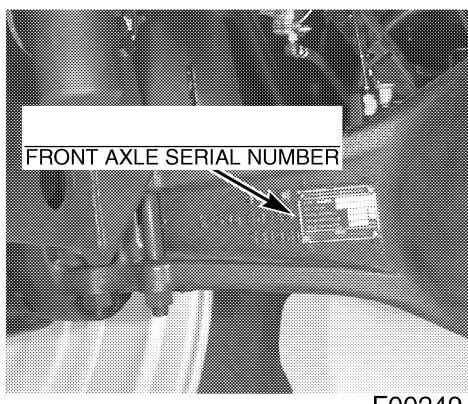
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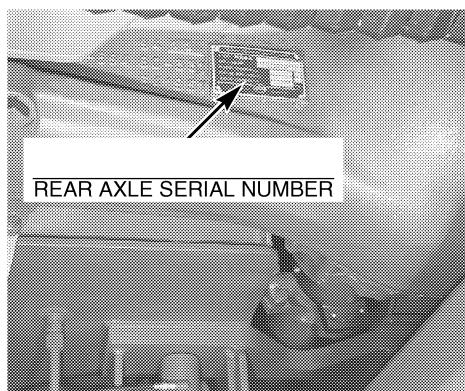
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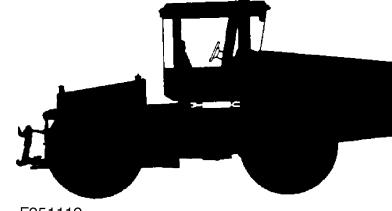
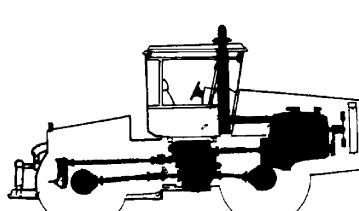


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GENERAL INFORMATION

Indexes

Section 1 of this catalog contains a SN and P.I.N. location guide, alphabetical index, pictorial index of the sections included, and pictorial index(es) for quick location of hoses and tubes (and other system components in some catalogs). An alphabetical index also appears at the beginning of each section. Section 10 is the Numerical Index which lists all part numbers in alpha/numeric order with their page location and reference number.

Illustrations

The arrangement of this parts catalog is for easy identification of parts. All parts are illustrated in "exploded views" in proper relation to each other. Reference numbers used in the illustrations refer to those on the text pages. The text pages list reference number, part number, part description and the quantity required.

Abbreviations

P.I.N. "Product Identification Number"

SN "Serial Number"

NSS "Not Serviced Separately" in the part number column indicates this part is not available for service.

REF "Reference" in the part number column indicates this part has special service information. The page where this information can be found is given in the part description column.

UAR "Use As Required" in the quantity required column indicates the number of parts used is determined by service needs.

Right-Hand and Left-Hand Identification

The reference to right-hand and left-hand in this catalog is identified by the operator standing at the rear of the basic unit (without rear attachment), looking toward the front of the machine (in normal forward travel). For pages covering any machine attachments, right-hand and left-hand are defined by the operator sitting in the position for proper operation of the attachment.

Catalog Revisions and Supplements

Changes to the product may make it necessary to revise or add pages to this catalog. A cover sheet will list all pages released in a revision or supplement. Each new or revised page will have a new issue date. All revised and new pages must be put into the parts catalog as soon as they are received.

Parts Orders

Orders must specify product model, all necessary serial numbers, correct part number, complete description, quantity required, method of shipment, and shipping address.

Text Format Explanation

An assembly may contain service items. The component parts of an assembly or subassembly are indented. The quantity required column lists the number of assemblies required for a completed machine, and the number of components required in a complete assembly or subassembly.

The example below illustrates the use of indents and other text page elements explained on this page.

HYDRAULIC FILTER

REF.	PART NO.	DESCRIPTION	REQ'D.
1	D4356734	FILTER ASSEMBLY - hydraulic oil, P.I.N. 7534840 and after	1
	D61903	HEAD ASSEMBLY - filter	1
2	NSS	HEAD - filter, order D61903 head assembly	1
3	D58199	VALVE - bypass	1
	D43800	KIT - filter element, replaces D35700 element kit	1
4	NSS	ELEMENT - filter, order D43800 element kit	1
5	A27994	O-RING - filter	1
6	D61948	HOUSING -filter	1
7	REF	CANOPY - ROPS, order from Machinery Price List	1
8	843065C1	HOSE - 3353 mm (132 inch) long, reservoir to pump	1
9	113-323	BOLT - hex, 7/16 NC x 1-3/4 inch	2
10	814-8030	BOLT - hex, 8 - 1.25 x 30 mm	4

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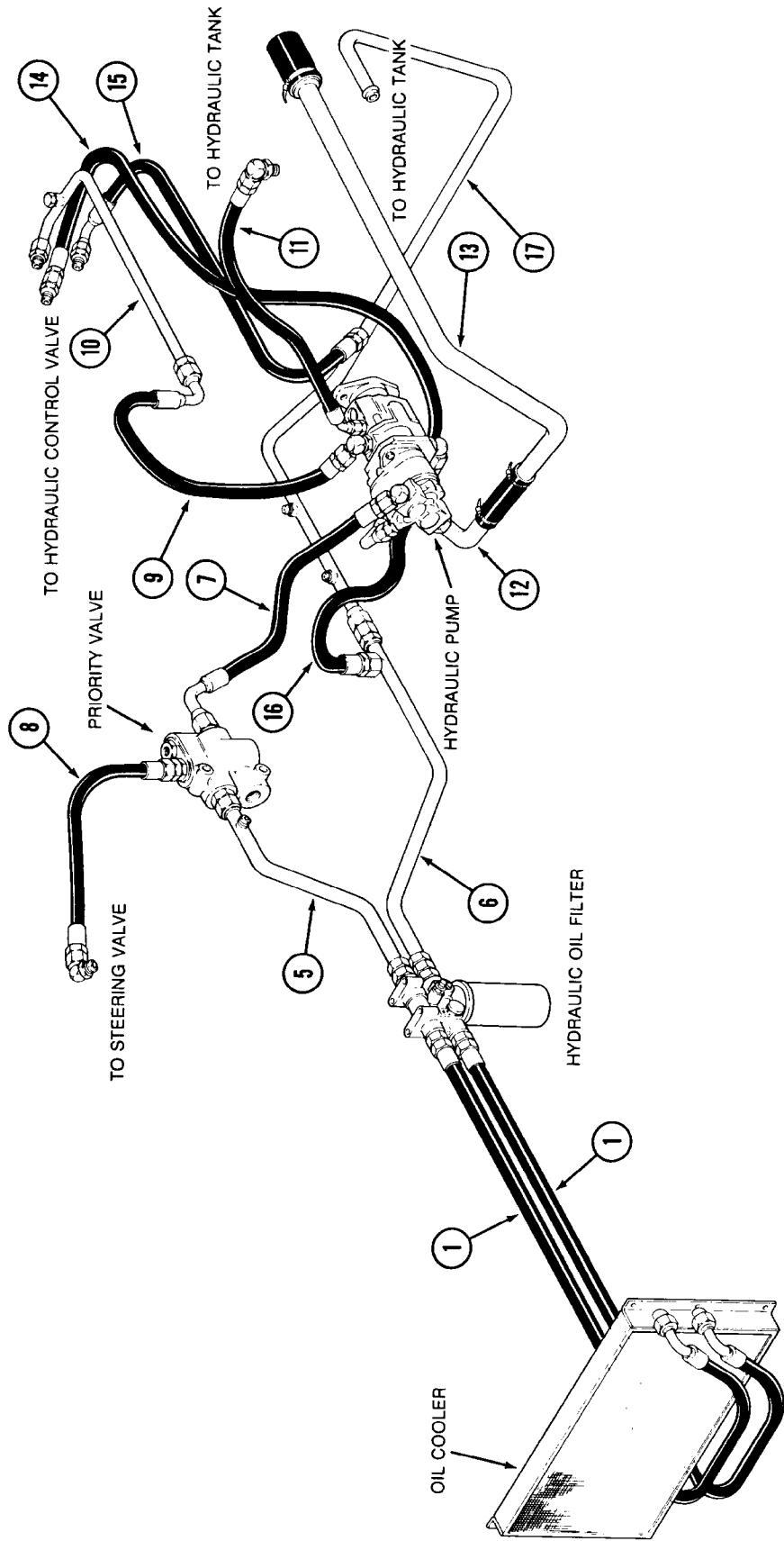
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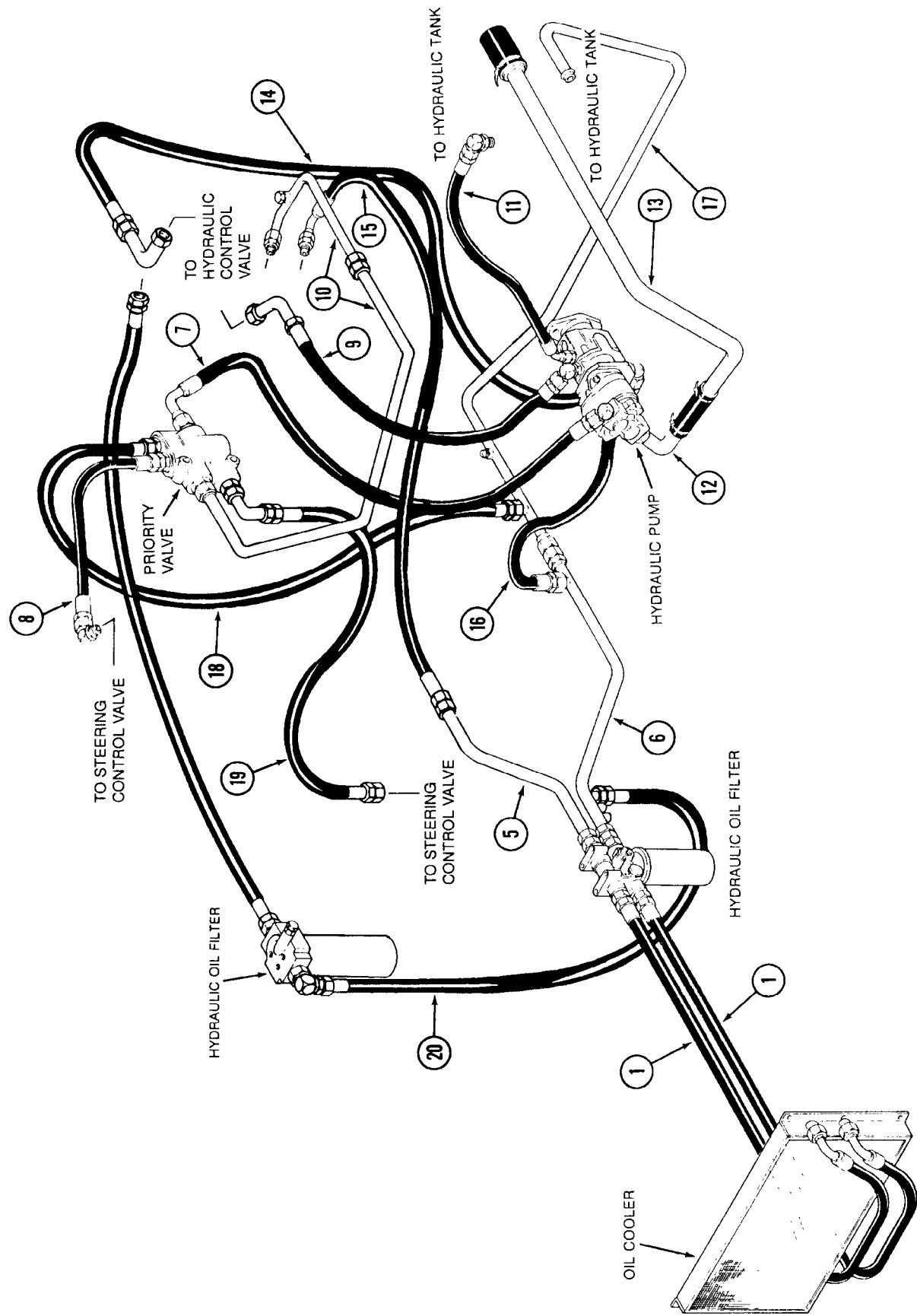
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9370 and 9380 Only

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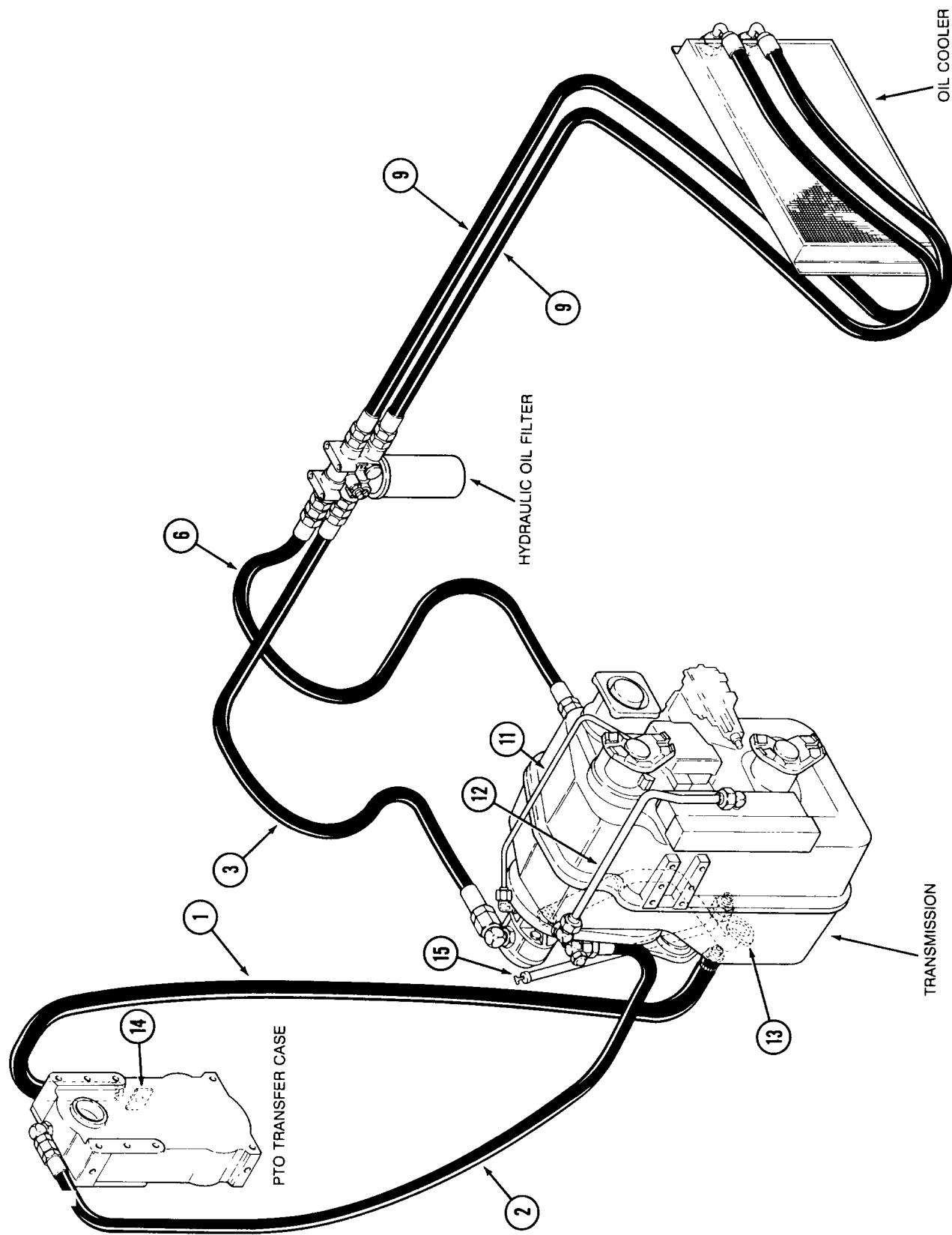


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*HIGH OUTPUT MAIN HYDRAULICS

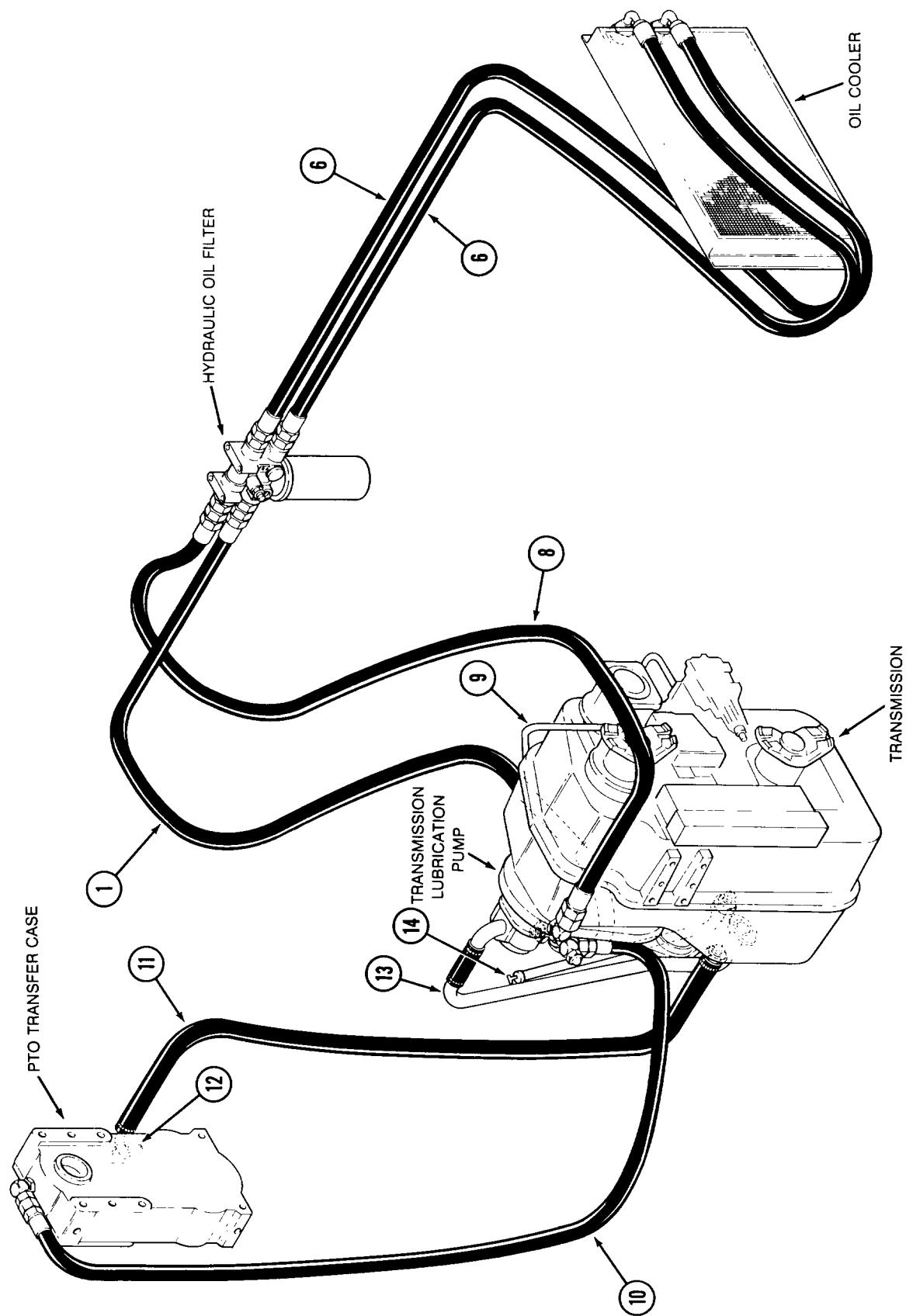
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***NOTE:** The High Output hydraulic system is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.



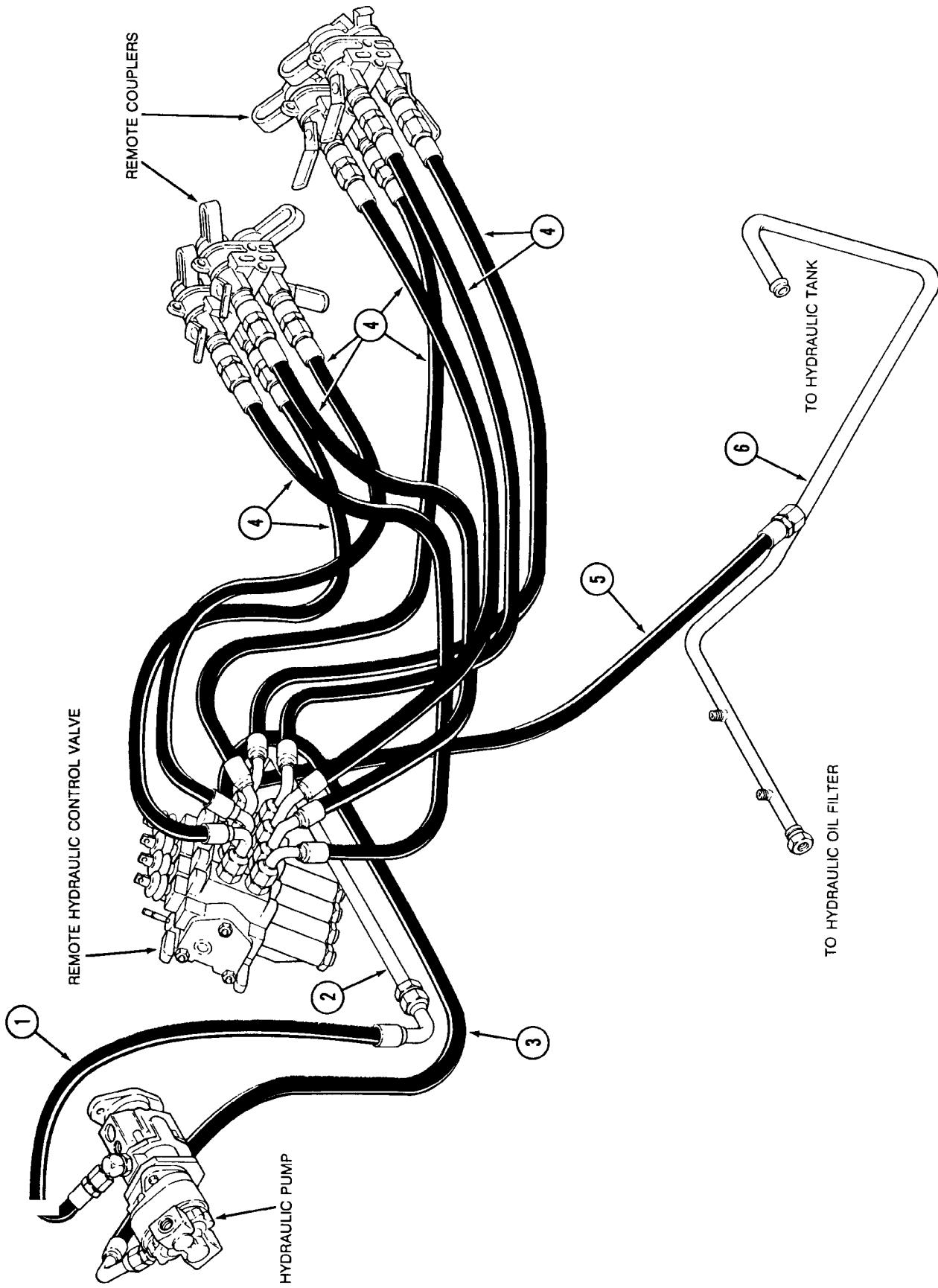
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9370 and 9380 Power Shift Tractor Only

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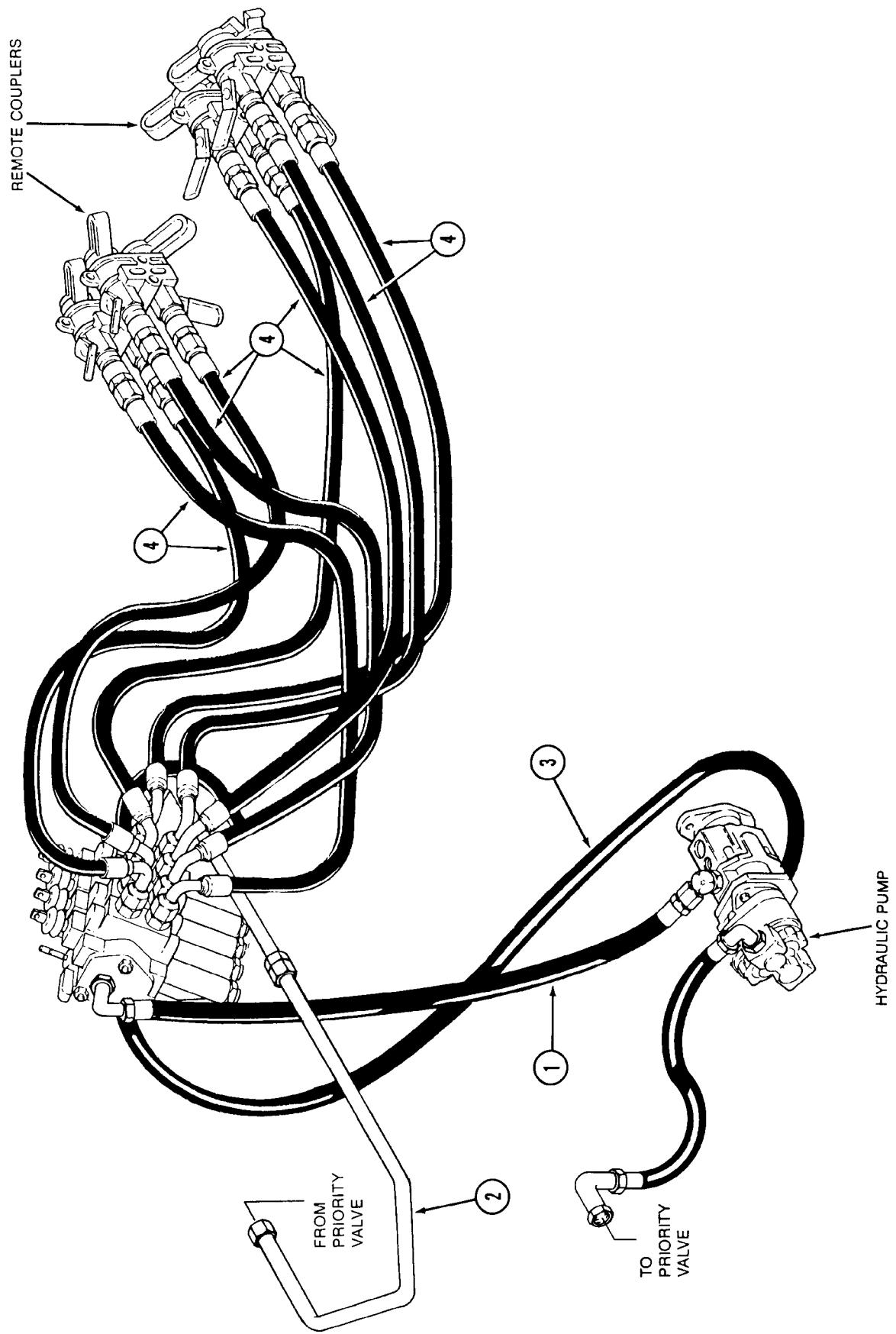
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LUBRICATION HYDRAULICS
9370 and 9380 SynchroShift Tractor Only

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9370 and 9380 Only

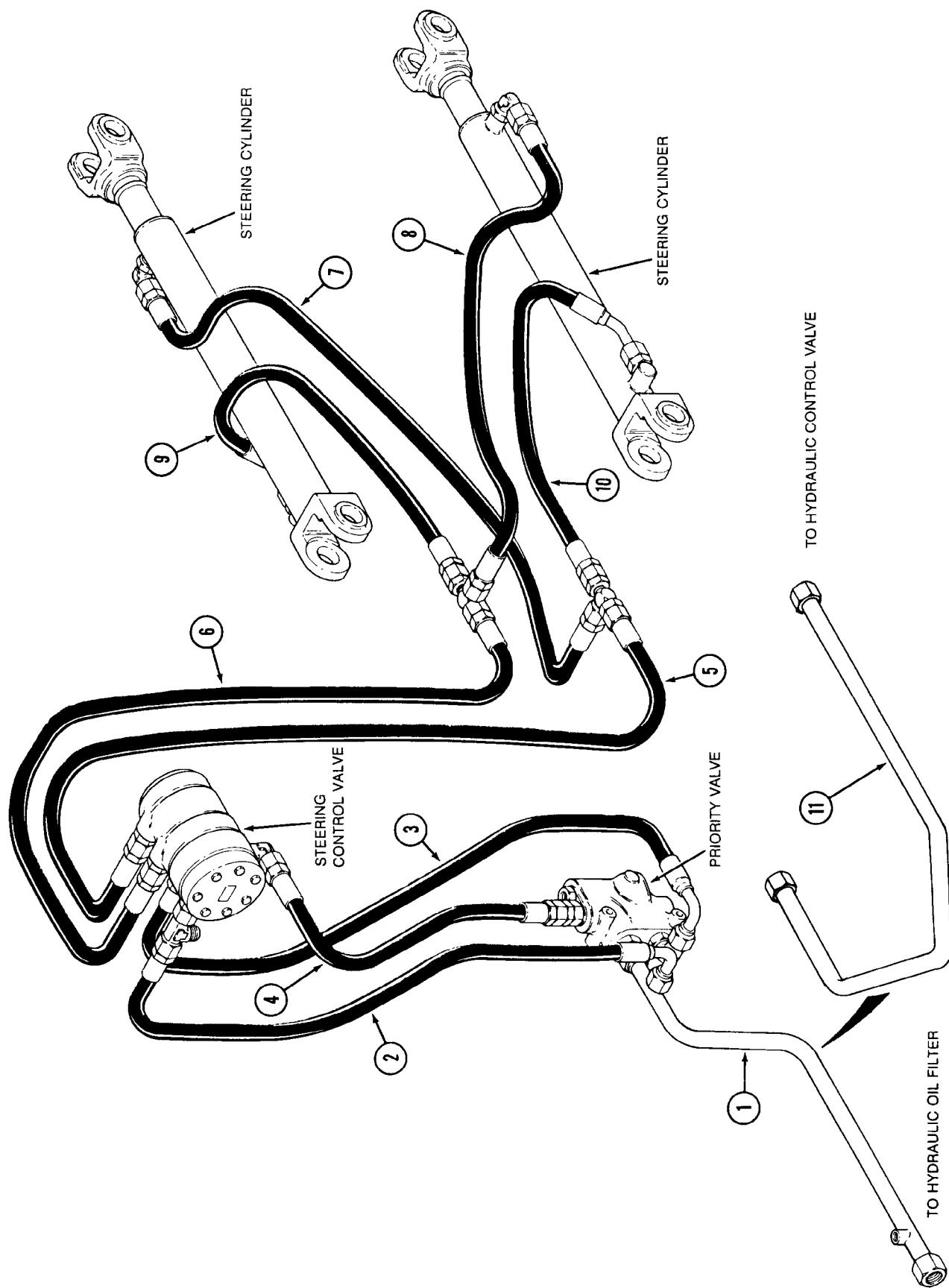
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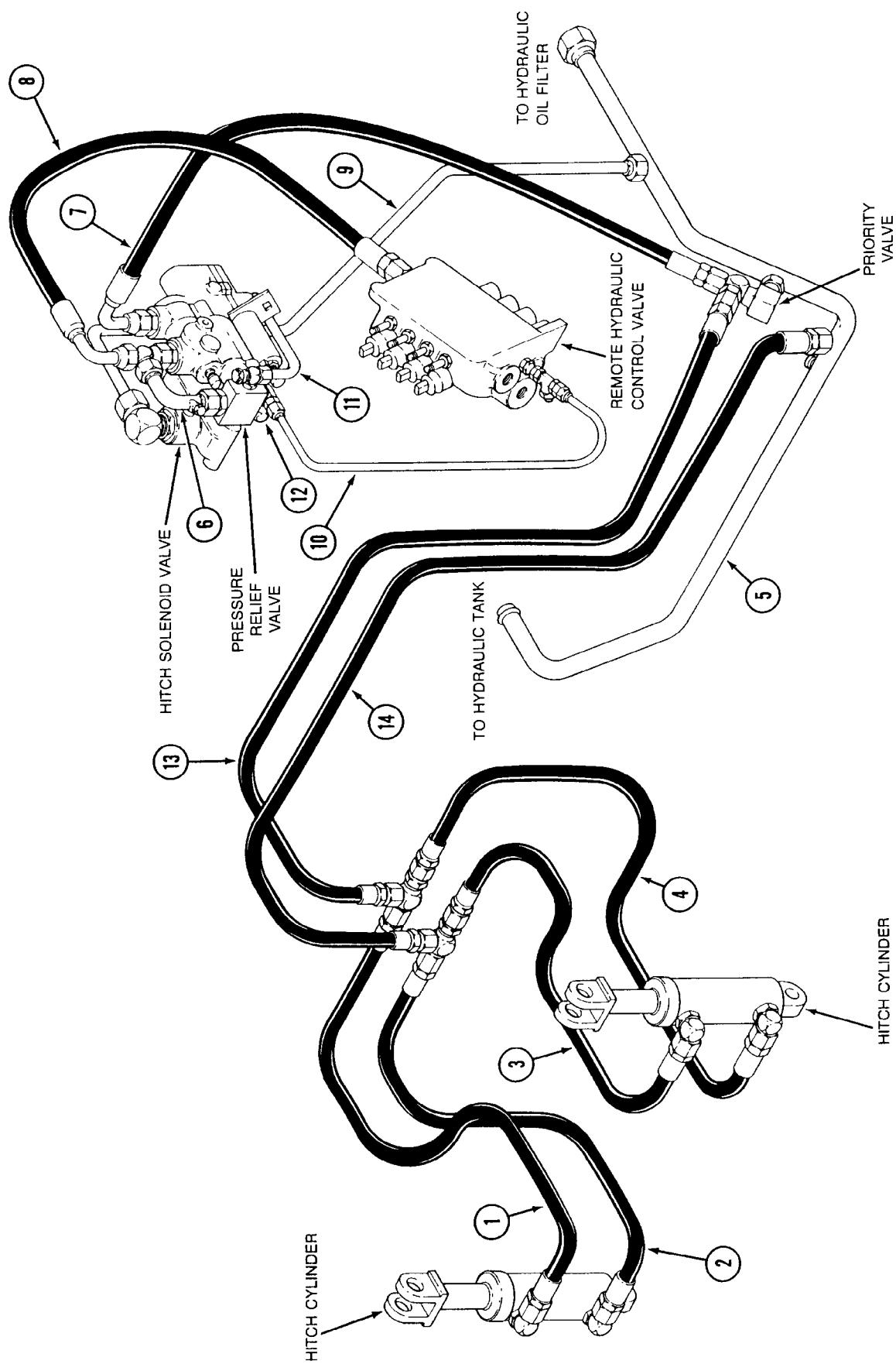
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***NOTE:** The High Output hydraulic system is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.



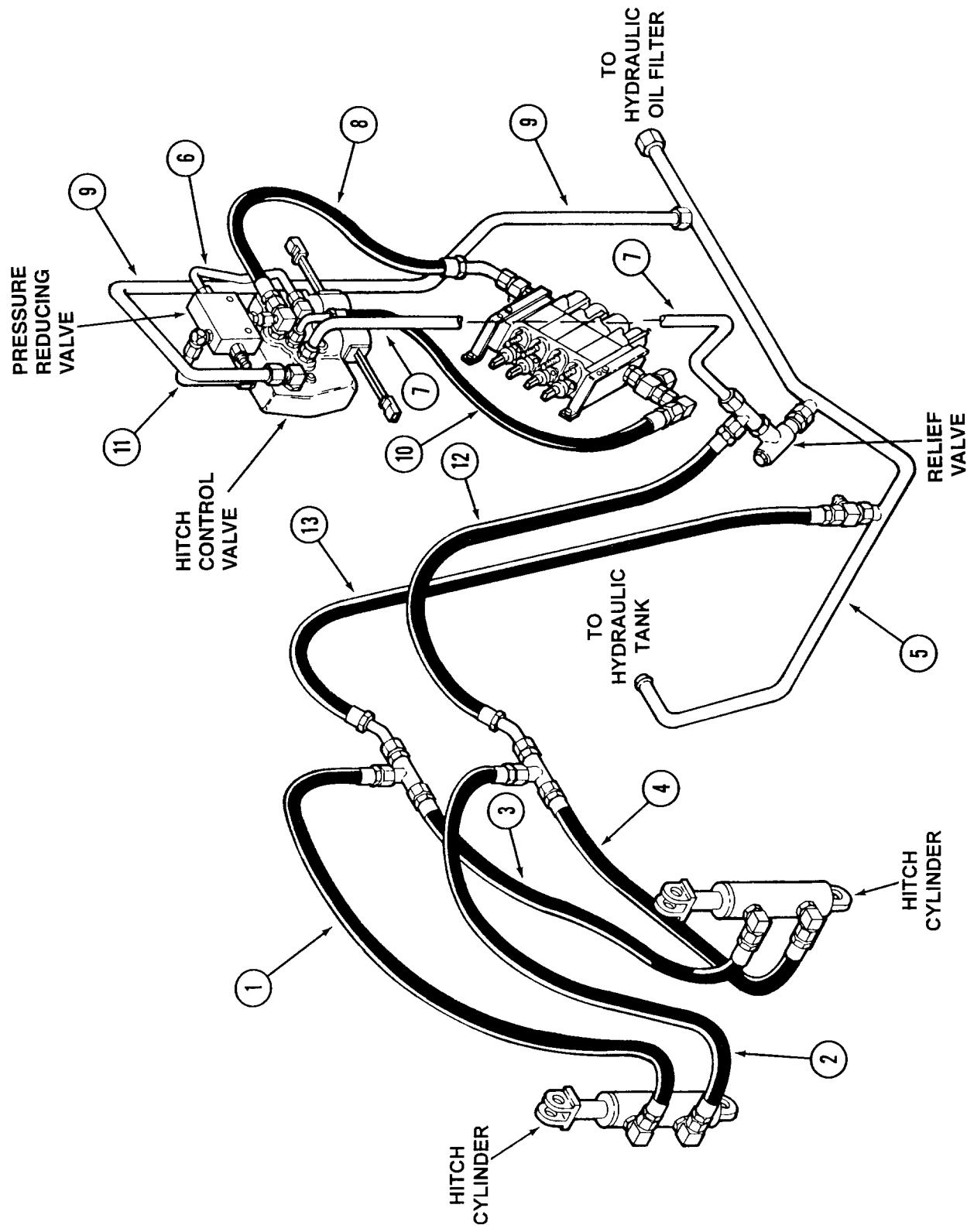
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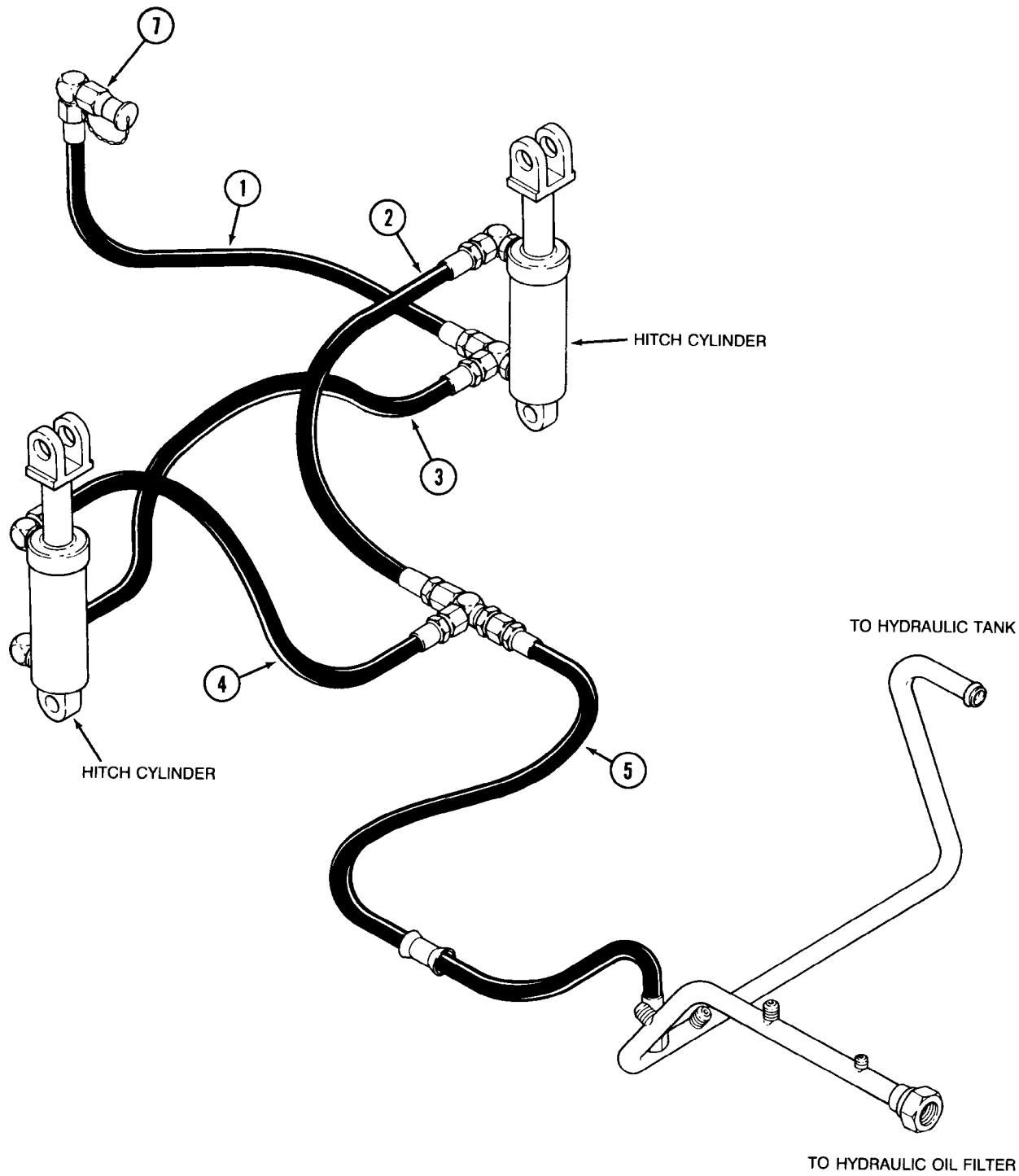
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ELECTRONIC CONTROLLED HITCH HYDRAULICS
P.I.N. JEE0069665 and After

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1	Left-Hand Hitch Cylinder Drain Hose.....	8-87
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3	Right-Hand Hitch Cylinder Drain Hose	8-87
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7	Hitch Cylinder Supply Hose.....	8-85
8	Hitch Solenoid Valve Supply Hose	8-85
9	Hitch Solenoid Valve Drain Tube	8-85
10	Hitch Hydraulic Pressure Sensing Hose	8-85
11	Pressure Reducing Valve Drain Tube	8-85
12	Hitch Cylinder Supply Hose.....	8-87
13	Hitch Cylinder Drain Hose.....	8-87



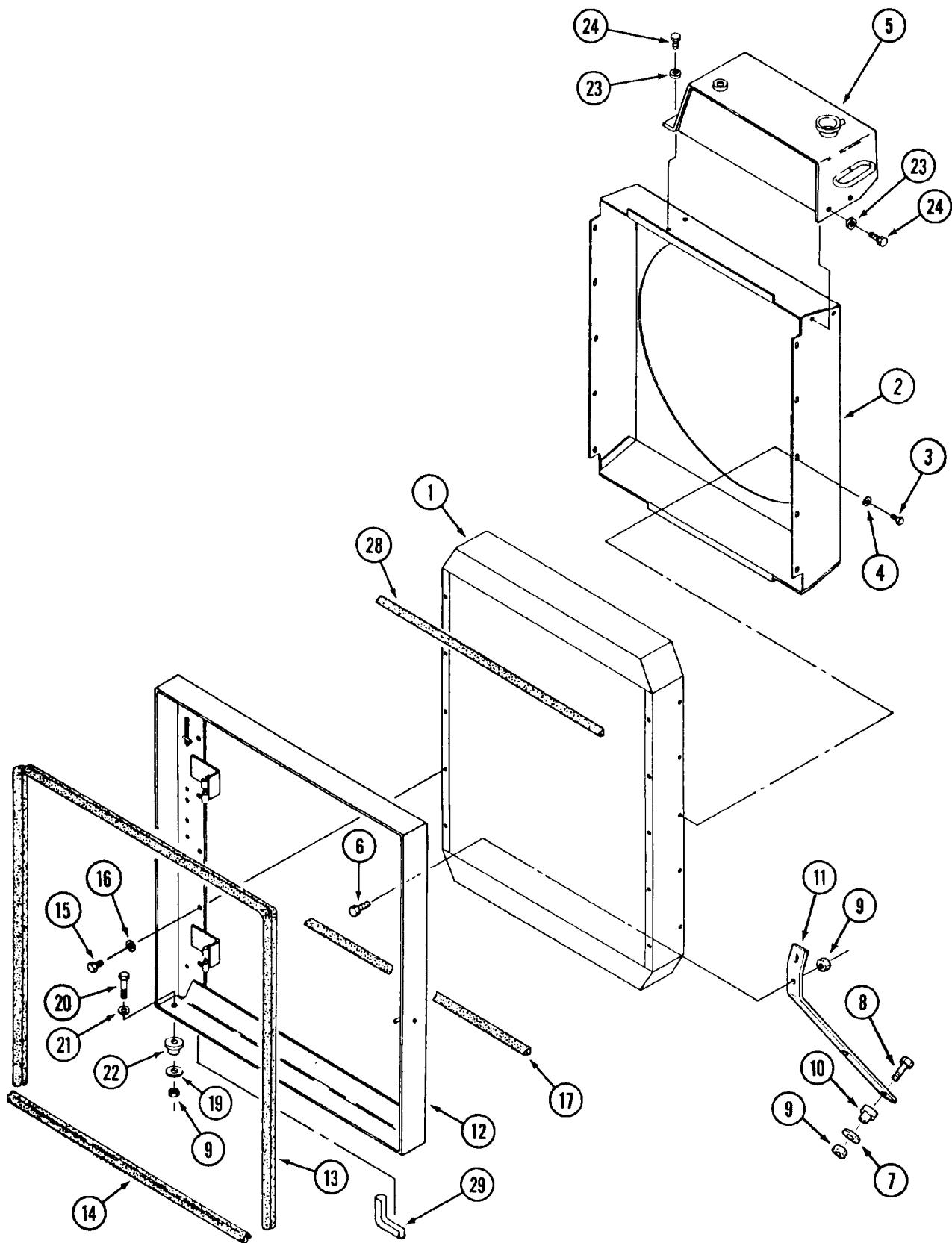
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1	Hitch Cylinder Supply Hose	8-89
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3	Left and Right Cylinder Supply Hose.....	8-89
4	Right Hitch Cylinder Drain Hose	8-89
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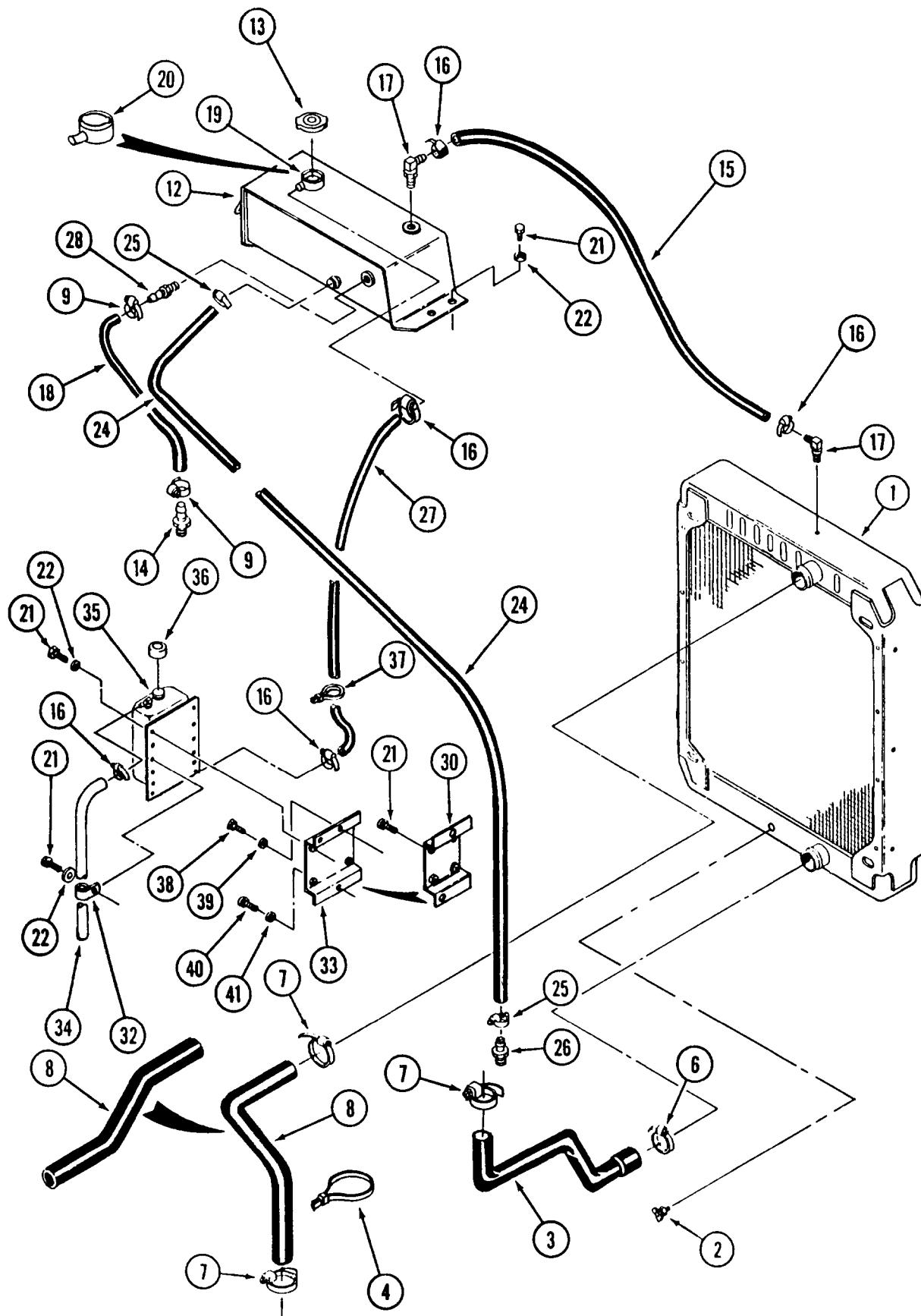
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9370, 9380, and 9390 Tractor
RADIATOR MOUNTING AND SHROUD
9370 and 9380 Only

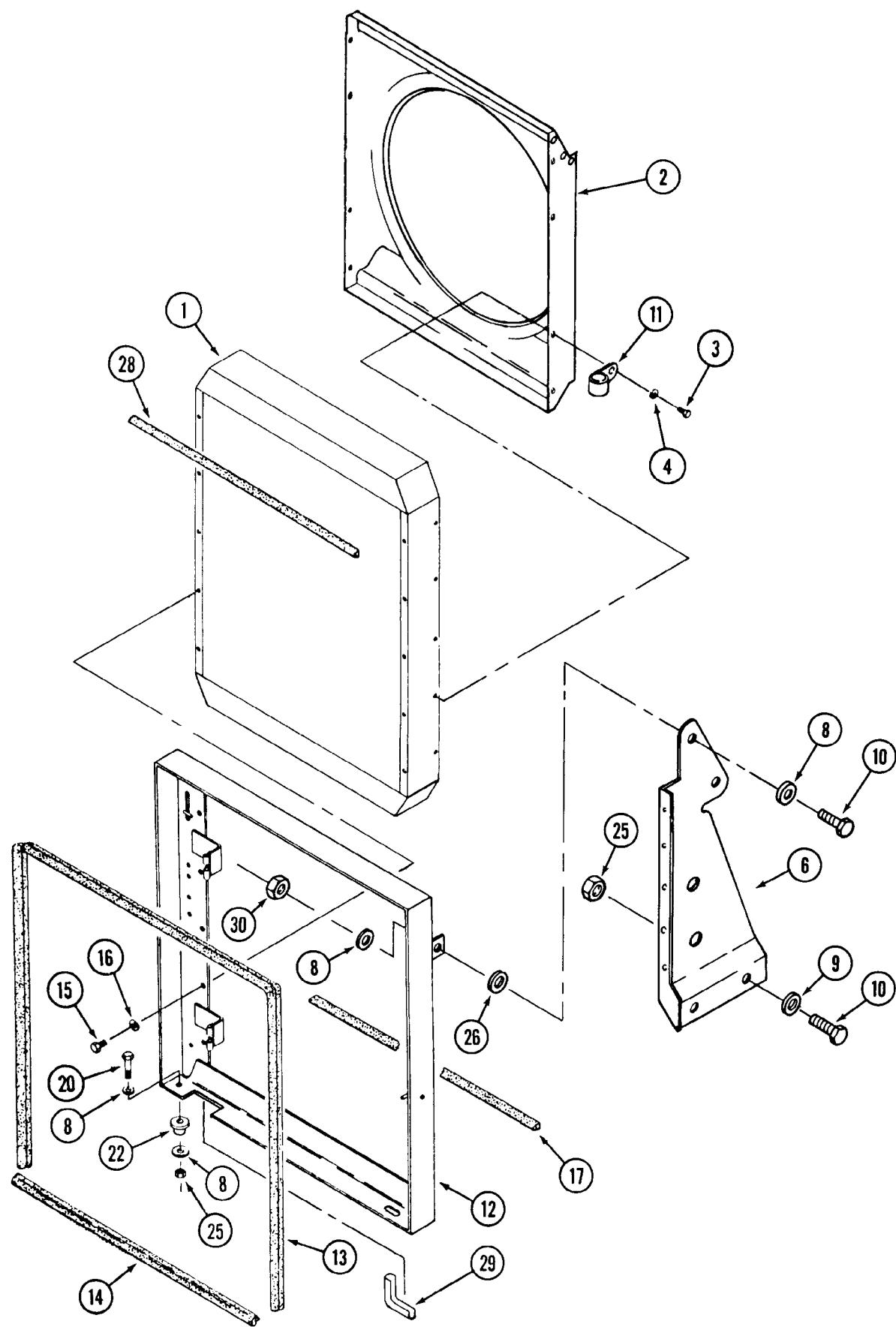
2-3

REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-8369T1	RADIATOR - engine cooling, 9370 tractor, replaces 90-7675T1 radiator	1
1	90-8263T1	RADIATOR - engine cooling, 9380 tractor, replaces 90-7674T1 radiator	1
2	90-7680T1	SHROUD - fan, prior to P.I.N. JEE003660	1
2	90-8363T2	SHROUD - fan, P.I.N. JEE003660 and after	1
3	426-410	BOLT - hex, 1/4 NC x 5/8 inch, grade 8	10
4	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch	10
5	90-7701T1	TANK - fill, radiator, see page 2-5 for service parts	1
6	426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	2
7	19-961	WASHER - flat	2
8	426-836	BOLT - hex, 1/2 NC x 2-1/4 inch, grade 8	2
9	231-1448	NUT - hex, self-locking, 1/2 inch NC	6
10	L13142	MOUNT - isolator, rubber	2
11	90-7598T1	SUPPORT - radiator	2
12	90-7683T1	PLATE - mounting, radiator	1
13	70-2987T1	SEAL - formed rubber, adhesive-backed, 3302 mm (130 inch) long, cut from F43117X bulk seal, see below	1
14	90-6832T1	SEAL - formed rubber, 1124 mm (44-1/4 inch) long, cut from L107724 bulk seal, see below	1
15	426-610	BOLT - hex, 3/8 NC x 5/8 inch, grade 8	10
16	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	10
17	70-5265T1	SEAL - foam, 711 mm (28 inch) long, cut from 70-5259T1X bulk seal, see below	1
19	495-21050	WASHER - flat, 1/2 x 1-1/4 x 5/64 inch	2
20	426-848	BOLT - hex, 1/2 NC x 3 inch, grade 8	2
21	19-961	WASHER - flat, 1/2 x 1-3/4 x 1/8 inch	2
22	47-4208	MOUNT - insulator, rubber	2
23	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	8
24	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8	8
28	70-5265T1	SEAL - foam, 711 mm (28 inch) long, cut from 70-5259T1X bulk seal, see below	1
29	70-5848T1	TRIM - edge, 140 mm (5-1/2 inch) long, cut from F64277X bulk trim, see below	1
	70-5259T1X	SEAL - foam, bulk, 3048 mm (120 inch) long	UAR
	F43117X	SEAL - formed rubber, adhesive-backed, bulk, 15 (9/16) x 31 (1-3/16) x 30480 mm (1200 inch) long	UAR
	L107724	SEAL - formed rubber, 1232 mm (48-1/2 inch) long	UAR
	F64277X	TRIM - edge, bulk, 14478 mm (570 inch) long	UAR



9370, 9380, and 9390 Tractor
RADIATOR AND ATTACHING PARTS
9370 and 9380 Only

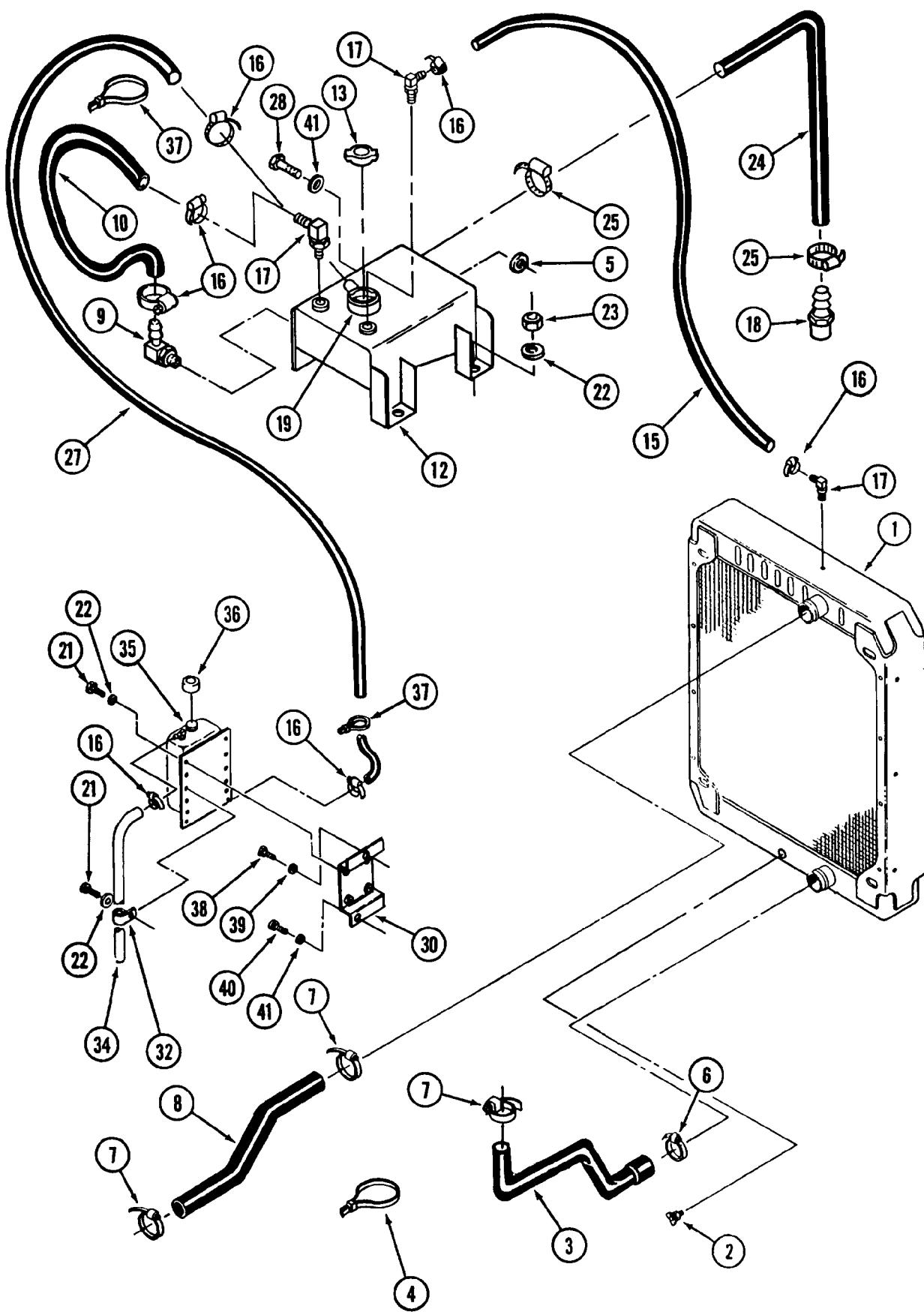
REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-8369T1	RADIATOR - engine cooling, 9370 tractor, replaces 90-7675T1 radiator	1
1	90-8263T1	RADIATOR - engine cooling, 9380 tractor, replaces 90-7674T1 radiator	1
2	217-92	VALVE - drain, 1/4 inch PT, replaces H434809 valve	1
3	90-7693T2	HOSE - radiator, lower.	1
4	19-135	STRAP - tie, nylon	2
6	70-5522T1	CLAMP - adj, 2-13/16 - 3-3/4 inch dia	1
7	70-5521T1	CLAMP - adj, 2 - 3 inch dia	3
8	90-6822T2	HOSE - radiator, upper, prior to P.I.N JEE0036501	1
8	90-8051T1	HOSE - radiator, upper, P.I.N. JEE0036501 and after	1
9	214-1404	CLAMP - adj, 1/4 - 5/8 inch dia	6
12	90-7701T1	TANK - fill, radiator	1
13	90-7731T1	CAP - radiator	1
14	217-120	ADAPTER - straight, 1/4 barb end x 1/8 inch PT.	1
15	31-3063	HOSE - 406 mm (16 inch) long, cut from A21561X bulk hose, see below	1
16	214-1404	CLAMP - adj, 1/4 - 5/8 inch dia, replaces 214-1404 clamp	6
17	217-292	ELBOW - 90 degree, 1/4 barb end x 1/8 inch PT	2
18	31-2742	HOSE - 533 mm (21 inch) long, cut from A21561X bulk hose, see below	1
19	90-6818T1	NECK - filler, prior to P.I.N JEE0036501	1
20	90-8326T1	NECK - filler, P.I.N. JEE0036501 and after	1
21	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.	8
22	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.	8
24	31-1503	HOSE - 711 mm (28 inch) long, cut from 31-1502 bulk hose, see below	1
25	214-1420	CLAMP - adj, 13/16 - 1-3/4 inch dia.	2
26	217-156	ADAPTER - straight, 1 inch stem end x PT.	1
27	31-2835	HOSE - 1499 mm (59 inch) long, cut from 31-2855 bulk hose, prior to P.I.N. JEE0036501, see below	1
27	A172261	HOSE - 1800 mm (70-7/8 inch) long, cut from L126767 bulk hose, P.I.N. JEE0036501 and after, see below.	1
28	217-119	ADAPTER - straight, 1/4 barb end x 1/4 inch PT.	1
30	90-8351T1	BRACKET - mounting	1
32	515-23127	CLAMP - P-type, 1/2 inch ID, hose, overflow	1
33	90-7763T1	BRACKET - tank mounting	1
34	31-3065	HOSE - 203 mm (8 inch) long, cut from 87769CX bulk hose, coolant recovery overflow.	1
35	90-7717T1	BOTTLE - coolant recovery.	1
36	1547924C1	CAP - recovery bottle.	1
37	22-824	STRAP - tie, 7 inch	1
38	414-916	BOLT - hex, 9/16 NF x 1 inch	1
39	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	1
40	414-68	BOLT - hex, 3/8 NF x 1/2 inch.	1
41	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.	1
	31-1502	HOSE - bulk, 25 (1) ID x 3048 mm (120 inch) long	UAR
	A21561X	HOSE - bulk, 6 (1/4) x 13 (1/2) x 7620 mm (300 inch) long.	UAR
	L126767	HOSE - bulk, 8 (5/16) ID x 2336 mm (92 inch) long	UAR
	87769CX	HOSE - rubber, bulk roll, 7 (9/32) ID x 27432 mm (1080 inch) long	UAR



9370, 9380, and 9390 Tractor
RADIATOR MOUNTING AND SHROUD
9390 Only

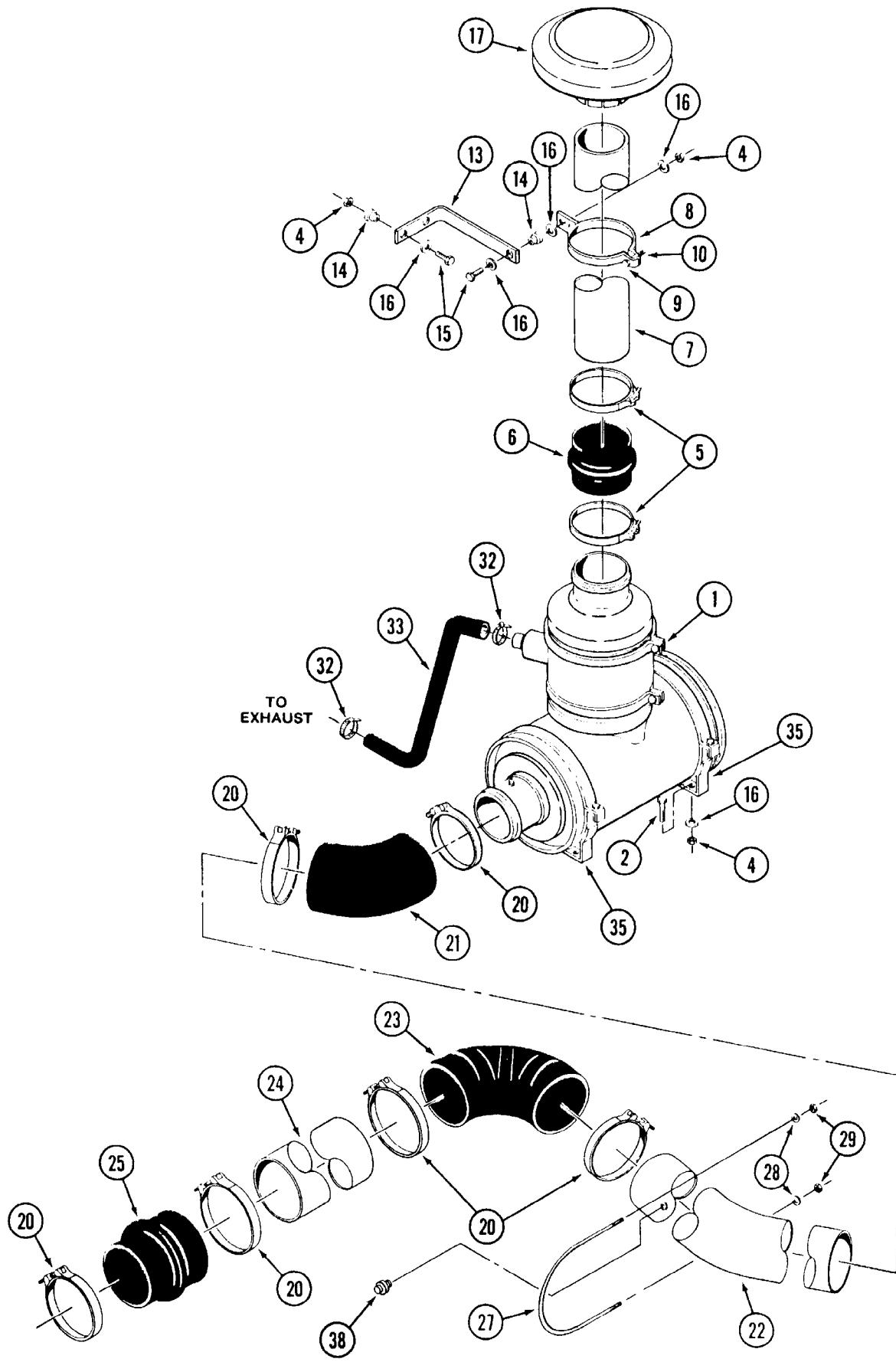
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REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-8361T1	RADIATOR - engine cooling, see page 2-9.....	1
2	90-8379T1	SHROUD - fan.....	1
3	426-410	BOLT - hex, 1/4 NC x 5/8 inch, grade 8.....	8
4	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch.....	8
6	70-6857T1	MOUNT - radiator, right-hand	1
7	70-6858T1	MOUNT - radiator, left-hand, not shown	1
8	19-961	WASHER - flat.....	8
9	495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	8
10	326-832	BOLT - hex, 1/2 NC x 2 inch, grade 8	6
11	515-23190	CLAMP - P-type, 3/4 inch ID	1
12	90-8380T1	PLATE - mounting, radiator.....	1
13	70-2987T1	SEAL - formed rubber, adhesive-backed, 3302 mm (130 inch) long, cut from F43117X bulk seal, see below.....	1
14	90-6832T1	SEAL - formed rubber, 1124 mm (44-1/4 inch) long, cut from L107724 bulk seal, see below	1
15	426-610	BOLT - hex, 3/8 NC x 5/8 inch, grade 8.....	8
16	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	8
17	70-5265T1	SEAL - foam, 711 mm (28 inch) long, cut from 70-5259T1X bulk seal, see below.....	1
20	426-848	BOLT - hex, 1/2 NC x 3 inch, grade 8	2
22	47-4208	MOUNT - insulator, rubber	2
25	231-1448	NUT - hex, self-locking, 1/2 inch NC	6
26	L13142	MOUNT - isolator, rubber	2
28	70-5265T1	SEAL - foam, 711 mm (28 inch) long, cut from 70-5259T1X bulk seal, see below.....	1
29	70-5848T1	TRIM - edge, 140 mm (5-1/2 inch) long, cut from F64277X bulk trim, see below	1
30	425-108	NUT - hex, 1/2 inch NC	2
	70-5259T1X	SEAL - foam, bulk, 3048 mm (120 inch) long	UAR
	F43117X	SEAL - formed rubber, adhesive-backed, bulk, 15 (9/16) x 31 (1-3/16) x 30480 mm (1200 inch) long	UAR
	L107724	SEAL - formed rubber, 1232 mm (48-1/2 inch) long	UAR
	F64277X	TRIM - edge, bulk, 14478 mm (570 inch) long	UAR



9370, 9380, and 9390 Tractor
RADIATOR AND ATTACHING PARTS
9390 Only

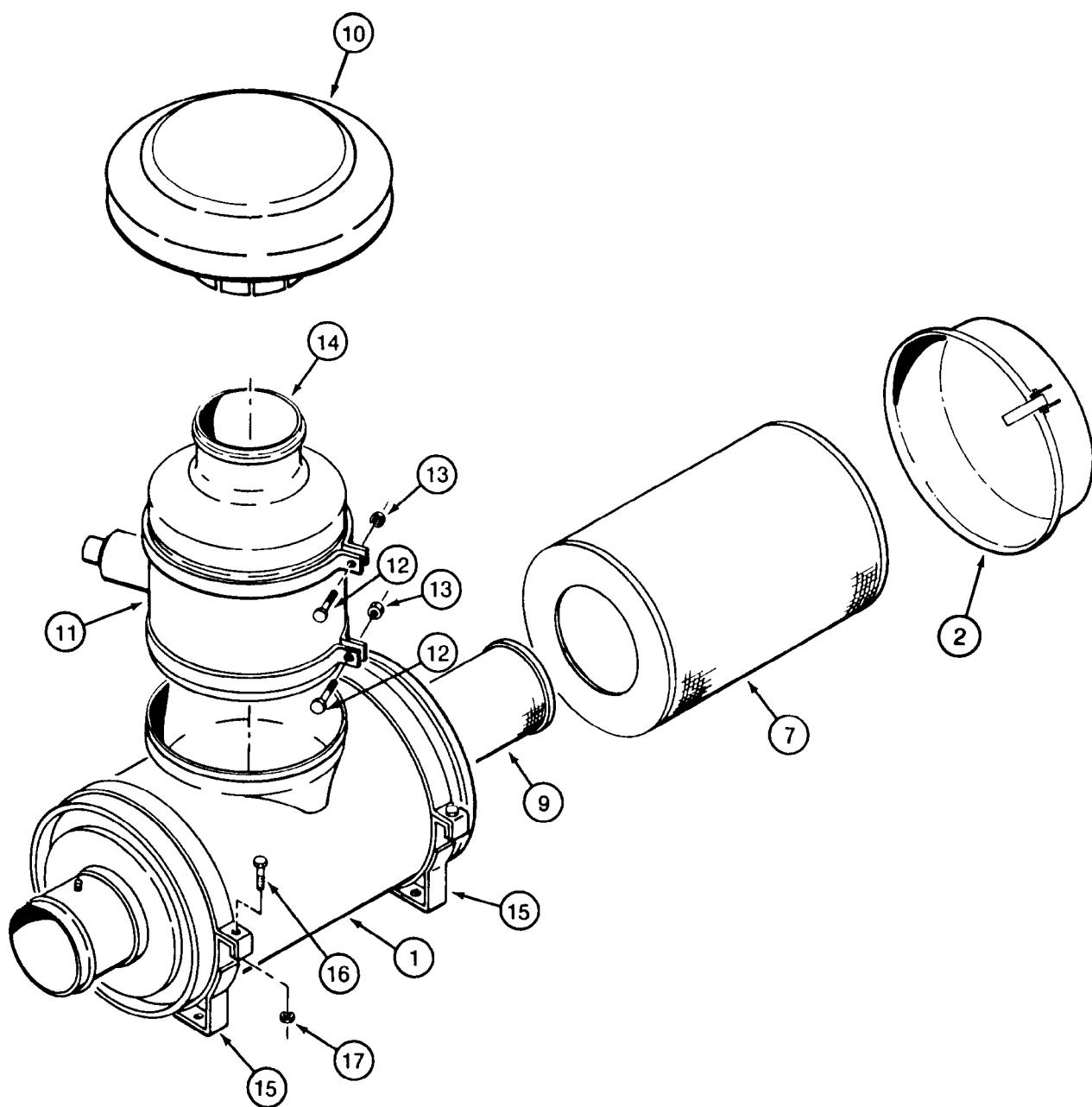
REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-8361T1	RADIATOR - engine cooling	1
2	H434809	VALVE - drain	1
3	90-7693T2	HOSE - radiator, lower.....	1
4	19-135	STRAP - tie, nylon.....	2
5	496-41041	WASHER - flat, 13/32 x 1-1/8 x 9/64 inch, hardened	2
6	70-5522T1	CLAMP - adj, 2-13/16 - 3-3/4 inch dia	1
7	70-5521T1	CLAMP - adj, 2 - 3 inch dia	3
8	90-8051T1	HOSE - radiator, upper	1
9	217-292	ELBOW - 90 degree, 1/4 barb end x 1/8 inch PT	1
10	31-3063	HOSE - 406 mm (16 inch) long, cut from A21561X bulk hose	1
12	239141A2	TANK - fill, radiator	1
13	90-7731T1	CAP - radiator	1
15	31-1190	HOSE - 965 mm (38 inch) long	1
16	214-1404	CLAMP - adj, 1/4 - 5/8 inch dia	6
17	217-292	ELBOW - 90 degree, 1/4 barb end x 1/8 inch PT	4
18	217-156	ADAPTER - straight, 1 inch stem end x PT, see below	1
21	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.....	4
22	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	6
23	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
24	31-1503	HOSE - 711 mm (28 inch) long, cut from 31-1502 bulk hose, see below	1
25	214-1420	CLAMP - adj, 13/16 - 1-3/4 inch dia.....	2
27	A172261	HOSE - 1800 mm (70-7/8 inch) long, cut from L126767 bulk hose, see below, replaces 31-2835 hose.....	1
28	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	1
30	90-8351T1	BRACKET - mounting	1
32	515-23127	CLAMP - P-type, 1/2 inch ID, hose, overflow	1
34	31-3065	HOSE - 203 mm (8 inch) long, cut from 87769CX bulk hose, coolant recovery overflow.....	1
35	90-7717T1	BOTTLE - coolant recovery.....	1
36	1547924C1	CAP - recovery bottle.....	1
37	22-824	STRAP - tie, 7 inch	2
38	414-916	BOLT - hex, 9/16 NF x 1 inch	1
39	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	1
40	414-68	BOLT - hex, 3/8 NF x 1/2 inch	1
41	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	12
	31-1502	HOSE - bulk, 25 (1) ID x 3048 mm (120 inch) long	UAR
	A21561X	HOSE - bulk, 6 (1/4) x 13 (1/2) x 7620 mm (300 inch) long.....	UAR
	L126767	HOSE - bulk, 8 (5/16) ID x 2336 mm (92 inch) long	UAR
	87769CX	HOSE - rubber, bulk roll, 7 (9/32) ID x 27432 mm (1080 inch) long	UAR



**9370, 9380, and 9390 Tractor
AIR INDUCTION SYSTEM**

2-11

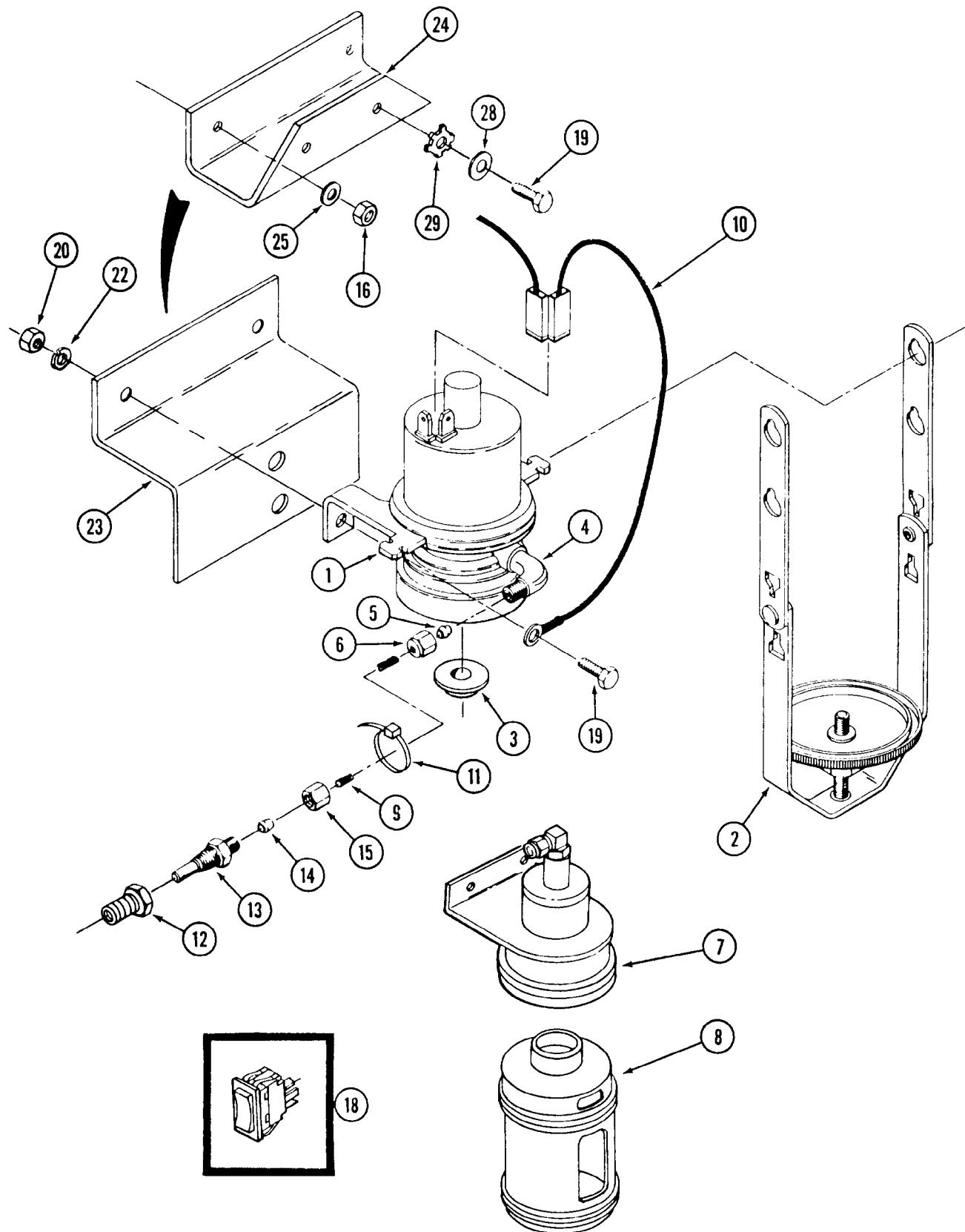
REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-7779T91	CLEANER ASSEMBLY - air, engine, includes precleaner and mounting parts, prior to P.I.N. JEE0036501, parts list page 2-13	1
1	90-8298T91	CLEANER ASSEMBLY - air, engine, includes precleaner and mounting parts, P.I.N. JEE0036501 and after, parts list page 2-13	1
2	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	4
4	231-4136	NUT - hex, self-locking, 3/8 inch NC	7
5	214-32120	CLAMP - adj, 6-3/4 - 7-5/8 inch dia	2
6	9-73	HOSE - coupling, 7 inch ID	1
7	90-3869T1	TUBE - air inlet	1
8	60-2764T1	CLAMP - support	1
9	413-520	BOLT - hex, 5/16 NC x 1-1/4 inch	1
10	425-105	NUT - hex, 5/16 inch NC	1
13	90-6870T1	BRACKET - support, air inlet tube	1
14	D52276	INSULATOR - rubber, brace	3
15	426-628	BOLT - hex, 3/8 NC x 1-3/4 inch, grade 8	3
16	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	9
17	9-120	CAP - air inlet	1
20	214-32104	CLAMP - adj, 5-3/4 - 6-5/8 inch dia	6
21	90-6892T1	ELBOW - 70 degree	1
22	90-8052T1	TUBE - air intake, prior to P.I.N. JEE0036501	1
22	90-8123T1	TUBE - air intake, P.I.N. JEE0036501 and after	1
23	9-22	ELBOW - 90 degree	1
24	90-6895T1	TUBE - air intake, 387 mm (15-1/4 inch) long	1
25	9-76	HOSE - coupling	1
27	44-13T1	U-BOLT - tube	1
28	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	2
29	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
32	214-1436	CLAMP - adj, 1-13/16 - 2-3/4 inch dia	2
33	90-3979T1	HOSE - aspirator, air cleaner to exhaust	1
35	90-3871T1	CLAMP - band, air cleaner mounting	2
38	1983233C1	SWITCH - restriction, air cleaner	1



**9370, 9380, and 9390 Tractor
AIR CLEANER ASSEMBLY**

2-13

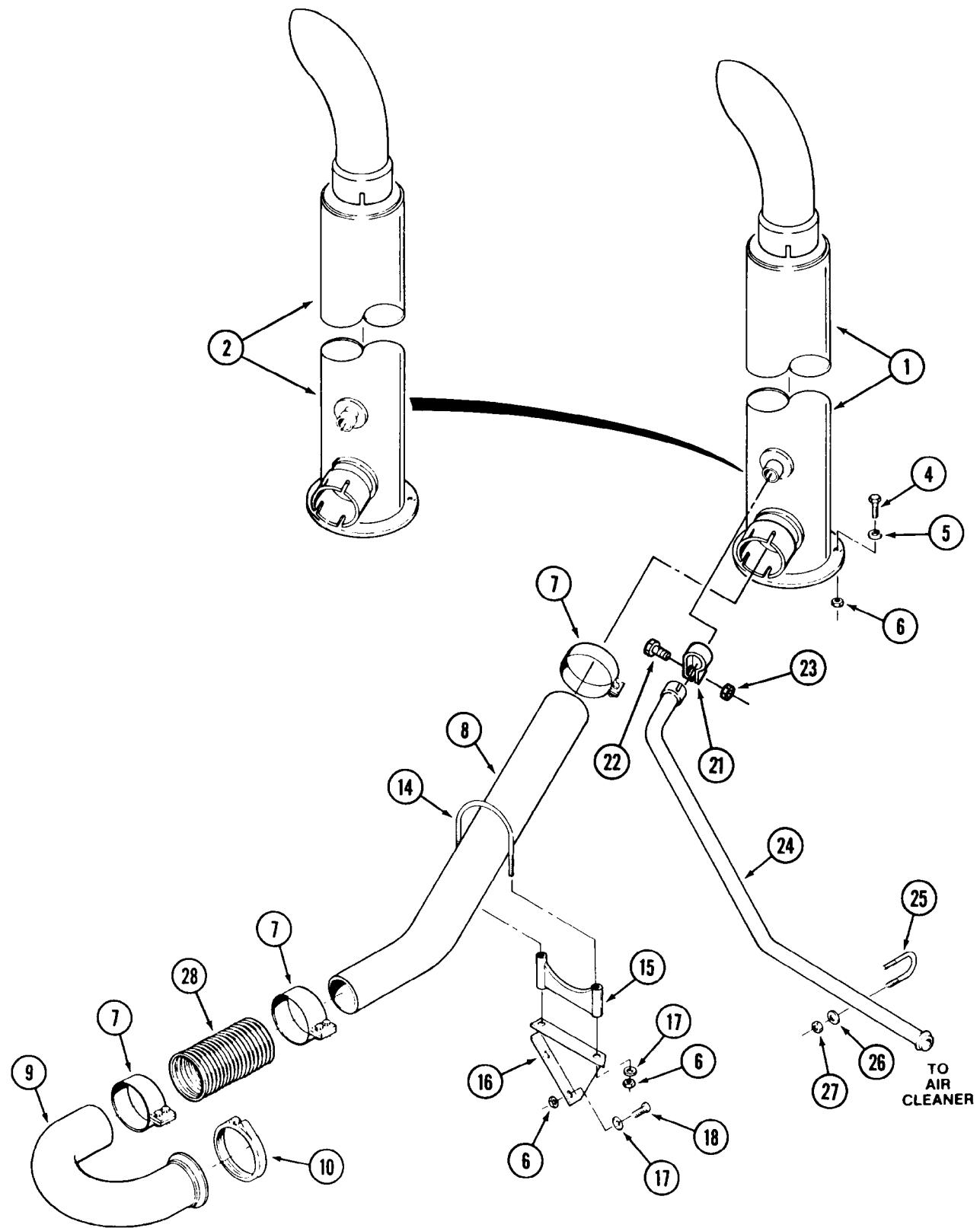
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7779T91	CLEANER ASSEMBLY - air, engine, includes precleaner and mounting parts, prior to P.I.N. JEE0036501	1
	90-8298T91	CLEANER ASSEMBLY - air, engine, includes precleaner and mounting parts, P.I.N. JEE0036501 and after	1
	90-8022T91	CLEANER ASSEMBLY - air, engine, without precleaner and mounting parts, replaced by 90-8299T91 cleaner	1
	90-8299T91	CLEANER ASSEMBLY - air, engine, without precleaner and mounting parts, replaces 90-8022T91 cleaner.	1
1	NSS	BODY - air cleaner	1
2	90-8302T1	COVER - end, replaces 134610A1 cover	1
7	90-8300T1	ELEMENT - primary, replaces 132151A1 element.	1
9	90-8301T1	ELEMENT - secondary, replaces 132149A1 element	1
10	9-120	CAP - air inlet	1
11	90-4207T1	PRECLEANER ASSEMBLY - engine.	1
12	413-632	BOLT - hex, 3/8 NC x 2 inch.	2
13	425-106	NUT - hex, 3/8 inch NC.	2
14	90-4208T1	ADAPTER - intake reducer	1
15	90-3871T1	CLAMP - band, air cleaner mounting	2
16	413-528	BOLT - hex, 5/16 NC x 1-3/4 inch	1
17	27254R1	NUT - hex, 5/16 inch NC, grade 8	1



9370, 9380, and 9390 Tractor
ETHER STARTING SYSTEM

2-15

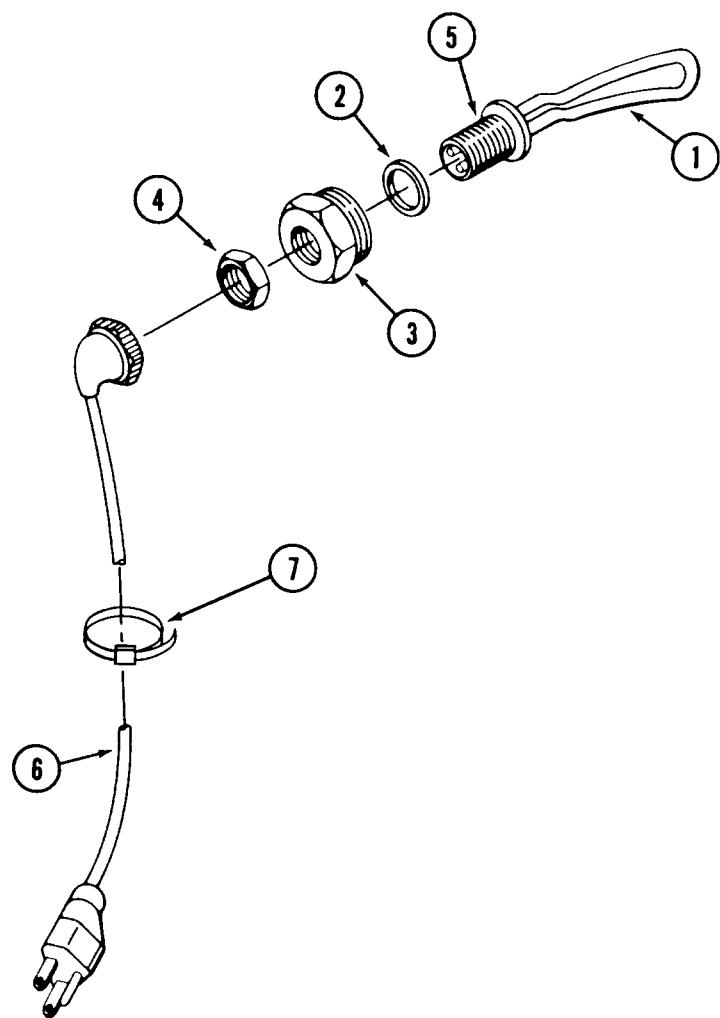
REF.	PART NO.	DESCRIPTION	REQ'D.
1	A143381	SOLENOID ASSEMBLY - ether injection, no longer available, order 185552A2 solenoid assembly below	1
2	D77648	HANGER - ether can, order 18552A2 hanger	1
3	395686R1	GASKET - injector solenoid, 15/64 inch diameter	1
4	222-615	ELBOW - 90 degree, compression, 1/8 tube OD x 1/8 inch PT	1
5	222-650	SLEEVE - tapered, 1/8 inch tube OD	1
6	222-660	NUT - hex, 1/8 tube OD x 5/16-24 inch.	1
	185552A2	SOLENOID ASSEMBLY - ether injection	1
7	NSS	SOLENOID - ether injection	1
8	190752A1	HOUSING - ether injection solenoid.	1
9	31-1347	TUBE - 610 mm (24 inch) long, cut from 29-53T2 bulk tube, see below, ether solenoid to injector	1
10	60-7166T2	HARNESS - engine, replaces 60-7166T1 harness	1
11	19-135	STRAP - tie, nylon	1
12	221-84	REDUCER - pipe, 1/4 male x 1/8 inch female, P.I.N. JEE0036501 and after.	1
13	90-7034T1	INJECTOR ASSEMBLY - nozzle.	1
14	222-650	SLEEVE - tapered, 1/8 inch tube OD.	1
15	222-660	NUT - hex, 1/8 tube OD x 5/16-24 inch	1
16	425-105	NUT - hex, 5/16 inch NC	2
18	1964751C1	SWITCH - rocker, ether start	1
19	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.	2
20	425-105	NUT - hex, 5/16 inch NC	2
22	492-11031	WASHER - lock, 5/16 inch.	2
23	90-7645T1	BRACKET - mounting, solenoid, if used, prior to P.I.N. JEE0036501, replaces 90-7336T1 bracket	1
24	90-8367T1	BRACKET - mounting, ether, P.I.N. JEE0036501 and after, replaces 90-8352T1 bracket.	1
25	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	2
28	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	2
29	493-41033	WASHER - external tooth lock, 5/16 inch.	1
	29-53T2	TUBE - bulk, 3 (1/8) OD x 3048 mm (120 inch) long.	UAR



**9370, 9380, and 9390 Tractor
EXHAUST SYSTEM**

2-17

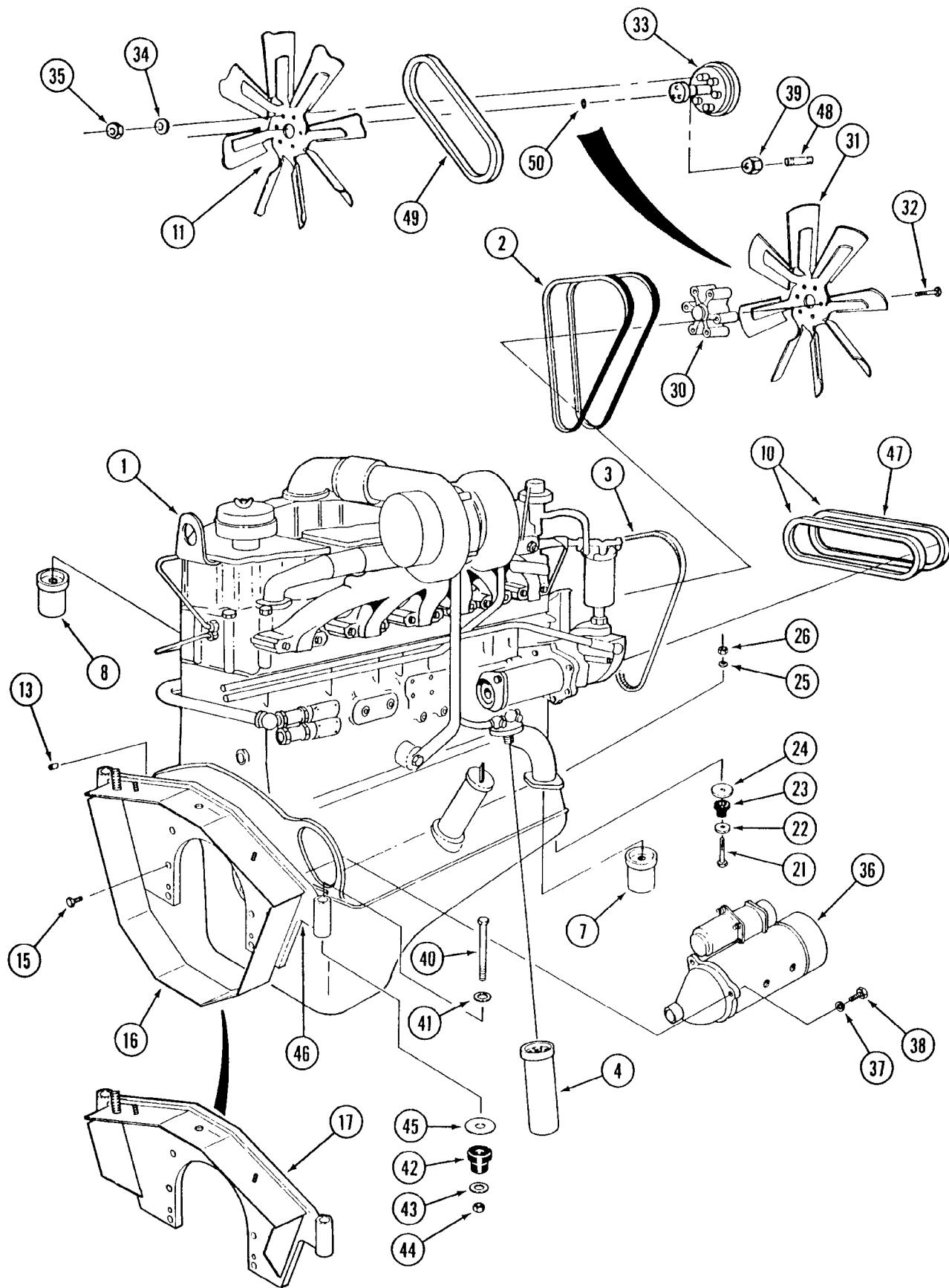
REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-7608T2	MUFFLER - exhaust, engine, prior to P.I.N. JEE0036501	1
2	90-8295T1	MUFFLER - exhaust, engine, P.I.N. JEE0036501 and after	1
4	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	3
5	492-11038	WASHER - lock, 3/8 inch	3
6	232-4136	NUT - hex, self-locking, 3/8 inch NC	7
7	90-8320T1	CLAMP - exhaust	3
8	90-7692T1	TUBE - exhaust, prior to P.I.N. JEE0036501	1
8	90-8124T1	TUBE - exhaust, P.I.N. JEE0036501 and after	1
9	90-5776T1	TUBE - elbow, exhaust	1
10	31-1316	CLAMP - exhaust	1
14	32-322T1	U-BOLT - 3/8 inch NC	1
15	32-323T1	SADDLE - clamp, U-bolt	1
16	90-7100T1	BRACKET - clamp mounting	1
17	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	4
18	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8	2
21	90-7815T1	CLAMP - adjustable	1
22	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	1
23	231-1446	NUT - hex, self-locking, 3/8 inch NC	1
24	90-7725T1	TUBE - aspirator	1
25	19-1049	U-BOLT - 5/16 inch NC	1
26	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	2
27	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
28	45-177	TUBE - flex, exhaust	1



**9370, 9380, and 9390 Tractor
BLOCK HEATER**

2-19

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-3490T91	HEATER ASSEMBLY - coolant, prior to P.I.N. JEE0036501	1
	90-8345T91	HEATER ASSEMBLY - coolant, P.I.N. JEE0036501 and after.....	1
1	NSS	ELEMENT - heater.....	1
2	NSS	GASKET - element.....	1
3	NSS	CONNECTOR - reducer.....	1
4	NSS	NUT - hex.....	1
5	NSS	BUSHING - element.....	1
6	90-3491T1	CABLE - heater	1
7	19-135	STRAP - tie, nylon, if used.....	1

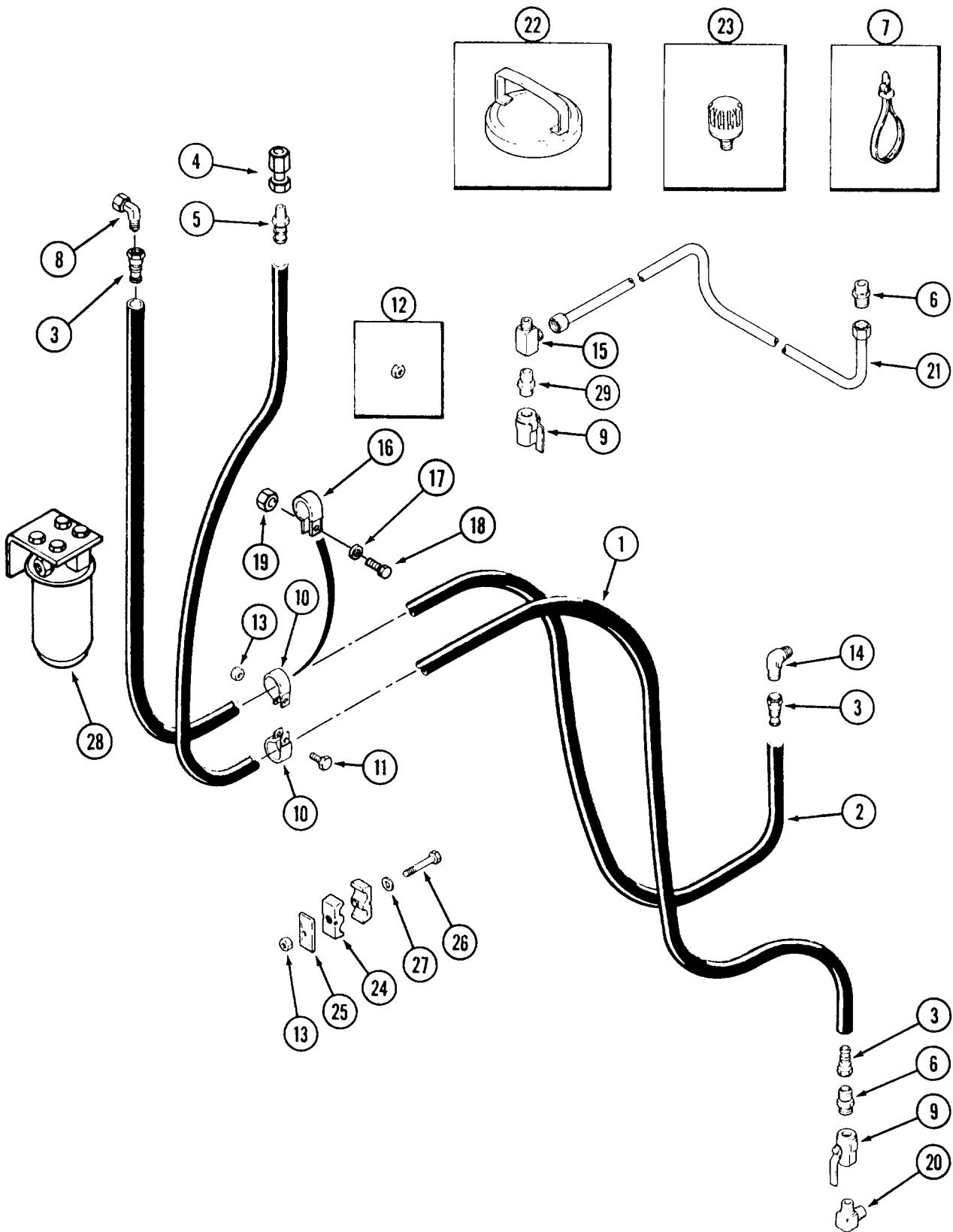


ENGINE MOUNTS AND ATTACHING PARTS

REF.	PART NO.	DESCRIPTION	REQ'D.
1	NSS	ENGINE ASSEMBLY - NTA-855-A BC111, 360 horsepower, 9370, prior to P.I.N. JEE0036501, see your Cummins engine dealer for service parts.....1	
1	NSS	ENGINE ASSEMBLY - NTA-855-A BC111, 360 horsepower, 9370, P.I.N. JEE0036501 and after, see your Cummins engine dealer for service parts.....1	
1	NSS	ENGINE ASSEMBLY - NTA-855-A BC111, 400 horsepower, 9380, prior to P.I.N. JEE0036501, see your Cummins engine dealer for service parts.....1	
1	NSS	ENGINE ASSEMBLY - NTA-855-A BC111, 400 horsepower, 9380, P.I.N. JEE0036501 and after, see your Cummins engine dealer for service parts.....1	
1	NSS	ENGINE ASSEMBLY - N14-A425, 425 horsepower, 9390, see your Cummins engine dealer for service parts	1
2	90-8264T1	BELT - V-type, set of two	1
3	90-2383T1	BELT - V-type, ribbed, water pump	1
4	90-7101T1	FILTER - engine oil	1
7	A77544	FILTER - water conditioning, precharge, service	1
8	90-3941T1	FILTER - fuel	1
9	A77424	CAP - oil fill tube, not shown	1
10	90-1375T1	BELT - alternator, set of two, used on the 9370 and 9380	1
11	236987A1	FAN - engine, used on 9390	1
13	NSS	PIN - dowel, 9/16 x 1-1/8 inch, serviced through Cummins.....	2
15	428-1024	BOLT - hex, 5/8 NF x 1-1/2 inch, grade 8	9
16	90-7553T1	HOUSING - flywheel, replaced by 229656A3 mount, item 17.....	1
17	229656A3	MOUNT - engine, replaces 90-7553T1 housing, item 16	1
21	426-1064	BOLT - hex, 5/8 NC x 4 inch, grade 8	2
22	19-408	WASHER - flat, 5/8 x 2-1/2 x 3/16 inch	2
23	24-231	INSULATOR - engine mount, rubber, front	2
24	51-128	WASHER - flat, 5/8 x 3-1/2 x 3/16 inch	2
25	496-81022	WASHER - flat, 21/32 x 1-1/4 x 1/4 inch, hardened	2
26	232-41110	NUT - hex, self-locking, 5/8 inch NC	2
30	90-3569T1	SPACER - fan	1
31	90-4238T1	FAN - engine, prior to P.I.N. JEE0036501, used on 9370 and 9380.....	1
31	90-8164T1	FAN - engine, P.I.N. JEE0036501 and after, used on 9370 and 9380	1
32	326-856	BOLT - hex, 1/2 NC x 3-1/2 inch, grade 8	6
33	90-8378T1	CLUTCH - fan, used on 9390	1
34	496-21034	WASHER - flat, 11/32 x 11/16 x 3/32 inch, hardened, used with 90-8378T1 clutch, item 33	6
35	825-1408	NUT - hex, 8 mm - 1.25, used with 90-8378T1 clutch, item 33	6
36	107717A1	STARTER ASSEMBLY - Delco Remy, 12 volt, parts list pages 4-39 and 4-41.....	1
37	19-912	WASHER - flat, 21/32 ID x 1-3/16 OD x 3/16 inch thick	3
38	80-11032	BOLT - 12 point flange, 5/8 NC x 2 inch, grade 8	3
39	425-108	NUT - hex, 1/2 inch NC, used with 90-8378T1 clutch, item 33	6
40	426-12120	BOLT - hex, 3/4 NC x 7-1/2 inch, grade 8	2
41	496-11081	WASHER - flat, 13/16 x 1-1/2 x 9/64 inch, hardened	2
42	47-4172	INSULATOR - mount, rubber, rear	2
43	495-21081	WASHER - flat, 13/16 x 2 x 9/64 inch	2
44	19-85	NUT - hex, self-locking, 3/4 inch NC	2
45	19-6150	WASHER - flat, special	2
46	229656A3	MOUNT - engine	1
47	90-8383T1	BELT - alternator, used on the 9390	1
48	90-8396T1	STUD - fan	6
49	90-8400T1	BELT - fan, used on the 9390	1
50	238-5041	O-RING - 3 ID x 1/16 inch wide, seal clutch	1

**ALPHABETICAL INDEX
FUEL SYSTEM**

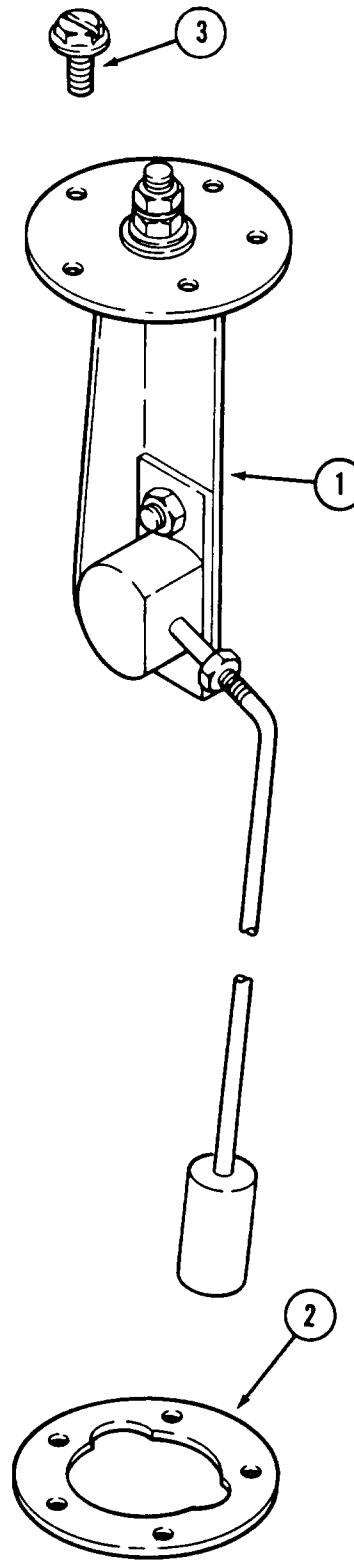
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Fuel Cap, Fill.....	3-3
Lines and Filter System.....	3-3
Sensor	3-5
Throttle Controls (ROPS Models)	3-9
Throttle and Decelerator Controls (Cab Models)	3-7



9370, 9380, and 9390 Tractor
FUEL LINE SYSTEM

3-3

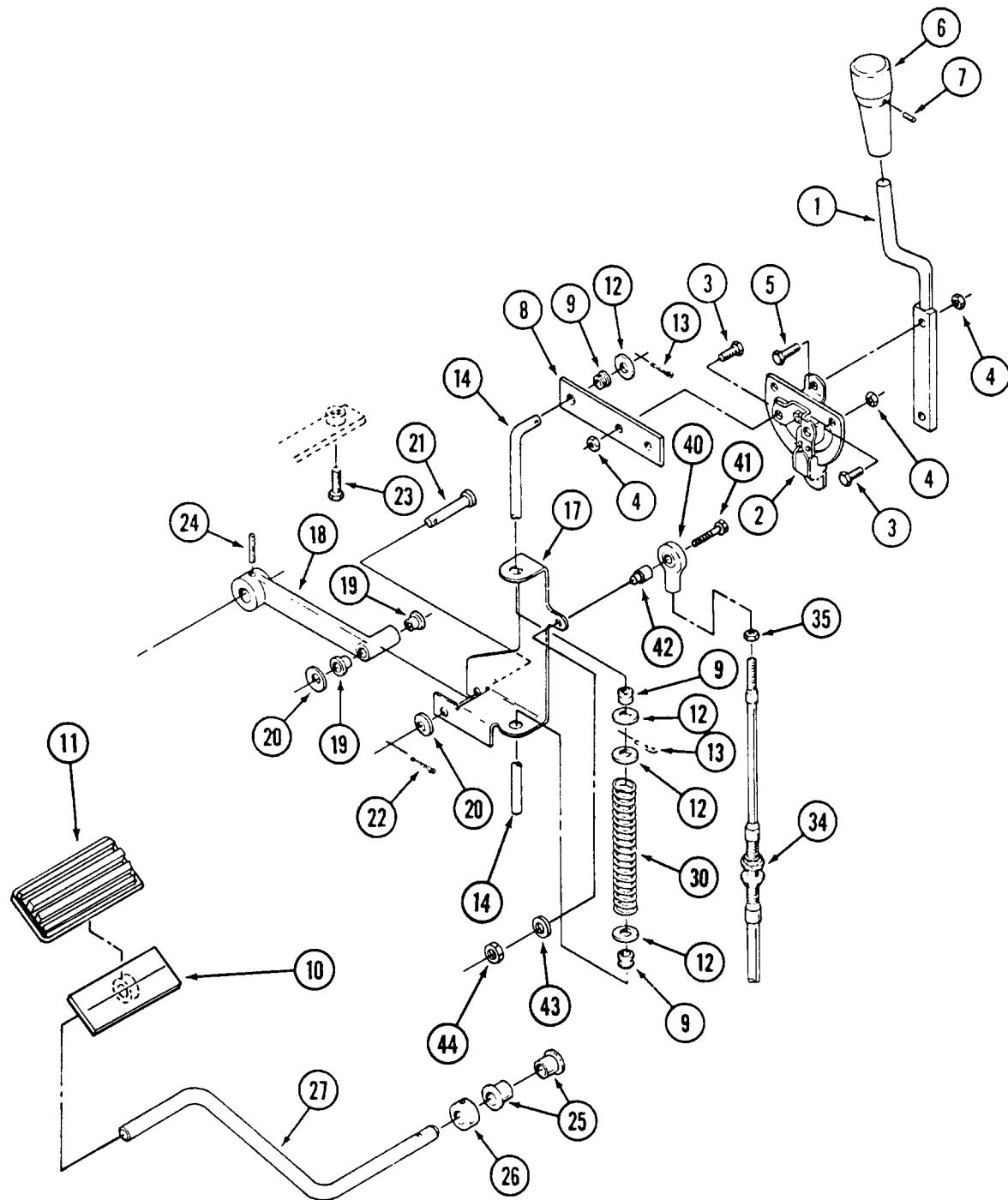
REF.	PART NO.	DESCRIPTION	REQ'D.
1	31-2967	HOSE - 4369 mm (172 inch) long, cut from 50-3418X1 bulk hose, see below.	1
2	31-2951	HOSE - 4648 mm (183 inch) long, cut from 50-3418X1 bulk hose, see below.	1
3	31-2976	ADAPTER - straight, 7/8-14 female swivel x 31/64 inch barb	3
4	218-1561	ADAPTER - straight, 3/4-16 swivel x 1/2 inch female PT	1
5	31-2966	ADAPTER - straight, special	1
6	218-445	ADAPTER - straight, 7/8-14 flare x 1/2 inch PT.....	2
7	22-824	STRAP - tie, 7 inch	1
8	218-5232	ELBOW - 90 degree, 7/8-14 inch flare x swivel.....	1
9	31-1267	VALVE - shutoff	2
10	515-23238	CLAMP - P-type, 15/16 inch ID	5
11	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	1
12	425-106	NUT - hex, 3/8 inch NC	1
13	425-105	NUT - hex, 5/16 inch NC	3
14	218-485	ELBOW - 90 degree, 7/8-14 flare x 1/2 inch PT	1
15	31-1000	TEE - 1/2 female PT x 1/2 male PT x 7/8 NF inch flare.....	1
16	515-25254	CLAMP - P-type, 1 inch ID, used on the 9370 and 9380.....	1
17	495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	1
18	426-812	BOLT - hex, 1/2 NC x 3/4 inch, grade 8.....	1
19	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
20	217-1226	ELBOW - 90 degree, 1/2-14 inch NPT	1
21	90-7508T1	TUBE - fuel, tank	1
22	A162191	CAP - fuel	1
23	90-7732T1	BREATHER - fuel tank	1
24	50-2534T1	CLAMP - split, one-half, replaces 50-2551T1 clamp.....	6
25	50-2533T1	PLATE - clamp support	2
26	426-540	BOLT - hex, 5/16 NC x 2-1/2 inch, grade 8	1
27	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	2
28	90-3941T1	FILTER - fuel	1
29	217-196	NIPPLE - straight, 1/2 PT x 1-13/16 inch.....	1
	50-3418X1	HOSE - bulk, 16 (5/8) ID x 9144 mm (360 inch) long	UAR



**9370, 9380, and 9390 Tractor
FUEL SENSOR ASSEMBLY**

3-5

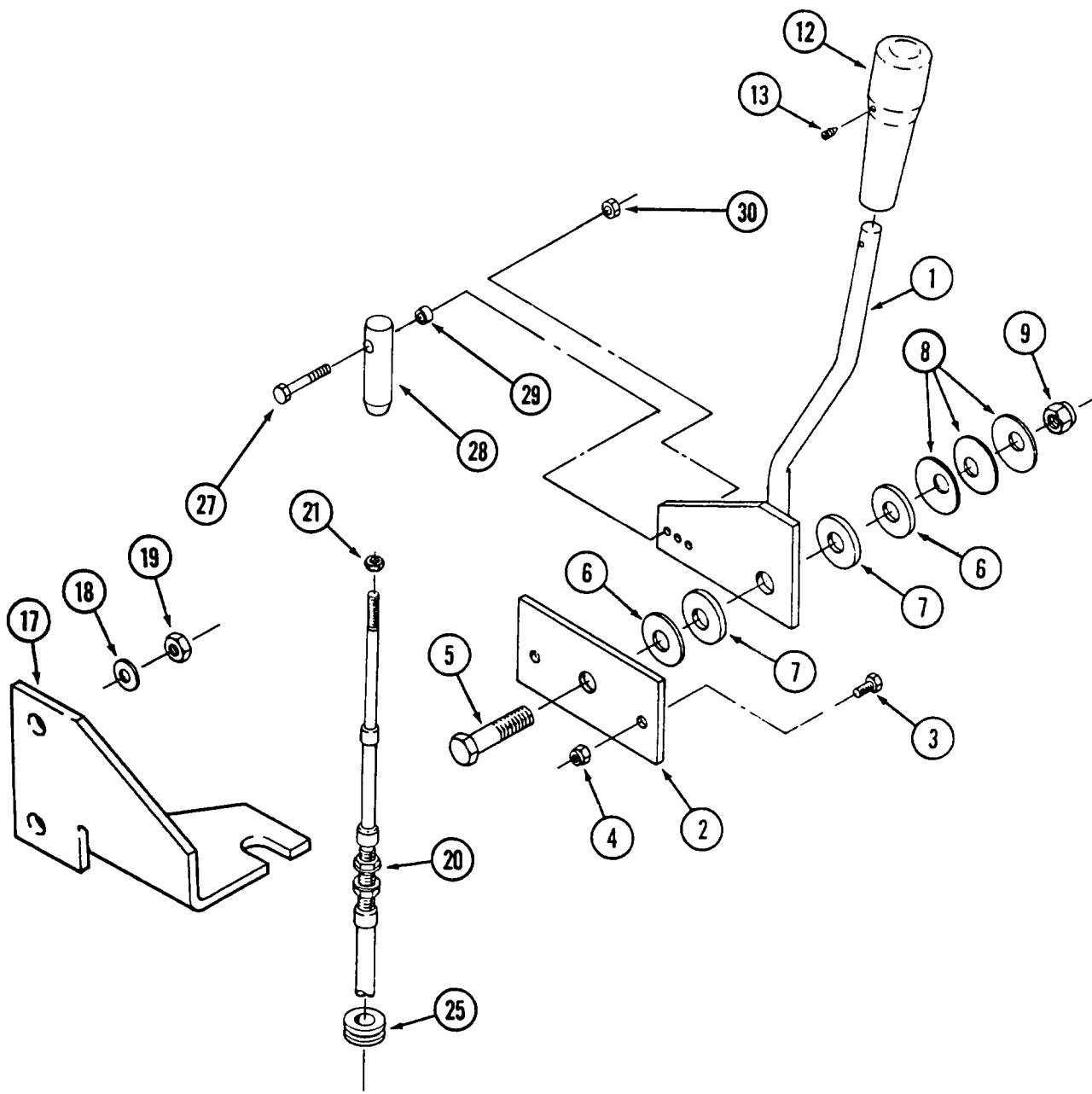
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6831T91	SENSOR - fuel.....	1
2	104812C3	GASKET - fuel level sender.....	1
3	463-3108	SCREW - machine, hex washer head, No. 10 NC x 1/2 inch	5



THROTTLE AND DECELERATOR CONTROLS

Cab Models Only

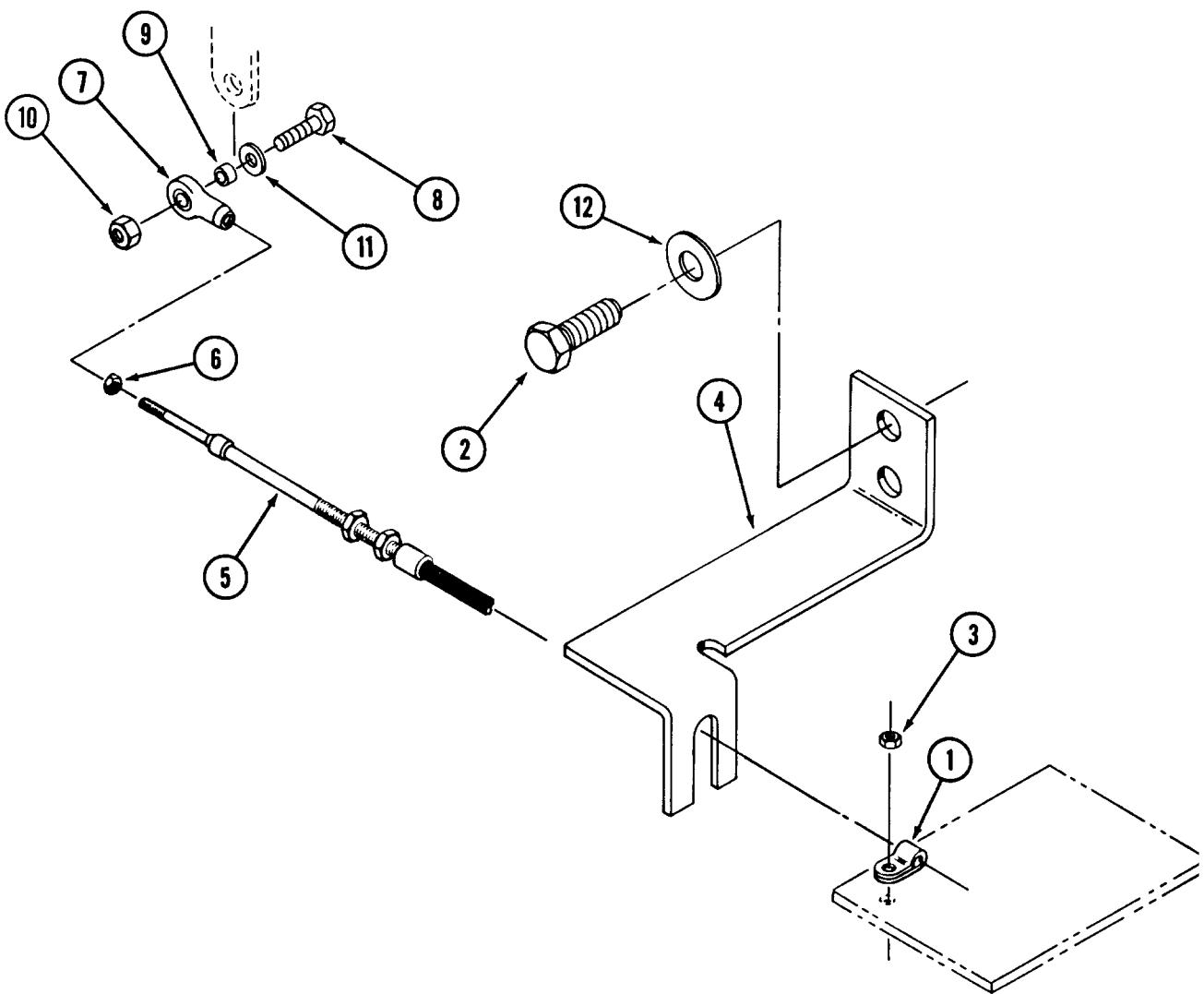
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-4686T2	LEVER - throttle control	1
2	60-3783T1	BELLCRANK - throttle control	1
3	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8	4
4	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	6
5	426-416	BOLT - hex, 1/4 NC x 1 inch, grade 8	2
6	60-2050T3	KNOB - control lever	1
7	19-5798	SCREW - set, No. 8 NC	1
8	60-3696T1	LEVER - bellcrank	1
9	19-6113	BUSHING - nylon, split, flanged	3
10	60-7066T1	PEDAL - decelerator	1
11	1999381C1	PAD - pedal, replaces 1958503C1 pad	1
12	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	4
13	432-816	PIN - cotter, 1/8 x 1 inch	2
14	60-6278T1	ROD - actuating	1
17	60-6277T2	BRACKET - retaining	1
18	60-6276T1	LEVER - decelerator	1
19	60-1948T1	BUSHING - flange	2
20	19-5995	WASHER - spring, 5/16 inch	2
21	19-5664	PIN - clevis, 5/16 x 2 inch	1
22	32-612	PIN - cotter, 3/32 x 3/4 inch	1
23	426-820	BOLT - hex, 1/2 NC x 1-1/4 inch, grade 8	1
24	38-11216	PIN - roll, 3/16 x 1 inch	1
25	24-206	BUSHING - flange	2
26	19-490	COLLAR - locking	1
27	60-4926T1	ROD - pedal, decelerator	1
30	60-3702T1	SPRING - compression	1
34	60-6425T1	CABLE - throttle	1
35	225-14210	NUT - hex, No. 10 NF	1
40	H433283	JOINT - ball	1
41	163-55	SCREW - machine, hex head, No. 10 NC x 1-1/4 inch	1
42	90-7749T1	SPACER - joint	1
43	495-31025	WASHER - flat, 1/4 x 9/16 x 3/64 inch	1
44	231-14109	NUT - hex, self-locking, No. 10 NC	1



9370, 9380, and 9390 Tractor
THROTTLE CONTROLS
ROPS Models Only

3-9

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-5850T1	LEVER - throttle control.....	1
2	60-5851T1	PLATE - mounting, throttle control.....	1
3	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8.....	2
4	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	2
5	426-828	BOLT - hex, 1/2 NC x 1-3/4 inch, grade 8	1
6	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	2
7	54-294	WASHER - flat, 1/2 x 1-3/8 x 1/8 inch	2
8	19-5648	SPRING - Belleville, 1/2 inch.....	3
9	231-1448	NUT - hex, self-locking, 1/2 inch NC	1
12	60-2050T3	KNOB - control lever	1
13	19-5798	SCREW - set, No. 8 NC.....	1
17	60-6532T1	BRACKET - retaining, cable	1
18	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	2
19	425-105	NUT - hex, 5/16 inch NC	2
20	60-6424T1	CABLE - throttle	1
21	225-14210	NUT - hex, No. 10 NF.....	1
25	22-609	GROMMET - cable	1
27	163-55	SCREW - machine, hex head, No. 10 NC x 1-1/4 inch	1
28	H433283	JOINT - ball	1
29	90-7749T1	SPACER - throttle	1
30	231-14109	NUT - hex, self-locking, No. 10 NC	1



9370, 9380, and 9390 Tractor
ENGINE THROTTLE CONTROLS

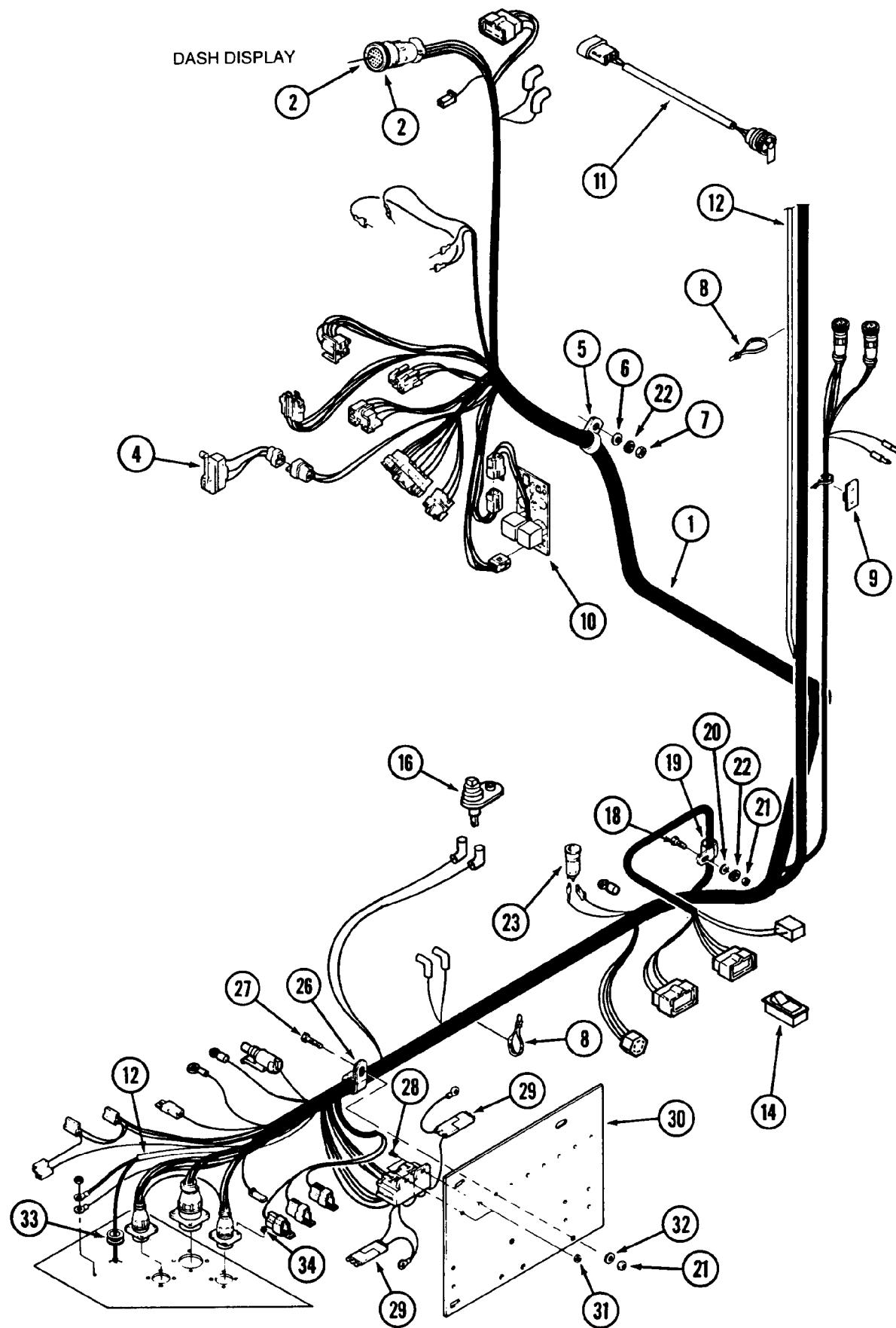
3-11

REF.	PART NO.	DESCRIPTION	REQ'D.
1	515-2395	CLAMP - P-type, 3/8 inch ID	1
2	414-916	BOLT - hex, 9/16 NF x 1 inch	2
3	425-106	NUT - hex, 3/8 inch NC	1
4	90-7643T1	BRACKET - throttle cable	1
5	60-6425T1	CABLE - throttle	1
6	225-14210	NUT - hex, No. 10 NF	1
7	H433283	JOINT - ball	1
8	163-55	SCREW - machine, hex head, No. 10 NC x 1-1/4 inch	1
9	90-7749T1	SPACER - joint	1
10	231-14109	NUT - hex, self-locking, No. 10 NC	1
11	495-31025	WASHER - flat, 1/4 x 9/16 x 3/64 inch.....	1
12	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	2

ALPHABETICAL INDEX

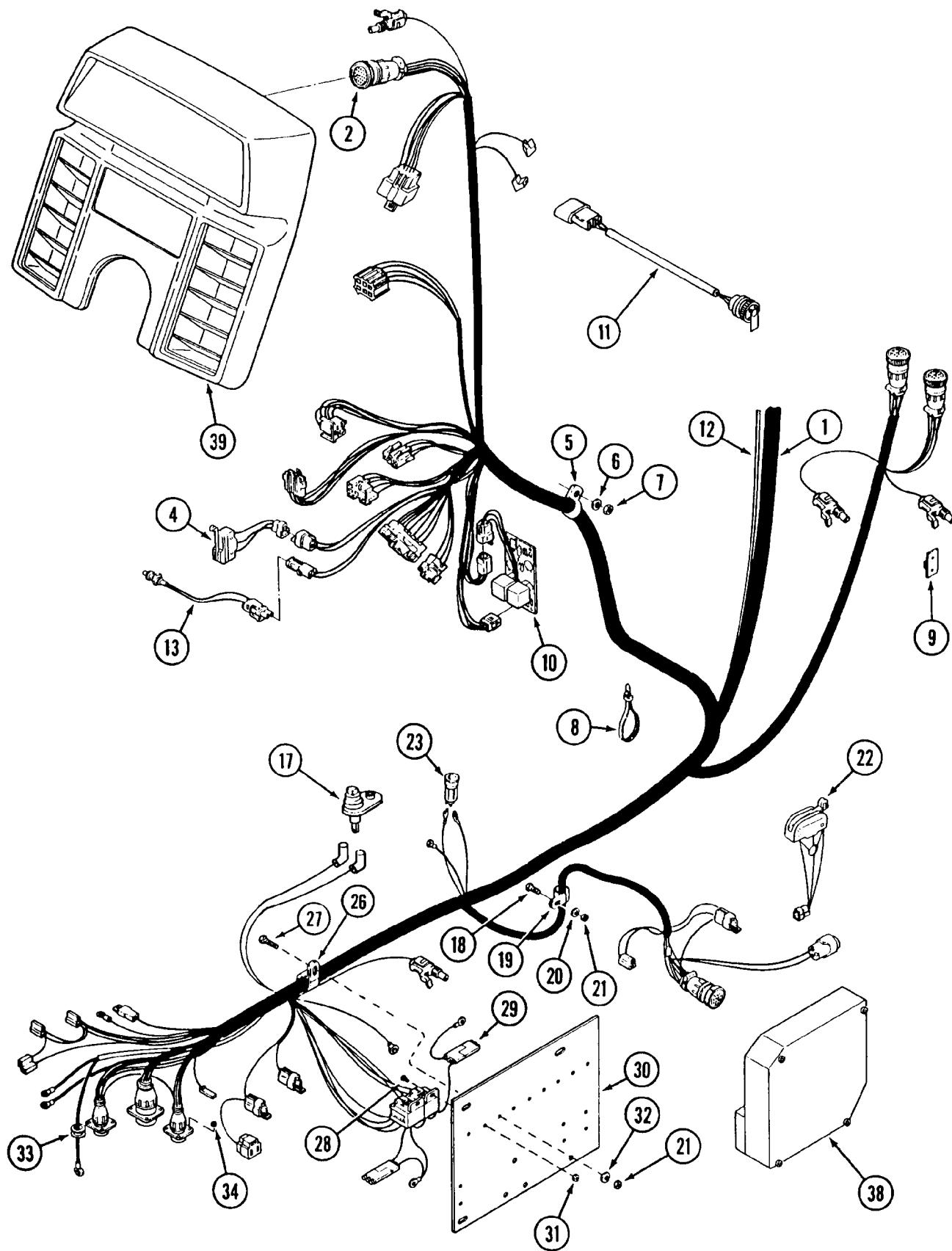
ELECTRICAL

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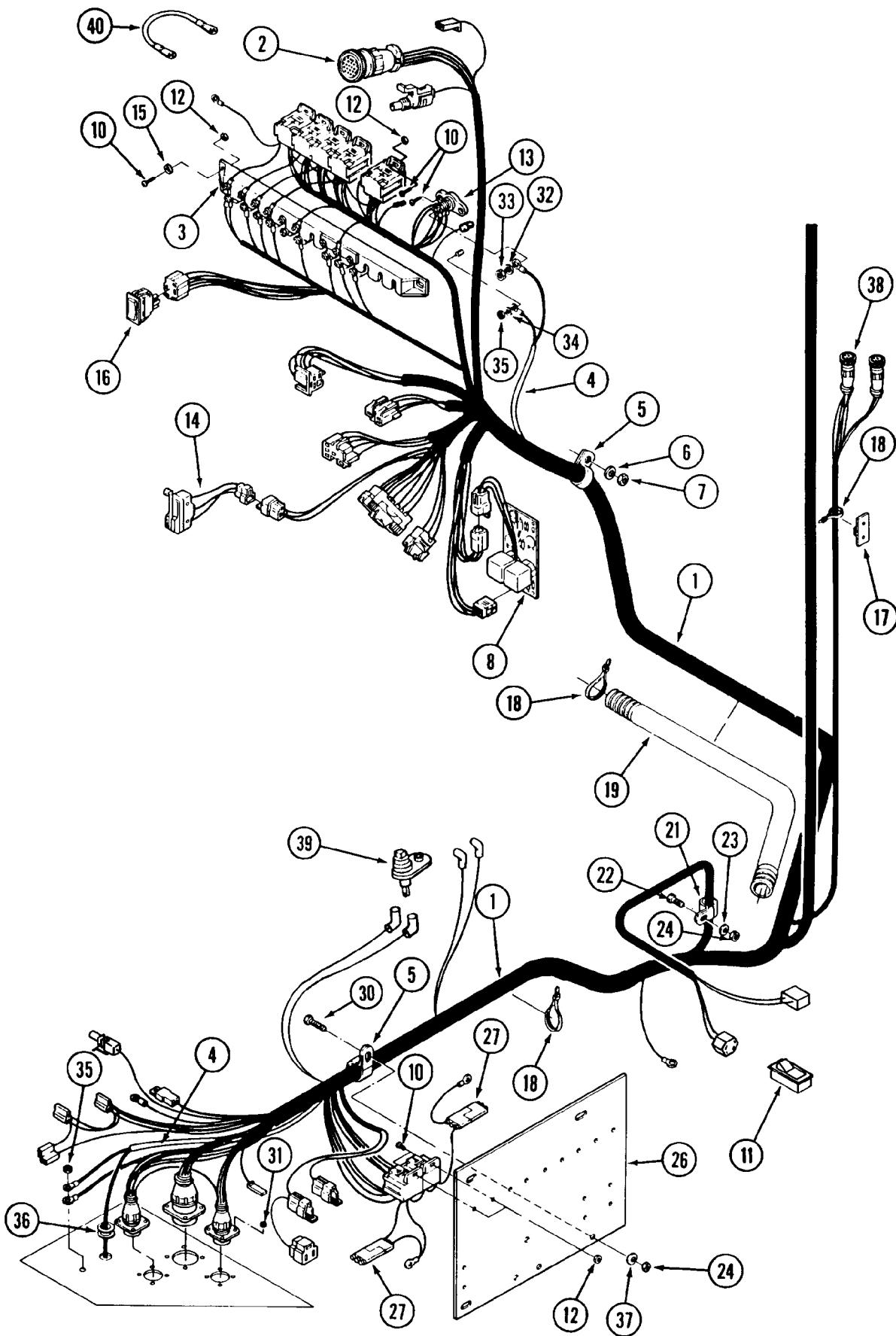
9370, 9380, and 9390 Tractor
LOWER CAB HARNESS
SynchroShift Tractor

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7060T3	HARNESS - cab main	1
2	60-6128T2	RING - coupling, socket	1
4	20-2340T91	SWITCH ASSEMBLY - micro, see page 6-113 for service parts	1
5	515-23270	CLAMP - P-type, 1-1/16 inch ID	1
6	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	2
7	425-104	NUT - hex, 1/4 inch NC	2
8	22-824	STRAP - tie, 7 inch	UAR
9	22-823	MOUNT - adhesive back, strap	1
10	REF	FLASHER ASSEMBLY - time base, parts list page 4-75	1
11	60-7089T2	HARNESS - auxiliary power	1
12	60-6807T1	HARNESS - overhead power, for complete overhead wiring system see page 4-11	1
14	245012C1	SWITCH - rocker, 2-speed	1
16	1534229C1	SWITCH - parking brake	1
18	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8	1
19	515-23238	CLAMP - P-type, 15/16 inch ID	1
20	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	1
21	232-4114	NUT - hex, self-locking, 1/4 inch NC	2
22	492-11025	WASHER - lock, 1/4 inch	5
23	1964773C1	LIGHTER - cigar, 12 volt, replaces 245576C1 lighter	1
26	515-23381	CLAMP - P-type, 1-1/2 inch ID	1
27	413-416	BOLT - hex, 1/4 NC x 1 inch	1
28	459-1108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch	2
29	22-738	DIODE - electrical	4
30	60-5052T3	PLATE - relay mounting	1
31	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF	2
32	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch	1
33	60-6853T1	BUSHING - protective	1
34	225-14106	NUT - hex, No. 6 NC	4



9370, 9380, and 9390 Tractor**LOWER CAB HARNESS****Power Shift Tractor**

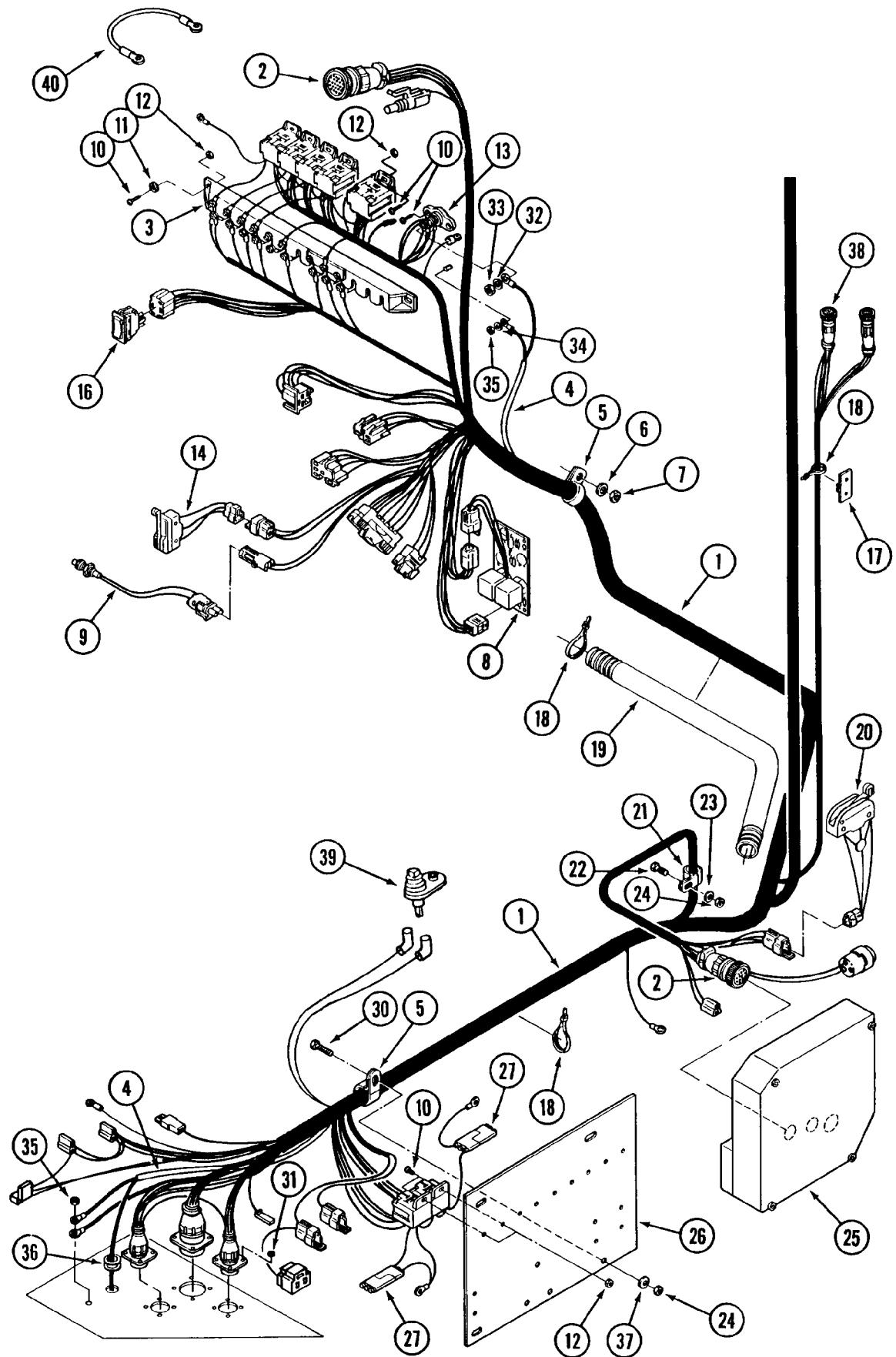
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7059T3	HARNESS - cab main	1
2	60-6128T2	RING - coupling, socket	2
4	20-2340T91	SWITCH ASSEMBLY - micro, see page 6-113 for service parts	1
5	515-23270	CLAMP - P-type, 1-1/16 inch ID	1
6	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	2
7	231-1446	NUT - hex, self-locking, 3/8 inch NC	2
8	22-824	STRAP - tie, 7 inch	UAR
9	22-823	MOUNT - adhesive back, strap	1
10	REF	FLASHER ASSEMBLY - time base, parts list page 4-75	1
11	60-7089T2	HARNESS - auxiliary power	1
12	60-6516T1	HARNESS - overhead, cab, for complete overhead wiring system see page 4-11	1
13	60-6027T1	SENSOR - proximity, clutch	1
17	1534229C1	SWITCH - parking brake	1
18	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8	1
19	515-23238	CLAMP - P-type, 15/16 inch ID, harness	1
20	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	1
21	232-4114	NUT - hex, self-locking, 1/4 inch NC	2
22	60-6059T91	SWITCH - mode lever	1
23	1964773C1	LIGHTER - cigar, 12 volt, replaces 245576C1 lighter	1
26	515-23381	CLAMP - P-type, 1-1/2 inch ID, harness	1
27	413-416	BOLT - hex, 1/4 NC x 1 inch	1
28	459-5108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch	2
29	22-738	DIODE - electrical	2
30	60-5052T3	PLATE - relay mounting	1
31	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF	2
32	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch	1
33	60-6853T1	BUSHING - rubber	1
34	225-14106	NUT - hex, No. 6 NC	4
38	60-7160T1	CONTROLLER - transmission, transmission, prior to P.I.N. JEE0071001 and after	1
38	60-7287T1	CONTROLLER - transmission, P.I.N. JEE0071001 and after	1
39	REF	INSTRUMENT PANEL - see page 4-31 for the electronic module, see page 9-53 or 9-55 for the instrument panel cover (cover for cab models shown)	1



9370, 9380, and 9390 Tractor
LOWER ROPS HARNESS
SynchroShift Tractor

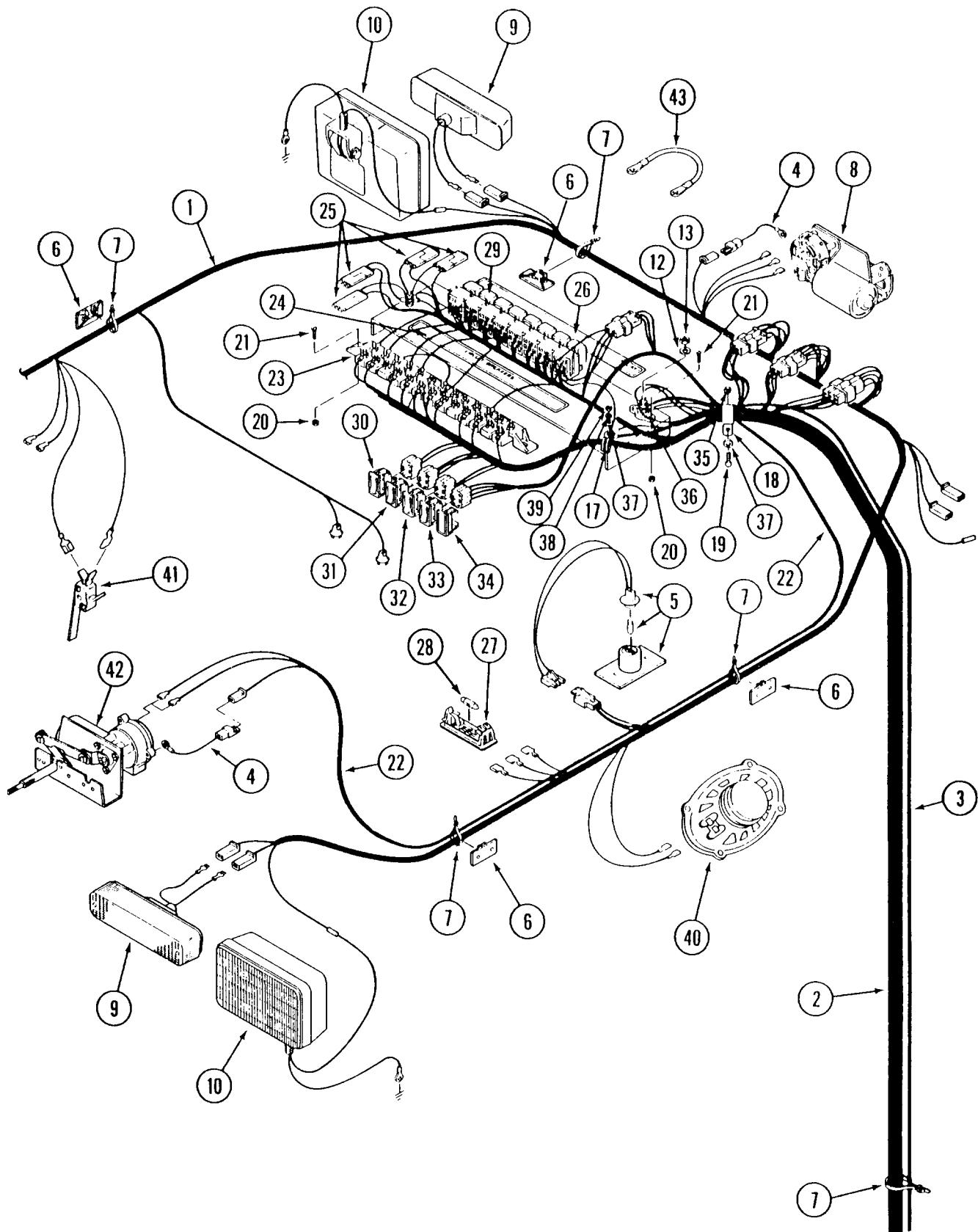
4-7

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7062T1	HARNESS - ROPS main	1
2	60-6128T2	RING - coupling, socket	1
3	22-674	BRACKET - mounting, circuit breaker	1
4	60-6803T1	HARNESS - overhead power, ROPS	1
5	515-23381	CLAMP - P-type, 1-1/2 inch ID	1
6	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	1
7	232-4136	NUT - hex, self-locking, 3/8 inch NC	1
8	REF	FLASHER ASSEMBLY - time base, parts list page 4-75	1
10	459-5108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch	8
11	245012C1	SWITCH - rocker, 2 speed	1
12	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF	8
13	20-1451T1	BLOCK - junction	1
14	20-2340T91	SWITCH ASSEMBLY - micro, see page 6-113 for service parts	1
15	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch	2
16	1964752C1	SWITCH - rocker, illumination	1
17	22-823	MOUNT - adhesive back, strap	1
18	22-824	STRAP - tie, 7 inch	UAR
19	50-2962T1	CONDUIT - 2362 mm (93 inch) long, cut from S119717X bulk conduit, see below	1
21	515-23381	CLAMP - P-type, 1-1/2 inch ID	1
22	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8	1
23	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	1
24	232-4114	NUT - hex, self-locking, 1/4 inch NC	2
26	60-5052T3	PLATE - relay mounting	1
27	22-738	DIODE - electrical	2
30	413-416	BOLT - hex, 1/4 NC x 1 inch	1
31	230-14106	NUT - hex, self-locking, No. 6 NC	12
32	19-5577	WASHER - lock, 3/8 inch	1
33	115772	NUT - hex, special, 3/8 inch NC	1
34	492-11025	WASHER - lock, 1/4 inch	1
35	425-104	NUT - hex, 1/4 inch NC	1
36	60-6853T1	BUSHING - rubber	1
37	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch	1
38	60-6127T2	RING - lock	1
39	1534229C1	SWITCH - parking brake	1
40	60-6804T2	CABLE - ground, ROPS, if used	1
	S119717X	CONDUIT - bulk, 25 (1) ID x 4877 mm (192 inch) long	UAR



**9370, 9380, and 9390 Tractor
LOWER ROPS HARNESS
Power Shift Tractor**

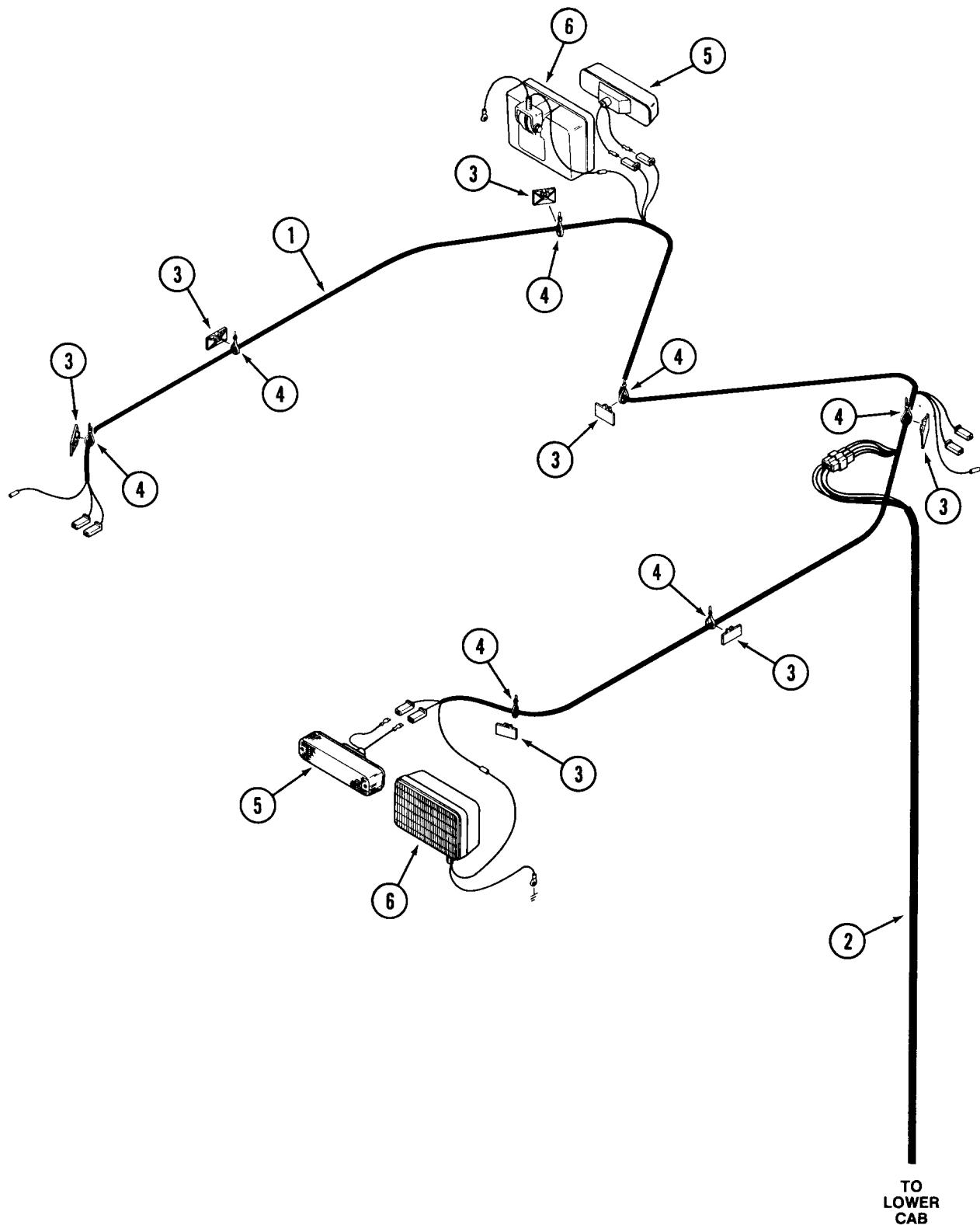
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7061T2	HARNESS - ROPS main	1
2	60-6128T2	RING - coupling, socket	2
3	22-674	BRACKET - mounting, circuit breaker	1
4	60-6803T1	HARNESS - overhead power, ROPS	1
5	515-23381	CLAMP - P-type, 1-1/2 inch ID, harness	2
6	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	1
7	232-4136	NUT - hex, self-locking, 3/8 inch NC	1
8	REF	FLASHER ASSEMBLY - time base, parts list page 4-75	1
9	60-6027T1	SENSOR - proximity, clutch	1
10	459-5108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch	8
11	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch	2
12	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF	8
13	20-1451T1	BLOCK - junction	1
14	20-2340T91	SWITCH ASSEMBLY - micro, clutch, see page 6-113 for service parts	1
16	1964752C1	SWITCH - rocker, illumination	1
17	22-823	MOUNT - adhesive back, strap	1
18	22-824	STRAP - tie, 7 inch	UAR
19	50-2962T1	CONDUIT - 2362 mm (93 inch) long, cut from S119717X bulk conduit, see below	1
20	60-6059T91	SWITCH - neutral	1
21	515-23238	CLAMP - P-type, 15/16 inch ID, harness	1
22	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8	1
23	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	1
24	232-4114	NUT - hex, self-locking, 1/4 inch NC	2
25	60-7160T1	CONTROLLER - transmission, prior to P.I.N. JEE0071001	1
25	60-7287T1	CONTROLLER - transmission, P.I.N. JEE0071001 and after	1
26	60-5052T3	PLATE - relay mounting	1
27	22-738	DIODE - electrical	2
30	413-416	BOLT - hex, 1/4 NC x 1 inch	1
31	230-14106	NUT - hex, self-locking, No. 6 NC	12
32	19-5577	WASHER - lock, 3/8 inch	1
33	115772	NUT - hex, special, 3/8 inch NC	1
34	492-11025	WASHER - lock, 1/4 inch	1
35	425-104	NUT - hex, 1/4 inch NC	1
36	60-6853T1	BUSHING - rubber	1
37	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch	1
38	60-6127T2	RING - lock	1
39	1534229C1	SWITCH - parking brake	1
40	60-6804T2	CABLE - ground, ROPS, if used	1
	S119717X	CONDUIT - bulk, 25 (1) ID x 4877 mm (192 inch) long	UAR



9370, 9380, and 9390 Tractor
OVERHEAD CAB HARNESS

4-11

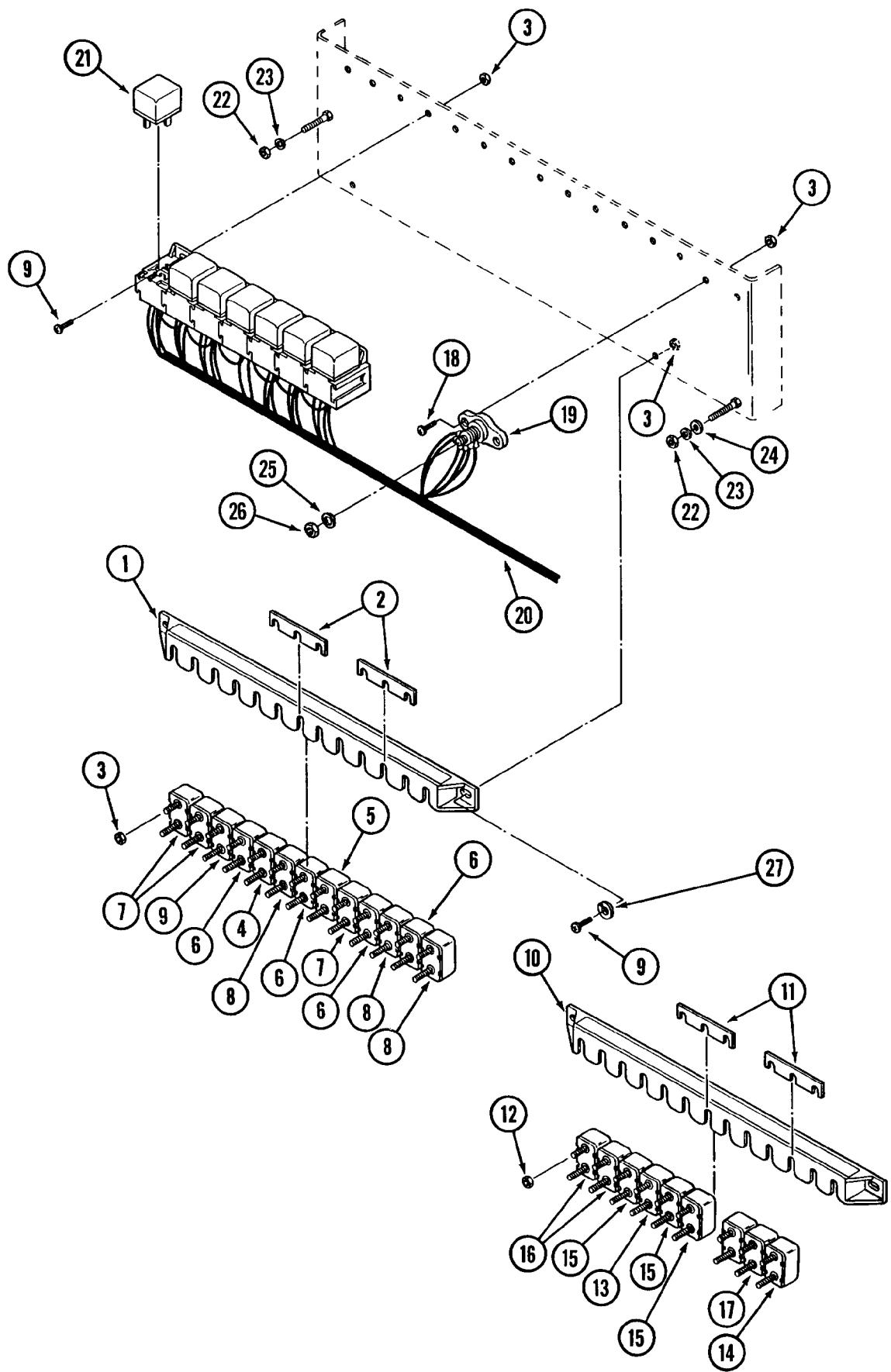
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6516T1	HARNESS - overhead, cab	1
2	REF	HARNESS - main, cab, see pages 4-3 and 4-5 for correct harness	1
3	60-6807T1	HARNESS - overhead power, cab.	1
4	60-7091T1	CABLE - ground, wiper	2
5	83882C91	LAMP ASSEMBLY - console illumination	1
6	22-823	MOUNT - adhesive back, strap	6
7	22-824	STRAP - tie, 7 inch	UAR
8	REF	DRIVE ASSEMBLY - wiper, front, see page 4-67 for service parts	1
9	22-665T1	LAMP ASSEMBLY - warning, parts list page 4-49	1
10	ZAA7189850	LAMP ASSEMBLY - flood, replaces 20-1730T92 lamp, parts list page 4-45.....	1
12	19-5577	WASHER - lock, 3/8 inch.....	1
13	115772	NUT - hex, special, 3/8 inch NC	1
17	515-23190	CLAMP - P-type, 3/4 inch ID	1
18	515-23317	CLAMP - P-type, 1-1/4 inch ID	1
19	413-416	BOLT - hex, 1/4 NC x 1 inch	1
20	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF.....	4
21	459-5108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch.....	4
22	60-6523T1	HARNESS - rear wiper	1
23	REF	BREAKER ASSEMBLY - circuit, parts list page 4-15	1
24	60-6297T1	DECAL - circuit breaker.....	1
25	22-738	DIODE - electrical	4
26	60-7064T1	DECAL - overhead relay	1
27	1983391C1	LAMP - dome.....	1
28	E35556	BULB - lamp.....	1
29	1983394C2	RELAY - mini, 12 volt.....	7
30	1964752C1	SWITCH - rocker, master lamp	1
31	245012C1	SWITCH - rocker, dash lamp.....	1
32	1964751C1	SWITCH - rocker, ether start.....	1
33	1987431C1	SWITCH - rocker, rear wiper	1
34	245334C1	PLUG - panel switch cover, replaces 60-3210T1 plug	1
35	232-4114	NUT - hex, self-locking, 1/4 inch NC	1
36	20-1451T1	BLOCK - junction	1
37	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch.....	3
38	492-11025	WASHER - lock, 1/4 inch	2
39	231-1444	NUT - hex, self-locking, 1/4 inch NC	3
40	60-5748T1	SPEAKER - radio.....	2
41	60-6515T1	SWITCH - lamp, door, see page 9-69 for mounting hardware	1
42	REF	DRIVE ASSEMBLY - wiper, rear, see page 4-69 for service parts	1
43	60-6804T2	CABLE - ground, ROPS, overhead door, if used.....	1



**9370, 9380, and 9390 Tractor
OVERHEAD ROPS HARNESS**

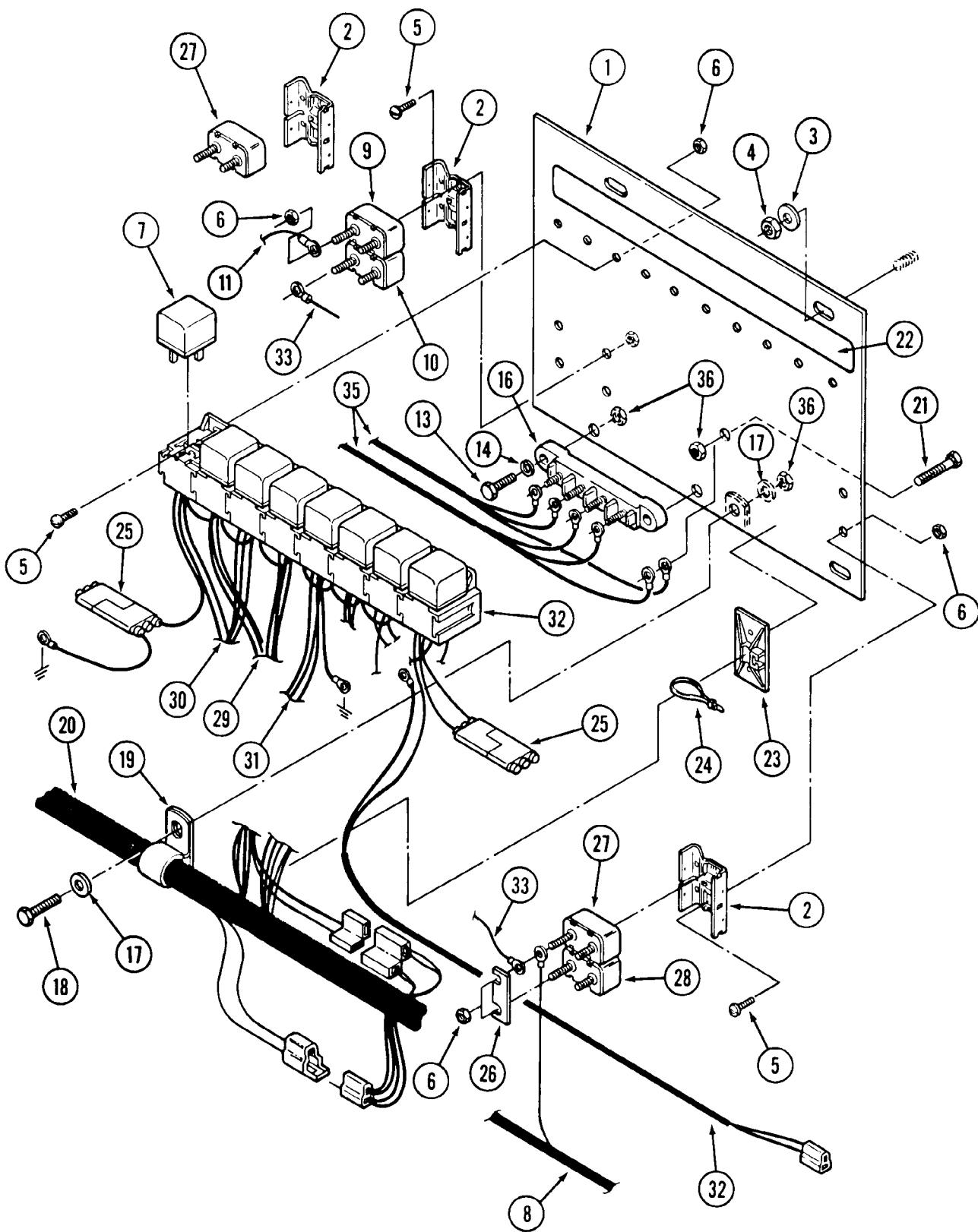
4-13

REF.	PART NO.	DESCRIPTION	REQ'D.
1	20-2483T1	HARNESS - overhead	1
2	REF	HARNESS - main ROPS, see page 4-7 and 4-9 for correct harness	1
3	22-823	MOUNT - adhesive back, strap	7
4	22-824	STRAP - tie, 7 inch	UAR
5	22-665T1	LAMP ASSEMBLY - warning, parts list page 4-49	4
6	ZAA7189850	LAMP ASSEMBLY - flood, replaces 20-1730T92 lamp, parts list page 4-49.....	4



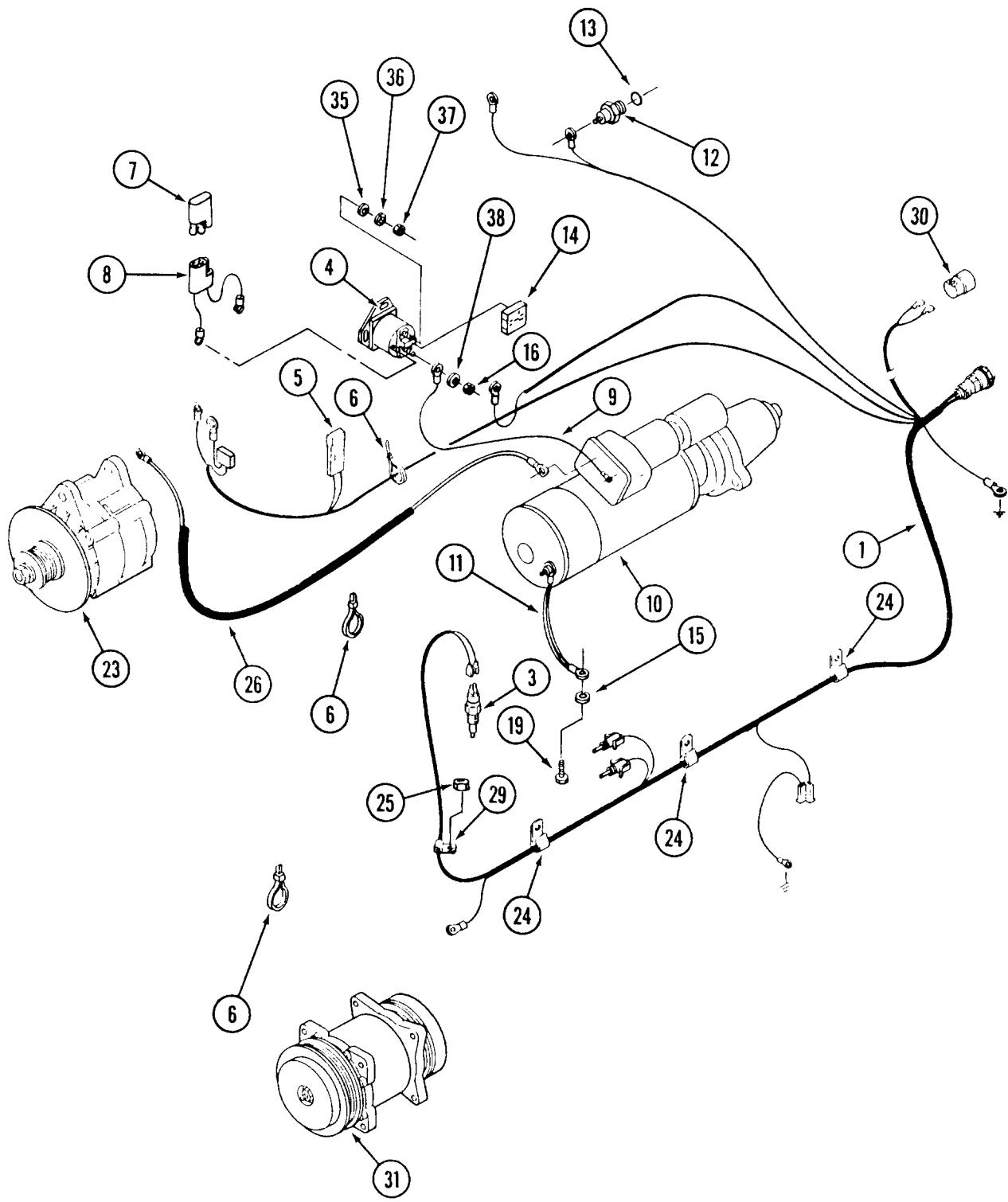
OVERHEAD CIRCUIT BREAKERS AND SOLENOIDS

REF.	PART NO.	DESCRIPTION	REQ'D.
	60-7057T92	BREAKER ASSEMBLY - circuit, no longer available, order component parts separately	2
1	22-674	BRACKET - mounting, circuit breaker	1
2	22-676	CONNECTOR - circuit breaker	2
3	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF	UAR
4	22-809	BREAKER - circuit, 5 ampere	1
5	22-670	BREAKER - circuit, 10 ampere	1
6	22-671	BREAKER - circuit, 15 ampere	4
7	245765C1	BREAKER - circuit, 30 ampere	3
8	22-672	BREAKER - circuit, 20 ampere	3
9	A45686	BREAKER - circuit, 40 ampere	1
	60-7063T91	BREAKER ASSEMBLY - circuit.	1
10	22-674	BRACKET - mounting, circuit breaker	1
11	22-676	CONNECTOR - circuit breaker	2
12	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF	9
13	22-809	BREAKER - circuit, 5 ampere	1
14	22-670	BREAKER - circuit, 10 ampere	1
15	22-671	BREAKER - circuit, 15 ampere	4
16	245765C1	BREAKER - circuit, 30 ampere, replaces 22-673 breaker	2
17	22-672	BREAKER - circuit, 20 ampere	1
18	459-5108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch	UAR
19	20-1451T1	BLOCK - junction	1
20	REF	HARNESS - main cab, see page 4-3 and 4-5 for correct harness	1
20	REF	HARNESS - main ROPS, see page 4-7 and 4-9 for correct harness	1
21	1983394C2	RELAY - mini, 12 volt.	8
22	425-104	NUT - hex, 1/4 inch NC	3
23	492-11025	WASHER - lock, 1/4 inch.	2
24	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch.	2
25	19-5577	WASHER - lock, 3/8 inch.	1
26	115772	NUT - hex, special, 3/8 inch NC	1
27	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.	2



SYSTEMS CIRCUIT BREAKERS AND SOLENOIDS

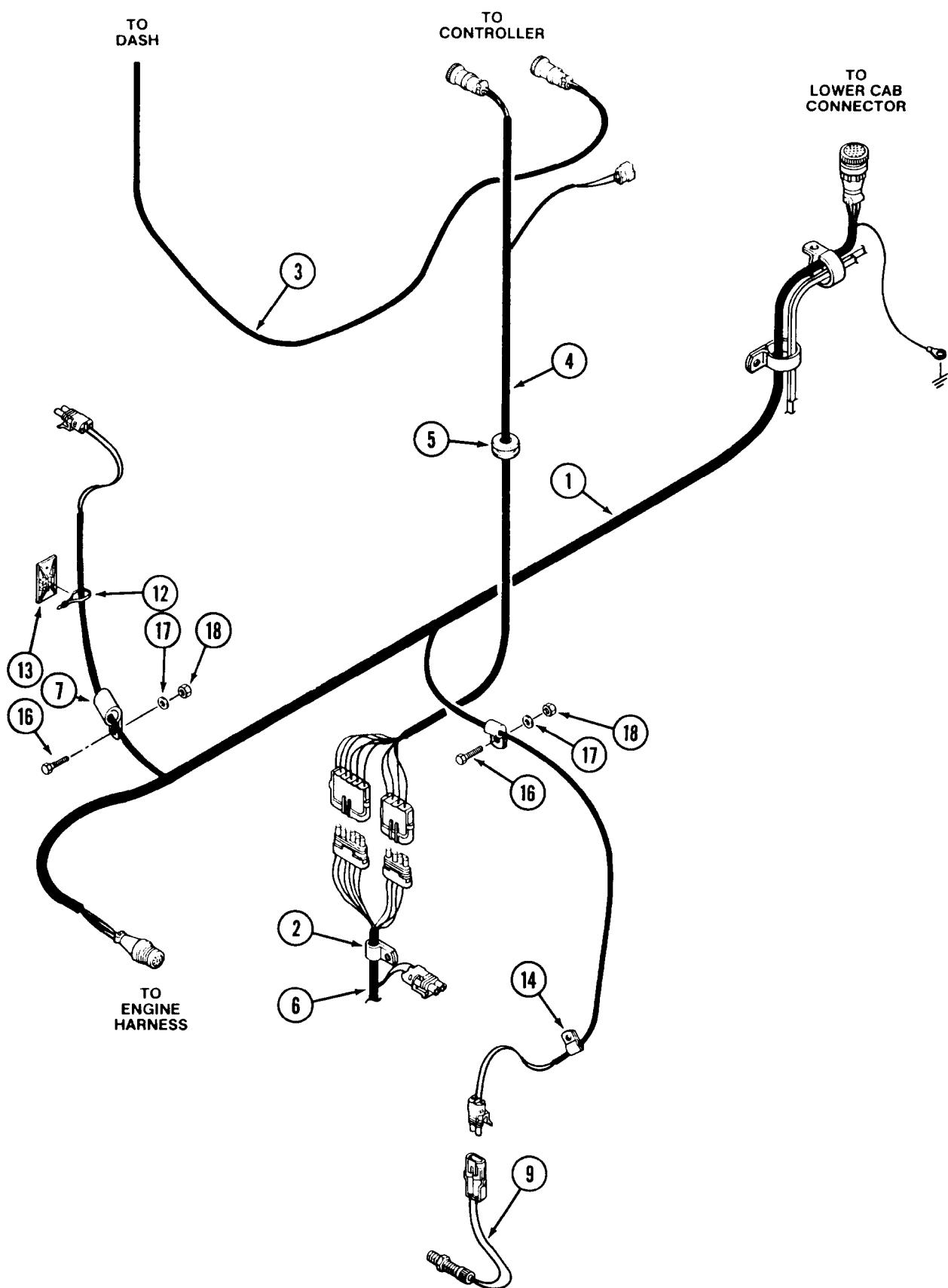
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-5052T3	PLATE - relay mounting.....	1
2	20-1171T1	BRACKET - mounting, circuit breaker.....	3
3	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	3
4	231-1445	NUT - hex, self-locking, 5/16 inch NC	3
5	459-5108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch.....	UAR
6	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF.....	UAR
7	1983394C2	RELAY - mini, 12 volt.....	UAR
8	REF	HARNESS - overhead power, see page 4-11 for correct harness	1
9	22-809	BREAKER - circuit, 5 ampere	1
10	245765C1	BREAKER - circuit, 30 ampere	1
11	60-7037T1	CABLE - three point hitch	1
13	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8.....	2
14	492-11025	WASHER - lock, 1/4 inch.....	2
16	20-1514T1	BLOCK - junction	1
17	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch.....	2
18	426-416	BOLT - hex, 1/4 NC x 1 inch, grade 8	1
19	515-23381	CLAMP - P-type, 1-1/2 inch ID	1
20	REF	HARNESS - main, cab, see page 4-3 and 4-5 for correct harness	1
20	REF	HARNESS - main, ROPS, see page 4-7 and 4-9 for correct harness	1
21	19-5773	SCREW - machine, Keps head, 1/4 NC x 1-1/4 inch.....	1
22	60-7158T1	DECAL - relay	1
23	22-823	MOUNT - adhesive back, strap	1
24	22-824	STRAP - tie, 7 inch	UAR
25	22-738	DIODE - electrical	UAR
26	22-677	CONNECTOR - circuit breaker	1
27	22-670	BREAKER - circuit, 10 ampere	2
28	22-671	BREAKER - circuit, 15 ampere	1
29	60-6339T1	HARNESS - relay, rear differential lock	1
30	60-6340T1	HARNESS - relay, front differential lock	1
31	60-7017T2	HARNESS - electronic depth control, prior to P.I.N. JEE0069665, use with item 14, 50-3321T91 valve on page 4-79.....	1
31	60-7274T1	HARNESS - electronic depth control, P.I.N. JEE0069665 and after, use with item 14, 246245A1 valve on page 4-81	1
32	60-6162T1	HARNESS - air seat	1
33	60-6303T1	WIRE - circuit breaker	1
35	20-2484T1	HARNESS - differential, front and rear	2
36	231-1444	NUT - hex, self-locking, 1/4 inch NC	4



9370, 9380, and 9390 Tractor
ENGINE HARNESS

4-19

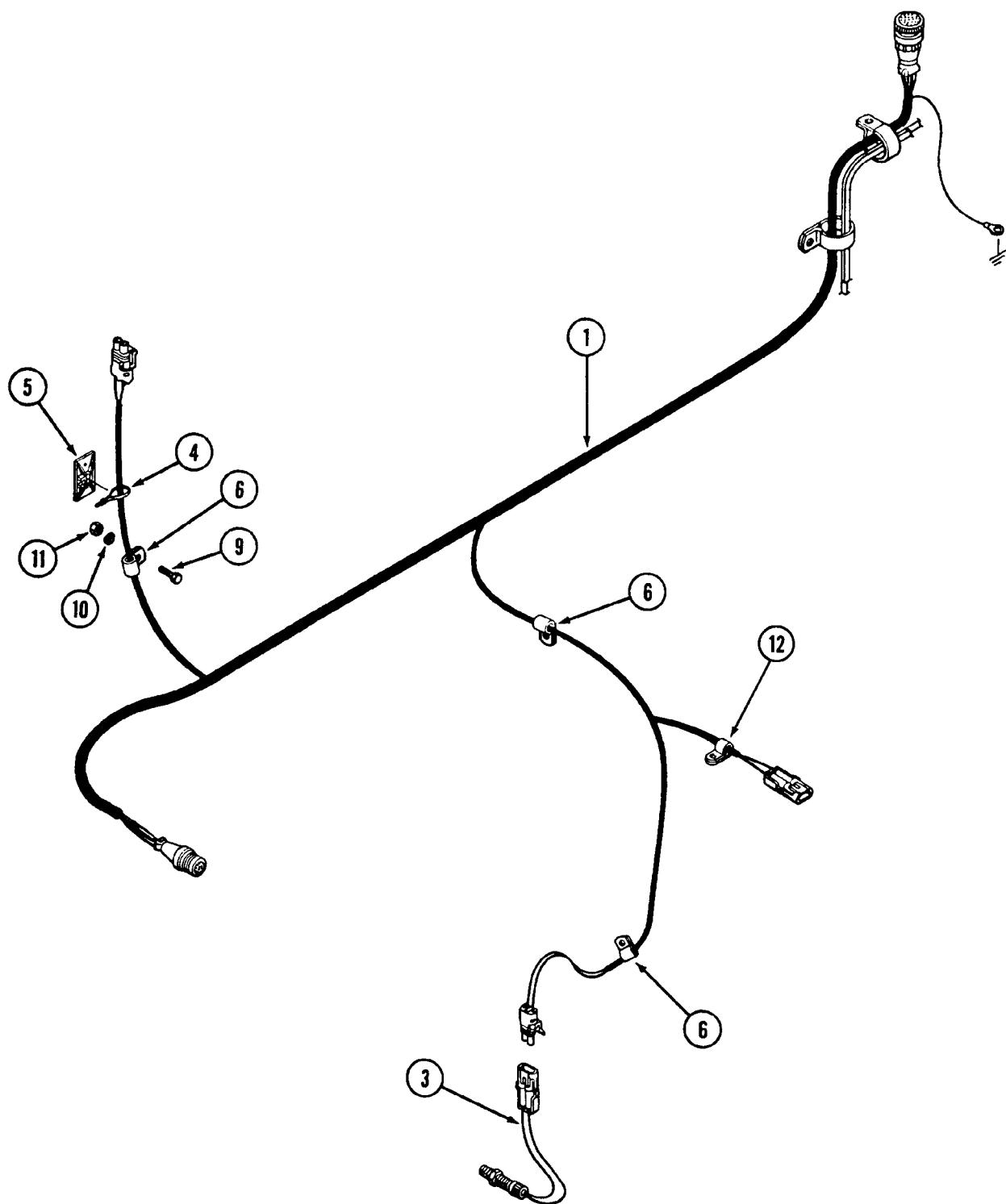
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7166T2	HARNESS - engine	1
2	*492-11010	WASHER - lock, No. 10, not shown	1
3	20-1676T2	SWITCH - temperature, sender, coolant	1
4	*183038A1	SWITCH - solenoid with cover, starter.....	1
5	60-6251T1	DIODE - electrical	1
6	22-824	STRAP - tie, 7 inch	5
7	22-738	DIODE - electrical	1
8	60-7238T1	HARNESS - diode	1
9	60-7237T1	WIRE - jumper, starter to switch, replaces 20-2463T2 wire	1
10	140855A2	KIT - starter, 12 volt, Delco Remy, parts list page 4-41.....	1
11	60-6862T1	CABLE - ground, engine to starter.....	1
12	60-6935T1	SWITCH - temperature, transmission filter, see page 8-35 for correct assembly and component parts.....	1
13	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
14	*178148A1	COVER - solenoid switch, order 178149A1 kit, below.....	1
15	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	1
16	*425-105	NUT - hex, 5/16 inch NC	2
17	*L18337	STRAP - tie, 15 inch, not shown	2
19	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	1
23	1987560C1	ALTERNATOR ASSEMBLY - engine, 125 amp, parts list page 4-47	1
24	358986R1	CLAMP - P-type	3
25	231-1445	NUT - hex, self-locking, 5/16 inch NC	1
26	60-6860T1	CABLE - alternator.....	1
28	*225-14210	NUT - hex, No. 10 NF, not shown	1
29	515-2395	CLAMP - P-type, 3/8 inch ID	1
30	1983233C1	SWITCH - restriction, air cleaner.....	1
31	1999755C2	COMPRESSOR ASSEMBLY - air conditioning, parts list page 9-107	1
35	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	2
36	492-11025	WASHER - lock, 1/4 inch.....	2
37	425-104	NUT - hex, 1/4 inch NC	2
38	*492-11031	WASHER - lock, 5/16 inch.....	2
	*178149A1	KIT - solenoid switch, with barrier and cover, includes all items above marked with an asterisk	1



9370, 9380, and 9390 Tractor
TRANSMISSION HARNESS
Power Shift Transmission

4-21

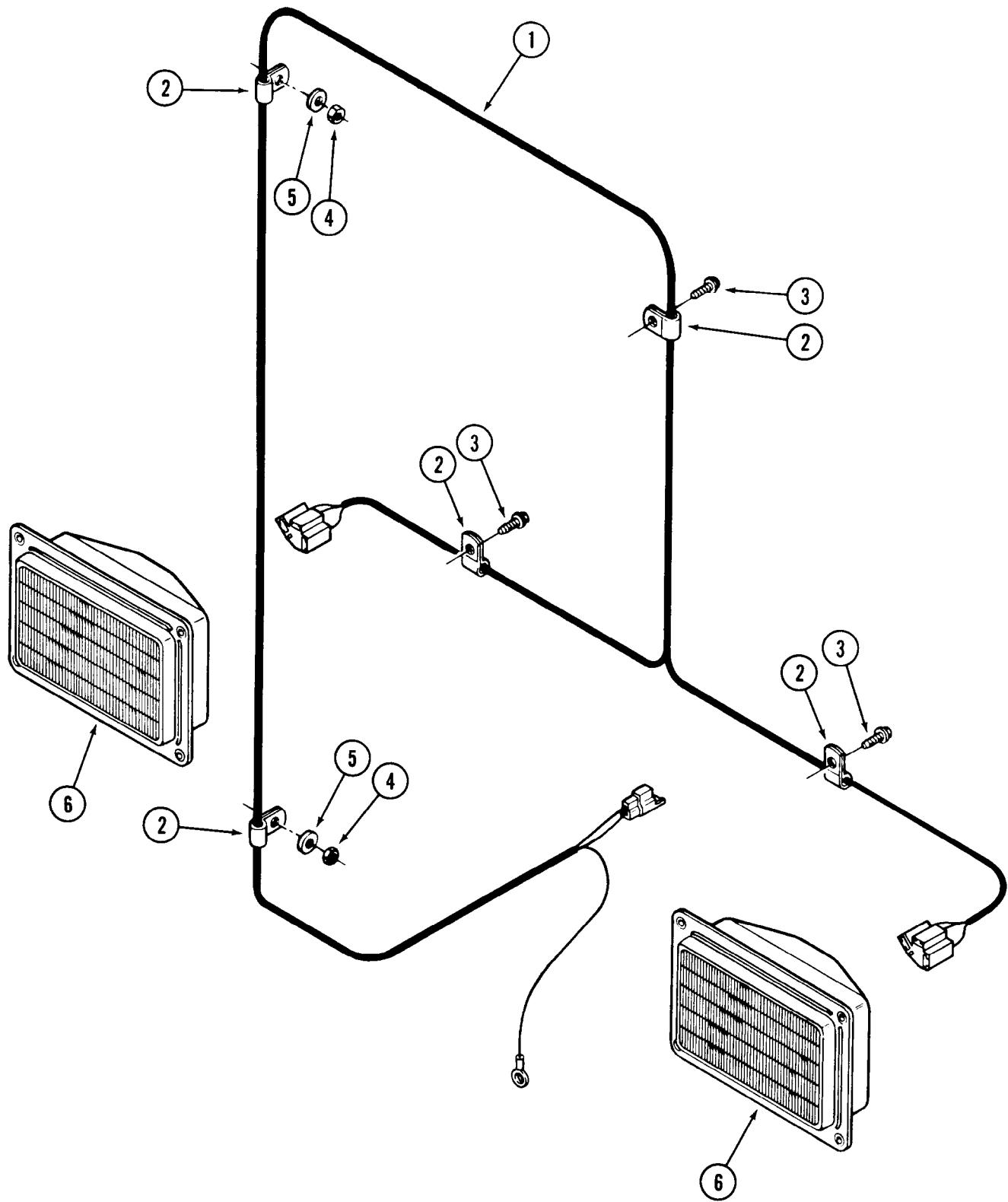
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7171T1	HARNESS - transmission, includes clamps	1
2	515-23127	CLAMP - P-type, 1/2 inch ID	1
3	60-6089T1	HARNESS - dash display	1
4	60-6288T1	HARNESS - transmission solenoid	1
5	1-1051	GROMMET - protective	1
6	60-6800T1	HARNESS - transmission solenoid	1
7	515-2395	CLAMP - P-type, 3/8 inch ID	2
9	60-7204T1	SENSOR - magnetic, MPH, replaces 60-6085T1 sensor	1
12	22-824	STRAP - tie, 7 inch	UAR
13	22-823	MOUNT - adhesive back, strap	1
14	515-2363	CLAMP - P-type, 1/4 inch ID	1
16	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.....	3
17	492-11031	WASHER - lock, 5/16 inch.....	3
18	425-105	NUT - hex, 5/16 inch NC	3



**9370, 9380, and 9390 Tractor
TRANSMISSION HARNESS
SynchroShift Transmission**

4-23

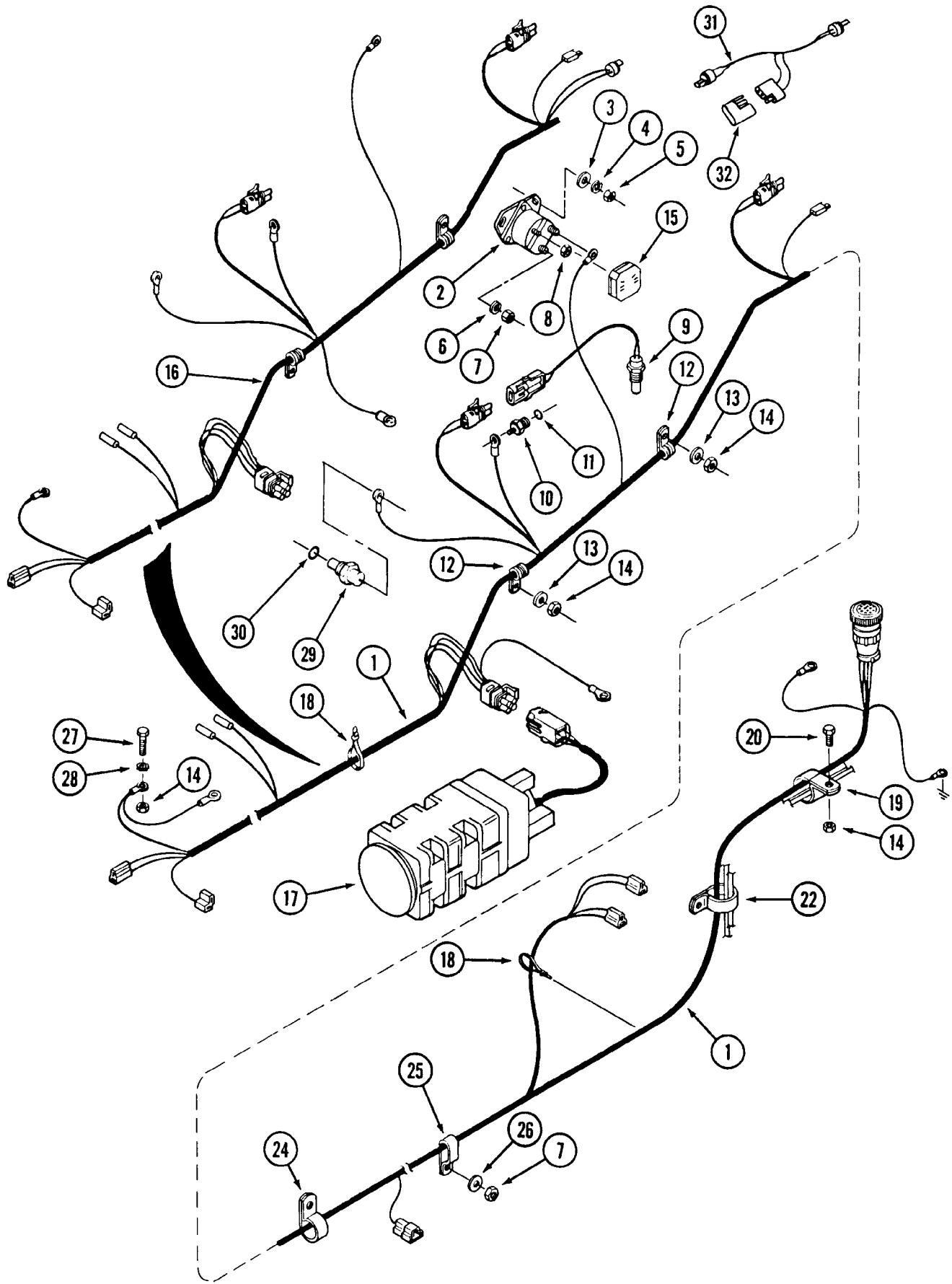
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7074T1	HARNESS - transmission	1
3	60-7204T1	SENSOR - magnetic, MPH, replaces 60-6085T1 sensor	1
4	22-824	STRAP - tie, 7 inch	1
5	22-823	MOUNT - adhesive back, strap	1
6	515-2395	CLAMP - P-type, 3/8 inch ID	4
9	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.....	1
10	492-11031	WASHER - lock, 5/16 inch.....	1
11	425-105	NUT - hex, 5/16 inch NC	1
12	515-2563	CLAMP - P-type, 1/4 inch ID	1



9370, 9380, and 9390 Tractor
FRONT HEADLAMP HARNESS

4-25

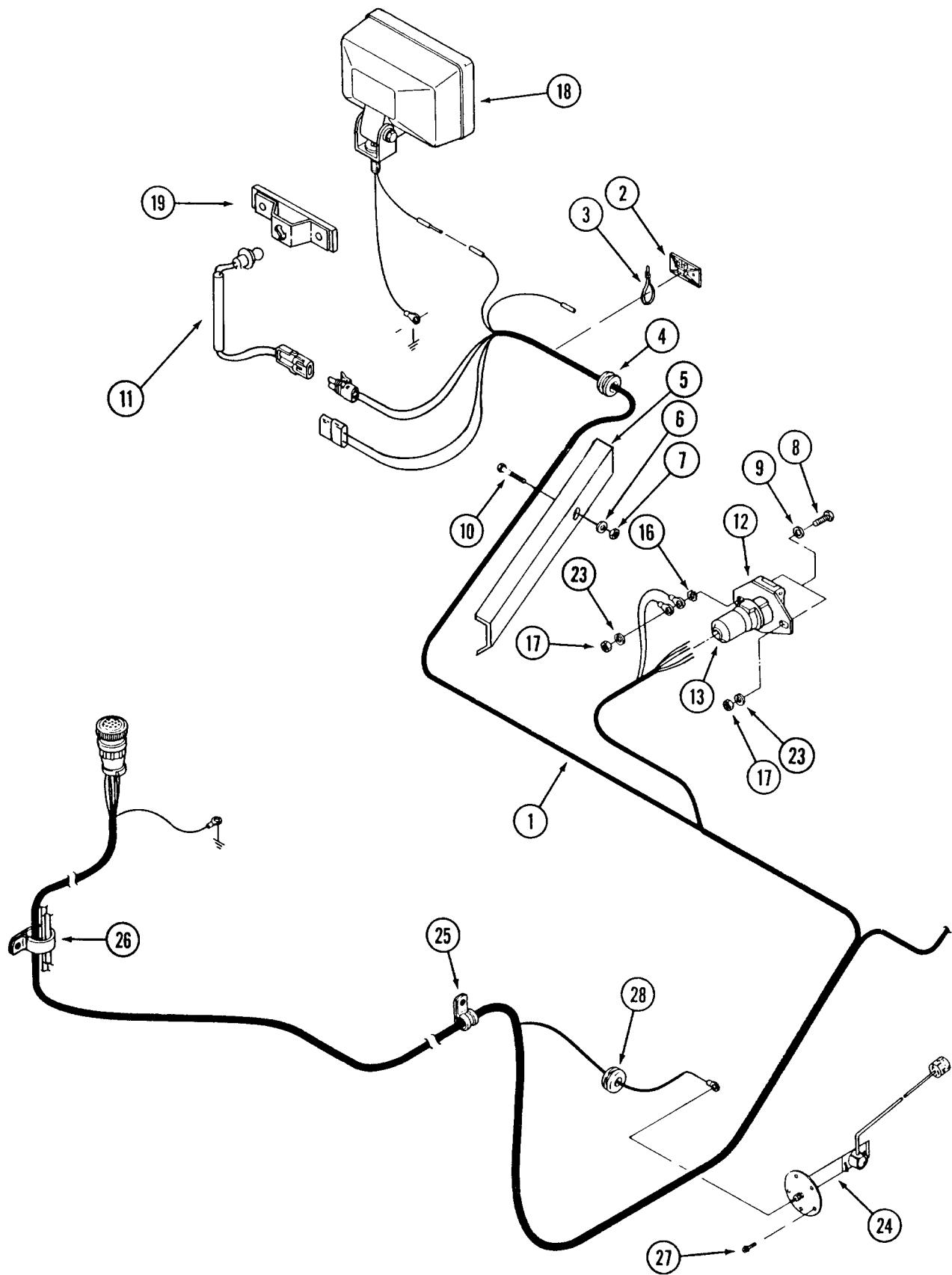
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6783T2	HARNESS - headlamp, front.....	1
2	515-2395	CLAMP - P-type, 3/8 inch ID, tube.....	5
3	281-14712	SCREW - self-tapping, hex washer head, 1/4 NC x 3/4 inch.....	3
4	425-106	NUT - hex, 3/8 inch NC	3
5	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	3
6	60-6731T1	LAMP - sealed beam, see page 4-49 for mounting hardware, replaces 60-6730T92 lamp.....	2



**9370, 9380, and 9390 Tractor
FRONT FRAME HARNESS**

4-27

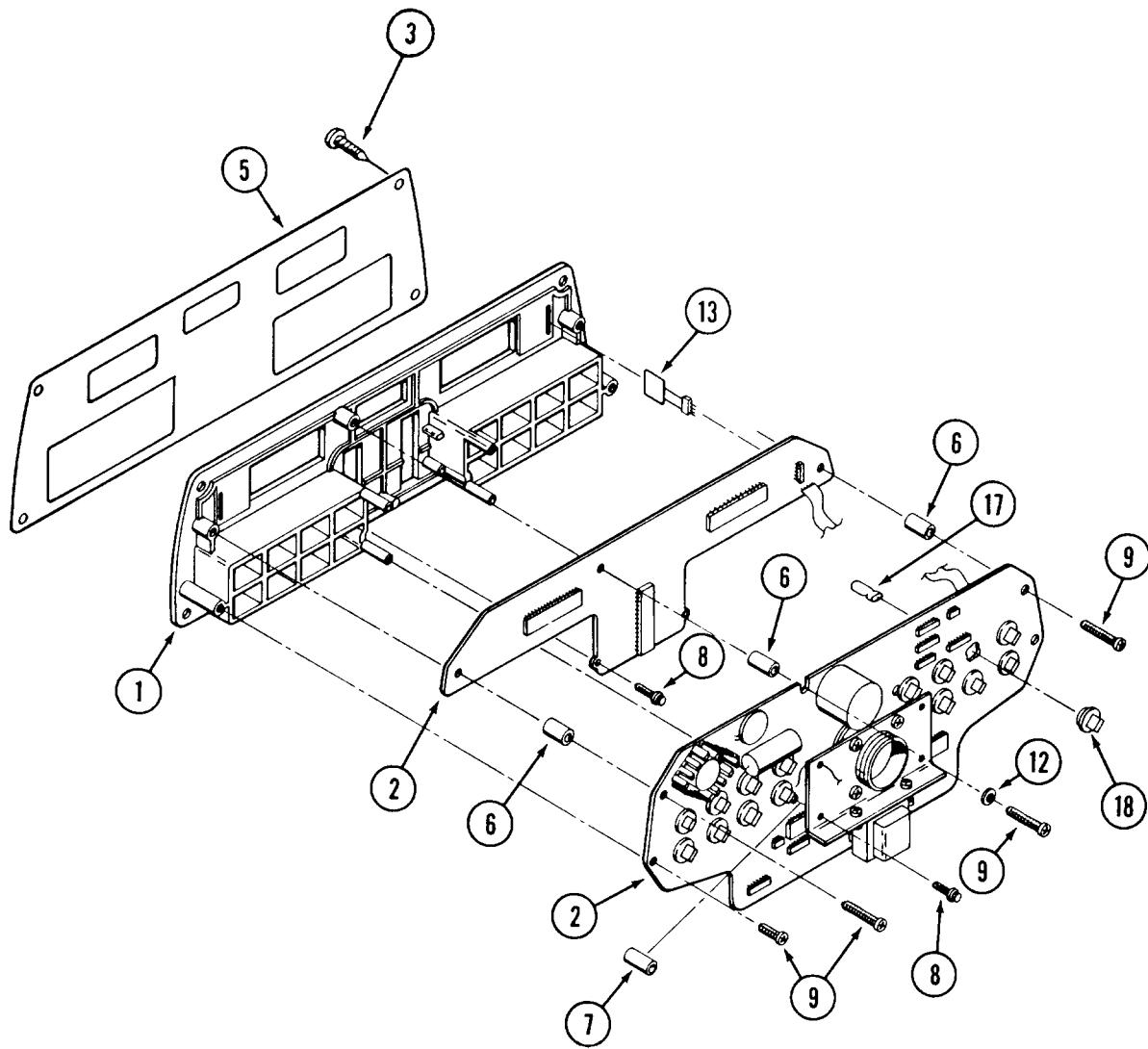
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7077T2	HARNESS - front frame, replaced by item 16, 60-7077T4 harness, when ordering also supply items 31 and 32	1
2	183038A1	SWITCH - solenoid with cover.....	1
3	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	2
4	492-11025	WASHER - lock, 1/4 inch.....	2
5	425-104	NUT - hex, 1/4 inch NC	2
6	492-11031	WASHER - lock, 5/16 inch.....	2
7	425-105	NUT - hex, 5/16 inch NC	3
8	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF.....	1
9	1964538C1	SWITCH - temperature, hydraulic, low	1
10	REF	SWITCH - restriction, hydraulic filter, see page 8-35 for correct assembly and component parts.....	1
11	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
12	515-23127	CLAMP - P-type, 1/2 inch ID	2
13	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	2
14	425-106	NUT - hex, 3/8 inch NC	2
15	178148A1	COVER - solenoid switch	1
16	60-7077T4	HARNESS - front frame, replaces item 1, 60-7077T2 harness, when ordering also supply (1) item 32	1
17	228760A1	SENSOR - speed, ground, replaces 1983294C1 sensor	1
18	22-824	STRAP - tie, 7 inch	UAR
19	515-23508	CLAMP - P-type, 2 inch ID.....	1
20	413-612	BOLT - hex, 3/8 NC x 3/4 inch.....	1
22	515-23381	CLAMP - P-type, 1-1/2 inch ID	1
24	515-23317	CLAMP - P-type, 1-1/4 inch ID	1
25	31-1070	CLAMP - extended P-type.....	1
26	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	1
27	413-620	BOLT - hex, 3/8 NC x 1-1/4 inch	1
28	493-41039	WASHER - external tooth lock, 3/8 inch	1
29	60-6935T1	SWITCH - temperature, high, hydraulic filter.....	1
30	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
31	60-7239T1	HARNESS - diode, axle lube solenoid.....	1
32	22-738	DIODE - electrical	2



**9370, 9380, and 9390 Tractor
REAR FRAME HARNESS**

4-29

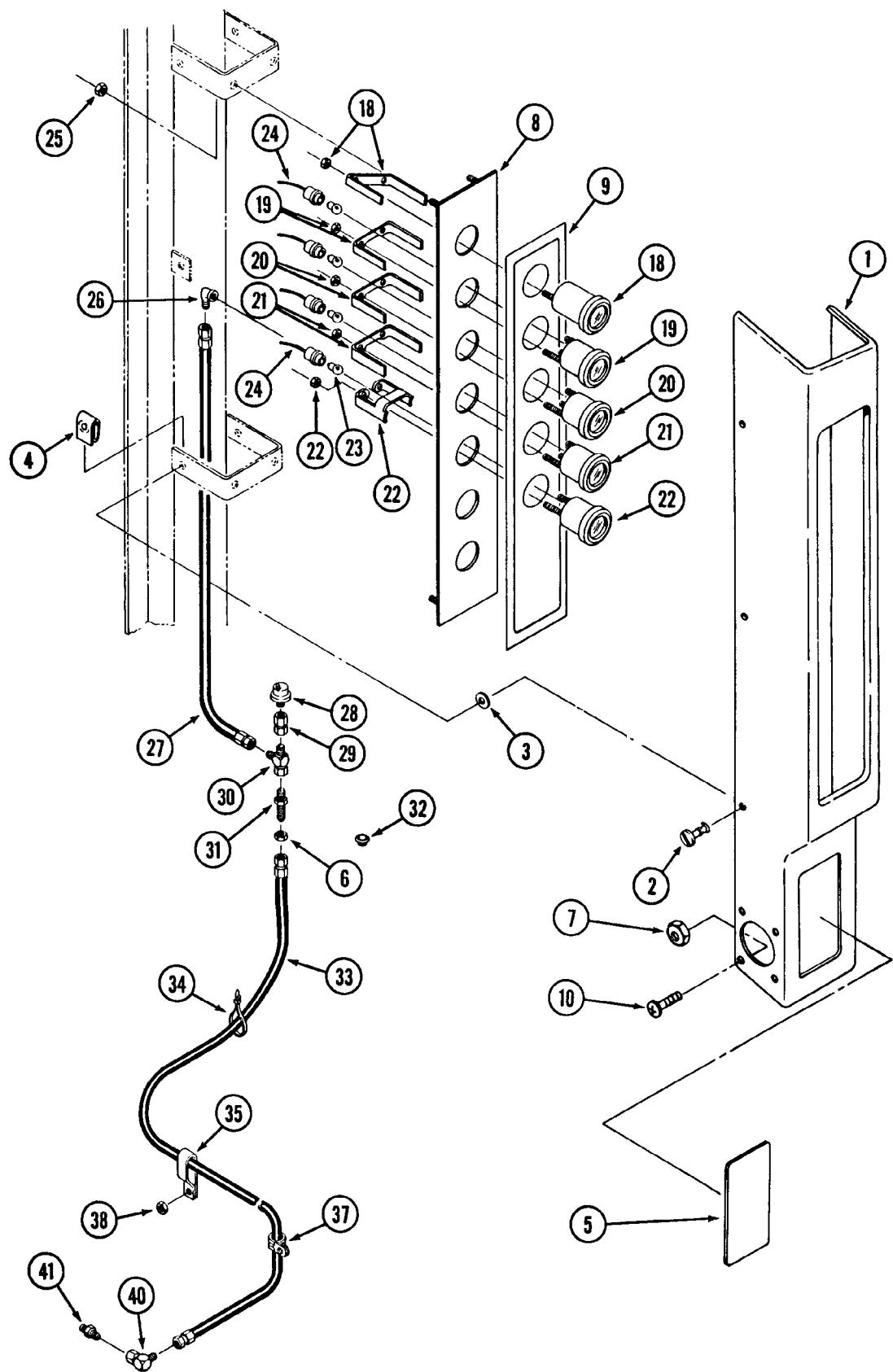
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7080T3	HARNESS - rear frame	1
2	22-823	MOUNT - adhesive back, strap	2
3	22-824	STRAP - tie, 7 inch	UAR
4	31-2242	GROMMET - protective	2
5	70-6771T1	GUARD - wire, prior to P.I.N. JEE0071001	2
5	70-6890T2	GUARD - wire, P.I.N. JEE0071001 and after	2
6	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	4
7	425-104	NUT - hex, 1/4 inch NC	4
8	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	2
9	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	5
10	426-428	BOLT - hex, 1/4 NC x 1-3/4 inch, grade 8	4
11	A186201	HARNESS - includes socket, tail lamp	2
12	121645C1	SOCKET - covered, 7 pin	1
13	481849C1	BOOT - wiring harness, replaces A169283 boot.....	1
16	493-41033	WASHER - external tooth lock, 5/16 inch	2
17	425-105	NUT - hex, 5/16 inch NC	4
18	ZAA7189850	LAMP ASSEMBLY - field, see page 4-49 for mounting hardware, replaces 20-1730T92 lamp	2
19	A186202	LAMP ASSEMBLY - tail, parts list page 4-51	2
23	493-41033	WASHER - external tooth lock, 5/16 inch	1
24	60-6831T91	SENSOR - fuel.....	1
25	515-23190	CLAMP - P-type, 3/4 inch ID	1
26	515-23381	CLAMP - P-type, 1-1/2 inch ID	1
27	463-3108	SCREW - machine, hex washer head, No. 10 NC x 1/2 inch	5
28	22-766	GROMMET - protective	1



**9370, 9380, and 9390 Tractor
INSTRUMENT CLUSTER**

4-31

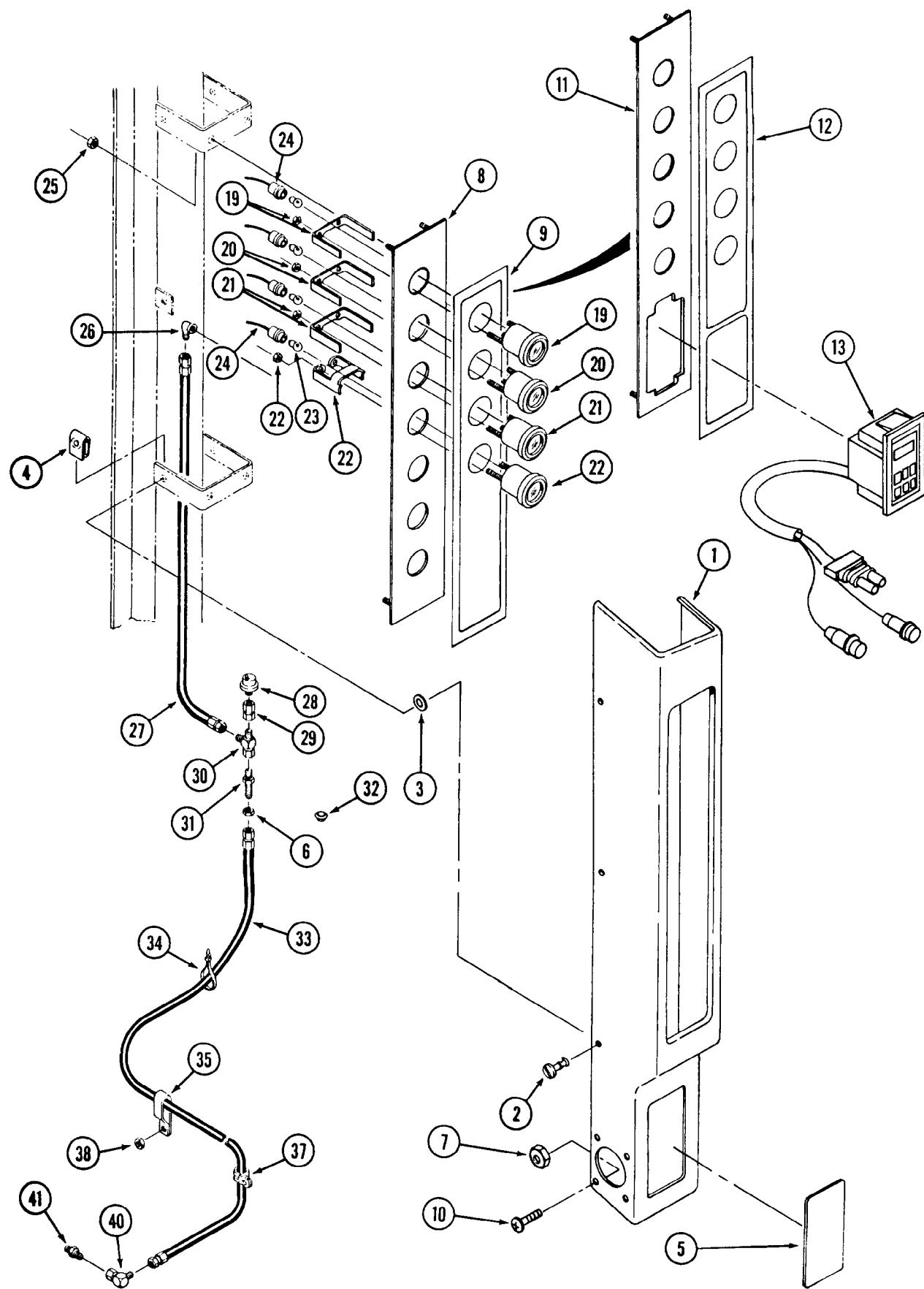
REF.	PART NO.	DESCRIPTION	REQ'D.
	60-7162T91	CLUSTER ASSEMBLY - instrument, Power Shift, prior to P.I.N. JEE0071001	1
	60-7284T92	CLUSTER ASSEMBLY - instrument, Power Shift, P.I.N. JEE0071001 and after.	1
	60-7161T91	CLUSTER ASSEMBLY - electronic, SynchroShift, prior to P.I.N. JEE0071001	1
	60-7283T91	CLUSTER ASSEMBLY - electronic, SynchroShift, P.I.N. JEE0071001 and after.	1
1	NSS	COVER - circuit board, plastic	1
2	NSS	CIRCUIT BOARD - printed, dash.	1
3	280-13410	SCREW - self-tapping, hex washer head, No. 8-18 x 5/8 inch.	4
4	60-6344T2	DECAL - instrument cluster, Power Shift, prior to P.I.N. JEE0071001, not shown.	1
4	60-6926T1	DECAL - instrument cluster, SynchroShift, prior to P.I.N. JEE0071001, not shown	1
5	60-7285T1	DECAL - instrument cluster, Power Shift, P.I.N. JEE0071001 and after, see page 9-115 for decal	1
5	60-7286T1	DECAL - instrument cluster, SynchroShift, P.I.N. JEE0071001 and after, see page 9-115 for decal	1
6	NSS	SPACER - circuit board	3
7	NSS	SPACER - circuit board	4
8	NSS	SCREW - flange head tap, No. 3 x 3/8 inch.	6
9	NSS	SCREW - pan head tap, No. 8 x 1-1/8 inch	5
12	NSS	WASHER - flat, No. 8	1
13	25-9000262	SWITCH - instrument cluster	2
17	W10478	BULB - lamp, No. 194	16
18	20-1178T1	SOCKET - bulb.	16



GAUGE PANEL

Prior to P.I.N. JEE0071001

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7056T2	COVER - panel, cab, gauge	1
1	60-6166T1	COVER - panel, ROPS, gauge, not shown	1
2	19-6136	STUD - quarter turn, five used on ROPS.....	6
3	19-5668	WASHER - flat, 1/4 x 3/4 x 3/16 inch, five used on ROPS	6
4	A36042	RETAINER - quarter turn, five used on ROPS	6
5	REF	DECAL - MPH, see page 9-119 for decal	1
6	425-117	NUT - hex, 7/16 inch NF	1
7	230-14106	NUT - hex, self-locking, No. 6 NC	4
8	60-5756T1	PANEL - gauge	1
9	60-5939T2	DECAL - gauge panel, see page 9-117 for decal	1
10	140-101	SCREW - machine, pan head Phillips, No. 6 NC x 1/2 inch	4
18	20-2018T2	GAUGE - hourmeter	1
19	20-2466T1	GAUGE - voltmeter	1
20	20-2464T1	GAUGE - fuel level	1
21	20-2465T1	GAUGE - water temperature, engine.....	1
22	60-6145T2	GAUGE - oil pressure, engine	1
23	23731R1	BULB - lamp, No.1893.....	5
24	60-6292T4	HARNESS - instrument panel lamp.....	1
25	9411893	NUT - hex, self-locking, No. 10 NF	4
26	31-2740	ELBOW - 90 degree, 1/8 PT x 7/16 inch thread	1
27	31-2784	HOSE - 1067 mm (42 inch) long, gauges	1
28	60-6330T1	SWITCH - pressure	1
29	218-1557	ADAPTER - straight, 7/16-20 swivel x 1/8 inch female PT	1
30	218-5478	TEE - 7/16-20 inch flare branch x flare x swivel	1
31	218-671	ADAPTER - straight, 7/16-20 inch flare x bulkhead flare.....	1
32	64-146	PLUG - hole, access	1
33	31-3024	HOSE - 2743 mm (108 inch) long, engine oil pressure	1
34	22-824	STRAP - tie, 7 inch	1
35	31-1070	CLAMP - extended P-type.....	1
37	515-23190	CLAMP - P-type, 3/4 inch ID, one used on cab.....	2
38	425-106	NUT - hex, 3/8 inch NC	1
40	218-5228	ELBOW - 90 degree, 7/16-20 inch flare x swivel.....	1
41	218-441	ADAPTER - straight, 7/16-20 flare x 1/8 inch PT.....	1

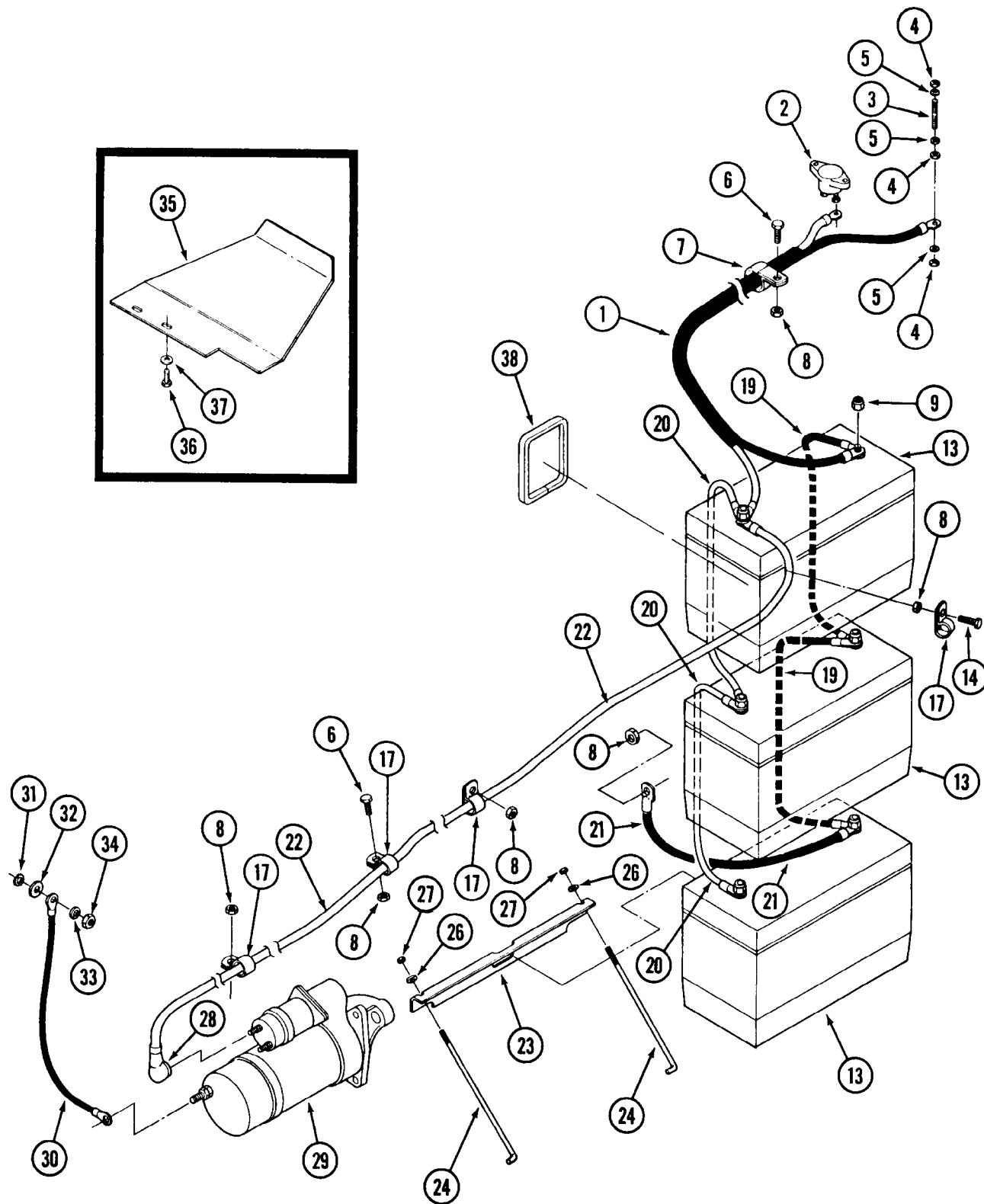


**9370, 9380, and 9390 Tractor
GAUGE PANEL
P.I.N. JEE0071001 and After**

4-35

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7056T2	COVER - panel, cab, gauge	1
1	60-6166T1	COVER - panel, ROPS, gauge, not shown	1
2	19-6136	STUD - quarter turn, five used on ROPS.	6
3	19-5668	WASHER - flat, 1/4 x 3/4 x 3/16 inch, five used on ROPS	6
4	A36042	RETAINER - quarter turn, five used on ROPS	6
5	REF	DECAL - MPH, see page 9-121 for decal	1
6	425-117	NUT - hex, 7/16 inch NF	1
7	230-14106	NUT - hex, self-locking, No. 6 NC	4
8	60-5756T1	PANEL - gauge, if used	1
9	60-5939T3	DECAL - gauge panel, if used, see page 9-117 for decal	1
10	140-101	SCREW - machine, pan head Phillips, No. 6 NC x 1/2 inch	4
11	#60-7295T1	PANEL - gauge, if used	1
12	#60-7297T1	DECAL - gauge panel, if used	1
13	*#60-7298T1	METER - area, if equipped	1
19	20-2466T2	GAUGE - voltmeter	1
20	20-2464T2	GAUGE - fuel level	1
21	20-2465T2	GAUGE - water temperature, engine.	1
22	60-6145T2	GAUGE - oil pressure, engine	1
23	23731R1	BULB - lamp, No.1893.	5
24	60-6292T4	HARNESS - instrument panel lamp.	1
25	9411893	NUT - hex, self-locking, No. 10 NF	4
26	31-2740	ELBOW - 90 degree, 1/8 PT x 7/16 inch thread	1
27	31-2784	HOSE - 1067 mm (42 inch) long, gauges	1
28	60-6330T1	SWITCH - pressure	1
29	218-1557	ADAPTER - straight, 7/16-20 swivel x 1/8 inch female PT	1
30	218-5478	TEE - 7/16-20 inch flare branch x flare x swivel	1
31	218-671	ADAPTER - straight, 7/16-20 inch flare x bulkhead flare.	1
32	64-146	PLUG - hole, access	1
33	31-3024	HOSE - 2743 mm (108 inch) long, engine oil pressure	1
34	22-824	STRAP - tie, 7 inch	1
35	31-1070	CLAMP - extended P-type	1
37	515-23190	CLAMP - P-type, 3/4 inch ID, one used on cab.	2
38	425-106	NUT - hex, 3/8 inch NC	1
40	218-5228	ELBOW - 90 degree, 7/16-20 inch flare x swivel.	1
41	218-441	ADAPTER - straight, 7/16-20 flare x 1/8 inch PT.	1
* 35-2010T91 KIT - area meter installation, P.I.N. JEE0072111 and after, includes (1) 60-7298T1 meter, item 13 and (2) 22-824 tie wraps, not shown, see note below			
# 35-2011T91 KIT - area meter installation, prior to P.I.N. JEE0072111, see note below			
35-2012T91 KIT - implement status switch, not shown, includes (1) 221545A1 switch and (2) 221546A1 harness, may be used with area meter, see note below.			

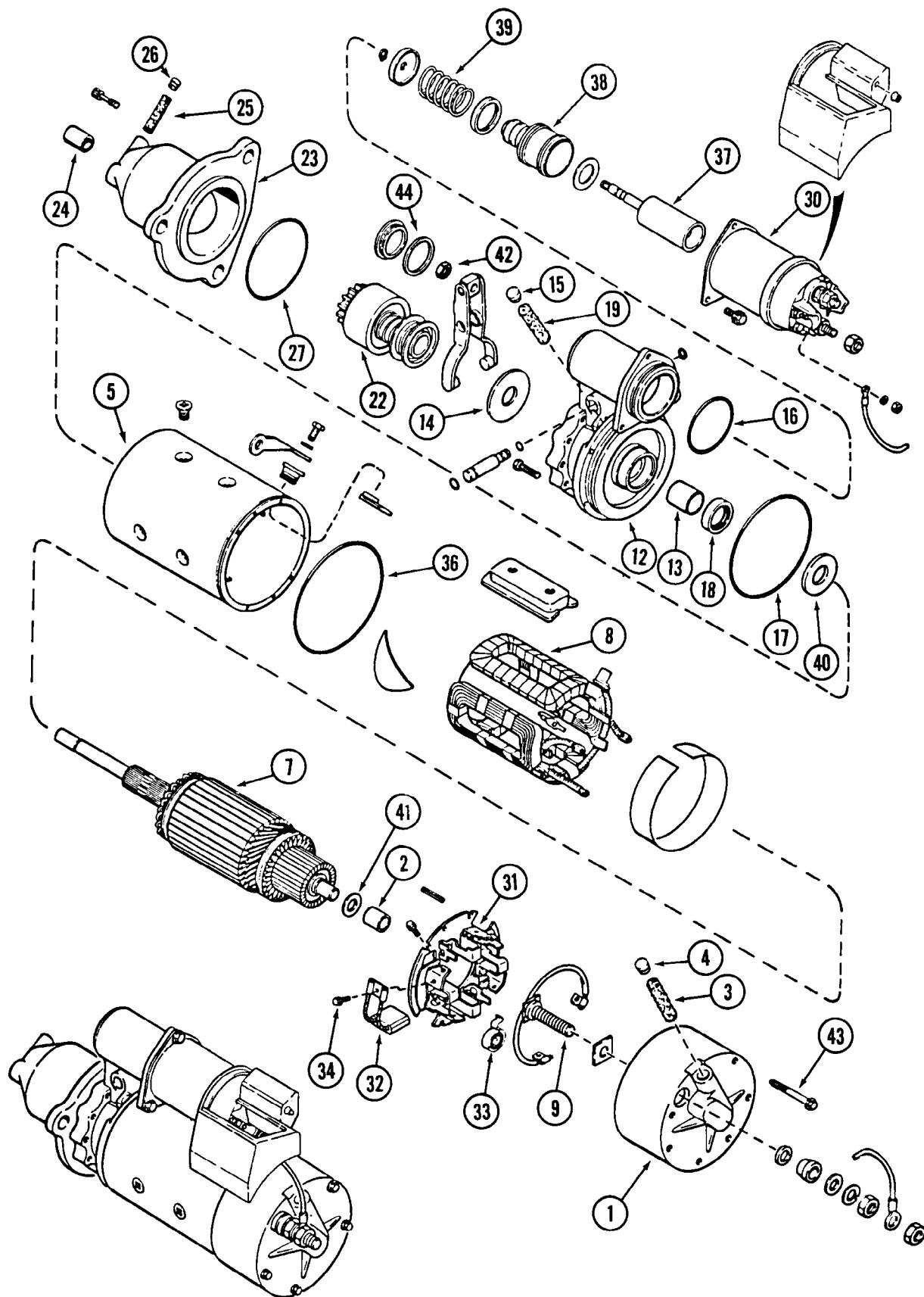
NOTE: Machines built prior to P.I.N. JEE0072111 need to order (1) 35-2011T91 kit in order to install area meter. All machines built P.I.N. JEE0072111 and after are area meter ready and can order (1) 35-2010T91 for service. As an additional option to the area meter, the implement status switch kit 35-2012T91 may be used to relay information on the positioning of the implement.



**9370, 9380, and 9390 Tractor
BATTERIES AND CABLES**

4-37

REF.	PART NO.	DESCRIPTION	REQ'D.
1	20-2458T1	HARNESS - cab power	1
2	20-2041T2	BREAKER - circuit.....	1
3	60-1880T1	STUD - ground.....	1
4	425-104	NUT - hex, 1/4 inch NC	4
5	492-11025	WASHER - lock, 1/4 inch.....	4
6	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	4
7	515-23508	CLAMP - P-type, 2 inch ID, retaining.....	1
8	232-4136	NUT - hex, self-locking, 3/8 inch NC	5
9	231-1446	NUT - hex, self-locking, 3/8 inch NC	10
13	BMF31FS	BATTERY - tractor, 12 volt	3
14	413-624	BOLT - hex, 3/8 NC x 1-1/2 inch	1
17	515-23238	CLAMP - P-type, 15/16 inch ID, retaining	4
19	20-2459T1	CABLE - battery, negative	2
20	20-2094T2	CABLE - battery, positive	2
21	60-6790T1	CABLE - battery, ground to frame	1
22	20-2457T1	CABLE - battery, to starter	1
23	70-5548T1	BRACKET - angle	3
24	198185A1	BOLT - J-type, battery hold down, replaces 1-1946 and 377837R1 rods	6
26	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	6
27	231-1445	NUT - hex, self-locking, 5/16 inch NC	9
28	20-2424T1	BOOT - cable end	1
29	107717A1	STARTER ASSEMBLY - Delco Remy, 12 volt, engine, parts list pages 4-39 and 4-41, no longer available, order 140855A2 starter kit.....	1
30	60-6785T1	CABLE - starter, ground, starter to frame	1
31	493-41065	WASHER - external tooth lock, 5/8 inch	1
32	495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	1
33	492-11050	WASHER - lock, 1/2 inch.....	1
34	425-108	NUT - hex, 1/2 inch NC	1
35	60-6867T1	COVER - cab power supply.....	1
36	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8.....	2
37	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	2
38	50-2033T1	GROMMET - hose protection, 381 mm (15 inch) long, cut from 31-1785 bulk grommet, see below.....	UAR
	31-1785	GROMMET - edge, bulk, 3048 mm (120 inch) long	UAR



**9370, 9380, and 9390 Tractor
STARTER ASSEMBLY**

4-39

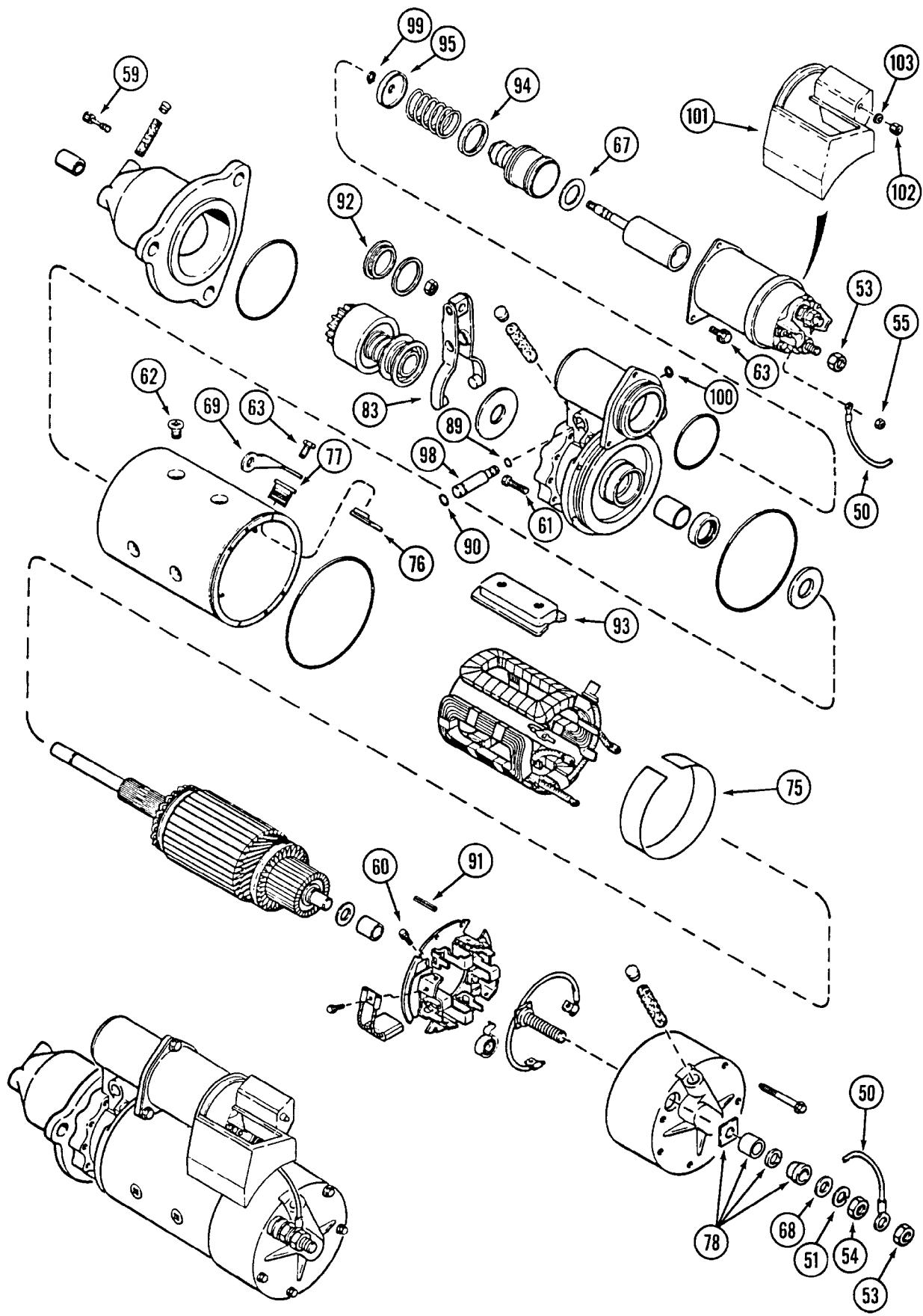
REF.	PART NO.	DESCRIPTION	REQ'D.
	140855A2	KIT - starter, 12 volt.....	1
	107717A1	STARTER ASSEMBLY - Delco Remy, 12 volt, no longer available, order 140855A2 starter kit	1
1	A187561	COVER ASSEMBLY - commutator end.....	1
2	NSS	BUSHING - armature, cummutator end, see note B.....	1
3	A49769	WICK - oil, see note B	1
4	A49573	PLUG - oil wick, see note B.....	1
5	NSS	HOUSING - order 140855A2 starter kit	1
7	81772C1	ARMATURE - starter, replaces 142943A1 armature	1
8	81771C1	COIL - field, replaces 142944A1 coil	1
9	A49764	WIRE - terminal, commutator end.....	1
12	A49772	HOUSING - shift lever.....	1
13	A49765	BUSHING - armature, lever housing, see note B	1
14	NSS	WASHER - shift lever housing, brake, see note B	1
15	A49573	PLUG - oil wick, see note B.....	1
16	238-5228	O-RING - 2-1/4 ID x 1/8 inch wide, switch, see notes B and C	1
17	238-5243	O-RING - 4-1/4 ID x 1/8 inch wide, lever housing, see note B	1
18	R21582	SEAL - oil, lever housing, see note B	1
19	A49567	WICK - oil, armature bushing, see note B	1
22	20-1343T1	CLUTCH - drive	1
23	A49773	HOUSING - drive end.....	1
24	A47257	BUSHING - armature, drive housing, see note B	1
25	A47888	WICK - oil, see note B	1
26	A47889	PLUG - oil wick, see note B.....	1
27	A43854	O-RING - housing, drive housing, see notes B and C	1
30	141338A1	KIT - solenoid, magnetic, with shield	1
31	81769C1	PLATE - brush, replaces 142949A1 plate.....	1
	142961A1	KIT - brush, starter.....	1
32	81770C1	BRUSH - starter see note A, replaces 142948A1 brush	4
33	A49575	SPRING - brush, see note A	4
34	A47894	SCREW - brush retainer, see note A.....	4
36	238-5158	O-RING - 4-3/4 ID x 3/32 inch wide, commutator end, see notes A and B.....	1
37	A49757	PLUNGER - solenoid	1
38	A49589	BOOT - plunger.....	1
39	A41242	SPRING - plunger return.....	1
40	A40892	WASHER - thrust, flat, 13/16 x 1-3/4 x 3/16 inch, see note B.....	1
41	195-2056	WASHER - flat, 9/16 x 1 x 1/16 inch, thrust, see note B.....	1
42	131-489	NUT - hex, self-locking, see notes B and C	1
43	142952A1	BOLT - commutator frame, hex Keps, see notes A and B	6
44	A41924	GASKET - inspection plug, see notes B and C.....	1

NOTE: A - These parts are included in brush kit 142961A1.

NOTE: B - These parts are included in brush kit A187514.

NOTE: C - These parts are included in brush kit A187515.

Continued on next page

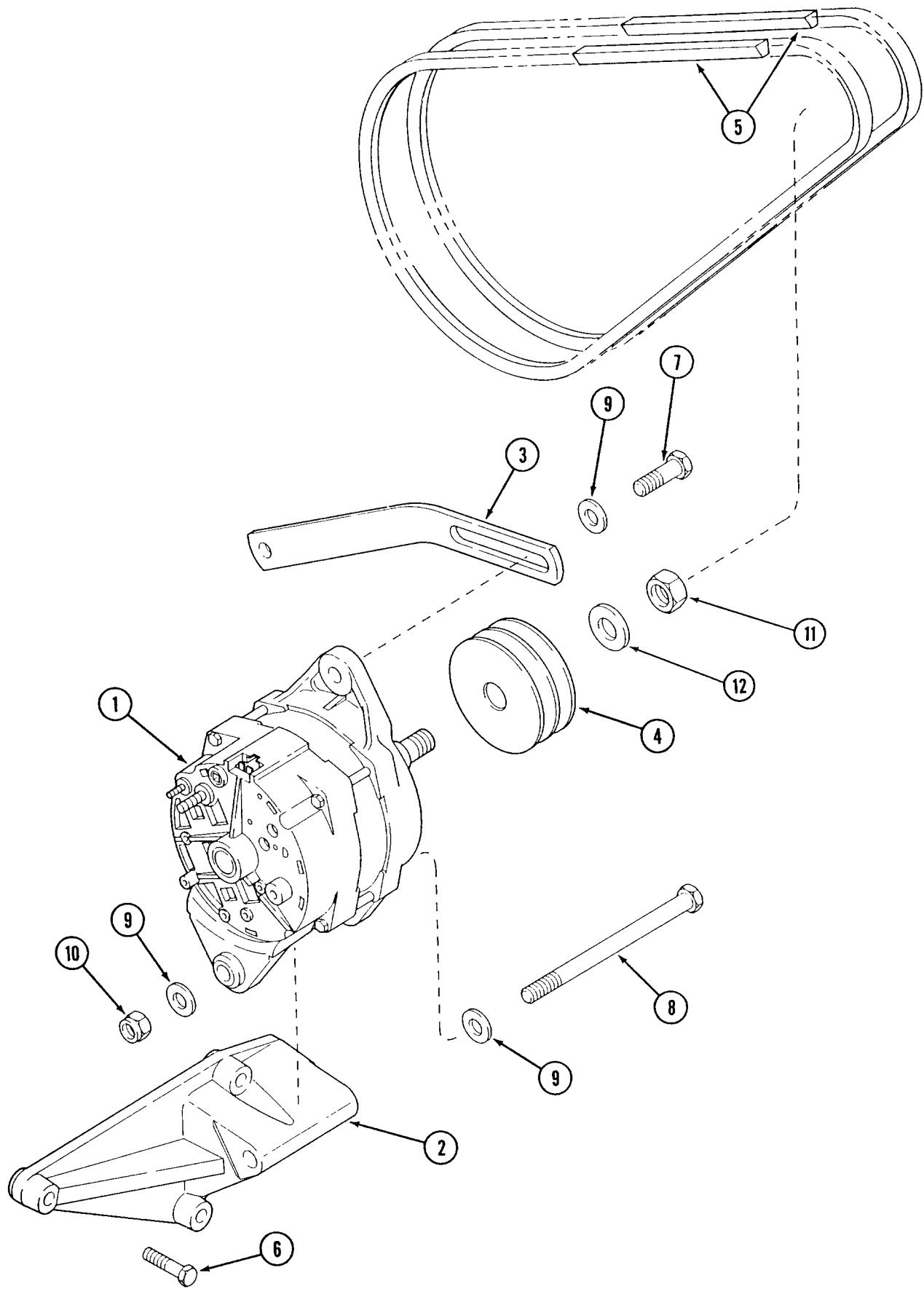


**9370, 9380, and 9390 Tractor
STARTER ASSEMBLY**

4-41

REF.	PART NO.	DESCRIPTION	REQ'D.
	140855A2	KIT - starter, 12 volt.....	1
	107717A1	STARTER ASSEMBLY - Delco Remy, 12 volt, no longer available, order 140855A2 starter kit	1
50	A47895	WIRE - field coil terminal to solenoid	1
51	492-11050	WASHER - lock, 1/2 inch	1
53	A47890	NUT - flange type, special, 1/2 inch NC	2
54	425-148	NUT - hex, jam, 1/2 inch NC	1
55	1546549C1	NUT - hex flange, special, No. 10 - 32 NF	2
59	1546551C1	SCREW - special, drive housing.....	6
60	A47894	SCREW - brush retainer.....	2
61	A187741	SCREW - housing retaining	5
62	142955A1	SCREW - machine, flat Phillips, 3/8 NF x 21/32 inch	8
63	10497770	BOLT - torx head, special, 1/4 NC x 35/64 inch	4
67	A41922	WASHER - plunger seat.....	1
68	95-81101	WASHER - flat, 33/64 x 7/8 x 1/16 inch	1
69	A49779	CONNECTOR - field terminal to solenoid.....	1
75	A49767	INSULATOR - field coil terminal	1
76	A49501	INSULATOR - inner, field terminal	1
77	A49500	INSULATOR - outer, field terminal	1
78	A49768	KIT - insulator, terminal.....	1
83	A49775	LEVER - shift, see note C	1
89	A47259	O-RING - shaft, shift lever rod, see note C.....	1
90	238-5012	O-RING - 3/8 ID x 1/16 inch wide, shift lever rod, see note C	1
91	A49753	PIN - roll, spring	1
92	R21587	PLUG - inspection, lever housing	1
93	R15115	SHOE - pole, starter	4
94	A43380	SEAT - plunger spring.....	1
95	A43419	SEAT - spring	1
98	A42199	SHAFT - shift lever, see note C	1
99	100-1137	RING - external retaining, No. 37, plunger	1
100	100-1137	RING - external retaining, No. 37, see note C	1
101	L128826	GUARD - starter terminal.....	1
102	1546549C1	NUT - hex flange, special, No. 10 - 32 NF	2
103	492-11010	WASHER - lock, No. 10	1

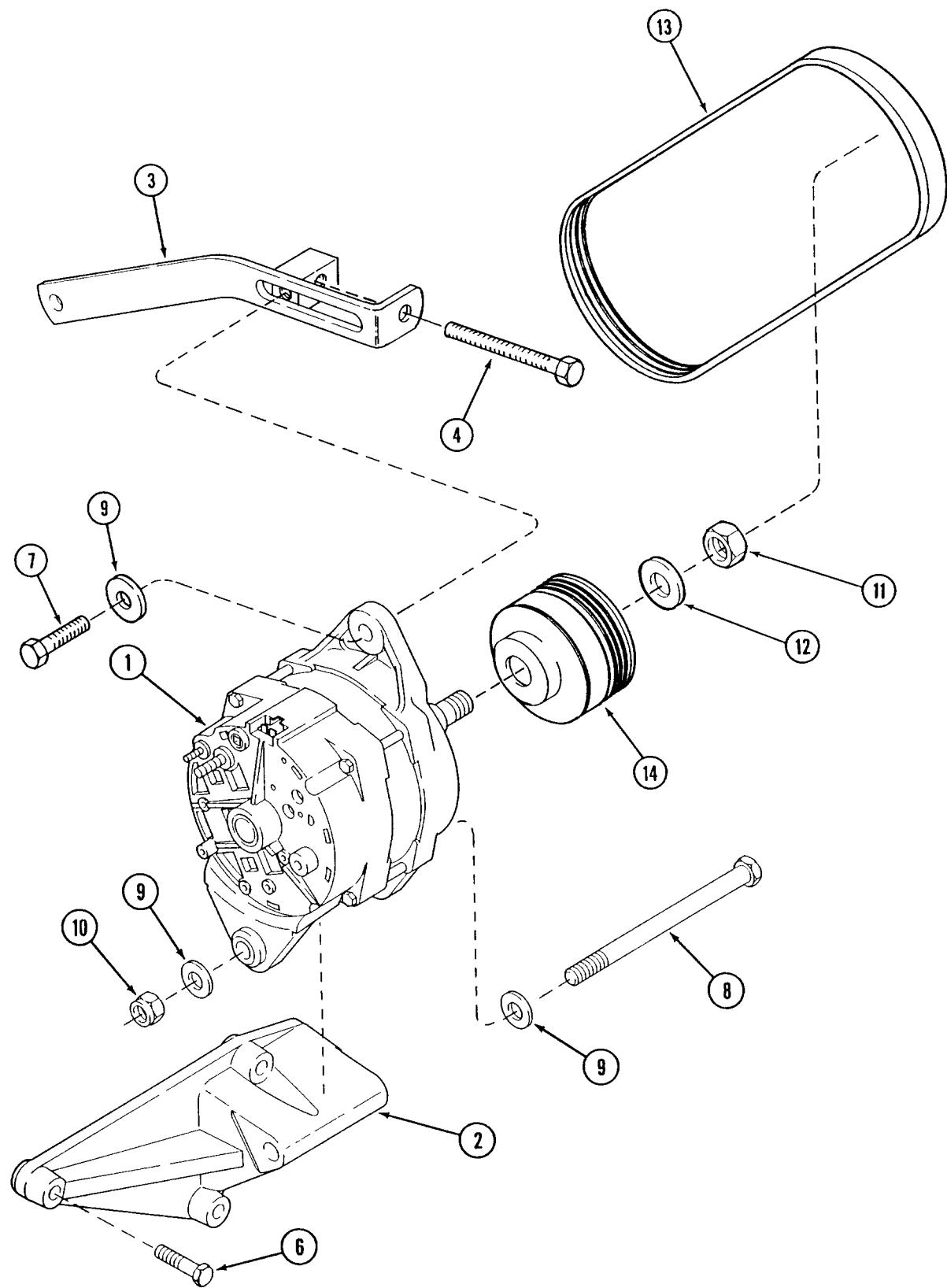
NOTE: C - These parts are included in shift lever kit A187515.



9370, 9380, and 9390 Tractor
ALTERNATOR MOUNTING
9370 and 9380 only

4-43

REF.	PART NO.	DESCRIPTION	REQ'D.
1	1987560C1	ALTERNATOR ASSEMBLY - engine, 125 amp, engine, parts list page 4-47.....	1
2	90-7610T1	MOUNT - alternator.....	1
3	90-7612T2	BRACKET - alternator mount	1
4	90-7613T1	PULLEY - alternator.....	1
5	90-1375T1	BELT - alternator, set of two	1
6	426-624	BOLT - hex, 3/8 NC x 1-1/2 inch, grade 8	3
7	426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	1
8	426-8104	BOLT - hex, 1/2 NC x 6-1/2 inch, grade 8	1
9	496-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch, hardened	3
10	231-1448	NUT - hex, self-locking, 1/2 inch NC	1
11	A49635	NUT - shaft	1
12	A40792	WASHER - flat, 5/8 x 1-1/4 x 3/32 inch	1

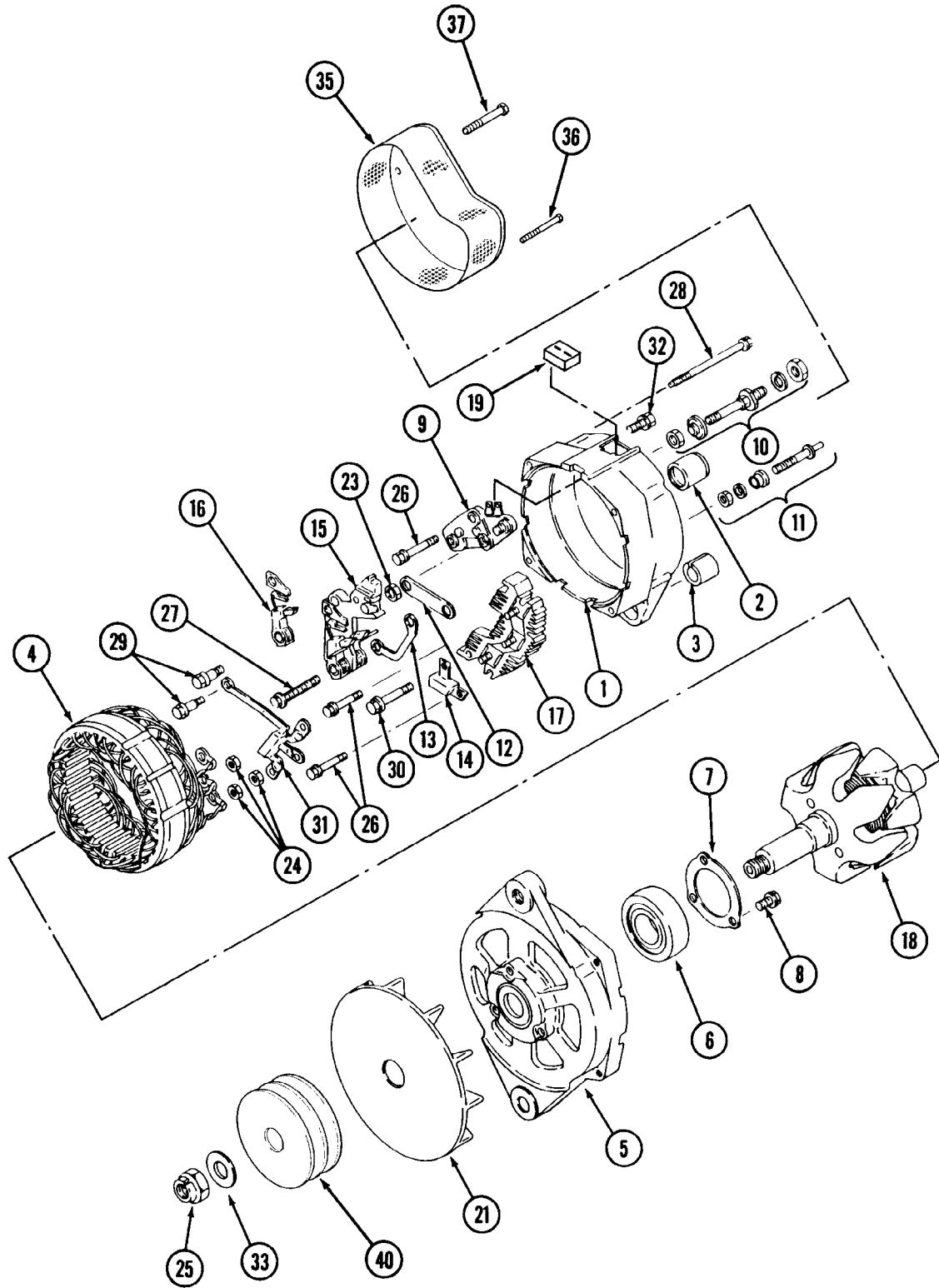


9370, 9380, and 9390 Tractor
ALTERNATOR MOUNTING
9390 Only

4-45

REF.	PART NO.	DESCRIPTION	REQ'D.
1	1987560C1	ALTERNATOR ASSEMBLY - engine, 125 amp, engine, includes item 11 A49635 nut and item 12 A40792 washer, parts list page 4-47	1
2	*REF	MOUNT - alternator	1
3	*REF	BRACKET - alternator mount	1
4	*REF	BOLT - hex	1
6	*REF	BOLT - hex	3
7	*REF	BOLT - hex	1
8	*REF	BOLT - hex	1
9	*REF	WASHER - flat	3
10	*REF	NUT - hex	1
11	A49635	NUT - shaft	1
12	A40792	WASHER - flat, 5/8 x 1-1/4 x 3/32 inch	1
13	90-8383T1	BELT - alternator	1
14	*REF	PULLEY - alternator, see note below	1

*** NOTE:** Supplied with Cummins engine. See your Cummins engine dealer for service.

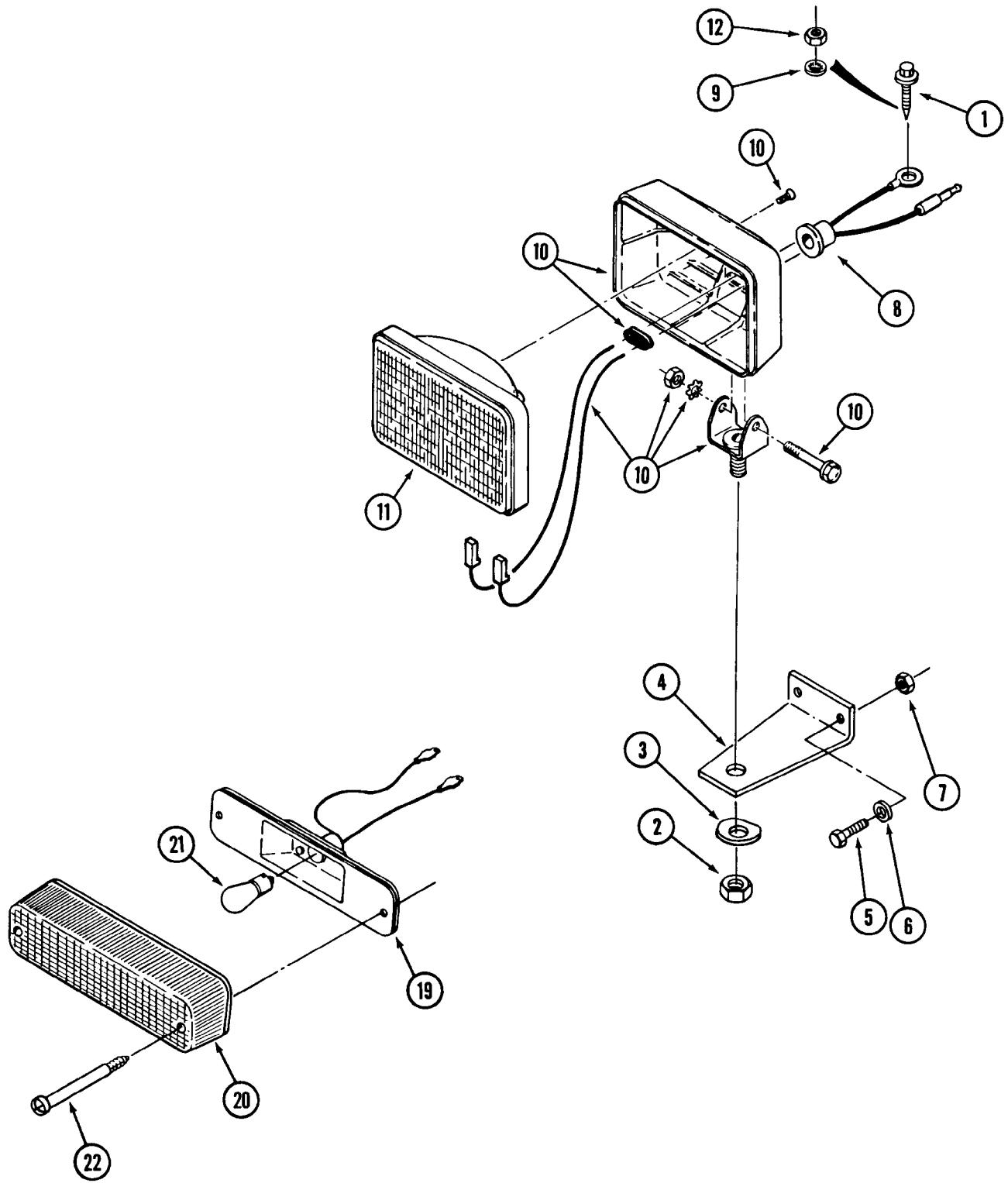


9370, 9380, and 9390 Tractor
ALTERNATOR ASSEMBLY

4-47

REF.	PART NO.	DESCRIPTION	REQ'D.
	1987560C1	ALTERNATOR ASSEMBLY - engine, 125 amp	1
1	10467269	HOUSING - collector ring end	1
2	1987459C1	BEARING - roller.....	1
3	A49631	BUSHING - mounting hinge	1
4	1987457C1	STATOR - alternator	1
5	1987470C1	HOUSING - drive end.....	1
6	1987471C1	BEARING - ball, drive end	1
7	1987472C1	PLATE - retaining, bearing	1
8	A48277	SCREW - retaining plate, bearing.....	3
9	1987454C1	REGULATOR - alternator.....	1
10	1987466C1	KIT - terminal, battery.....	1
11	1987467C1	KIT - terminal, relay	1
12	1987476C1	CONNECTOR - regulator to relay lamp.....	1
13	1987456C1	CONNECTOR - regulator mounting screw to stud.....	1
14	1987468C1	CAPACITOR - alternator	1
15	1987463C1	HOLDER ASSEMBLY - brush	1
16	1987464C1	BRUSH - holder	2
17	1987461C1	RECTIFIER - alternator	1
18	1987455C1	ROTOR - alternator	1
19	A45537	BOOT - voltage adjustment stud	1
21	1987474C1	FAN - alternator	1
23	A45368	NUT - terminal	1
24	225-14108	NUT - hex, No. 8 NC	3
25	A49635	NUT - shaft, drive end	1
26	1987462C1	BOLT - hex washer, rectifier bridge retaining.....	3
27	A48257	SCREW - brush holder.....	1
28	1987473C1	BOLT - retaining, alternator	4
29	A45223	SCREW - brush holder, insulated, regulator	2
30	1987469C1	SCREW - retaining, capacitor	1
31	1987460C1	DIODE - trio	1
32	1987475C1	SCREW - hex washer, ground	1
33	A40792	WASHER - flat, 5/8 x 1-1/4 x 3/32 inch, shaft	1
35	1987552C1	SCREEN - debris, alternator	1
36	281-14428	SCREW - self-tapping, hex washer head, No. 8 NC x 1-3/4 inch	1
37	281-14728	SCREW - self-tapping, hex washer head, 1/4 NC x 1-3/4 inch	1
40	90-7613T1	PULLEY - alternator, used on the 9370 and 9380 only	1
40	*REF	PULLEY - poly-v alternator, used on the 9390, not shown, see note below.....	1

***NOTE:** Supplied with Cummins engines. See your Cummins dealer for service.

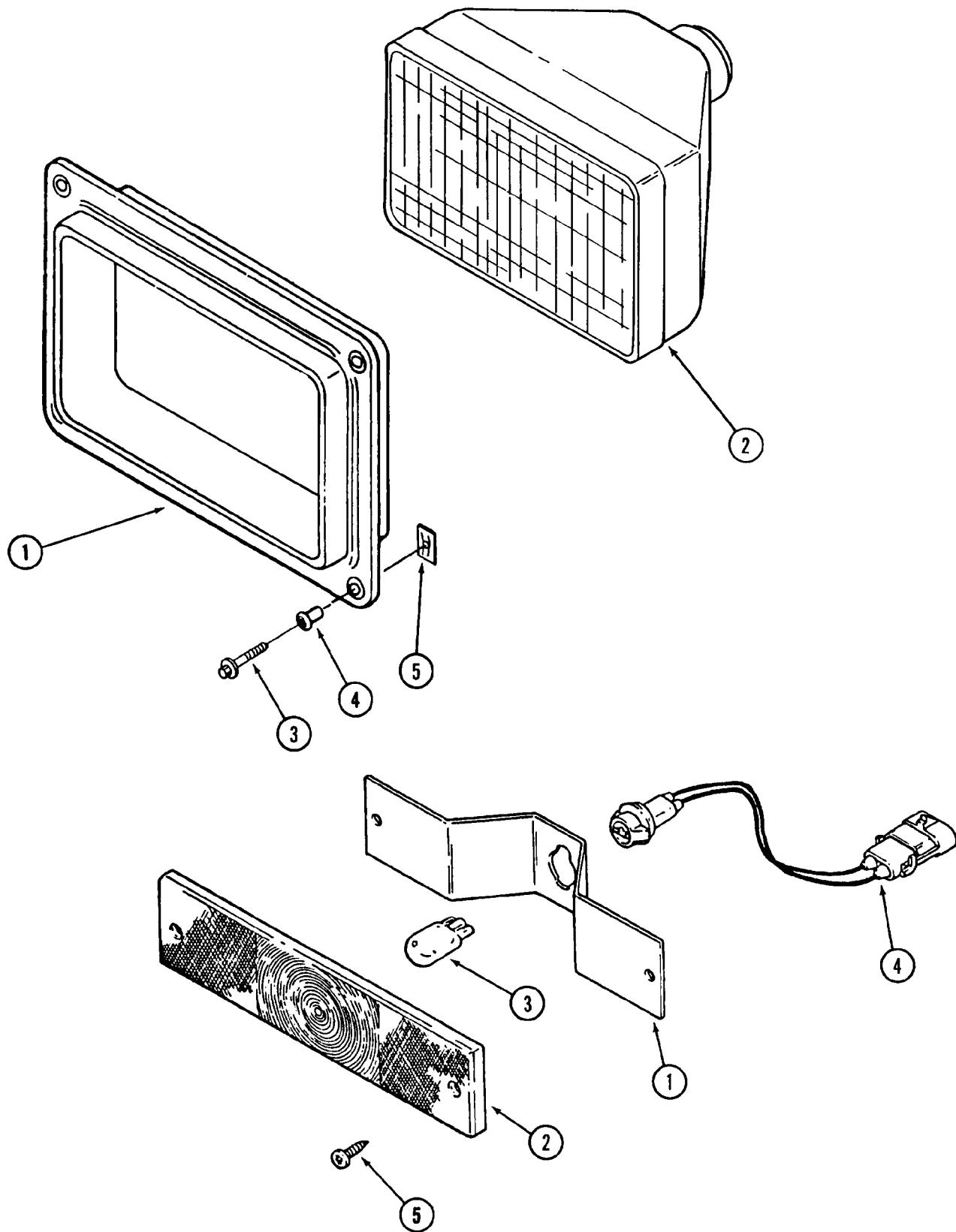


LAMPS**Cab and Rear Work Lamp assembly**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	281-6456	SCREW - self-tapping, hex washer head, No. 10 NF x 3/4 inch, front cab grounding.....	2
2	231-1448	NUT - hex, self-locking, 1/2 inch NC	4
3	D37049	WASHER - lock, 1/2 inch.....	4
4	60-4336T1	BRACKET - mounting, cab to flood lamp, rear cab mount	2
5	413-416	BOLT - hex, 1/4 NC x 1 inch	4
6	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	4
7	231-1444	NUT - hex, self-locking, 1/4 inch NC	4
8	87251C1	BUSHING - includes wires.....	4
9	493-21026	WASHER - internal tooth lock, 1/4 inch, rear fender grounding	4
	ZAA7189850	LAMP ASSEMBLY - flood, replaces 20-1730T92 lamp.....	8
10	NSS	HOUSING - flood lamp.....	1
11	20-1822T1	LENS - sealed beam	1
12	425-104	NUT - hex, 1/4 inch NC, rear fender grounding.....	2

Warning Lamp Assembly

	22-665T1	LAMP ASSEMBLY - warning.....	4
19	NSS	HOUSING - warning lamp	1
20	A187626	LENS - warning lamp	1
21	A41264	BULB - lamp, 12 volt, No. 1156	1
22	19-1104	SCREW - machine, pan head cross, No. 8 NC x 1-3/4 inch	8

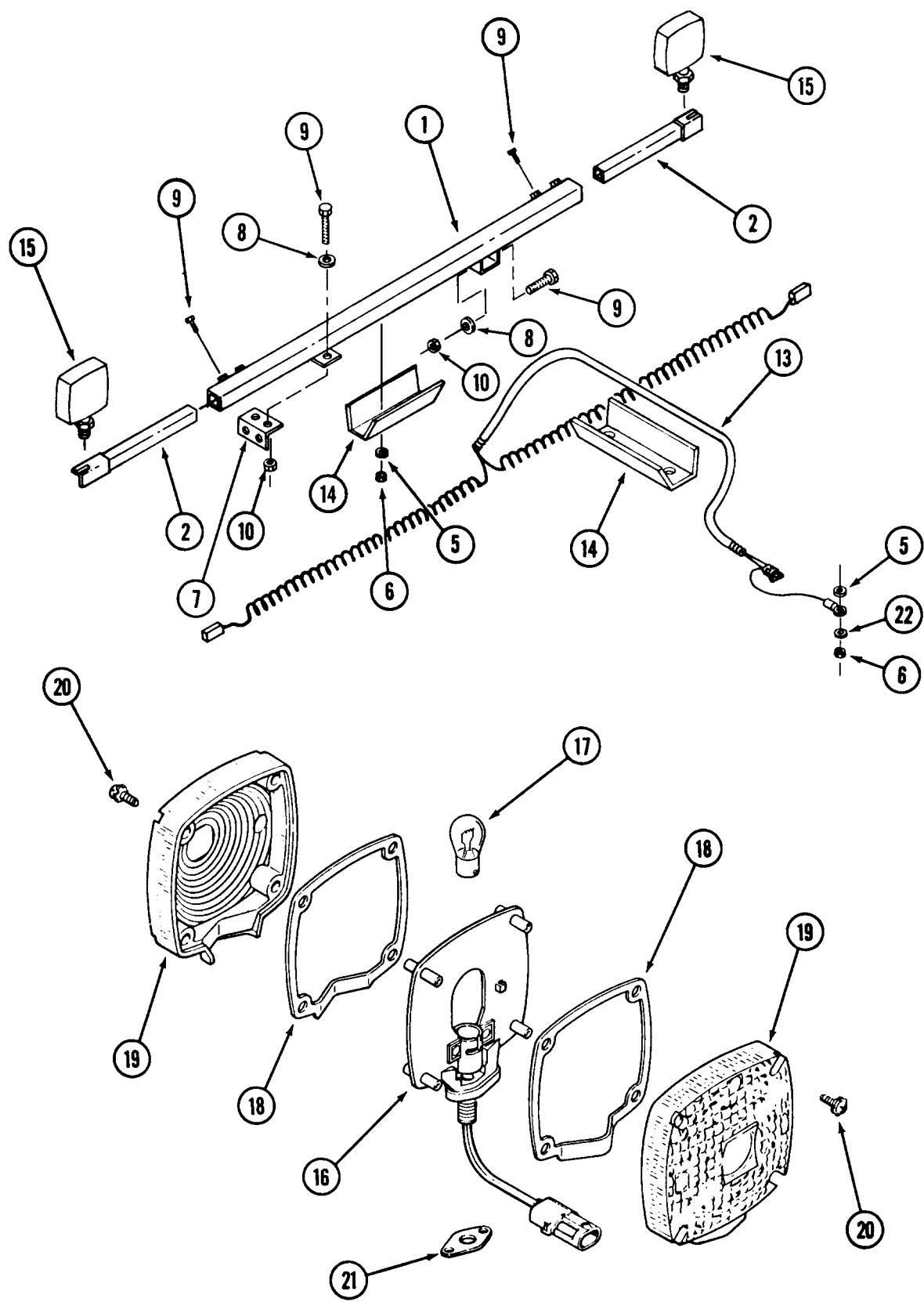


LAMPS
Grille Lamp Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	60-6730T91	LAMP - head, with rubber seal	2
1	NSS	FRAME - head lamp.....	1
2	60-6731T1	LAMP - sealed beam, replaces 60-6730T92 lamp.....	1
3	280-16516	SCREW - self-tapping, hex washer head, No. 10 - 16 x 1 inch.....	8
4	60-6843T1	BUSHING - brass	8
5	60-7095T1	NUT - clip.....	8

Tail Lamp Assembly

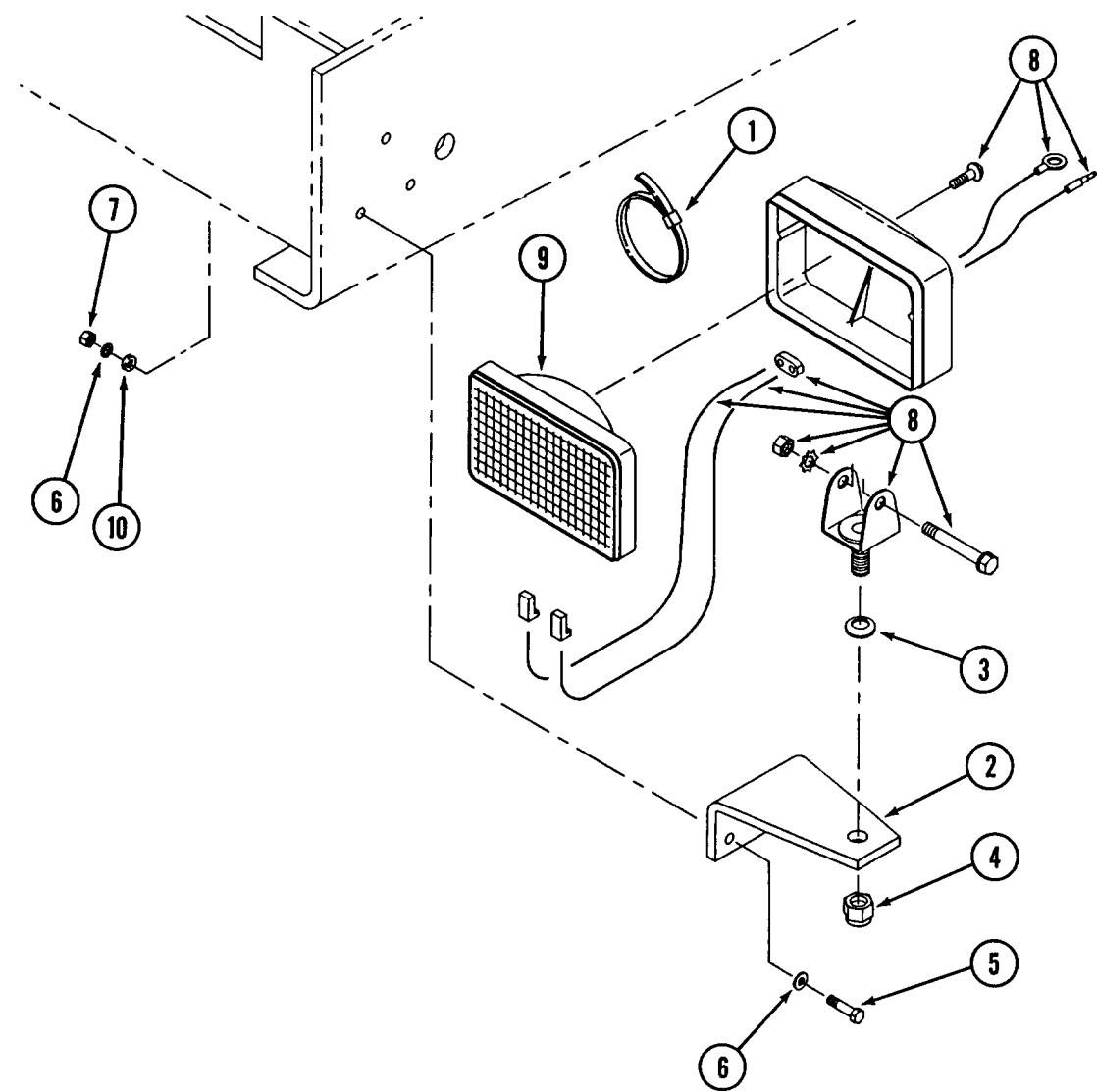
	A186202	LAMP ASSEMBLY - tail.....	2
1	NSS	HOUSING - tail lamp	1
2	NSS	LENS - tail lamp	1
3	D71346	BULB - lamp, No. 168	1
4	A186201	HARNESS - includes socket	1
5	260-14416	SCREW - self-tapping, pan Phillips, No. 8-18 x 1 inch.....	4



**9370, 9380, and 9390 Tractor
SIDE MARKER LAMPS**

4-53

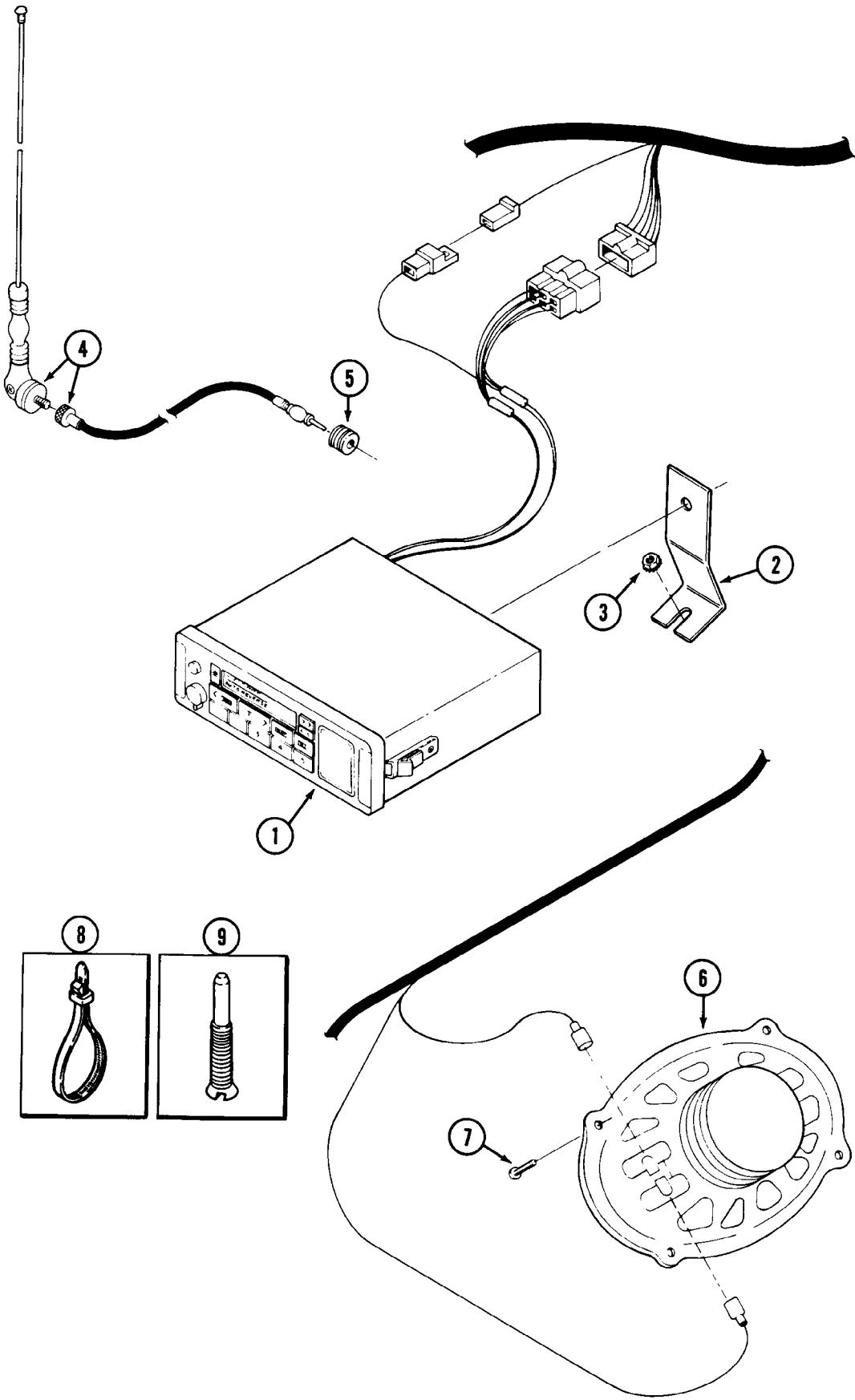
REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1962T91	KIT - lamps, side marker, no longer available, order component parts separately	1
1	70-6817T1	TUBE - side marker, replaces 70-6723T1 tube	1
2	70-6767T1	TUBE - extension, side marker	2
5	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	5
6	231-1444	NUT - hex, self-locking, 1/4 inch NC	5
7	70-6818T1	ANGLE - support	1
8	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	8
9	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	8
10	425-106	NUT - hex, 3/8 inch NC	4
13	60-7038T1	HARNESS - side marker	1
14	70-6771T1	GUARD - wire	2
15	91913C91	LAMP ASSEMBLY - side marker	2
16	NSS	BODY - lamp	1
17	A41264	BULB - lamp, 12 volt, No. 1156	1
18	A43731	GASKET - sealing, lens	2
	A44202	KIT - lens	1
19	NSS	LENS - lamp, amber	1
20	187-1083	SCREW - self-tapping, round head Phillips, No. 8 NC x 5/8 inch	4
21	F63435	GASKET - lamp mounting	2
22	493-21026	WASHER - internal tooth lock, 1/4 inch	1



9370, 9380, and 9390 Tractor
FRONT FRAME WORK LAMPS

4-55

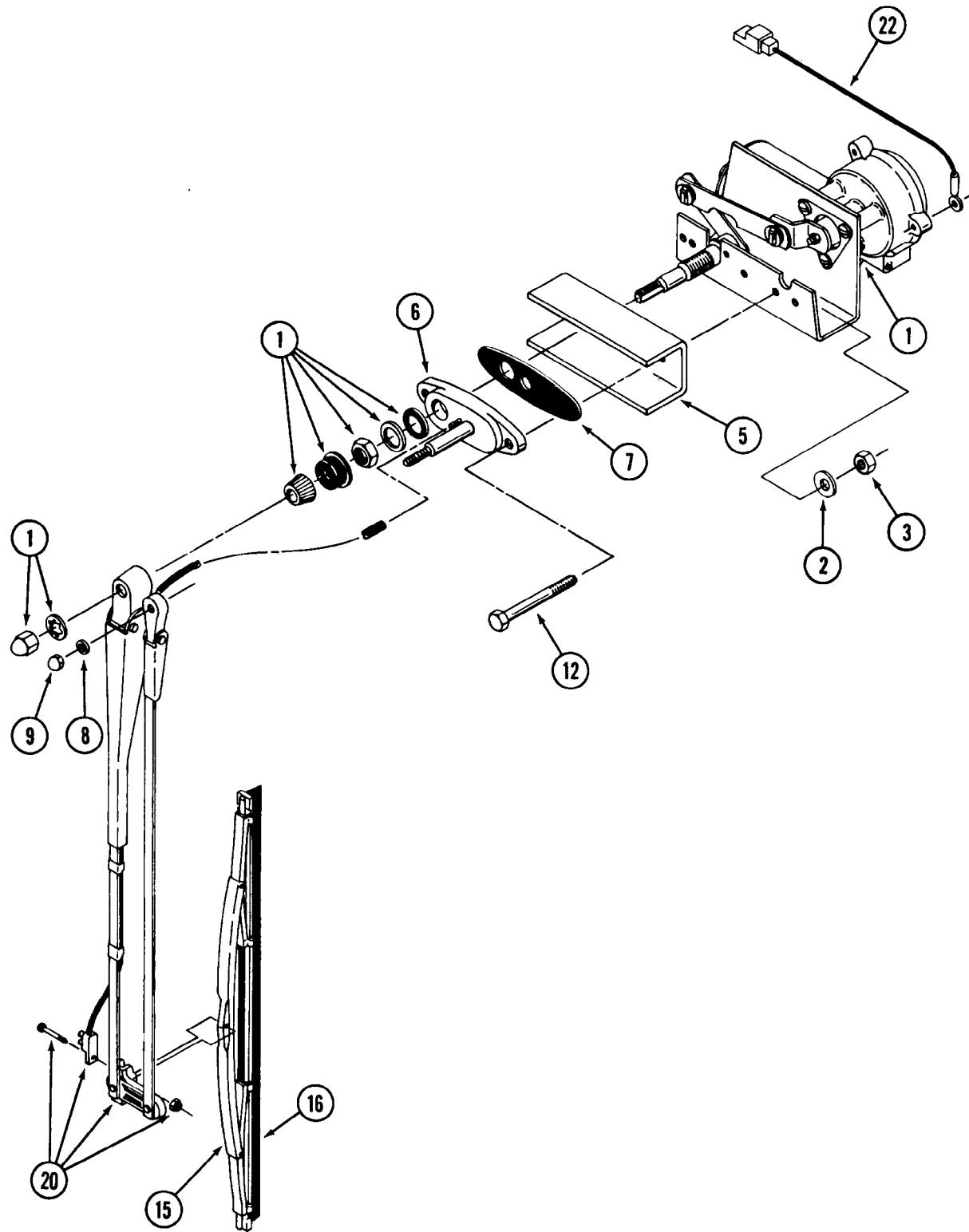
REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1961T91	KIT - front frame work lamps, no longer available, order component parts separately	1
1	22-824	STRAP - tie, 7 inch.....	2
2	60-4336T1	BRACKET - mounting, cab to flood lamp.....	2
3	D37049	WASHER - lock, 1/2 inch	2
4	425-108	NUT - hex, 1/2 inch NC	2
5	426-424	BOLT - hex, 1/4 NC x 1-1/2 inch, grade 8	4
6	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch	8
7	425-104	NUT - hex, 1/4 inch NC	4
	ZAA7189850	LAMP ASSEMBLY - work, replaces 20-1730T92 lamp	2
8	NSS	HOUSING - lamp	1
9	20-1822T1	LENS - sealed beam.....	1
10	493-11026	WASHER - internal-external tooth lock, 1/4 inch	2



**9370, 9380, and 9390 Tractor
RADIO AND SPEAKERS**

4-57

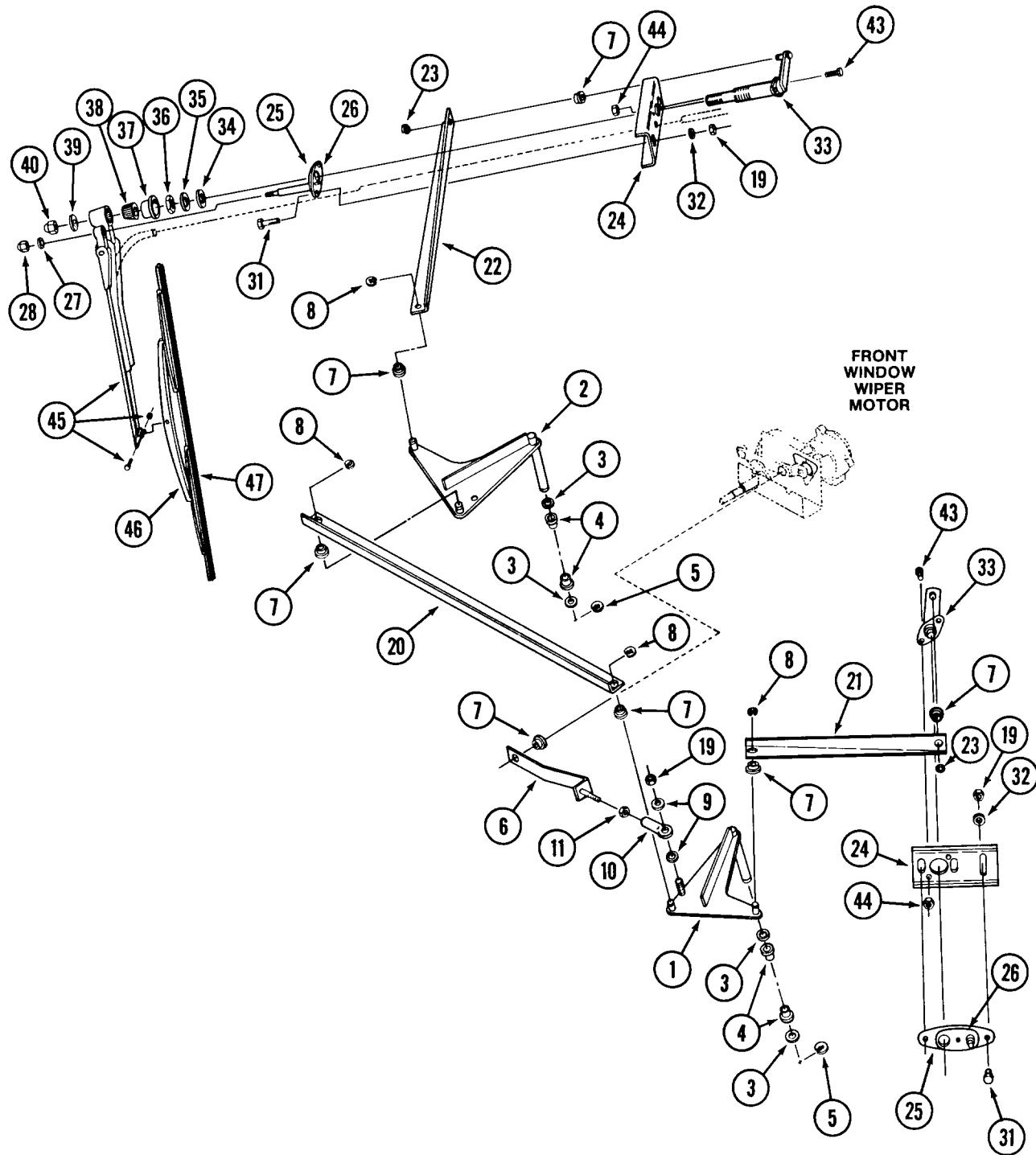
REF.	PART NO.	DESCRIPTION	REQ'D.
1	141950A2	RADIO - AM-FM stereo	1
1	141951A2	RADIO - AM-FM stereo, with cassette tape player	1
2	60-7157T1	BRACKET - mounting	1
3	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF	1
4	97080C1	ANTENNA ASSEMBLY - radio, includes base, mast, cable, and hardware, replaces 60-6490T1 antenna	1
5	22-766	GROMMET - antenna	1
6	60-5748T1	SPEAKER - radio	2
7	440-11010	SCREW - machine, pan Phillips, No. 10 NC x 5/8 inch	8
8	22-824	STRAP - tie, 7 inch	2
9	1987530C1	SCREW - flat head, special	1



**9370, 9380, and 9390 Tractor
FRONT WINDOW WIPER**

4-59

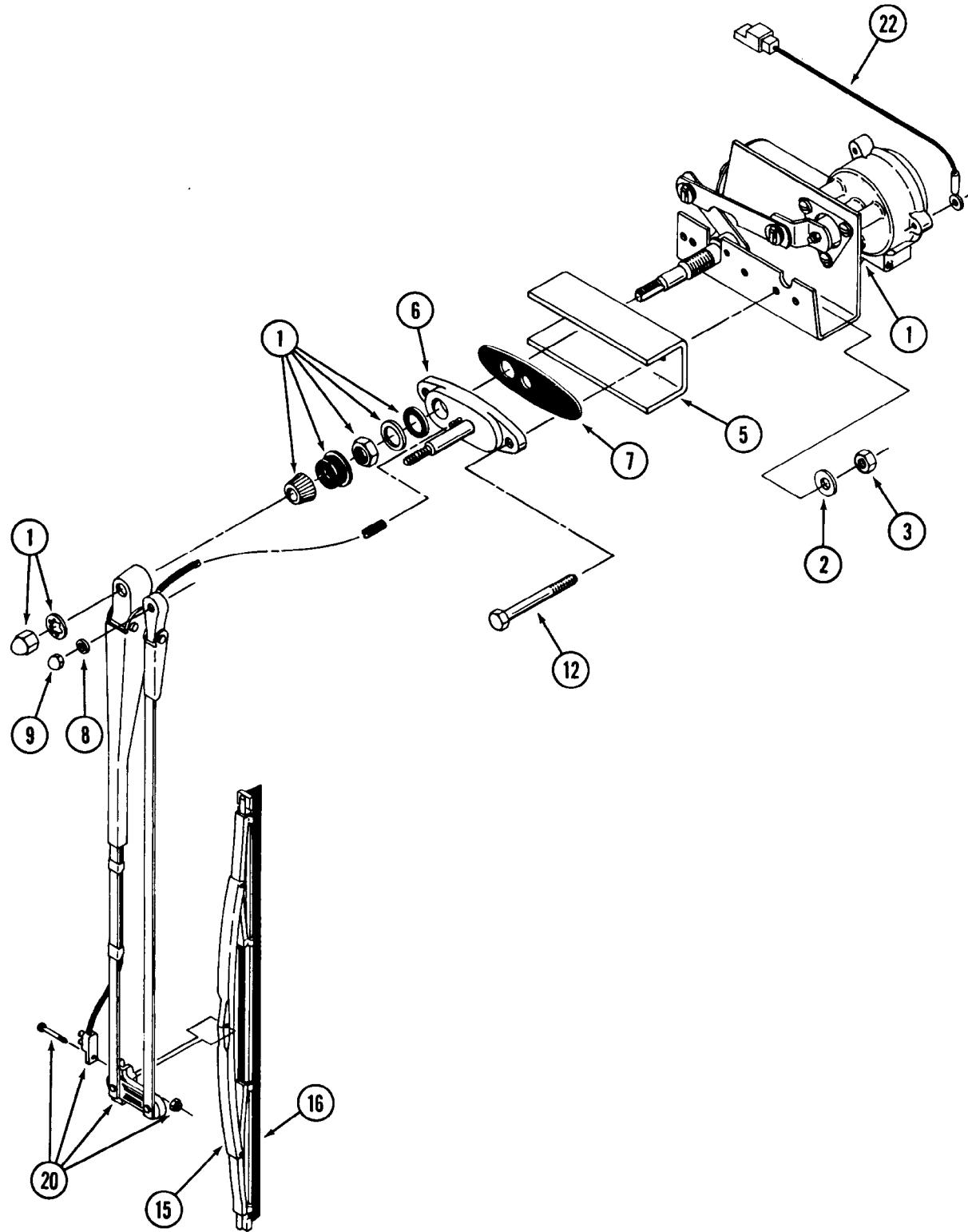
REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	DRIVE ASSEMBLY - wiper, parts list page 4-67.....	1
2	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	2
3	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	2
5	60-6528T1	BRACKET - wiper mounting spacer	1
	60-1436T91	KIT - pivot, wiper blade	1
6	NSS	PIVOT - body and shaft	1
7	NSS	GASKET - pivot	1
8	2-4191T1	WASHER - flat	1
9	2-4192T1	NUT - hex cap	1
12	414-440	BOLT - hex, 1/4 NF x 2-1/2 inch	2
	60-1145T91	BLADE ASSEMBLY - wiper.....	1
15	NSS	FRAME - wiper blade	1
16	2-4194T1	BLADE - wiper, rubber, 18 inch	1
20	60-1144T1	ARM - wiper, 17 inch	1
22	60-7091T1	CABLE - ground, motor	1



SIDE WINDOW WIPERS**If Equipped**

REF.	PART NO.	DESCRIPTION	REQ'D.
	* 35-1926T91	KIT - wiper, side and rear window with washer, order from Machinery Price List	1
1	60-5903T1	BRACKET - pivot, left-hand	1
2	60-5904T1	BRACKET - pivot, right-hand	1
3	19-5370	WASHER - wave, 7/16 x 5/8 x 3/64 inch	4
4	19-6263	BEARING - flanged	4
5	19-5866	RING - snap, main pivots	2
6	60-6630T1	ARM - link, actuating	1
7	19-6262	BEARING - snap in	7
8	19-5992	RING - snap	4
9	60-5994T1	SPACER - ball joint	2
10	A146456	JOINT - ball, 1/4 inch NF, actuating	1
11	425-114	NUT - hex, 1/4 inch NF	1
19	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	5
20	60-5899T1	ANGLE - actuating, front	1
21	60-5900T1	ANGLE - actuating, left-hand	1
22	60-5901T1	ANGLE - actuating, right-hand	1
23	D71414	RETAINER - spring clip	2
24	60-6529T2	SPACER - shaft, pivot	2
	60-1436T91	KIT - pivot, wiper blade	2
25	NSS	PIVOT - body and shaft, wiper blade	2
26	2-4190T1	GASKET - pivot	2
27	2-4191T1	WASHER - flat	2
28	2-4192T1	NUT - hex cap	2
31	426-424	BOLT - hex, 1/4 NC x 1-1/2 inch, grade 8	4
32	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	4
	F96719	DRIVE ASSEMBLY - shaft and pivot arm	2
33	NSS	SHAFT - wiper pivot	2
34	D71417	WASHER - special, flat	2
35	495-81032	WASHER - flat, 23/32 x 1-1/4 x 3/64 inch	2
36	D71419	NUT - special, hex jam	2
37	D71420	CAP - shaft	2
38	1267556C1	NUT - knurled drive	2
39	1-9422	WASHER - lock	2
40	D71422	NUT - hex, dome	2
43	463-41012	SCREW - machine, hex slotted washer head, No. 10 NC x 3/4 inch	4
44	230-14409	NUT - hex, self-locking, No. 10 NC	4
45	60-1144T1	ARM - wiper, 17 inch	2
	60-1145T91	BLADE ASSEMBLY - wiper	2
46	NSS	FRAME - wiper	1
47	2-4194T1	BLADE - wiper, rubber, 18 inch	1

*** NOTE:** Wiper Kit also includes the parts shown on pages 4-63 and 4-65.

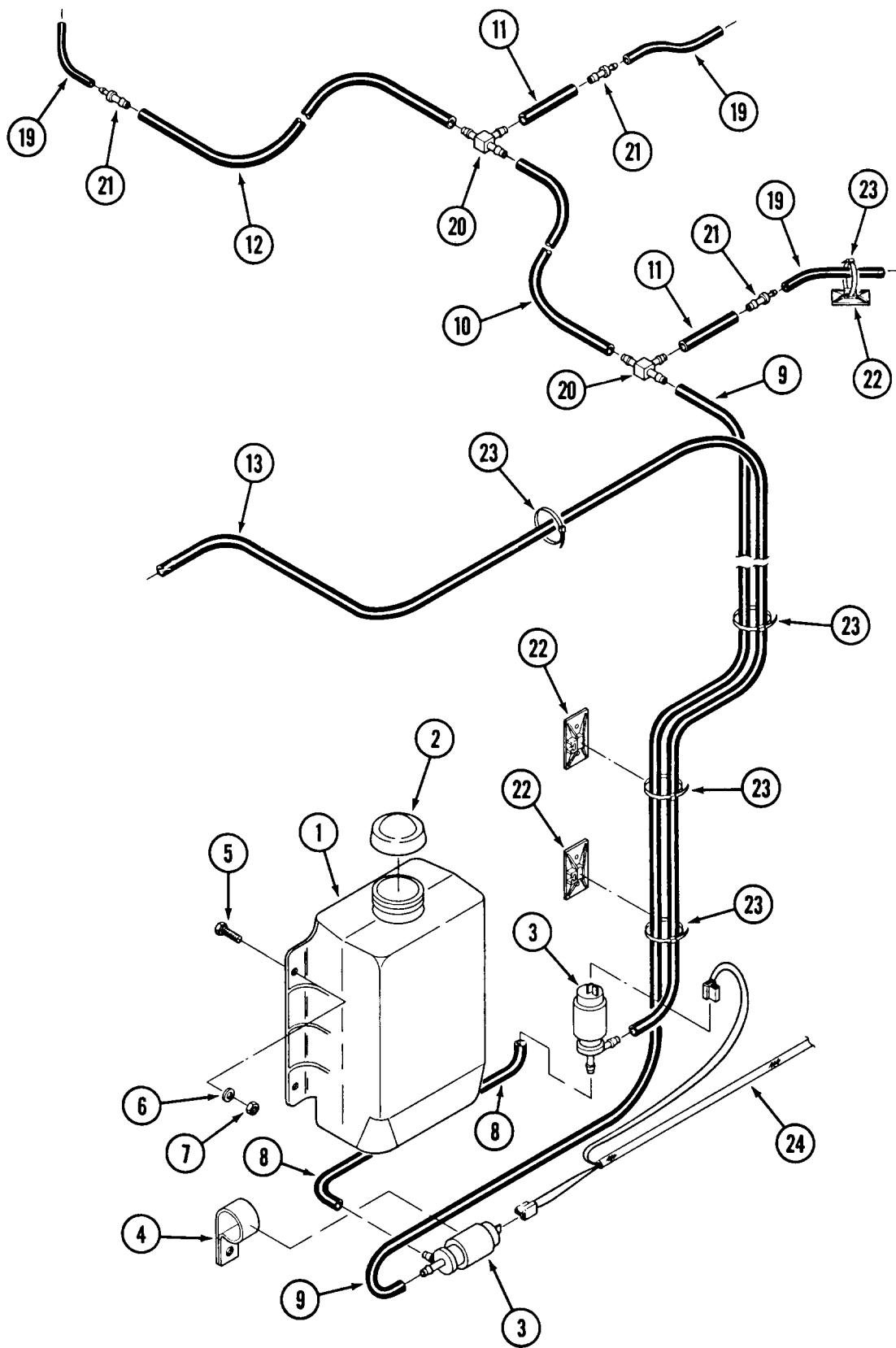


9370, 9380, and 9390 Tractor
REAR WINDOW WIPER

4-63

REF.	PART NO.	DESCRIPTION	REQ'D.
	*35-1926T91	KIT - wiper, side and rear window with washer, order from Machinery Price List	1
1	REF	DRIVE ASSEMBLY - wiper, parts list page 4-69	1
2	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	2
3	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	2
5	60-6529T2	SPACER - shaft, pivot	1
	60-1436T91	KIT - pivot, wiper blade	1
6	NSS	PIVOT - body and shaft	1
7	NSS	GASKET - pivot	1
8	2-4191T1	WASHER - flat	1
9	2-4192T1	NUT - hex cap	1
12	414-424	BOLT - hex, 1/4 NF x 1-1/2 inch	2
	60-1145T91	BLADE ASSEMBLY - wiper	1
15	NSS	FRAME - wiper blade	1
16	2-4194T1	BLADE - wiper, rubber, 18 inch	1
20	60-1144T1	ARM - wiper, 17 inch	1
22	60-7091T1	CABLE - ground, motor	1

*** NOTE:** Wiper Kit also includes the parts shown on pages 4-61 and 4-65.

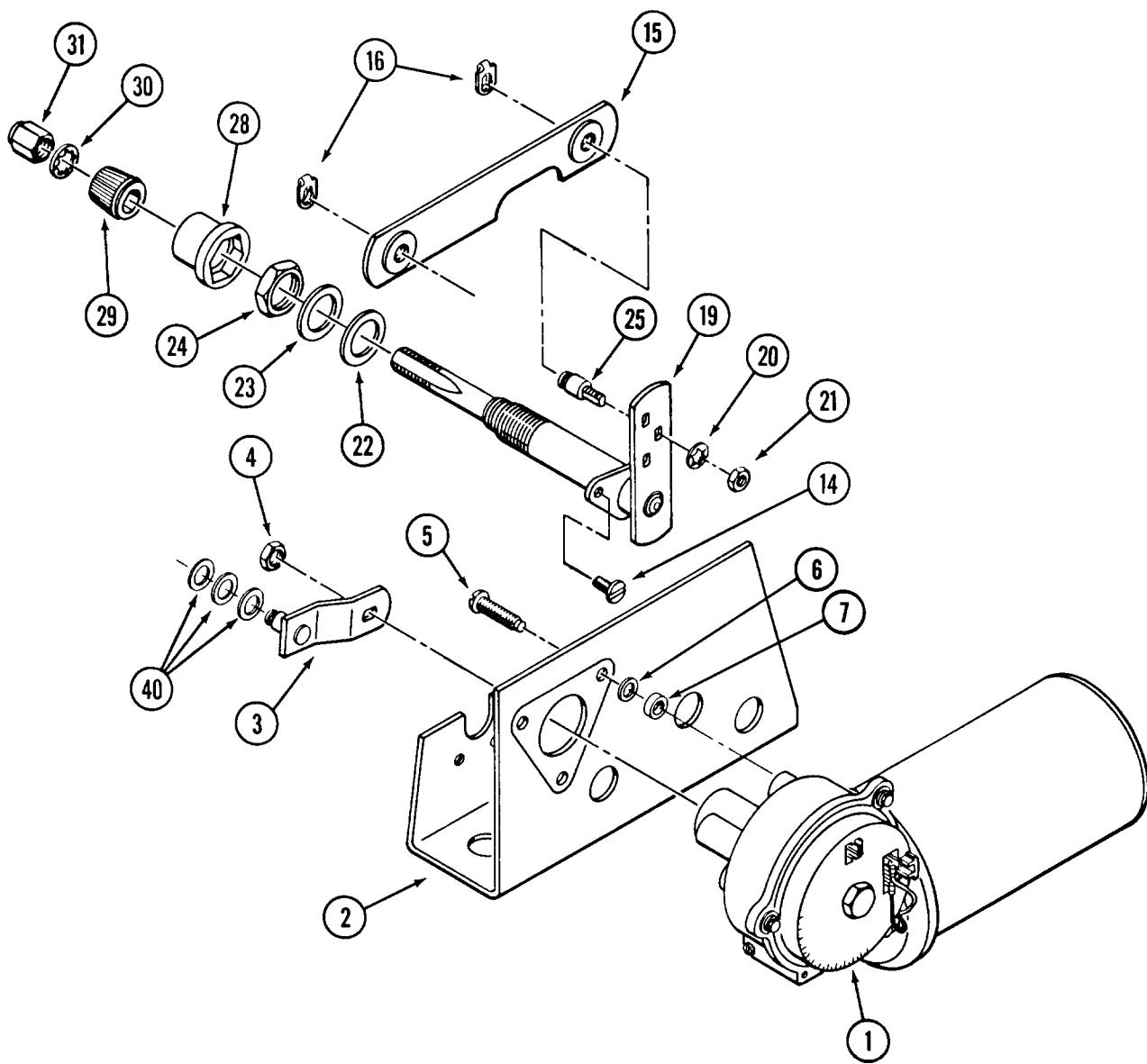


WINDOW WASHERS

If Equipped

REF.	PART NO.	DESCRIPTION	REQ'D.
	* 35-1926T91	KIT - wiper, side and rear window with washer, order from Machinery Price List	1
1	60-6524T1	TANK ASSEMBLY - washer fluid.....	1
2	60-4241T1	CAP - tank.....	1
3	60-3183T1	PUMP - washer fluid.....	2
4	31-2361	CLAMP - P-type, pump	1
5	434-512	BOLT - carriage, 5/16 NC x 3/4 inch	4
6	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	5
7	425-105	NUT - hex, 5/16 inch NC	5
8	NSS	HOSE - washer, 254 mm (10 inch) long, cut from 4-1056 bulk hose, see below	2
9	NSS	HOSE - washer, 3302 mm (130 inch) long, cut from 4-1056 bulk hose, see below	1
10	NSS	HOSE - washer, 610 mm (24 inch) long, cut from 4-1056 bulk hose, see below	1
11	NSS	HOSE - washer, 51 mm (2 inch) long, cut from 4-1056 bulk hose, see below	1
12	NSS	HOSE - washer, 305 mm (12 inch) long, cut from 4-1056 bulk hose, see below	1
13	NSS	HOSE - washer, 4470 mm (176 inch) long, cut from 4-1056 bulk hose, see below	3
19	NSS	HOSE - washer, 254 mm (10 inch) long, cut from 31-2607 bulk hose, see below	4
20	31-2363	TEE - nylon, 3/16 inch	2
21	31-2364	CONNECTOR - nylon, 3/16 x 7/64 inch.....	3
22	22-823	MOUNT - adhesive back, strap	3
23	22-824	STRAP - tie, 7 inch.....	UAR
24	60-7077T3	HARNESS - front frame.....	1
	4-1056	HOSE - bulk, 5 (3/16) ID x 6096 mm (240 inch) long	UAR
	31-2607	HOSE - bulk, 3048 mm (120 inch) long	UAR

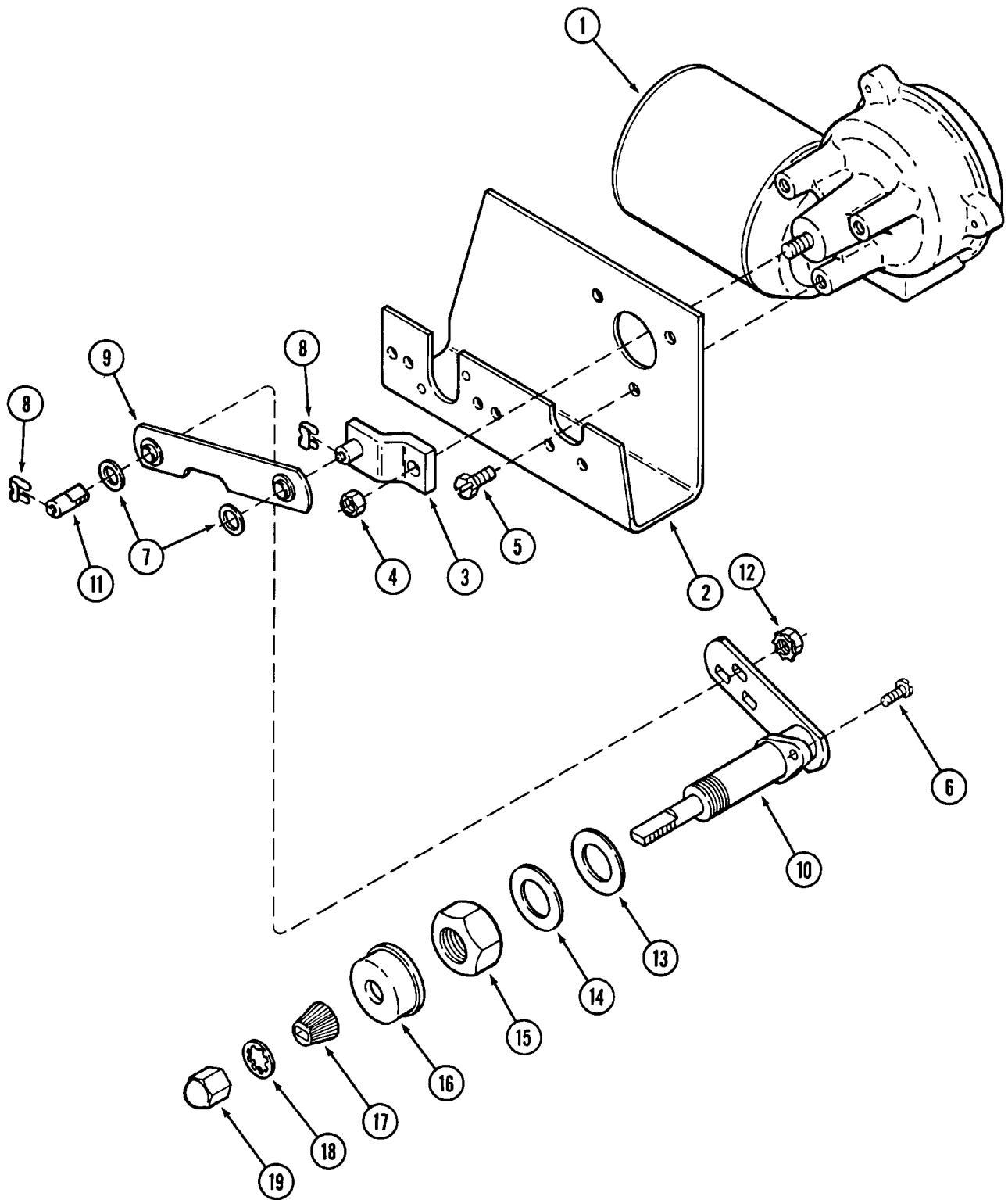
*NOTE: Wiper Kit also includes the parts shown on pages 4-61 and 4-63.



9370, 9380, and 9390 Tractor
WIPER DRIVE ASSEMBLY
Front Windows

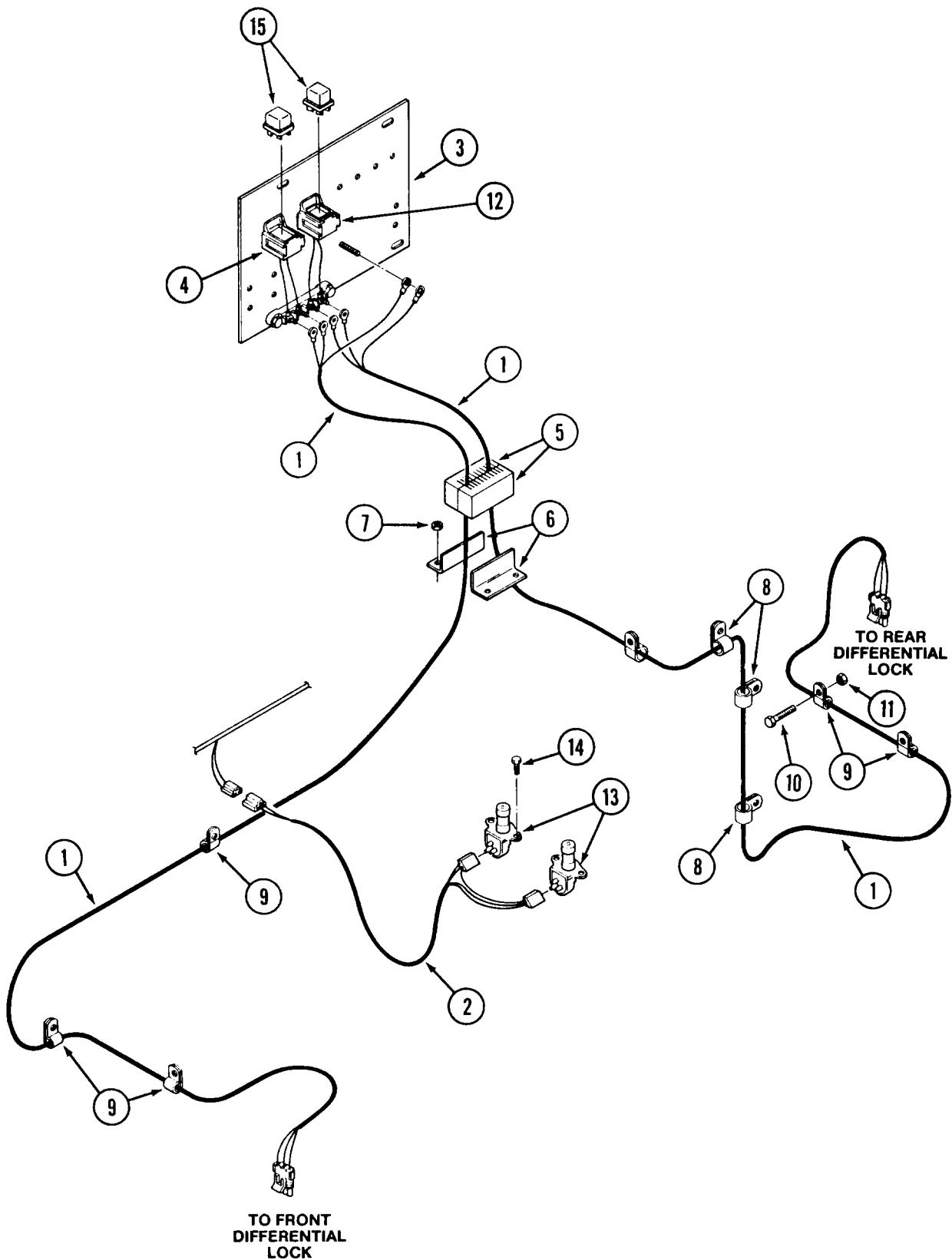
4-67

REF.	PART NO.	DESCRIPTION	REQ'D.
	60-6577T91	DRIVE ASSEMBLY - wiper, no longer available, order component parts separately.....	1
1	60-6586T1	MOTOR - wiper drive, replaced by 129068A3 kit.....	1
1	* NSS	MOTOR - wiper drive	1
2	60-6633T1	BRACKET - mounting, drive motor	1
3	* 60-6626T1	LEVER - drive.....	1
4	* 143267A1	NUT - special, retaining, replaces 60-6632T1 nut	1
5	60-6631T1	BOLT - special, hex slotted with lockwasher	3
6	60-5913T1	SPACER - motor	1
7	19-6265T1	SPACER - motor	1
14	2-6870T1	SCREW - machine, pan head, special.....	1
15	D71427	LINK - connecting.....	1
16	D71414	RETAINER - spring clip	2
19	2-6869T91	DRIVE ASSEMBLY - shaft and pivot arm	1
20	493-41026	WASHER - external tooth lock, 1/4 inch.....	1
21	425-114	NUT - hex, 1/4 inch NF.....	1
22	N6749	WASHER - felt	1
23	N6750	WASHER - flat	1
24	60-3497T1	NUT - hex, jam	1
25	NSS	PIN - shaft, pivot	1
28	D71420	CAP - shaft, rubber.....	1
29	1267556C1	NUT - knurled drive.....	1
30	493-21039	WASHER - internal tooth lock, 3/8 inch	1
31	60-6635T1	NUT - special	1
40	A22431	WASHER - special, quantity of 1 if equipped with side wiper	3
* 129068A3		KIT - wiper motor, includes all items above marked with an asterisk and (1) 129067A1 arm, not shown, replaces 60-6586T1 motor, item 1	1



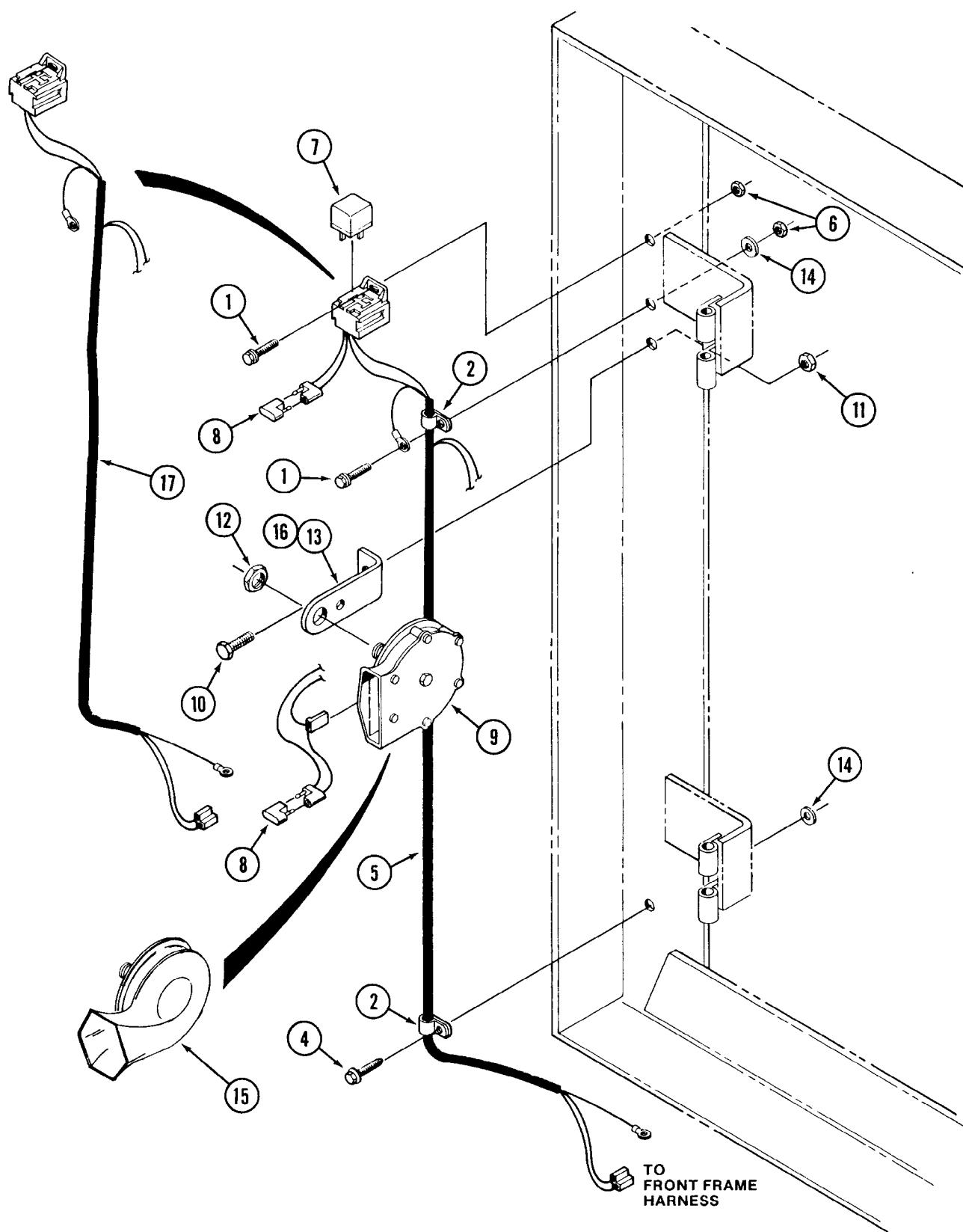
WIPER DRIVE ASSEMBLY**Rear Window**

REF.	PART NO.	DESCRIPTION	REQ'D.
	60-6578T91	DRIVE ASSEMBLY - wiper motor, no longer available, order component parts separately	1
1	60-6586T1	MOTOR - wiper drive, replaced by 129068A3 kit.	1
1	* NSS	MOTOR - wiper drive	1
2	D72850	BRACKET - mounting, replaces 60-6633T1 bracket	1
3	* 60-6626T1	LEVER - drive.	1
4	* 143267A1	NUT - special, replaces 60-6632T1 nut	1
5	60-6631T1	BOLT - special, hex slotted with lockwasher	3
6	459-1108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch	2
7	A22431	WASHER - special	1
8	D71414	RETAINER - spring clip	2
9	D71427	LINK - connecting.	1
10	60-6581T91	SHAFT ASSEMBLY - wiper drive pivot	1
11	NSS	PIN - link	1
12	NSS	NUT - lock.	1
13	N6749	WASHER - felt	1
14	N6750	WASHER - flat	1
15	60-3497T1	NUT - hex, jam	1
16	D71420	CAP - shaft, rubber.	1
17	1267556C1	NUT - knurled drive.	1
18	493-21039	WASHER - internal tooth lock, 3/8 inch	1
19	60-6635T1	NUT - special	1
* 129068A3		KIT - wiper motor, adapter, includes all items above marked with an asterisk and (1) 129067A1 arm, not shown, replaces 60-6586T1	1



CONTROL TRACTION DIFFERENTIAL HARNESES

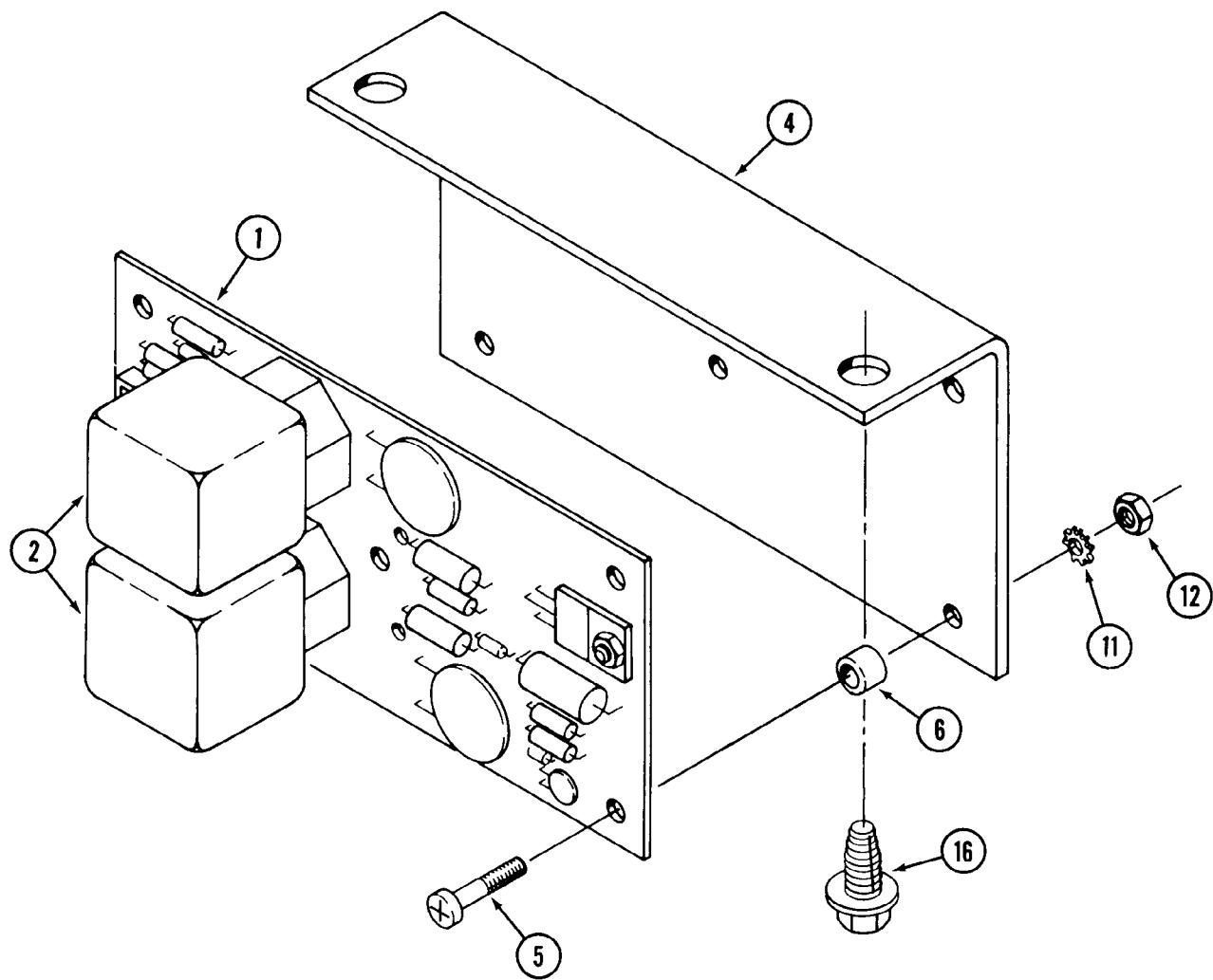
REF.	PART NO.	DESCRIPTION	REQ'D.
1	20-2484T1	HARNESS - differential, front and rear	2
2	60-6341T1	HARNESS - switch, differential lock	1
3	60-5052T3	PLATE - relay mounting.....	1
4	60-6340T1	HARNESS - relay, front differential lock, see page 4-17 for mounting hardware	1
5	60-6066T1	SEAL - foam	2
6	60-6065T1	ANGLE - retaining, foam	2
7	231-1445	NUT - hex, self-locking, 5/16 inch NC	4
8	515-23238	CLAMP - P-type, 15/16 inch ID, harness.....	3
9	A62209	CLAMP - P-type.....	5
10	426-624	BOLT - hex, 3/8 NC x 1-1/2 inch, grade 8	1
11	425-106	NUT - hex, 3/8 inch NC	1
12	60-6339T1	HARNESS - relay, rear differential lock, see page 4-17 for mounting hardware	1
13	20-1988T1	SWITCH - on/off, differential	2
14	426-48	BOLT - hex, 1/4 NC x 1/2 inch, grade 8.....	4
15	1983394C2	RELAY - mini, 12 volt.....	2



**9370, 9380, and 9390 Tractor
HORN AND MOUNTING**

4-73

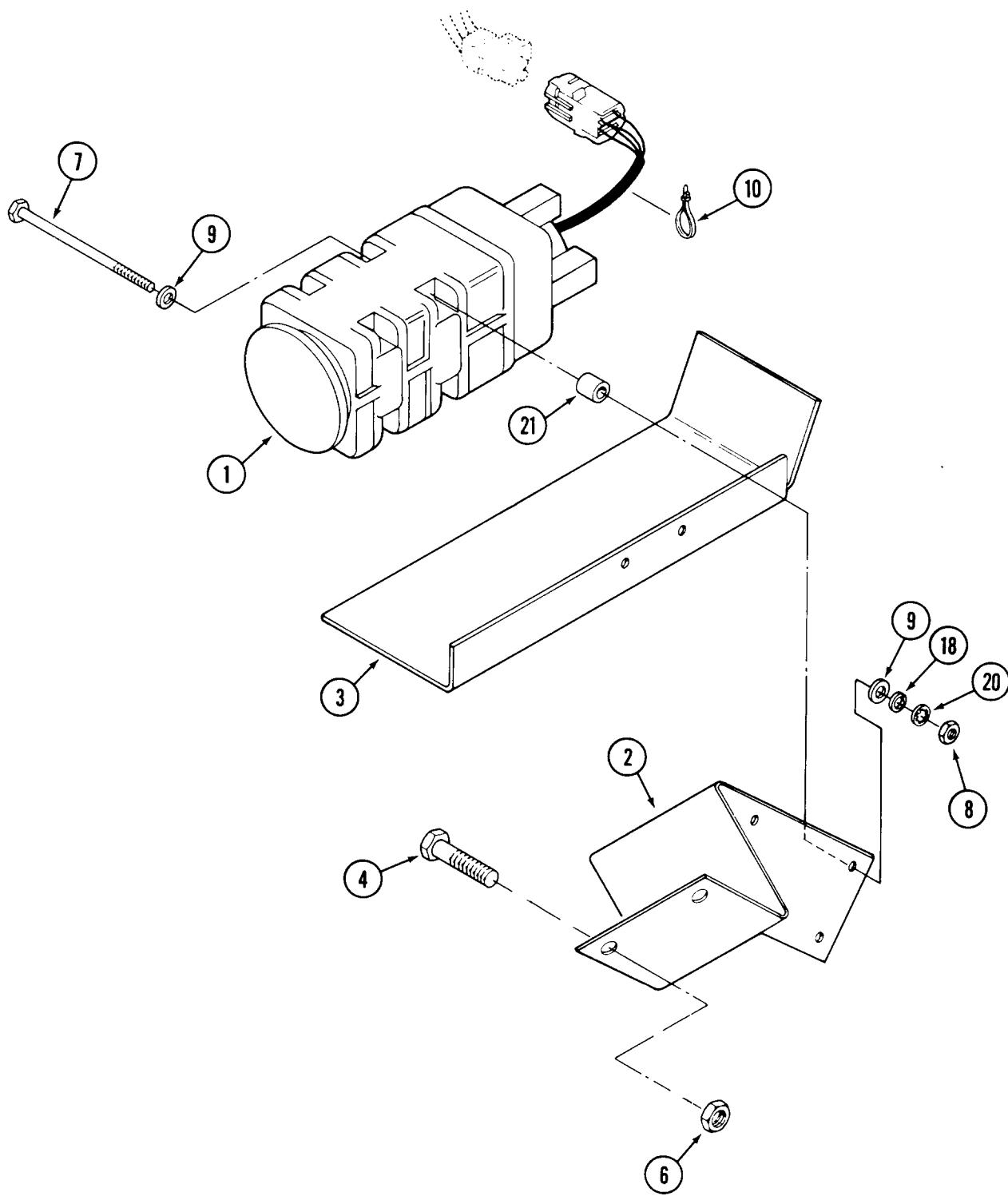
REF.	PART NO.	DESCRIPTION	REQ'D.
1	463-41012	SCREW - machine, hex slotted washer head, No. 10 NC x 3/4 inch	2
2	515-2395	CLAMP - P-type, 3/8 inch ID	2
4	282-44712	SCREW - self-drilling tapping, hex washer head, 1/4 NC x 3/4 inch.....	1
5	60-6290T1	HARNESS - horn, replaced by 60-7241T1 harness, item 17	1
6	193-1004	NUT - hex, with external tooth lock washer, No. 10 NC	2
7	1983394C2	RELAY - mini, 12 volt.....	1
8	22-738	DIODE - electrical	2
9	R45962	HORN - "F" Note, 12 volt, electrical, replaced by 60-7242T1 horn, item 15.....	1
10	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.....	1
11	231-1445	NUT - hex, self-locking, 5/16 inch NC	1
12	L30866	NUT - hex, special	1
13	L73799	BRACKET - mounting, horn, used with R45962 horn, item 9	1
14	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	2
15	60-7242T1	HORN - 12 volt, replaces R45962 horn, item 9	1
16	NSS	BRACKET - mounting, horn	1
17	60-7241T1	HARNESS - horn, replaces 60-6290T1 harness, item 5	1



9370, 9380, and 9390 Tractor
TIME BASE FLASHER ASSEMBLY

4-75

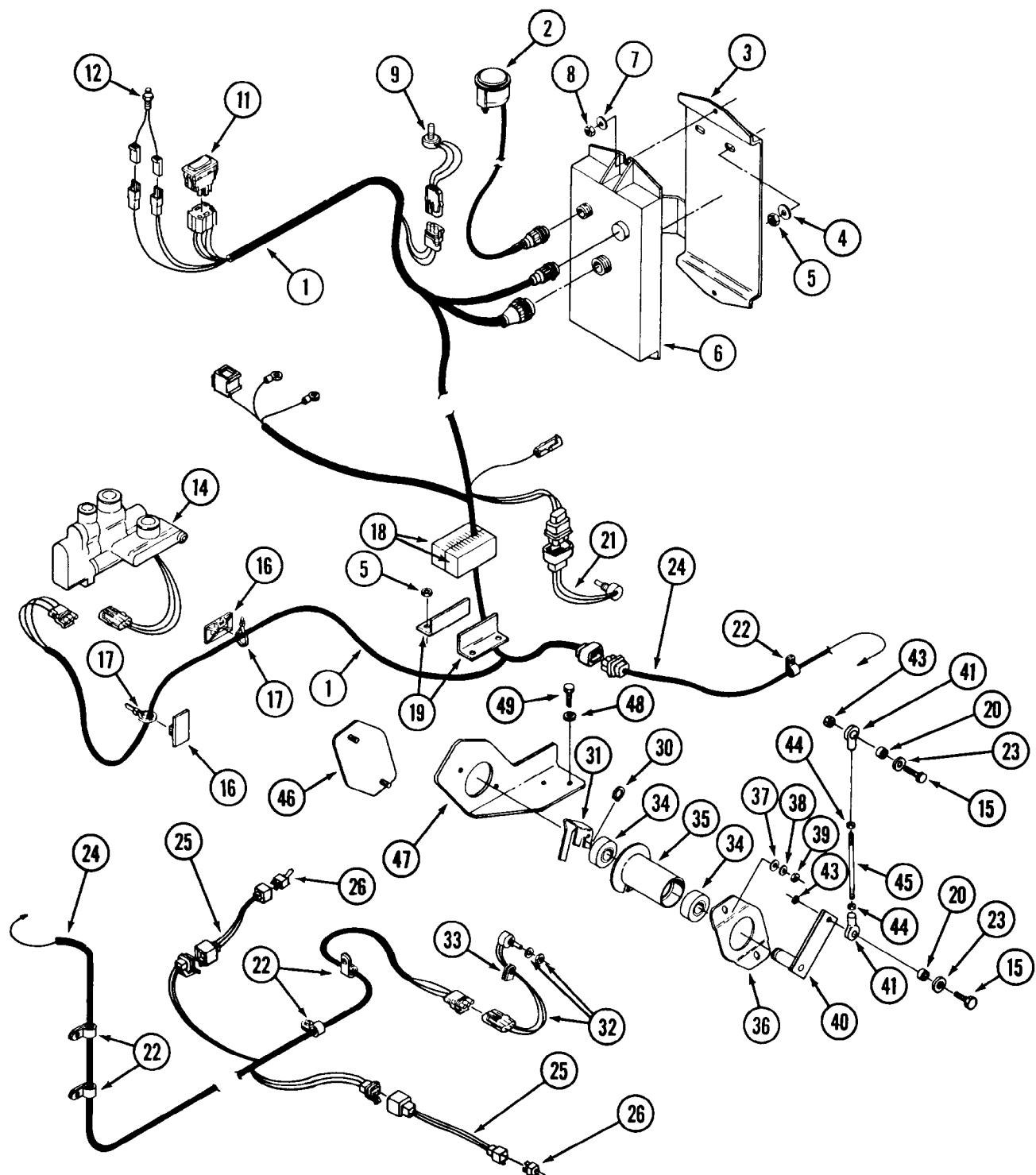
REF.	PART NO.	DESCRIPTION	REQ'D.
1	20-2123T3	BOARD ASSEMBLY - circuit.....	1
2	1983394C2	RELAY - mini, 12 volt.....	2
4	25-1000155	BRACKET - mounting, circuit board	1
5	440-10610	SCREW - machine, pan Phillips, No. 6 NC x 5/8 inch.....	5
6	25-1000174	SPACER - circuit board.....	5
11	493-41014	WASHER - external tooth lock, No. 6	5
12	225-14106	NUT - hex, No. 6 NC	5
16	276-1478	SCREW - self-tapping, hex head, 1/4 NC x 1/2 inch.....	2



**9370, 9380, and 9390 Tractor
GROUND SPEED SENSOR**

4-77

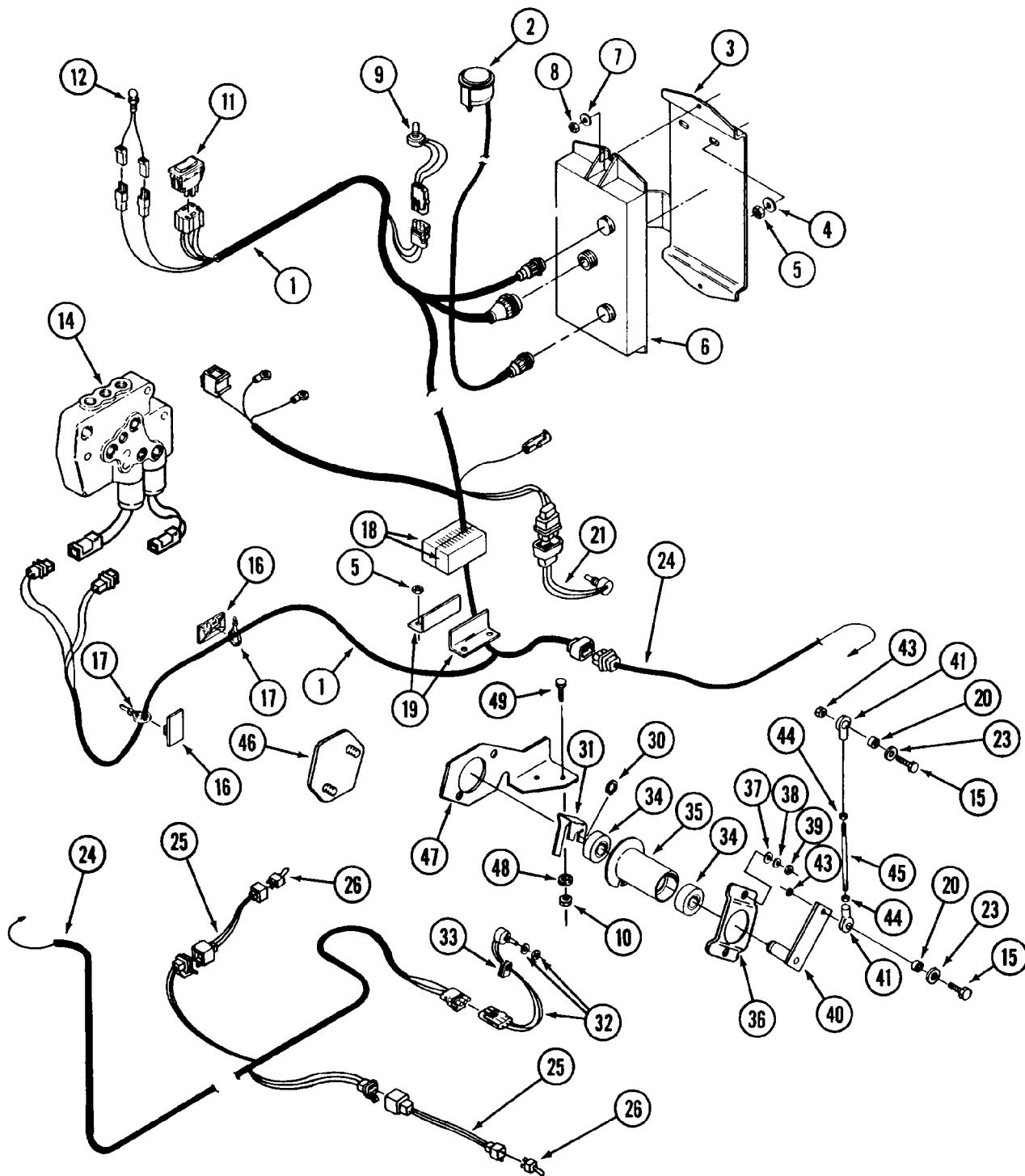
REF.	PART NO.	DESCRIPTION	REQ'D.
1	228760A1	SENSOR - speed, ground, replaces 1983294C1 sensor.....	1
2	60-6130T1	BRACKET - mounting, sensor	1
3	60-6131T1	GUARD - sensor	1
4	426-828	BOLT - hex, 1/2 NC x 1-3/4 inch, grade 8	2
6	231-4118	NUT - hex, self-locking, 1/2 inch NC	2
7	426-472	BOLT - hex, 1/4 NC x 4-1/2 inch, grade 8	4
8	425-104	NUT - hex, 1/4 inch NC	4
9	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	8
10	22-824	STRAP - tie, 7 inch.....	1
18	492-11025	WASHER - lock, 1/4 inch	4
20	493-21026	WASHER - internal tooth lock, 1/4 inch	1
21	50-2955T1	SPACER - standoff, mounting	4



THREE POINT HITCH HARNESSES

Prior to P.I.N. JEE0069665

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7017T2	HARNESS - electronic depth control.....	1
2	60-7222T1	GAUGE - display, seven segment, replaces 60-7015T1 gauge	1
3	60-6120T1	PLATE - mounting, controller.....	1
4	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	3
5	231-1445	NUT - hex, self-locking, 5/16 inch NC	7
6	232836A3	CONTROLLER - three point hitch, electronic, replaces 60-7014T1 controller	1
7	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	2
8	425-104	NUT - hex, 1/4 inch NC	2
9	A186061	POTENTIOMETER - electrical	1
11	60-7018T1	SWITCH - rocker	1
12	1964672C1	LIGHT - indicator, amber, 14 volt.....	1
14	50-3321T91	VALVE ASSEMBLY - control, hitch, three point, parts list page 8-95	1
15	163-55	SCREW - machine, hex head, No. 10 NC x 1-1/4 inch	2
16	22-823	MOUNT - adhesive back, strap	2
17	22-824	STRAP - tie, 7 inch	UAR
18	60-6066T1	SEAL - foam	2
19	60-6065T1	ANGLE - retaining, foam	2
20	90-7749T1	SPACER - joint	2
21	122756A3	POTENTIOMETER - single, 1K.....	1
22	515-23238	CLAMP - P-type, 15/16 inch ID, harness.....	5
23	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	2
24	60-7016T2	HARNESS - three point hitch.....	1
25	60-7167T1	HARNESS - switch, three point hitch.....	2
26	60-7039T1	SWITCH - toggle, three point hitch	2
	60-7012T91	HOUSING ASSEMBLY - potentiometer, prior to P.I.N. JEE0069308, see page 4-81 for P.I.N. JEE0069308 and after.....	1
30	19-5860	RING - snap	1
31	60-6186T1	MOUNT - potentiometer.....	1
32	122756A3	POTENTIOMETER - single, 1K, raise and lower.....	1
33	31-2475	GROMMET - wire.....	1
34	60-6177T1	BEARING - ball	2
35	60-6167T3	HOUSING - potentiometer	1
36	60-6169T2	RETAINER - housing	1
37	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	2
38	493-21026	WASHER - internal tooth lock, 1/4 inch	2
39	425-104	NUT - hex, 1/4 inch NC	2
40	60-7159T2	LEVER - actuating	1
41	H433283	JOINT - ball, linkage	2
43	231-14109	NUT - hex, self-locking, No. 10 NC	2
44	225-14210	NUT - hex, No. 10 NF.....	2
45	60-6175T1	ROD - actuating	1
46	60-6185T1	PLATE - mounting, housing	1
47	60-6653T1	MOUNT - potentiometer assembly	1
48	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	2
49	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	2

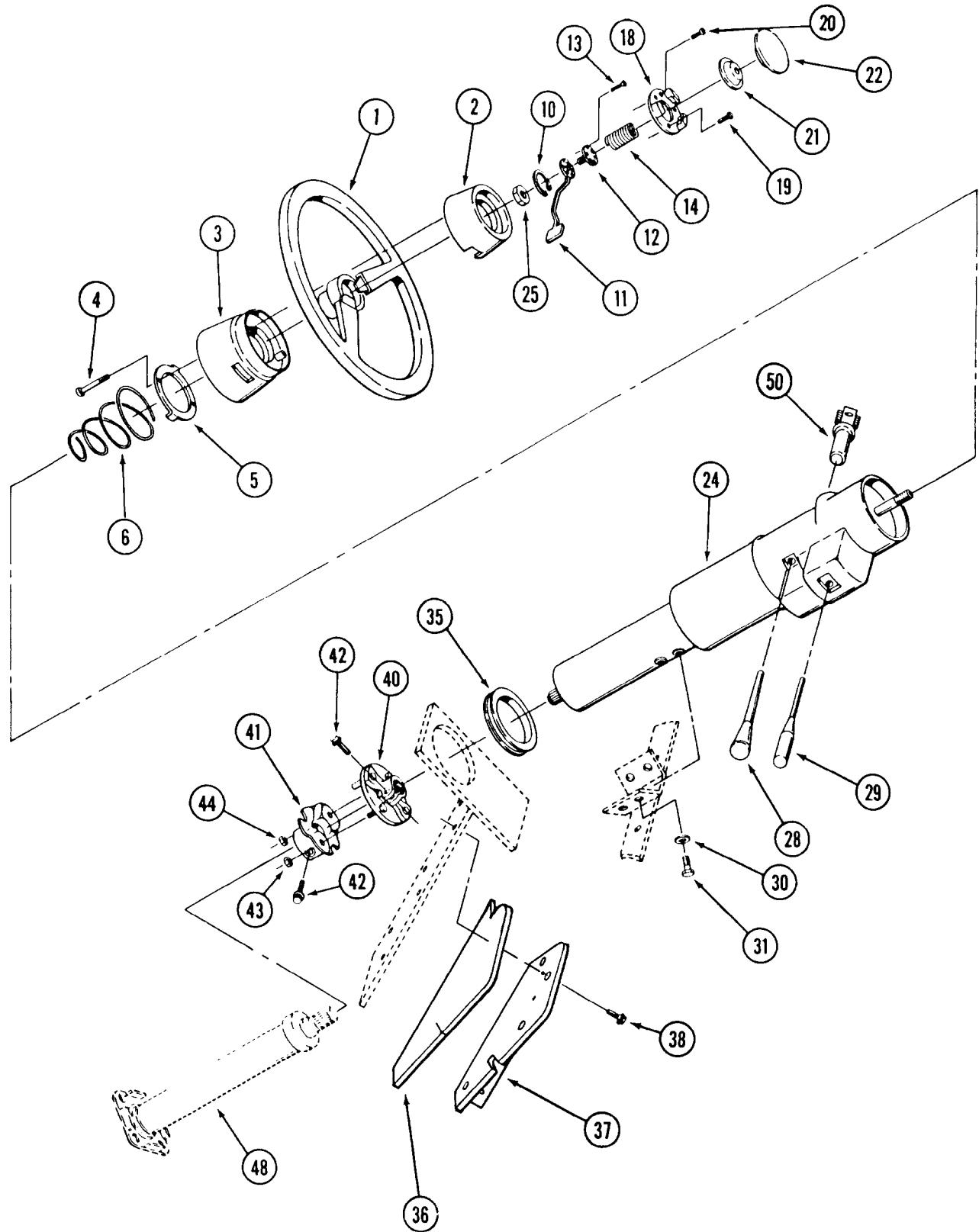


THREE POINT HITCH HARNESSES
P.I.N. JEE0069665 and After

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7274T1	HARNESS - electronic depth control.....	1
2	60-7222T1	GAUGE - display, seven segment.....	1
3	60-6120T1	PLATE - mounting, controller.....	1
4	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	3
5	231-1445	NUT - hex, self-locking, 5/16 inch NC	7
6	60-7281T2	CONTROLLER - three point hitch, electronic	1
7	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	2
8	425-104	NUT - hex, 1/4 inch NC	2
9	A186061	POTENTIOMETER - electrical	1
10	425-106	NUT - hex, 3/8 inch NC, P.I.N JEE0069308 and after.....	2
11	60-7018T1	SWITCH - rocker	1
12	1964672C1	LIGHT - indicator, amber, 14 volt.....	1
14	246245A1	VALVE ASSEMBLY - control, three point hitch, parts list page 8-97.....	1
15	163-55	SCREW - machine, hex head, No. 10 NC x 1-1/4 inch	2
16	22-823	MOUNT - adhesive back, strap	2
17	22-824	STRAP - tie, 7 inch	UAR
18	60-6066T1	SEAL - foam	2
19	60-6065T1	ANGLE - retaining, foam	2
20	90-7749T1	SPACER - joint	2
21	122756A3	POTENTIOMETER - single, 1K.....	1
23	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	2
24	60-7019T1	SWITCH ASSEMBLY - toggle	1
25	60-7016T2	HARNESS - three point hitch.....	1
25	60-7167T1	HARNESS - switch, three point hitch.....	2
26	60-7039T1	SWITCH - toggle, three point hitch	2
	60-7280T91	HOUSING ASSEMBLY - potentiometer, P.I.N. JEE0069308 and after, see page 4-79 for prior to P.I.N. JEE0069308.....	1
30	19-5860	RING - snap	1
31	60-6186T1	MOUNT - potentiometer.....	1
32	122756A3	POTENTIOMETER - single, 1K, raise and lower.....	1
33	31-2475	GROMMET - wire.....	1
34	60-6177T1	BEARING - ball	2
35	60-6167T3	HOUSING - potentiometer	1
36	60-6169T2	RETAINER - housing	1
37	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	2
38	493-21026	WASHER - internal tooth lock, 1/4 inch	2
39	425-106	NUT - hex, 3/8 inch NC	2
40	60-7159T2	LEVER - actuating	1
41	H433283	JOINT - ball, linkage	2
43	231-14109	NUT - hex, self-locking, No. 10 NC	2
44	225-14210	NUT - hex, No. 10 NF.....	2
45	60-6175T1	ROD - actuating	1
46	60-6185T1	PLATE - mounting, housing	1
47	60-7277T1	MOUNT - potentiometer assembly	1
48	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	2
49	426-624	BOLT - hex, 3/8 NC x 1-1/2 inch, grade 8	2

**ALPHABETICAL INDEX
STEERING**

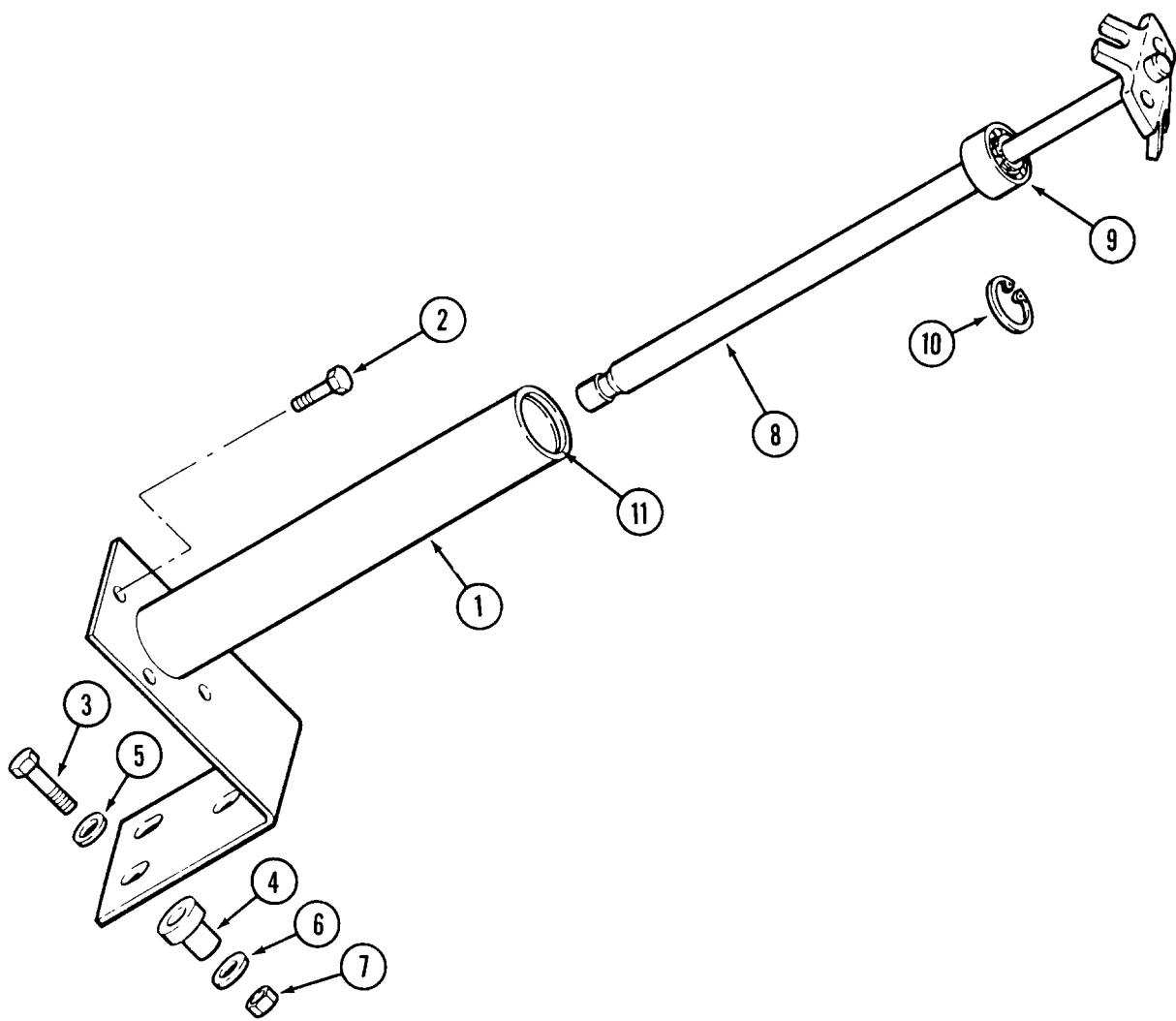
DESCRIPTION	PAGE
Steering Column Assembly	5-7, 5-9
Steering Column Lower Shaft.....	5-5
Steering Control Valve.....	5-15
Steering Cylinder	5-17
Steering Cylinder Mounting	5-19
Steering System Hydraulics, 9370 and 9380.....	5-11
Steering System Hydraulics, 9390.....	5-13
Steering Wheel and Column.....	5-3



9370, 9380, and 9390 Tractor
STEERING WHEEL AND COLUMN

5-3

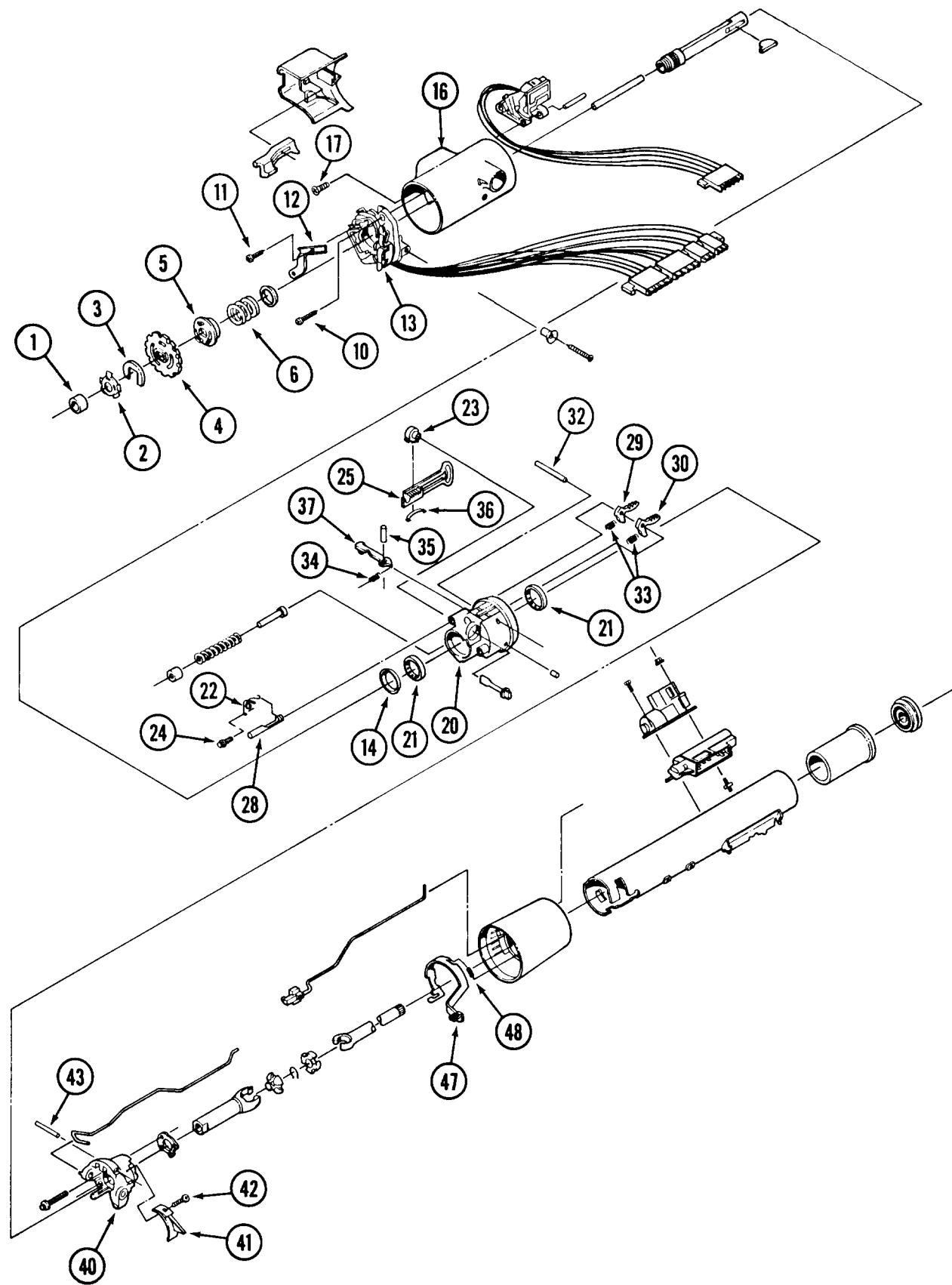
REF.	PART NO.	DESCRIPTION	REQ'D.
	2-3755T92	WHEEL ASSEMBLY - steering	1
1	60-1827T2	WHEEL - steering, no longer available, order 2-3755T92 wheel assembly	1
2	60-1828T1	COVER - hub, upper	1
3	60-1829T1	COVER - hub, lower	1
4	19-5791	SCREW - machine, self-tapping, pan head, No. 6 NS x 1-1/4 inch	2
5	60-1830T1	RETAINER - spring	1
6	60-1831T1	SPRING - compression, telescoping	1
10	18-1570	RING - snap, locking	1
11	60-1951T1	LEVER - release, telescoping	1
12	18-1565	SCREW - release, telescoping	1
13	60-6469T1	SCREW - machine, flat head, No. 10 NF x 1/4 inch	2
14	60-1820T1	SPRING - horn button	1
15	19-135	STRAP - tie, nylon, not shown	1
18	60-1819T1	PLATE - base	1
19	260-14510	SCREW - self-tapping, pan Phillips, No. 10-16 x 5/8 inch	3
20	260-14436	SCREW - self-tapping, pan Phillips, No. 8-18 x 2-1/4 inch	1
21	A13092	CUP - contact	1
22	60-1822T1	BUTTON - horn	1
24	1-7630	COLUMN ASSEMBLY - steering, tilt and telescoping, parts list pages 5-7 and 5-9	1
25	425-159	NUT - hex, jam, 9/16 inch NF	1
28	18-1567T1	LEVER - tilt actuating	1
29	1-4188T1	LEVER - turn signal, wiper, washer and hi-low beam	1
30	446363	WASHER - flat, 3/8 x 7/8 x 1/16 inch	4
31	614-8016	BOLT - hex, full threads, 8 - 1.25 x 16 mm	4
35	32-327	GROMMET - column	1
36	60-7109T1	SEAL - foam, steering column access	1
37	60-7110T1	PLATE - cover, access	1
38	281-14712	SCREW - self-tapping, hex washer head, 1/4 NC x 3/4 inch	6
40	60-4436T1	FLANGE - coupling, column	1
41	60-4437T1	FLANGE - coupling, steering shaft	1
42	7807271	BOLT - 12 point, special	2
43	451399	NUT - hex, 5/16 inch NF	1
44	9420821	NUT - hex, 3/8 inch NF	1
48	REF	SHAFT ASSEMBLY - steering lower, see page 5-5 for correct assembly and component parts	1
50	22-752T1	LOCK ASSEMBLY - ignition	1
51	A77313	KEY - set of two, not shown	1



9370, 9380, and 9390 Tractor
STEERING COLUMN LOWER SHAFT

5-5

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6665T1	COLUMN - steering shaft, lower	1
2	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8, used with 50-3553T92 valve, prior to P.I.N. JEE0071531, parts list page 5-15	4
2	627-10020	BOLT - hex, full threads, 10 - 1.5 x 20 mm, class 10.9, used with 50-3653T91 valve, P.I.N. JEE0071531 and after, parts list page 5-15	4
3	426-628	BOLT - hex, 3/8 NC x 1-3/4 inch, grade 8	3
4	D52276	INSULATOR - rubber.	3
5	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	6
6	496-41041	WASHER - flat, 13/32 x 1-1/8 x 9/64 inch, hardened	3
7	232-4136	NUT - hex, self-locking, 3/8 inch NC	3
8	60-6664T1	SHAFT ASSEMBLY - lower steering	1
9	60-6177T1	BEARING - ball	1
10	19-5860	RING - snap	1
11	100-21185	RING - internal retaining, No. 185	1

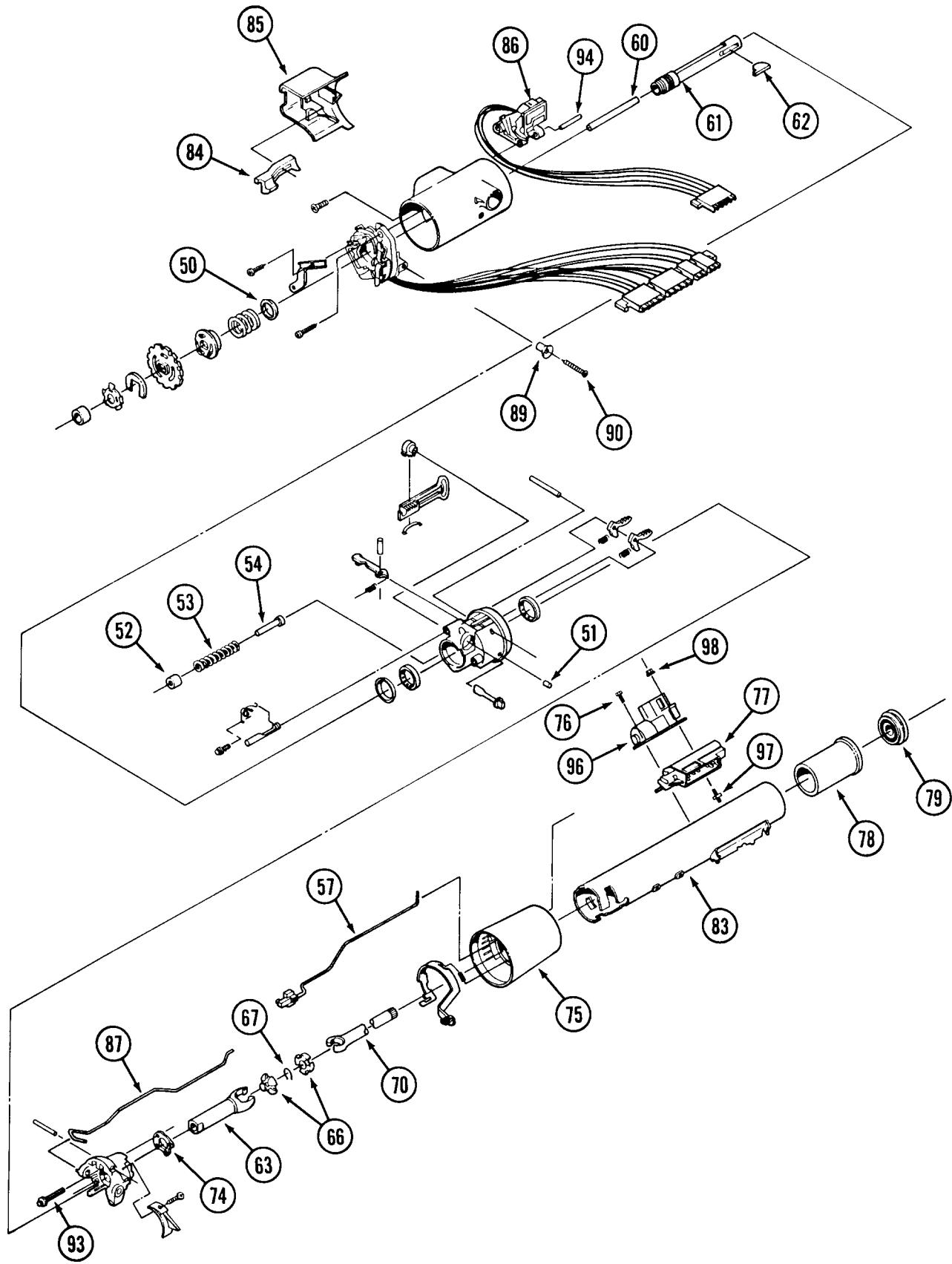


9370, 9380, and 9390 Tractor
STEERING COLUMN ASSEMBLY

5-7

REF.	PART NO.	DESCRIPTION	REQ'D.
	1-7630	COLUMN ASSEMBLY - steering, tilt and telescoping.....	1
1	1-1320	BUMPER - shaft, retracted steering.....	1
2	1-1329	RETAINER - carrier snap ring	1
3	1-1331	RETAINER - shaft lock.....	1
4	1-1325	LOCK - steering shaft.....	1
5	1-1215	CARRIER - lock	1
6	1-4507	SPRING - bearing, upper.....	1
10	1-1333	SCREW - machine, binding head.....	3
11	1-6924	SCREW - machine, flanged crown head	1
12	1-4466	ARM - signal switch	1
13	1-4497	SWITCH - turn signal	1
14	1-1336	SEAT - bearing, inner race.....	1
16	1-4473	COVER - lock housing, replaces 2-1454 cover	1
17	1-6926	SCREW - machine, oval head	3
	1-4474	HOUSING ASSEMBLY - lock.....	1
20	NSS	HOUSING - lock	1
	33-1174T1	KIT - switch actuator.....	1
21	NSS	BEARING - lock housing	2
22	NSS	SPRING - lock bolt	1
23	NSS	SECTOR - actuator, switch	1
24	NSS	SCREW - flange head machine.....	1
25	NSS	RACK - switch actuator	1
28	19-5460	BOLT - lock.....	1
29	1-1227	SHOE - lock, steering wheel.....	1
30	1-1226	SHOE - lock, steering wheel.....	1
32	1-1220	PIN - dowel	1
33	1-1301	SPRING - shoe	2
34	1-1230	SPRING - release lever	1
35	1-1221	PIN - release lever	1
36	1-1229	SPRING - preload, rack	1
37	1-4476	LEVER - shoe release	1
	1-4493	SUPPORT ASSEMBLY - housing	1
40	NSS	SUPPORT - housing.....	1
41	1-4494	PLATE - retaining, shroud.....	1
42	19-5459	SCREW - machine, oval head	2
43	NSS	PIN - dowel	1
47	1-4501	LEVER - release, key.....	1
48	1-4506	SPRING - release lever	1

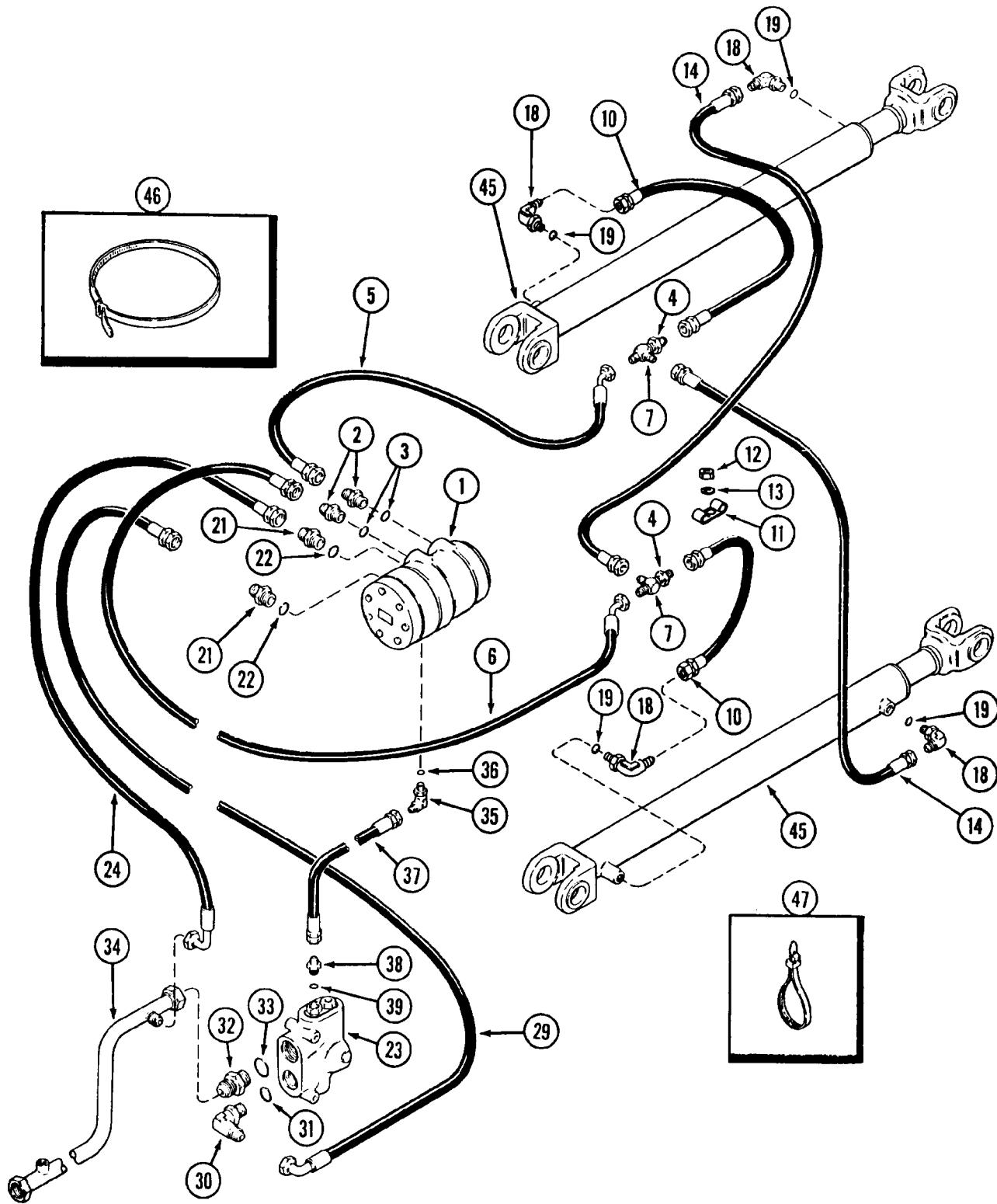
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9370, 9380, and 9390 Tractor
STEERING COLUMN ASSEMBLY

5-9

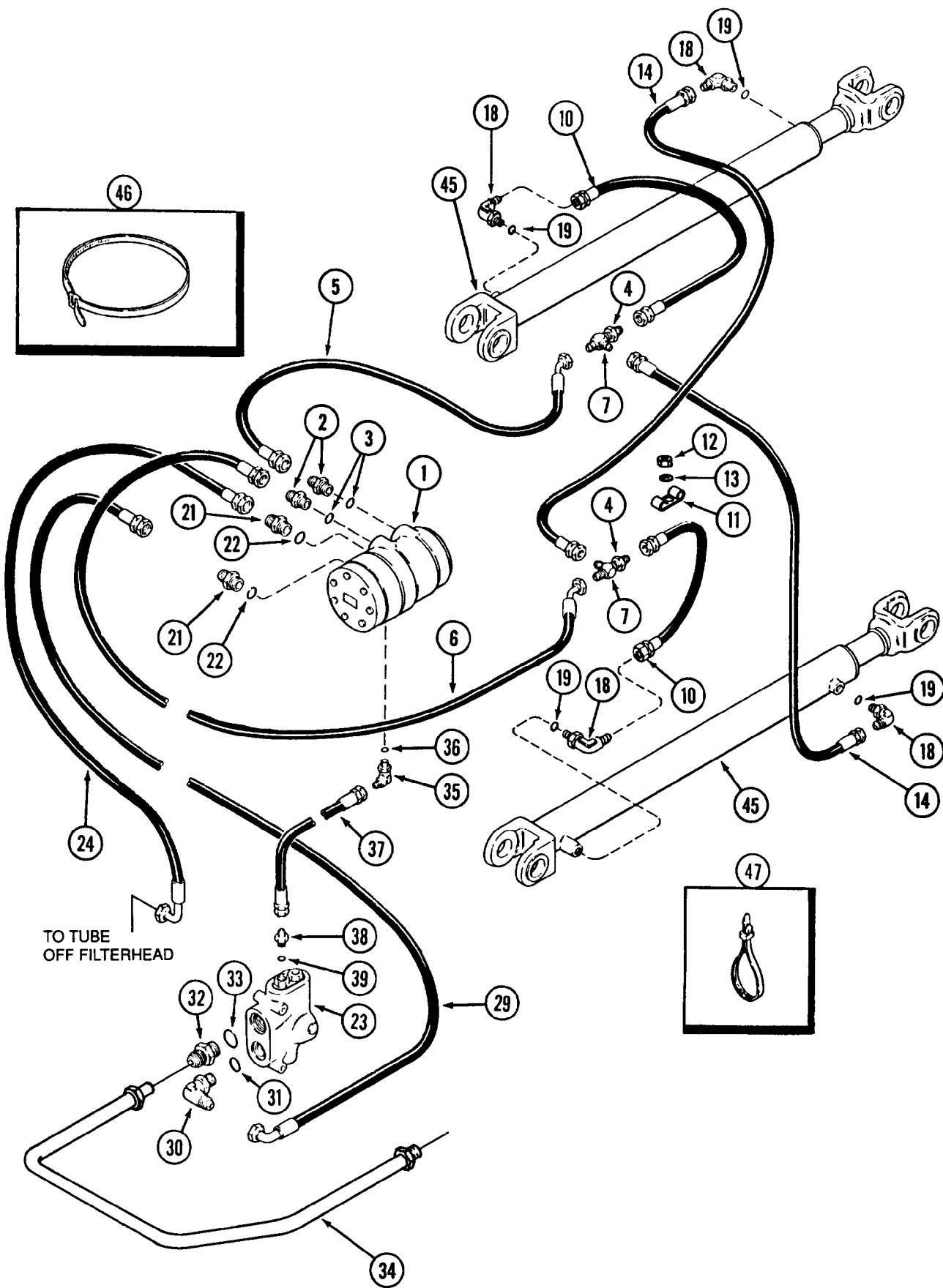
REF.	PART NO.	DESCRIPTION	REQ'D.
	1-7630	COLUMN ASSEMBLY - steering, tilt and telescoping.....	1
	35-1923T91	KIT - service, pin and spring, column tilt	1
50	NSS	BEARING - inner race.....	1
51	NSS	PIN - pivot.....	2
52	NSS	RETAINER - spring.....	1
53	1-4508	SPRING - wheel tilt.....	1
54	NSS	GUIDE - spring	1
57	1-4465	ACTUATOR - switch	1
60	1-4488	ROD - locking, telescoping.....	1
61	2-1467	SHAFT - steering, upper	1
62	1-1312	WEDGE - locking	1
63	1-4487	YOKE - race and steering shaft	1
	33-1175T1	KIT - sphere, centering.....	1
66	NSS	SPHERE - centering.....	2
67	NSS	SPRING - preload, joint	1
70	1-4486	SHAFT - yoke and steering	1
74	1-1326	PLATE - lock	1
75	1-4504	SHROUD - housing, steering column.....	1
76	1-1335	SCREW - machine, flanged	1
77	1-4496	SWITCH - ignition	1
78	1-4468	ADAPTER - bearing, lower.....	1
79	1-4467	BEARING - lower	1
83	2-1461	JACKET - housing	1
84	1-4498	ACTUATOR - rod, dimmer switch	1
85	1-4469	COVER - end cap, column housing	1
86	2-1452	SWITCH - wiper/washer.....	1
87	2-1462	ROD - dimmer switch	1
89	1-4500	KNOB - hazard warning	1
90	19-5456	SCREW - machine, oval head	1
93	1-1334	SCREW - mounting, support	4
94	2-1455	PIN - pivot, switch activating	1
96	1-7739	SWITCH - dimmer	1
97	2-1481	STUD - mounting, dimmer switch.....	1
98	225-14110	NUT - hex, No. 10 NC	1



9370, 9380, and 9390 Tractor
STEERING SYSTEM HYDRAULICS
With Standard Hydraulics
9370 and 9380

5-11

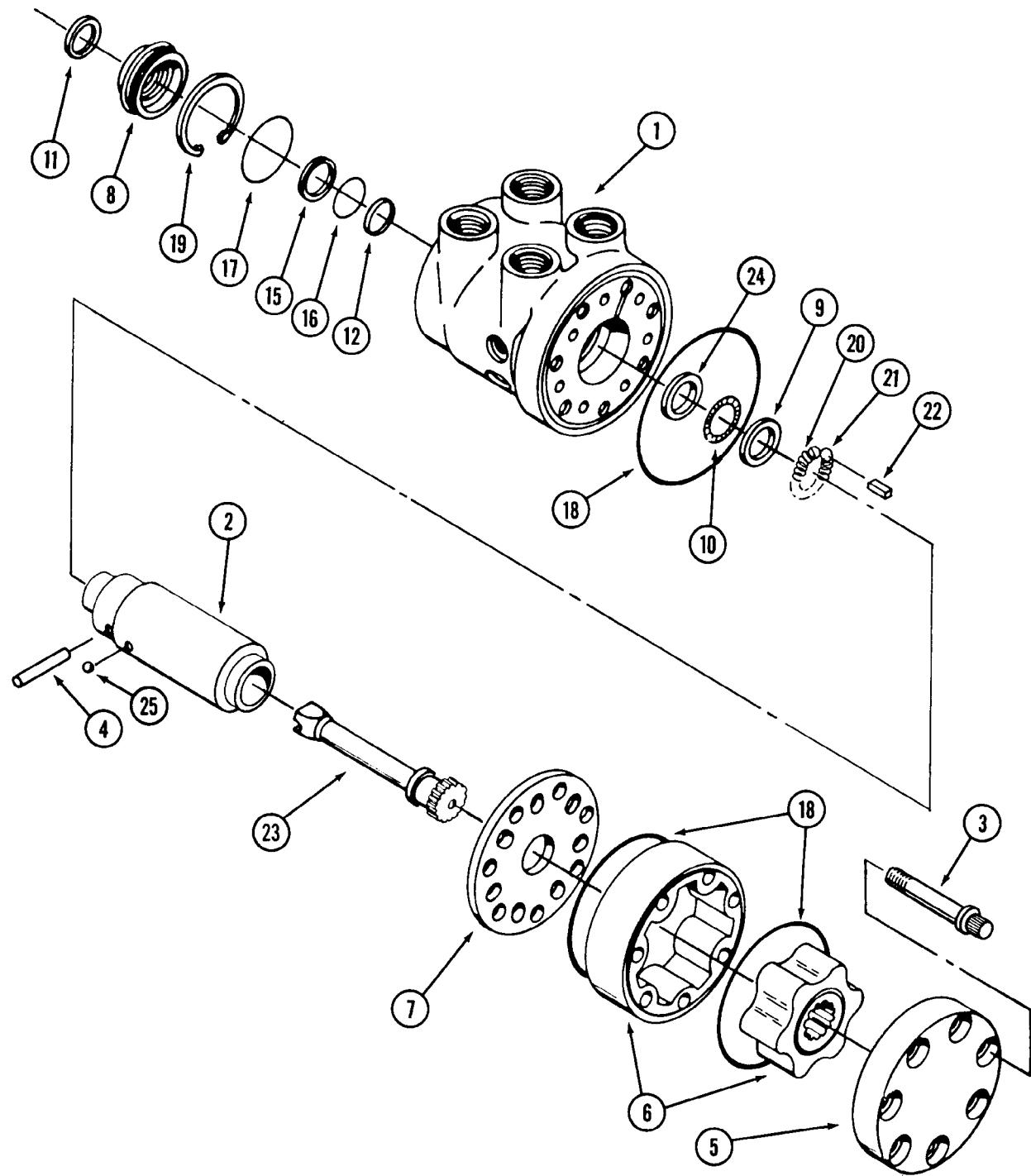
REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3553T92	VALVE ASSEMBLY - control, steering, prior to P.I.N. JEE0071531, parts list page 5-15	1
1	50-3653T91	VALVE ASSEMBLY - steering control, P.I.N. JEE0071531 and after, parts list page 5-15	1
2	218-5063	ADAPTER - straight, 7/8-14 flare x 1-1/16-12 inch O-ring boss	3
3	237-6012	O-RING - 59/64 ID x 7/64 inch wide	1
4	218-1255	NUT - hex, lock, bulkhead, 3/4 inch NF	2
5	31-2958	HOSE - 2337 mm (92 inch) long, to left cylinder tee	1
6	31-2959	HOSE - 2743 mm (108 inch) long, to cylinder right tee	1
7	218-1236	TEE - 3/4-16 inch flare branch x flare x bulkhead flare	2
10	32-150	HOSE - 673 mm (26-1/2 inch) long, to tee	2
11	242563A1	CLAMP - hose	1
12	425-108	NUT - hex, 1/2 inch NC	1
13	492-11050	WASHER - lock, 1/2 inch	1
14	31-2961	HOSE - 1600 mm (63 inch) long, to tee, replaces 31-2960 hose	2
18	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss	4
19	237-6008	O-RING - 41/64 ID x 3/32 inch wide	1
21	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	2
22	237-6014	O-RING - 1-3/64 ID x 7/64 inch wide	1
23	50-3155T91	VALVE ASSEMBLY - priority, parts list page 8-39	1
24	31-3026	HOSE - 864 mm (34 inch) long, to filter tube	1
29	31-1041	HOSE - 838 mm (33 inch) long, to priority valve	1
30	218-5108	ELBOW - 90 degree, 1-1/16-12 inch flare x adj O-ring boss	1
31	237-6012	O-RING - 59/64 ID x 7/64 inch wide	1
32	218-5039	ADAPTER - straight, 1-5/8-12 flare x 1-1/16-12 inch O-ring boss	1
33	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
34	50-3504T2	TUBE - priority valve to filter	1
35	218-5103	ELBOW - 90 degree, 7/16-20 inch flare x adj O-ring boss	1
36	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
37	31-2814	HOSE - 711 mm (28 inch) long, control valve	1
38	218-5053	ADAPTER - straight, 7/16-20 flare x O-ring boss	1
39	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
45	50-3368T93	CYLINDER ASSEMBLY - steering, parts list page 5-17	2
46	50-2037T1	STRAP - tie, hose retainer	1
47	19-135	STRAP - tie, nylon	4



STEERING SYSTEM HYDRAULICS

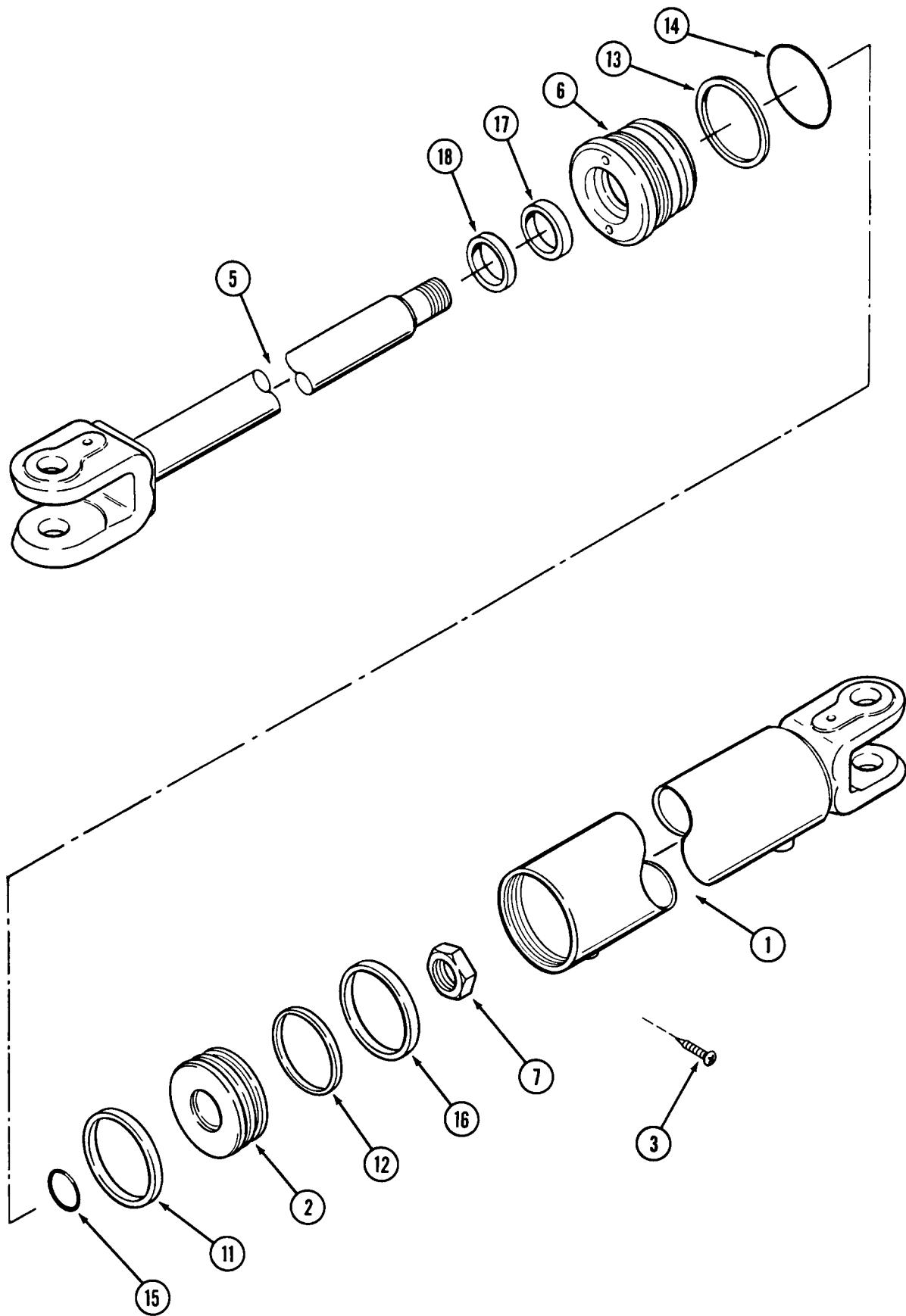
9390 Only

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3553T91	VALVE ASSEMBLY - control, steering, parts list page 5-15	1
2	218-5063	ADAPTER - straight, 7/8-14 flare x 1-1/16-12 inch O-ring boss	3
3	237-6012	O-RING - 59/64 ID x 7/64 inch wide.	1
4	218-1255	NUT - hex, lock, bulkhead, 3/4 inch NF	2
5	31-2958	HOSE - 2337 mm (92 inch) long, to left cylinder tee	1
6	31-2959	HOSE - 2743 mm (108 inch) long, to cylinder right tee	1
7	218-1236	TEE - 3/4-16 inch flare branch x flare x bulkhead flare	2
10	32-150	HOSE - 673 mm (26-1/2 inch) long, to tee	2
11	242563A1	CLAMP - hose	1
12	425-108	NUT - hex, 1/2 inch NC	1
13	492-11050	WASHER - lock, 1/2 inch.	1
14	31-2961	HOSE - 1600 mm (63 inch) long, to tee.	2
18	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss	4
19	237-6008	O-RING - 41/64 ID x 3/32 inch wide.	1
21	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	2
22	237-6014	O-RING - 1-3/64 ID x 7/64 inch wide	1
23	50-3155T91	VALVE ASSEMBLY - priority, parts list page 8-39	1
24	31-3026	HOSE - 864 mm (34 inch) long, to filter tube.	1
29	31-1041	HOSE - 838 mm (33 inch) long, to priority valve	1
30	218-5108	ELBOW - 90 degree, 1-1/16-12 inch flare x adj O-ring boss	1
31	237-6012	O-RING - 59/64 ID x 7/64 inch wide.	1
32	218-5069	ADAPTER - straight, 1-5/16-12 inch flare x O-ring boss	1
33	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
34	50-3612T2	TUBE - valve to priority valve	1
35	218-5103	ELBOW - 90 degree, 7/16-20 inch flare x adj O-ring boss	1
36	237-6004	O-RING - 23/64 ID x 5/64 inch wide.	1
37	31-2814	HOSE - 711 mm (28 inch) long, control valve	1
38	218-5053	ADAPTER - straight, 7/16-20 flare x O-ring boss	1
39	237-6004	O-RING - 23/64 ID x 5/64 inch wide.	1
45	50-3368T93	CYLINDER ASSEMBLY - steering, parts list page 5-17	2
46	50-2037T1	STRAP - tie, hose retainer.	1
47	22-824	STRAP - tie, 7 inch	UAR
48	D147773	STRAP - tie, hose retaining, not shown.	2



STEERING CONTROL VALVE

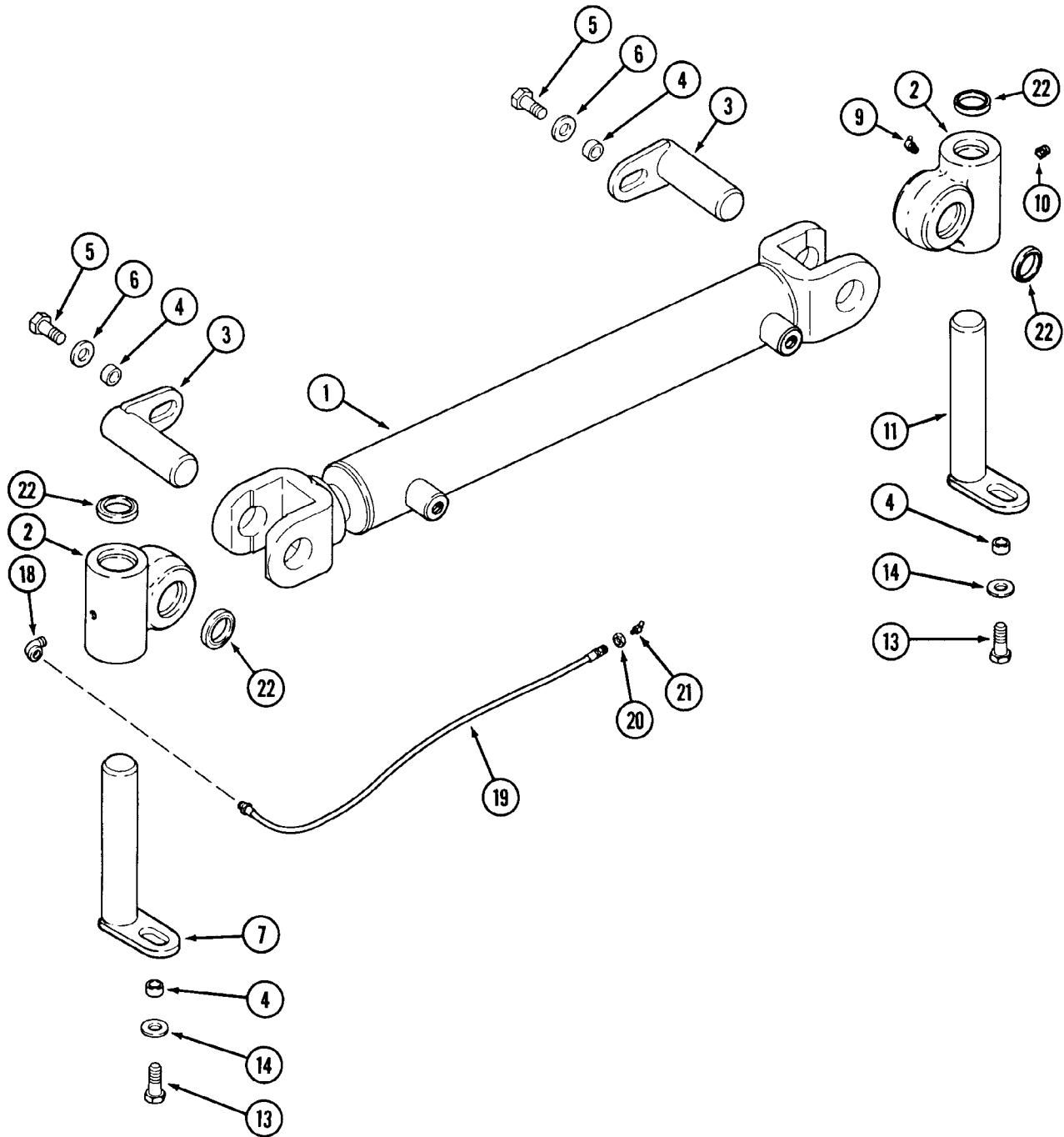
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3553T92	VALVE ASSEMBLY - control, standard mount, prior to P.I.N. JEE0071531.....	1
	50-3653T91	VALVE ASSEMBLY - steering control, metric mount, P.I.N. JEE0071531 and after.....	1
1	NSS	HOUSING - control valve.....	1
2	NSS	SLEEVE - control	1
3	S302004	BOLT - 12 point, special.....	7
4	S301999	PIN - sleeve	1
5	S302003	CAP - end, steering valve.....	1
6	50-2990T91	GEROTOR - set, matched, replaces S302002 gerotor	1
7	50-2707T1	PLATE - spacer, replaces S302001 plate	1
8	50-3604T1	RETAINER - spool, front	1
9	D82804	RACE - thrust, bearing	1
10	G13609	BEARING - needle	1
	50-3588T1	KIT - seal, control valve, no longer available, order component parts separately	1
11	18-137	SEAL - input, input	1
12	N13313	SEAL - teflon.....	1
15	50-2703T1	RING - backup	1
16	238-5121	O-RING - 1-1/16 ID x 3/32 inch wide	1
17	50-2705T1	O-RING - retainer	1
18	50-2708T1	O-RING - cover and plate.....	3
19	D77388	RING - snap	1
	50-3587T1	KIT - centering spring.....	1
20	NSS	SPRING - centering	1
21	NSS	BALL - centering spring	2
22	NSS	KEY - centering spring	1
23	50-2706T1	SHAFT - drive.....	1
24	D82804	RACE - thrust, bearing	1
25	W11648	BALL - valve	4



**9370, 9380, and 9390 Tractor
STEERING CYLINDER**

5-17

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3368T93	CYLINDER ASSEMBLY - steering	1
1	50-3366T2	TUBE - cylinder	1
2	50-3367T1	PISTON - cylinder rod	1
3	276-2446	SCREW - self-tapping, hex head, No. 8 NC x 3/8 inch	3
5	50-3363T1	ROD - piston, cylinder	1
6	50-3361T2	GUIDE - piston rod	1
7	19-5582	NUT - hex, self-locking, 1-1/4 inch NF	1
	50-3440T1	KIT - seal, no longer available, order components separately	1
11	G102287	SEAL - piston	1
12	S109444	RING - backup, piston.	1
13	G32122	RING - backup	1
14	238-5234	O-RING - 3 ID x 1/8 inch wide	1
15	238-5218	O-RING - 1-1/4 ID x 1/8 inch wide	1
16	S109445	RING - wear, piston	1
17	G107923	SEAL - U-cup, piston rod	1
18	D95144	WIPER - piston rod	1



9370, 9380, and 9390 Tractor
STEERING CYLINDER MOUNTING

5-19

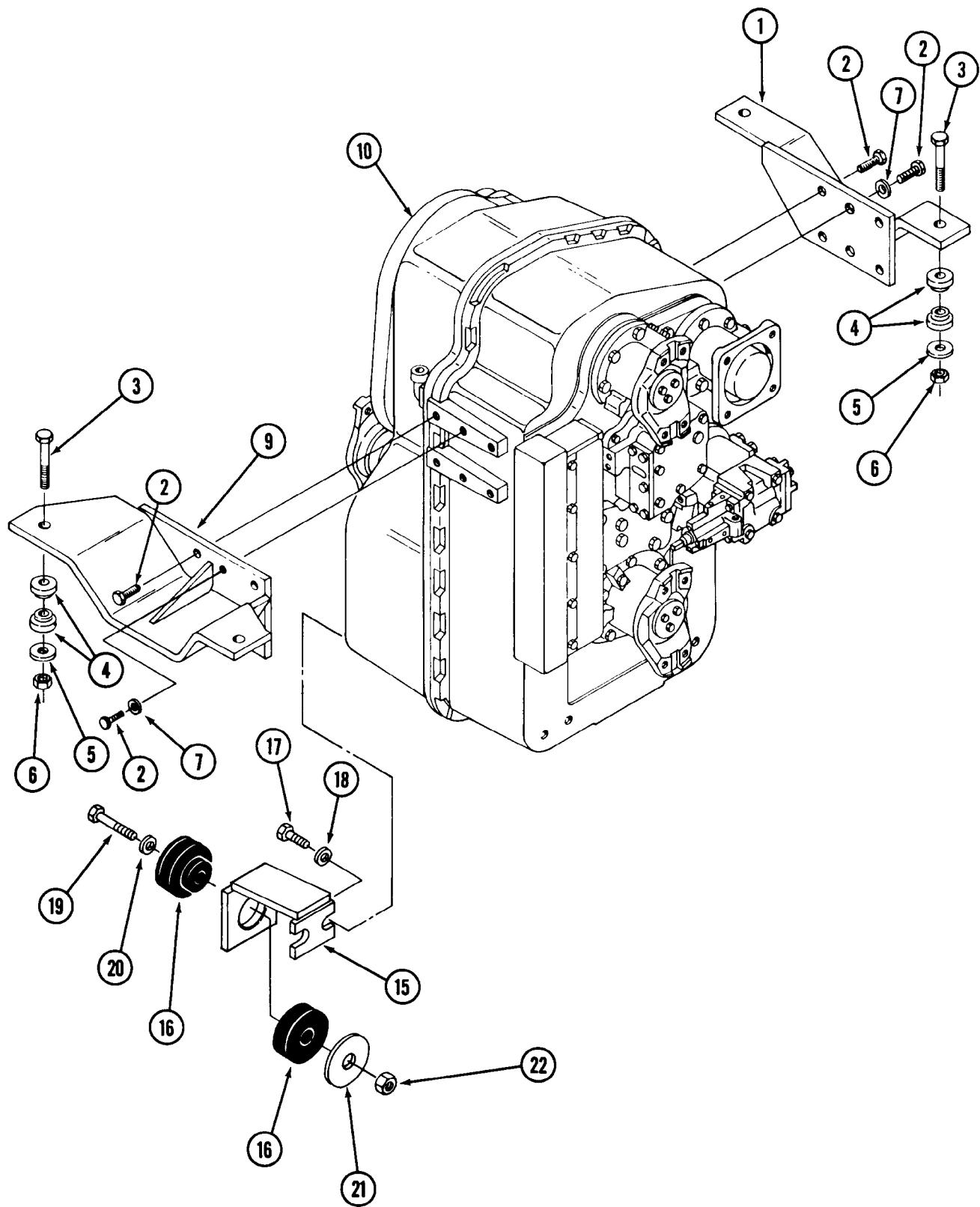
REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3368T93	CYLINDER ASSEMBLY - steering, parts list page 5-17	2
2	*50-3360T3	KNUCKLE - pivot, see note below.	4
3	70-6013T2	PIN - pivot, knuckle	4
4	70-5967T1	SPACER - pin	8
5	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	4
6	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	4
7	70-6076T2	PIN - pivot, cylinder, rear	2
9	219-36	FITTING - grease, 45 degree, 1/8 PT x 7/8 inch	2
10	217-430	PLUG - hex socket headless, 1/8 inch PT	4
11	70-6085T2	PIN - pivot	2
13	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	4
14	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	4
18	217-1014	ELBOW - street, 90 degree, 1/8 inch PT x female PT	2
19	1339090C1	HOSE - grease, 838 mm (33 inch) long.	2
20	F53473	NUT - special, hose	2
21	219-20	FITTING - grease, straight, 1/4-28 special threads x 1/2 inch	2
22	*D95143	WIPER - dust, see note below.	16

***NOTE:** When replacing item 2 50-3360T3 knuckles also order four D95143 wipers, item 22, per knuckle.

ALPHABETICAL INDEX

POWER TRAIN

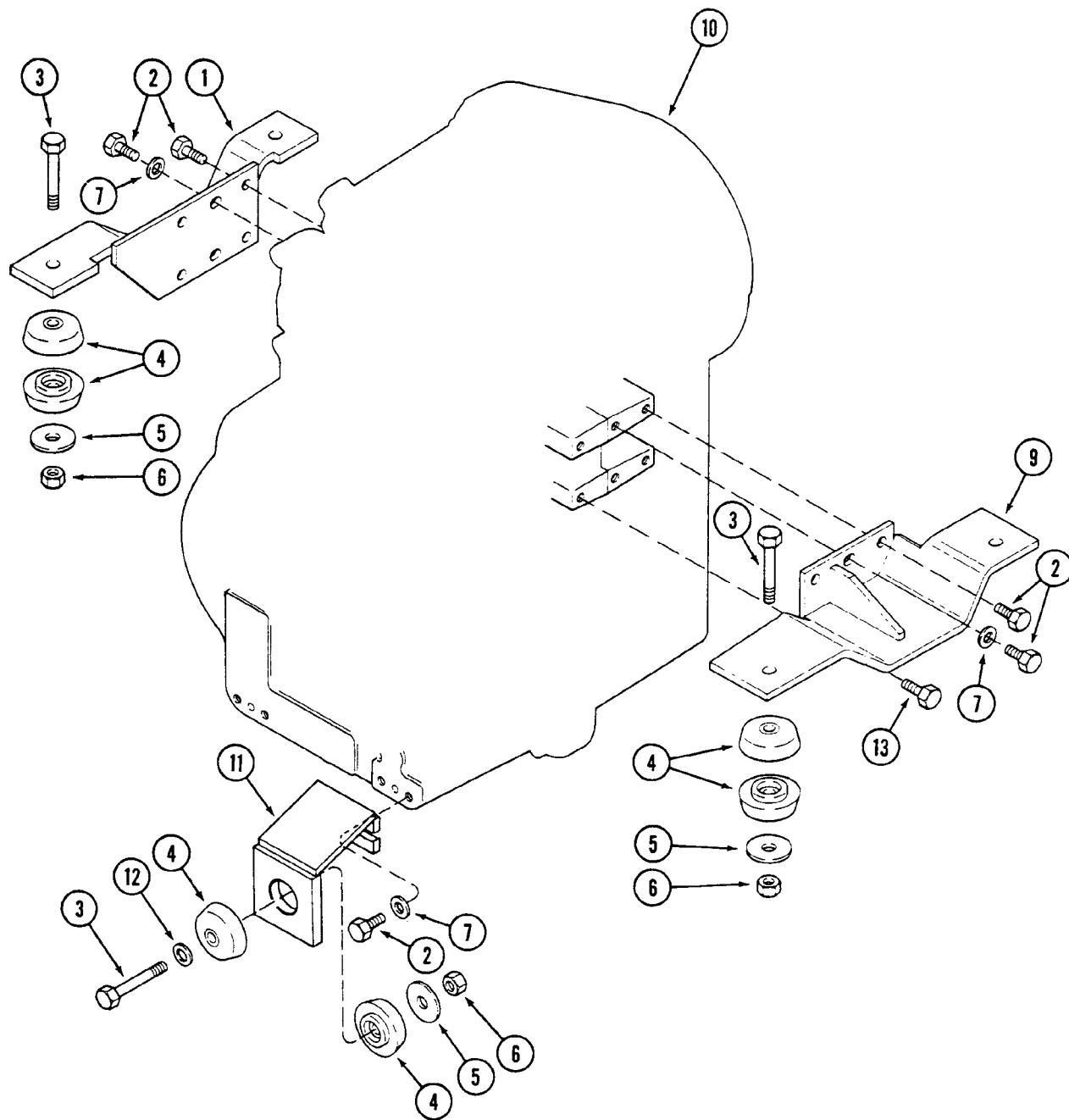
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Planetary	6-155
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TRANSMISSION MOUNTING

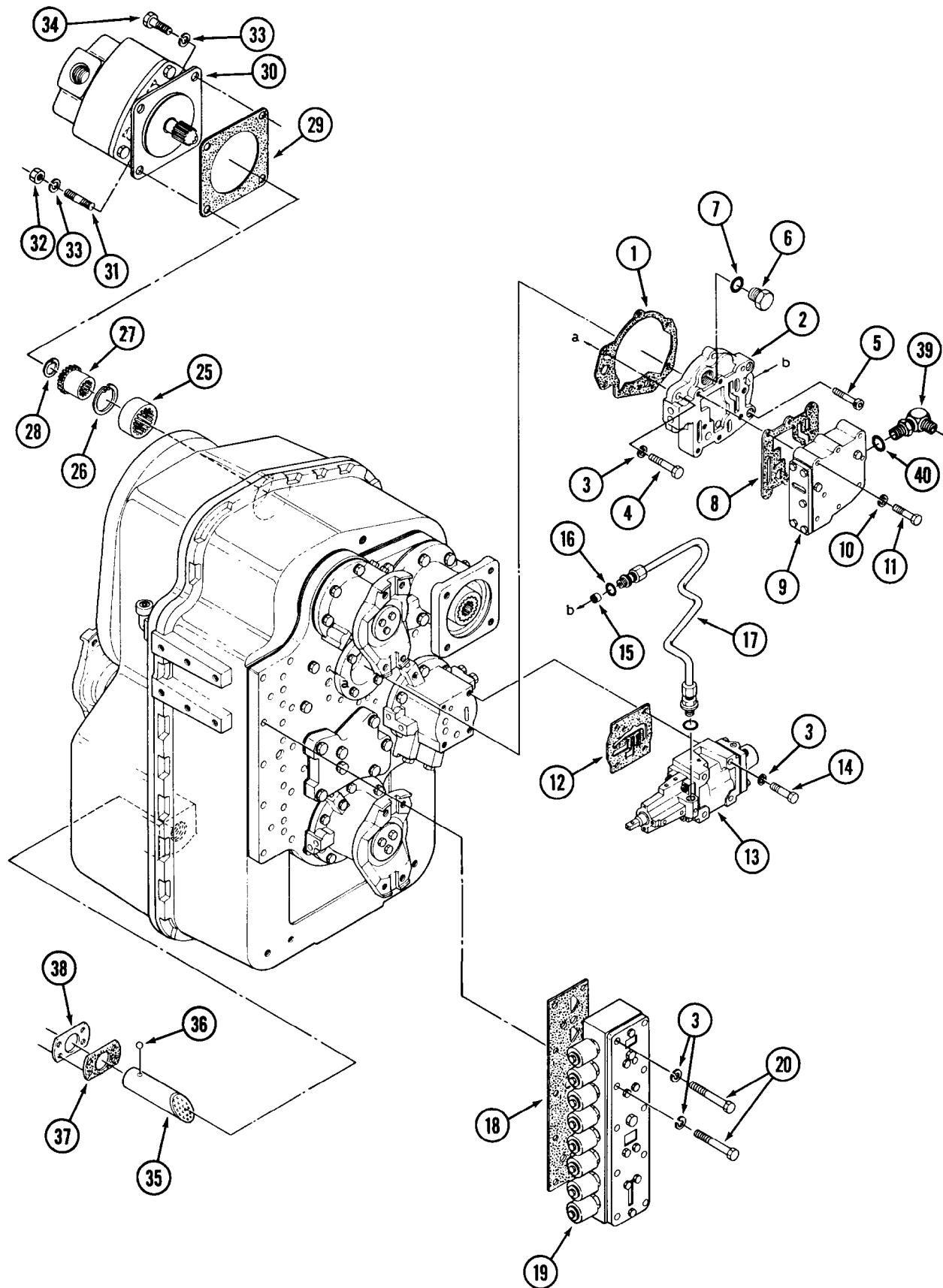
Power Shift Tractor

REF.	PART NO.	DESCRIPTION	REQ'D.
1	70-5981T2	MOUNT - transmission, left-hand	1
2	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	16
3	426-1272	BOLT - hex, 3/4 NC x 4-1/2 inch, grade 8	6
4	47-4171	MOUNT - isolator, rubber	12
5	19-5518	WASHER - flat, 25/32 x 4 x 3/16 inch	6
6	231-14412	NUT - hex, self-locking, 3/4 inch NC	6
7	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	4
9	70-5983T4 313686A1R	MOUNT - transmission, right-hand TRANSMISSION ASSEMBLY - remanufactured, North America only, component parts shown for the new assembly do not apply to the remanufactured assembly	1
	313710A1C	RETURN NUMBER - transmission core, use this part number to return transmission for credit when using a remanufactured assembly, use this part number to return a 9370, 9380 or 9390 transmission core for credit when using a remanufactured assembly	1
10	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33	1
15	90-7489T3	MOUNT - transmission, lower	2
16	47-4171	MOUNT - isolator, rubber	4
17	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	4
18	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	4
19	426-1272	BOLT - hex, 3/4 NC x 4-1/2 inch, grade 8	2
20	495-11081	WASHER - flat, 13/16 x 1-15/32 x 1/8 inch	2
21	19-5518	WASHER - flat, 25/32 x 4 x 3/16 inch	2
22	19-85	NUT - hex, self-locking, 3/4 inch NC	2



TRANSMISSION MOUNTING
SynchroShift Tractor

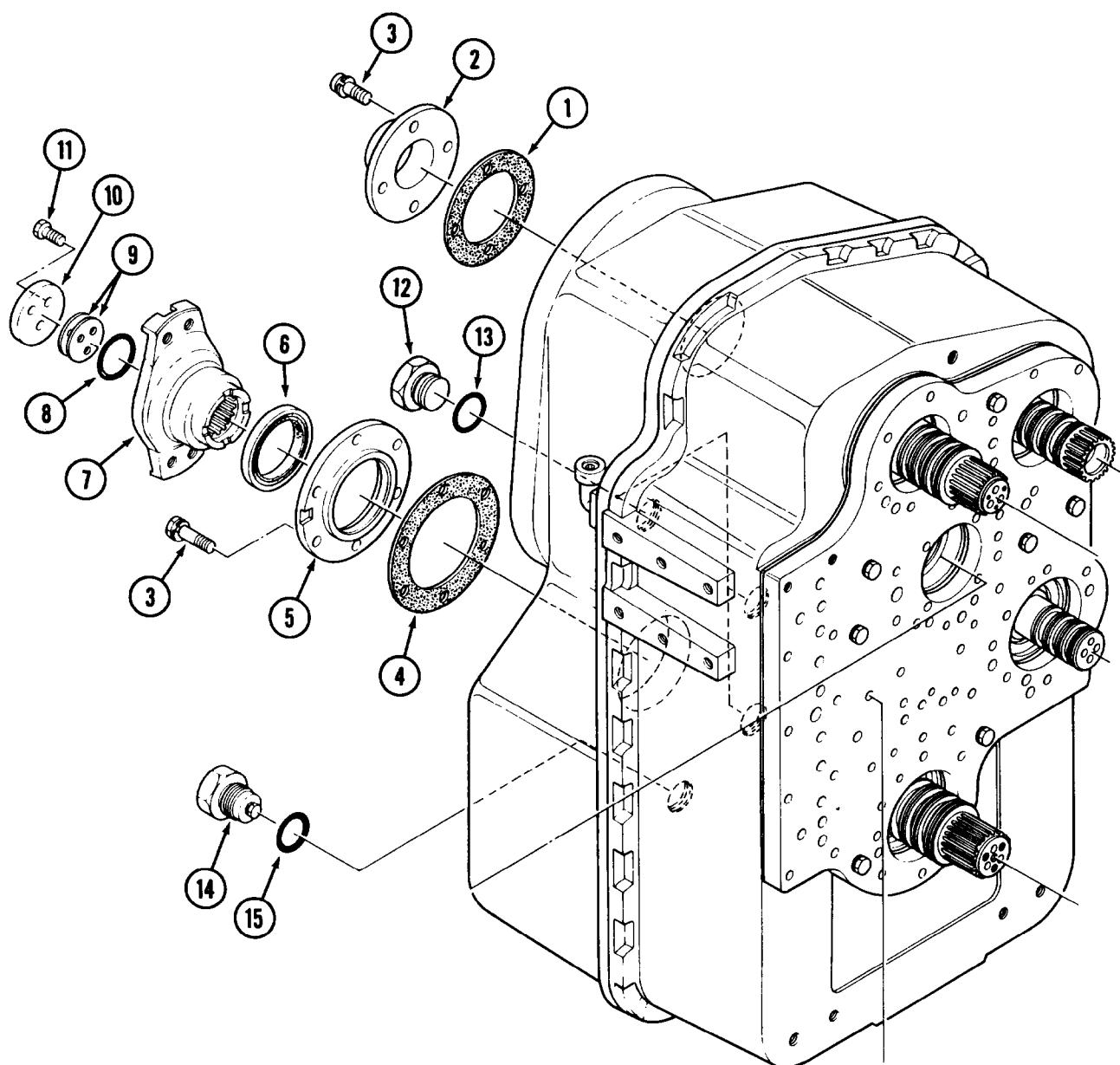
REF.	PART NO.	DESCRIPTION	REQ'D.
1	70-5981T2	MOUNT - transmission, left-hand	1
2	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	14
3	426-1272	BOLT - hex, 3/4 NC x 4-1/2 inch, grade 8	6
4	47-4171	MOUNT - isolator, rubber	12
5	19-5518	WASHER - flat, 25/32 x 4 x 3/16 inch	6
6	19-85	NUT - hex, self-locking, 3/4 inch NC	6
7	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	7
9	70-5983T4	MOUNT - transmission, right-hand	1
10	REF	TRANSMISSION ASSEMBLY - Synchroshift, parts list pages 6-35 through 6-65 or 6-67 through 6-101.	1
11	90-7489T3	MOUNT - transmission, lower	2
12	495-11081	WASHER - flat, 13/16 x 1-15/32 x 1/8 inch	2
13	426-1028	BOLT - hex, 5/8 NC x 1-3/4 inch, grade 8	2



9370, 9380, and 9390 Tractor
POWER SHIFT TRANSMISSION ASSEMBLY
Valves and Pump Mounting

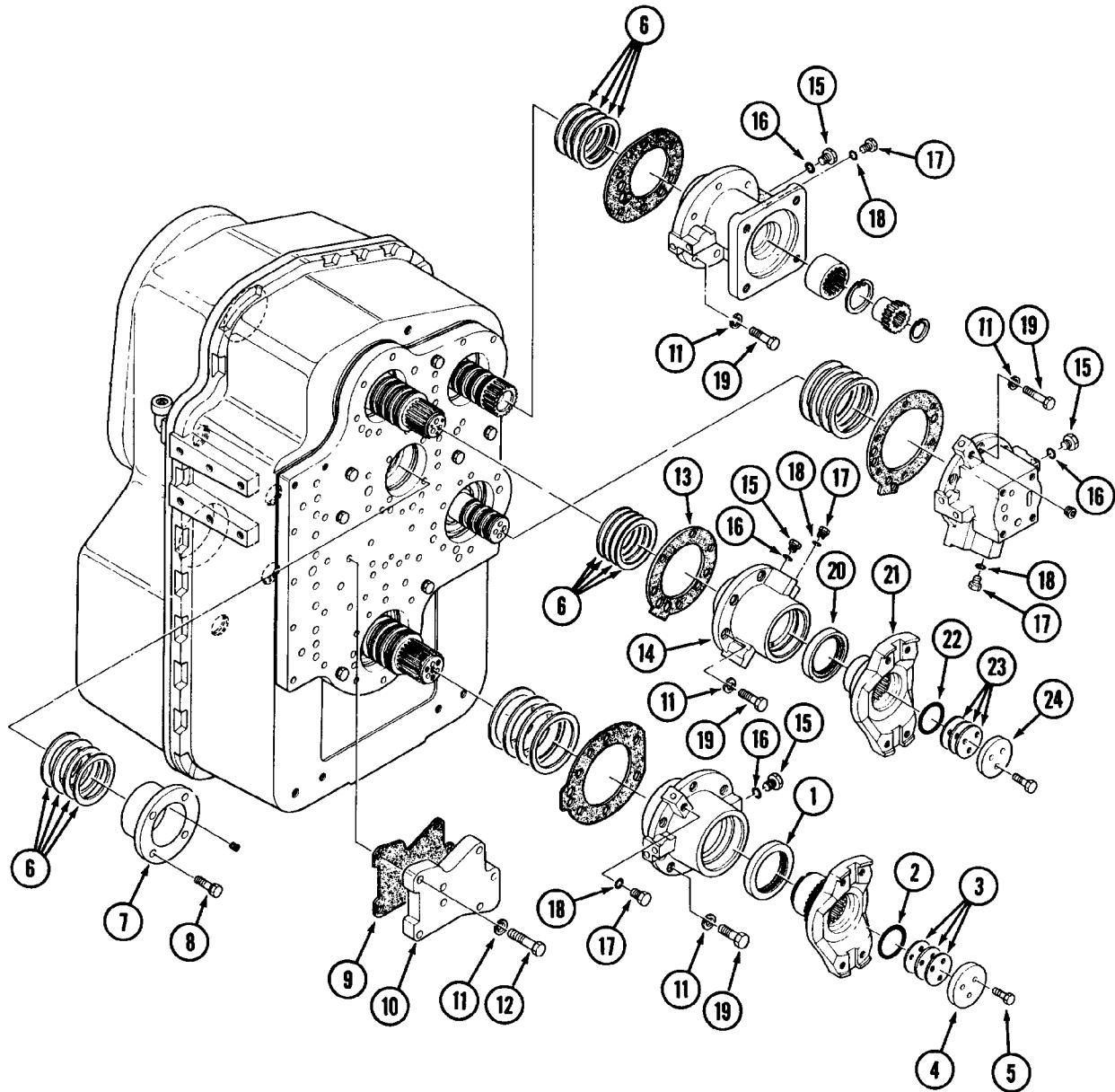
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
1	**S1160S01F	GASKET - ditch plate	1
2	S1170S00F	PLATE - ditch	1
3	892-11010	WASHER - lock, 10 mm.....	17
4	814-10070	BOLT - hex, 10 - 1.5 x 70 mm	3
5	S1050S00F	BOLT - socket head	3
6	S1210S00F	PLUG - hex, O-ring boss	1
7	*S1200S00F	O-RING - plug	1
8	**S1150S02F	GASKET - regulator valve	1
9	S7000S01F	VALVE ASSEMBLY - regulator, parts list page 6-29	1
10	892-11008	WASHER - lock, 8 mm.....	8
11	814-8065	BOLT - hex, 8 - 1.25 x 65 mm	8
12	**S1140S01F	GASKET - clutch control	1
13	90-8201T91	VALVE ASSEMBLY - clutch control, parts list page 6-27	1
14	SM8124085	BOLT - hex, 10 - 1.25 x 85 mm	4
15	S1020S00F	SCREEN - filter	1
16	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	2
17	33-1558T1	TUBE - clutch	1
18	**S1220S01F	GASKET - range selector valve	1
19	33-1525T91	VALVE ASSEMBLY - range selector, parts list page 6-33.....	1
20	SM8124003	BOLT - hex, 10 - 1.25 x 115 mm	10
25	33-1452T1	COUPLING - pump	1
26	33-1445T1	RING - snap	1
27	***33-1516T1	ADAPTER - pump drive, models without PTO only	1
28	33-1446T1	RING - snap	1
29	**33-1469T2	GASKET - pump.....	1
30	33-1524T91	PUMP ASSEMBLY - transmission lubrication, parts list page 6-31	1
31	SM8267430	STUD - mounting, 14 - 1.5 x 30 mm.....	2
32	SM8911244	NUT - hex, 14 mm - 1.5	2
33	892-11014	WASHER - lock, 14 mm.....	2
34	SM8124440	BOLT - hex, 14 - 1.5 x 40 mm	2
35	S1520S00F	TUBE - suction	1
36	S14701960	BALL - steel, tube retaining	1
37	**S1620S01F	GASKET - suction tube	1
38	S1700S00F	PLATE - suction tube retainer	1
39	218-5110	ELBOW - 90 degree, 1-5/16-12 inch flare x adj O-ring boss	1
40	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
	*33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1
	**90-8402T91	KIT - gasket, short, includes all items marked with an asterisk on pages 6-7 through 6-13	1

****NOTE:** For adapter used on models with PTO, see page 6-135, item 5.



POWER SHIFT TRANSMISSION ASSEMBLY**Rear Covers and Yoke**

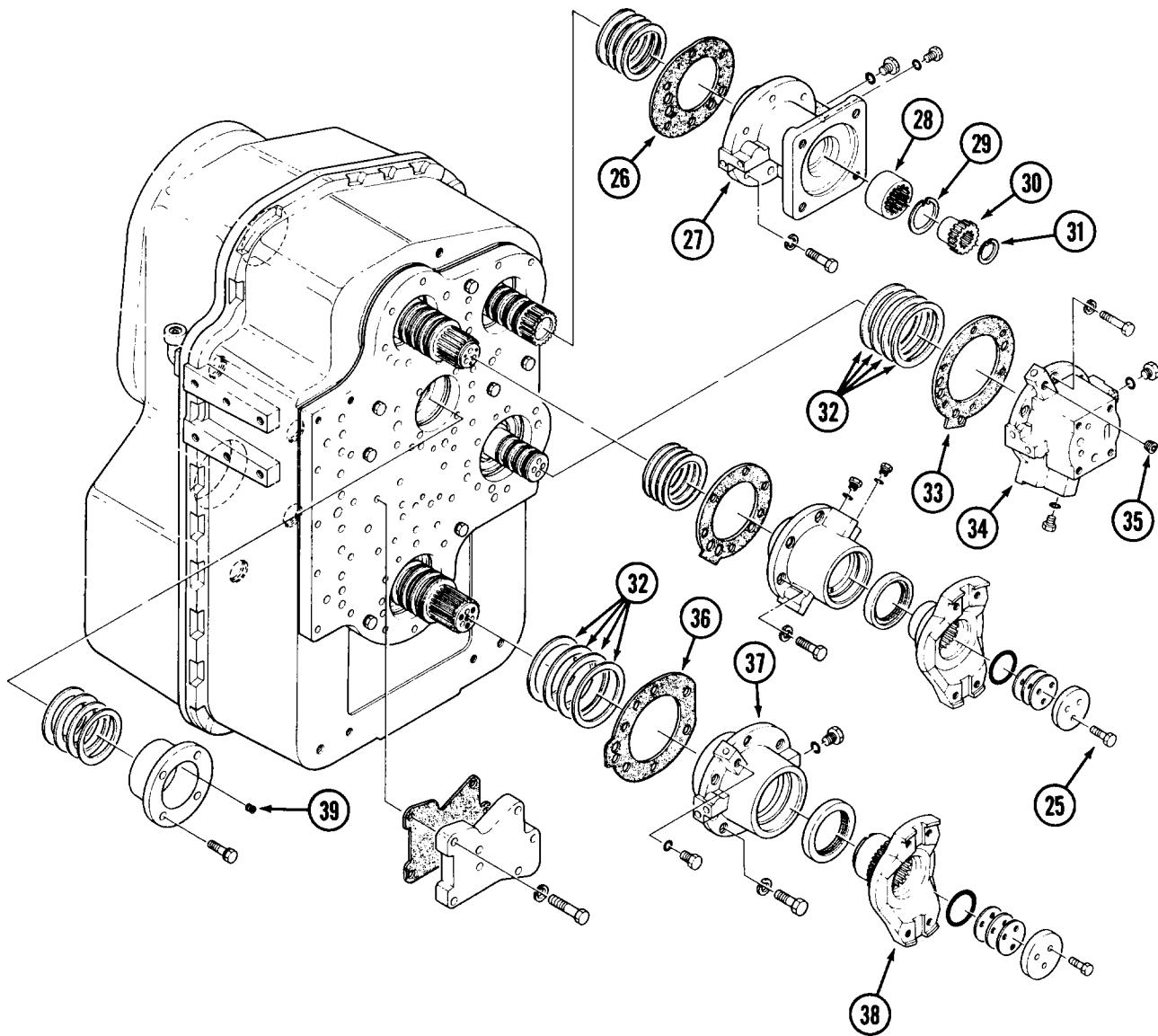
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
1	** 33-1470T2	GASKET - PTO shaft cover	1
2	33-1442T1	COVER - PTO shaft, without PTO	1
3	SM8124230	BOLT - hex, 12 - 1.25 x 30 mm	10
4	** 33-1417T2	GASKET - bearing retainer	1
5	33-1418T1	RETAINER - bearing	1
6	* 33-1428T1	SEAL - output shaft	1
7	33-1420T1	YOKER - output, rear	1
8	* 33-1422T1	O-RING - yoke sealing	1
9	33-1450T1	SHIM - 0.10 mm thick.....	UAR
9	33-1451T1	SHIM - 0.30 mm thick.....	UAR
10	33-1432T1	PLATE - retainer, yoke.....	1
11	514-832	BOLT - hex, 12 - 1.25 x 35 mm	3
12	S1010S00F	PLUG - O-ring boss	3
13	S1080S00F	O-RING - plug.....	1
14	S1090S00F	PLUG - magnetic	1
15	S1080S00F	O-RING - plug.....	1
	* 33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1
	** 90-8402T91	KIT - gasket, short, includes all items marked with an asterisk on pages 6-7 through 6-13	1



POWER SHIFT TRANSMISSION ASSEMBLY
Front Covers and Yokes

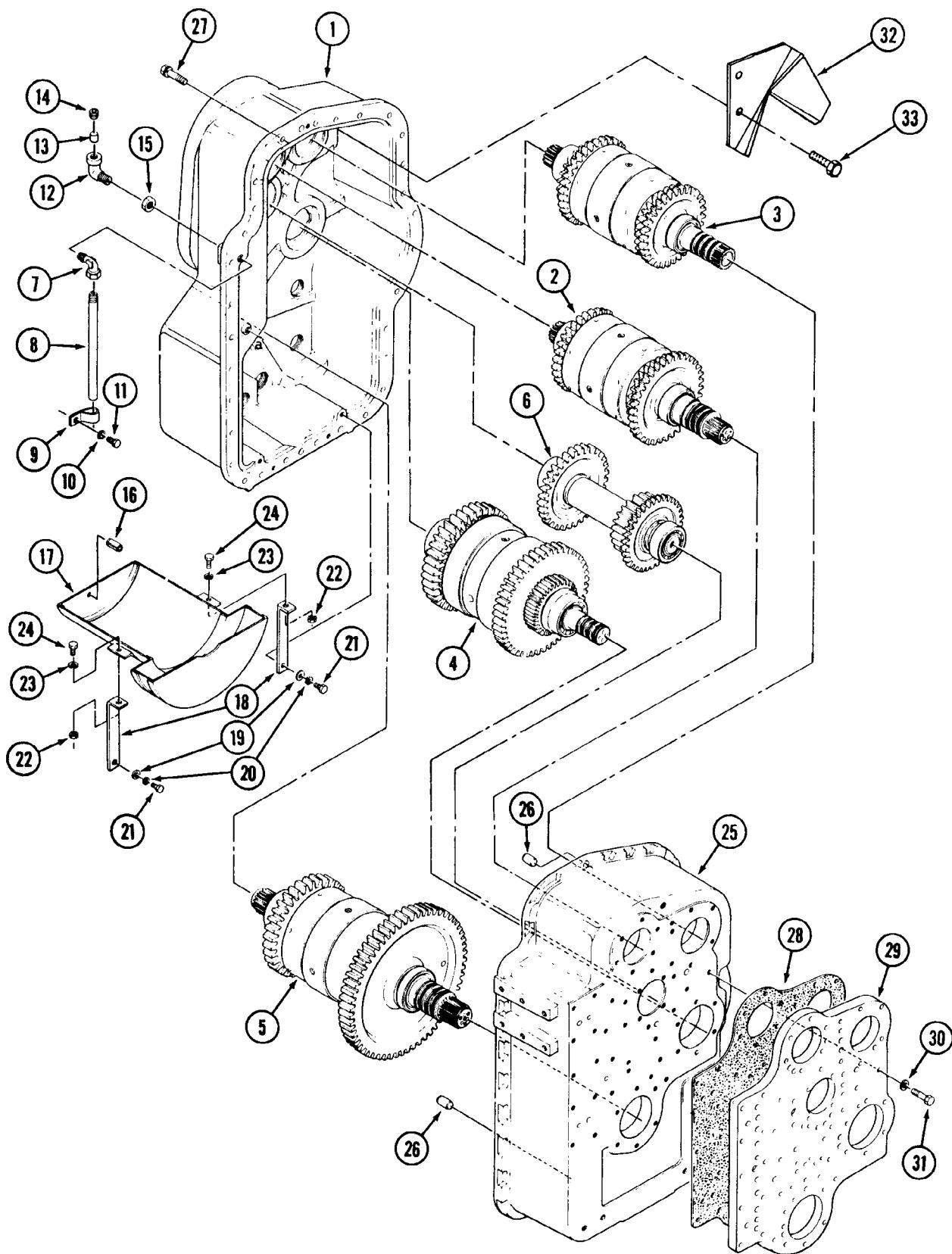
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
1	* 33-1428T1	SEAL - output shaft	1
2	* 33-1422T1	O-RING - yoke sealing	1
3	33-1450T1	SHIM - 0.10 mm thick.....	UAR
3	33-1451T1	SHIM - 0.30 mm thick.....	UAR
4	33-1432T1	PLATE - retainer, yoke.....	1
5	SM8134235	BOLT - hex, 12 mm - 1.25 x 35 mm.....	3
6	33-1456T1	SHIM - bearing, 0.1 mm thick.....	UAR
6	33-1457T1	SHIM - bearing, 0.3 mm thick.....	UAR
6	33-1458T1	SHIM - bearing, 0.5 mm thick.....	UAR
6	33-1459T1	SHIM - bearing, 0.7 mm thick.....	UAR
6	33-1474T1	SHIM - bearing, 0.15 mm thick.....	UAR
7	33-1437T1	RETAINER - bearing	1
8	SM8124050	BOLT - hex, 10 - 1.25 x 50 mm	4
9	** S1610S01F	GASKET - oil supply plate	1
10	S1600S00F	PLATE - oil supply	1
11	892-11010	WASHER - lock, 10 mm.....	31
12	814-10070	BOLT - hex, 10 - 1.5 x 70 mm	7
13	** 33-1440T2	GASKET - oil supply cover.....	1
14	33-1441T1	COVER - oil supply	1
15	S1390S00F	PLUG - O-ring boss	8
16	* S1320S00F	O-RING - plug.....	8
17	S1030S00F	PLUG - hex, O-ring boss	5
18	* S1040S00F	O-RING - plug.....	5
19	SM8124060	BOLT - hex, 10 - 1.25 x 60 mm	24
20	* 33-1412T1	SEAL - input yoke.....	1
21	33-1410T1	YOKE - input	1
22	* 33-1414T1	O-RING - yoke sealing	1
23	33-1464T1	SHIM - 0.10 mm (0.004 inch) thick.....	UAR
23	33-1465T1	SHIM - 0.30 mm (0.012 inch) thick.....	UAR
23	33-1466T1	SHIM - 0.70 mm (0.028 inch) thick.....	UAR
24	33-1413T1	PLATE - yoke retainer	1
	* 33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1
	** 90-8402T91	KIT - gasket, short, includes all items marked with an asterisk on pages 6-7 through 6-13	1

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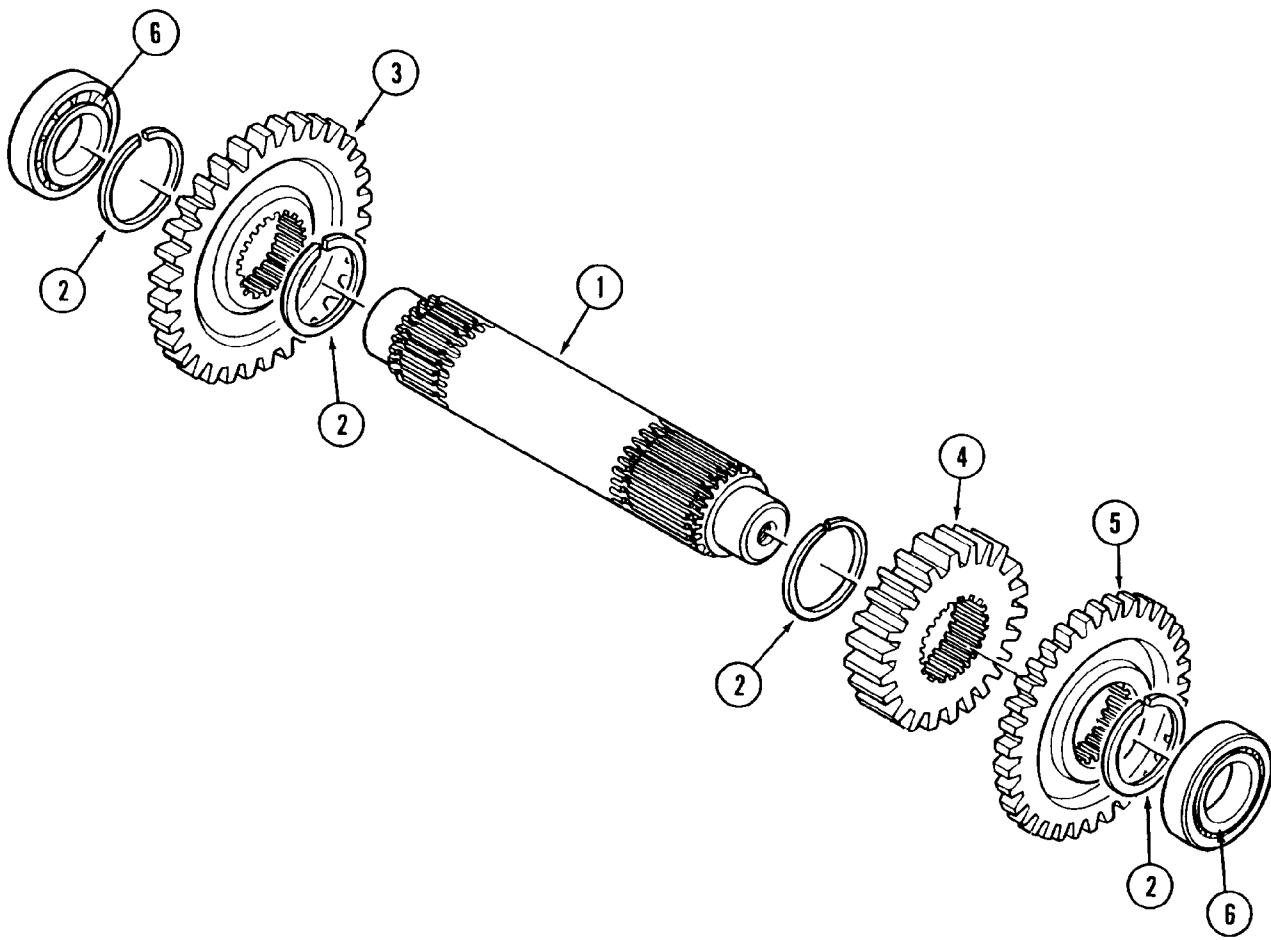
POWER SHIFT TRANSMISSION ASSEMBLY
Front Covers and Yokes

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33, continued	1
25	SM8174035	BOLT - hex, special, 10 - 1.25 x 35 mm, class 10.9.	3
26	**33-1468T2	GASKET - pump support	1
27	33-1514T1	SUPPORT - oil pump	1
28	33-1444T1	COUPLING - pump adapter	1
29	33-1445T1	RING - snap	1
30	33-1515T1	ADAPTER - pump drive	1
31	33-1517T1	RING - snap	1
32	33-1460T1	SHIM - bearing, 0.1 mm thick.	UAR
32	33-1461T1	SHIM - bearing, 0.3 mm thick.	UAR
32	33-1462T1	SHIM - bearing, 0.5 mm thick.	UAR
32	33-1463T1	SHIM - bearing, 0.7 mm thick.	UAR
32	33-1475T1	SHIM - bearing, 0.15 mm thick.	UAR
33	**33-1433T2	GASKET - clutch collector	1
34	33-1438T1	COLLECTOR - clutch.	1
35	STX99700F	PLUG - oil.	1
36	**33-1426T2	GASKET - bearing retainer	1
37	33-1427T1	RETAINER - bearing	1
38	33-1429T1	YODE - output, front.	1
39	33-1439T1	PLUG - orifice	2
	*33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1
	**90-8402T91	KIT - gasket, short, includes all items marked with an asterisk on pages 6-7 through 6-13	1



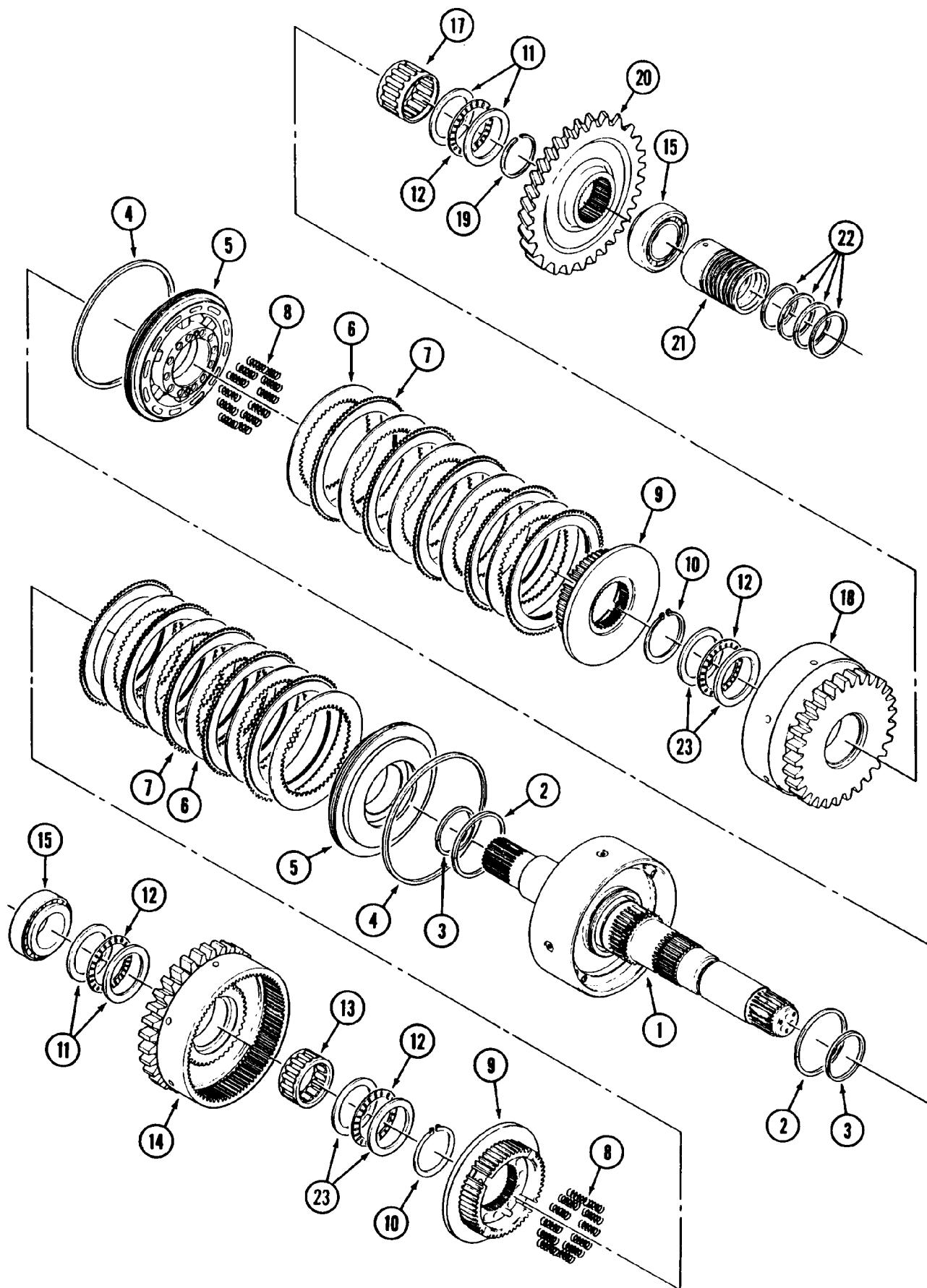
POWER SHIFT TRANSMISSION ASSEMBLY
Housings and Clutches

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
1	33-1560T1	HOUSING - transmission, rear.....	1
2	S2000S02F	PACK ASSEMBLY - clutch, input, replaces S2000S01A pack, parts list page 6-19	1
3	S3000S02F	PACK ASSEMBLY - clutch, second, replaces S3000S01F pack, parts list page 6-21	1
4	S5000S00F	PACK ASSEMBLY - clutch, 9 inch, parts list page 6-25	1
5	S4000S02F	PACK ASSEMBLY - clutch, 8 inch, parts list page 6-23	1
6	REF	SHAFT - compound, parts list page 6-17.....	1
7	33-1472T1	ELBOW - breather tube	1
8	33-1471T1	TUBE - breather.....	1
9	33-1473T1	CLAMP - breather tube	1
10	892-11012	WASHER - lock, 12 mm.....	1
11	SM8124225	BOLT - hex, 12 mm - 1.25 x 25 mm.....	1
12	33-1455T1	ELBOW - 90 degree, breather filter	1
13	33-1454T1	FILTER - breather	1
14	SAS99900F	PLUG - retension, filter element.....	1
15	SM8911246	NUT - hex, 16 mm - 1.5	1
16	33-1423T1	PIN - roll	1
17	33-1425T1	BAFFLE - oil	1
18	33-1424T1	STRAP - oil baffle.....	2
19	895-11012	WASHER - flat, 13.5 x 24 x 2.5 mm.....	2
20	892-11012	WASHER - lock, 12 mm.....	2
21	SM8124225	BOLT - hex, 12 mm - 1.25 x 25 mm.....	2
22	825-11410	NUT - hex, 10 mm - 1.25	2
23	895-11010	WASHER - flat, 11 x 20 x 2 mm.....	2
24	SM8124020	BOLT - hex, 10 - 1.25 x 20 mm	2
25	S1400S01F	HOUSING - transmission, front	1
26	33-1467T1	PIN - dowel.....	2
27	SM8121240	BOLT - hex, 12 - 1.75 x 40 mm	30
28	*S1590S01F	GASKET - oil supply plate	1
29	S1580S00F	PLATE - oil supply	1
30	892-11010	WASHER - lock, 10 mm.....	7
31	514-738	BOLT - hex, 10 - 1.25 x 45 mm, replaces SM8124045 bolt	7
32	90-8403T1	GUTTER - oil, upper, rear, input gear mesh	1
33	614-6012	BOLT - hex, full threads, 6 - 1.0 x 12 mm	2
*33-1559T2		KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1



POWER SHIFT TRANSMISSION ASSEMBLY
Compound Shaft

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
1	33-1436T1	SHAFT - compound	1
2	33-1416T1	RING - retaining	4
3	33-1415T3	GEAR - compound shaft	1
4	33-1434T1	GEAR - drive, 22 teeth	1
5	33-1435T1	GEAR - driven, 29 teeth.....	1
6	90-8459T1	CONE - tapered roller bearing, replaces 529207R91 cone and 529208R1 cup	2

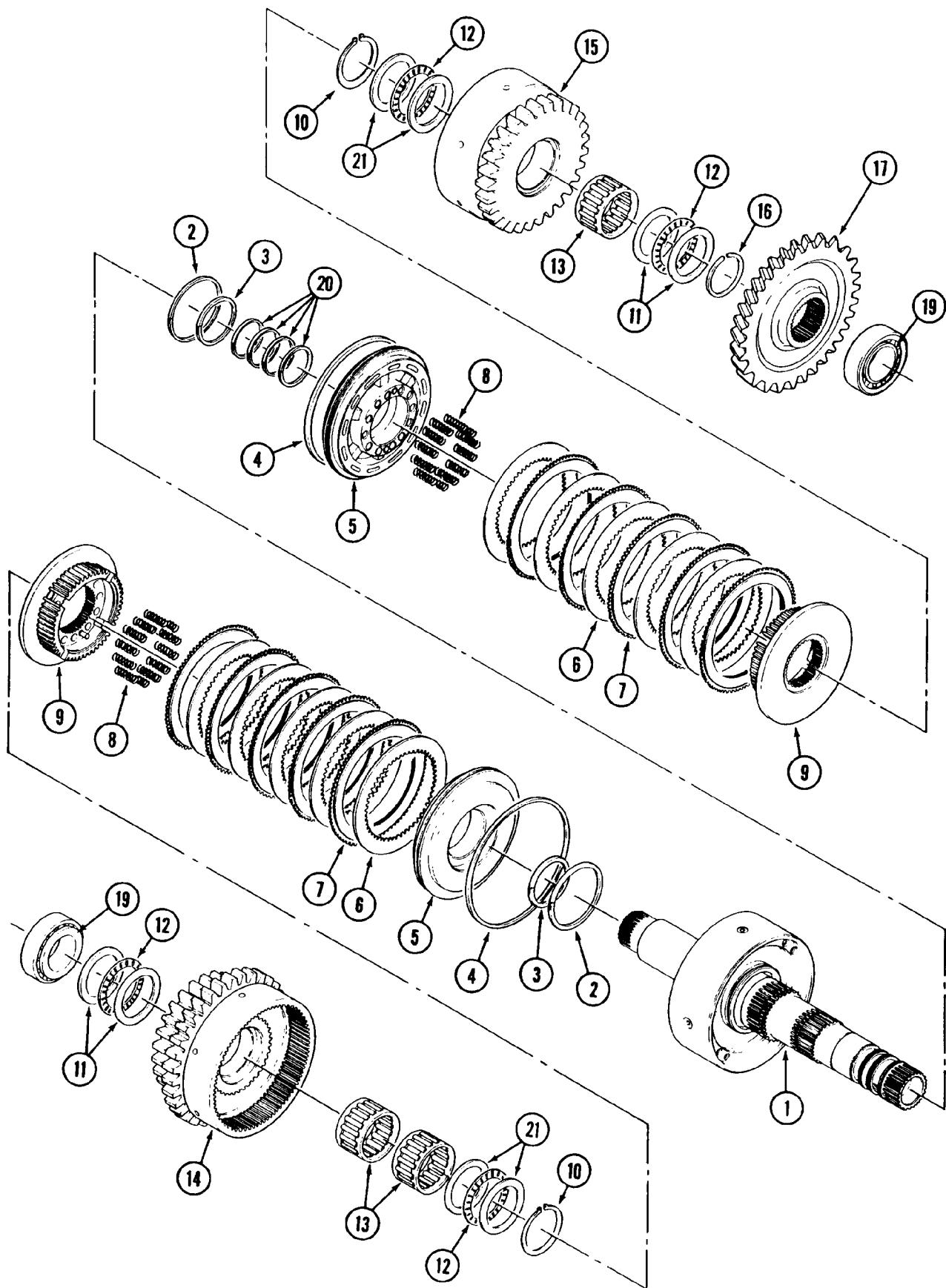


POWER SHIFT TRANSMISSION ASSEMBLY

7 Inch Input Clutch Pack Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
1	S2000S02F	PACK ASSEMBLY - clutch, input, replaces S2000S01A pack	1
2	S2900S01F	SHAFT - drum, also order (4) item 23 S2220S00F washers	1
3	*S2620S00F	RING - piston	2
4	S2610S00F	RING - piston	2
4	*S2630S00F	RING - sealing	2
5	33-1521T1	PISTON - clutch	2
6	S2080S00F	PLATE - steel, 2.4 mm thick, see note below	UAR
6	S2090S00F	PLATE - steel, 2.1 mm thick, see note below	UAR
7	33-1518T2	PLATE - friction.....	10
8	S2640S00F	SPRING - return, piston	24
9	S2850S00F	HUB - clutch	2
10	S2100S00F	RING - snap	2
11	H144527	WASHER - thrust, bearing, 3.2 mm, replaces S2200S00F washer	4
12	572182R1	BEARING - needle, thrust, replaces S2230S00F bearing	4
13	S2030S00F	BEARING - roller.....	1
14	S2040S01F	GEAR - drive, 32 teeth, replaces S2040S00F gear	1
15	90-8459T1	CONE - tapered roller bearing, replaces 529208R1 gear and 529207R91 cone.....	2
17	80909C1	BEARING - needle, caged	1
18	S2280S00F	GEAR - drive, 29 teeth	1
19	S2240S00F	RING - retaining	1
20	S2270S02F	GEAR - input, replaces S2270S01F gear.....	1
21	S2410S00F	CARRIER - piston ring	1
22	*S2250S00F	RING - sealing	4
23	S2220S00F	WASHER - thrust, bearing, 2.4 mm	4
	* 33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1

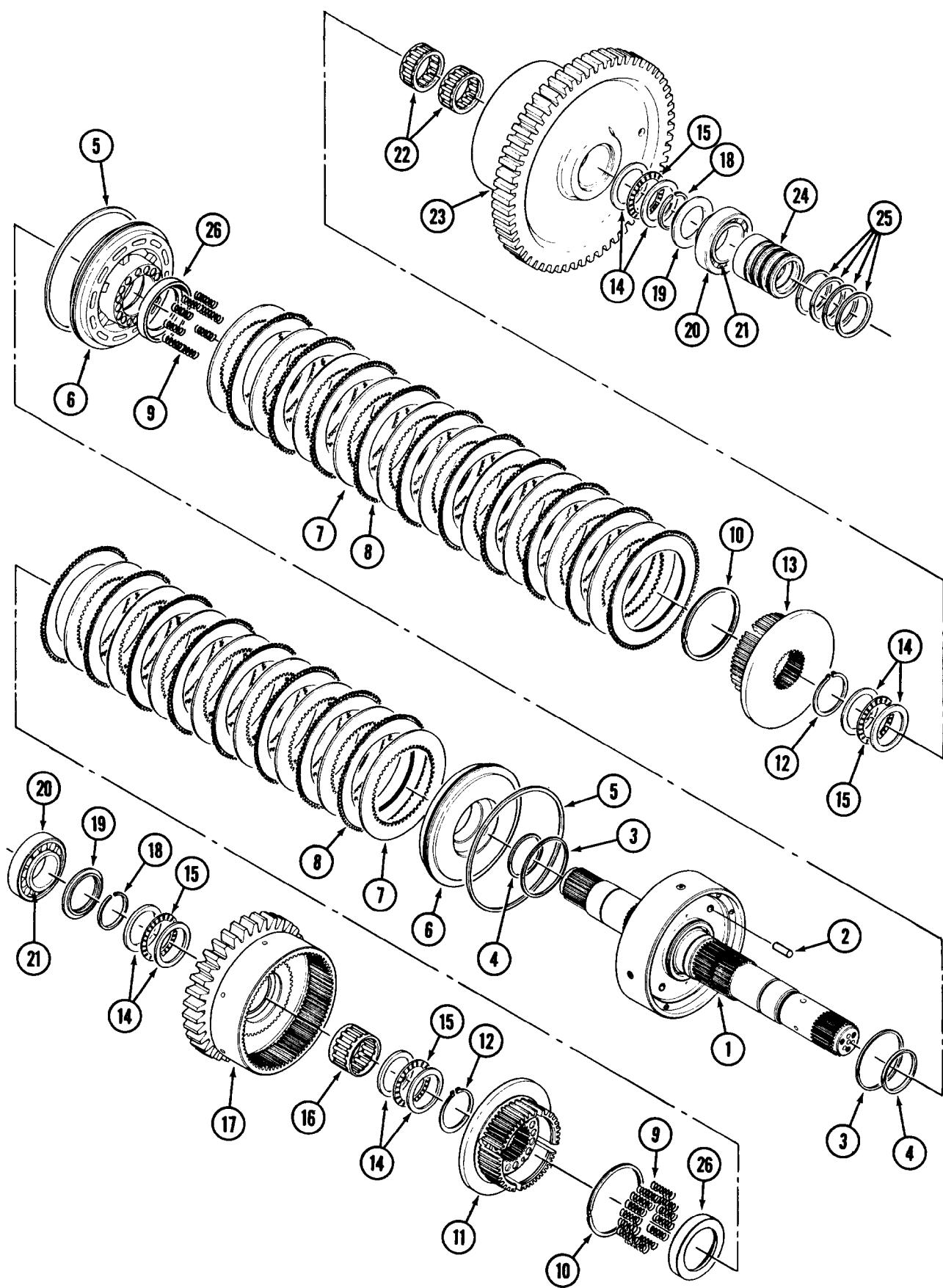
NOTE: Steel plates, item 6; a total of 10 pieces must be used.



POWER SHIFT TRANSMISSION ASSEMBLY**7 Inch Second Clutch Pack Assembly**

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
1	S3000S02F	PACK ASSEMBLY - clutch, second, replaces S3000S01F pack.....	1
2	S3900S01F	SHAFT - drum, also order (4) item 21 S2220S00F washers	1
2	*S2620S00F	RING - piston	2
3	*S2610S00F	RING - piston	2
4	*S2630S00F	RING - sealing	2
5	33-1521T1	PISTON - clutch	2
6	S2080S00F	PLATE - steel, 2.4 mm thick, see note below	UAR
6	S2090S00F	PLATE - steel, 2.1 mm thick, see note below	UAR
7	33-1518T2	PLATE - friction.....	10
8	S2640S00F	SPRING - return, piston	24
9	S2850S00F	HUB - clutch	2
10	S2100S00F	RING - snap	2
11	H144527	WASHER - thrust, bearing, 3.2 mm, replaces S2200S00F washer	8
12	572182R1	BEARING - needle, thrust, replaces S2230S00F bearing	4
13	80909C1	BEARING - needle, caged	3
14	S3040S01F	GEAR - counter, replaces S3040S00F gear.....	1
15	S2280S00F	GEAR - drive, 29 teeth	1
16	S2240S00F	RING - retaining	1
17	S3030S01F	GEAR - input, 36 teeth	1
19	90-8459T1	CONE - tapered roller bearing, replaces 529208R1 cup and 529207R91 cone.....	2
20	*S3070S00F	RING - sealing	4
21	S2220S00F	WASHER - thrust, bearing, 2.4 mm	4
	* 33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1

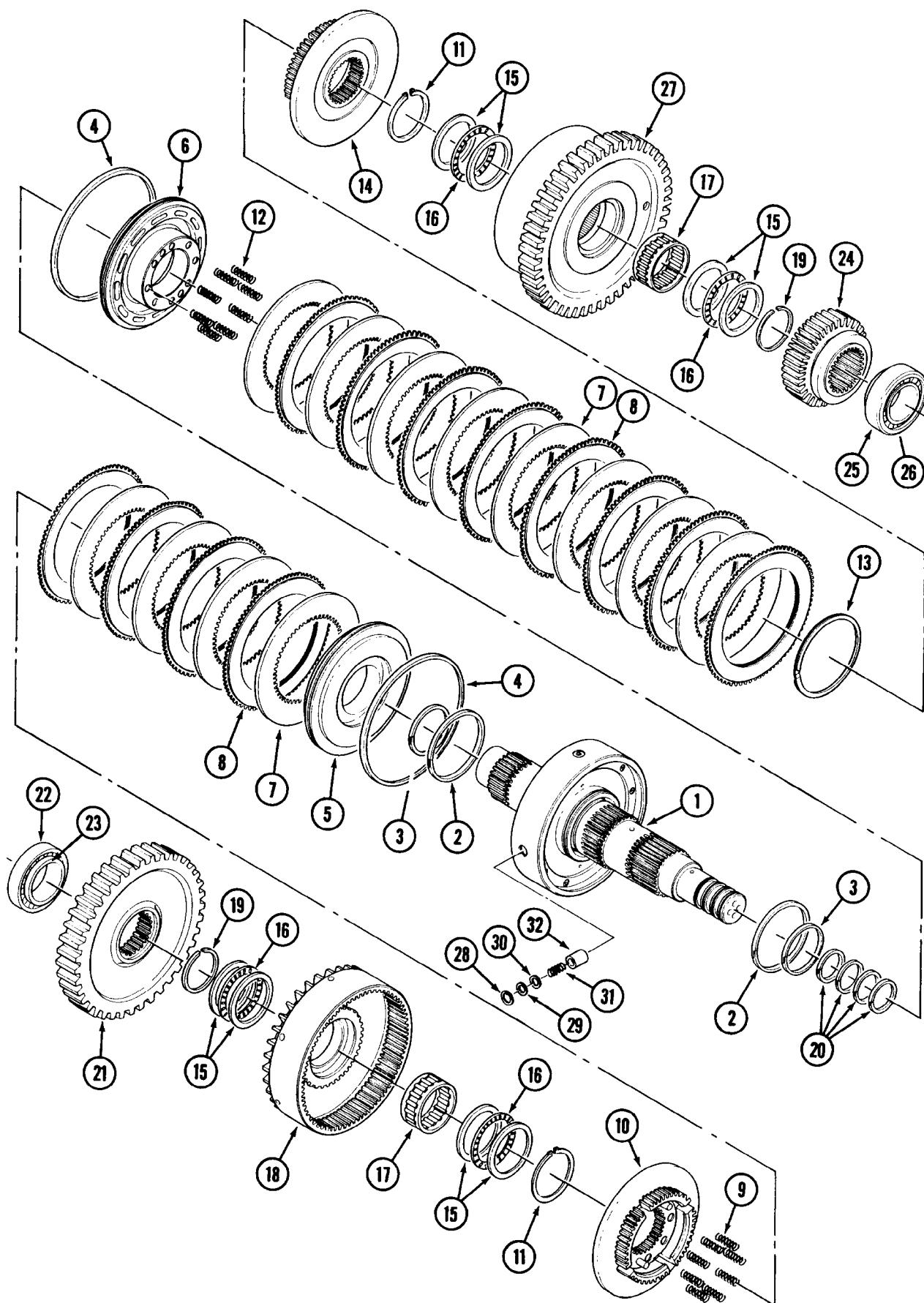
NOTE: Steel plates, item 6; a total set of 10 pieces must be used.



POWER SHIFT TRANSMISSION ASSEMBLY
8 Inch Clutch Pack Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission parts list pages 6-7 through 6-33	1
	S4000S02F	PACK ASSEMBLY - clutch, 8 inch.....	1
1	S4900S02F	SHAFT ASSEMBLY - drum	1
2	S4680S02F	PIN - guide, 11 mm diameter.....	4
3	*S4420S00F	RING - piston	2
4	*S4410S00F	RING - piston	2
5	*S4430S00F	RING - sealing	2
6	S4180S02F	PISTON - clutch	2
7	S4070S00F	PLATE - steel, 2.4 mm thick, see note below	UAR
7	S4110S00F	PLATE - steel, 2.1 mm thick, see note below	UAR
8	33-1519T2	PLATE - faced.....	18
9	S4440S00F	SPRING - return, piston	22
10	S4390S00F	RING - retaining	2
11	S4100S01G	HUB - clutch	1
12	S2100S00F	RING - snap	2
13	S4380S01G	HUB - clutch	1
14	H144527	WASHER - thrust, bearing, 3.2 mm, replaces S2200S00F washer	8
15	572182R1	BEARING - needle, thrust, replaces S2230S00F bearing	4
16	S2210S00F	BEARING - roller.....	1
17	S4210S00F	GEAR - output, 38 teeth	1
18	S2240S00F	RING - retaining	2
19	S4040S00F	SPACER - bearing	2
20	54404R1	CUP - tapered roller bearing.....	2
21	ST2016A	BEARING - tapered roller	2
22	S2030S00F	BEARING - roller.....	2
23	S4170S00F	GEAR - output, 59 teeth	1
24	S4160S00F	CARRIER - piston ring	1
25	*S4150S00F	RING - sealing	4
26	S4530S02F	PLATE - retaining, spring	2
	*33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1

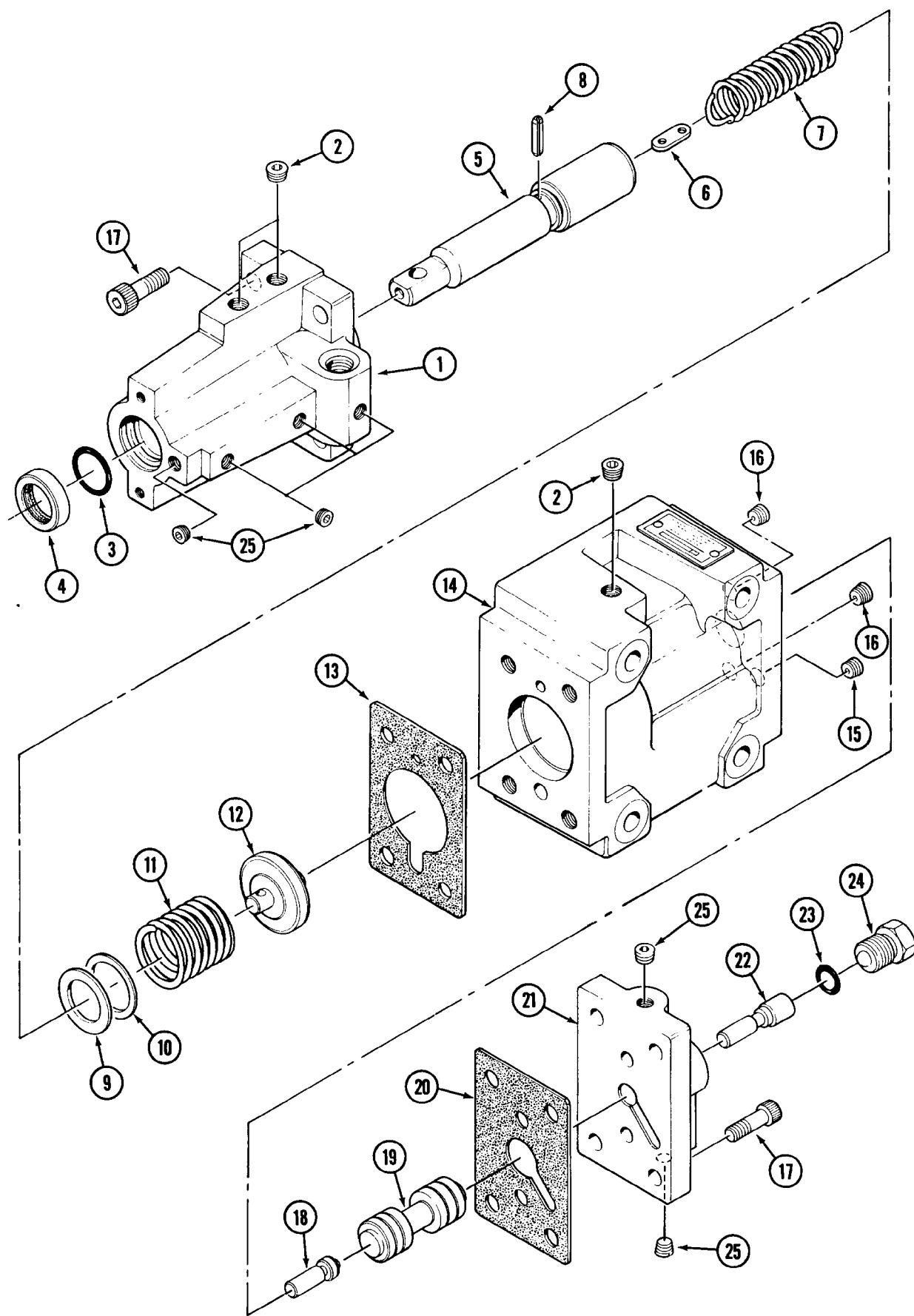
NOTE: Steel plates, item 7; a total of 18 pieces must be used.



POWER SHIFT TRANSMISSION ASSEMBLY
9 Inch Clutch Pack Assembly

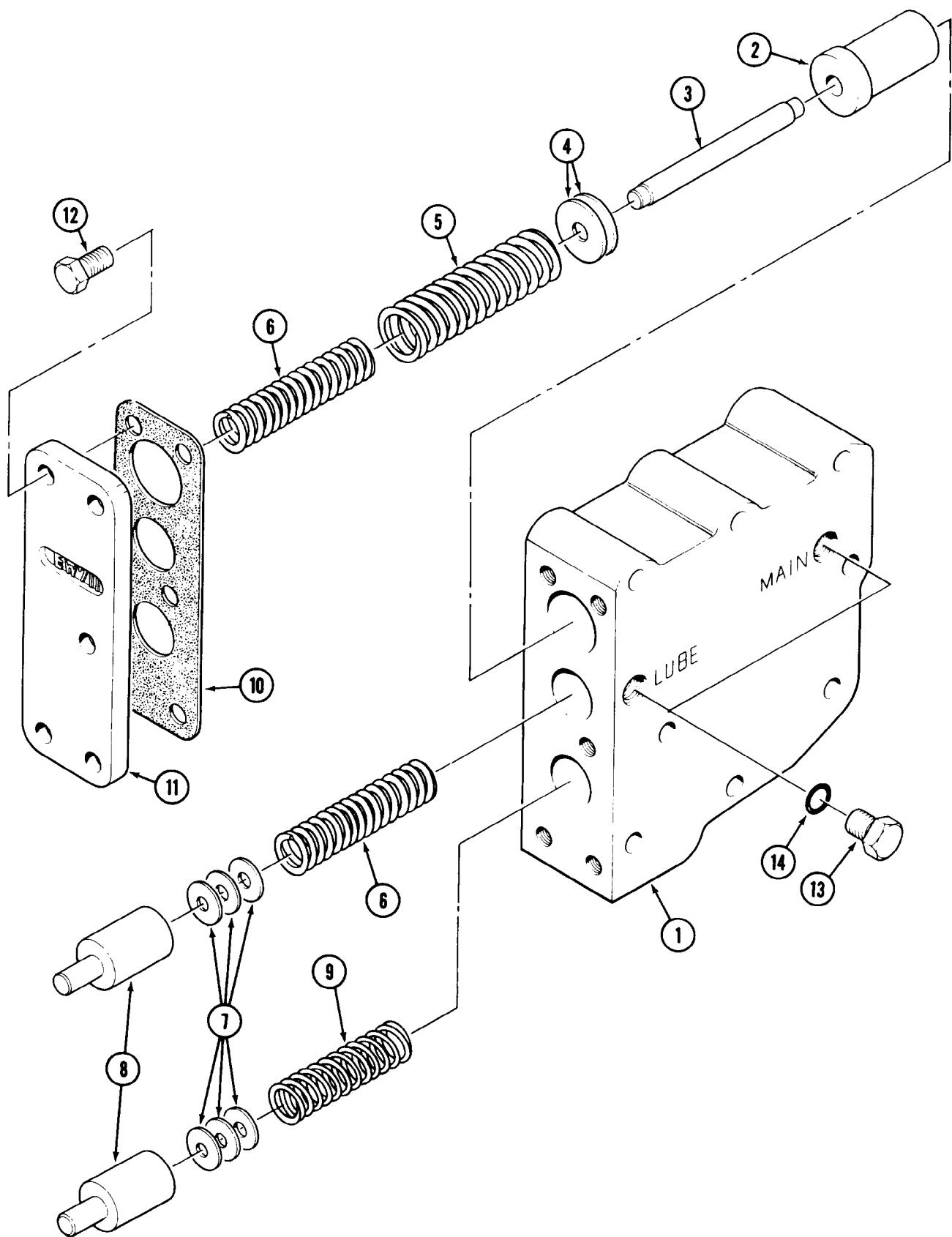
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
1	S5000S00F	PACK ASSEMBLY - clutch, 9 inch.....	1
1	S5900S00F	SHAFT - drum.....	1
2	*S5520S00F	RING - piston	2
3	*S5510S00F	RING - piston	2
4	*S4430S00F	RING - sealing	2
5	33-1523T1	PISTON - clutch	1
6	33-1522T1	PISTON - clutch	1
7	S5120S00F	PLATE - steel, 2.6 mm thick, see note below	UAR
7	S5130S00F	PLATE - steel, 2.4 mm thick, see note below	UAR
8	33-1520T2	PLATE - faced.....	12
9	S5550S00F	SPRING - return, piston	8
10	S5850S01G	HUB - clutch	1
11	S5100S00F	RING - snap	2
12	S5540S00F	SPRING - return, piston	8
13	S5490S00F	RING - retaining	1
14	S5840S01G	HUB - clutch	1
15	S5230S00F	WASHER - thrust	8
16	A75158	BEARING - thrust, replaces S5050S00F bearing.....	4
17	S5070S00F	BEARING - needle	2
18	S5080S01F	GEAR - clutch, 37 teeth	1
19	S5040S00F	RING - retaining	2
20	*S3070S00F	RING - sealing	4
21	S5060S01F	GEAR - input, 43 teeth	1
22	54404R1	CUP - tapered roller bearing.....	1
23	ST2016A	BEARING - tapered roller	1
24	S5270S00F	GEAR - drive, 21 teeth	1
25	90-6579T1	CUP - tapered roller bearing.....	1
26	ST2018A	CONE - tapered roller bearing	1
27	S5280S01F	GEAR - clutch, 46 teeth	1
28	SM9222160	RING - snap	2
29	S3220S00F	SHIM - drain valve, 0.7 mm thick	UAR
30	S3230S00F	SHIM - drain valve, 0.2 mm thick	UAR
31	S3210S00F	SPRING - valve.....	2
32	S3200S00F	VALVE - drain	2
	* 33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1

NOTE: Steel plates, item 7; a total set of 12 pieces must be used.



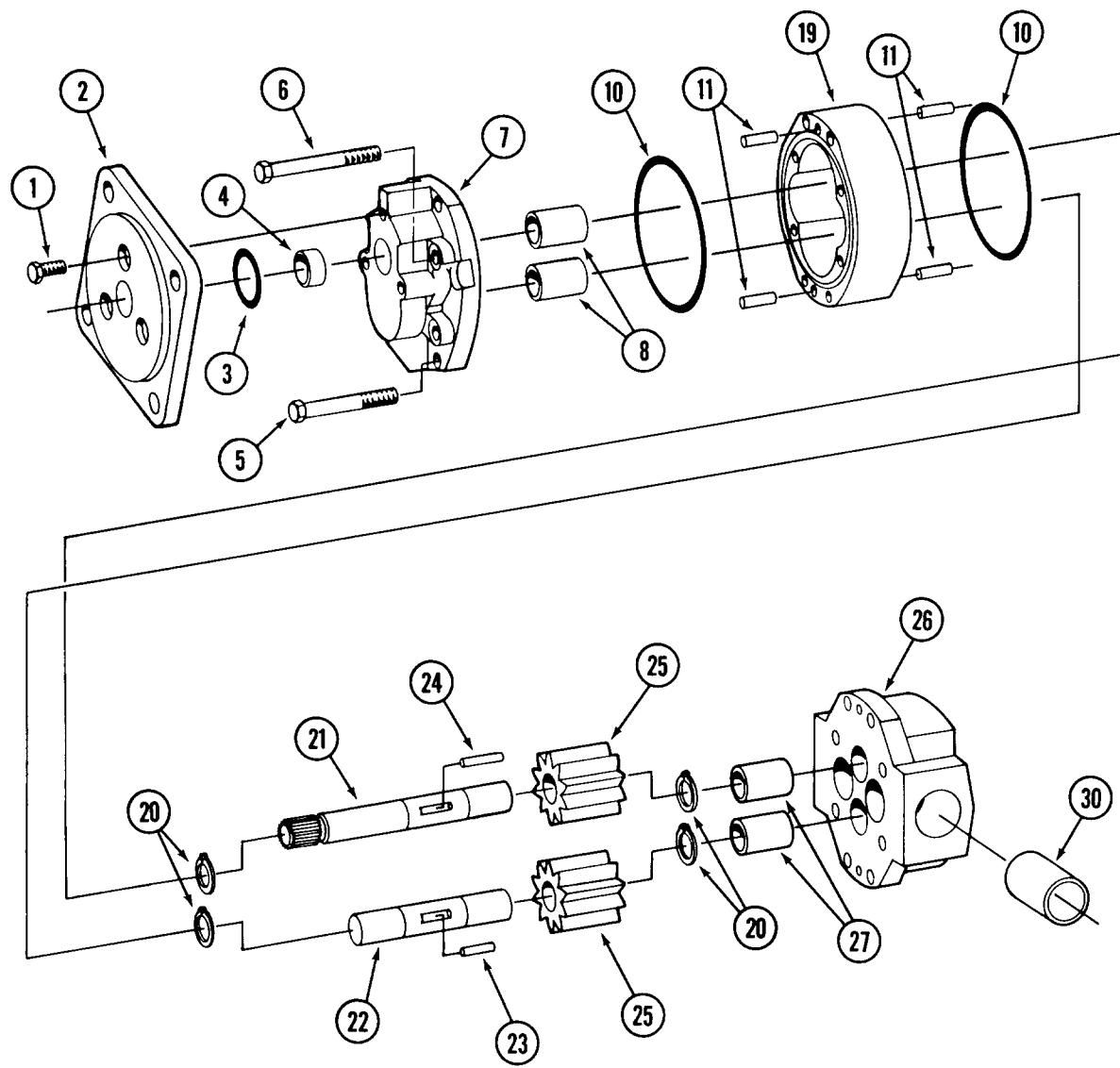
POWER SHIFT TRANSMISSION ASSEMBLY
Clutch Control Valve Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
	90-8201T91	VALVE ASSEMBLY - clutch control.....	1
1	S6090S00F	COVER - control stem	1
2	STX99700F	PLUG - stem cover port	3
3	*S6120S00F	O-RING - control stem	1
4	*S6110S00F	SEAL - control stem	1
5	S6100S00F	STEM - control	1
6	S6080S00F	LINK - connecting	1
7	90-8199T1	SPRING - tension	1
8	S6130S00F	PIN - roll	1
9	S6200S00F	SPACER - 31 x 1.2 mm thick	1
10	S6140S00F	SHIM - 30 x 1.0 mm thick	UAR
11	S6150S00F	SPRING - compression.....	1
12	S6060S00F	SEAT - spring	1
13	*S6070S00F	GASKET - control stem cover.....	1
14	S6050S00F	BODY - modulator.....	1
15	S6240S00F	PLUG - orifice	1
16	S6230S00F	PLUG - orifice	2
17	S6260S00F	BOLT - socket head, special.....	8
18	S6160S00F	POPPET - spool	1
19	S6040S00F	SPOOL - modulator	1
20	*S6030S00F	GASKET - valve cover	1
21	S6020S00F	COVER - valve	1
22	S6010S00F	SPOOL - reducing.....	1
23	*S6180S00F	O-RING - plug.....	1
24	S6170S00F	PLUG - hex, valve cover.....	1
25	S6220S00F	PLUG - valve cover.....	6
	*33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1



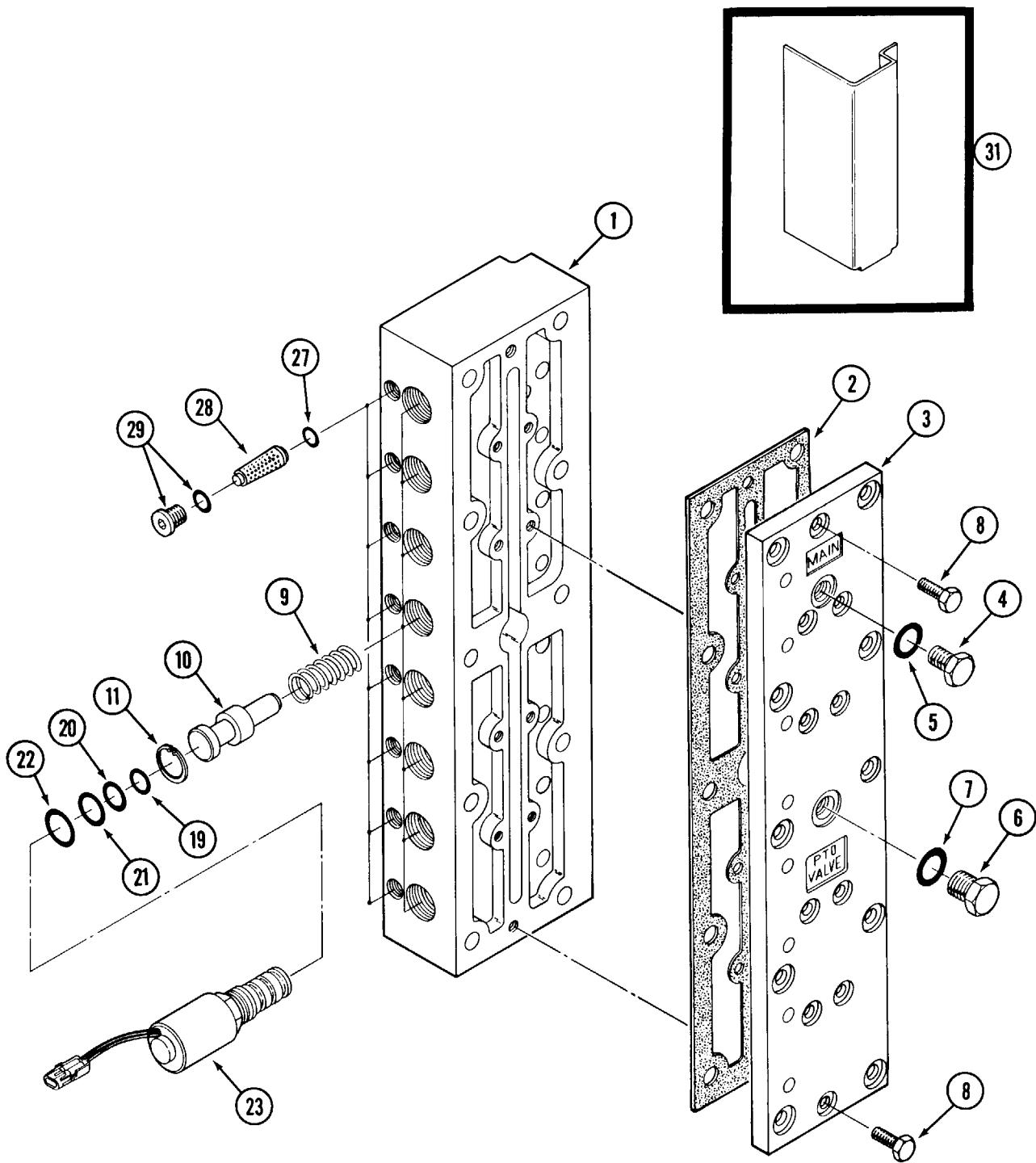
POWER SHIFT TRANSMISSION ASSEMBLY
Regulator Valve Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33	1
1	S7000S01F	VALVE ASSEMBLY - regulator	1
2	NSS	BODY - regulator valve	1
2	S7030S01F	VALVE - regulator	1
3	S7020S00F	ROD - pressure	1
4	S7010S00F	SHIM - .039 inch thick	UAR
5	S7120S00F	SPRING - compression	1
6	S7050S00F	SPRING - compression	2
7	S7080S00F	SHIM - .031 inch thick	UAR
8	S7060S00F	VALVE - lube	2
9	S7070S00F	SPRING - compression	1
10	*S7090S00F	GASKET - valve cover	1
11	S7110S00F	COVER - valve body	1
12	SM8120820	BOLT - hex, 8 - 1.25 x 20 mm	5
13	S1030S00F	PLUG - hex, O-ring boss	2
14	S1040S00F	O-RING - plug	2
	*33-1559T2	KIT - gasket, transmission rebuild, includes all items with an asterisk on pages 6-7 through 6-29	1



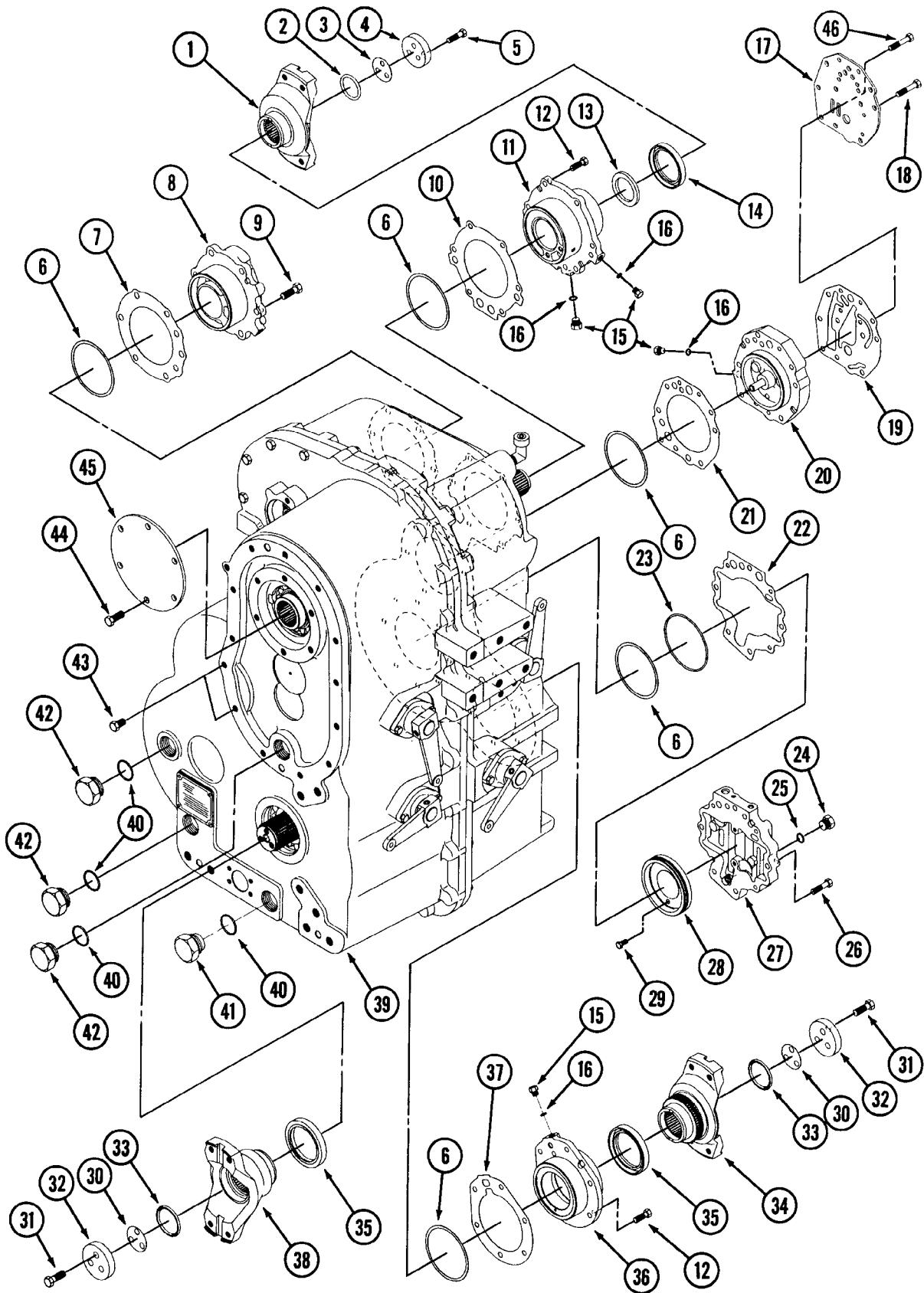
POWER SHIFT TRANSMISSION ASSEMBLY
Lubrication Pump Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
	33-1524T91	PUMP ASSEMBLY - transmission lubrication	1
1	33-1540T1	BOLT - hex, pump adapter	3
2	33-1541T1	ADAPTER - pump mounting	1
3	*33-1542T1	O-RING - seal	1
4	33-1543T1	RING - locating	1
5	33-1544T1	BOLT - hex, housing	4
6	33-1545T1	BOLT - hex, housing	4
7	33-1546T1	HOUSING - front	1
8	NSS	BUSHING - housing	2
10	*33-1547T1	O-RING - pump housing	2
11	33-1548T1	PIN - dowel	4
19	33-1549T1	HOUSING - center	1
20	33-1550T1	RING - snap	4
21	33-1551T1	SHAFT - drive	1
22	33-1552T1	SHAFT - idler	1
23	33-1553T1	KEY - dowel, idler shaft	1
24	33-1554T1	KEY - dowel, drive shaft	1
25	33-1555T1	GEAR - pump	2
26	33-1556T1	HOUSING - rear	1
27	NSS	BUSHING - housing	2
30	33-1557T1	TUBE - inlet	1
*90-8261T91		KIT - O-ring, lubrication pump, includes all items above marked with an asterisk	1



POWER SHIFT TRANSMISSION ASSEMBLY
Range Selector Valve Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-8454T91	TRANSMISSION ASSEMBLY - Powershift, replaces 90-7016T91 transmission, parts list pages 6-7 through 6-33.....	1
	33-1525T91	VALVE ASSEMBLY - range selector	1
1	33-1529T1	BODY - valve, range selector	1
2	33-1530T1	GASKET - valve cover	1
3	33-1531T1	COVER - body	1
4	S1030S00F	PLUG - hex, O-ring boss.....	1
5	S1040S00F	O-RING - plug	1
6	S1390S00F	PLUG - O-ring boss	1
7	S1320S00F	O-RING - plug	1
8	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8	10
9	33-1532T1	SPRING - spool	8
10	33-1533T1	SPOOL - valve selector	8
11	33-1534T1	RING - snap	8
	33-1535T1	VALVE ASSEMBLY - solenoid	8
	33-1536T1	KIT - O-ring, solenoid valve.....	8
19	NSS	O-RING - solenoid	8
20	NSS	O-RING - solenoid	8
21	NSS	O-RING - solenoid	8
22	NSS	O-RING - solenoid	8
23	NSS	VALVE - solenoid	8
27	33-1537T1	O-RING - seal, filter	8
28	33-1538T1	FILTER - conical	8
29	33-1539T1	PLUG - filter	8
31	50-3322T2	COVER - protective, transmission solenoids	1

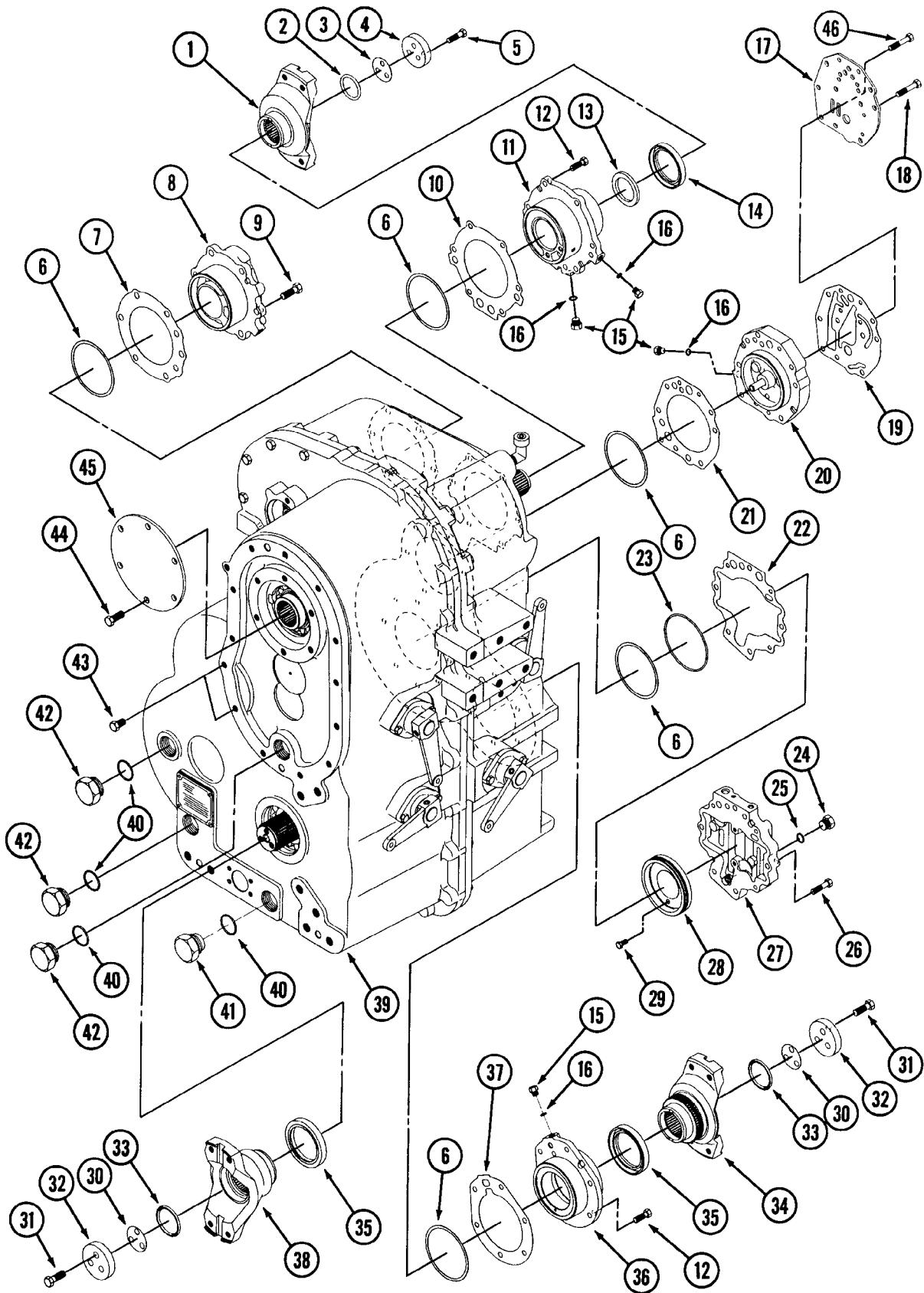


12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Pump Mounting, Covers and Yokes

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	33-1410T1	YOKE - input	1
2	**33-1414T1	O-RING - yoke sealing	1
3	33-1464T1	SHIM - 0.10 mm (0.004 inch) thick.....	UAR
3	33-1465T1	SHIM - 0.30 mm (0.012 inch) thick.....	UAR
3	33-1466T1	SHIM - 0.70 mm (0.028 inch) thick.....	UAR
4	33-1413T1	PLATE - yoke retainer	1
5	514-730	BOLT - hex, 10 - 1.25 x 35 mm	3
6	33-1631T1	SHIM - 0.10 mm (0.004 inch) thick.....	UAR
6	33-1632T1	SHIM - 0.15 mm (0.006 inch) thick.....	UAR
6	33-1633T1	SHIM - 0.30 mm (0.012 inch) thick.....	UAR
6	33-1634T1	SHIM - 0.51 mm (0.020 inch) thick.....	UAR
6	33-1635T1	SHIM - 0.71 mm (0.028 inch) thick.....	UAR
7	**90-7991T1	GASKET - bearing retainer	1
8	90-7992T1	RETAINER - bearing, pump drive shaft	1
9	514-832	BOLT - hex, 12 - 1.25 x 35 mm	6
10	**90-7993T1	GASKET - bearing retainer, input shaft	1
11	90-7994T1	RETAINER - bearing, input shaft	1
12	514-721	BOLT - hex, 10 - 1.25 x 30 mm	12
13	33-1636T1	WASHER - retrainer, seal	1
14	**33-1412T1	SEAL - input yoke.....	1
15	S1030S00F	PLUG - hex, O-ring boss	4
16	**S1040S00F	O-RING - plug	4
17	90-7995T1	PLATE - retainer cover.....	1
18	514-720	BOLT - hex, 10 - 1.25 x 50 mm	5
19	**90-7996T1	GASKET - cover plate	1
20	90-7997T1	RETAINER - bearing, third shaft	1
21	**90-7998T1	GASKET - bearing retainer, third shaft.....	1
22	**90-7999T1	GASKET - ditch plate	1
23	**33-1620T1	O-RING - retainer.....	1
24	S1210S00F	PLUG - hex, O-ring boss	1
25	**S1200S00F	O-RING - plug	1
	*90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	**90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1

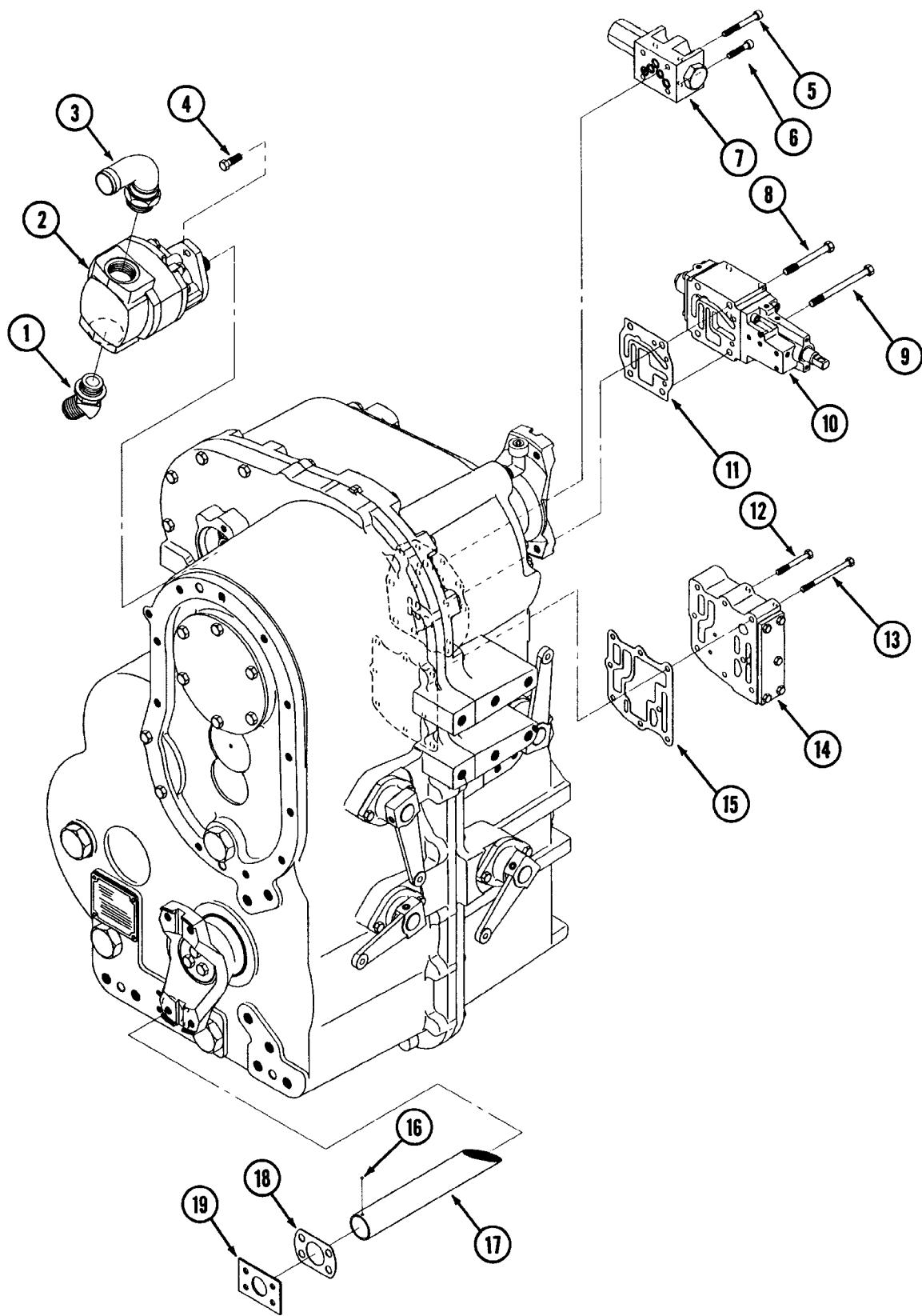
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12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Pump Mounting, Covers and Yokes

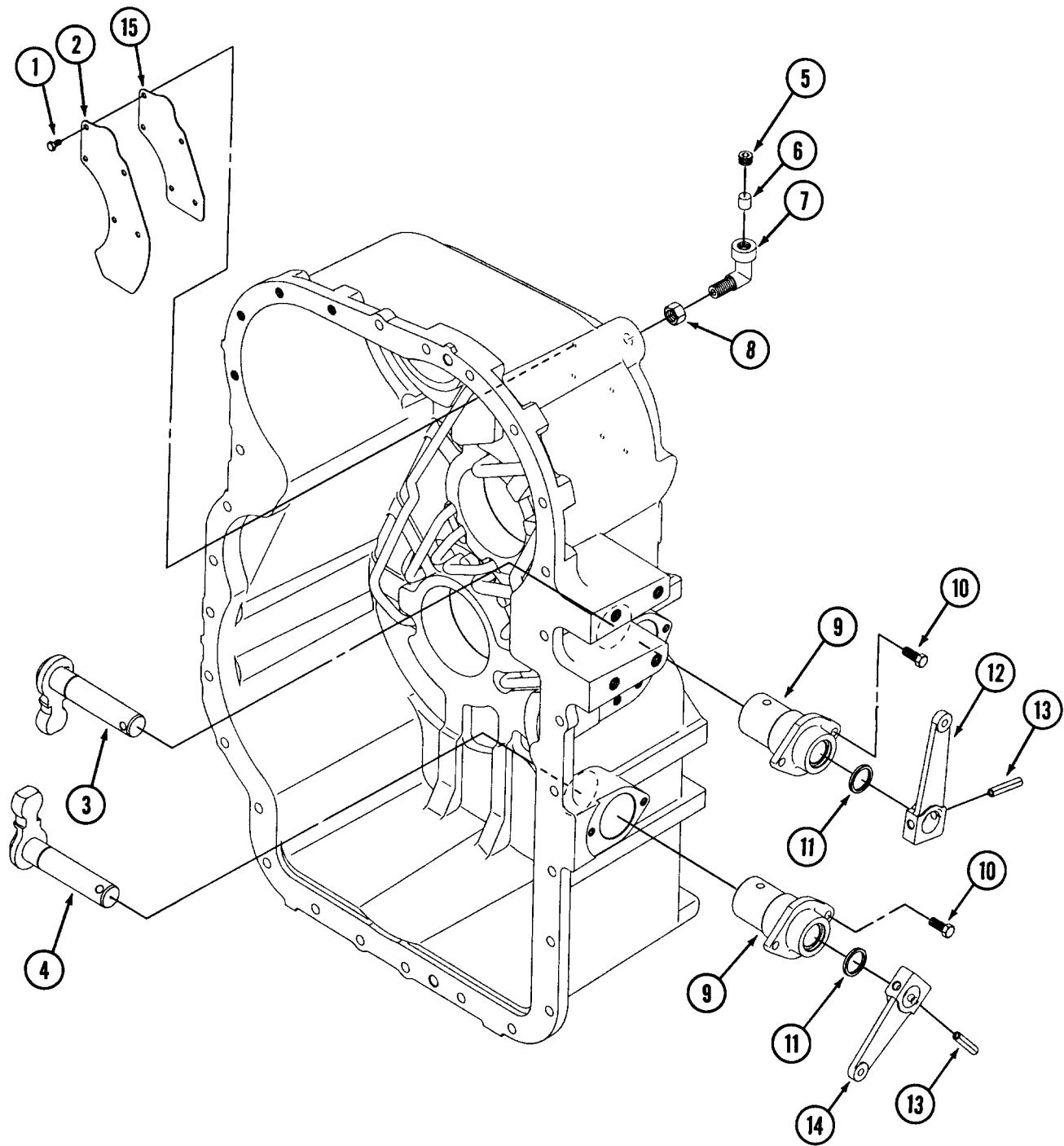
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65, continued	1
26	514-718	BOLT - hex, 10 - 1.25 x 40 mm	5
27	90-8000T1	PLATE - ditch	1
28	90-8001T1	RETAINER - bearing, fourth shaft	1
29	614-8016	BOLT - hex, full threads, 8 - 1.25 x 16 mm	2
30	33-1450T1	SHIM - 0.10 mm thick.	UAR
30	33-1451T1	SHIM - 0.30 mm thick.	UAR
31	514-832	BOLT - hex, 12 - 1.25 x 35 mm	6
32	33-1432T1	PLATE - retainer.	2
33	** 33-1422T1	O-RING - yoke sealing	2
34	33-1429T1	YOKE - output	1
35	** 33-1428T1	SEAL - output shaft	2
36	90-8002T1	RETAINER - bearing, fifth shaft	1
37	** 90-8003T1	GASKET - bearing retainer, fifth shaft	1
38	90-8004T1	YOKE - output, rear, 8C	1
39	90-7987T1	HOUSING - rear, transmission.	1
40	** S1080S00F	O-RING - plug	4
41	S1090S00F	PLUG - magnetic	1
42	S1010S00F	PLUG - O-ring boss	3
43	514-841	BOLT - hex, 12 - 1.25 x 20 mm	2
44	514-834	BOLT - hex, 12 - 1.25 x 30 mm	6
45	33-1619T2	COVER - end, used on models without PTO	1
46	514-738	BOLT - hex, 10 - 1.25 x 45 mm	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Valve and Lubrication Mounting

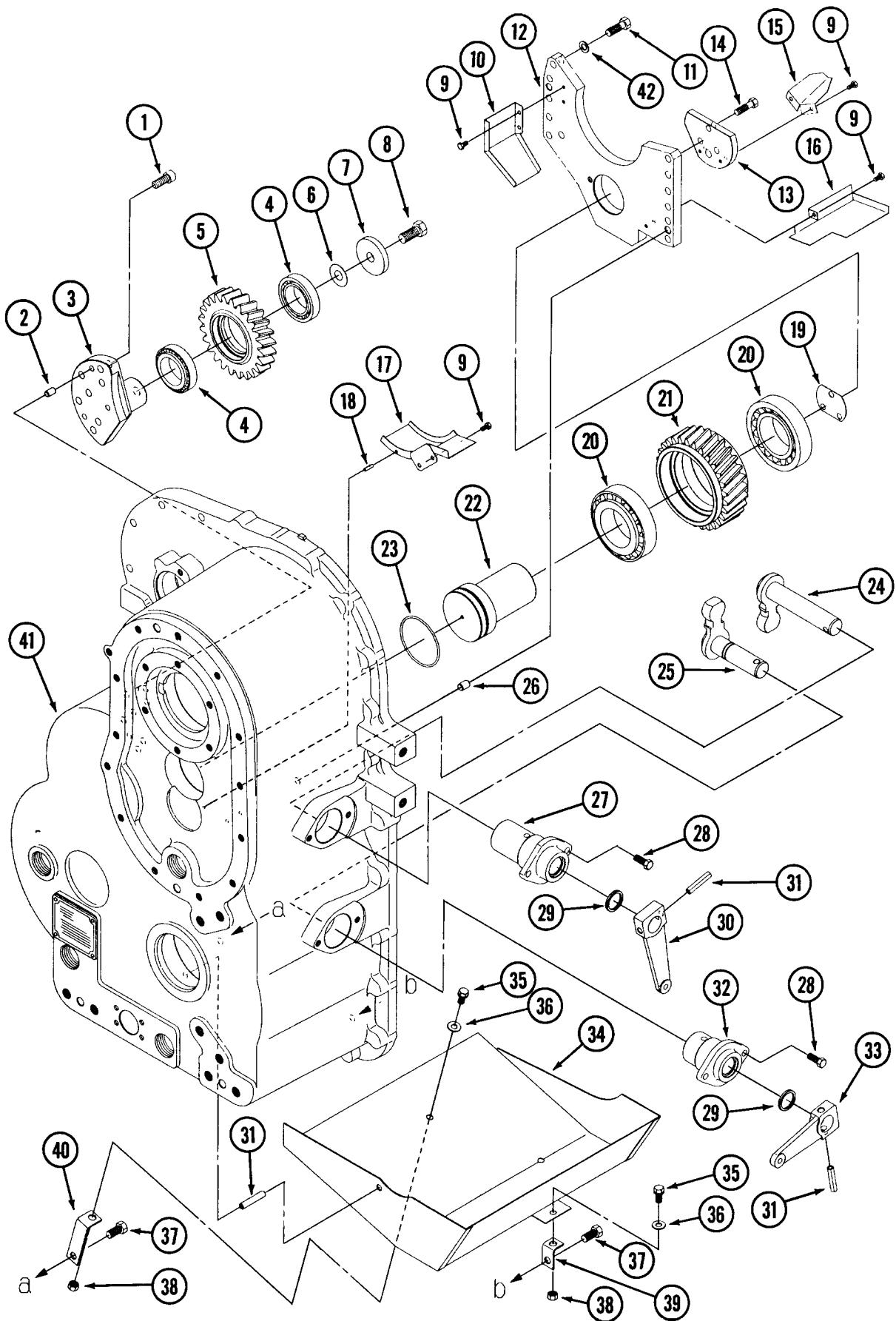
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	218-5140	ELBOW - 45 degree, 1-5/16-12 inch flare x adj O-ring boss	1
2	***33-1874T91	PUMP - lubrication, component parts not serviced separately.....	1
3	31-1394	ELBOW - hose stem, special	1
4	514-721	BOLT - hex, 10 - 1.25 x 30 mm	2
5	90-8007T1	BOLT - socket head, special	2
6	90-8008T1	BOLT - socket head, special	2
7	90-8009T91	VALVE ASSEMBLY - lock out, parts list page 6-65	1
8	514-729	BOLT - hex, 10 - 1.25 x 90 mm, class 8.8	2
9	514-739	BOLT - hex, 10 - 1.25 x 120 mm, class 8.8	2
10	90-8200T91	VALVE ASSEMBLY - control, parts list page 6-63	1
11	**90-8012T1	GASKET - control valve	1
12	614-8065	BOLT - hex, full threads, 8 - 1.25 x 65 mm	5
13	614-8100	BOLT - hex, full threads, 8 - 1.25 x 100 mm	3
14	S7000S01F	VALVE ASSEMBLY - regulator, parts list page 6-61	1
15	**S1150S02F	GASKET - regulator valve	1
16	S14701960	BALL - steel	1
17	33-1561T1	TUBE - suction	1
18	**S1620S01F	GASKET - suction tube	1
19	S1700S00F	PLATE - suction tube retainer	1
	*90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	**90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1
	***90-8261T91	KIT - O-ring, lubrication pump, includes gasket not used with this pump	1



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Front Housing, Shift Levers and Breather

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	614-6012	BOLT - hex, full threads, 6 - 1.0 x 12 mm	2
2	90-7982T1	BAFFLE - breather	1
3	90-7983T1	LEVER - shift, second and third speed, inner	1
4	90-7984T1	LEVER - shift, C and D range, inner	1
5	33-1761T1	PLUG - taper	1
6	33-1454T1	FILTER - breather	1
7	33-1455T1	ELBOW - 90 degree, breather filter	1
8	SM8911246	NUT - hex, 16 mm - 1.5	1
9	90-7985T1	HOLDER - lever	2
10	514-712	BOLT - hex, 10 - 1.25 x 25 mm	4
11	** 33-1727T1	SEAL - holder	2
12	90-7975T1	LEVER - shift, speed, outer	1
13	SM831050	PIN - spring	2
14	90-7977T1	LEVER - shift, range, outer	1
15	** 90-8259T1	GASKET - valve, control, hi-low, replaces 90-8006T1 gasket	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1

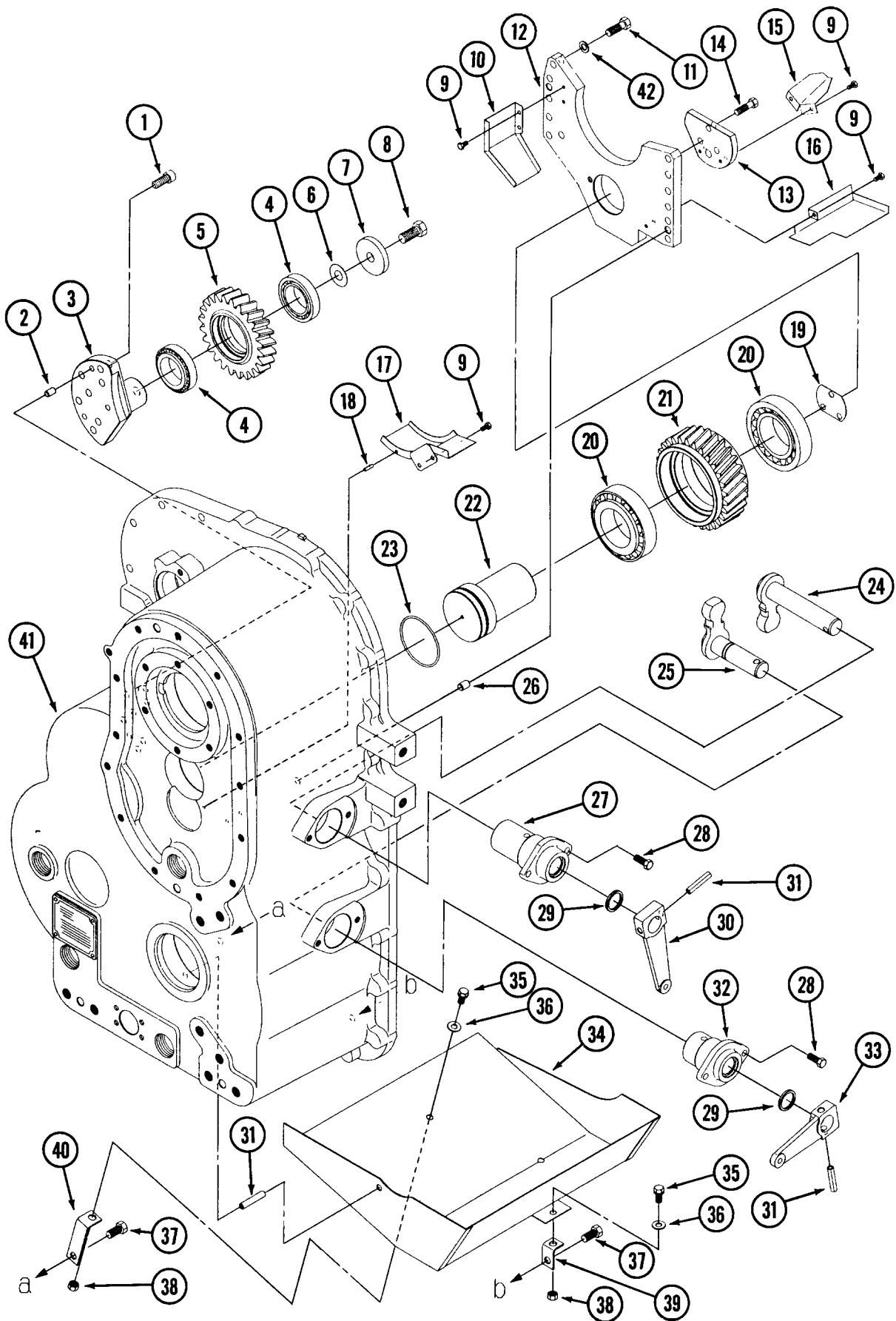


12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Rear Housing, Shift Levers and Baffles

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	33-1767T1	BOLT - socket head, special	7
2	33-1807T1	PIN - dowel	2
3	90-8157T1	SHAFT - idler, reverse	1
4	90-7953T1	BEARING - tapered roller	2
5	90-7954T1	GEAR - idler, reverse	1
6	S9950S00F	SHIM - 0.1 mm thick	UAR
6	S9960S00F	SHIM - 0.3 mm thick	UAR
6	S9970S00F	SHIM - 0.51 mm thick	UAR
6	S9980S00F	SHIM - 0.71 mm thick	UAR
7	33-1693T1	PLATE - retainer	1
8	514-1021	BOLT - hex, 16 - 1.5 x 35 mm, class 10.9	1
9	614-6012	BOLT - hex, full threads, 6 - 1.0 x 12 mm	7
10	90-7955T1	GUTTER - input	1
11	514-832	BOLT - hex, 12 - 1.25 x 35 mm	12
12	90-7957T1	PLATE - support	1
13	90-7958T1	COVER - idler shaft	1
14	514-730	BOLT - hex, 10 - 1.25 x 35 mm	3
15	90-7959T1	GUTTER - bearing	1
16	90-7960T1	GUTTER - gear, second speed	1
17	90-7961T1	GUTTER - gear, first speed	1
18	90-7962T1	PIN - roll	1
19	90-7963T1	SHIM - 0.1 mm thick	UAR
19	90-7964T1	SHIM - 0.15 mm thick	UAR
19	90-7965T1	SHIM - 0.3 mm thick	UAR
19	90-7966T1	SHIM - 0.7 mm thick	UAR
20	90-7920T1	BEARING - tapered roller	2
21	90-7968T1	GEAR - idler	1
22	90-7969T1	SHAFT - idler	1
23	** 90-7970T1	O-RING - shaft	1
24	90-7971T1	LEVER - shift, first-reverse speed, inner	1
25	90-7972T1	LEVER - shift, A-B range, inner	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1

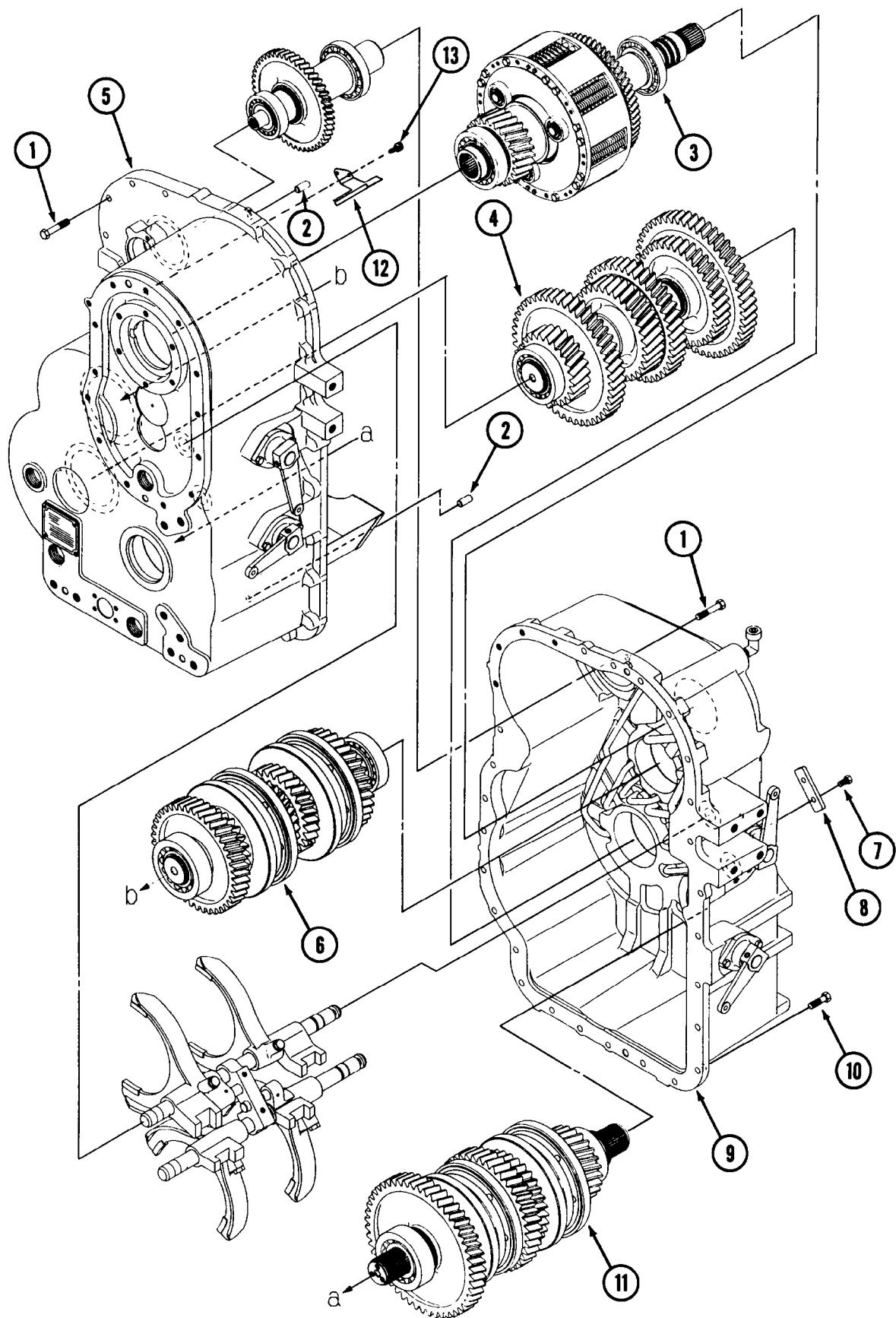
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12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Rear Housing, Shift Levers and Baffles

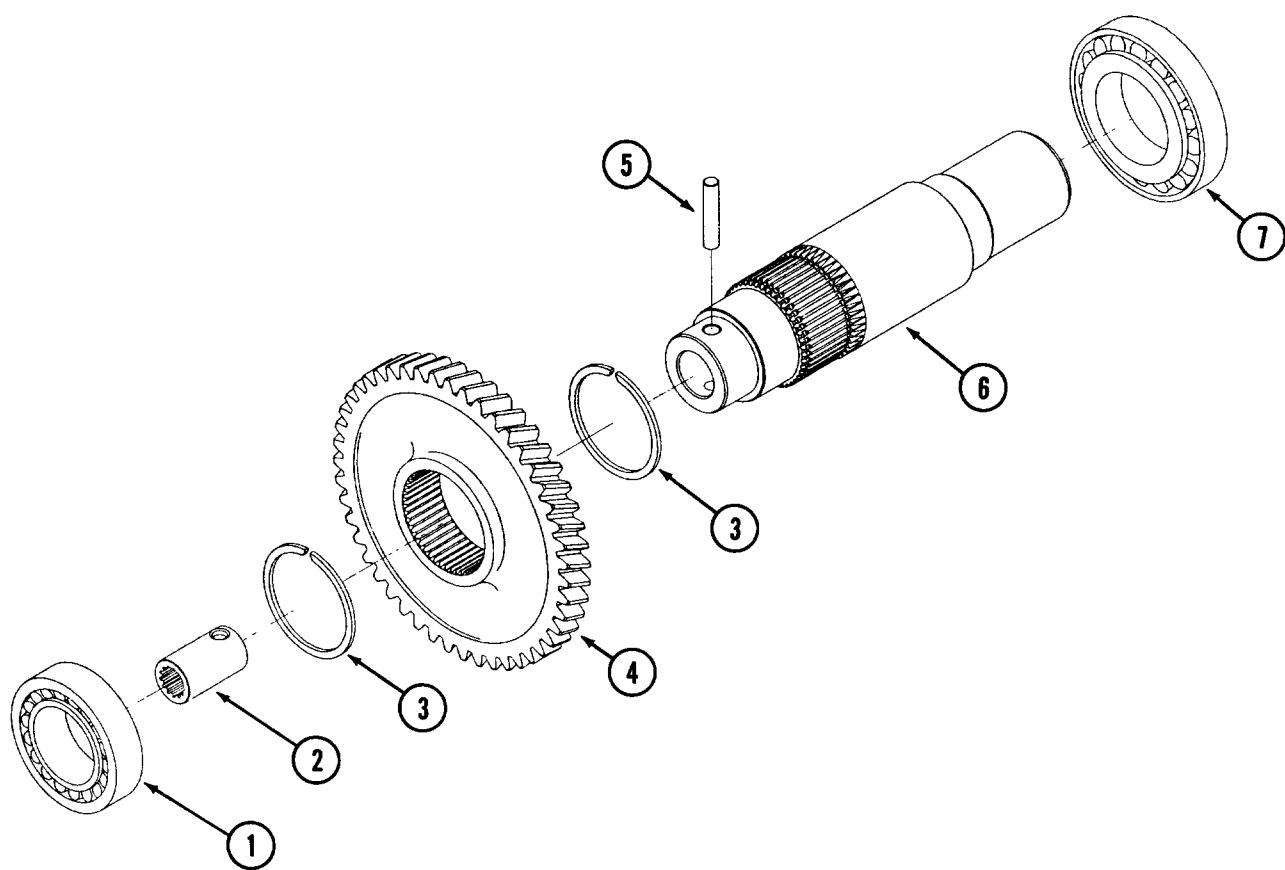
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65, continued.....	1
26	90-7973T1	PIN - dowel.....	2
27	90-7974T1	HOLDER - lever, first-reverse speed	1
28	514-712	BOLT - hex, 10 - 1.25 x 25 mm	4
29	**33-1727T1	SEAL - holder.....	2
30	90-7975T1	LEVER - shift, speed, outer	1
31	SM831050	PIN - spring	3
32	90-7976T1	HOLDER - lever, A-B range	1
33	90-7977T1	LEVER - shift, range, outer	1
34	90-7978T1	PAN - oil	1
35	514-703	BOLT - hex, 10 - 1.25 x 20 mm	2
36	895-11010	WASHER - flat, 11 x 20 x 2 mm.....	2
37	514-842	BOLT - hex, 12 - 1.25 x 25 mm	2
38	825-11410	NUT - hex, 10 mm - 1.25	2
39	90-7979T1	BRACKET - oil pan, left-hand.....	1
40	90-7980T1	BRACKET - oil pan, right-hand	1
41	90-7987T1	HOUSING - rear, transmission.....	1
42	90-7948T1	WASHER - wave	12
*90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1	
**90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1	



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY
Oil Gutter, Shaft Assemblies and Shifter Assembly

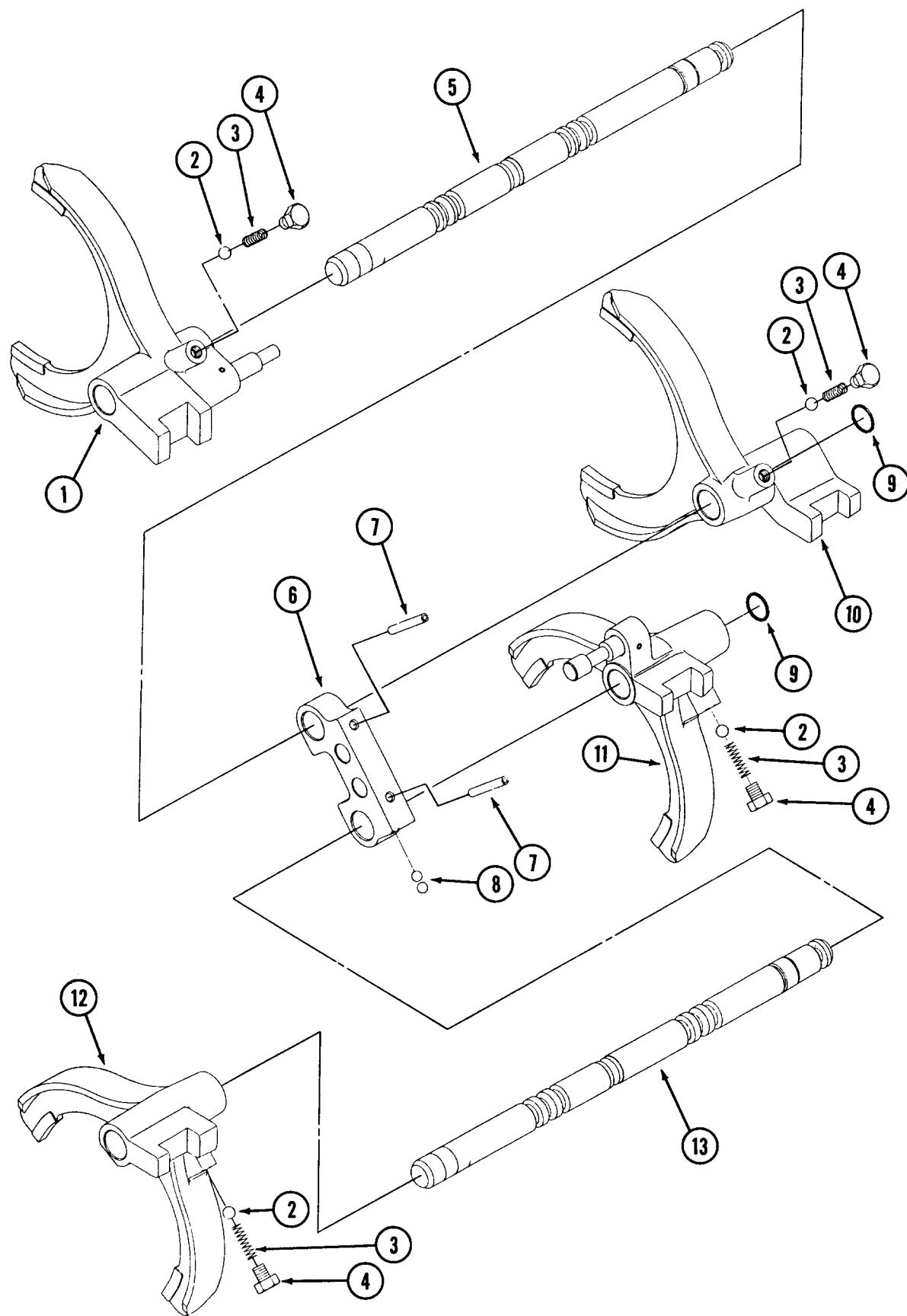
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	514-843	BOLT - hex, 12 - 1.25 x 60 mm	13
2	33-1467T1	PIN - dowel.	2
3	90-7943T91	SHAFT ASSEMBLY - input, 12 speed, parts list page 6-59.....	1
4	90-7986T91	SHAFT ASSEMBLY - fourth, parts list page 6-57	1
5	90-7987T1	HOUSING - rear, transmission.	1
6	90-7988T91	SHAFT ASSEMBLY - third, parts list page 6-53	1
7	514-703	BOLT - hex, 10 - 1.25 x 20 mm	2
8	33-1746T1	PLATE - lock	1
9	90-7989T1	HOUSING - front, transmission	1
10	514-830	BOLT - hex, 12 - 1.25 x 40 mm	16
11	90-7990T91	SHAFT ASSEMBLY - fifth, parts list page 6-55	1
12	33-1812T1	LIP - oil, reverse gear.....	1
13	614-6012	BOLT - hex, full threads, 6 - 1.0 x 12 mm	2

NOTE: For shifter fork assembly see page 6-51.



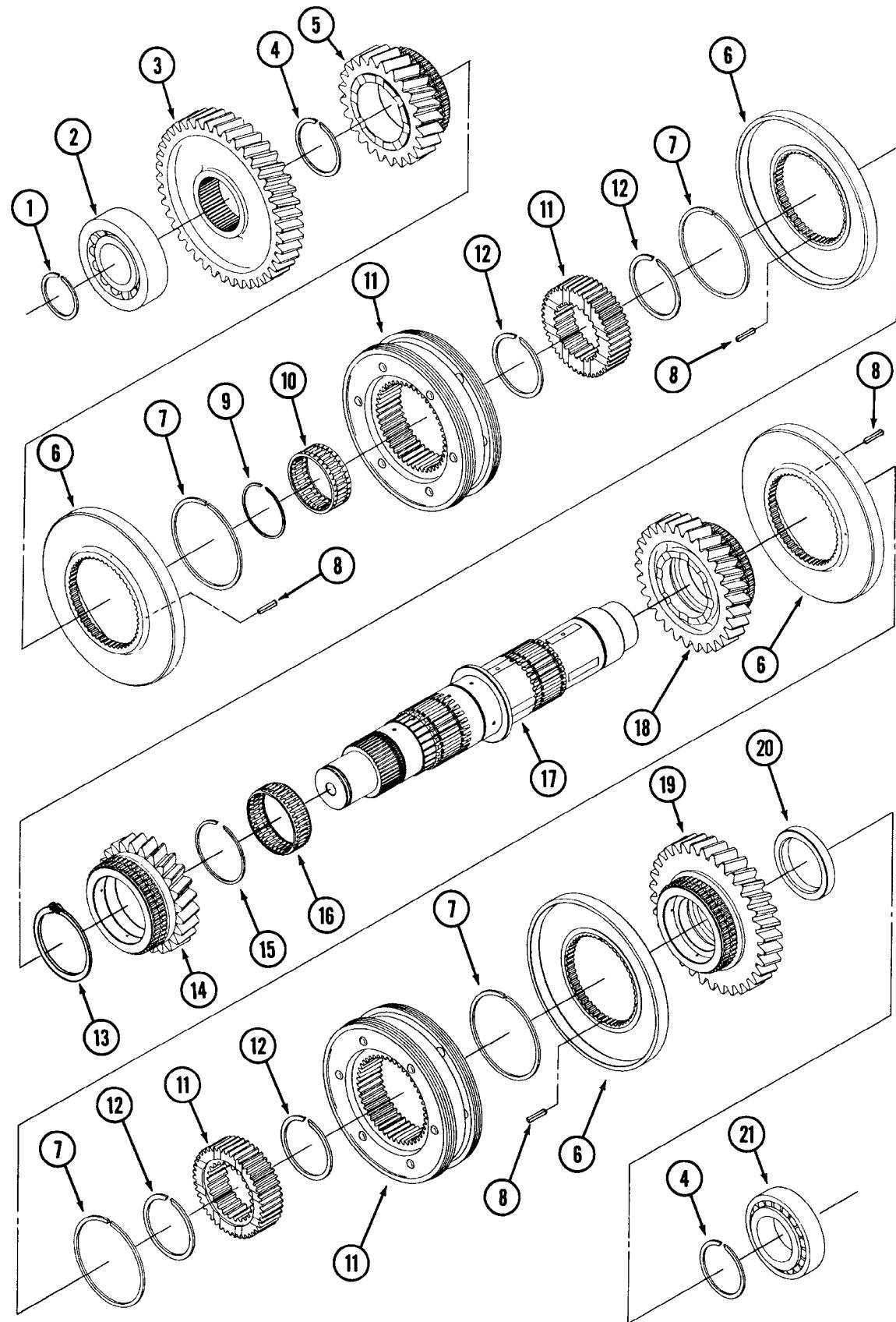
12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY
Pump Drive

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	529208R1	CUP - tapered roller bearing	1
1	529207R91	CONE - tapered roller bearing	1
2	90-7939T1	COUPLING - sleeve, pump	1
3	33-1416T1	RING - retaining	2
4	90-7940T1	GEAR - driven, pump drive shaft	1
5	90-7941T1	PIN - dowel	1
6	90-7942T1	SHAFT - pump drive	1
7	90-7937T1	CONE - tapered roller bearing	1



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY
Shifter Fork Assembly

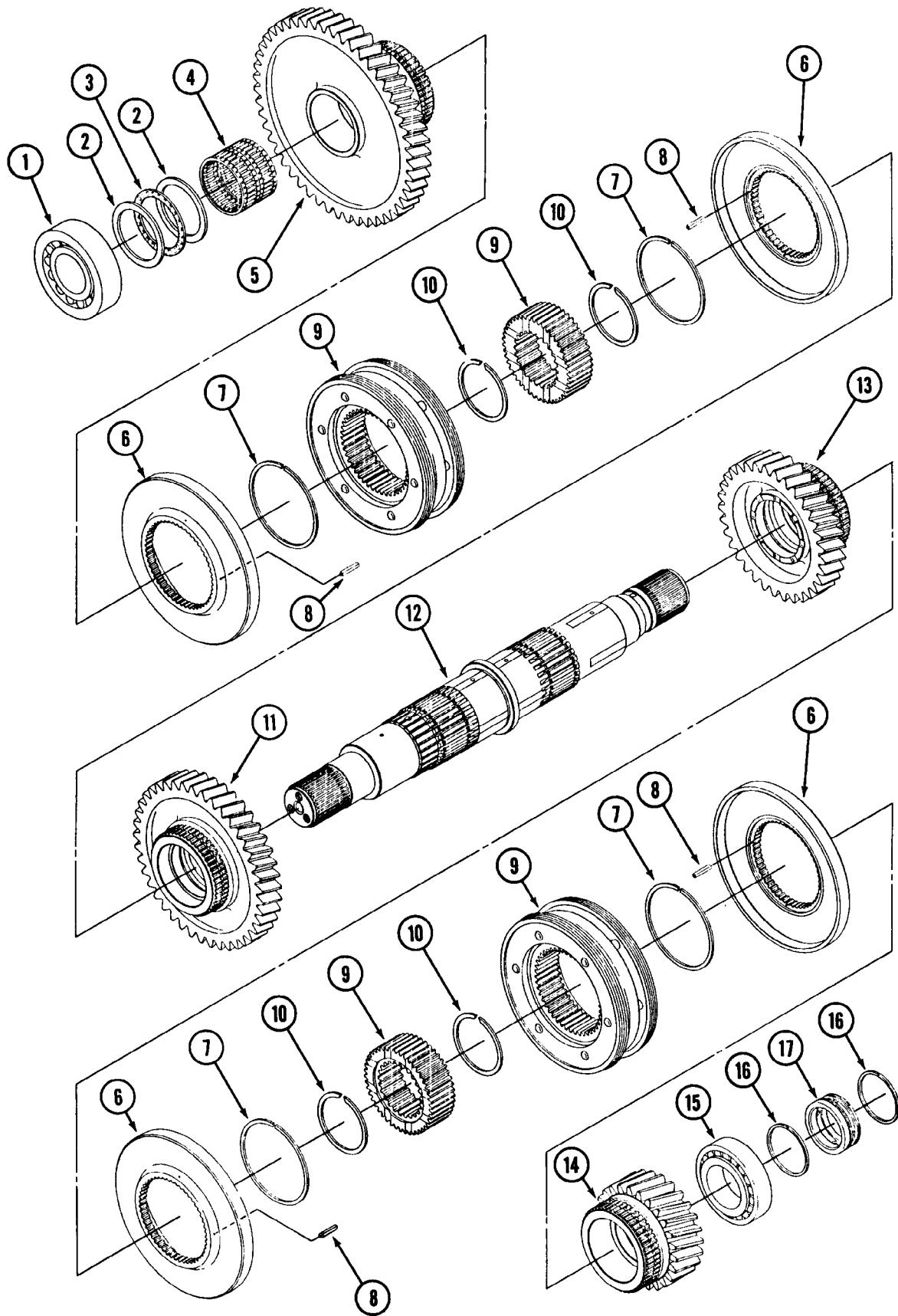
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	90-7944T1	FORK - shift, first-reverse.....	1
2	33-1757T1	BALL - steel, fork detent.....	4
3	33-1786T1	SPRING - detent ball	4
4	33-1759T1	PLUG - detent spring	4
5	90-7945T1	ROD - shift, speed	1
6	90-7946T1	PLATE - interlock	1
7	90-7947T1	PIN - spring	2
8	33-1756T1	BALL - steel	2
9	**33-1745T1	O-RING - seal, fork.....	2
10	90-7949T1	FORK - shift, second-third speeds	1
11	90-7950T1	FORK - shift, C-D ranges.....	1
12	90-7951T1	FORK - shift, A-B ranges	1
13	90-7952T1	ROD - shift, range	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Third Shaft Assembly

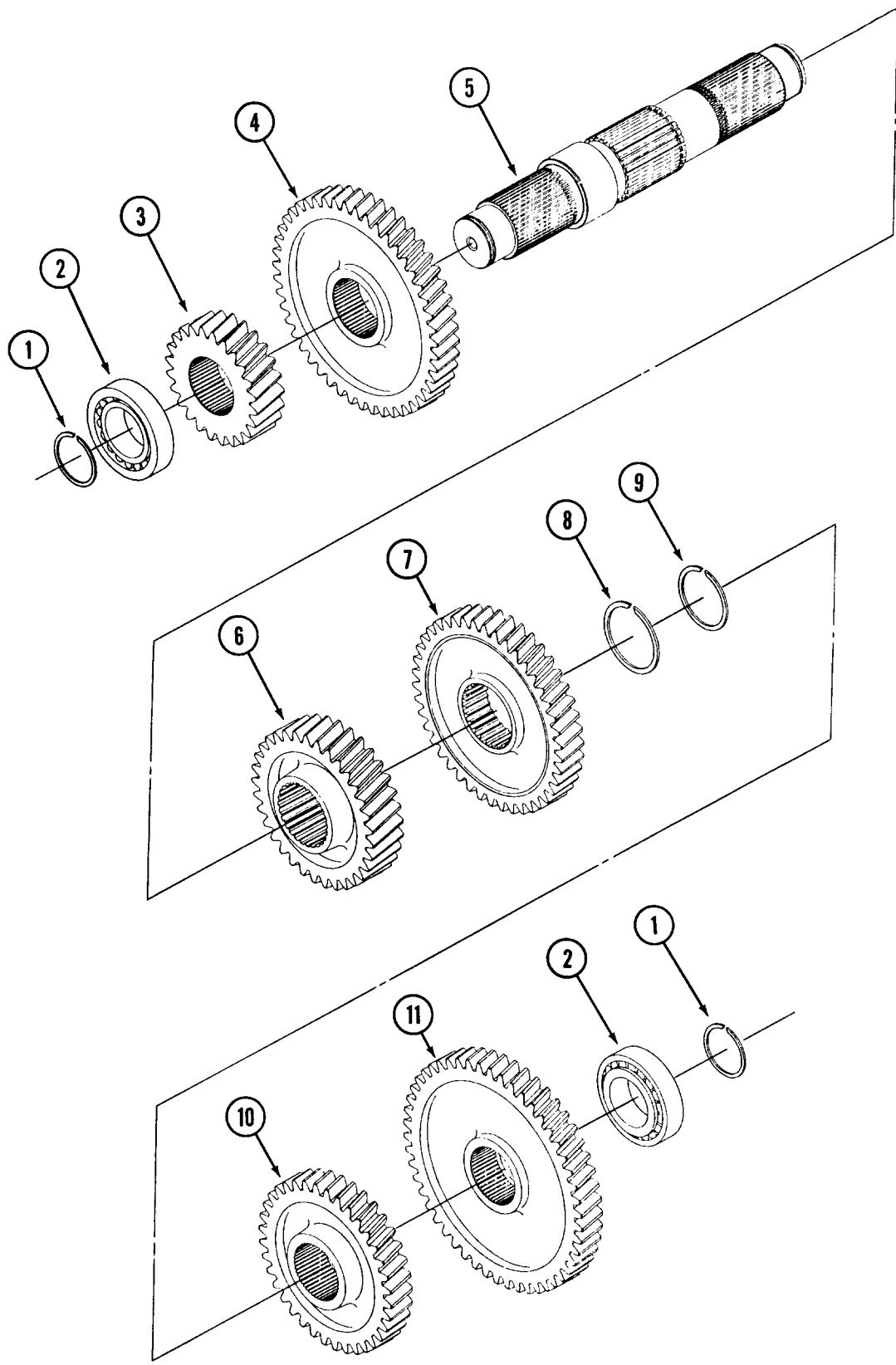
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
	90-7988T91	SHAFT ASSEMBLY - third.....	1
1	*90-7887T1	RING - retaining, 2.5 mm	UAR
1	*90-7888T1	RING - retaining, 2.6 mm	UAR
1	*90-7889T1	RING - retaining, 2.7 mm	UAR
1	*90-7890T1	RING - retaining, 2.8 mm	UAR
1	*90-7891T1	RING - retaining, 2.9 mm	UAR
1	*90-7892T1	RING - retaining, 3.0 mm	UAR
2	33-1708T1	BEARING - tapered roller	1
3	90-7893T1	GEAR - driven, third shaft.....	1
4	S5040S00F	RING - retaining	2
5	90-7894T1	GEAR - drive, first speed	1
6	90-7895T1	DISK - synchro, speed	4
7	90-7904T1	RING - retaining	4
8	SM832508	PIN - spring	16
9	90-7896T1	RING - retaining	1
10	S5070S00F	BEARING - needle	1
11	33-1830T1	SYNCHRONIZER - speed	2
12	S5090S00F	RING - retaining	4
13	90-8013T1	RING - retaining	1
14	90-7897T1	GEAR - drive, reverse speed	1
15	90-8014T1	RING - retaining	1
16	90-8015T1	BEARING - needle	1
17	90-7898T1	SHAFT - speed	1
18	90-7899T1	GEAR - drive, second speed	1
19	90-7900T1	GEAR - drive, third speed.....	1
20	90-7901T1	SPACER - third speed gear	1
21	33-1676T1	BEARING - tapered roller	1
	*90-8037T91	KIT - retaining ring, third shaft, includes one each of item 1 above marked with an asterisk	1



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Fifth Shaft Assembly

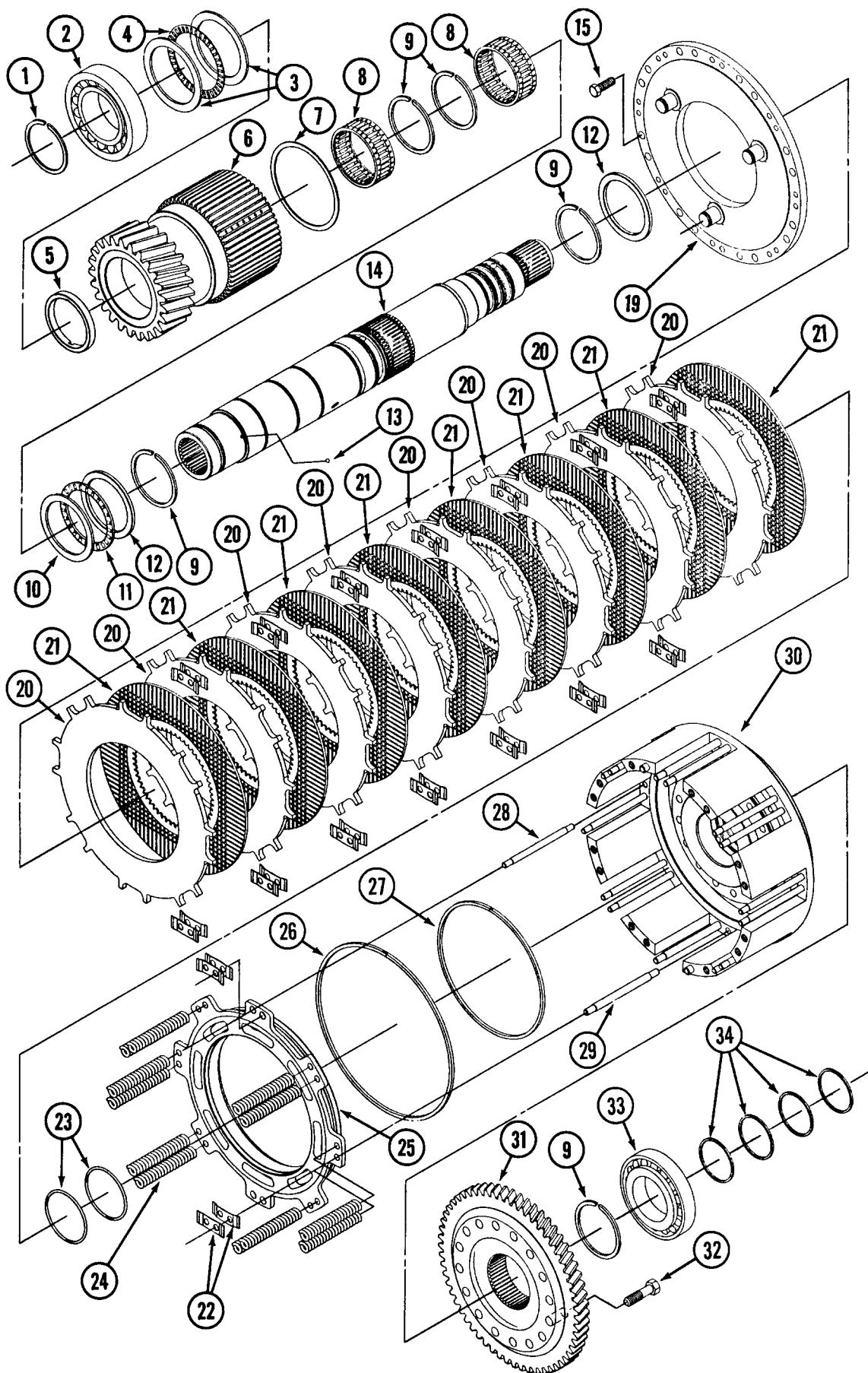
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
	90-7990T91	SHAFT ASSEMBLY - fifth	1
1	33-1708T1	BEARING - tapered roller	1
2	S5230S00F	WASHER - thrust	2
3	A75158	BEARING - thrust, replaces S5050S00F bearing	1
4	S5070S00F	BEARING - needle	2
5	90-7902T1	GEAR - driven, A range	1
6	90-7903T1	DISK - synchro, range	4
7	90-7904T1	RING - retaining	4
8	SM832508	PIN - spring	16
9	33-1831T1	SYNCHRONIZER - range	2
10	S5090S00F	RING - retaining	4
11	90-7905T1	GEAR - driven, B range	1
12	90-7906T1	SHAFT - output	1
13	90-7907T1	GEAR - driven, C range	1
14	90-7908T1	GEAR - driven, D range	1
15	33-1676T1	BEARING - tapered roller, shaft	1
16	** S4150S00F	RING - sealing	2
17	33-1695T1	PISTON - carrier, ring	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Fourth Shaft Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
	90-7986T91	SHAFT ASSEMBLY - fourth.....	1
1	*33-1823T1	RING - retaining, external, 2.5 mm.....	UAR
1	*33-1824T1	RING - retaining, external, 2.6 mm.....	UAR
1	*33-1825T1	RING - retaining, external, 2.7 mm.....	UAR
1	*33-1826T1	RING - retaining, external, 2.8 mm.....	UAR
1	*33-1827T1	RING - retaining, external, 2.9 mm.....	UAR
1	*33-1828T1	RING - retaining, external, 3.0 mm.....	UAR
2	33-1676T1	BEARING - tapered roller, shaft	2
3	90-7909T1	GEAR - drive, A range	1
4	90-7910T1	GEAR - driven, first speed	1
5	90-7911T1	SHAFT - center, fourth	1
6	90-7912T1	GEAR - drive, B range	1
7	90-7913T1	GEAR - driven, second speed	1
8	S5090S00F	RING - retaining	1
9	S5040S00F	RING - retaining	1
10	90-7914T1	GEAR - driven, third speed.....	1
11	90-7915T1	GEAR - driven, D range	1
*90-8038T91		KIT - retaining ring, fourth shaft, includes one each of item 1 above marked above with an asterisk.....	1

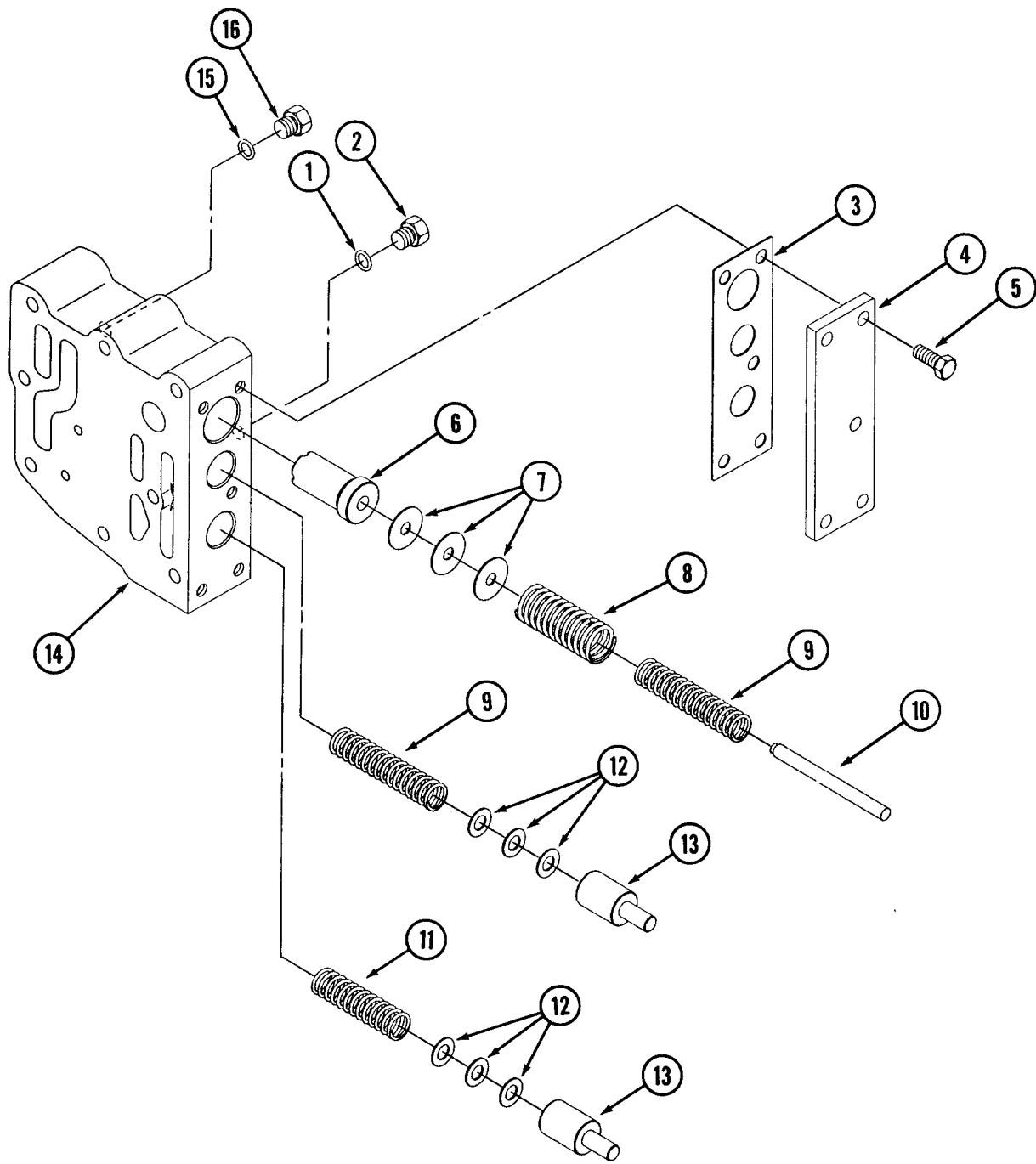


12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Input Shaft

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
	90-7943T91	SHAFT ASSEMBLY - input, 12 speed	1
1	*** 90-7916T1	RING - retaining, 2.5 mm	UAR
1	*** 90-7917T1	RING - retaining, 2.6 mm	UAR
1	*** 90-7918T1	RING - retaining, 2.7 mm	UAR
1	*** 90-7919T1	RING - retaining, 2.8 mm	UAR
2	90-7920T1	BEARING - tapered roller	1
3	90-7921T1	WASHER - thrust	2
4	90-7922T1	BEARING - thrust	1
5	90-7923T1	COLLAR - bearing	1
6	90-7924T1	GEAR - drive, input	1
7	33-1829T1	RING - retaining	1
8	S5070S00F	BEARING - needle	2
9	S5040S00F	RING - retaining	5
10	S5230S00F	WASHER - thrust	1
11	A75158	BEARING - thrust, replaces S5050S00F bearing	1
12	90-7925T1	WASHER - thrust	2
13	S14701960	BALL - steel	1
14	90-7926T1	SHAFT - input	1
15	514-721	BOLT - hex, 10 - 1.25 x 30 mm	14
19	90-7930T1	COVER - clutch	1
20	33-1783T3	PLATE - steel, 6.8 mm (0.268 inch), see note below	UAR
20	33-1784T3	PLATE - steel, 7.2 mm (0.283 inch), see note below	UAR
21	33-1663T1	PLATE - clutch, friction	8
22	33-1785T1	PLATE - separating, clutch	32
23	** 90-7931T1	O-RING - shaft	2
24	90-7932T1	SPRING - return	12
25	90-7933T1	PISTON - clutch, prior to P.I.N. JEE0071001	1
25	90-8389T1	PISTON - clutch, P.I.N. JEE0071001 and after	1
26	* 33-1662T1	RING - seal, large, prior to P.I.N. JEE0071001	1
26	** 90-8385T1	RING - seal, P.I.N. JEE0071001 and after	1
27	* S2630S00F	RING - sealing, prior to P.I.N. JEE0071001	1
27	** 90-8386T1	RING - seal, P.I.N. JEE0071001 and after	1
28	90-7934T1	PIN - guide, use with 90-7932T1 return spring, item 24	12
29	33-1659T1	PIN - guide, use with 33-1785T1 separating plate, item 22	4
30	90-7935T1	DRUM - clutch, prior to P.I.N. JEE0071001	1
30	90-8388T1	DRUM - clutch, P.I.N. JEE0071001 and after	1
31	90-7936T1	GEAR - drive, pump	1
32	514-831	BOLT - hex, 12 - 1.25 x 45 mm	16
33	90-7937T1	CONE - tapered roller bearing	1
34	90-7938T1	RING - seal	4
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1
	*** 90-8036T91	KIT - retaining ring, input shaft, includes one each of item 1	1

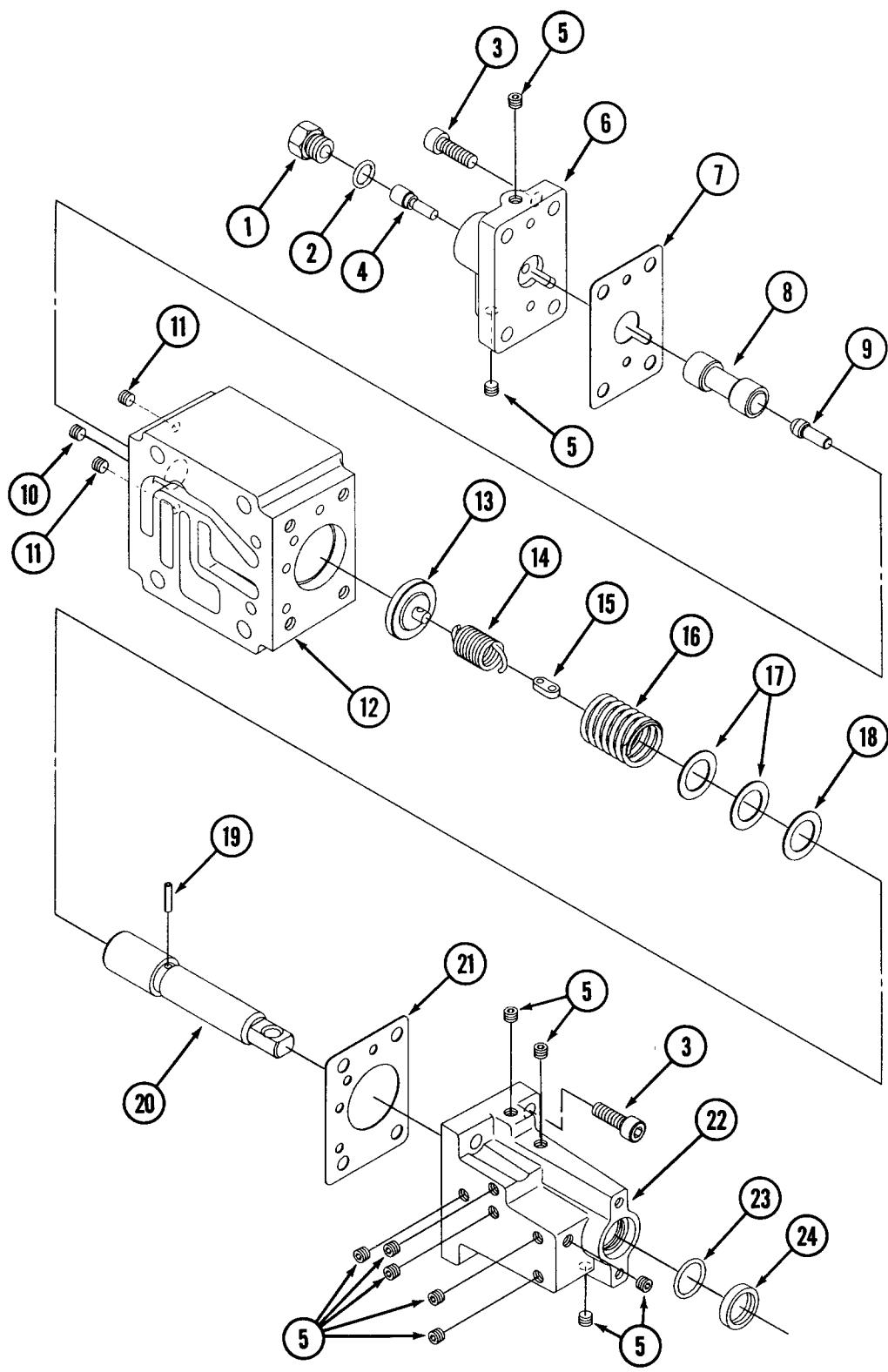
NOTE: Steel plates, item 20; a total of 8 pieces must be used.



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Regulator Valve

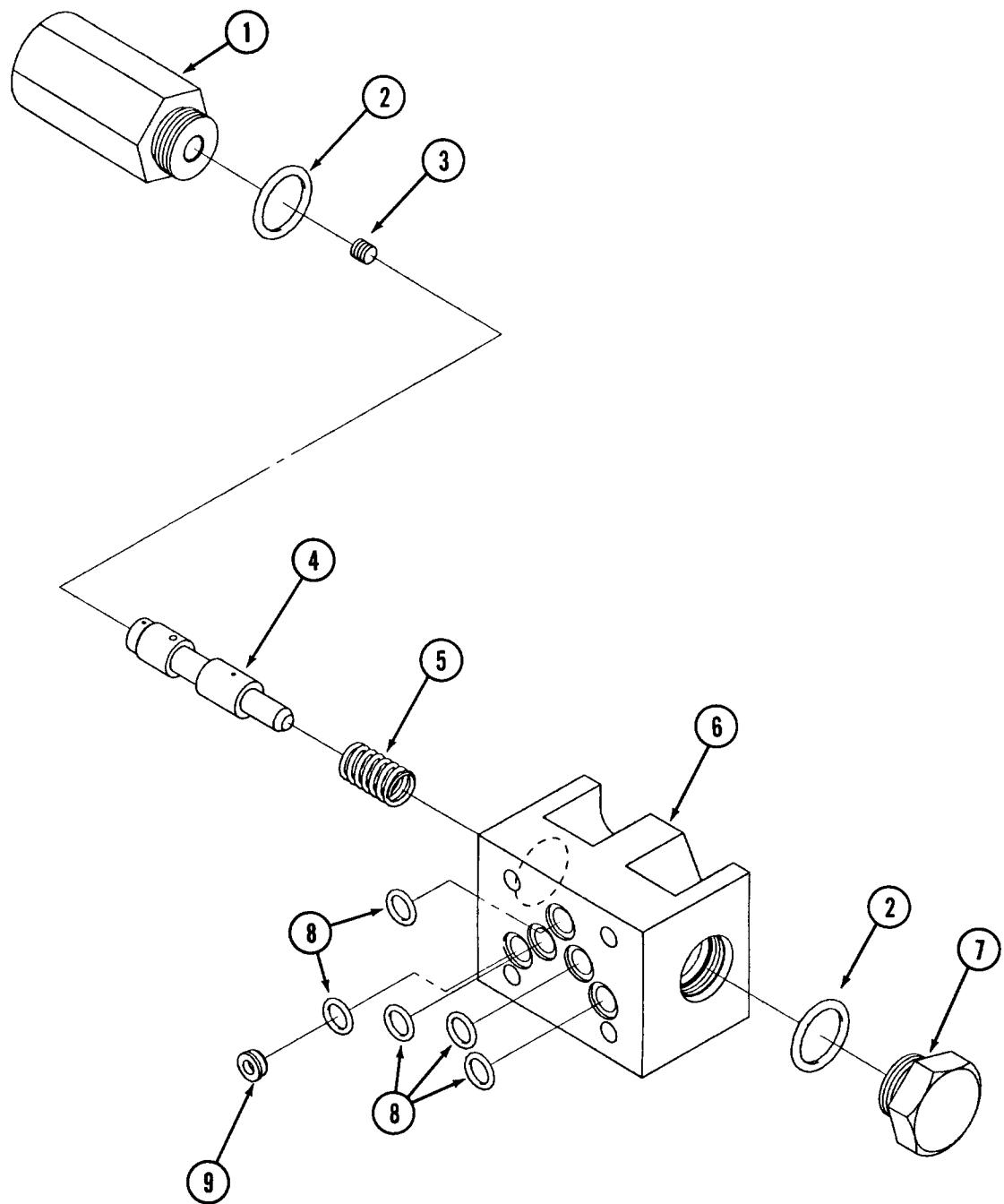
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
	S7000S01F	VALVE ASSEMBLY - regulator	1
1	**S1040S00F	O-RING - plug	1
2	S1030S00F	PLUG - hex, O-ring boss	1
3	**S7090S00F	GASKET - valve cover	1
4	S7110S00F	COVER - valve body	1
5	614-8020	BOLT - hex, full threads, 8 - 1.25 x 20 mm	5
6	S7030S01F	VALVE - regulator	1
7	S7010S00F	SHIM - .039 inch thick	UAR
8	S7120S00F	SPRING - compression	1
9	S7050S00F	SPRING - compression	2
10	S7020S00F	ROD - pressure	1
11	S7070S00F	SPRING - compression	1
12	S7080S00F	SHIM - .031 inch thick	UAR
13	S7060S00F	VALVE - lube	2
14	S7000S01F	VALVE ASSEMBLY - regulator, replaces S7040S00F body	1
15	**S1320S00F	O-RING - plug	1
16	S1390S00F	PLUG - O-ring boss	1
	*90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	**90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Control Valve

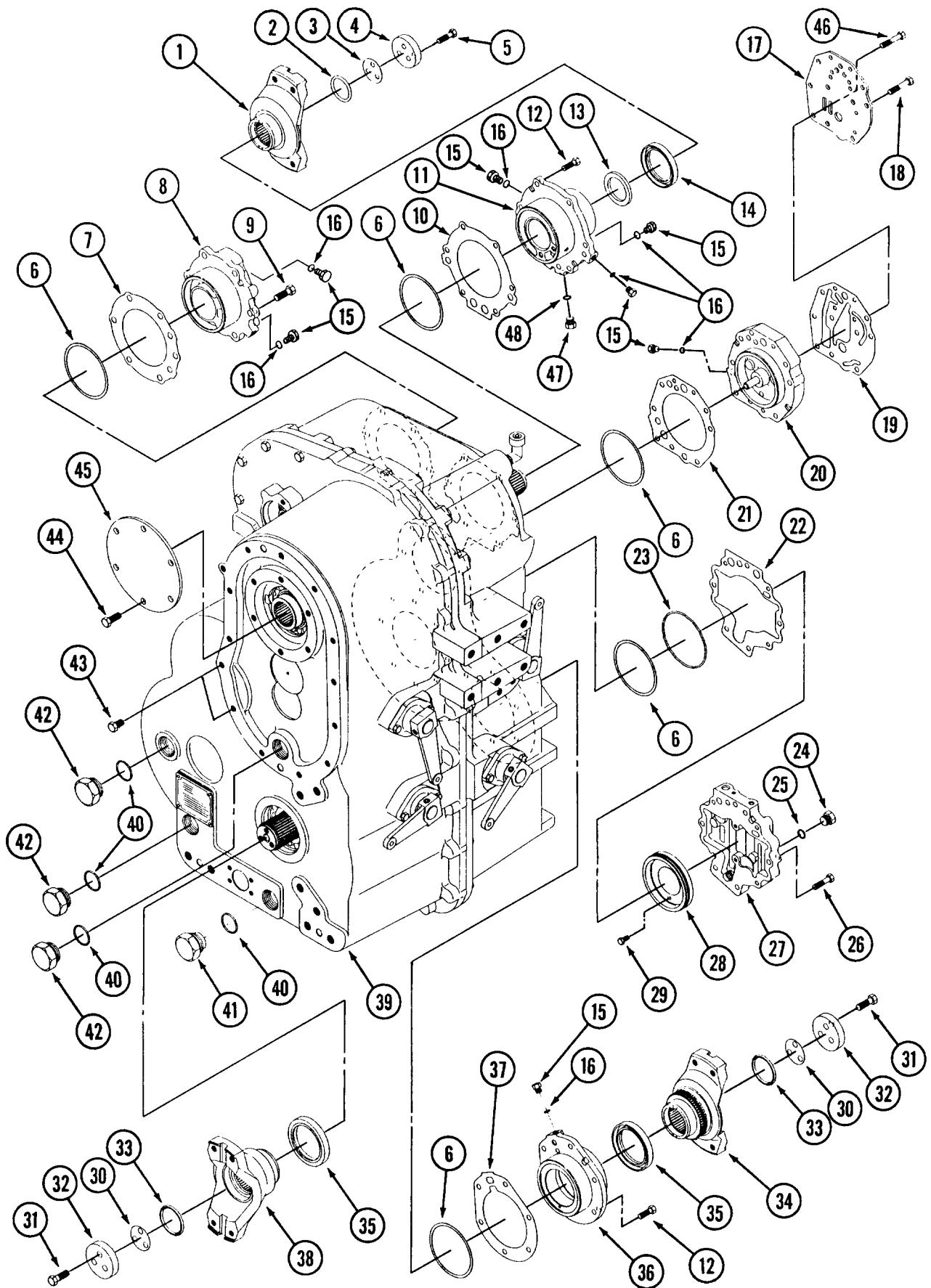
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	90-8200T91	VALVE ASSEMBLY - control	1
2	S6170S00F	PLUG - hex, valve.....	1
2	** S6180S00F	O-RING - plug.....	1
3	S6260S00F	BOLT - socket head, special.....	8
4	S6010S00F	SPOOL - reducing.....	1
5	S6220S00F	PLUG - valve.....	11
6	S6020S00F	COVER - valve	1
7	** S6030S00F	GASKET - valve cover	1
8	S6040S00F	SPOOL - modulator	1
9	S6160S00F	POPPET - spool, valve.....	1
10	S6240S00F	PLUG - orifice	1
11	S6230S00F	PLUG - orifice	2
12	90-8016T1	BODY - control valve	1
13	S6060S00F	SEAT - spring	1
14	90-8199T1	SPRING - tension	1
15	S6080S00F	LINK - connecting	1
16	S6150S00F	SPRING - compression.....	1
17	S6140S00F	SHIM - 30 x 1.0 mm thick	UAR
18	S6200S00F	SPACER - 31 x 1.2 mm thick	1
19	S6130S00F	PIN - roll	1
20	S6100S00F	STEM - control	1
21	** 90-8017T1	GASKET - cover	1
22	90-8018T1	COVER - control stem	1
23	** S6120S00F	O-RING - control stem	1
24	** S6110S00F	SEAL - control stem	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1



12 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Lock Out Valve

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7775T91	TRANSMISSION ASSEMBLY - mechanical shift, parts list pages 6-35 through 6-65	1
1	90-8009T91	VALVE ASSEMBLY - lock out	1
2	** 90-8152T1	PLUG - hex cap	1
3	90-8021T1	O-RING - plug	2
4	90-8153T1	PLUG - orifice, lock out valve	1
5	90-8154T1	SPOOL - lock out valve	1
6	90-8019T1	SPRING - return	1
7	90-8155T1	BODY - lock out valve	1
8	** 90-8020T1	PLUG - port	1
9	90-8156T1	O-RING - seal	5
	* 90-7927T92	PLUG - orifice	1
	** 90-8401T91	KIT - gasket, transmission, includes all items with an asterisk on pages 6-35 through 6-65, prior to P.I.N. JEE0071001	1
		KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-35 through 6-65, P.I.N. JEE0071001 and after	1

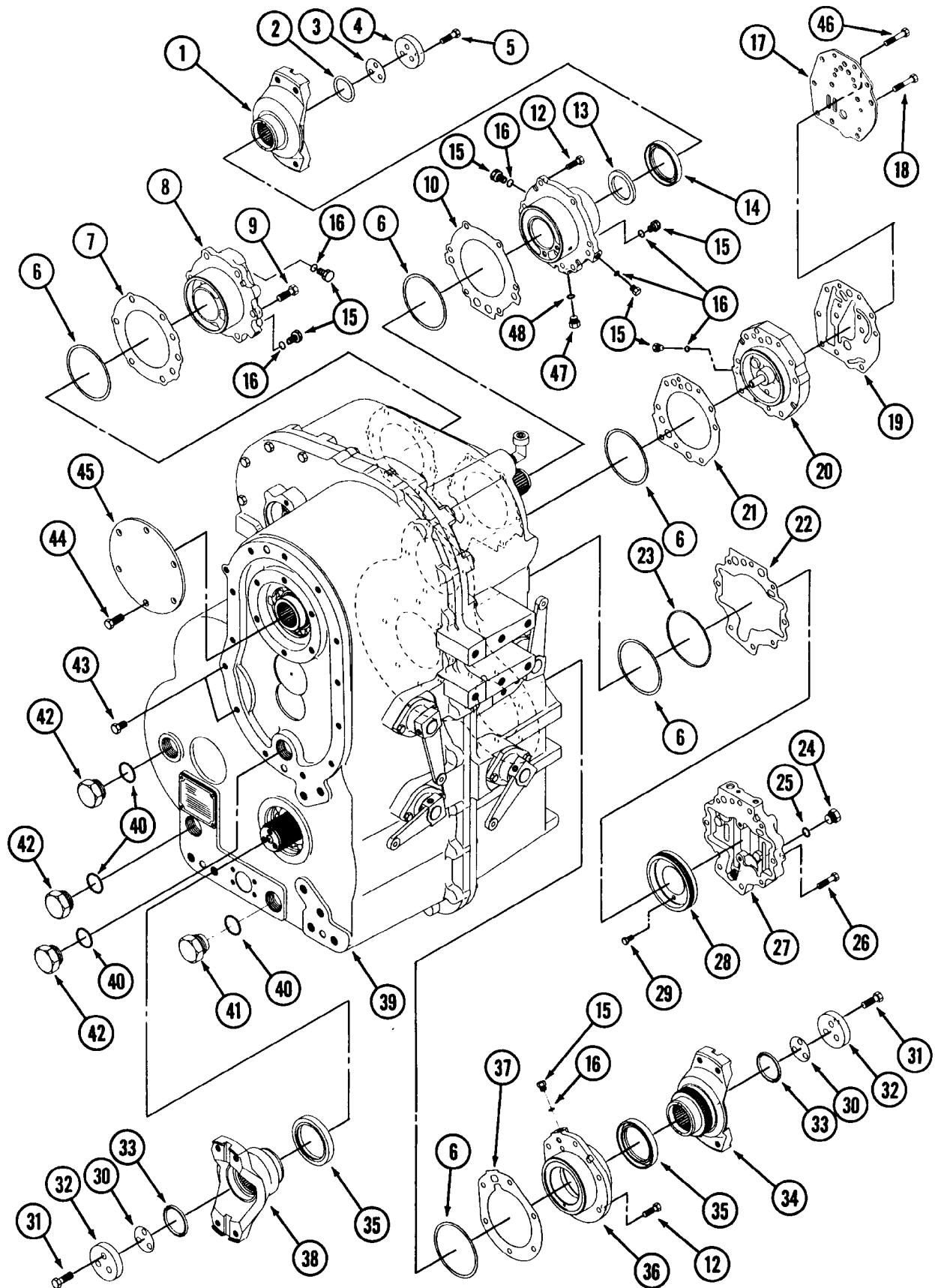


24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Pump Mounting, Covers and Yokes

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
1	33-1410T1	YOKES - input	1
2	**33-1414T1	O-RING - yoke sealing	1
3	90-8253T1	SHIM - 0.10 mm (0.004 inch) thick	UAR
3	90-8254T1	SHIM - 0.30 mm (0.012 inch) thick	UAR
3	90-8255T1	SHIM - 0.70 mm (0.028 mm) thick	UAR
4	90-8256T1	PLATE - yoke retainer	1
5	514-929	BOLT - hex, 14 - 1.5 x 35 mm, class 10.9	3
6	33-1631T1	SHIM - 0.10 mm (0.004 inch) thick	UAR
6	33-1632T1	SHIM - 0.15 mm (0.006 inch) thick	UAR
6	33-1633T1	SHIM - 0.30 mm (0.012 inch) thick	UAR
6	33-1634T1	SHIM - 0.51 mm (0.020 inch) thick	UAR
6	33-1635T1	SHIM - 0.71 mm (0.028 inch) thick	UAR
7	**90-7991T1	GASKET - bearing retainer	1
8	90-8257T1	RETAINER - bearing	1
9	514-832	BOLT - hex, 12 - 1.25 x 35 mm	6
10	**90-7993T1	GASKET - bearing retainer, input shaft	1
11	90-8258T1	RETAINER - bearing	1
12	514-721	BOLT - hex, 10 - 1.25 x 30 mm	12
13	33-1636T1	WASHER - retrainer, seal	1
14	**33-1412T1	SEAL - input yoke	1
15	S1030S00F	PLUG - hex, O-ring boss	7
16	**S1040S00F	O-RING - plug	9
17	90-7995T1	PLATE - retainer cover	1
18	514-720	BOLT - hex, 10 - 1.25 x 50 mm	5
19	**90-7996T1	GASKET - cover plate	1
20	90-7997T1	RETAINER - bearing, third shaft	1
21	**90-7998T1	GASKET - bearing retainer, third shaft	1
22	**90-7999T1	GASKET - ditch plate	1
23	**33-1620T1	O-RING - retainer	1
24	S1210S00F	PLUG - hex, O-ring boss	1
25	**S1200S00F	O-RING - plug	1
	*90-7927T92	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	**90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1

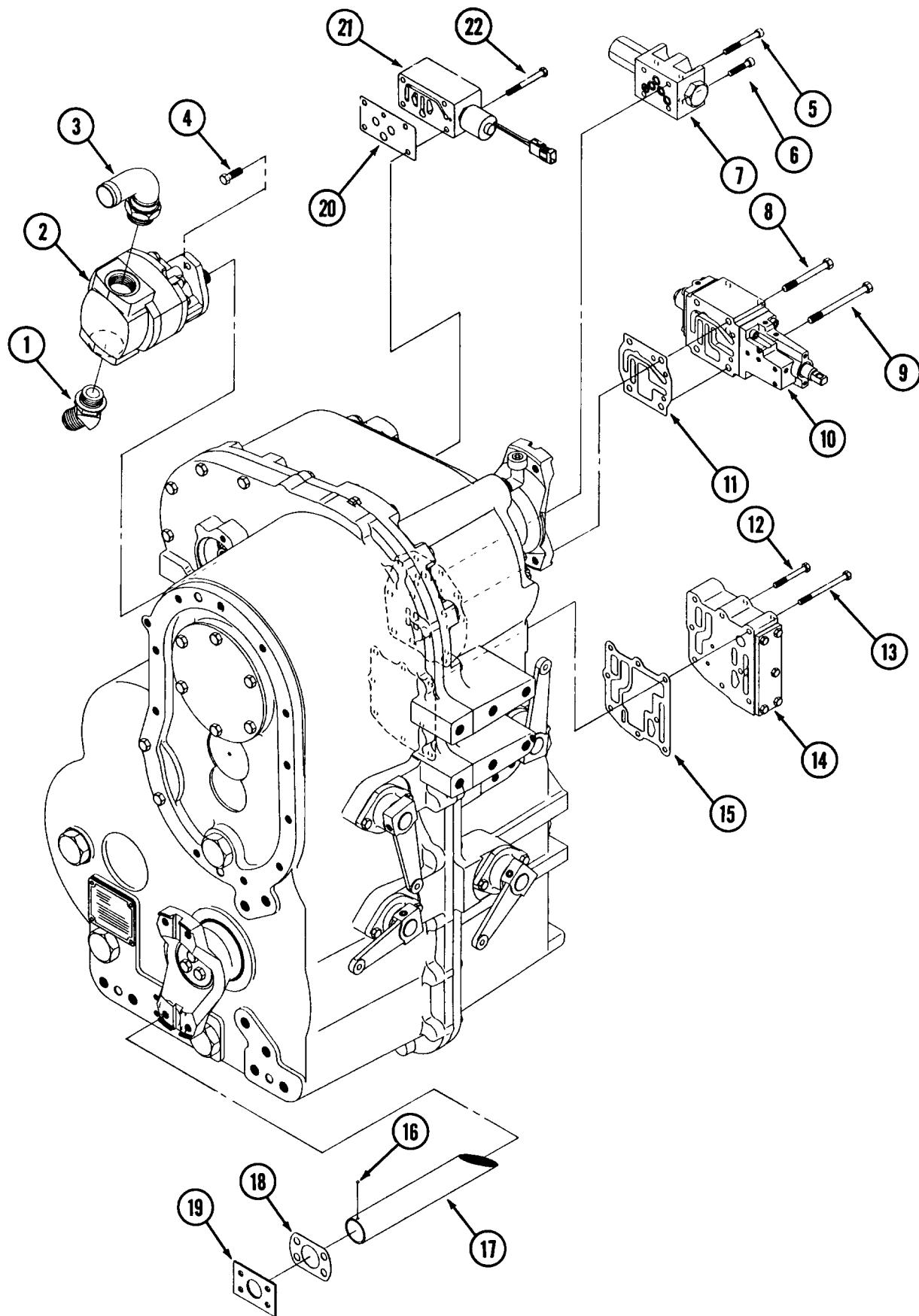
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24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Pump Mounting, Covers and Yokes

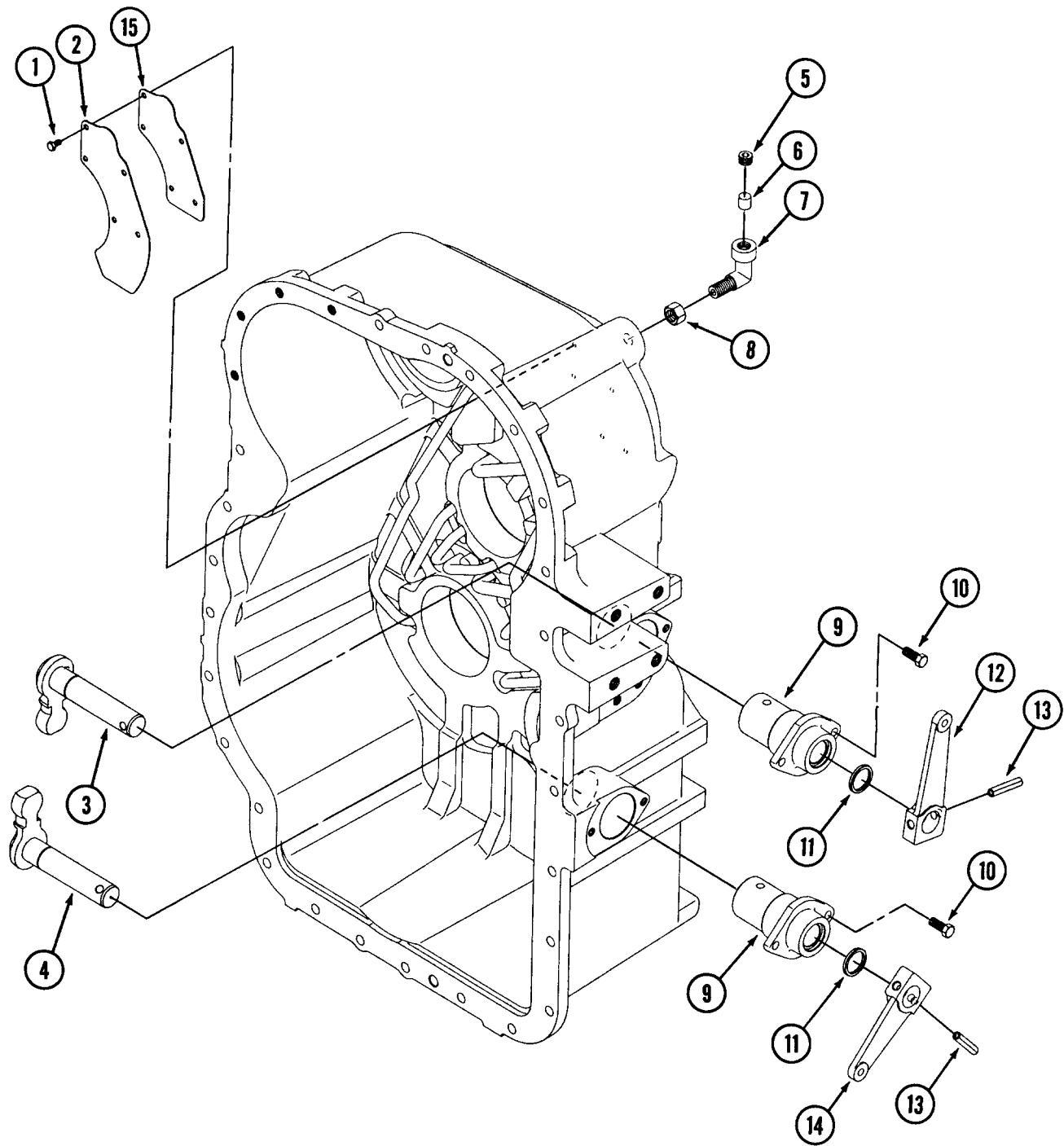
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101, continued	1
26	514-718	BOLT - hex, 10 - 1.25 x 40 mm	5
27	90-8000T1	PLATE - ditch	1
28	90-8001T1	RETAINER - bearing, fourth shaft	1
29	614-8016	BOLT - hex, full threads, 8 - 1.25 x 16 mm	2
30	33-1450T1	SHIM - 0.10 mm thick.	UAR
30	33-1451T1	SHIM - 0.30 mm thick.	UAR
31	514-832	BOLT - hex, 12 - 1.25 x 35 mm	6
32	33-1432T1	PLATE - retainer.	2
33	** 33-1422T1	O-RING - yoke sealing.	2
34	33-1429T1	YOKE - output	1
35	** 33-1428T1	SEAL - output shaft	2
36	90-8002T1	RETAINER - bearing, fifth shaft	1
37	** 90-8003T1	GASKET - bearing retainer, fifth shaft	1
38	90-8004T1	YOKE - output, rear, 8C	1
39	90-7987T1	HOUSING - rear, transmission.	1
40	** S1080S00F	O-RING - plug	4
41	S1090S00F	PLUG - magnetic	1
42	S1010S00F	PLUG - O-ring boss	3
43	514-841	BOLT - hex, 12 - 1.25 x 20 mm	2
44	514-834	BOLT - hex, 12 - 1.25 x 30 mm	6
45	33-1619T2	COVER - end, used on models without PTO	1
46	514-738	BOLT - hex, 10 - 1.25 x 45 mm	1
47	S1390S00F	PLUG - O-ring boss	1
48	* S1320S00F	O-RING - plug	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Valve and Lubrication Mounting

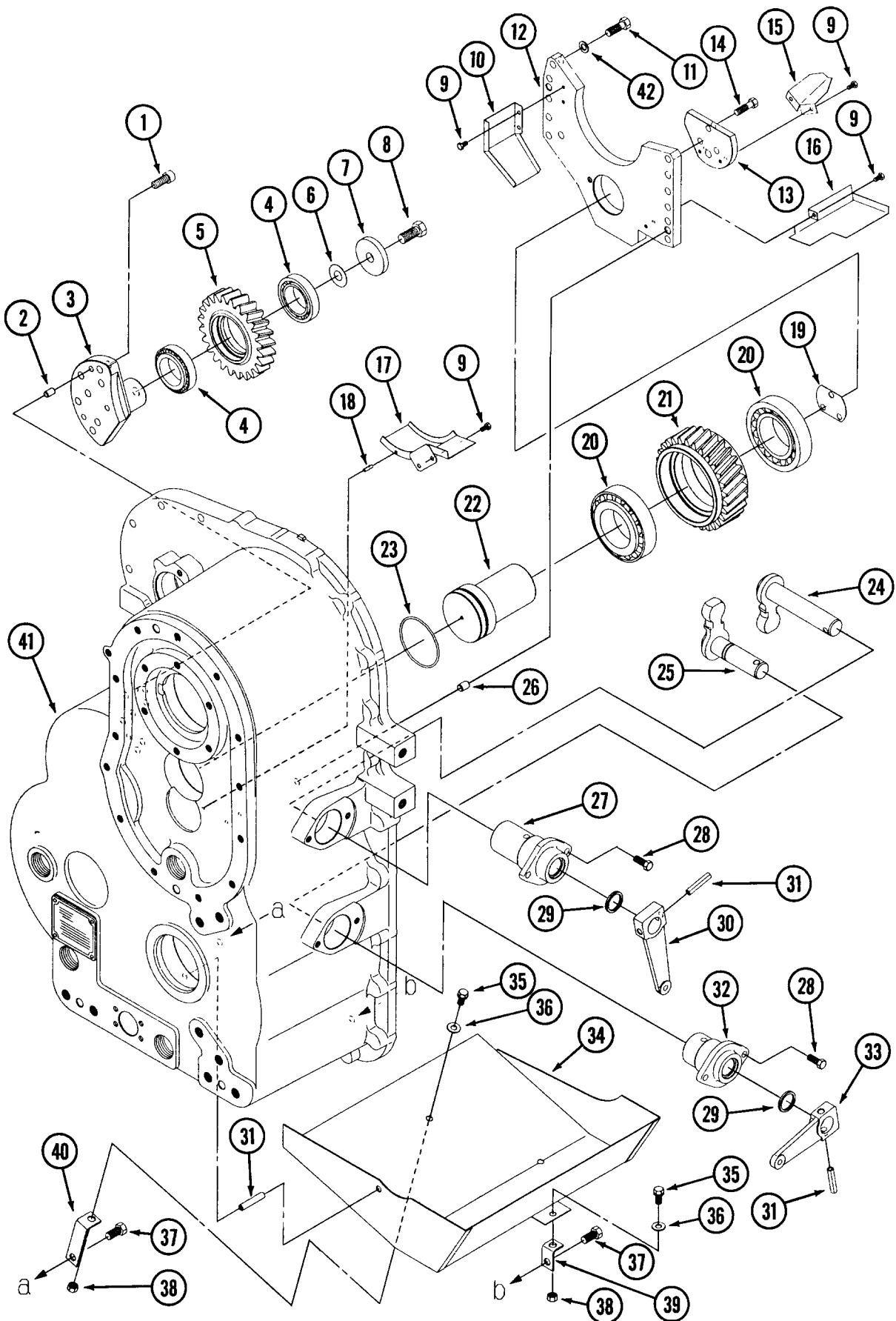
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
1	218-5140	ELBOW - 45 degree, 1-5/16-12 inch flare x adj O-ring boss	1
2	***33-1874T91	PUMP - lubrication, component parts not serviced separately.	1
3	31-1394	ELBOW - hose stem, special	1
4	514-721	BOLT - hex, 10 - 1.25 x 30 mm	2
5	90-8007T1	BOLT - socket head, special	2
6	90-8008T1	BOLT - socket head, special	2
7	90-8009T91	VALVE ASSEMBLY - lock out, parts list page 6-101	1
8	514-729	BOLT - hex, 10 - 1.25 x 90 mm, class 8.8	2
9	514-739	BOLT - hex, 10 - 1.25 x 120 mm, class 8.8	2
10	90-8200T91	VALVE ASSEMBLY - control, parts list page 6-99.	1
11	**90-8012T1	GASKET - control valve	1
12	614-8065	BOLT - hex, full threads, 8 - 1.25 x 65 mm	5
13	614-8100	BOLT - hex, full threads, 8 - 1.25 x 100 mm	3
14	S7000S01F	VALVE ASSEMBLY - regulator, parts list page 6-97	1
15	**S1150S02F	GASKET - regulator valve	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1
	*** 90-8261T91	KIT - O-ring, lubrication pump, includes gasket not used with this pump	1



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Front Housing, Shift Levers and Breather

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
1	614-6012	BOLT - hex, full threads, 6 - 1.0 x 12 mm	2
2	90-7982T1	BAFFLE - breather	1
3	90-7983T1	LEVER - shift, second and third speed, inner	1
4	90-7984T1	LEVER - shift, C and D range, inner	1
5	33-1761T1	PLUG - taper	1
6	33-1454T1	FILTER - breather	1
7	33-1455T1	ELBOW - 90 degree, breather filter	1
8	SM8911246	NUT - hex, 16 mm - 1.5	1
9	90-7985T1	HOLDER - lever	2
10	514-712	BOLT - hex, 10 - 1.25 x 25 mm	4
11	** 33-1727T1	SEAL - holder	2
12	90-7975T1	LEVER - shift, speed, outer	1
13	SM831050	PIN - spring	2
14	90-7977T1	LEVER - shift, range, outer	1
15	** 90-8259T1	GASKET - valve, control, hi-low, replaces 90-8006T1	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1

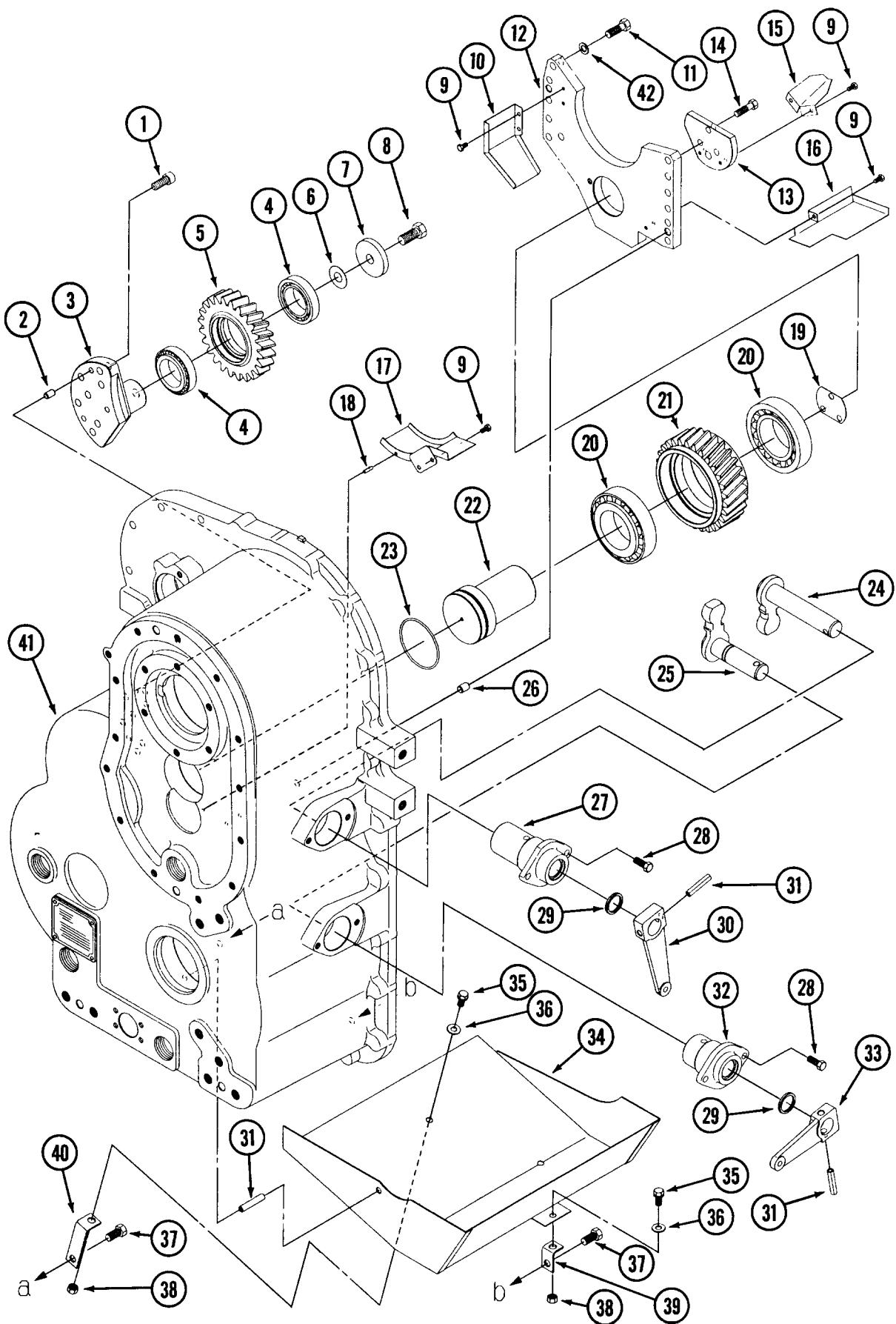


24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Rear Housing, Shift Levers and Baffles

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
1	33-1767T1	BOLT - socket head, special	7
2	33-1807T1	PIN - dowel	2
3	90-8157T1	SHAFT - idler, reverse	1
4	90-7953T1	BEARING - tapered roller	2
5	90-7954T1	GEAR - idler, reverse	1
6	S9950S00F	SHIM - 0.1 mm thick	UAR
6	S9960S00F	SHIM - 0.3 mm thick	UAR
6	S9970S00F	SHIM - 0.51 mm thick	UAR
6	S9980S00F	SHIM - 0.71 mm thick	UAR
7	33-1693T1	PLATE - retainer	1
8	514-1021	BOLT - hex, 16 - 1.5 x 35 mm, class 10.9	1
9	614-6012	BOLT - hex, full threads, 6 - 1.0 x 12 mm	7
10	90-7955T1	GUTTER - input	1
11	514-832	BOLT - hex, 12 - 1.25 x 35 mm	12
12	90-7957T1	PLATE - support	1
13	90-7958T1	COVER - idler shaft	1
14	514-730	BOLT - hex, 10 - 1.25 x 35 mm	3
15	90-7959T1	GUTTER - bearing	1
16	90-7960T1	GUTTER - gear, second speed	1
17	90-7961T1	GUTTER - gear, first speed	1
18	90-7962T1	PIN - roll	1
19	90-7963T1	SHIM - 0.1 mm thick	UAR
19	90-7964T1	SHIM - 0.15 mm thick	UAR
19	90-7965T1	SHIM - 0.3 mm thick	UAR
19	90-7966T1	SHIM - 0.7 mm thick	UAR
20	90-7920T1	BEARING - tapered roller	2
21	90-7968T1	GEAR - idler	1
22	90-7969T1	SHAFT - idler	1
23	** 90-7970T1	O-RING - shaft	1
24	90-7971T1	LEVER - shift, first-reverse speed, inner	1
25	90-7972T1	LEVER - shift, A-B range, inner	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1

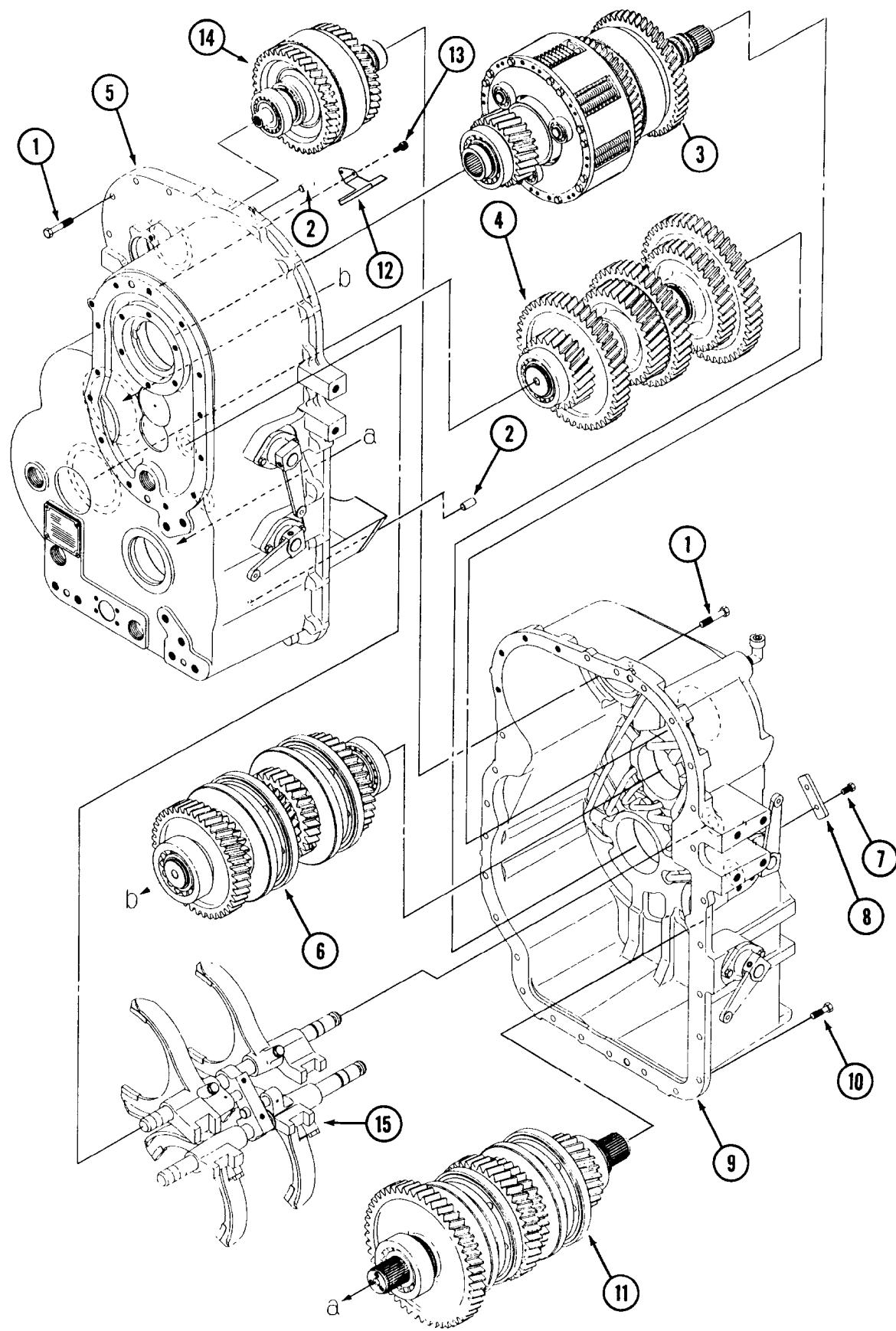
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24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

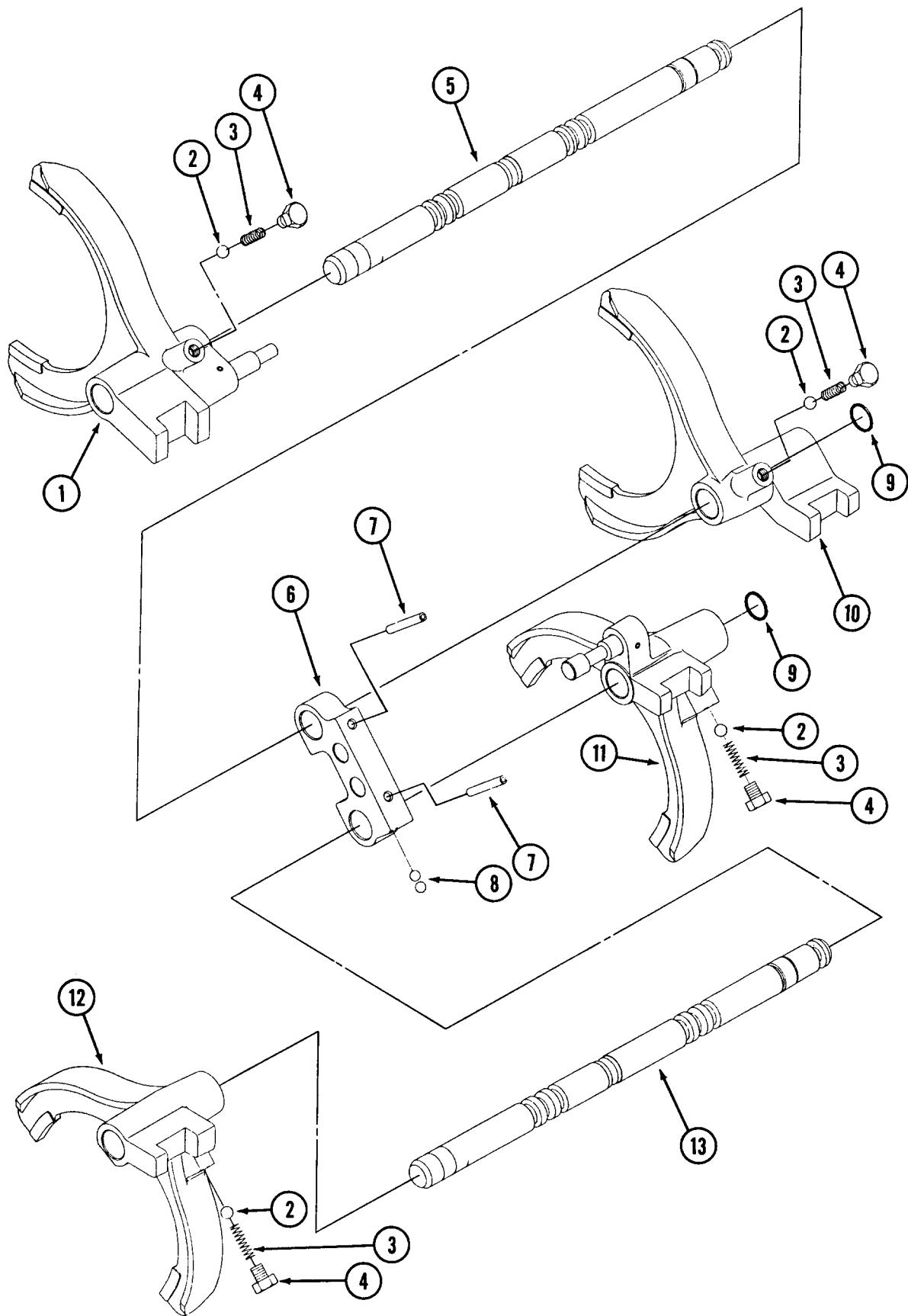
Rear Housing, Shift Levers and Baffles

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101, continued	1
26	90-7973T1	PIN - dowel.....	2
27	90-7974T1	HOLDER - lever, first-reverse speed	1
28	514-712	BOLT - hex, 10 - 1.25 x 25 mm	4
29	** 33-1727T1	SEAL - holder.....	2
30	90-7975T1	LEVER - shift, speed, outer	1
31	SM831050	PIN - spring	3
32	90-7976T1	HOLDER - lever, A-B range	1
33	90-7977T1	LEVER - shift, range, outer	1
34	90-7978T1	PAN - oil	1
35	514-703	BOLT - hex, 10 - 1.25 x 20 mm	2
36	895-11010	WASHER - flat, 11 x 20 x 2 mm.....	2
37	514-842	BOLT - hex, 12 - 1.25 x 25 mm	2
38	825-11410	NUT - hex, 10 mm - 1.25	2
39	90-7979T1	BRACKET - oil pan, left-hand.....	1
40	90-7980T1	BRACKET - oil pan, right-hand	1
41	90-7987T1	HOUSING - rear, transmission.....	1
42	90-7948T1	WASHER - wave	12
* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1	
** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1	



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY
Oil Gutter, Shaft Assemblies and Shifter Assembly

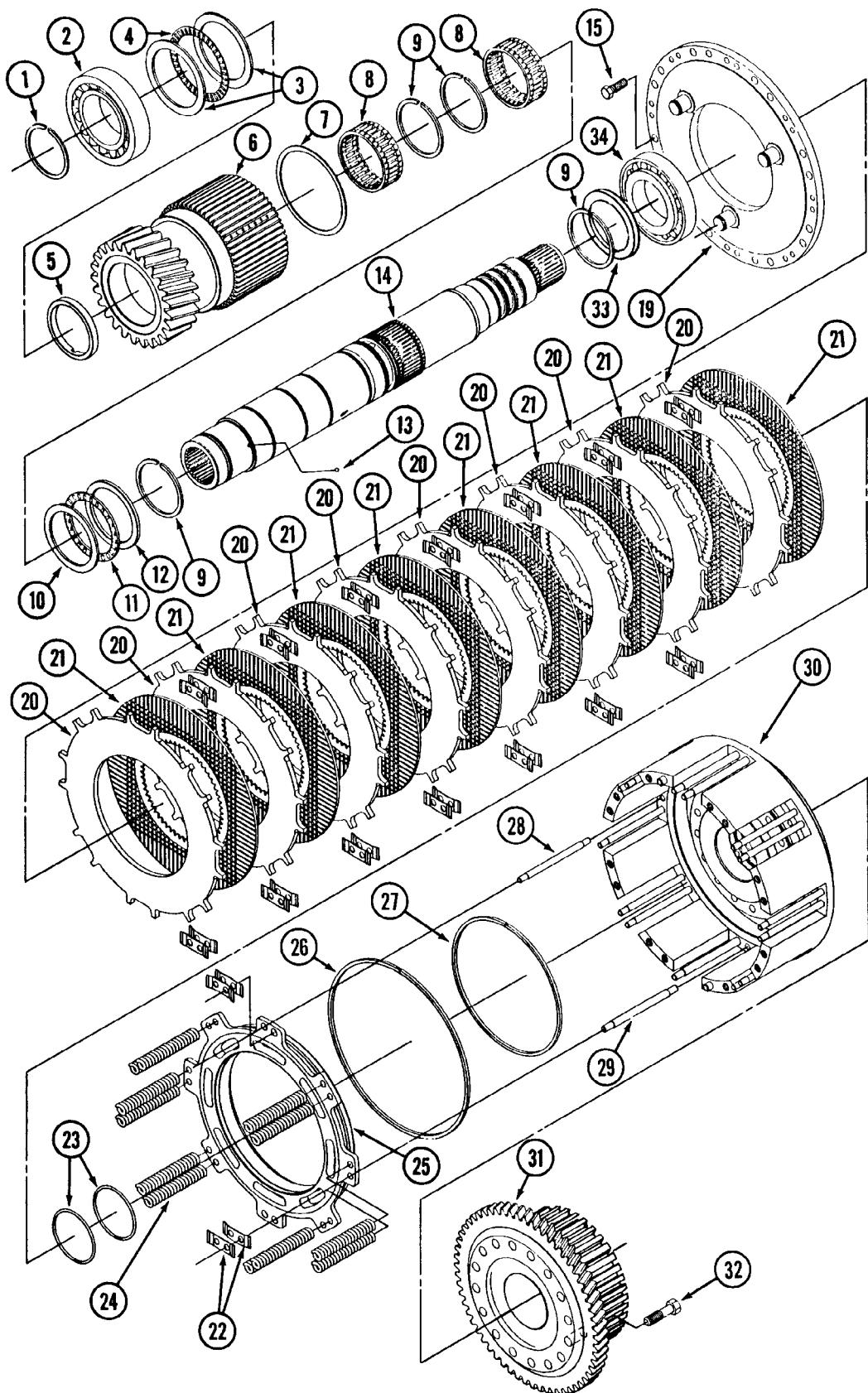
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
1	514-843	BOLT - hex, 12 - 1.25 x 60 mm	13
2	33-1467T1	PIN - dowel.	2
3	90-8252T91	SHAFT ASSEMBLY - input, parts list pages 6-83 - 6-87	1
4	90-7986T91	SHAFT ASSEMBLY - fourth, parts list page 6-93	1
5	90-7987T1	HOUSING - rear, transmission.	1
6	90-7988T91	SHAFT ASSEMBLY - third, parts list page 6-91	1
7	514-703	BOLT - hex, 10 - 1.25 x 20 mm	2
8	33-1746T1	PLATE - lock	1
9	90-8422T1	HOUSING - front, transmission	1
10	514-830	BOLT - hex, 12 - 1.25 x 40 mm	16
11	90-7990T91	SHAFT ASSEMBLY - fifth, parts list page 6-95	1
12	33-1812T1	LIP - oil, reverse gear.	1
13	614-6012	BOLT - hex, full threads, 6 - 1.0 x 12 mm	2
14	90-8251T91	SHAFT ASSEMBLY - pump drive, parts list page 6-89	1
15	90-7944T1	FORK - shift, first-reverse, see page 6-81 for additional parts	1
15	90-7949T1	FORK - shift, second-third speeds, see page 6-81 for additional parts	1
15	90-7950T1	FORK - shift, C-D ranges, see page 6-81 for additional parts	1
15	90-7951T1	FORK - shift, A-B ranges, see page 6-81 for additional parts	1



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Shifter Fork Assembly

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
1	90-7944T1	FORK - shift, first-reverse.	1
2	33-1757T1	BALL - steel, fork detent.	4
3	33-1786T1	SPRING - detent ball	4
4	33-1759T1	PLUG - detent spring	4
5	90-7945T1	ROD - shift, speed	1
6	90-7946T1	PLATE - interlock	1
7	90-7947T1	PIN - spring	2
8	33-1756T1	BALL - steel	2
9	** 33-1745T1	O-RING - seal, fork.	2
10	90-7949T1	FORK - shift, second-third speeds	1
11	90-7950T1	FORK - shift, C-D ranges	1
12	90-7951T1	FORK - shift, A-B ranges	1
13	90-7952T1	ROD - shift, range	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1

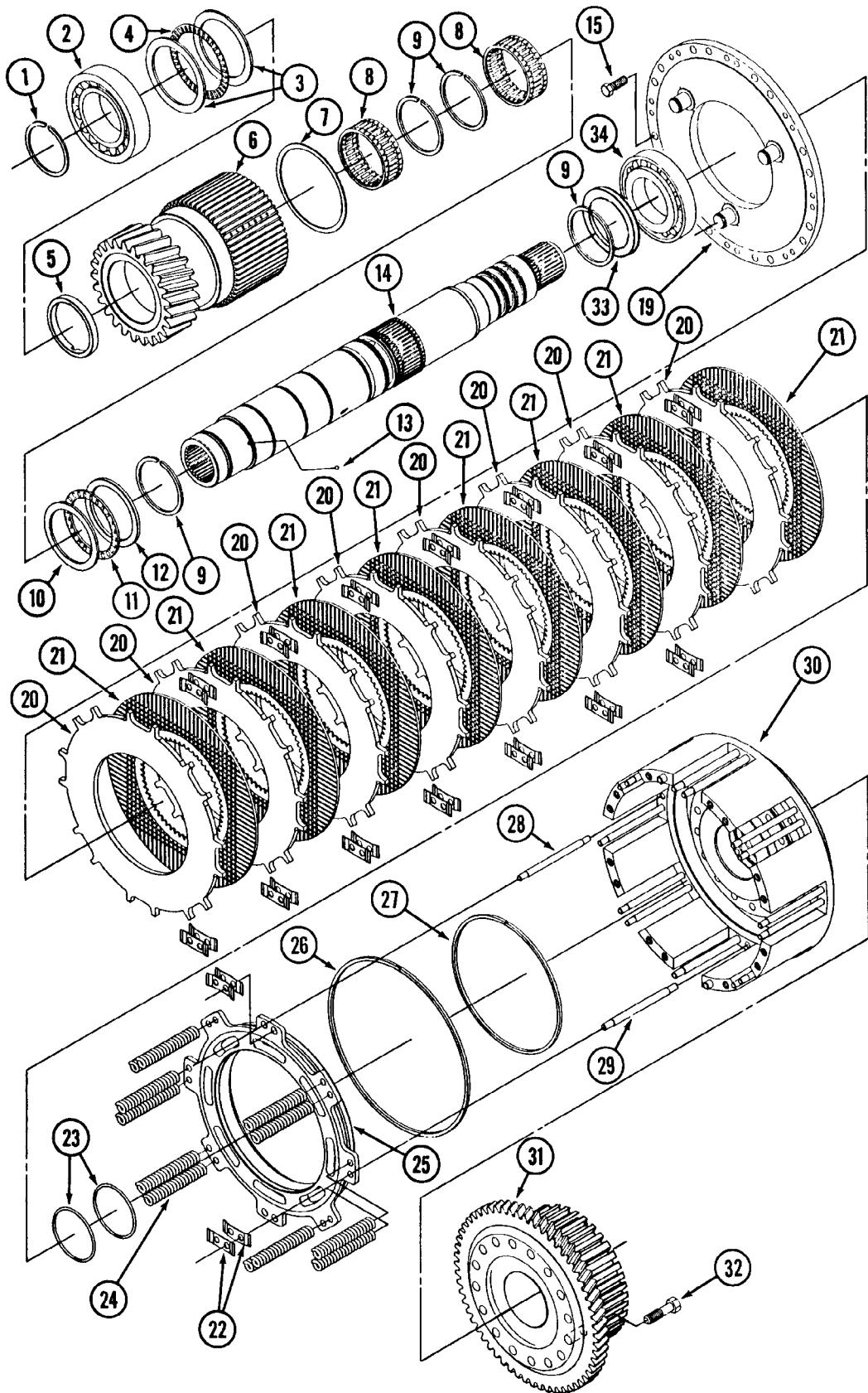


24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Input Shaft

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
	90-8252T91	SHAFT ASSEMBLY - input	1
1	*** 90-7916T1	RING - retaining, 2.5 mm	UAR
1	*** 90-7917T1	RING - retaining, 2.6 mm	UAR
1	*** 90-7918T1	RING - retaining, 2.7 mm	UAR
1	*** 90-7919T1	RING - retaining, 2.8 mm	UAR
2	90-7920T1	BEARING - tapered roller	1
3	90-7921T1	WASHER - thrust	2
4	90-7922T1	BEARING - thrust	1
5	90-7923T1	COLLAR - bearing	1
6	90-8203T1	GEAR - drive, input	1
7	33-1829T1	RING - retaining	1
8	90-8204T1	BEARING - needle	2
9	S5040S00F	RING - retaining	5
10	S5230S00F	WASHER - thrust	1
11	A75158	BEARING - thrust, replaces S5050S00F bearing	1
12	90-7925T1	WASHER - thrust	2
13	S14701960	BALL - steel	1
14	90-8205T1	SHAFT - input	1
15	514-721	BOLT - hex, 10 - 1.25 x 30 mm	14
19	90-7930T1	COVER - clutch	1
20	33-1783T3	PLATE - steel, 6.8 mm (0.268 inch), see note below	UAR
20	33-1784T3	PLATE - steel, 7.2 mm (0.283 inch), see note below	UAR
21	33-1663T1	PLATE - clutch, friction	8
22	33-1785T1	PLATE - separating, clutch	32
23	** S4410S00F	RING - piston, shaft	2
24	90-7932T1	SPRING - return	12
25	90-7933T1	PISTON - clutch, prior to P.I.N. JEE0071001	1
25	90-8389T1	PISTON - clutch, P.I.N. JEE0071001 and after	1
26	* 33-1662T1	RING - seal, large, prior to P.I.N. JEE0071001	1
26	** 90-8385T1	RING - seal, P.I.N. JEE0071001 and after	1
27	* S2630S00F	RING - sealing, prior to P.I.N. JEE0071001	1
27	** 90-8386T1	RING - seal, P.I.N. JEE0071001 and after	1
28	90-7934T1	PIN - guide, use with 90-7932T1 return spring, item 24	12
29	33-1659T1	PIN - guide, use with 33-1785T1 separating plate, item 22	4
30	90-8231T1	DRUM - clutch, prior to P.I.N. JEE0071001	1
30	90-8387T1	DRUM - clutch, P.I.N. JEE0071001 and after	1
31	90-8232T1	GEAR - driven, pump	1
32	514-718	BOLT - hex, 10 - 1.25 x 40 mm	16
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1
	*** 90-8036T91	KIT - retaining ring, input shaft, includes one each of item 1 above marked with an asterisk	1

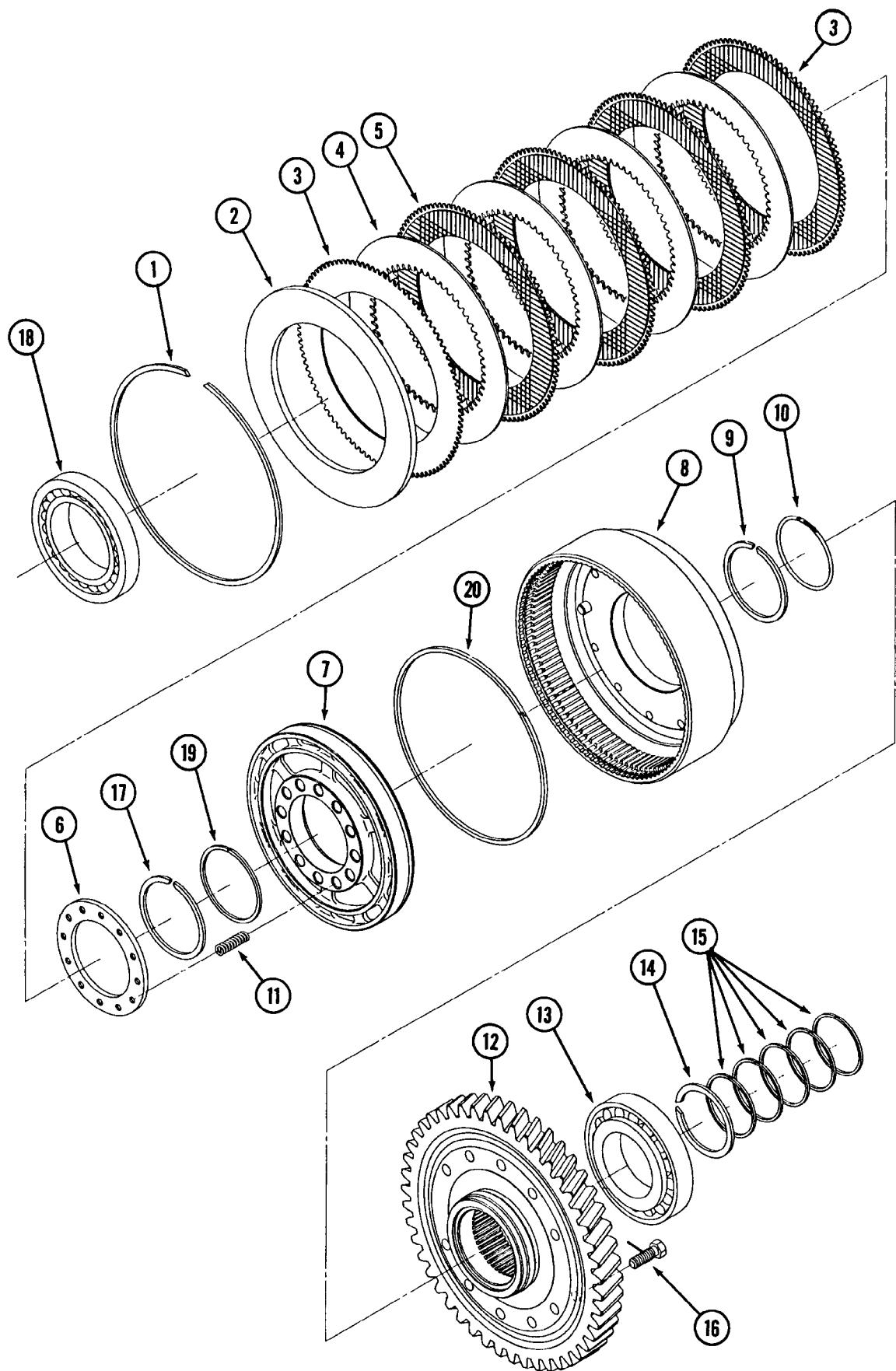
NOTE: Steel plates, item 20; a total of 8 pieces must be used.



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Input Shaft

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101, continued	1
	90-8252T91	SHAFT ASSEMBLY - input, continued.....	1
33	90-8206T1	WASHER - thrust, 5.05 mm	UAR
33	90-8207T1	WASHER - thrust, 5.10 mm	UAR
33	90-8208T1	WASHER - thrust, 5.15 mm	UAR
33	90-8209T1	WASHER - thrust, 5.20 mm	UAR
33	90-8210T1	WASHER - thrust, 5.25 mm	UAR
33	90-8211T1	WASHER - thrust, 5.30 mm	UAR
33	90-8212T1	WASHER - thrust, 5.35 mm	UAR
33	90-8213T1	WASHER - thrust, 5.40 mm	UAR
33	90-8214T1	WASHER - thrust, 5.45 mm	UAR
33	90-8215T1	WASHER - thrust, 5.50 mm	UAR
33	90-8216T1	WASHER - thrust, 5.55 mm	UAR
33	90-8217T1	WASHER - thrust, 5.60 mm	UAR
33	90-8218T1	WASHER - thrust, 5.65 mm	UAR
33	90-8219T1	WASHER - thrust, 5.70 mm	UAR
33	90-8220T1	WASHER - thrust, 5.75 mm	UAR
33	90-8221T1	WASHER - thrust, 5.80 mm	UAR
33	90-8222T1	WASHER - thrust, 5.85 mm	UAR
33	90-8223T1	WASHER - thrust, 5.90 mm	UAR
33	90-8224T1	WASHER - thrust, 5.95 mm	UAR
33	90-8225T1	WASHER - thrust, 6.00 mm	UAR
33	90-8226T1	WASHER - thrust, 6.05 mm	UAR
33	90-8227T1	WASHER - thrust, 6.10 mm	UAR
33	90-8228T1	WASHER - thrust, 6.15 mm	UAR
33	90-8229T1	WASHER - thrust, 6.20 mm	UAR
34	90-8230T1	BEARING - tapered roller	1

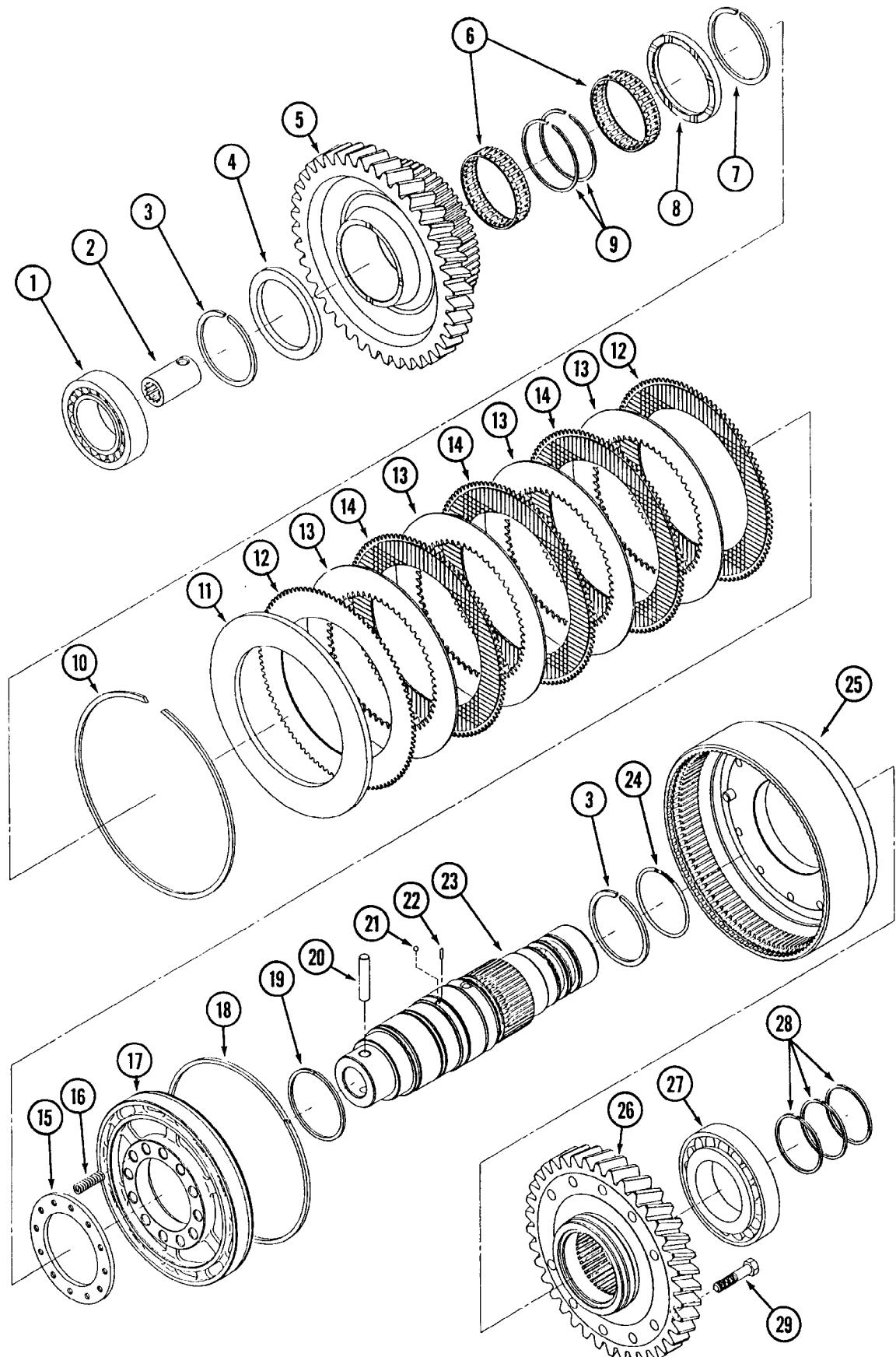


24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Input Shaft

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
	90-8252T91	SHAFT ASSEMBLY - input	1
1	90-8233T1	RING - snap	1
2	90-8234T1	PLATE - end, clutch	1
3	90-8235T1	PLATE - faced, clutch	2
4	S4070S00F	PLATE - steel, 2.4 mm thick, see note below	UAR
4	S4110S00F	PLATE - steel, 2.1 mm thick, see note below	UAR
5	33-1519T2	PLATE - faced.	3
6	90-8236T1	PLATE - spring	1
7	90-8237T1	PISTON - clutch	1
8	90-8238T1	DRUM - clutch.	1
9	33-1416T1	RING - retaining	1
10	** 90-8239T1	O-RING - special.	1
11	S2640S00F	SPRING - return	12
12	90-8240T1	GEAR - drive, input.	1
13	90-7937T1	CONE - tapered roller bearing	1
14	*** 33-1823T1	RING - retaining, external, 2.5 mm	UAR
14	*** 33-1824T1	RING - retaining, external, 2.6 mm	UAR
14	*** 33-1825T1	RING - retaining, external, 2.7 mm	UAR
14	*** 33-1826T1	RING - retaining, external, 2.8 mm	UAR
14	*** 33-1827T1	RING - retaining, external, 2.9 mm	UAR
14	*** 33-1828T1	RING - retaining, external, 3.0 mm	UAR
15	** 90-7938T1	RING - seal	5
16	514-721	BOLT - hex, 10 - 1.25 x 30 mm.	10
17	S5040S00F	RING - retaining	1
18	90-8230T1	BEARING - tapered roller	1
19	** S4410S00F	RING - piston	1
20	** S2630S00F	RING - sealing	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, Prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and After	1
	*** 90-8038T91	KIT - retaining ring, fourth shaft, includes all items above marked with an asterisk.	1

NOTE: Steel plates, item 4; a total of 4 pieces must be used.

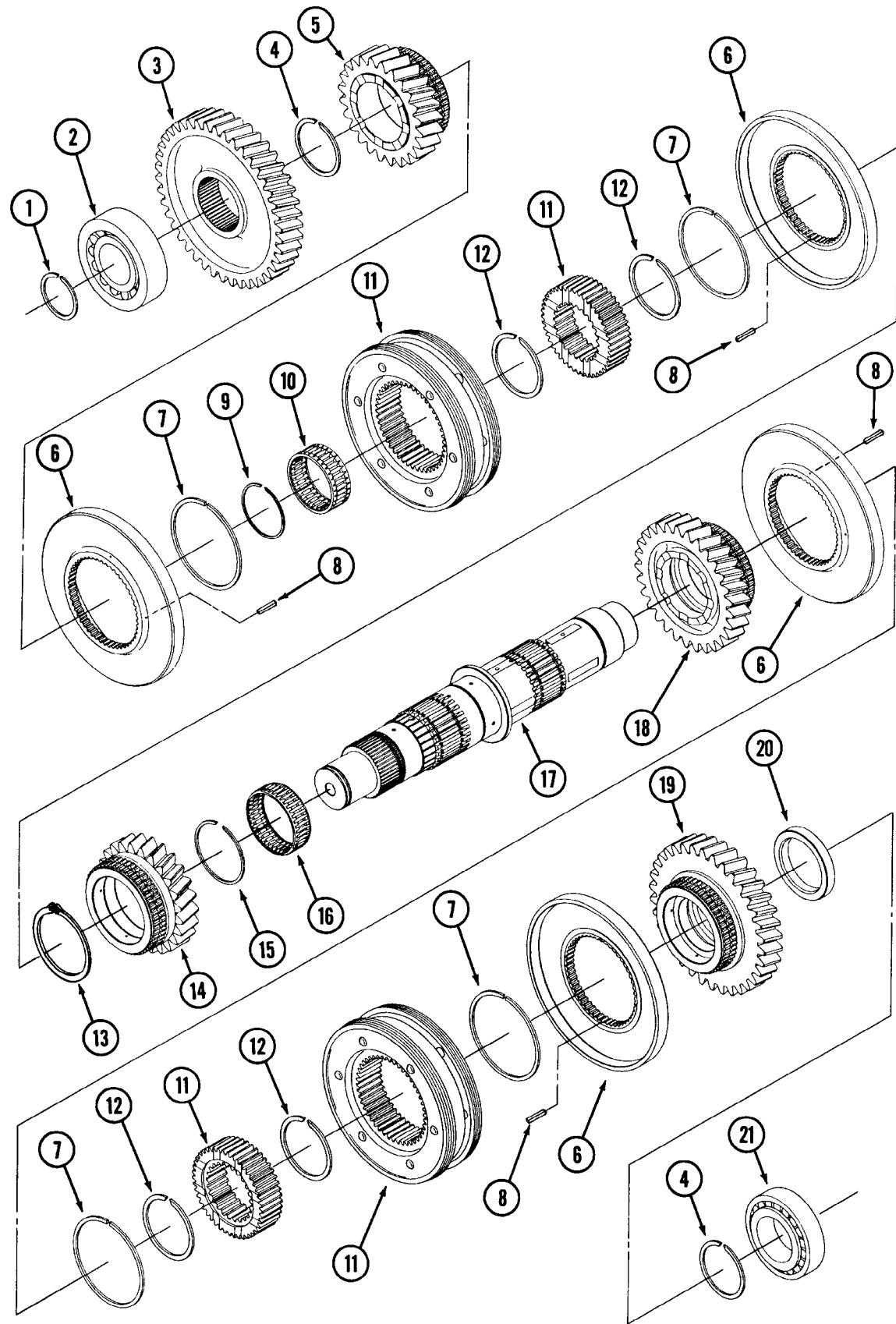


24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Pump Drive

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
	90-8251T91	SHAFT ASSEMBLY - pump drive	1
1	529208R1	CUP - tapered roller bearing	1
1	529207R91	CONE - tapered roller bearing	1
2	90-7939T1	COUPLING - sleeve, pump	1
3	33-1416T1	RING - retaining	2
4	90-8241T1	WASHER - thrust	1
5	90-8242T1	GEAR - drive, high	1
6	90-8243T1	BEARING - needle	2
7	S5040S00F	RING - retaining	1
8	90-8244T1	WASHER - thrust	1
9	90-8245T1	RING - snap	2
10	90-8233T1	RING - snap	1
11	90-8234T1	PLATE - end, clutch	1
12	90-8235T1	PLATE - faced, clutch	2
13	S4070S00F	PLATE - steel, 2.4 mm thick, see note below	UAR
13	S4110S00F	PLATE - steel, 2.1 mm thick, see note below	UAR
14	33-1519T2	PLATE - faced	3
15	90-8236T1	PLATE - spring	1
16	S2640S00F	SPRING - return	12
17	90-8237T1	PISTON - clutch	1
18	** S2630S00F	RING - sealing	3
19	** S4410S00F	RING - piston	1
20	90-7941T1	PIN - dowel	1
21	90-8246T1	BALL - steel	1
22	90-8247T1	NEEDLE - shaft	1
23	90-8248T1	SHAFT - pump	1
24	** 90-8239T1	O-RING - special, replaces 90-8249T1 O-ring	1
25	90-8238T1	DRUM - clutch	1
26	90-8250T1	GEAR - input	1
27	90-7937T1	CONE - tapered roller bearing	1
28	** 90-7938T1	RING - seal	3
29	514-738	BOLT - hex, 10 - 1.25 x 45 mm	10
	* 90-7927T92	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and After	1

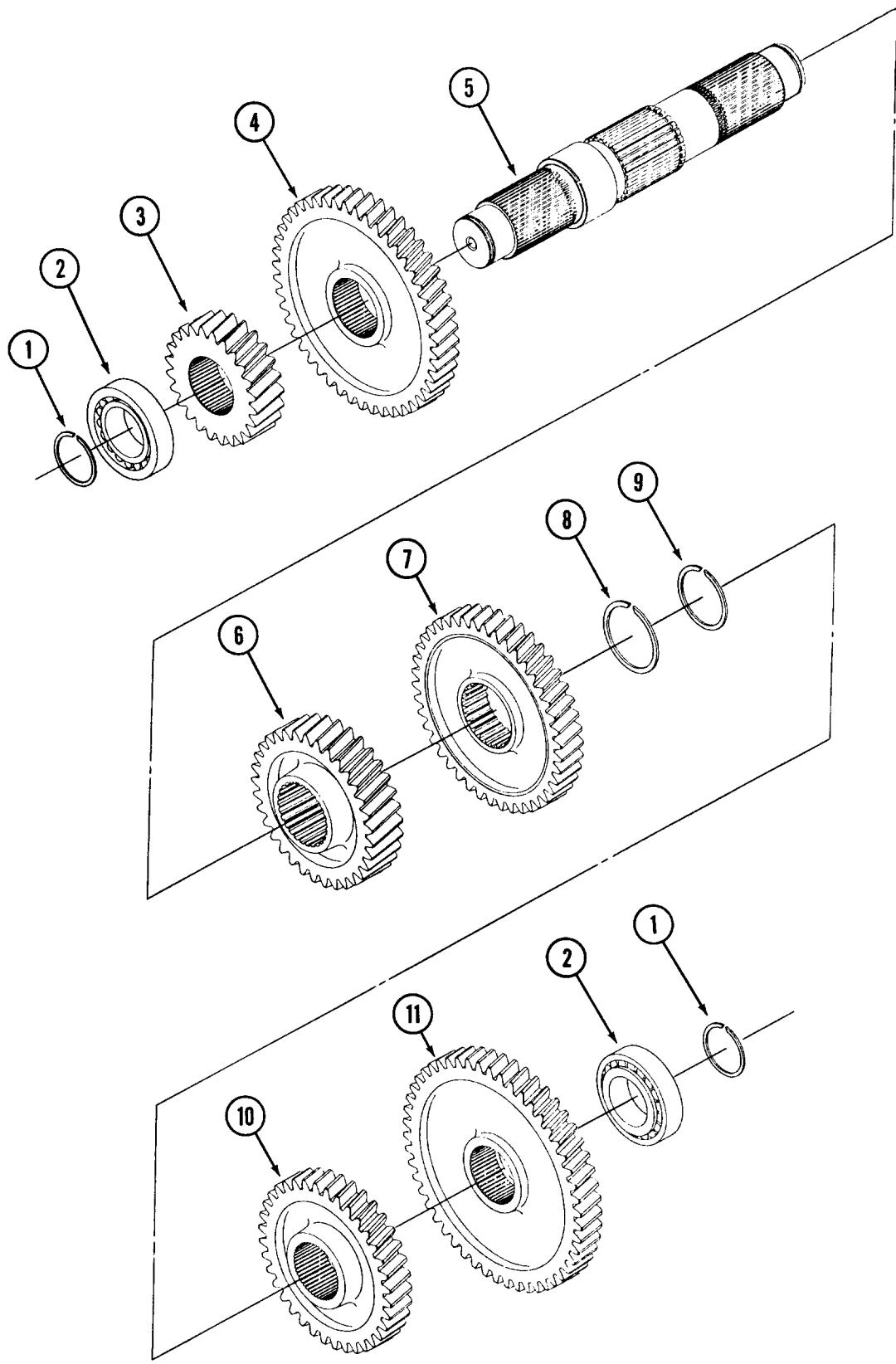
NOTE: Steel plates, item 13; a total of 4 pieces must be used.



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Third Shaft Assembly

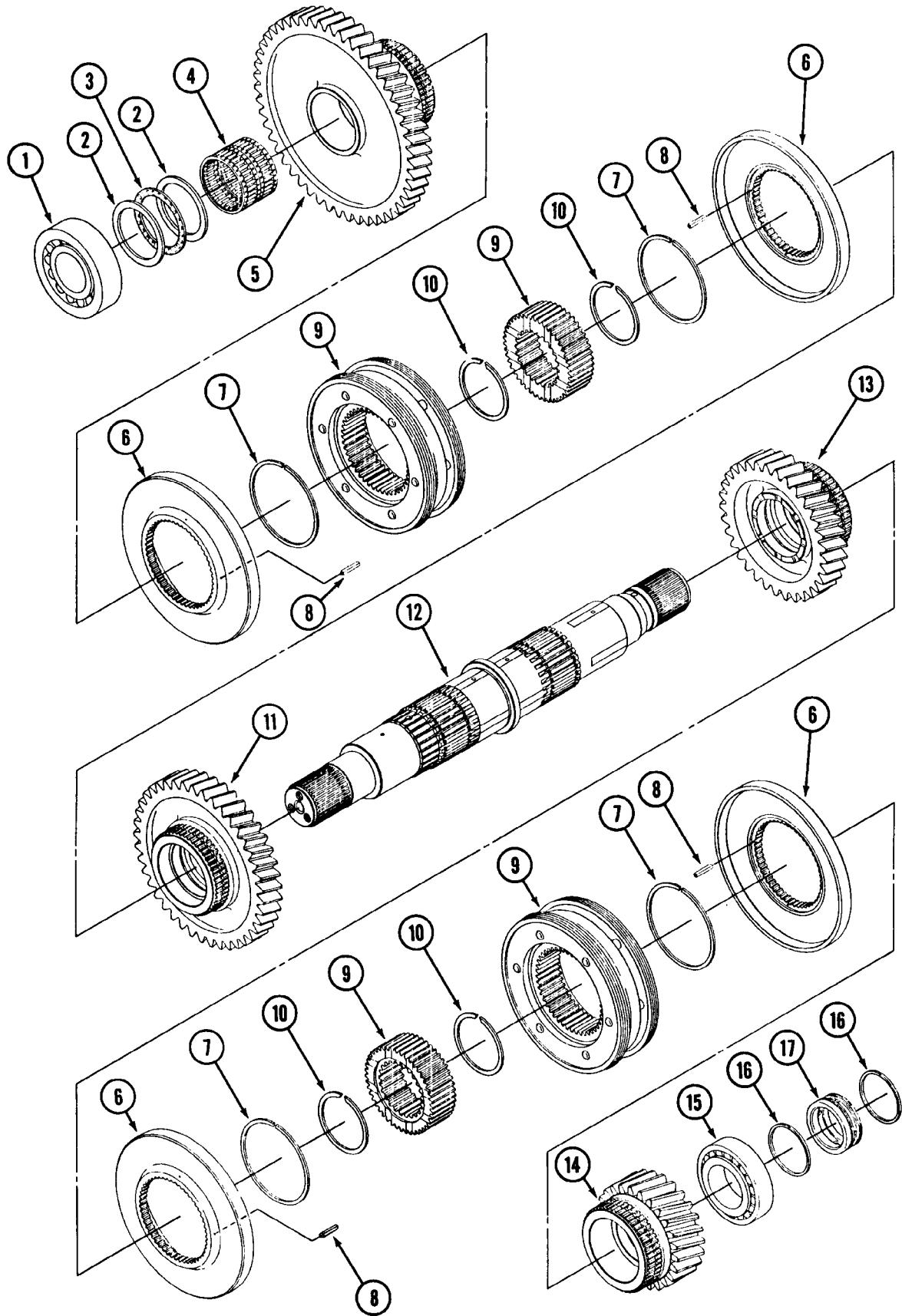
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list page 6-67 through 6-101	1
	90-7988T91	SHAFT ASSEMBLY - third	1
1	*90-7887T1	RING - retaining, 2.5 mm	UAR
1	*90-7888T1	RING - retaining, 2.6 mm	UAR
1	*90-7889T1	RING - retaining, 2.7 mm	UAR
1	*90-7890T1	RING - retaining, 2.8 mm	UAR
1	*90-7891T1	RING - retaining, 2.9 mm	UAR
1	*90-7892T1	RING - retaining, 3.0 mm	UAR
2	33-1708T1	BEARING - tapered roller	1
3	90-7893T1	GEAR - driven, third shaft	1
4	S5040S00F	RING - retaining	2
5	90-7894T1	GEAR - drive, first speed	1
6	90-7895T1	DISK - synchro, speed	4
7	90-7904T1	RING - retaining	4
8	SM832508	PIN - spring	16
9	90-7896T1	RING - retaining	1
10	S5070S00F	BEARING - needle	1
11	33-1830T1	SYNCHRONIZER - speed	2
12	S5090S00F	RING - retaining	4
13	90-8013T1	RING - retaining	1
14	90-7897T1	GEAR - drive, reverse speed	1
15	90-8014T1	RING - retaining	1
16	90-8015T1	BEARING - needle	1
17	90-7898T1	SHAFT - speed	1
18	90-7899T1	GEAR - drive, second speed	1
19	90-7900T1	GEAR - drive, third speed	1
20	90-7901T1	SPACER - third speed gear	1
21	33-1676T1	BEARING - tapered roller	1
	*90-8037T91	KIT - retaining ring, third shaft, includes one each of item 1 above marked with an asterisk	1



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Fourth Shaft Assembly

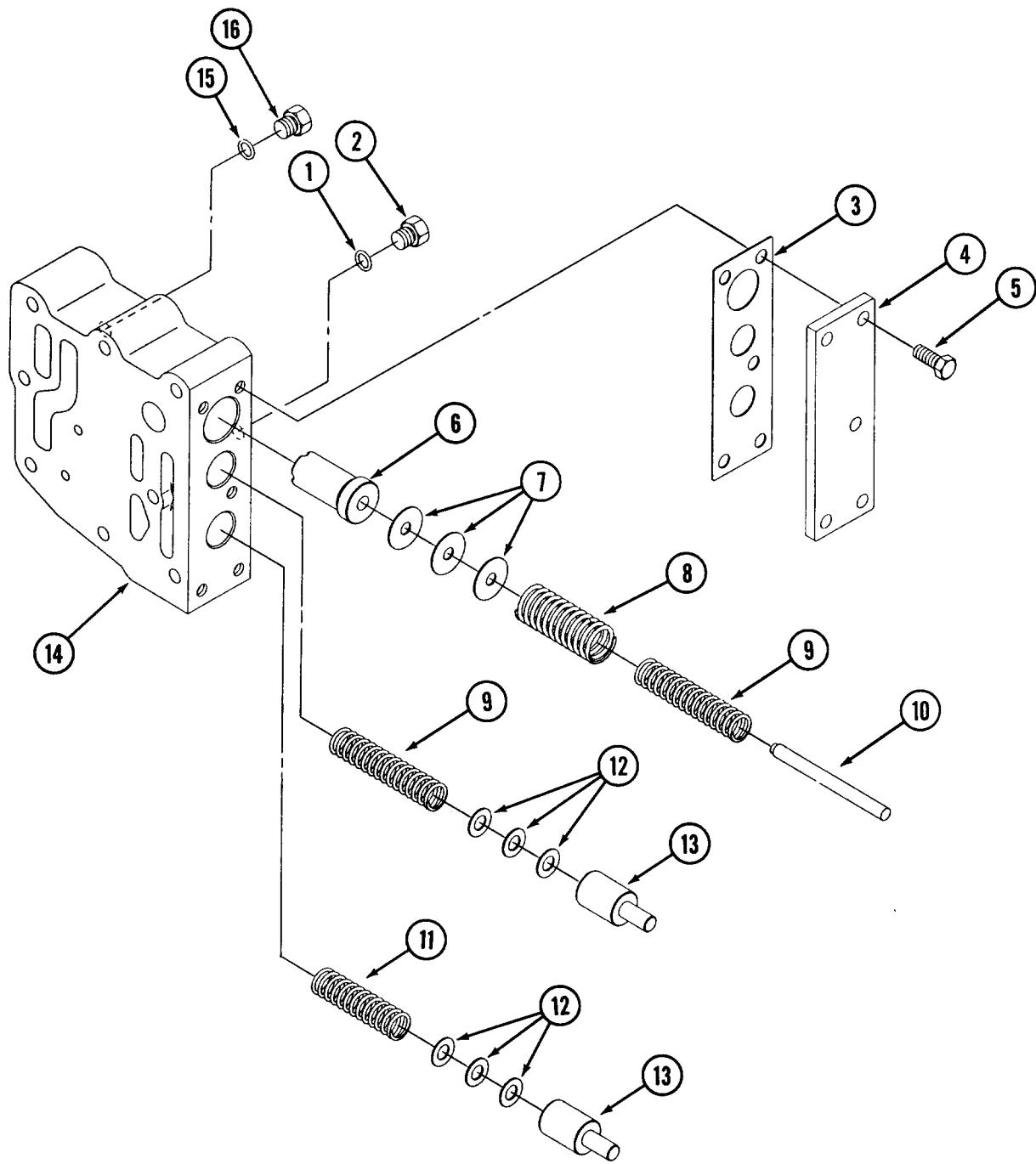
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
	90-7986T91	SHAFT ASSEMBLY - fourth	1
1	*33-1823T1	RING - retaining, external, 2.5 mm	UAR
1	*33-1824T1	RING - retaining, external, 2.6 mm	UAR
1	*33-1825T1	RING - retaining, external, 2.7 mm	UAR
1	*33-1826T1	RING - retaining, external, 2.8 mm	UAR
1	*33-1827T1	RING - retaining, external, 2.9 mm	UAR
1	33-1828T1	RING - retaining, external, 3.0 mm	UAR
2	33-1676T1	BEARING - tapered roller, shaft	2
3	90-7909T1	GEAR - drive, A range	1
4	90-7910T1	GEAR - driven, first speed	1
5	90-7911T1	SHAFT - center, fourth	1
6	90-7912T1	GEAR - drive, B range	1
7	90-7913T1	GEAR - driven, second speed	1
8	S5090S00F	RING - retaining	1
9	S5040S00F	RING - retaining	1
10	90-7914T1	GEAR - driven, third speed	1
11	90-7915T1	GEAR - driven, D range	1
	*90-8038T91	KIT - retaining ring, fourth shaft, includes one each of item 1 above marked with an asterisk	1



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Fifth Shaft Assembly

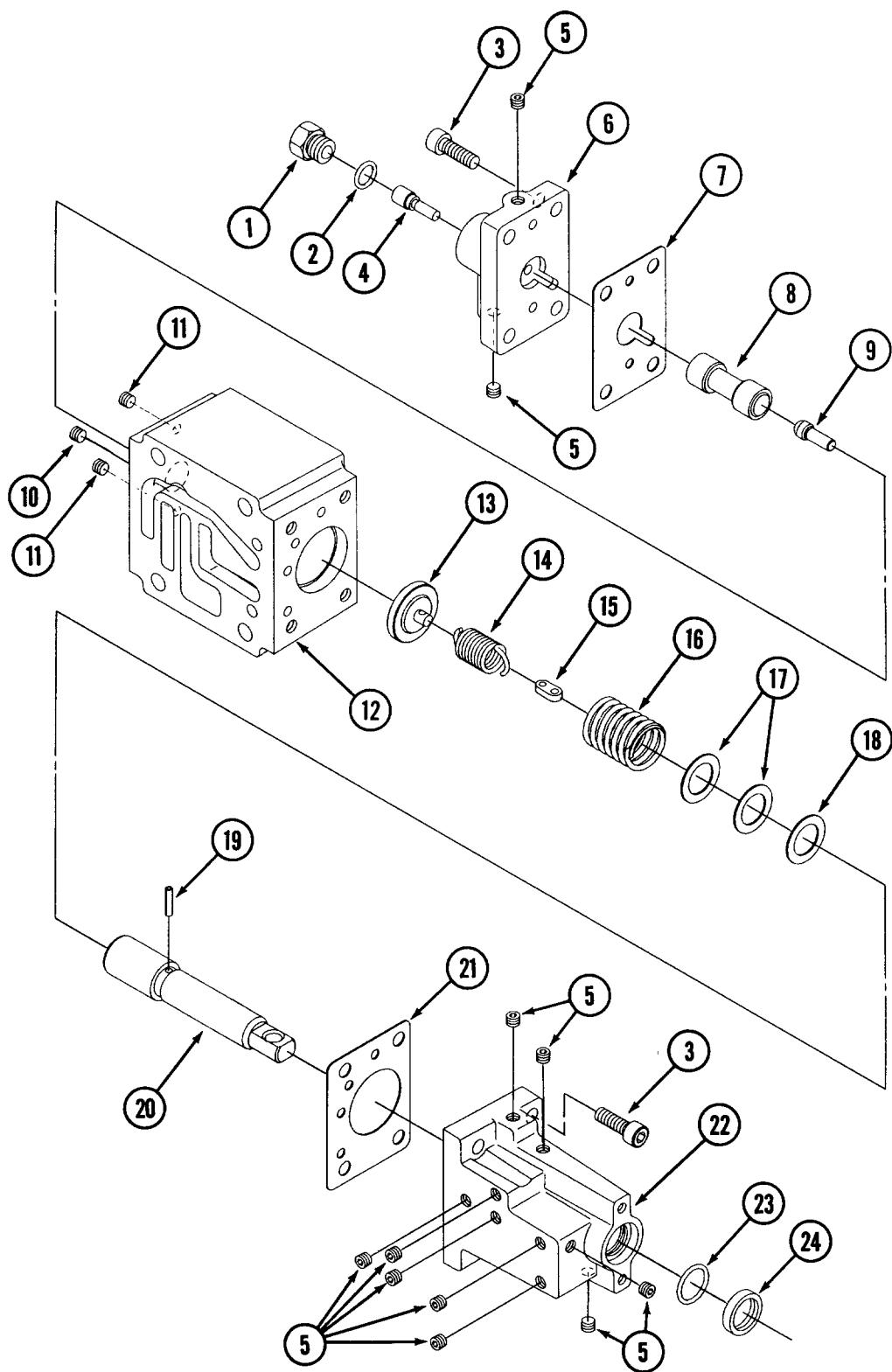
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
	90-7990T91	SHAFT ASSEMBLY - fifth	1
1	33-1708T1	BEARING - tapered roller	1
2	S5230S00F	WASHER - thrust	2
3	A75158	BEARING - thrust, replaces S5050S00F bearing	1
4	S5070S00F	BEARING - needle	2
5	90-7902T1	GEAR - driven, A range	1
6	90-7903T1	DISK - synchro, range	4
7	90-7904T1	RING - retaining	4
8	SM832508	PIN - spring	16
9	33-1831T1	SYNCHRONIZER - range	2
10	S5090S00F	RING - retaining	4
11	90-7905T1	GEAR - driven, B range	1
12	90-7906T1	SHAFT - output	1
13	90-7907T1	GEAR - driven, C range	1
14	90-7908T1	GEAR - driven, D range	1
15	33-1676T1	BEARING - tapered roller	1
16	** S4150S00F	RING - sealing	2
17	33-1695T1	PISTON - carrier, ring	1
	* 90-7927T92	KIT - gasket, transmission, includes all items with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Regulator Valve

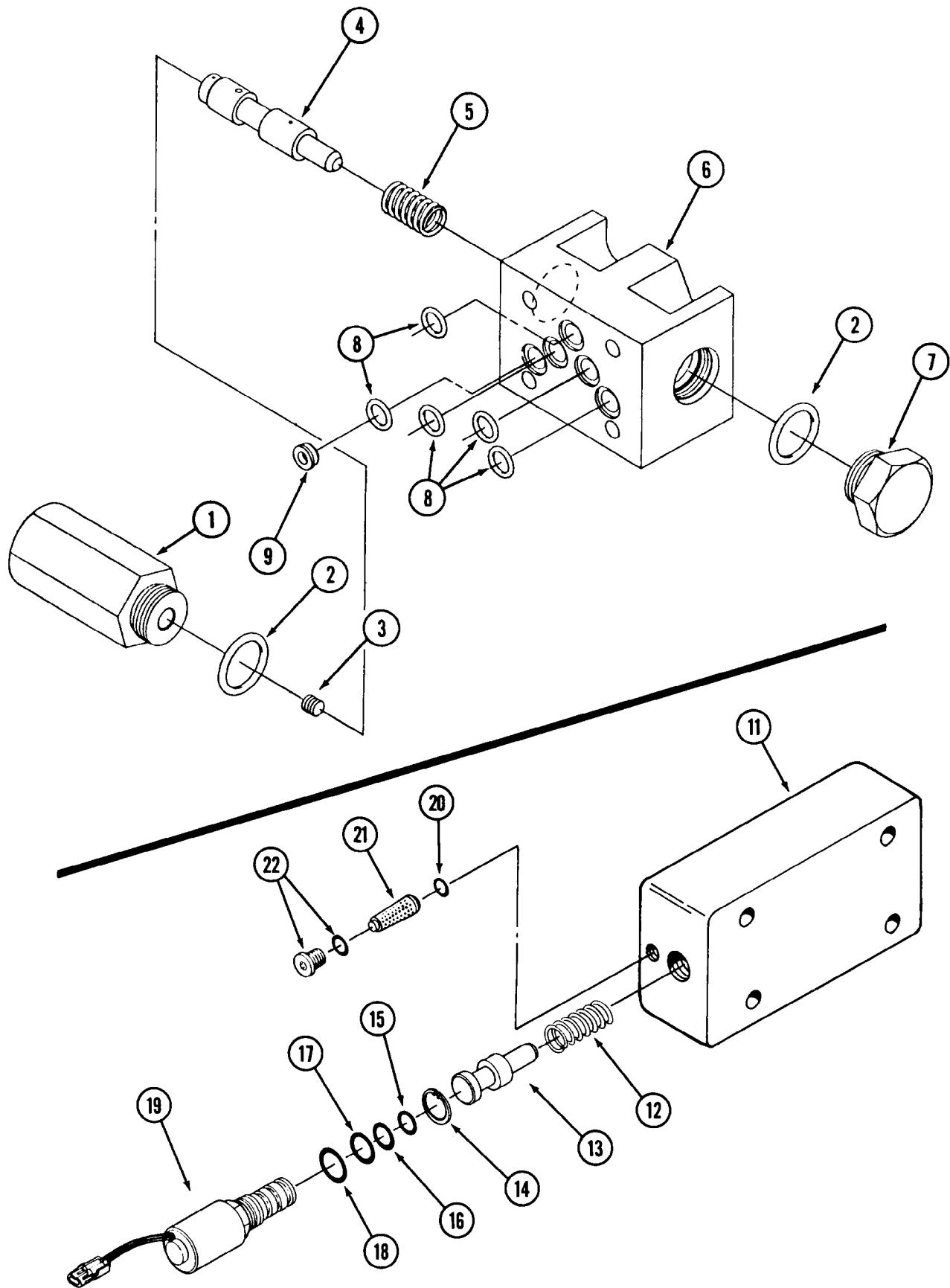
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
	S7000S01F	VALVE ASSEMBLY - regulator	1
1	**S1040S00F	O-RING - plug	9
2	S1030S00F	PLUG - hex, O-ring boss	1
3	**S7090S00F	GASKET - valve cover	1
4	S7110S00F	COVER - valve body	1
5	614-8020	BOLT - hex, full threads, 8 - 1.25 x 20 mm	5
6	S7030S01F	VALVE - regulator	1
7	S7010S00F	SHIM - .039 inch thick	UAR
8	S7120S00F	SPRING - compression	1
9	S7050S00F	SPRING - compression	2
10	S7020S00F	ROD - pressure	1
11	S7070S00F	SPRING - compression	1
12	S7080S00F	SHIM - .031 inch thick	UAR
13	S7060S00F	VALVE - lube	2
14	NSS	HOUSING - body, regulator, replaces S7040S00F body	1
15	**S1320S00F	O-RING - plug	1
16	S1390S00F	PLUG - O-ring boss	1
	*90-7927T92	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	**90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1



24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Control Valve

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
1	90-8200T91	VALVE ASSEMBLY - control	1
2	** S6170S00F	PLUG - hex, valve	1
3	** S6180S00F	O-RING - plug	1
4	S6260S00F	BOLT - socket head, special	8
5	S6010S00F	SPOOL - reducing	1
6	S6220S00F	PLUG - valve	11
7	S6020S00F	COVER - valve	1
8	** S6030S00F	GASKET - valve cover	1
9	S6040S00F	SPOOL - modulator	1
10	S6160S00F	POPPET - spool, valve	1
11	S6240S00F	PLUG - orifice	1
12	S6230S00F	PLUG - orifice	2
13	90-8016T1	BODY - control valve	1
14	S6060S00F	SEAT - spring	1
15	90-8199T1	SPRING - tension	1
16	S6080S00F	LINK - connecting	1
17	S6150S00F	SPRING - compression	1
18	S6140S00F	SHIM - 30 x 1.0 mm thick	UAR
19	S6200S00F	SPACER - 31 x 1.2 mm thick	1
20	S6130S00F	PIN - roll	1
21	** S6100S00F	STEM - control	1
22	** 90-8017T1	GASKET - cover	1
23	90-8018T1	COVER - control stem	1
24	** S6120S00F	O-RING - control stem	1
	** S6110S00F	SEAL - control stem	1
	* 90-7927T92	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1



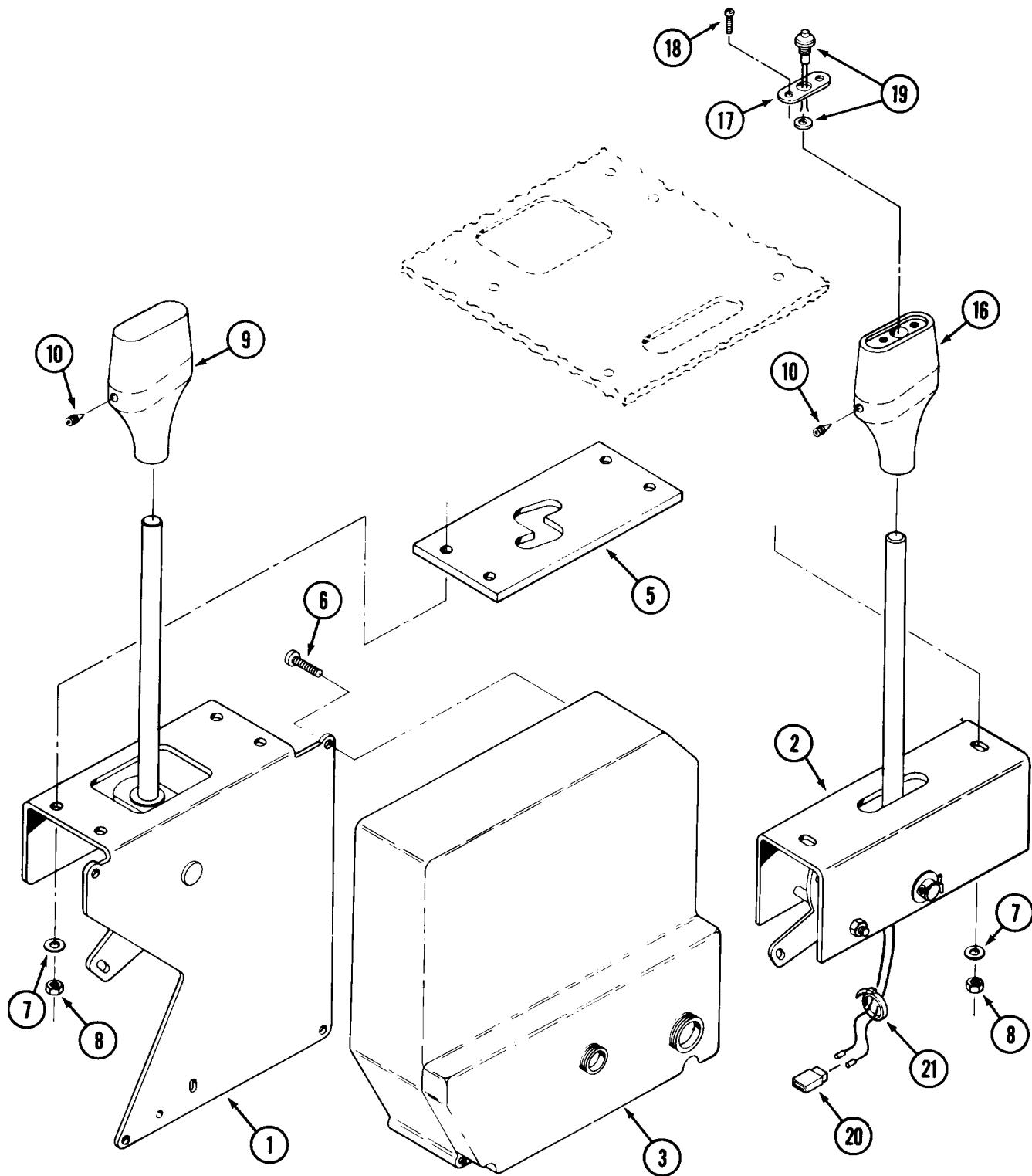
24 SPEED SYNCHROSHIFT TRANSMISSION ASSEMBLY

Lock Out Valve

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
	90-8009T91	VALVE ASSEMBLY - lock out	1
1	90-8151T1	PLUG - hex cap	1
2	** 90-8152T1	O-RING - plug	2
3	90-8021T1	PLUG - orifice, lock out valve	1
4	90-8153T1	SPOOL - lock out valve	1
5	90-8154T1	SPRING - return	1
6	90-8019T1	BODY - lock out valve	1
7	90-8155T1	PLUG - port	1
8	** 90-8020T1	O-RING - seal	5
9	90-8156T1	PLUG - orifice	1

Hi-Lo Control Valve

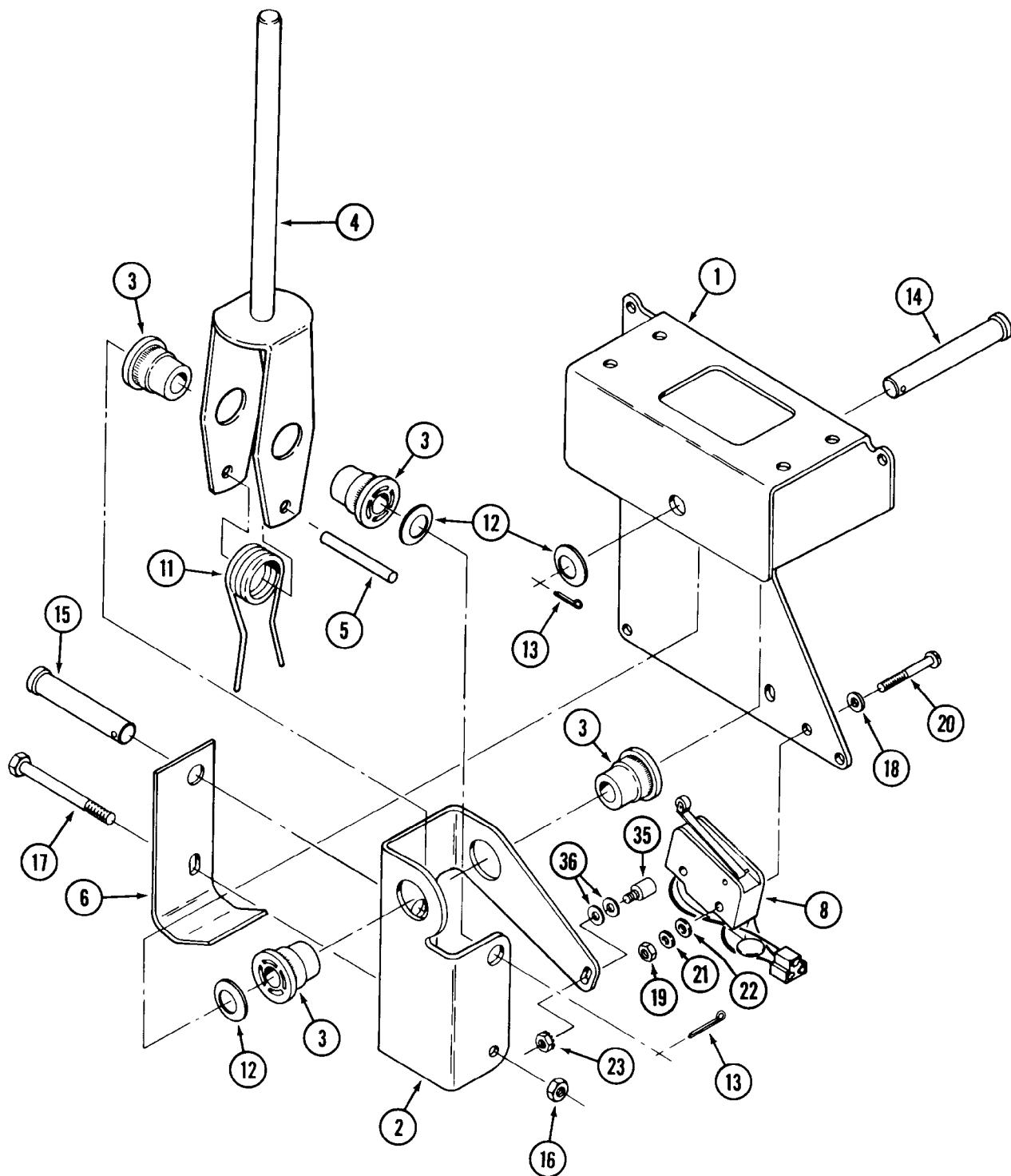
	90-7812T91	TRANSMISSION ASSEMBLY - mechanical shift, 24-speed, parts list pages 6-67 through 6-101	1
	90-8260T1	VALVE ASSEMBLY - control, hi-lo.	1
11	NSS	BODY - valve, hi-lo control	1
12	NSS	SPRING - spool	1
13	NSS	SPOOL - valve selector	1
14	33-1534T1	RING - snap	1
	33-1535T1	VALVE ASSEMBLY - solenoid	1
	33-1536T1	KIT - O-ring, solenoid valve	1
15	NSS	O-RING - solenoid	1
16	NSS	O-RING - solenoid	1
17	NSS	O-RING - solenoid	1
18	NSS	O-RING - solenoid	1
19	NSS	VALVE - solenoid	1
20	33-1537T1	O-RING - seal, filter	1
21	33-1538T1	FILTER - conical	1
22	33-1539T1	PLUG - filter	1
	* 90-7927T92	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, prior to P.I.N. JEE0071001	1
	** 90-8401T91	KIT - gasket, transmission, includes all items marked with an asterisk on pages 6-67 through 6-101, P.I.N. JEE0071001 and after	1



TRANSMISSION SHIFT CONTROLS

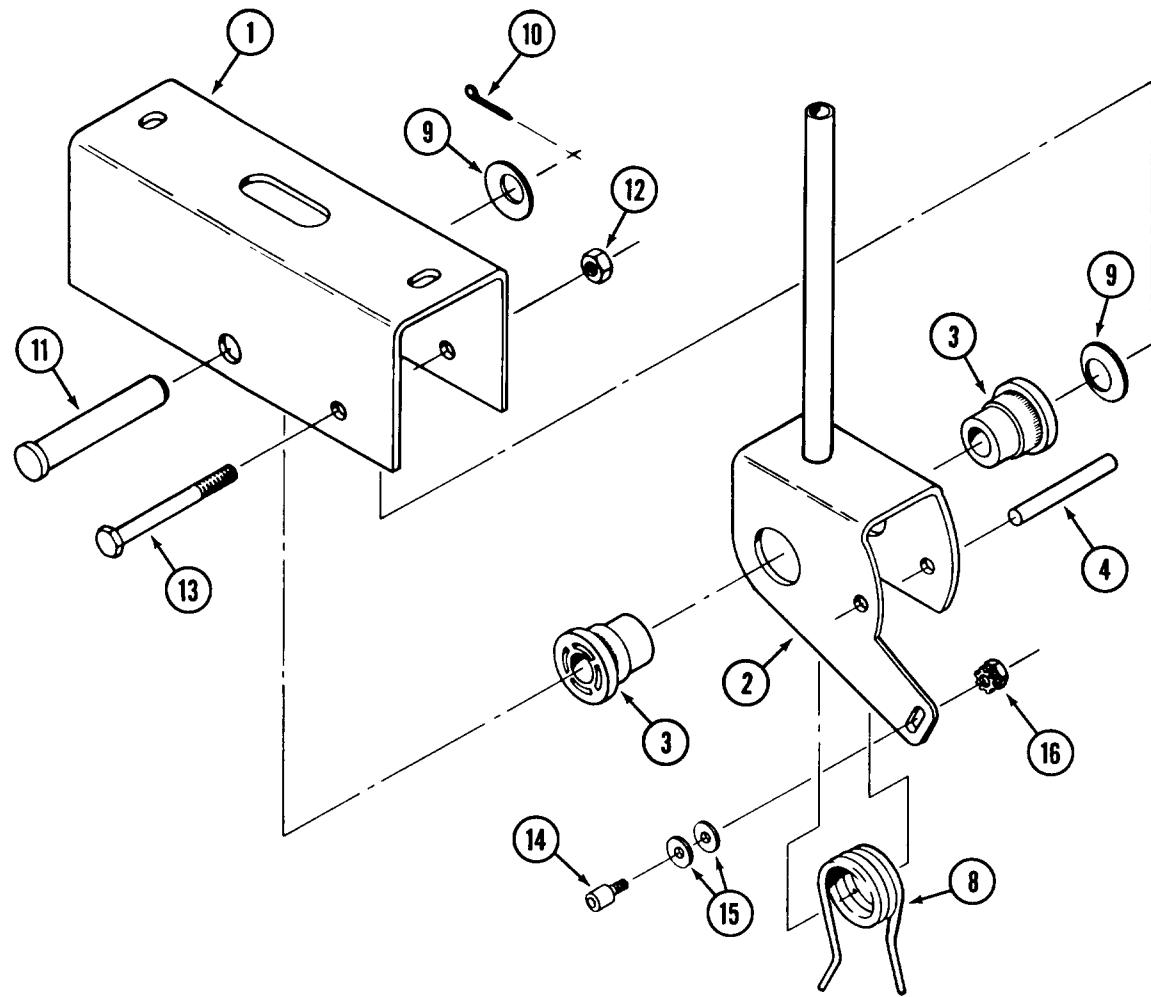
Power Shift Tractor

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6060T91	CONTROL ASSEMBLY - mode, forward or reverse, parts list page 6-105.....1	
2	60-6483T92	CONTROL ASSEMBLY - pulser, upshift or downshift, parts list page 6-107.....1	
3	60-7160T1	CONTROLLER - transmission, transmission, electronic, prior to P.I.N. JEE0071001	1
3	60-7287T1	CONTROLLER - transmission, electronic, P.I.N. JEE0071001 and after	1
5	60-6140T1	PLATE - wear, mode control	1
6	19-1018	SCREW - pan head, self-tapping, special, No. 10 NS x 3/4 inch	4
7	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	6
8	19-6082	NUT - lock, 1/4 inch NC	6
9	60-6036T1	KNOB - shift handle	1
10	19-5798	SCREW - set, No. 8 NC.....	2
16	60-6488T2	KNOB - shift handle	1
17	60-6480T1	PLATE - retaining, switch	1
18	260-1338	SCREW - self-tapping, pan Phillips, No. 6-20 x 1/2 inch.....	2
19	60-6482T2	SWITCH - includes washer, skip-shift	1
20	60-6479T1	CONNECTOR - electrical	1
21	22-824	STRAP - tie, 7 inch, nylon	2



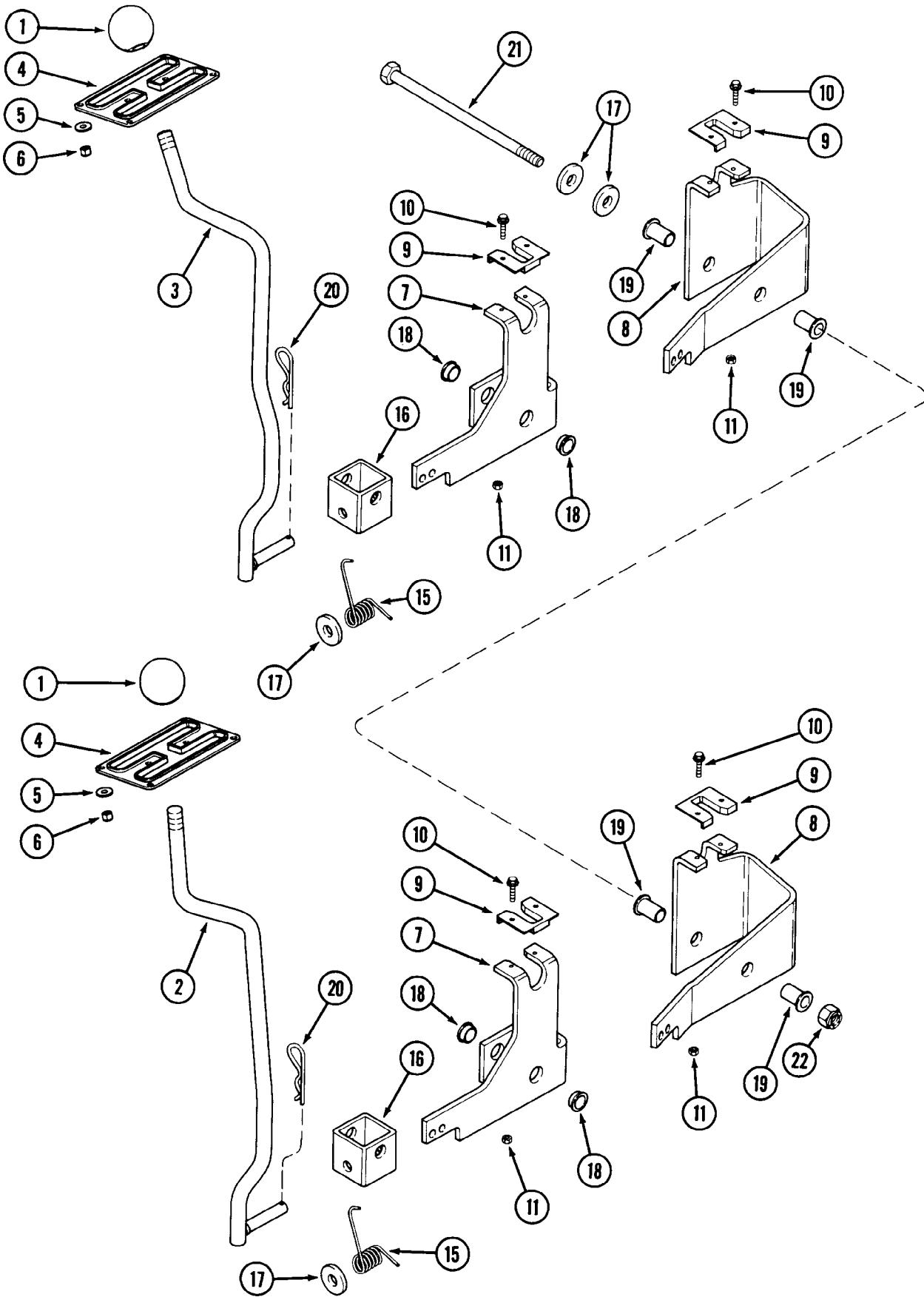
TRANSMISSION SHIFT CONTROLS**Mode Control Assembly****Power Shift Tractor**

REF.	PART NO.	DESCRIPTION	REQ'D.
	60-6060T91	CONTROL ASSEMBLY - mode, forward or reverse	1
1	60-6057T2	HOUSING - upper, control assembly	1
2	60-5887T1	TRUNNION - shift control.	1
3	60-6141T1	BUSHING - flanged, nylon	4
4	60-6756T1	YOKE - pivot, shift control	1
5	60-5892T1	PIN - spring tension	1
6	60-6056T1	STRIKER - switch actuating.	1
8	60-6059T91	SWITCH - neutral.	1
11	60-6197T1	SPRING - return.	1
12	19-6034	WASHER - spring, 1/2 x 1 x 1/64 inch	3
13	432-816	PIN - cotter, 1/8 x 1 inch.	2
14	19-6158	PIN - clevis, 1/2 x 2-3/4 inch.	1
15	H382416	PIN - clevis, 1/2 x 2-1/4 inch.	1
16	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	1
17	413-440	BOLT - hex, 1/4 NC x 2-1/2 inch	1
18	493-11014	WASHER - internal-external tooth lock, 1/8 inch	2
19	225-14106	NUT - hex, No. 6 NC	2
20	470-10620	SCREW - machine, pan head slotted, No. 6 NC x 1-1/4 inch	2
21	492-11006	WASHER - lock, No. 6	2
22	495-31016	WASHER - flat, 5/32 x 3/8 x 3/64 inch	2
23	193-1002	NUT - hex, with external tooth lock washer, No. 8 NC	1
35	20-1316T1	ACTUATOR - mode.	1
36	495-21019	WASHER - flat, 3/16 x 7/16 x 3/64 inch.	2



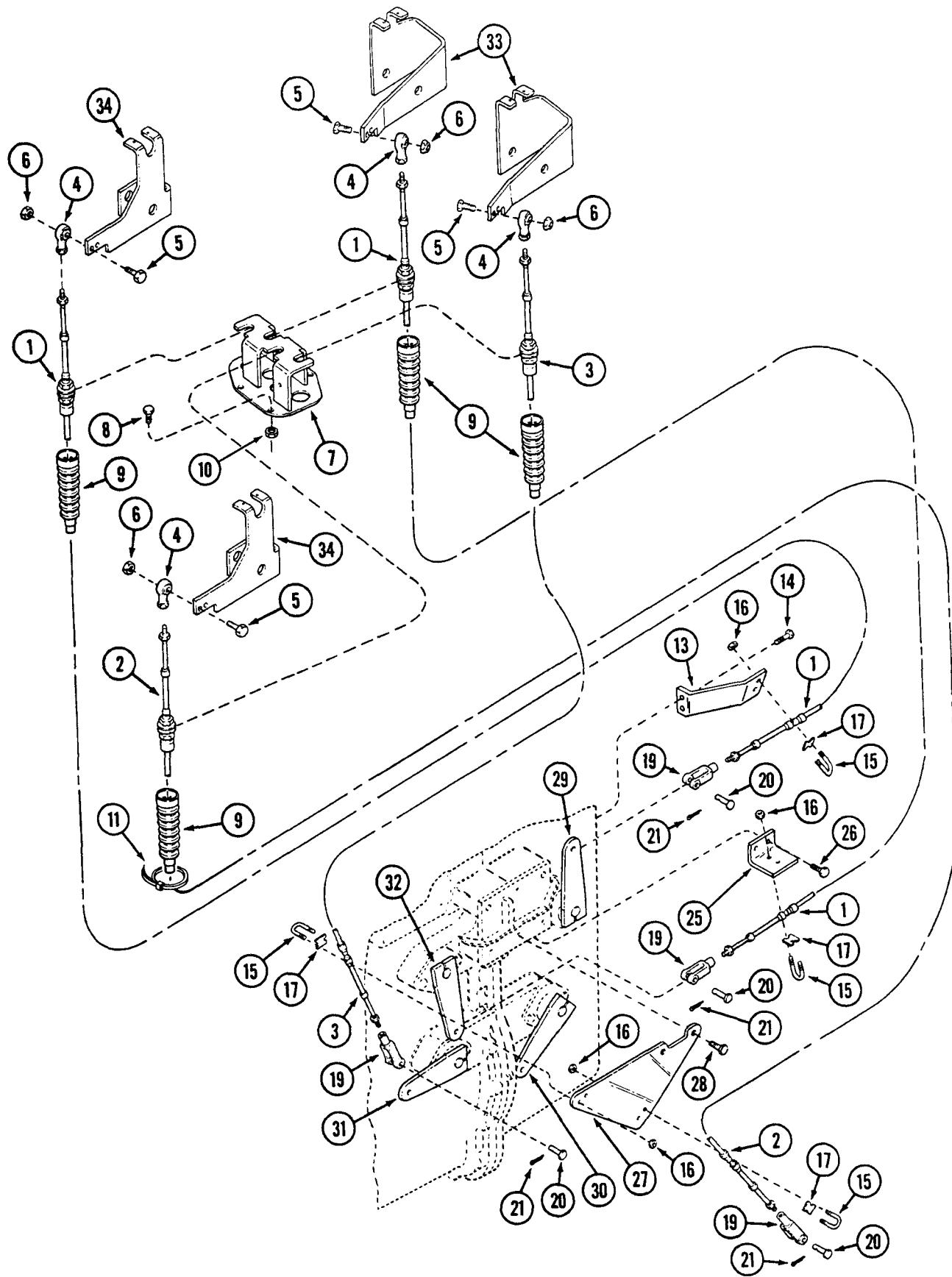
TRANSMISSION SHIFT CONTROLS**Pulser Control Assembly****Power Shift Tractor**

REF.	PART NO.	DESCRIPTION	REQ'D.
	60-6483T92	CONTROL ASSEMBLY - pulser, upshift or downshift.....	1
1	60-6485T1	BRACKET - pulser control	1
2	60-6484T2	LEVER - control, pulser	1
3	60-6141T1	BUSHING - flanged, nylon	2
4	60-5892T1	PIN - spring tension	1
8	60-6197T1	SPRING - return.....	1
9	19-6034	WASHER - spring, 1/2 x 1 x 1/64 inch.....	2
10	432-816	PIN - cotter, 1/8 x 1 inch.....	1
11	H382416	PIN - clevis, 1/2 x 2-1/4 inch.....	1
12	111626C1	NUT - hex, self-locking, special, 1/4 inch NC.....	1
13	413-440	BOLT - hex, 1/4 NC x 2-1/2 inch	1
14	20-1316T1	ACTUATOR - magnet	1
15	495-21019	WASHER - flat, 3/16 x 7/16 x 3/64 inch.....	2
16	193-1002	NUT - hex, with external tooth lock washer, No. 8 NC	1



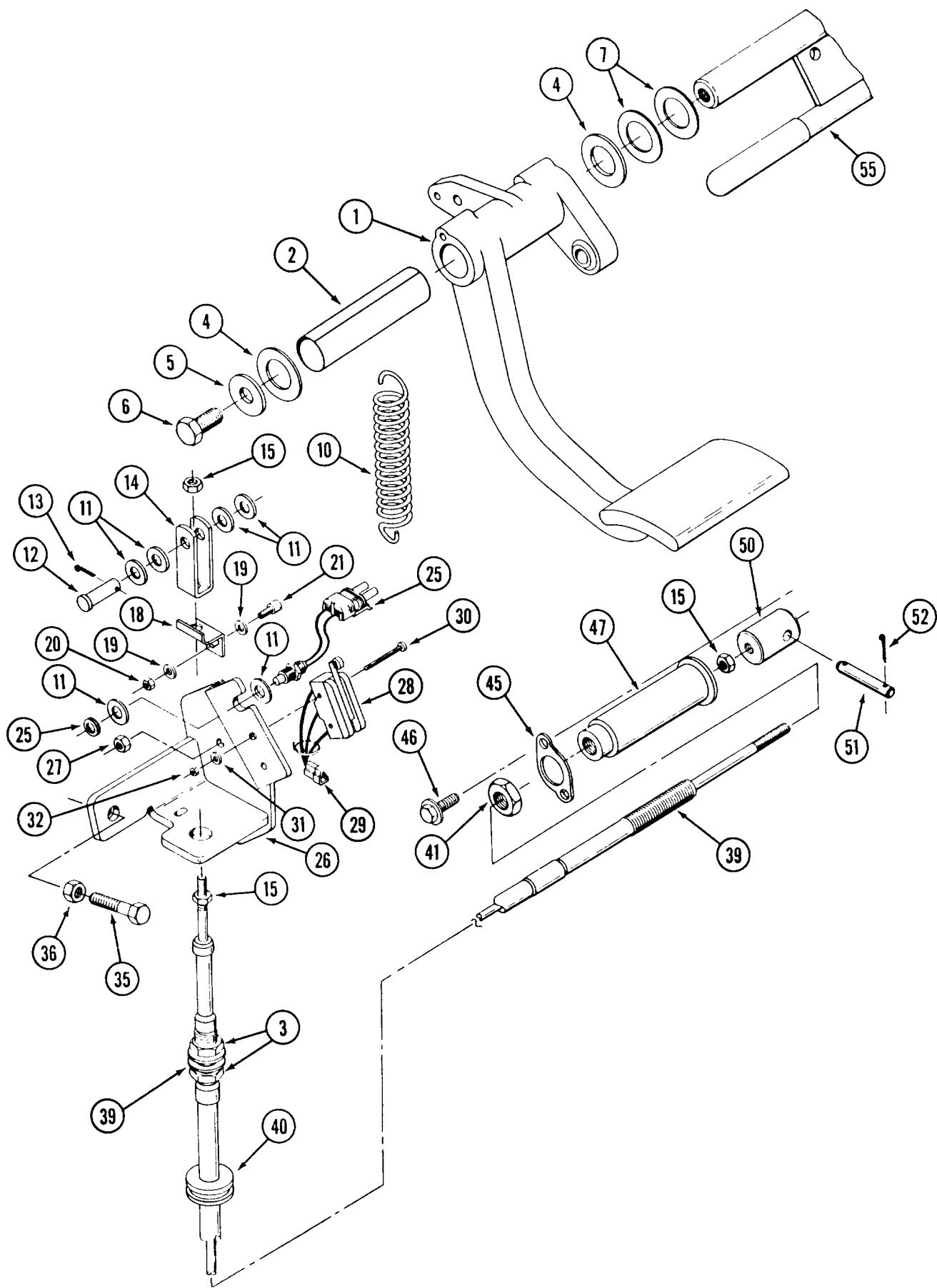
TRANSMISSION SHIFT CONTROLS**Shift Levers
SynchroShift Tractor**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6623T1	KNOB - control lever	2
2	60-6645T1	LEVER - range shift.....	1
3	60-6644T1	LEVER - gear shift.....	1
4	60-6655T1	PLATE - control lever pattern	2
5	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	12
6	230-14409	NUT - hex, self-locking, No. 10 NC	12
7	60-6614T2	BRACKET - lever, inner.....	2
8	60-6615T2	BRACKET - lever, outer.....	2
9	60-6617T1	PLATE - support, lever	4
10	363-30812	SCREW - machine, hex washer head, No. 8 NC x 3/4 inch	8
11	131-29	NUT - hex, self-locking, No. 8 NC	8
15	60-6622T1	SPRING - lever	2
16	60-4293T1	TRUNNION - lever.....	2
17	495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	4
18	90-4368T1	BUSHING - pivot	4
19	90-4367T1	BUSHING - pivot, long.....	4
20	19-5400	PIN - hair, 1/8 inch.....	2
21	426-8136	BOLT - hex, 1/2 NC x 8-1/2 inch, grade 8	1
22	425-108	NUT - hex, 1/2 inch NC	1



TRANSMISSION SHIFT CONTROLS**Shift Lever Cables
SynchroShift Tractor**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6564T2	CABLE - shift lever, gears, R-1-2-3	2
2	60-6641T1	CABLE - shift lever, C-D range	1
3	60-6640T1	CABLE - shift lever, A-B range	1
4	19-6233	JOINT - ball	4
5	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	4
6	231-1446	NUT - hex, self-locking, 3/8 inch NC	12
7	60-6668T3	MOUNT - cable	1
8	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	4
9	60-4279T2	BOOT - rubber	4
10	425-105	NUT - hex, 5/16 inch NC	4
11	22-824	STRAP - tie, 7 inch	4
13	90-7768T1	BRACKET - cable support	1
14	426-816	BOLT - hex, 1/2 NC x 1 inch, grade 8	2
15	90-7452T1	U-BOLT - retainer, cable	4
16	232-4136	NUT - hex, self-locking, 3/8 inch NC	8
17	90-7453T1	SADDLE - clamp	4
19	213-126	CLEVIS - adjustable, 3/8 inch NF	4
20	427-6106	PIN - clevis, 3/8 x 1-1/16 inch, hardened	4
21	19-5400	PIN - hair, 1/8 inch	4
25	90-7769T1	BRACKET - mounting, cable	1
26	426-816	BOLT - hex, 1/2 NC x 1 inch, grade 8	2
27	90-7770T1	PLATE - mounting, cable	1
28	413-1028	BOLT - hex, 5/8 NC x 1-3/4 inch	2
29	90-7975T1	LEVER - shift, speed, outer	1
30	90-7977T1	LEVER - shift, range, outer	1
31	90-7977T1	LEVER - shift, range, outer	1
32	90-7975T1	LEVER - shift, speed, outer	1
33	60-6615T2	BRACKET - lever, outer	2
34	60-6614T2	BRACKET - lever, inner	2

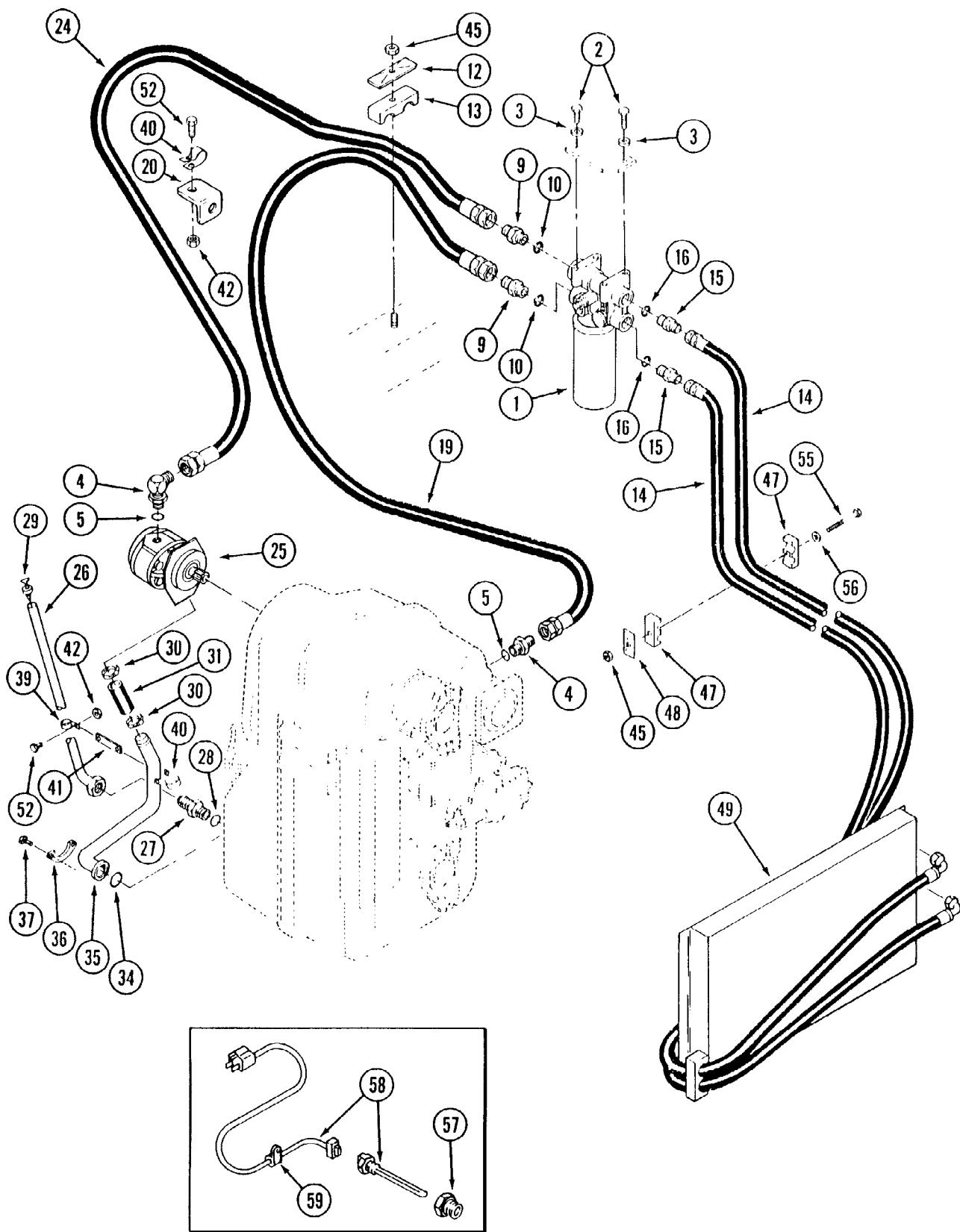


9370, 9380, and 9390 Tractor
TRANSMISSION CLUTCH CONTROL

6-113

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6835T1	PEDAL - clutch	1
2	60-6836T1	BUSHING - pivot	1
3	425-1512	NUT - hex, jam, 3/4 inch NF	2
4	19-5635	WASHER - flat, 1 x 1-3/4 x 3/32 inch.....	2
5	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	1
6	426-816	BOLT - hex, 1/2 NC x 1 inch, grade 8	1
7	95-81125	WASHER - flat, 1-1/16 x 1-3/4 x 1/16 inch	UAR
10	2-5000T1	SPRING - pedal return.....	1
11	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	6
12	19-5922	PIN - clevis, 3/8 x 1-1/4 inch	1
13	32-612	PIN - cotter, 3/32 x 3/4 inch.....	1
14	60-4384T1	CLEVIS - cable end	1
15	425-155	NUT - hex, jam, 5/16 inch NF	3
18	*60-5048T2	BRACKET - actuator mounting	1
19	*495-21019	WASHER - flat, 3/16 x 7/16 x 3/64 inch.....	2
20	*131-29	NUT - hex, self-locking, No. 8 NC	1
21	*20-1316T1	ACTUATOR - mode, magnetic	1
25	*60-6027T1	SENSOR - proximity	1
26	60-6025T1	BRACKET - control mounting	1
27	425-104	NUT - hex, 1/4 inch NC	3
	20-2340T91	SWITCH ASSEMBLY - micro, no longer available, order component parts separately	1
28	20-2333T1	SWITCH - micro	1
29	60-2666T1	WIRE - switch	1
30	470-10620	SCREW - machine, pan head slotted, No. 6 NC x 1-1/4 inch	2
31	495-31016	WASHER - flat, 5/32 x 3/8 x 3/64 inch.....	2
32	225-14106	NUT - hex, No. 6 NC	2
35	426-628	BOLT - hex, 3/8 NC x 1-3/4 inch, grade 8	1
36	425-106	NUT - hex, 3/8 inch NC	1
39	60-4957T1	CABLE - clutch actuating, 75 inch long	1
40	248-2376	GROMMET - rubber, 1-1/4 inch groove diameter, cable guard.....	1
41	425-1512	NUT - hex, jam, 3/4 inch NF	1
45	90-8048T1	RETAINER - cable guard	1
46	458-412	BOLT - hex flange, 1/4 NC x 3/4 inch	2
47	90-8047T1	GUARD - cable	1
50	60-6241T1	COLLAR - cable	1
51	19-6041	PIN - headless	1
52	32-212	PIN - cotter, 1/32 x 3/4 inch	2
55	60-5074T1	MOUNT - pedal, brake and clutch, see pages 7-3 or 7-5 for mounting hardware	1

*** NOTE:** Used on tractors equipped with Power Shift transmissions only.



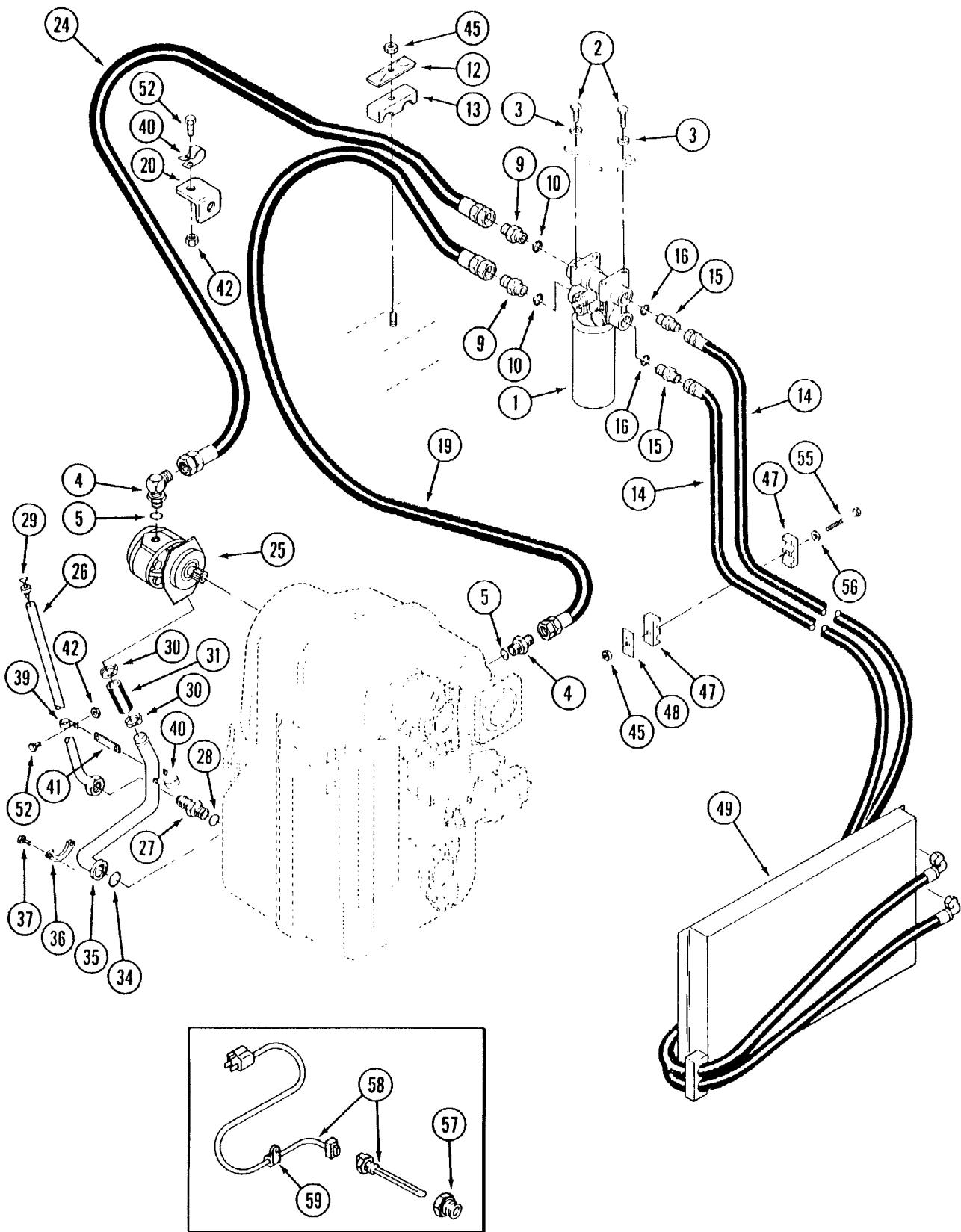
9370, 9380, and 9390 Tractor
TRANSMISSION LUBRICATION

6-115

**Transmission to Cooler
 Power Shift Tractor**

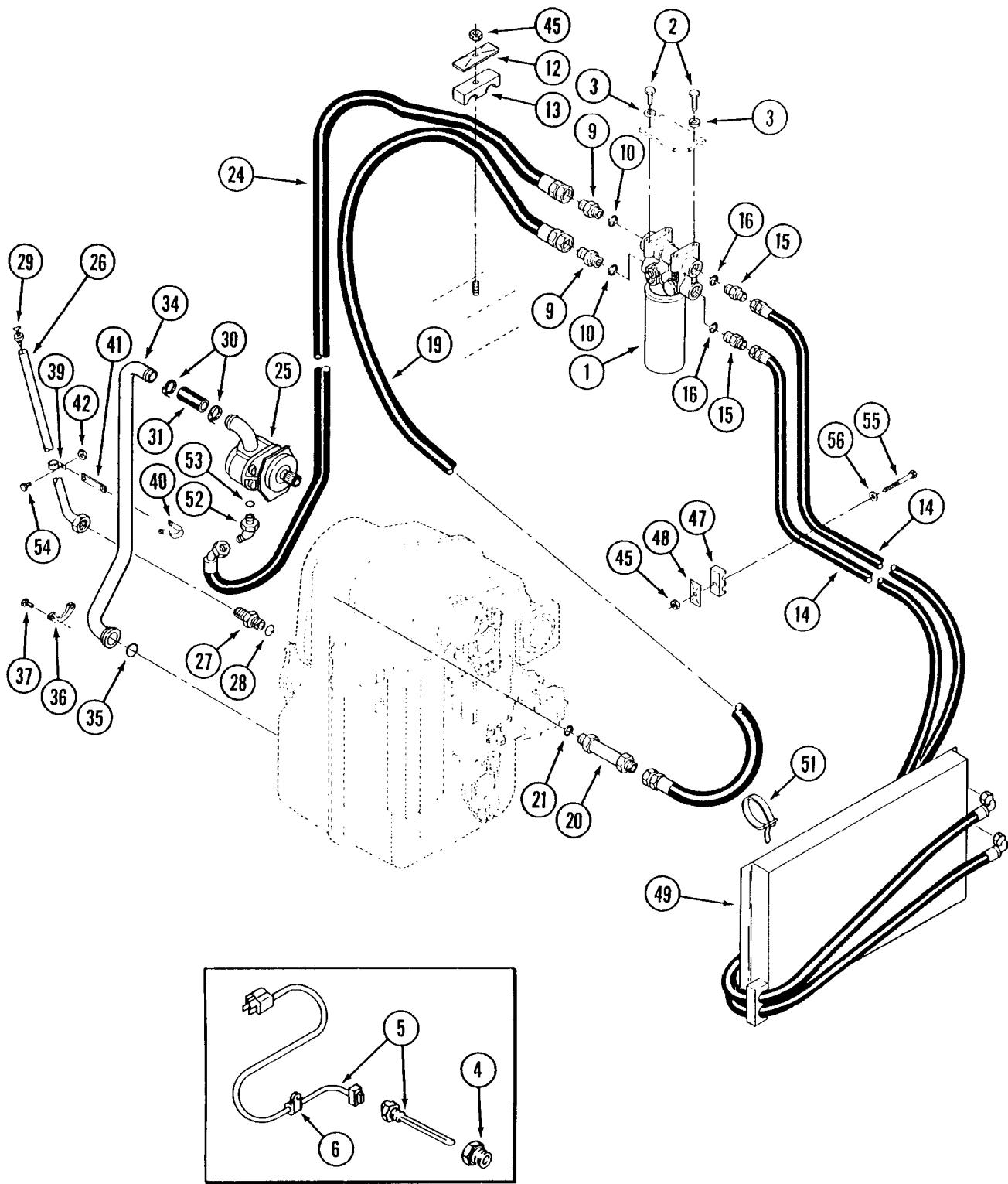
REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3494T91	FILTER ASSEMBLY - oil, transmission, parts list page 8-35	1
2	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	2
3	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	2
4	218-5110	ELBOW - 90 degree, 1-5/16-12 inch flare x adj O-ring boss, with three point hitch	1
4	218-5069	ADAPTER - straight, 1-5/16-12 inch flare x O-ring boss, without three point hitch	1
5	238-6021	O-RING - 15/16 ID x 1/16 inch wide.....	1
9	218-5069	ADAPTER - straight, 1-5/16-12 inch flare x O-ring boss	3
10	238-6021	O-RING - 15/16 ID x 1/16 inch wide.....	1
12	50-2668T1	PLATE - clamp support	1
13	50-2965T1	CLAMP - double, hoses.....	1
14	31-1486	HOSE - filter to cooler	2
15	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	2
16	237-6014	O-RING - 1-3/64 ID x 7/64 inch wide	2
19	31-2938	HOSE - filter to transmission	1
20	90-6894T1	BRACKET - clamp mounting, tube support.....	1
24	31-3014	HOSE - 2058 mm (82 inch) long, filter to pump	1
25	33-1524T91	PUMP ASSEMBLY - transmission lubrication, parts list page 6-31.....	1
26	90-7490T1	TUBE - dipstick	1
27	218-5072	ADAPTER - straight, 1-5/8-12 inch flare x O-ring boss	1
28	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
29	90-6546T1	DIPSTICK - oil check.....	1
30	31-1283	CLAMP - adjustable, 1-1/4 x 2-5/8 inch.....	2
31	1-4571	HOSE - 114 mm (4-1/2 inch) long, cut from 1-4482 bulk hose, see below, pump to transmission.....	1
34	238-6222	O-RING - 1-1/2 ID x 1/8 inch wide.....	1
35	90-7064T1	TUBE - pump to transmission, without PTO	1
35	90-7063T1	TUBE - pump to transmission, with PTO.....	1
36	31-1910	FLANGE - split, clamp halves	2
37	426-624	BOLT - hex, 3/8 NC x 1-1/2 inch, grade 8	4
39	515-23317	CLAMP - P-type, 1-1/4 inch ID	1
40	515-23381	CLAMP - P-type, 1-1/2 inch ID	2
41	90-6588T1	BRACKET - support.....	1
42	425-106	NUT - hex, 3/8 inch NC	2
45	425-105	NUT - hex, 5/16 inch NC	2
47	50-2534T1	CLAMP - split, one-half	2
48	50-2533T1	PLATE - clamp support	1
49	90-6708T1	COOLER - oil, hydraulic, used on 9370 and 9380, see page 8-41 for cooler mounting	1
49	90-8163T1	COOLER - oil, hydraulic, used on 9390, see page 8-41 for cooler mounting.....	1
	1-4482	HOSE - bulk, 3048 mm (120 inch) long, sold by the foot.....	UAR

Continued on next page



TRANSMISSION LUBRICATION**Transmission to Cooler
Power Shift Tractor**

REF.	PART NO.	DESCRIPTION	REQ'D.
52	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	2
55	426-540	BOLT - hex, 5/16 NC x 2-1/2 inch, grade 8	1
56	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	1
57	*50-3675T1	ADAPTER - drain plug, special	1
58	*A164503	HEATER - transmission, with cordset	1
59	*515-2363	CLAMP - P-type, 1/4 inch ID	2
60	*22-824	STRAP - tie, 7 inch, not shown	7
*35-2016T91		KIT - heater maintainer, includes all items above marked with an asterisk.....	1

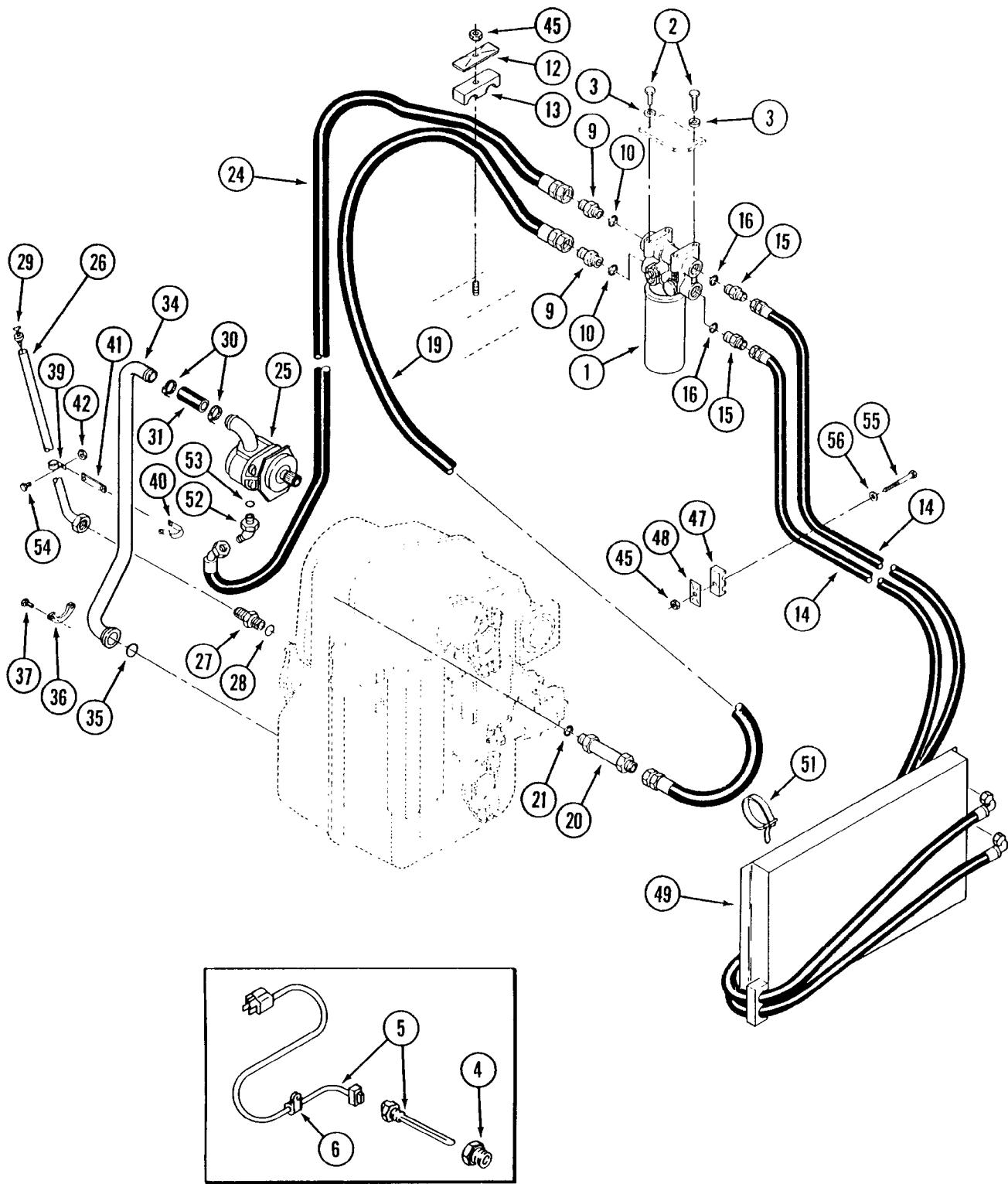


9370, 9380, and 9390 Tractor
TRANSMISSION LUBRICATION
Transmission to Cooler
SynchroShift Tractor

6-119

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3494T91	FILTER ASSEMBLY - oil, transmission, parts list page 8-35	1
2	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	2
3	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	2
4	**50-3675T1	ADAPTER - drain plug, special	1
5	**A164503	HEATER - transmission, with cordset	1
6	**515-2363	CLAMP - P-type, 1/4 inch ID	2
7	**22-824	STRAP - tie, 7 inch, not shown	7
9	218-5069	ADAPTER - straight, 1-5/16-12 inch flare x O-ring boss	2
10	238-6021	O-RING - 15/16 ID x 1/16 inch wide.....	1
12	50-2668T1	PLATE - clamp support	1
13	50-2965T1	CLAMP - double	1
14	31-1486	HOSE - cooler to filter	2
15	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	2
16	237-6014	O-RING - 1-3/64 ID x 7/64 inch wide	2
19	31-2911	HOSE - 1321 mm (52 inch) long, transmission to filter	1
20	218-5110	ELBOW - 90 degree, 1-5/16-12 inch flare x adj O-ring boss	1
21	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
24	31-3015	HOSE - filter to pump.....	1
25	*33-1874T91	PUMP - lubrication, component parts not serviced separately	1
26	90-7490T1	TUBE - dipstick	1
27	218-5072	ADAPTER - straight, 1-5/8-12 inch flare x O-ring boss	1
28	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
29	90-7826T1	DIPSTICK - oil check.....	1
30	31-1283	CLAMP - adjustable, 1-1/4 x 2-5/8 inch.....	2
31	1-4571	HOSE - 114 mm (4-1/2 inch) long, cut from 1-4482 bulk hose, see below	1
34	90-7825T1	TUBE - pump to transmission	1
35	238-6222	O-RING - 1-1/2 ID x 1/8 inch wide.....	1
36	31-1910	FLANGE - split, clamp halves	2
37	426-624	BOLT - hex, 3/8 NC x 1-1/2 inch, grade 8	4
39	515-23317	CLAMP - P-type, 1-1/4 inch ID	1
40	515-23381	CLAMP - P-type, 1-1/2 inch ID	1
41	90-6588T1	BRACKET - support.....	1
42	425-106	NUT - hex, 3/8 inch NC	2
45	425-105	NUT - hex, 5/16 inch NC	2
	1-4482	HOSE - bulk, 3048 mm (120 inch) long, sold by the foot.....	UAR
	*90-8261T91	KIT - O-ring, lubrication pump, includes gasket not used with this pump	1
	**35-2016T91	KIT - heater maintainer, includes all items above marked with an asterisk	1

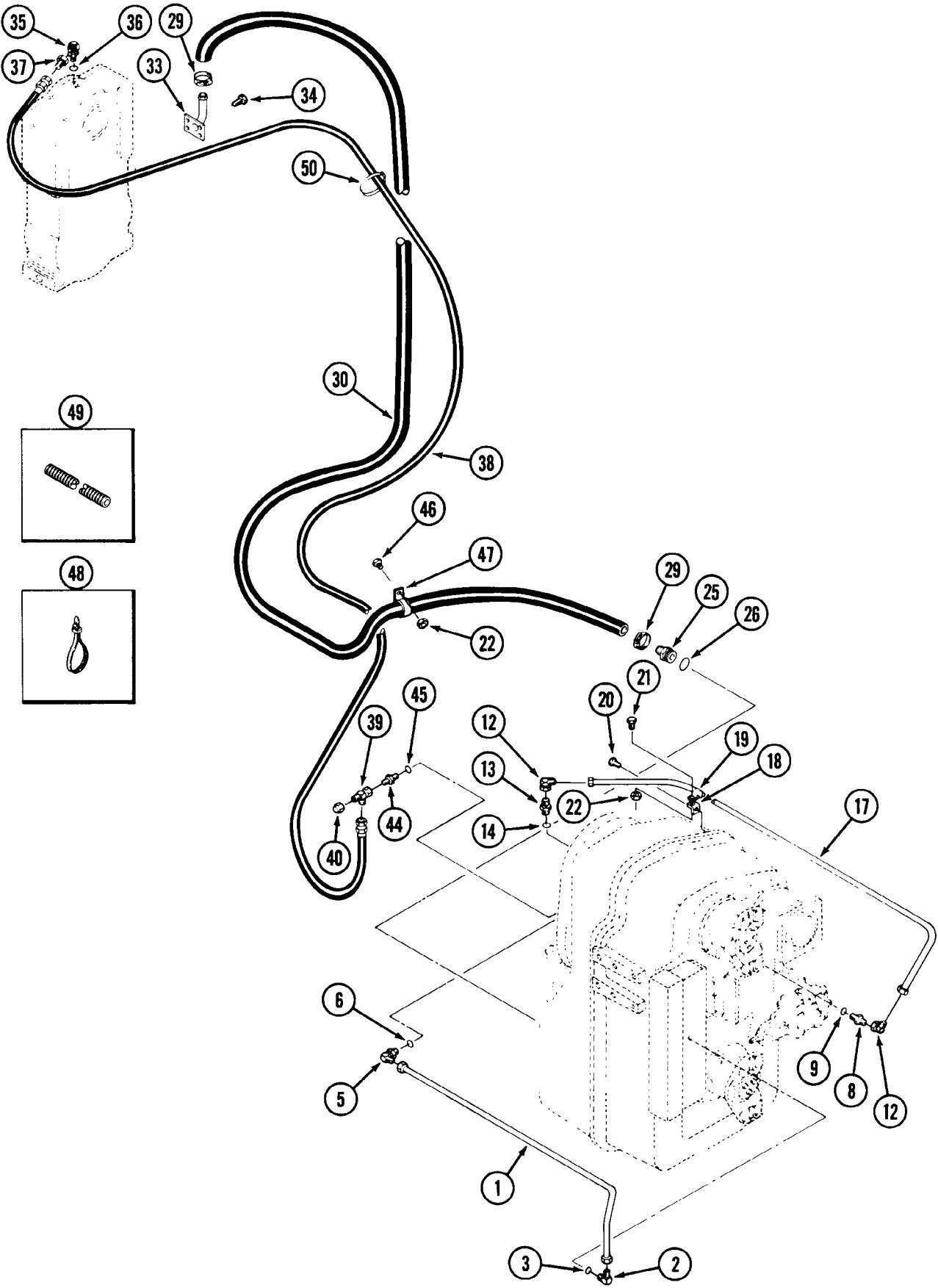
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9370, 9380, and 9390 Tractor
TRANSMISSION LUBRICATION
Transmission to Cooler
SynchroShift Tractor

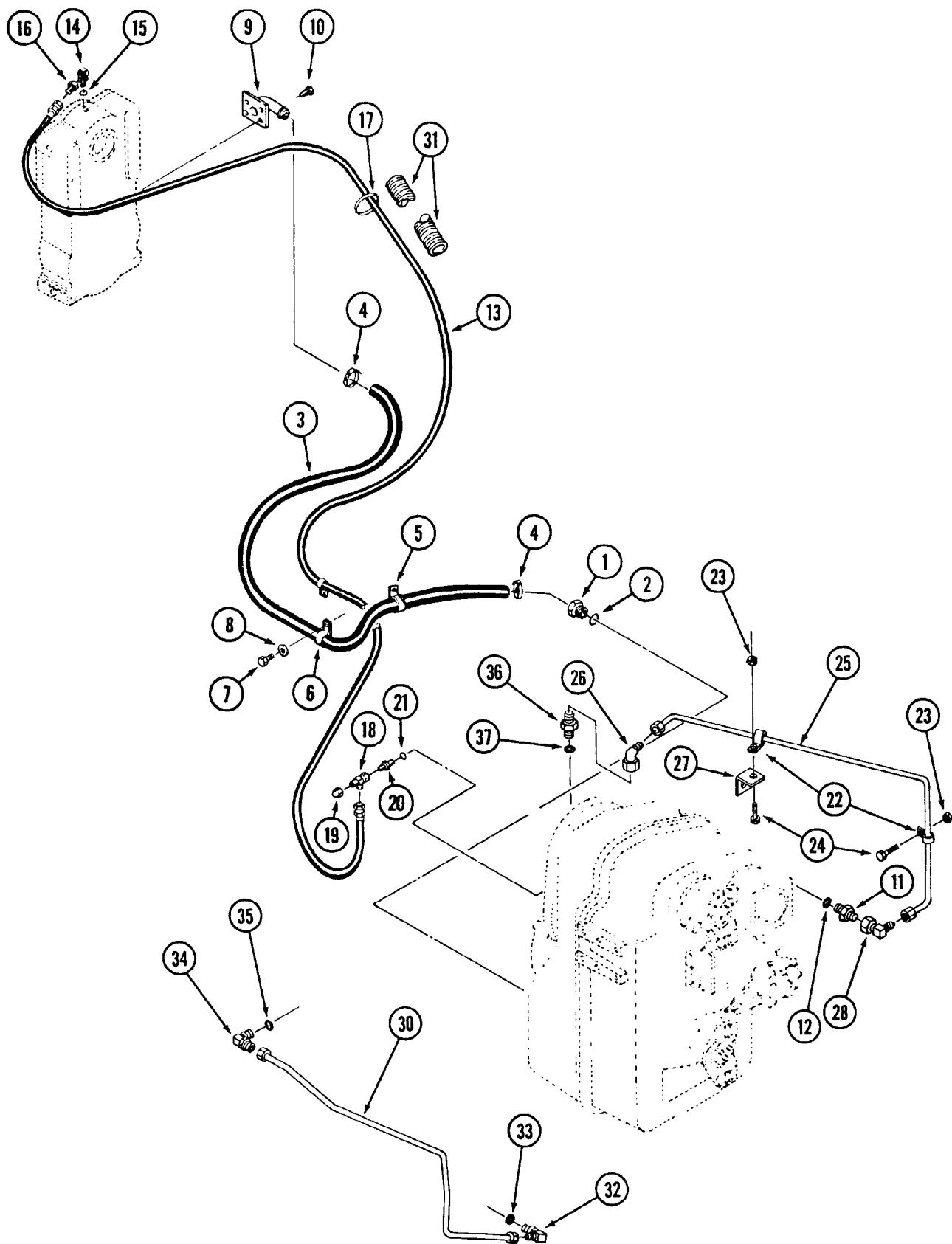
6-121

REF.	PART NO.	DESCRIPTION	REQ'D.
47	50-2534T1	CLAMP - split, one-half	1
48	50-2533T1	PLATE - clamp support	1
49	90-6708T1	COOLER - oil, hydraulic, used on 9370 and 9380, see page 8-41 for cooler mounting	1
49	90-8163T1	COOLER - oil, hydraulic, used on 9390, see page 8-41 for cooler mounting.	1
51	50-2037T1	STRAP - tie	1
52	218-5140	ELBOW - 45 degree, 1-5/16-12 inch flare x adj O-ring boss	1
53	238-6021	O-RING - 15/16 ID x 1/16 inch wide.....	1
54	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	2
55	426-540	BOLT - hex, 5/16 NC x 2-1/2 inch, grade 8	1
56	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	1



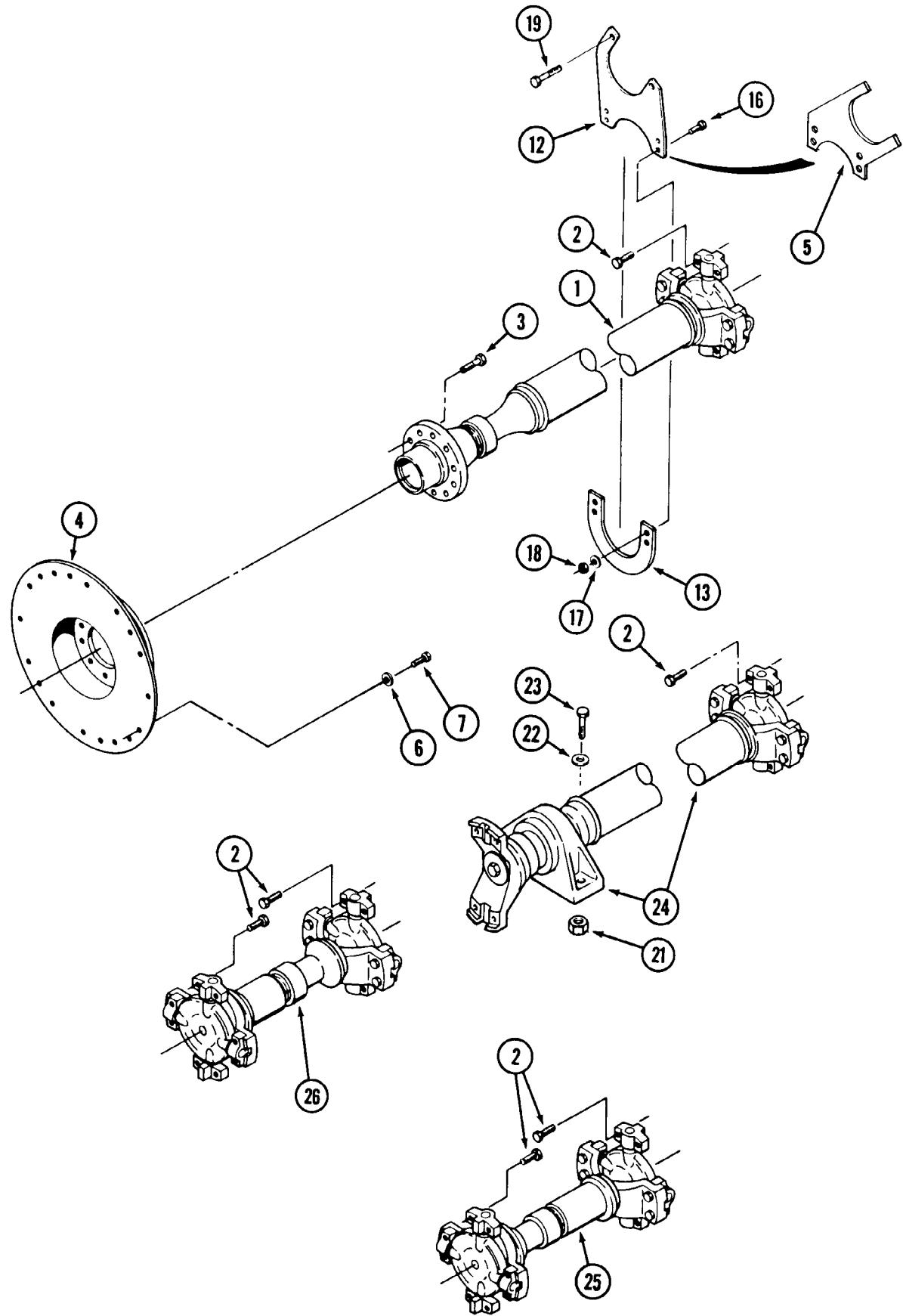
TRANSMISSION LUBRICATION
Transmission to PTO Transfer Case
Power Shift Tractor

REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-6691T1	TUBE - lubrication, range selector valve to PTO control valve	1
2	218-5280	ELBOW - 90 degree, 3/4-16 flare x 9/16-18 inch adj O-ring boss	1
3	237-6006	O-RING - 15/32 ID x 5/64 inch wide.	1
5	218-5121	ELBOW - 90 degree, 3/4-16 flare x 7/8-14 inch adj O-ring boss	1
6	237-6010	O-RING - 3/4 ID x 3/32 inch wide.	1
8	218-5059	ADAPTER - straight, 3/4-16 inch flare x O-ring boss.	1
9	237-6008	O-RING - 41/64 ID x 3/32 inch wide.	1
12	218-5230	ELBOW - 90 degree, 3/4-16 inch flare x swivel.	2
13	218-5060	ADAPTER - straight, 3/4-16 flare x 7/8-14 inch O-ring boss	1
14	237-6010	O-RING - 3/4 ID x 3/32 inch wide.	1
17	90-6889T1	TUBE - lubrication, regulator valve to PTO control valve	1
18	90-6894T1	BRACKET - clamp mounting, tube support.	1
19	515-23127	CLAMP - P-type, 1/2 inch ID, tube.	1
20	SM8121240	BOLT - hex, 12 - 1.75 x 40 mm	1
21	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.	4
22	425-106	NUT - hex, 3/8 inch NC	4
25	217-173	ADAPTER - straight, 1 stem end x 1-5/8-12 inch O-ring boss.	1
26	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
29	214-1420	CLAMP - adj, 13/16 - 1-3/4 inch dia, hose retaining	2
30	31-3188	HOSE - 2946 mm (116 inch) long, cut from S119717X bulk hose, suction, transmission, see below, replaces 31-2963 hose	1
33	90-7256T1	FLANGE - hose adapter, 1 inch hose end.	1
34	426-712	BOLT - hex, 7/16 NC x 5/8 inch, grade 8.	4
35	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss	1
36	237-6008	O-RING - 41/64 ID x 3/32 inch wide.	1
37	31-2537	CONNECTOR - orificed.	1
38	31-2908	HOSE - lube, PTO valve to PTO housing	1
39	218-845	TEE - 3/4-16 inch flare branch x flare x swivel	1
40	218-755	CAP - hex, 3/4-16 inch.	1
44	218-5351	ADAPTER - straight, 3/4-16 flare x 9/16-18 inch O-ring boss	1
45	237-6006	O-RING - 15/32 ID x 5/64 inch wide.	1
46	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	1
47	31-2361	CLAMP - P-type.	1
48	50-2037T1	STRAP - tie	1
49	50-3220T1	CONDUIT - hose, flex, 1829 mm (72 inch) long, cut from S119717X bulk conduit, see below.	1
50	22-824	STRAP - tie, 7 inch, not shown	3
	S118383X	HOSE - bulk, 25 (1) x 38 (1-1/2) x 4877 mm (192 inch) long	UAR
	S119717X	CONDUIT - bulk, 25 (1) ID x 4877 mm (192 inch) long	UAR



TRANSMISSION LUBRICATION
Transmission to PTO Transfer Case
SynchroShift Tractor

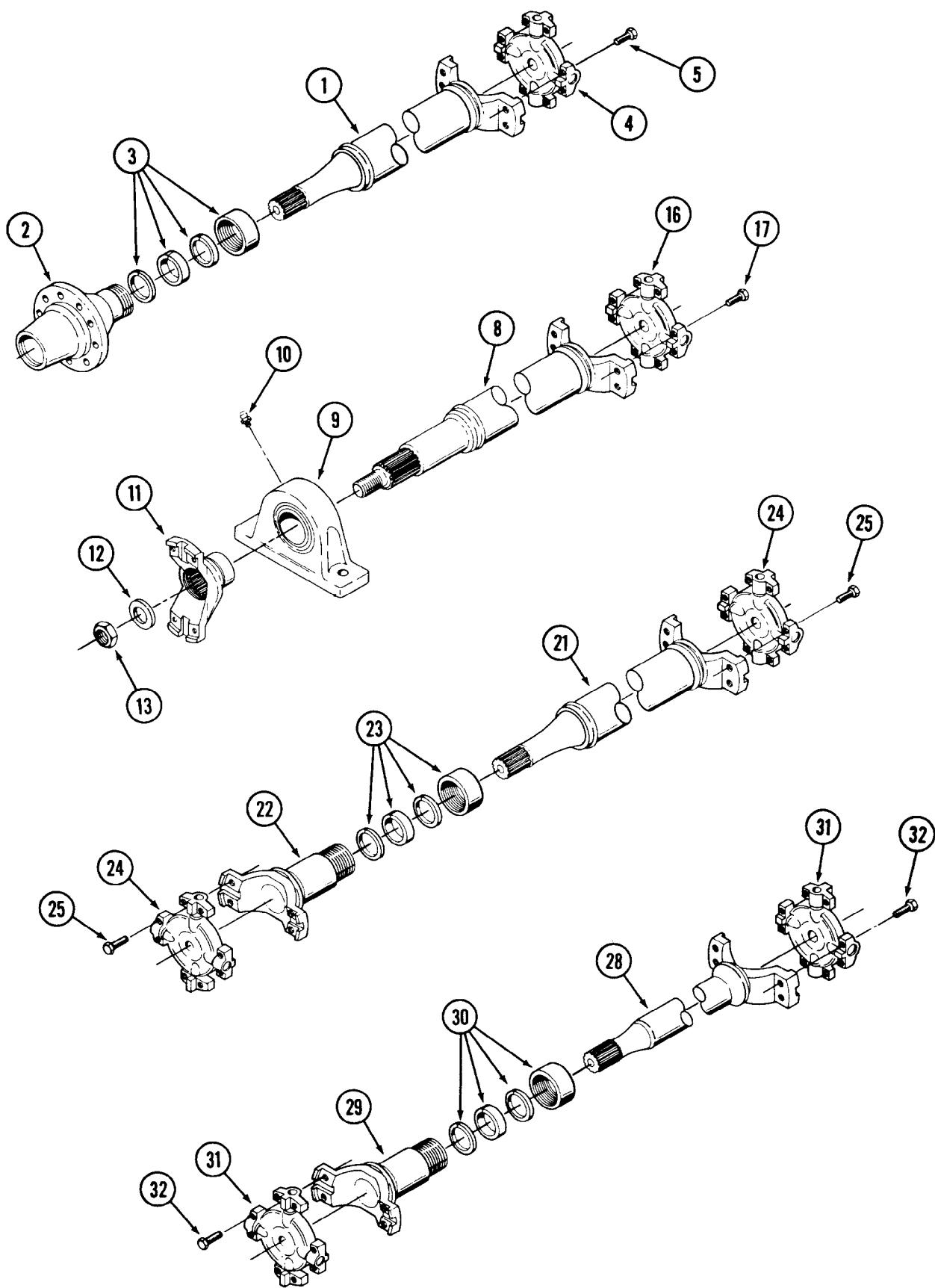
REF.	PART NO.	DESCRIPTION	REQ'D.
1	217-173	ADAPTER - straight, 1 stem end x 1-5/8-12 inch O-ring boss.....	1
2	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
3	31-3188	HOSE - 2946 mm (116 inch) long, cut from S119717X bulk hose, suction, transmission, see below, replaces 31-2963 hose	1
4	214-1420	CLAMP - adj, 13/16 - 1-3/4 inch dia.....	2
5	50-2037T1	STRAP - tie	1
6	31-2361	CLAMP - P-type.....	1
7	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	1
8	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	1
9	90-7256T1	FLANGE - hose adapter, 1 inch hose end.....	1
10	426-712	BOLT - hex, 7/16 NC x 5/8 inch, grade 8.....	4
11	218-5059	ADAPTER - straight, 3/4-16 inch flare x O-ring boss.....	1
12	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
13	31-2908	HOSE - lube, PTO valve to PTO housing	1
14	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss	1
15	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
16	31-2537	CONNECTOR - orificed.....	1
17	22-824	STRAP - tie, 7 inch	3
18	218-845	TEE - 3/4-16 inch flare branch x flare x swivel	1
19	218-755	CAP - hex, 3/4-16 inch.....	1
20	218-5351	ADAPTER - straight, 3/4-16 flare x 9/16-18 inch O-ring boss	1
21	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
22	515-23127	CLAMP - P-type, 1/2 inch ID	1
23	425-106	NUT - hex, 3/8 inch NC	2
24	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	2
25	50-3543T2	TUBE - lubrication, regulator sub plate to PTO housing	1
26	218-5173	ELBOW - 45 degree, 3/4-16 inch flare x swivel.....	1
27	90-6894T1	BRACKET - clamp mounting, tube support.....	1
28	218-5230	ELBOW - 90 degree, 3/4-16 inch flare x swivel.....	2
30	50-3544T2	TUBE - main pressure, regulator valve to PTO control valve	1
31	50-3220T1	CONDUIT - hose, flex, 1829 mm (72 inch) long, cut from S119717X bulk conduit, see below.....	1
32	218-5280	ELBOW - 90 degree, 3/4-16 flare x 9/16-18 inch adj O-ring boss	1
33	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
34	218-5121	ELBOW - 90 degree, 3/4-16 flare x 7/8-14 inch adj O-ring boss	1
35	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
36	218-5060	ADAPTER - straight, 3/4-16 flare x 7/8-14 inch O-ring boss	1
37	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
	S118383X	HOSE - bulk, 25 (1) x 38 (1-1/2) x 4877 mm (192 inch) long	UAR
	S119717X	CONDUIT - bulk, 25 (1) ID x 4877 mm (192 inch) long.....	UAR



9370, 9380, and 9390 Tractor
DRIVE SHAFTS AND MOUNTING

6-127

REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-7510T91	SHAFT ASSEMBLY - drive, engine to transmission (8C), Power Shift, parts list page 6-129	1
1	90-7690T91	SHAFT ASSEMBLY - drive, engine to transmission, SynchroShift, parts list page 6-131	1
2	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8	24
3	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	10
4	90-7558T1	DAMPER - vibration.....	1
5	90-7523T1	SHIELD - upper, drive shaft, SynchroShift	1
6	70-6412T1	WASHER - special.....	12
7	426-716	BOLT - hex, 7/16 NC x 1 inch, grade 8	12
12	90-7521T1	SHIELD - upper, drive shaft, Power Shift	1
13	90-6743T1	SHIELD - lower, drive shaft	1
16	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	4
17	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	4
18	231-1445	NUT - hex, self-locking, 5/16 inch NC	4
19	426-828	BOLT - hex, 1/2 NC x 1-3/4 inch, grade 8	2
21	425-1012	NUT - hex, 3/4 inch NC	2
22	496-31081	WASHER - flat, 13/16 x 1-1/2 x 7/32 inch, hardened	2
23	426-12144	BOLT - hex, 3/4 NC x 9 inch, grade 8	2
24	90-7628T91	SHAFT ASSEMBLY - drive, intermediate shaft to rear axle (8C), parts list pages 6-129 and 6-131	1
25	90-1902T93	SHAFT ASSEMBLY - drive, front axle to transmission, parts list page 6-129, Power Shift.....	1
25	90-7691T91	SHAFT ASSEMBLY - drive, front axle to transmission, parts list page 6-131, Synchroshift	1
26	90-7376T91	SHAFT ASSEMBLY - drive, intermdiate transmission to hanger bearing, parts list pages 6-129 and 6-131	1

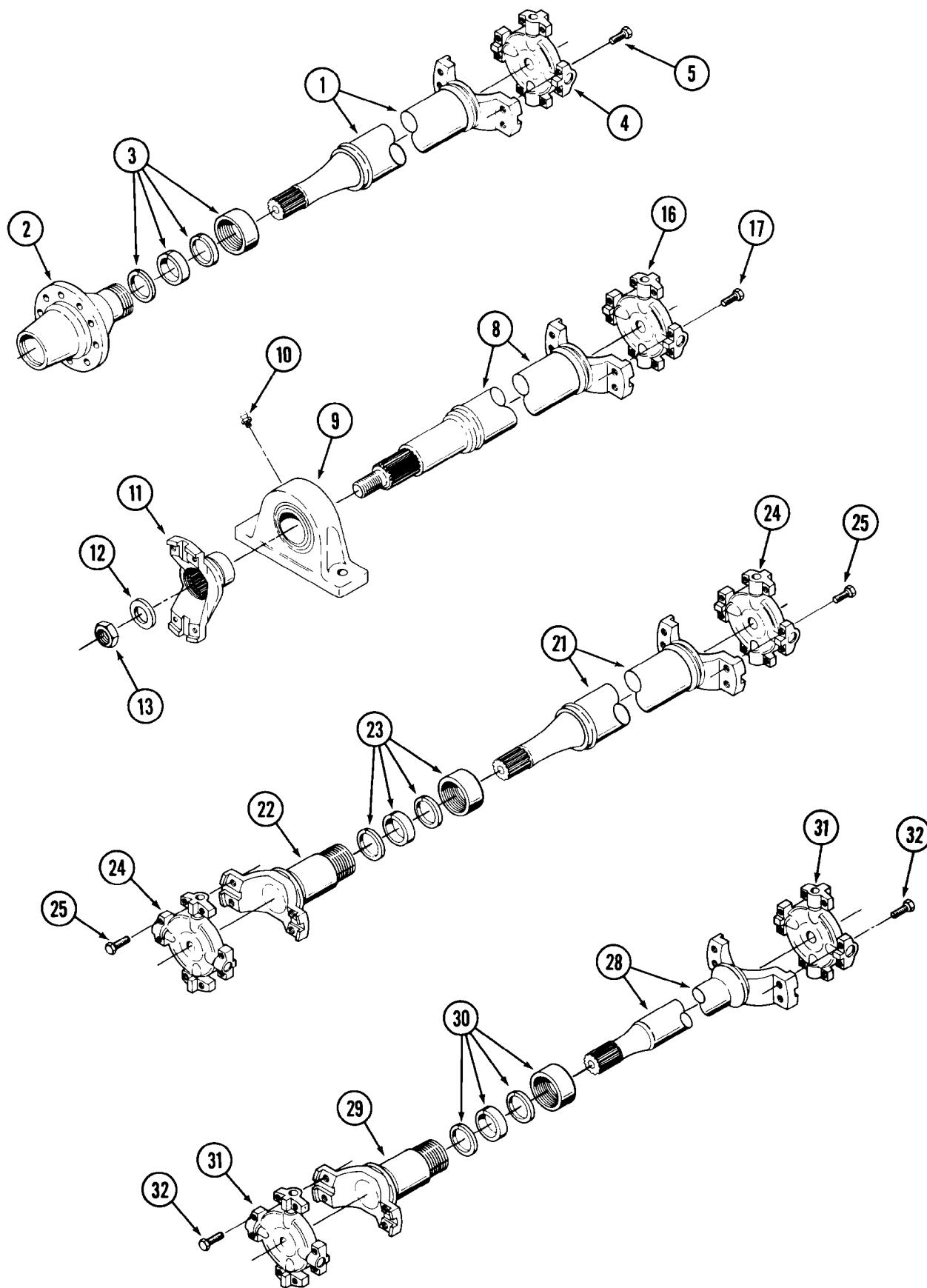


DRIVE SHAFT ASSEMBLIES

Power Shift Tractor

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7510T91	SHAFT ASSEMBLY - drive, engine to transmission (8C)	1
1	NSS	SHAFT - slip yoke	1
2	NSS	SHAFT - flanged.	1
3	2-3842T1	SEAL - shaft retainer	1
4	1-9994T3	SPIDER - shaft, 8C	1
5	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8.	8
	* 90-7628T91	SHAFT ASSEMBLY - drive, intermediate shaft to rear axle (8C)	1
8	NSS	SHAFT - tube	1
9	* 90-7378T1	BEARING - block, shaft	1
10	* 219-1	FITTING - grease, straight, 1/8 PT x 21/32 inch	1
11	90-7379T1	YOKE - shaft	1
12	396-11131	WASHER - flat, 1-5/16 x 2-1/2 x 9/64 inch, hardened	1
13	131-487	NUT - heavy hex, self-locking, 1-1/4 - 18 inch	1
16	1-9994T3	SPIDER - shaft, 8C	1
17	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8.	8
	90-7376T91	SHAFT ASSEMBLY - drive, intermdiate transmission to hanger bearing	1
21	NSS	SHAFT - slip yoke	1
22	NSS	SHAFT - tube, includes a replaceable 219-1 grease fitting	1
23	2-3842T1	SEAL - shaft retainer	1
24	1-9994T3	SPIDER - shaft, 8C	2
25	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8.	8
	90-1902T93	SHAFT ASSEMBLY - drive, front axle to transmission	1
28	NSS	SHAFT - slip yoke	1
29	NSS	SHAFT - tube, includes a replaceable 219-1 grease fitting	1
30	2-3842T1	SEAL - shaft retainer	1
31	1-9994T3	SPIDER - shaft, 8C	2
32	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8.	8

***NOTE:** 90-7628T91 does not include bearing block and grease fitting, items 9 and 10.
Order these parts separately.

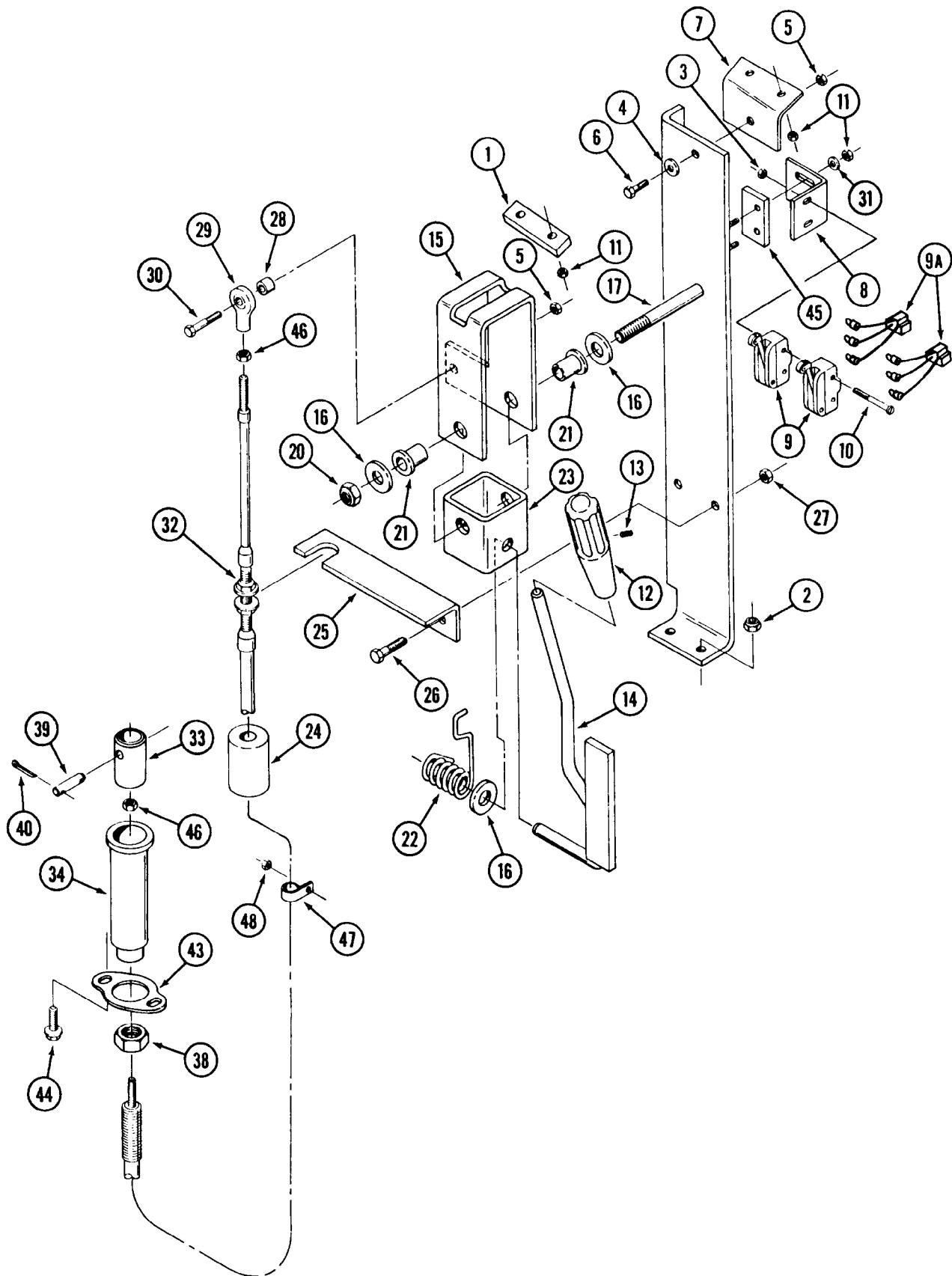


DRIVE SHAFT ASSEMBLIES

SynchroShift Tractor

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7690T91	SHAFT ASSEMBLY - drive, engine to transmission	1
1	NSS	SHAFT - slip yoke	1
2	NSS	SHAFT - flanged.	1
3	2-3842T1	SEAL - shaft retainer	1
4	1-9994T3	SPIDER - shaft, 8C	1
5	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8.	8
	* 90-7628T91	SHAFT ASSEMBLY - drive, intermediate shaft to rear axle (8C)	1
8	NSS	SHAFT - tube	1
9	* 90-7378T1	BEARING - block, shaft	1
10	* 219-1	FITTING - grease, straight, 1/8 PT x 21/32 inch	1
11	90-7379T1	YOKE - shaft	1
12	396-11131	WASHER - flat, 1-5/16 x 2-1/2 x 9/64 inch, hardened	1
13	131-487	NUT - heavy hex, self-locking, 1-1/4 - 18 inch	1
16	1-9994T3	SPIDER - shaft, 8C	1
17	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8.	8
	90-7376T91	SHAFT ASSEMBLY - drive, intermdiate transmission to hanger bearing	1
21	NSS	SHAFT - lip yoke	1
22	NSS	SHAFT - tube, includes a replaceable 219-1 grease fitting, not shown	1
23	2-3842T1	SEAL - shaft retainer	1
24	1-9994T3	SPIDER - shaft, 8C	2
25	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8.	8
	90-7691T91	SHAFT ASSEMBLY - drive, front axle to transmission	1
28	NSS	SHAFT - slip yoke	1
29	NSS	SHAFT - tube, includes a replaceable 219-1 grease fitting, not shown	1
30	2-3842T1	SEAL - shaft retainer	1
31	1-9994T3	SPIDER - shaft, 8C	2
32	428-832	BOLT - hex, 1/2 NF x 2 inch, grade 8.	8

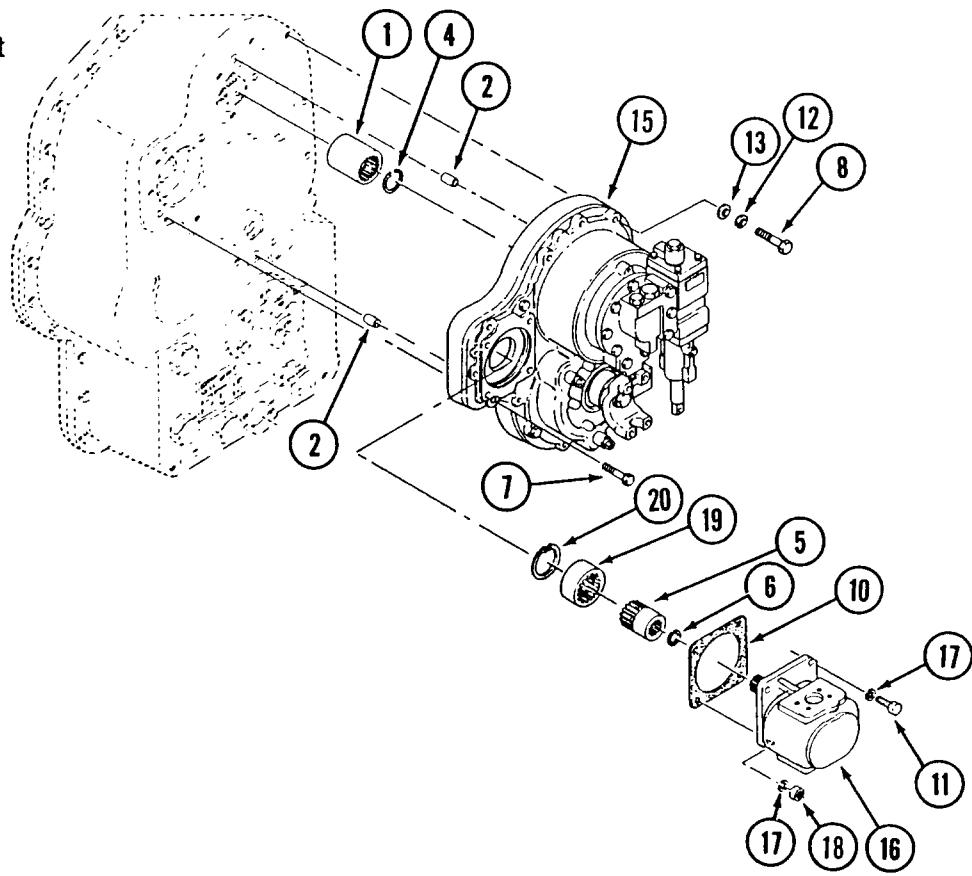
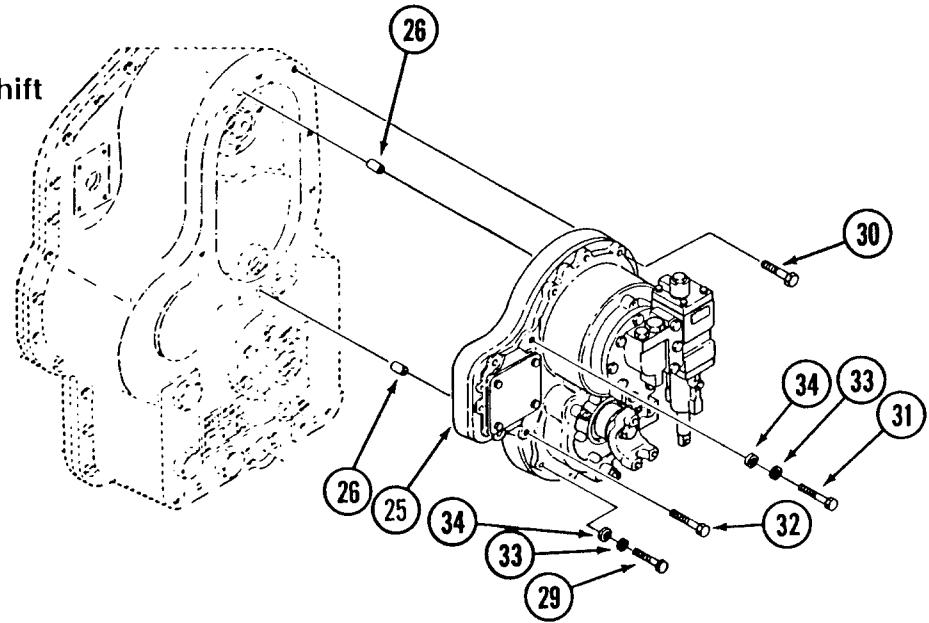
***NOTE:** 90-7628T91 does not include bearing block and grease fitting, items 9 and 10.
Order these parts separately.



**9370, 9380, and 9390 Tractor
PTO CONTROLS**

6-133

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-4269T1	STRIP - wear, lever	1
2	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
3	225-14104	NUT - hex, No. 4 NC	2
4	231-1444	NUT - hex, self-locking, 1/4 inch NC	1
5	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	2
6	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8	1
7	60-4270T1	BRACKET - support, console to mounting bracket	1
8	60-5608T1	BRACKET - micro switch mounting	1
	20-2340T91	SWITCH ASSEMBLY - micro, neutral safety and PTO tachometer, no longer available, order component parts separately	2
9	20-2333T1	SWITCH - micro	1
9A	60-2666T1	WIRE - switch	1
10	19-6236	SCREW - machine, pan head slotted, No. 4 NC x 1-3/4 inch	2
11	230-14409	NUT - hex, self-locking, No. 10 NC	6
12	60-4272T1	KNOB - lever, PTO actuating	1
13	19-5798	SCREW - set, No. 8 NC	1
14	60-4265T2	LEVER - actuating, PTO	1
15	60-4296T2	BRACKET - cable actuating	1
16	496-21053	WASHER - flat, 17/32 x 1-1/16 x 1/8 inch, hardened	3
17	60-5858T1	BRACKET - mounting, PTO controls	1
20	231-1448	NUT - hex, self-locking, 1/2 inch NC	1
21	90-4367T1	BUSHING - pivot	2
22	60-4294T1	SPRING - tension	1
23	60-4293T1	TRUNNION - lever	1
24	60-6066T1	SEAL - foam, cab floor to cable	1
25	60-5020T1	BRACKET - cable mounting	1
26	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8	2
27	19-5777	NUT - hex, special	2
28	60-5021T1	SPACER - rod end	1
29	A146456	JOINT - ball, 1/4 inch NF, cable, PTO	1
30	426-424	BOLT - hex, 1/4 NC x 1-1/2 inch, grade 8	1
31	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch	2
32	60-5726T1	CABLE - actuating, PTO	1
33	60-6240T1	YOKES - cable	1
34	90-8047T1	GUARD - cable	1
38	425-1512	NUT - hex, jam, 3/4 inch NF	1
39	19-6041	PIN - headless	1
40	32-212	PIN - cotter, 1/32 x 3/4 inch	2
43	90-8048T1	RETAINER - cable guard	1
44	458-412	BOLT - hex flange, 1/4 NC x 3/4 inch	2
45	60-5609T1	SPACER - switch mounting	1
46	425-114	NUT - hex, 1/4 inch NF	2
47	515-23127	CLAMP - P-type, 1/2 inch ID, tube	1
48	425-105	NUT - hex, 5/16 inch NC	1

PowerShift**SynchroShift**

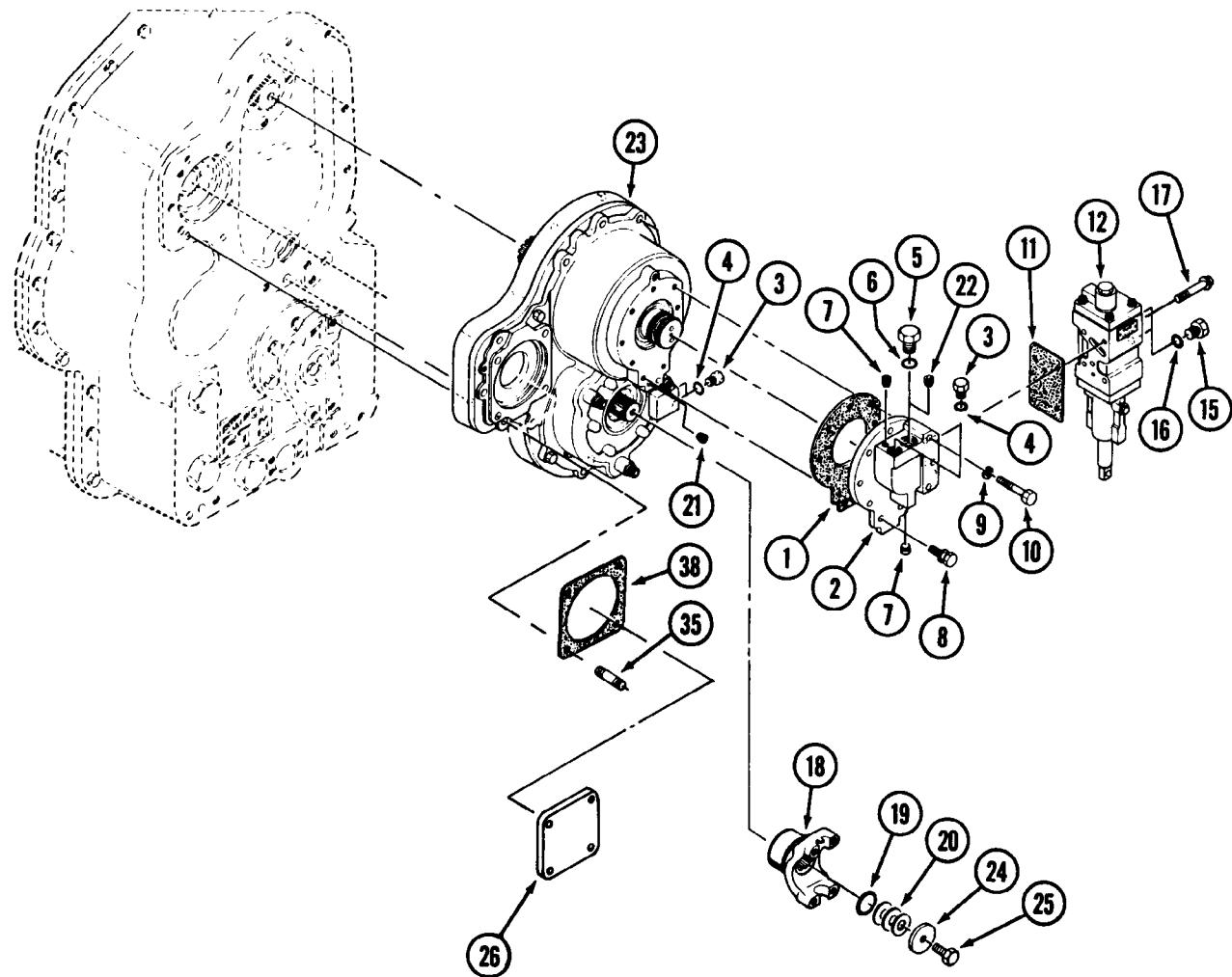
9370, 9380, and 9390 Tractor
PTO CLUTCH MOUNTING
Power Shift Tractor

6-135

REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-7517T1	SLEEVE - drive coupling	1
2	33-1467T1	PIN - dowel	2
4	SM922247	RING - snap.....	1
5	33-1528T1	ADAPTER - pump drive, used only when equipped with PTO, see page 6-7 for adapter used on models without PTO	1
6	33-1446T1	RING - snap.....	1
7	SM8124280	BOLT - hex, 12 - 1.25 x 95 mm.....	4
8	SM8124290	BOLT - hex, 12 - 1.25 x 90 mm.....	8
8	SM8124295	BOLT - hex, 12 - 1.25 x 95 mm.....	2
8	SM8124285	BOLT - hex, 12 - 1.25 x 85 mm.....	1
10	50-1388T2	GASKET - pump	1
11	SM8124460	BOLT - hex, 8 - 1.50 x 60 mm	2
12	SM8915342	WASHER - lock, 12 mm	3
13	895-11012	WASHER - flat, 13.5 x 24 x 2.5 mm	3
15	90-7045T93	CLUTCH ASSEMBLY - PTO, parts list pages 6-133 through 6-139	1
16	33-1524T91	PUMP ASSEMBLY - transmission lubrication, parts list page 6-31.....	1
17	892-11014	WASHER - lock, 14 mm	4
18	SM8911244	NUT - hex, 14 mm - 1.5.....	2
19	33-1452T1	COUPLING - pump	1
20	33-1445T1	RING - snap.....	1

SynchroShift Tractors

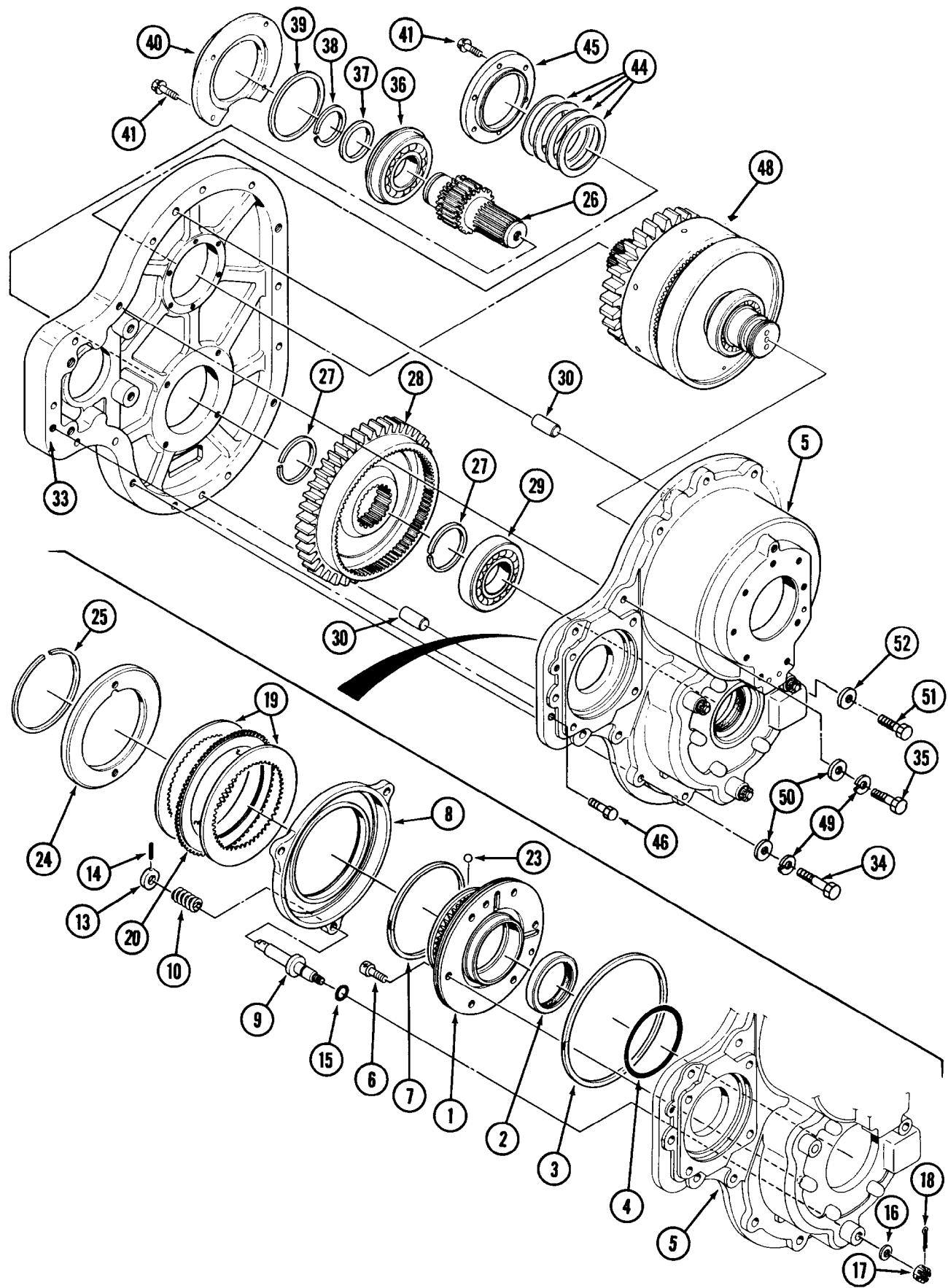
25	90-7045T93	CLUTCH ASSEMBLY - PTO, parts list page 6-137 through 6-143.....	1
26	33-1467T1	PIN - dowel	2
29	SM8124295	BOLT - hex, 12 - 1.25 x 95 mm	2
30	SM8124290	BOLT - hex, 12 - 1.25 x 90 mm	10
31	SM8124285	BOLT - hex, 12 - 1.25 x 85 mm	1
32	SM8124280	BOLT - hex, 12 - 1.25 x 95 mm	1
33	SM8915342	WASHER - lock, 12 mm	5
34	895-11012	WASHER - flat, 13.5 x 24 x 2.5 mm	5



**9370, 9380, and 9390 Tractor
PTO CLUTCH ASSEMBLY**

6-137

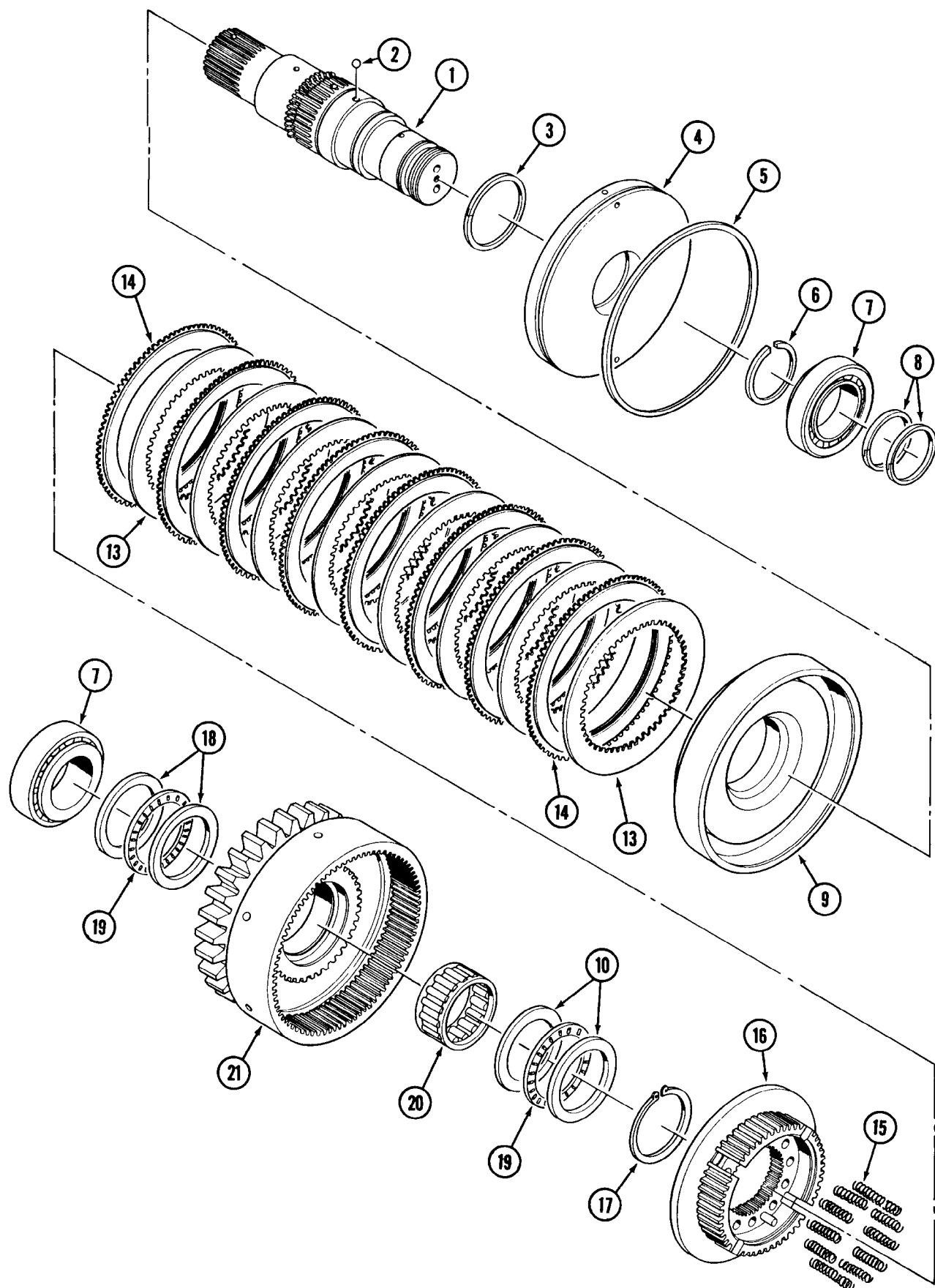
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7045T93	CLUTCH ASSEMBLY - PTO, clutch, also includes parts listed on page 6-137 through 6-143	1
1	*S8540S01F	GASKET - servo housing	1
2	S8530S00F	HOUSING - PTO servo	1
3	S1030S00F	PLUG - hex, O-ring boss	3
4	*S1040S00F	O-RING - plug	3
5	S8550S00F	PLUG - O-ring boss	1
6	*S8560S00F	O-RING - plug	1
7	STX99700F	PLUG - orifice	2
8	SM8124030	BOLT - hex, 10 mm - 1.25 x 30 mm	6
9	892-11010	WASHER - lock, 10 mm	3
10	SM8124080	BOLT - hex, 10 mm - 1.25 x 80 mm	3
11	*S9510S01F	GASKET - control valve, replaces S9510S00F gasket	1
12	S9500S00F	VALVE ASSEMBLY - PTO control, parts list page 6-143	1
15	S1390S00F	PLUG - O-ring boss	2
16	S1320S00F	O-RING - plug	2
17	SM8120880	BOLT - hex, 8 mm - 1.25 x 80 mm	4
18	90-7005T1	YOKE - PTO output	1
19	*S8950S00F	O-RING - yoke seal	1
20	S9950S00F	SHIM - 0.1 mm thick, yoke	UAR
20	S9960S00F	SHIM - 0.3 mm thick, yoke	UAR
20	S9970S00F	SHIM - 0.51 mm thick, yoke	UAR
20	S9980S00F	SHIM - 0.71 mm thick, yoke	UAR
21	S8930S00F	PLUG - orifice	1
22	S8920S00F	PLUG - orifice	1
23	REF	HOUSING - PTO clutch, parts list page 6-139	1
24	S8860S00F	WASHER - flat	1
25	514-1021	BOLT - hex, 16 - 1.5 x 35 mm, class 10.9, replaces SM8134635 bolt	1
26	90-7519T1	COVER - lubrication pump	1
35	SM8267455	STUD - 14 - 1.5 x 55 mm	2
38	*50-1388T2	GASKET - pump	1
	*S9870S01F	KIT - overhaul, PTO clutch, includes all items marked with an asterisk on pages 6-137 through 6-143	1



9370, 9380, and 9390 Tractor
PTO CLUTCH ASSEMBLY

6-139

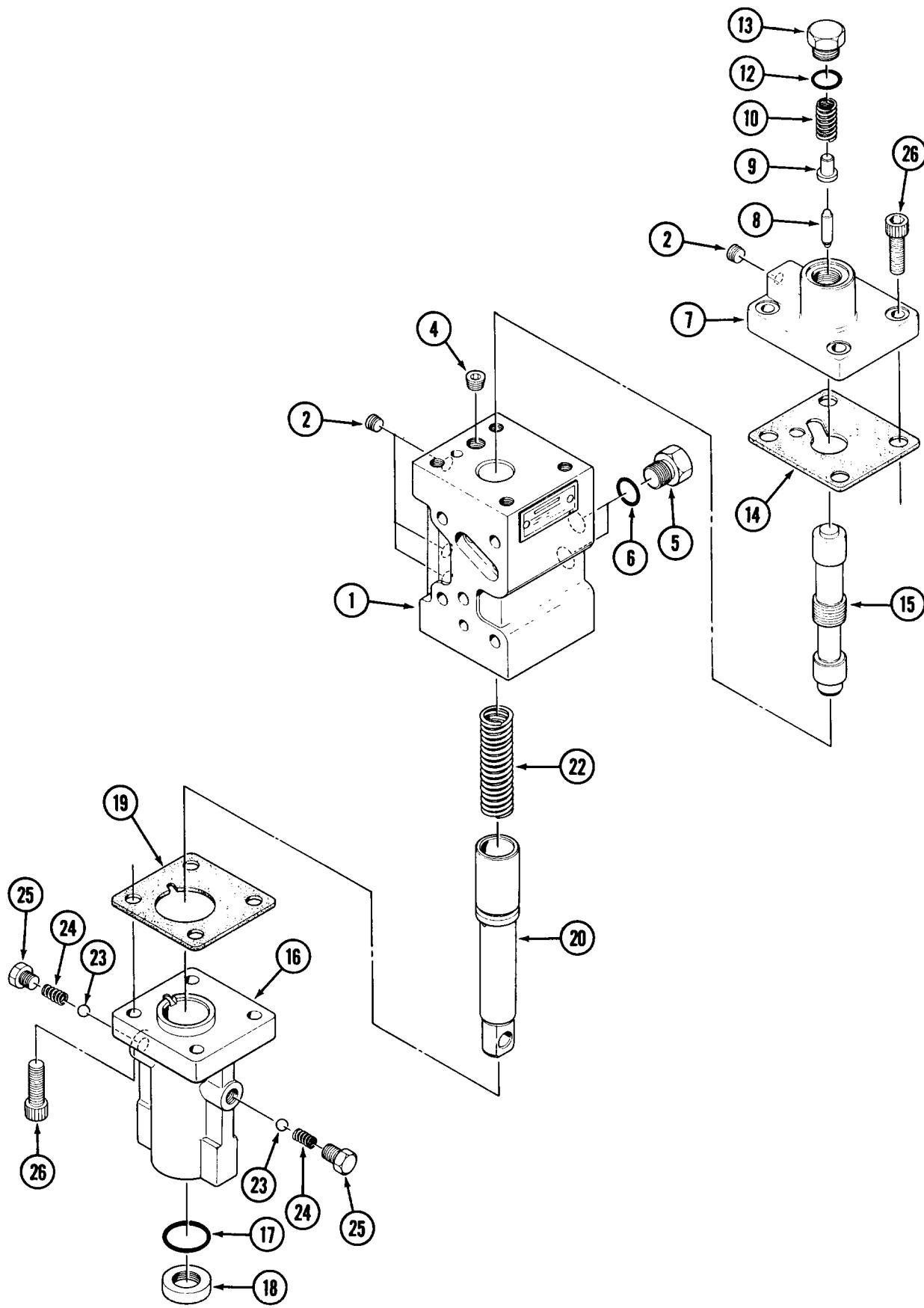
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7045T93	CLUTCH ASSEMBLY - PTO, clutch, also includes parts listed on page 6-137 through 6-143	1
1	S8740S00F	HUB - clutch brake	1
2	*S8820S00F	SEAL - oil	1
3	*S2630S00F	RING - sealing	1
4	*S8850S00F	O-RING - hub seal	1
5	S8520S02F	HOUSING - PTO	1
6	S8840S00F	BOLT - socket head, special	6
7	*S8960S00F	RING - sealing	1
8	S8750S00F	PISTON - brake	1
9	S8890S00F	PIN - guide	3
10	S8910S00F	SPRING - compression	3
13	S9900S00F	WASHER - spring retaining	3
14	S9890S00F	PIN - roll	3
15	*S8900S00F	O-RING - seal	3
16	895-11010	WASHER - flat, 11 x 20 x 2 mm	3
17	SM8911040	NUT - slotted, 10 mm - 1.5	3
18	SM9212221	PIN - cotter	3
19	S2080S00F	PLATE - steel, 2.4 mm thick	2
20	33-1518T2	PLATE - friction	1
23	SM3272036	BALL - steel	1
24	S8760S00F	PLATE - reaction	1
25	S8770S00F	RING - retaining	1
26	S8790S00F	SHAFT - output	1
27	S2240S00F	RING - retaining	2
28	S8780S00F	GEAR - driven	1
29	ST293	BEARING - ball	1
30	33-1467T1	PIN - dowel	2
33	S8510S03F	COVER - PTO	1
34	SM8124280	BOLT - hex, 12 - 1.25 x 95 mm	3
35	SM8124285	BOLT - hex, 12 - 1.25 x 85 mm	1
36	S8810S00F	BEARING - ball	1
37	S8970S00F	WASHER - bearing spacer	1
38	S8980S00F	RING - retaining	1
39	S9990S00F	SHIM - bearing retainer	1
40	S8990S00F	RETAINER - bearing	1
41	SM8120830	BOLT - hex, 8 - 1.25 x 30 mm	10
44	S9910S00F	SHIM - 0.1 mm thick, clutch pack	UAR
44	S9920S00F	SHIM - 0.3 mm thick, clutch pack	UAR
44	S9930S00F	SHIM - 0.5 mm thick, clutch pack	UAR
44	S9940S00F	SHIM - 0.7 mm thick, clutch pack	UAR
45	S8570S00F	RETAINER - shaft	1
46	SM8124230	BOLT - hex, 12 - 1.25 x 30 mm	1
48	S8590S00A	PACK ASSEMBLY - clutch, PTO, replaced by S8590S01A pack, parts list page 6-141	1
48	S8590S01A	PACK ASSEMBLY - clutch, PTO, replaces S8590S00A pack, parts list page 6-141	1
49	SM8915342	WASHER - lock, 12 mm	5
50	895-11012	WASHER - flat, 13.5 x 24 x 2.5 mm	5
51	SM8124290	BOLT - hex, 12 - 1.25 x 90 mm	10
52	895-11012	WASHER - flat, 13.5 x 24 x 2.5 mm	10
	*S9870S01F	KIT - overhaul, PTO clutch, includes items marked with an asterisk on pages 6-137 through 6-143	1



9370, 9380, and 9390 Tractor
PTO CLUTCH ASSEMBLY
Clutch Pack Assembly

6-141

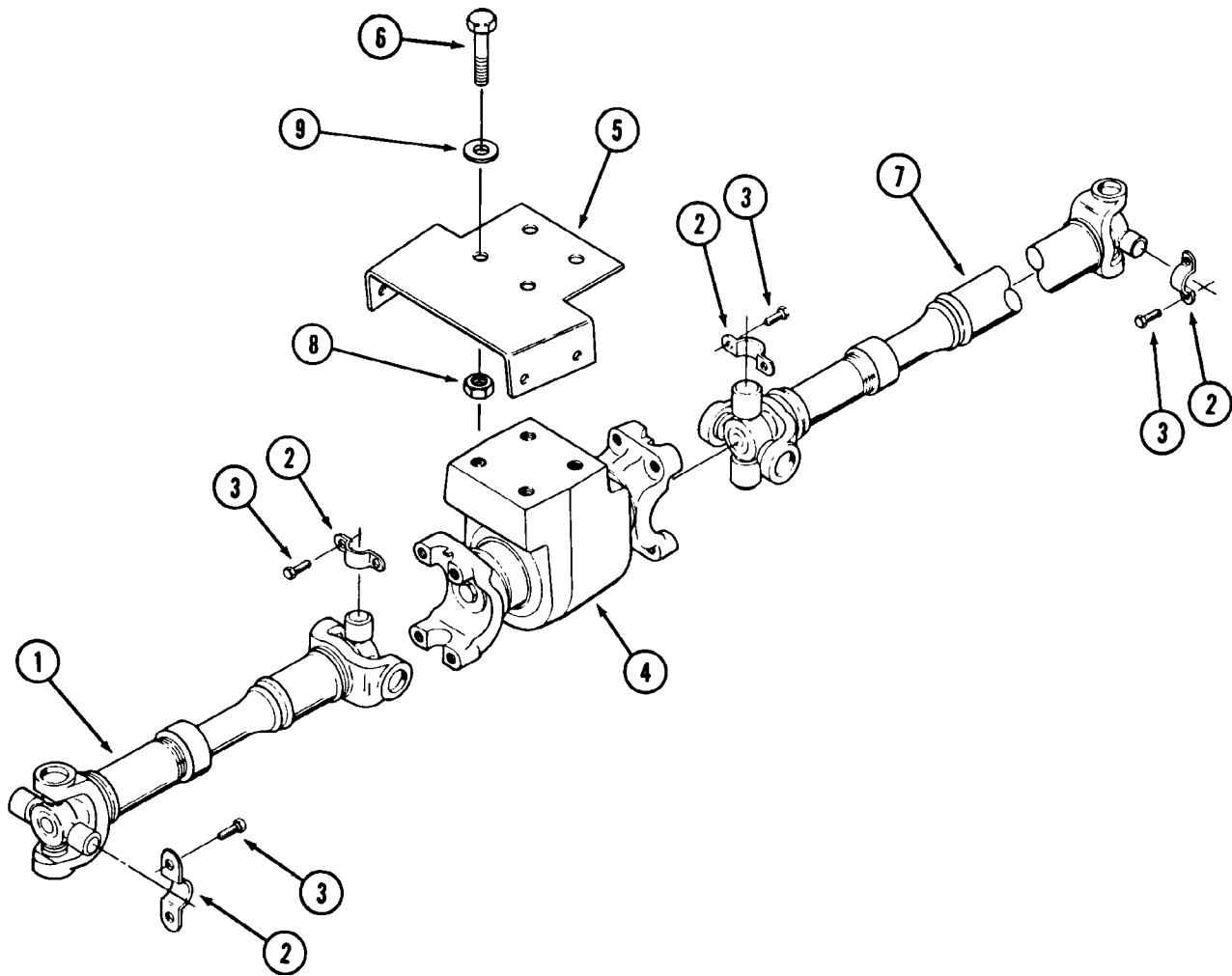
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7045T93	CLUTCH ASSEMBLY - PTO, includes parts listed on pages 6-137 through 6-143	1
	S8590S00A	PACK ASSEMBLY - clutch, PTO, replaced by S8590S01A pack	1
	S8590S01A	PACK ASSEMBLY - clutch, PTO, replaces S8590S00A pack.	1
1	S8610S01A	SHAFT - input, PTO, replaces S8610S00A shaft	1
2	SM3272036	BALL - steel	1
3	*S2610S00F	RING - piston	1
4	S9190S00F	PLATE - reaction.	1
5	*S2630S00F	RING - sealing	1
6	S2240S00F	RING - retaining	1
7	S8730S00F	BEARING - roller.	2
8	*S3070S00F	RING - sealing	2
9	33-1526T1	PISTON - clutch	1
10	S2220S00F	WASHER - thrust, 2.4 mm	2
13	S2090S00F	PLATE - steel, 2.1 mm thick	8
14	33-1518T2	PLATE - friction.	8
15	S8690S00F	SPRING - compression.	12
16	S9850S00A	HUB - clutch	1
17	S2100S00F	RING - snap	1
18	H144527	WASHER - thrust, bearing, 3.2 mm, replaces S2200S00F washer	2
19	572182R1	BEARING - needle, thrust, replaces S2230S00F bearing	2
20	S2030S00F	BEARING - roller.	1
21	S8700S00A	GEAR - drive.	1
	*S9870S01F	KIT - overhaul, PTO clutch, includes items marked with an asterisk on pages 6-137 through 6-143	1



9370, 9380, and 9390 Tractor
PTO CLUTCH ASSEMBLY
Control Valve Assembly

6-143

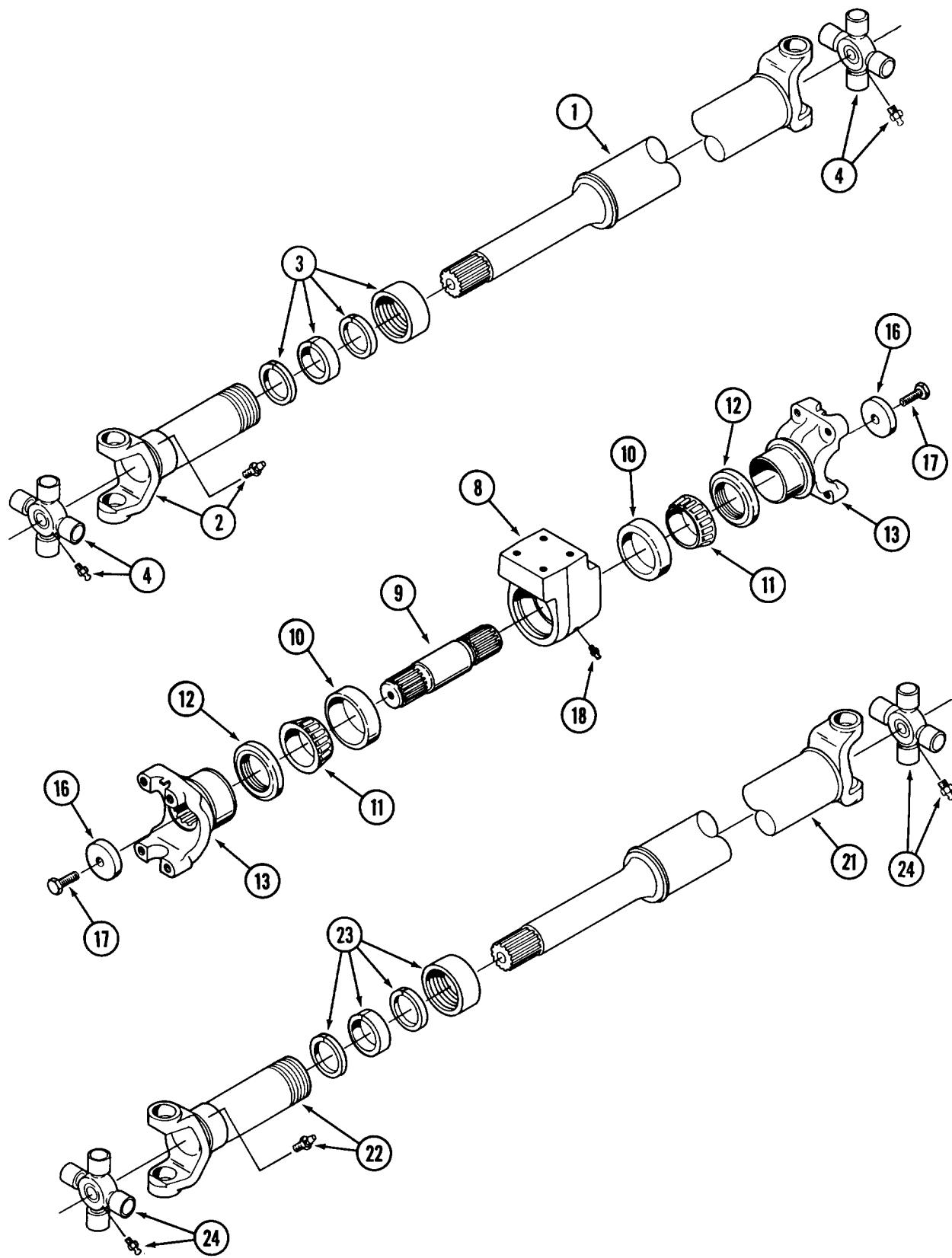
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7045T93	CLUTCH ASSEMBLY - PTO, includes parts listed on pages 6-137 through 6-143, continued.....	1
1	S9500S00F	VALVE ASSEMBLY - PTO control.....	1
2	S9580S00F	BODY - modulator.....	1
4	S9720S00F	PLUG - pipe	4
5	S9730S00F	PLUG - orifice	1
6	S1390S00F	PLUG - O-ring boss	2
7	S1320S00F	O-RING - plug.....	2
8	S9610S00F	COVER - valve	1
9	S9620S00F	SPOOL - reducing, valve	1
10	S9640S00F	PIN - centering	1
12	S9650S00F	SPRING - compression.....	1
13	S9660S00F	O-RING - plug.....	1
14	*S9670S00F	PLUG - O-ring boss	1
15	S9590S00F	GASKET - cover.....	1
16	S9550S00F	SPOOL - modulator	1
17	S9540S00F	COVER - control stem	1
18	S9530S00F	O-RING - seal	1
19	*S9570S00F	SEAL - control stem	1
20	S9520S00F	GASKET - stem cover.....	1
22	S9560S00F	STEM - control	1
23	S9690S00F	SPRING - compression.....	1
24	S9700S00F	BALL - steel	2
25	S9710S00F	SPRING - compression.....	2
26	S9680S00F	PLUG - hex.....	2
		BOLT - hex	8
	*S9870S01F	KIT - overhaul, PTO clutch, includes all items marked with an asterisk on pages 6-137 through 6-143.....	1



9370, 9380, and 9390 Tractor
PTO DRIVE SHAFT MOUNTING

6-145

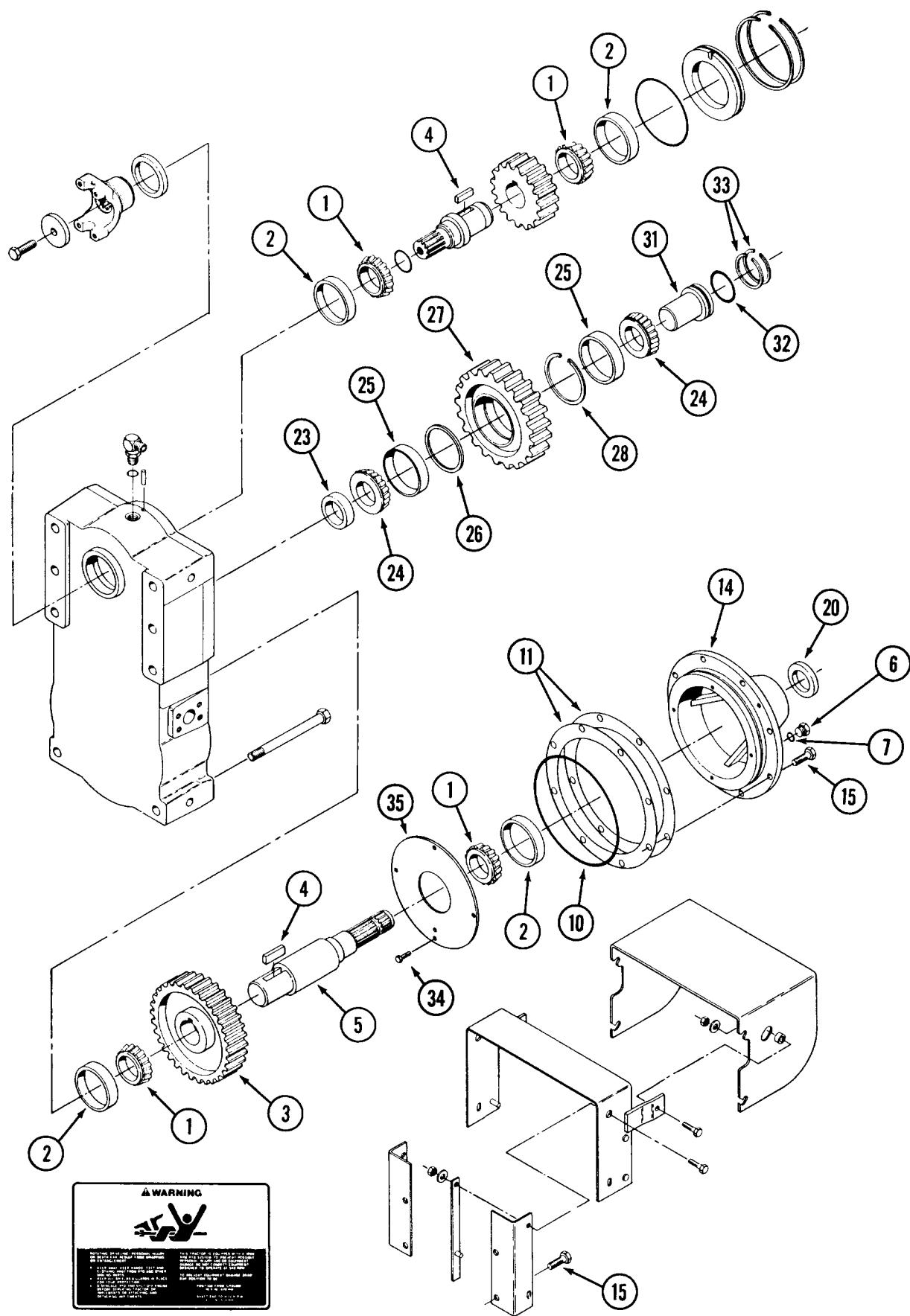
REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-7008T91	SHAFT ASSEMBLY - drive, PTO, parts list page 6-147	1
2	L116943	RETAINER - drive shaft.....	8
3	L116940	BOLT - 12-point, 3/8 NF x 3/4 inch, grade 8	16
4	90-7037T91	HANGER ASSEMBLY - drive shaft bearing, parts list page 6-147	1
5	50-3429T1	BRACKET - mounting, bearing	1
6	426-1048	BOLT - hex, 5/8 NC x 3 inch, grade 8	4
7	90-7383T91	SHAFT ASSEMBLY - drive, PTO rear, parts list page 6-147	1
8	425-1010	NUT - hex, 5/8 inch NC, bracket mounting without PTO	4
9	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	4



9370, 9380, and 9390 Tractor
PTO DRIVE SHAFT ASSEMBLIES

6-147

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7008T91	SHAFT ASSEMBLY - drive, PTO	1
1	NSS	SHAFT - slip yoke	1
2	NSS	SHAFT - flanged, includes a replaceable 219-1 grease fitting.	1
3	33-1001T1	SEAL - shaft retainer	1
4	S300313	SPIDER - shaft.	2
5	S92378	RING - snap, not shown, only 2 required in this application.	4
	90-7037T91	HANGER ASSEMBLY - drive shaft bearing	1
8	90-6446T1	HOUSING - hanger bearing	1
9	90-1930T1	SHAFT - drive, center.	1
10	22396V	CUP - tapered roller bearing	2
11	25695HO	CONE - tapered roller bearing	2
12	90-1934T2	SEAL - grease	2
13	90-7006T1	YOKES - shaft	2
16	19-5864	WASHER - flat, 5/8 x 2-3/4 x 1/2 inch	2
17	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	2
18	219-1	FITTING - grease, straight, 1/8 PT x 21/32 inch	1
	90-7383T91	SHAFT ASSEMBLY - drive, PTO rear.	1
21	NSS	SHAFT - slip yoke	1
22	NSS	SHAFT - flanged, includes a replaceable 219-1 grease fitting.	1
23	33-1001T1	SEAL - shaft retainer	1
24	S300313	SPIDER - shaft.	2
25	S92378	RING - snap, not shown, only 2 required in this application.	4



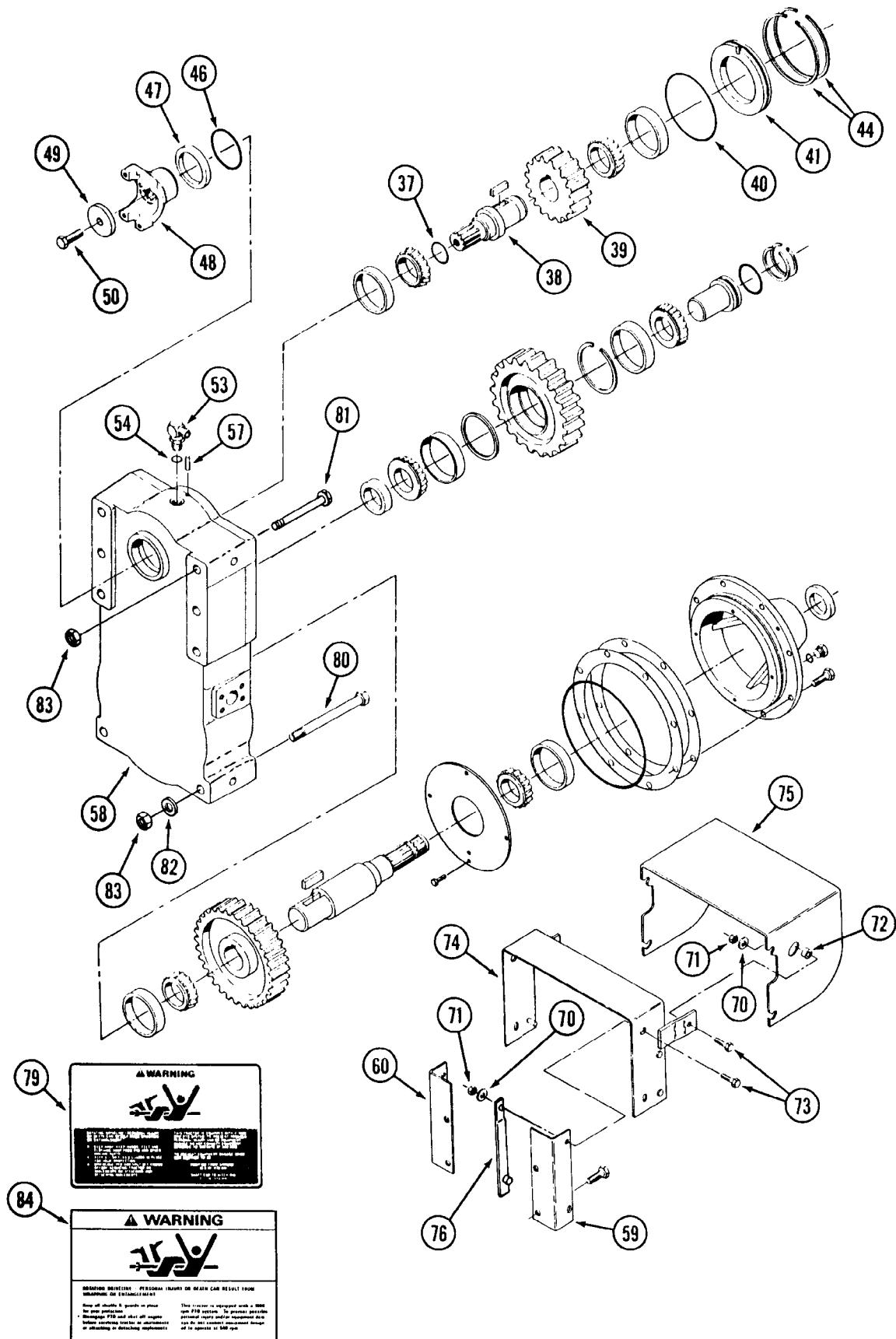
9370, 9380, and 9390 Tractor
PTO TRANSFER CASE ASSEMBLY

6-149

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7039T92	CASE ASSEMBLY - transfer, PTO	1
1	L33289	CONE - tapered roller bearing, 2-1/4 inch ID	4
2	90-1996T1	CUP - tapered roller bearing, replaces 105497H cup	4
3	90-4402T1	GEAR - output, 54 teeth	1
4	90-1173T1	KEY - shaft	2
5	90-4401T1	SHAFT - output	1
6	218-5156	PLUG - hex, 3/4-16 inch O-ring boss	1
7	237-6008	O-RING - 41/64 ID x 3/32 inch wide	1
10	1-2270	O-RING - end cap, 9-1/4 x 9-1/2 inch	1
11	90-4410T1	SHIM - end cap, 0.005 inch thick	UAR
11	90-4411T1	SHIM - end cap, 0.007 inch thick	UAR
11	90-4412T1	SHIM - end cap, 0.02 inch thick	UAR
14	90-4420T2	CAP - end, PTO output	1
15	426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	8
20	90-1995T1	SEAL - oil	1
23	90-4425T2	BUSHING - spacer, center shaft	1
24	90-3580T1	CONE - tapered roller bearing	2
25	90-3581T1	CUP - tapered roller bearing	2
26	90-3577T1	SPACER - gear, center shaft	1
27	90-4403T1	GEAR - center, 49 teeth	1
28	19-6058	RING - snap	1
31	90-4418T1	PIN - center shaft	1
32	90-4424T1	O-RING - seal, 2-3/8 x 2-5/8 inch	1
33	90-5743T1	RING - snap, 0.065 inch thick, see note	UAR
33	90-5744T1	RING - snap, 0.069 inch thick, see note	UAR
33	90-5745T1	RING - snap, 0.073 inch thick, see note	UAR
33	90-5746T1	RING - snap, 0.077 inch thick, see note	UAR
33	90-5747T1	RING - snap, 0.081 inch thick, see note	UAR
33	90-5748T1	RING - snap, 0.085 inch thick, see note	UAR
33	90-5749T1	RING - snap, 0.089 inch thick, see note	UAR
33	90-5750T1	RING - snap, 0.093 inch thick, see note	UAR
34	426-58	BOLT - hex, 5/16 NC x 1/2 inch, grade 8	4
35	90-4409T2	BAFFLE - oil	1

NOTE: When using snap ring item 33, quantity 2 is required. Use the thickness needed.

Continued on next page

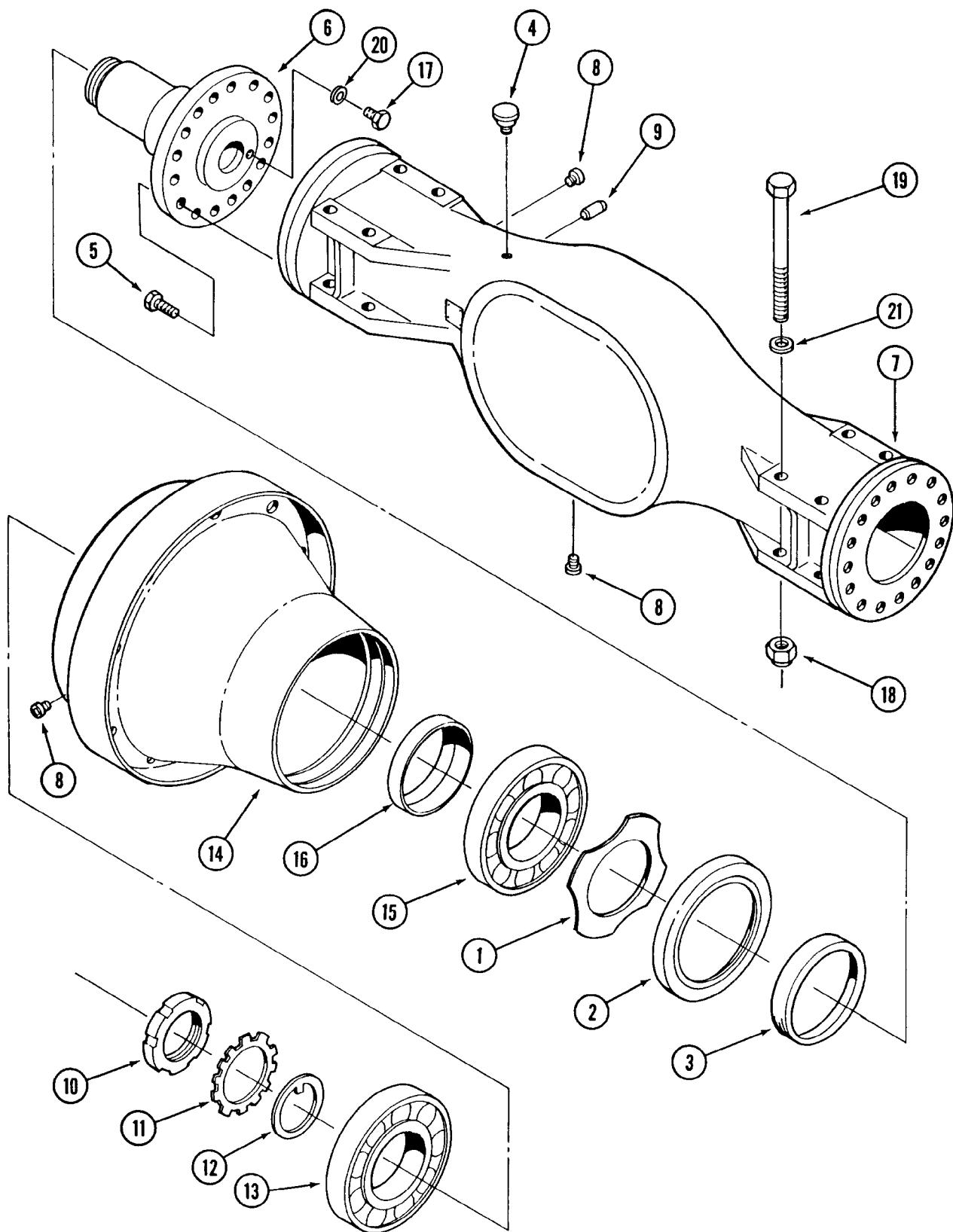


9370, 9380, and 9390 Tractor
PTO TRANSFER CASE ASSEMBLY

6-151

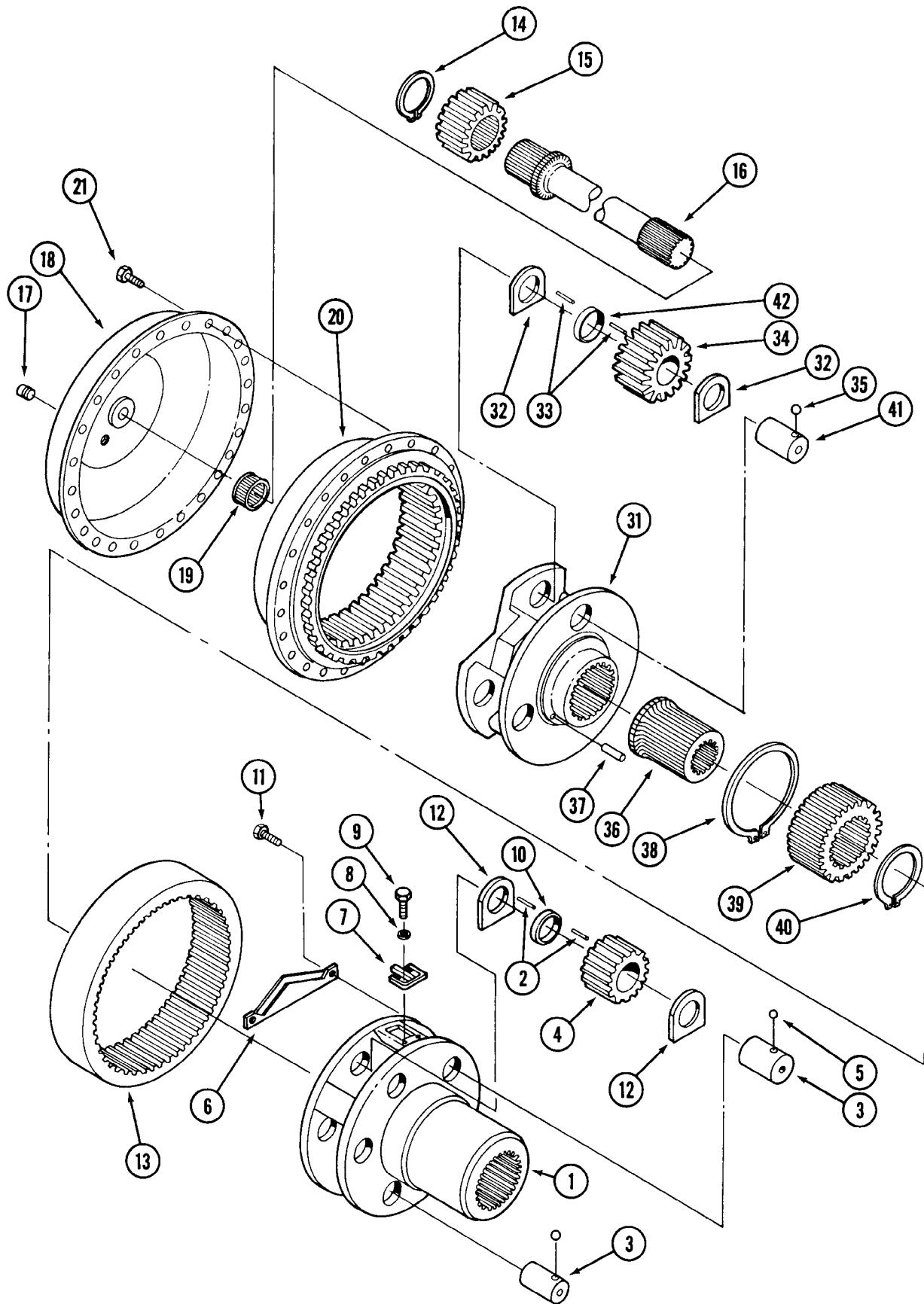
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7039T92	CASE ASSEMBLY - transfer, PTO, continued	1
37	238-5132	O-RING - 1-3/4 ID x 3/32 inch wide, yoke	1
38	90-1991T1	SHAFT - input.	1
39	90-4404T1	GEAR - input, 32 teeth.	1
40	90-4423T1	O-RING - cap	1
41	90-4422T1	CAP - end, input shaft	1
44	90-5755T1	RING - snap, 0.105 inch thick, see note.	UAR
44	90-5754T1	RING - snap, 0.110 inch thick, see note.	UAR
44	90-5753T1	RING - snap, 0.115 inch thick, see note.	UAR
44	90-5752T1	RING - snap, 0.120 inch thick, see note.	UAR
44	90-5751T1	RING - snap, 0.125 inch thick, see note.	UAR
46	238-5132	O-RING - 1-3/4 ID x 3/32 inch wide	1
47	90-1994T1	SEAL - oil	1
48	90-7007T1	YOKES - input, PTO.	1
49	19-5776	WASHER - flat	1
50	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	1
53	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss.	1
54	237-6008	O-RING - 41/64 ID x 3/32 inch wide	1
57	37-1420	PIN - dowel, 1/4 x 1-1/4 inch, hardened, replaces 37-1420 pin	1
58	90-4417T3	HOUSING - transfer case, PTO	1
59	90-5870T1	MOUNT - shield, left-hand	1
60	90-5869T1	MOUNT - shield, right-hand	1
70	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.	4
71	231-1446	NUT - hex, self-locking, 3/8 inch NC	4
72	19-6013	SPACER - pivot	4
73	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	4
74	90-5868T1	BRACKET - mounting, shield	1
75	90-3484T1	SHIELD - PTO	1
76	90-5866T1	RETAINER - bracket	2
79	2-7125T1	DECAL - Warning, rotating driveline, replaced by 2-7125T2 Decal, item 84.	1
80	426-12112	BOLT - hex, 3/4 NC x 7 inch, grade 8, with three point hitch.	2
81	426-12144	BOLT - hex, 3/4 NC x 9 inch, grade 8, with three point hitch.	6
81	413-12128	BOLT - hex, 3/4 NC x 8 inch, without three point hitch	6
82	496-11081	WASHER - flat, 13/16 x 1-1/2 x 9/64 inch, hardened	UAR
83	425-1012	NUT - hex, 3/4 inch NC	6
84	2-7125T2	DECAL - Warning, rotating driveline, replaces 2-7125T1 decal, item 79	1

NOTE: When using snap ring item 44, quantity 2 required. Use the thickness needed.



AXLE ASSEMBLY
Housing and Wheel Hub

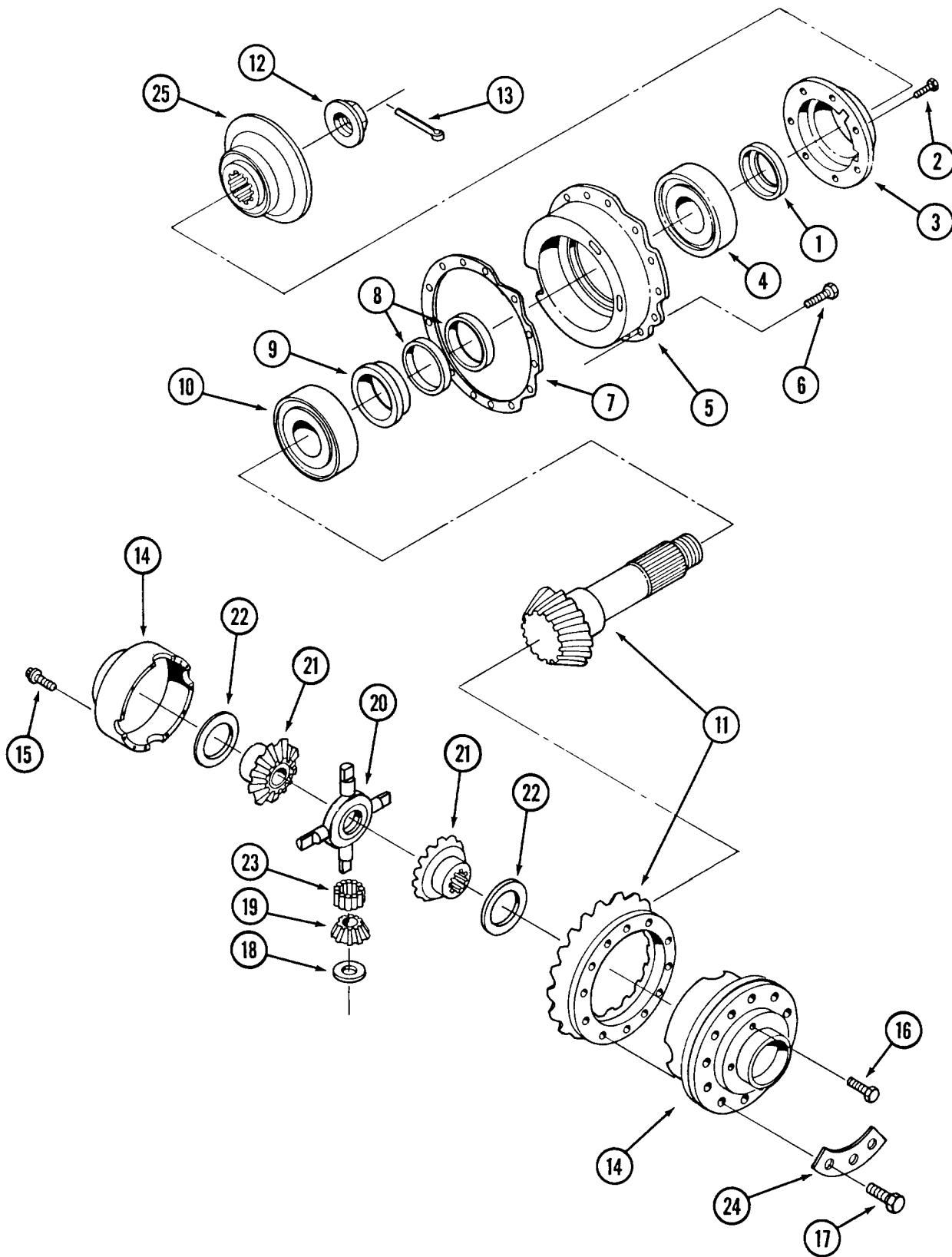
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7803T91	AXLE ASSEMBLY - front, without limited slip differential, 694.72, parts list pages 6-153 through 6-159	1
	90-7802T91	AXLE ASSEMBLY - rear, without limited slip differential, 694.62, parts list pages 6-153 through 6-159	1
	90-7804T91	AXLE ASSEMBLY - front, with limited slip differential, 694.70, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-7805T91	AXLE ASSEMBLY - rear, with limited slip differential, 694.60, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
1	90-8099T1	PLATE - seal stripper	2
2	90-5988T1	SEAL - hub, includes wear sleeve	2
3	90-8088T1	RING - seal wear	2
4	1-6693	BREATHER - valve	1
5	90-8089T1	BOLT - hex, special	32
6	90-8090T1	SPINDLE - axle, front	2
6	90-8390T1	SPINDLE - axle, rear	
7	90-8091T1	HOUSING - axle	1
8	90-4484T1	PLUG - magnetic, 24 mm - 1.5	4
9	90-8092T1	PIN - dowel, 10 x 24 mm	2
10	90-8093T1	NUT - slotted, adjusting	2
11	90-8094T1	WASHER - lock, adjusting nut	2
12	90-8095T1	RING - spacer	2
13	90-8096T1	BEARING - tapered roller	2
14	90-8097T1	HUB - wheel	2
15	90-8098T1	BEARING - tapered roller	2
16	NSS	SLEEVE - spacer	2
17	90-8391T1	PLUG - hex	1
18	429-1016	NUT - hex, 1 inch NC, grade 8	16
19	90-7493T1	BOLT - hex, 1 NC x 10 inch	8
20	90-8392T1	SEAL - oil	1
21	19-5739	WASHER - flat, special	1



AXLE ASSEMBLY

Wheel Hub Planetary

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7803T91	AXLE ASSEMBLY - front, without limited slip differential, 694.72, parts list pages 6-153 through 6-159	1
	90-7802T91	AXLE ASSEMBLY - rear, without limited slip differential, 694.62, parts list pages 6-153 through 6-159	1
	90-7804T91	AXLE ASSEMBLY - front, with limited slip differential, 694.70, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-7805T91	AXLE ASSEMBLY - rear, with limited slip differential, 694.60, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-8118T91	PLANETARY ASSEMBLY - inner	2
1	90-8119T1	CARRIER - inner planetary	1
2	90-7832T1	NEEDLE - bearing, 44 per gear	220
3	90-8065T1	SHAFT - planetary pinion, with lube hole	6
3	90-8121T1	SHAFT - planetary pinion, without lube hole	2
4	90-8122T1	GEAR - pinion, inner planetary	5
5	16-1607	BALL - steel	5
6	90-8116T1	PLATE - baffle	1
7	90-8117T1	PLATE - oil	1
8	896-12006	WASHER - flat, 6.6 x 12.5 x 2 mm	2
9	627-6012	BOLT - hex, full threads, 6 - 1.0 x 12 mm, class 10.9	2
10	90-7837T1	RING - bearing seat	5
11	16-1626	BOLT - hex, 8 x 15 mm, grade 10.9	3
12	90-8110T1	PLATE - thrust	10
13	90-8115T1	GEAR - ring	2
14	90-8100T1	RING - snap	1
15	90-8101T1	GEAR - sun	1
16	90-8102T1	SHAFT - axle, 1151 mm long	1
16	90-8103T1	SHAFT - axle, 1199 mm long	1
17	90-4484T1	PLUG - magnetic, 24 mm - 1.5	1
18	90-8104T1	COVER - axle end	1
19	90-8105T1	PIN - support, axle shaft	1
20	90-8106T1	GEAR - double ring	1
21	90-7371T1	BOLT - flange, 14 mm - 1.5 x 45 mm, grade 10.9	31
	90-8107T91	PLANETARY ASSEMBLY - outer	1
31	90-8108T1	CARRIER - outer planetary	1
32	90-8110T1	PLATE - thrust	6
33	90-7832T1	NEEDLE - bearing, 44 per gear	132
34	90-8111T1	GEAR - pinion, outer	3
35	16-1607	BALL - steel	3
36	90-8113T1	GEAR - sleeve	1
37	90-8109T1	DOWEL - pin	1
38	90-4528T1	RING - snap	1
39	90-8114T1	GEAR - sun	1
40	16-1623	RING - snap	1
41	90-8065T1	SHAFT - planetary pinion, with lube hole	3
42	90-7837T1	RING - bearing seat	3

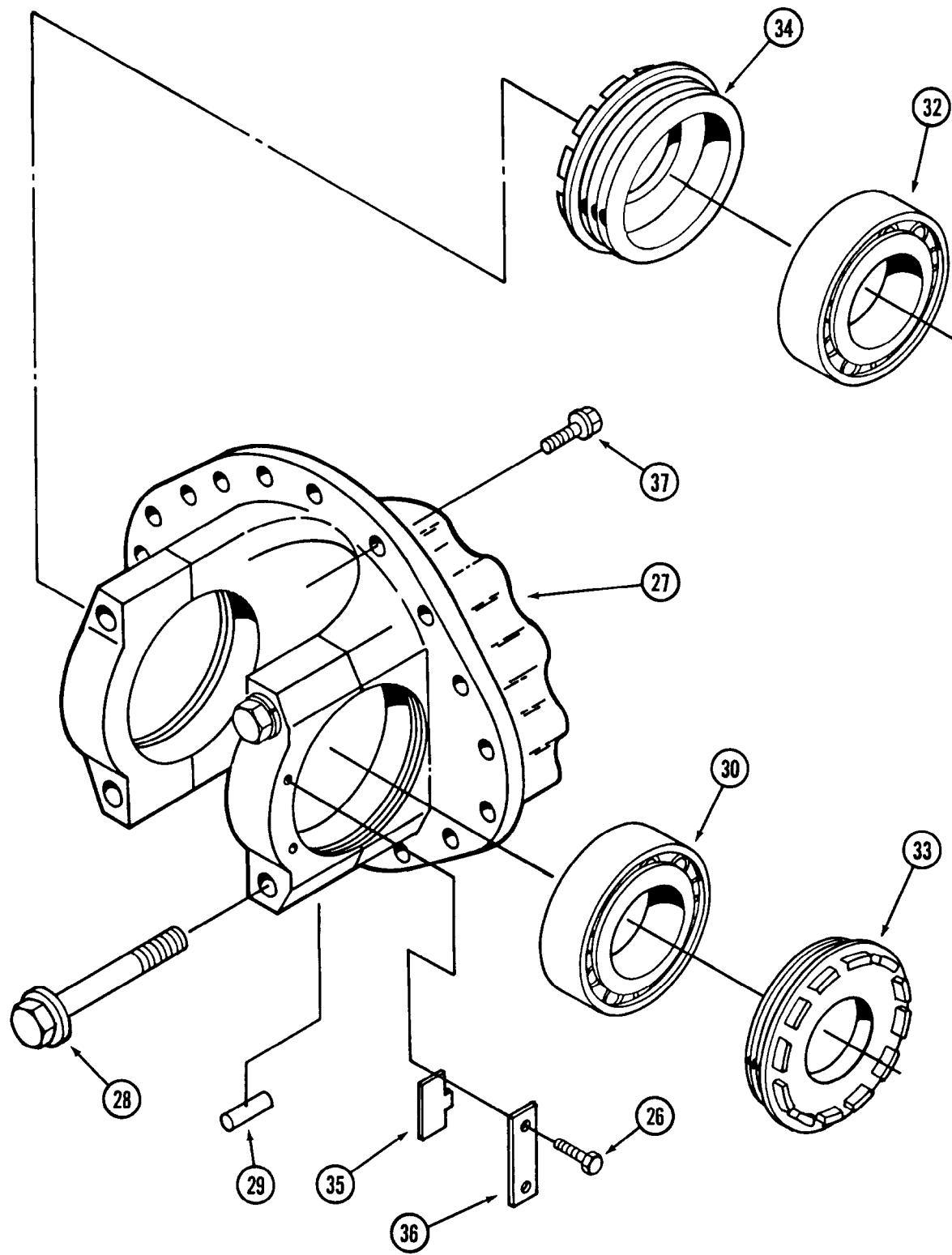


AXLE ASSEMBLY**Differential and Carrier Without Limited Slip**

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7803T91	AXLE ASSEMBLY - front, without limited slip differential, 694.72 axle, parts list pages 6-153 - 6-159	1
	90-7802T91	AXLE ASSEMBLY - rear, without limited slip differential, 694.62 axle, parts list pages 6-153 - 6-159	1
1	90-8129T91	CARRIER ASSEMBLY - differential, front, use with 694.72 axle	1
	90-8128T91	CARRIER ASSEMBLY - differential, rear, use with 694.62 axle	1
1	90-2509T2	SEAL - oil	1
2	614-8030	BOLT - hex, full threads, 8 - 1.25 x 30 mm	6
3	90-4517T1	COVER - seal retainer	1
4	16-1582	BEARING - tapered roller	1
5	90-4515T1	HOUSING - bearing	1
6	16-1621T1	BOLT - hex flange, 14 - 1.5 x 45 mm, grade 10.9	12
7	16-1569	SHIM - housing, 0.2 mm thick	UAR
7	16-1570	SHIM - housing, 0.25 mm thick	UAR
7	16-1568	SHIM - housing, 0.3 mm thick	UAR
7	16-1567	SHIM - housing, 0.5 mm thick	UAR
7	16-1566	SHIM - housing, 1.0 mm thick	UAR
8	90-4504T1	SPACER - bearing, 4.00 mm thick	UAR
8	90-4505T1	SPACER - bearing, 4.04 mm thick	UAR
8	90-4506T1	SPACER - bearing, 4.08 mm thick	UAR
8	90-4507T1	SPACER - bearing, 4.12 mm thick	UAR
8	90-4508T1	SPACER - bearing, 4.16 mm thick	UAR
8	90-4509T1	SPACER - bearing, 4.20 mm thick	UAR
8	90-4510T1	SPACER - bearing, 4.40 mm thick	UAR
8	90-4511T1	SPACER - bearing, 4.60 mm thick	UAR
8	90-4512T1	SPACER - bearing, 4.80 mm thick	UAR
8	90-4513T1	SPACER - bearing, 5.00 mm thick	UAR
8	90-4514T1	SPACER - bearing, 5.20 mm thick	UAR
9	90-4503T1	SLEEVE - bearing spacer	1
10	16-1565	BEARING - tapered roller	1
11	* 90-8080T91	GEAR - set, ring and pinion, rear axle, replaces 90-8080T1 gear	1
11	* 90-8081T91	GEAR - set, ring and pinion, front axle, replaces 90-8081T1 gear	1
12	* 16-1589	NUT - hex slotted, special	1
13	* 432-1640	PIN - cotter, 1/4 x 2-1/2 inch	1
	90-8370T92	DIFFERENTIAL ASSEMBLY - axle, replaces 90-8131T91 differential	1
14	90-8437T91	HOUSING ASSEMBLY - differential, includes both halves, replaces 90-8132T91 housing	1
15	90-8077T1	BOLT - hex flange, special	12
16	90-8087T1	BOLT - hex socket, special	2
17	* 90-8134T1	BOLT - hex, special	12
18	90-8435T1	WASHER - thrust, 1.5 mm, pinion gear	4
19	90-7856T1	GEAR - pinion	4
20	90-8078T1	SPIDER - gear	1
21	90-8079T1	GEAR - pinion, axle drive	2
22	90-8439T1	WASHER - pinion gear	2
23	90-7870T1	NEEDLE - bearing, 29 per gear	116
24	* 16-1546	PLATE - bolt retaining	6

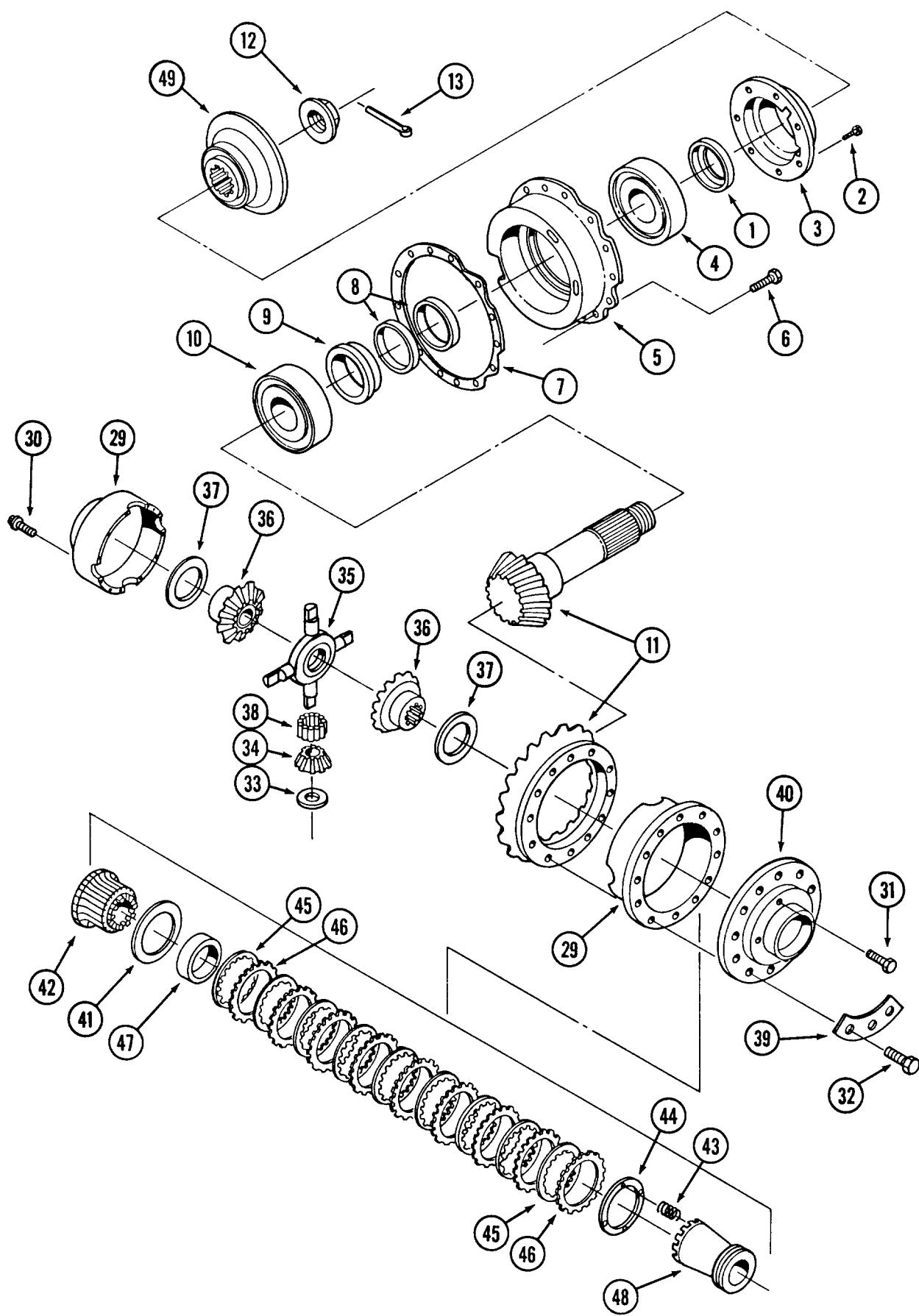
* **NOTE:** 90-8080T1, 90-8080T91 and 90-8081T1 gear assemblies also include (12) 90-8134T1 bolts, (6) 16-1546 plates, (1) 16-1589 nut, and (1) 432-1640 pin.

Continued on next page



AXLE ASSEMBLY**Differential and Carrier Without Limited Slip**

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7803T91	AXLE ASSEMBLY - front, without limited slip differential, 694.72 axle, parts list pages 6-153 through 6-159	1
	90-7802T91	AXLE ASSEMBLY - rear, without limited slip differential, 694.62 axle, parts list pages 6-153 through 6-159	1
	90-8129T91	CARRIERASSEMBLY-differential,front,usewith694.72axle,continued.	1
	90-8128T91	CARRIERASSEMBLY-differential,rear,usewith694.62axle,continued.	1
25	90-7824T1	YOKE - flanged, 8C, use with front axle, shown on page 6-156.	1
25	90-7822T1	YOKE - 8C, use with rear axle, not shown	1
26	16-1626	BOLT - hex, 8 x 15 mm, grade 10.9	4
27	90-8130T91	CARRIER ASSEMBLY - housing, front or rear.	1
28	90-7138T1	BOLT - hex flange, special	2
29	90-8162T1	PIN - dowel	2
30	90-8277T1	BEARING - tapered roller	1
32	A48105	BEARING - tapered roller	1
33	90-8068T1	NUT - bearing retainer	2
34	90-7230T1	NUT - bearing retainer	1
35	16-1525	PLATE - locking tab, bearing nut, tab 15 degrees from horizontal . . . UAR	
35	16-1526	PLATE - locking tab, bearing nut, tab 0 degrees from horizontal . . . UAR	
35	16-1527	PLATE - locking tab, bearing nut, tab 7.5 degrees from horizontal . . . UAR	
36	16-1524	PLATE - locking	2
37	90-7371T1	BOLT - flange, 14 mm - 1.5 x 45 mm, grade 10.9	20

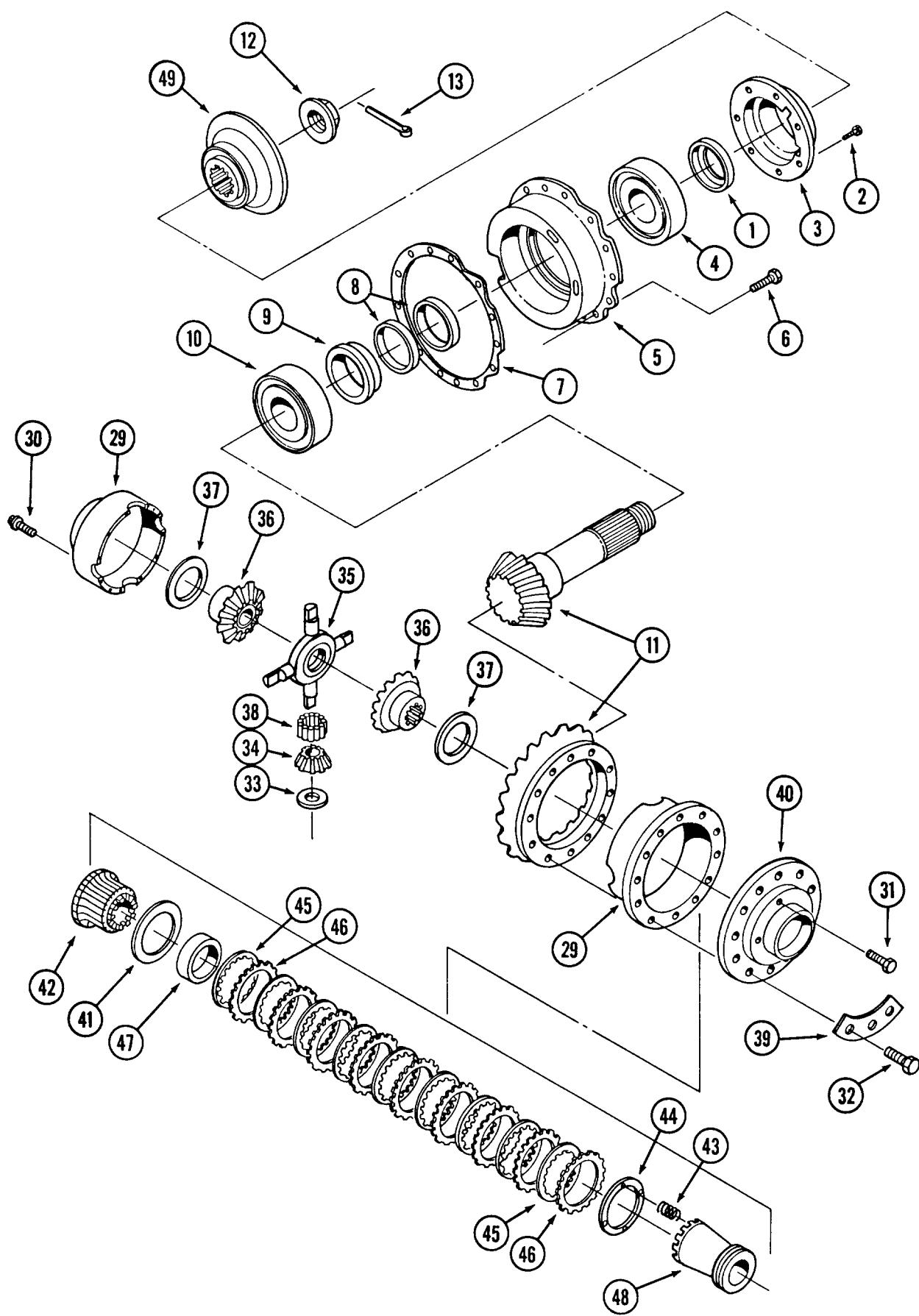


AXLE ASSEMBLY

Differential and Carrier With Limited Slip

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7804T91	AXLE ASSEMBLY - front, with limited slip differential, 694.70 axle, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-7805T91	AXLE ASSEMBLY - rear, with limited slip differential, 694.60 axle, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-8063T91	CARRIER ASSEMBLY - differential, front, use with 694.70 axle	1
	90-8062T91	CARRIER ASSEMBLY - differential, rear, use with 694.60 axle	1
1	90-2509T2	SEAL - oil	
2	614-8030	BOLT - hex, full threads, 8 - 1.25 x 30 mm	1
3	90-4517T1	COVER - seal retainer	6
4	16-1582	BEARING - tapered roller	1
5	90-4515T1	HOUSING - bearing	1
6	16-1621T1	BOLT - hex flange, 14 - 1.5 x 45 mm, grade 10.9	1
7	16-1569	SHIM - housing, 0.2 mm thick	UAR
7	16-1570	SHIM - housing, 0.25 mm thick	UAR
7	16-1568	SHIM - housing, 0.3 mm thick	UAR
7	16-1567	SHIM - housing, 0.5 mm thick	UAR
7	16-1566	SHIM - housing, 1.0 mm thick	UAR
8	90-4504T1	SPACER - bearing, 4.00 mm thick	UAR
8	90-4505T1	SPACER - bearing, 4.04 mm thick	UAR
8	90-4506T1	SPACER - bearing, 4.08 mm thick	UAR
8	90-4507T1	SPACER - bearing, 4.12 mm thick	UAR
8	90-4508T1	SPACER - bearing, 4.16 mm thick	UAR
8	90-4509T1	SPACER - bearing, 4.20 mm thick	UAR
8	90-4510T1	SPACER - bearing, 4.40 mm thick	UAR
8	90-4511T1	SPACER - bearing, 4.60 mm thick	UAR
8	90-4512T1	SPACER - bearing, 4.80 mm thick	UAR
8	90-4513T1	SPACER - bearing, 5.00 mm thick	UAR
8	90-4514T1	SPACER - bearing, 5.20 mm thick	UAR
9	90-4503T1	SLEEVE - bearing spacer	1
10	16-1565	BEARING - tapered roller	1
11	90-8080T91	GEAR - set, ring and pinion, rear axle, replaces 90-8080T1 gear	1
11	90-8081T91	GEAR - set, ring and pinion, front axle, replaces 90-8081T1 gear	1
12	16-1589	NUT - hex slotted, special	1
13	432-1640	PIN - cotter, 1/4 x 2-1/2 inch	1

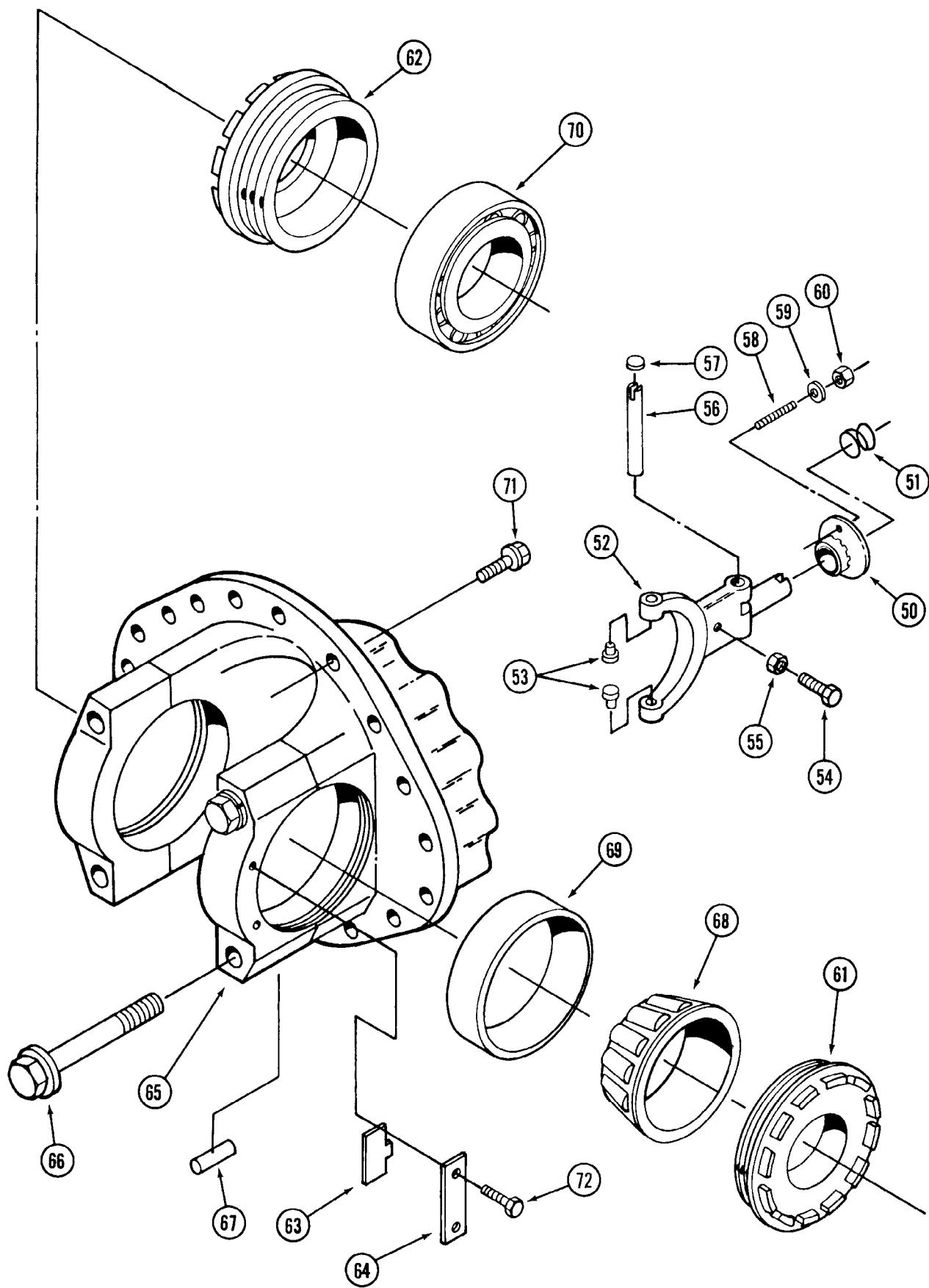
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AXLE ASSEMBLY

Differential and Carrier with Limited Slip

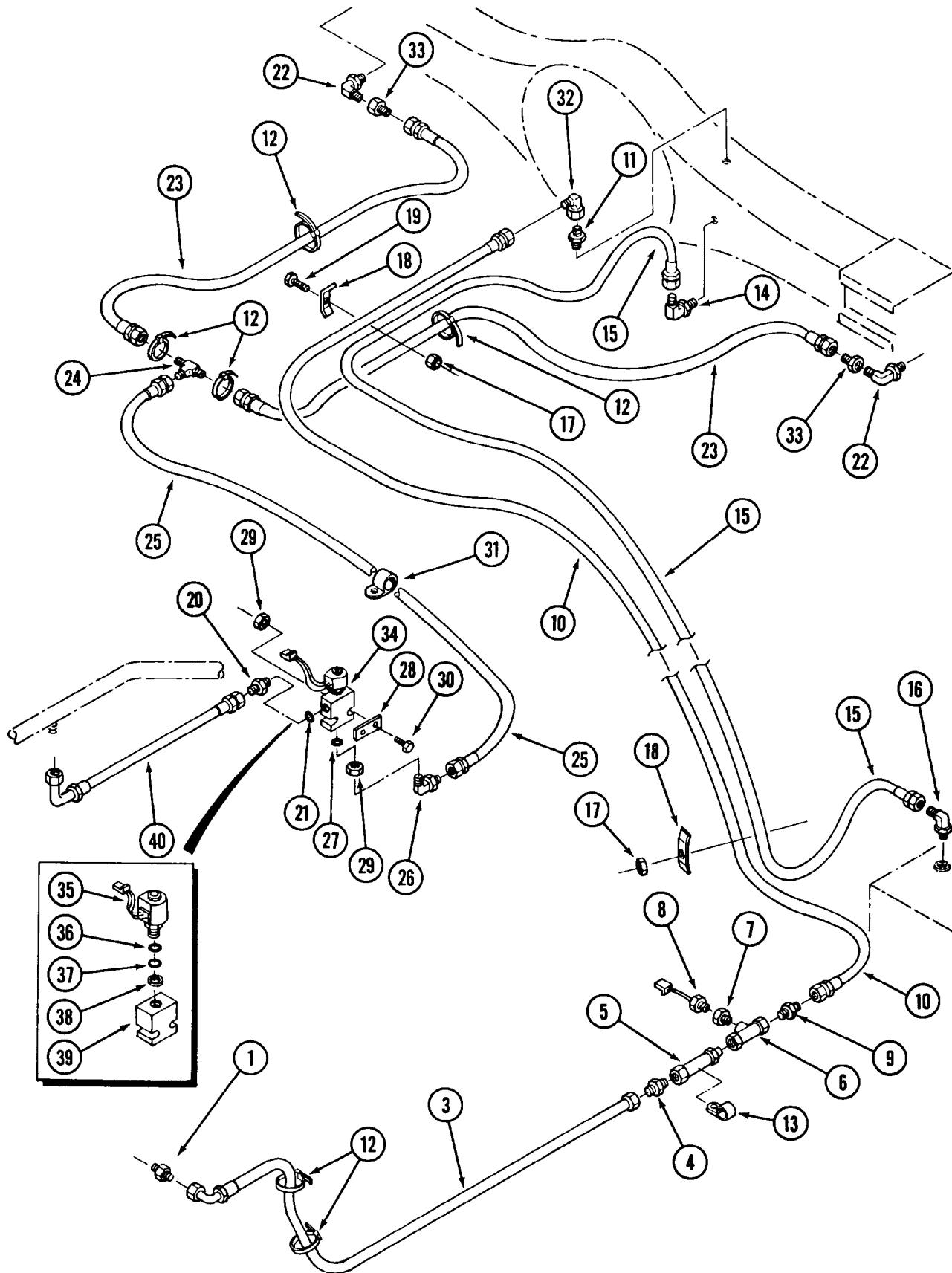
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7804T91	AXLE ASSEMBLY - front, with limited slip differential, 694.70 axle, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-7805T91	AXLE ASSEMBLY - rear, with limited slip differential, 694.60 axle, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-8063T91	CARRIER ASSEMBLY - differential, front, use with 694.70 axle, continued	1
	90-8062T91	CARRIER ASSEMBLY - differential, rear, use with 694.60 axle, continued	1
	90-8438T91	DIFFERENTIAL ASSEMBLY - axle, front or rear, replaces 90-8074T91 differential	1
29	90-8436T91	HOUSING ASSEMBLY - differential, replaces 90-8075T91 housing	1
30	90-8077T1	BOLT - hex flange, special	12
31	90-8087T1	BOLT - hex socket, special	2
32	90-8082T1	BOLT - hex flange, special	12
33	90-8435T1	WASHER - thrust, 1.5 mm, pinion gear	4
34	90-7856T1	GEAR - pinion	4
35	90-8078T1	SPIDER - gear	1
36	90-8079T1	GEAR - pinion, axle drive	2
37	90-8439T1	WASHER - pinion gear, thrust	2
38	90-7870T1	NEEDLE - bearing, 29 per gear	116
39	16-1546	PLATE - bolt retaining	6
40	90-8076T1	HOUSING - half, flanged	1
41	90-8086T1	WASHER - thrust	1
42	90-8084T1	HUB - splined	1
43	33-1230T1	SPRING - compression	1
44	90-8085T1	WASHER - thrust	1
45	33-1493T1	DISK - inner	8
46	33-1494T1	DISK - outer	9
47	33-1278T1	BUSHING - clutch alignment	1
48	90-8083T1	SLEEVE - clutch	1
49	90-7824T1	YOKE - flanged, 8C, use with front axle	1
49	90-7822T1	YOKE - 8C, use with rear axle, not shown	1



AXLE ASSEMBLY

Differential and Carrier With Limited Slip

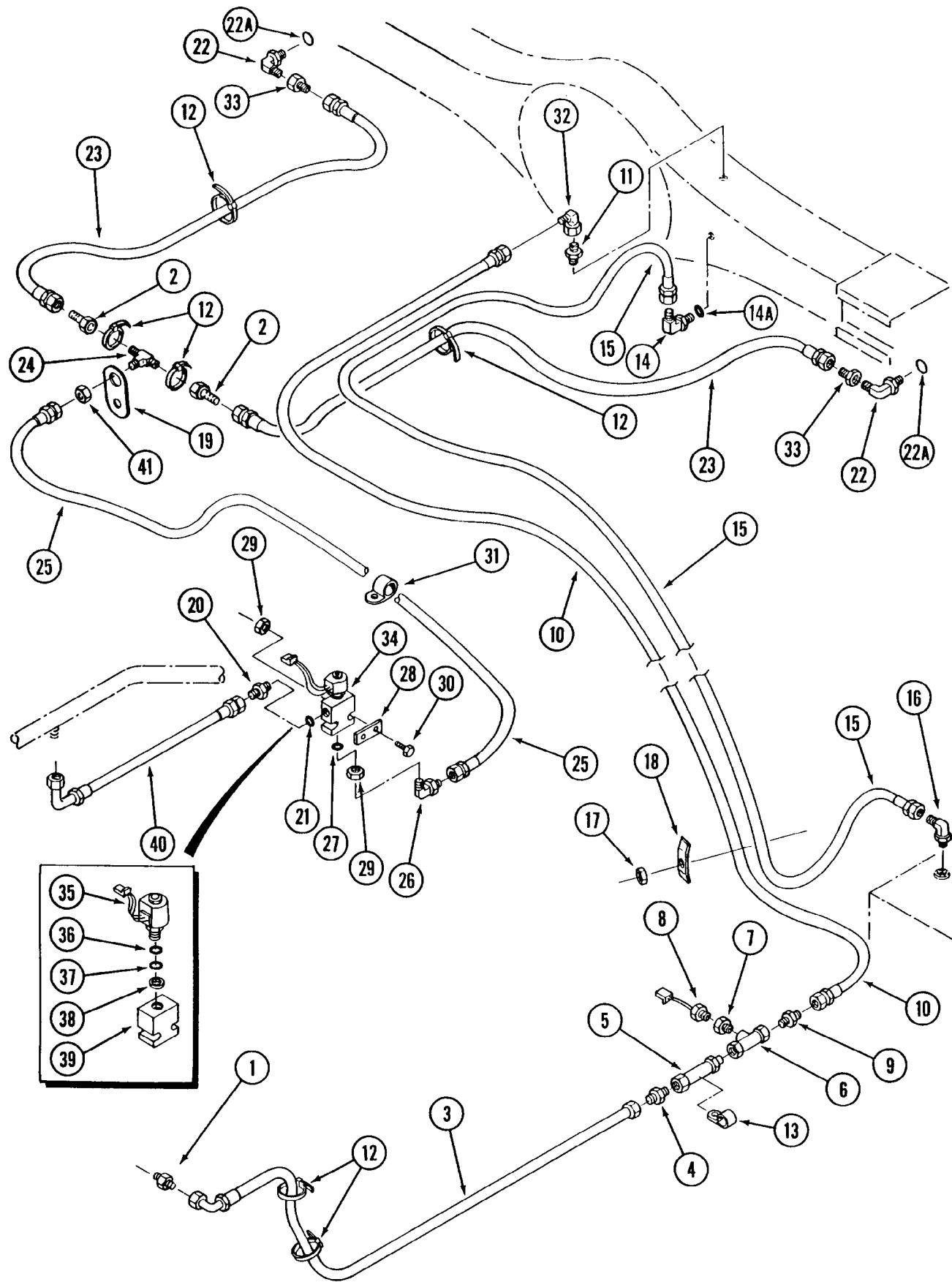
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7804T91	AXLE ASSEMBLY - front, with limited slip differential, 694.70 axle, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-7805T91	AXLE ASSEMBLY - rear, with limited slip differential, 694.60 axle, parts list pages 6-153, 6-155 and 6-161 through 6-165	1
	90-8063T91	CARRIER ASSEMBLY - differential, front, use with 694.70 axle, continued	1
	90-8062T91	CARRIER ASSEMBLY - differential, rear, use with 694.60 axle, continued	1
	33-1291T1	SEAL - shift fork	1
50	NSS	SEAL - shift fork.	1
51	NSS	SPRING - shift fork	1
52	90-8069T1	FORK - shift, traction control.	1
53	33-1290T1	PIN - thrust	2
54	90-8070T1	BOLT - hex, special	1
55	90-8071T1	NUT - hex, special	1
56	90-8072T1	SHAFT - shift fork	1
57	90-8073T1	PLUG - cap.	2
58	90-7151T1	STUD - shift fork	2
59	33-1294T1	WASHER - flat, special.	2
60	90-7152T1	NUT - hex, lock, special	2
61	90-8068T1	NUT - bearing retainer	2
62	90-7230T1	NUT - bearing retainer	1
63	16-1525	PLATE - locking tab, bearing nut, tab 15 degrees from horizontal . . . UAR	
63	16-1526	PLATE - locking tab, bearing nut, tab 0 degrees from horizontal . . . UAR	
63	16-1527	PLATE - locking tab, bearing nut, tab 7.5 degrees from horizontal . . . UAR	
64	16-1524	PLATE - locking	2
65	90-8064T91	HOUSING ASSEMBLY - differential.	1
66	90-7138T1	BOLT - hex flange, special	2
67	90-8162T1	PIN - dowel	2
68	L35045	BEARING - tapered roller	1
69	L30842	CUP - tapered roller bearing.	1
70	A48105	BEARING - tapered roller	1
71	90-7371T1	BOLT - flange, 14 mm - 1.5 x 45 mm, grade 10.9	20
72	16-1626	BOLT - hex, 8 x 15 mm, grade 10.9	4



AXLE COOLING

Prior to P.I.N. JEE0069665

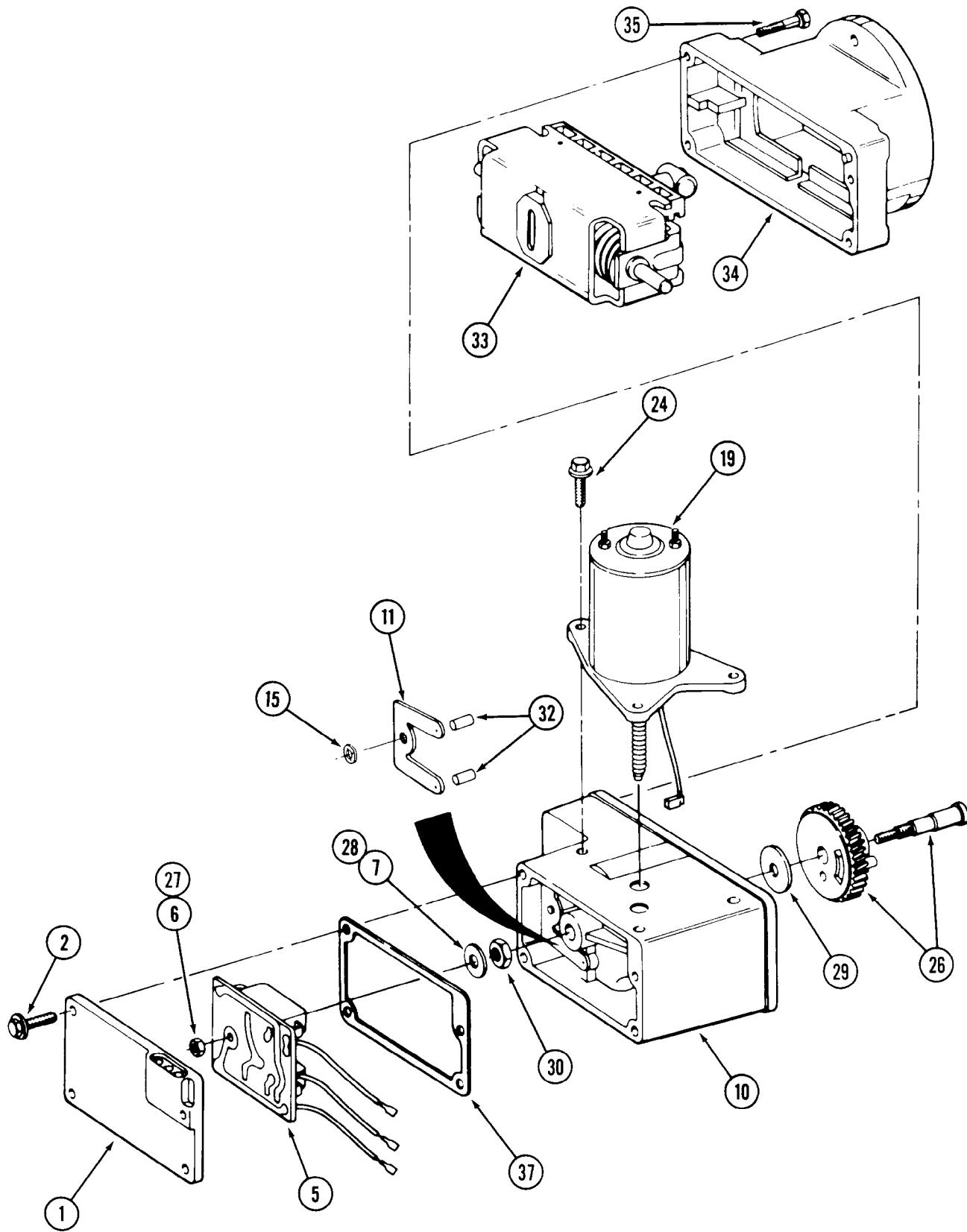
REF.	PART NO.	DESCRIPTION	REQ'D.
1	218-441	ADAPTER - straight, 7/16-20 flare x 1/8 inch PT.....	1
3	18-1537	HOSE - 1143 mm (45 inch) long	1
4	218-1022	ADAPTER - straight, 7/16-20 flare x 1/4 inch PT.....	1
5	116195A1	VALVE - check.....	1
6	31-3069	ADAPTER - axle cooling	1
7	217-1034	ADAPTER - reducer, 1/4 PT x 1/8 inch female PT	1
8	1964960C1	SWITCH - axle cooling	1
9	31-2685	ADAPTER - orifice	1
10	31-3068	HOSE - axle cooling	1
11	218-453	ADAPTER - straight, 9/16-18 flare x 1/8 inch PT.....	1
12	19-135	STRAP - tie, nylon.....	6
13	515-23238	CLAMP - P-type, 15/16 inch ID	1
14	218-5107	ELBOW - 90 degree, 7/8-14 inch flare x adj O-ring boss	1
14A	237-6010	O-RING - 3/4 ID x 3/32 inch wide, not shown	1
15	31-3067	HOSE - axle cooling	1
16	218-485	ELBOW - 90 degree, 7/8-14 flare x 1/2 inch PT	1
17	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
18	R15257	CLAMP - hose	2
19	426-532	BOLT - hex, 5/16 NC x 2 inch, grade 8	1
20	218-5058	ADAPTER - straight, 9/16-18 flare x 3/4-16 inch O-ring boss	1
21	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
22	218-5283	ELBOW - 90 degree, 7/16-20 flare x 9/16-18 inch adj O-ring boss	2
22A	237-6006	O-RING - 15/32 ID x 5/64 inch wide, not shown	1
23	31-3072	HOSE - 1168 mm (46 inch) long, replaces 31-2477 hose.....	2
24	218-1575	TEE - 3/4-16 flare branch x 9/16-18 inch flare x flare	1
25	31-2908	HOSE - lube.....	1
26	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss	1
27	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	2
28	50-3580T1	BRACKET - valve	1
29	231-1444	NUT - hex, self-locking, 1/4 inch NC	2
30	426-432	BOLT - hex, 1/4 NC x 2 inch, grade 8	2
31	515-23190	CLAMP - P-type, 3/4 inch ID	1
32	218-980	ELBOW - 90 degree, 9/16-18 inch flare x swivel.....	1
33	31-3070	ADAPTER - orifice.....	2
34	1260819C91	VALVE - control	1
35	149944C91	VALVE ASSEMBLY - solenoid.....	1
	149942C1	KIT - seal replacement	1
36	NSS	O-RING - seal	1
37	NSS	O-RING - seal	1
38	NSS	WASHER - seal.....	1
39	NSS	VALVE - body.....	1
40	31-3058	HOSE - 508 mm (20 inch) long, replaces 31-2067 hose	1



AXLE COOLING

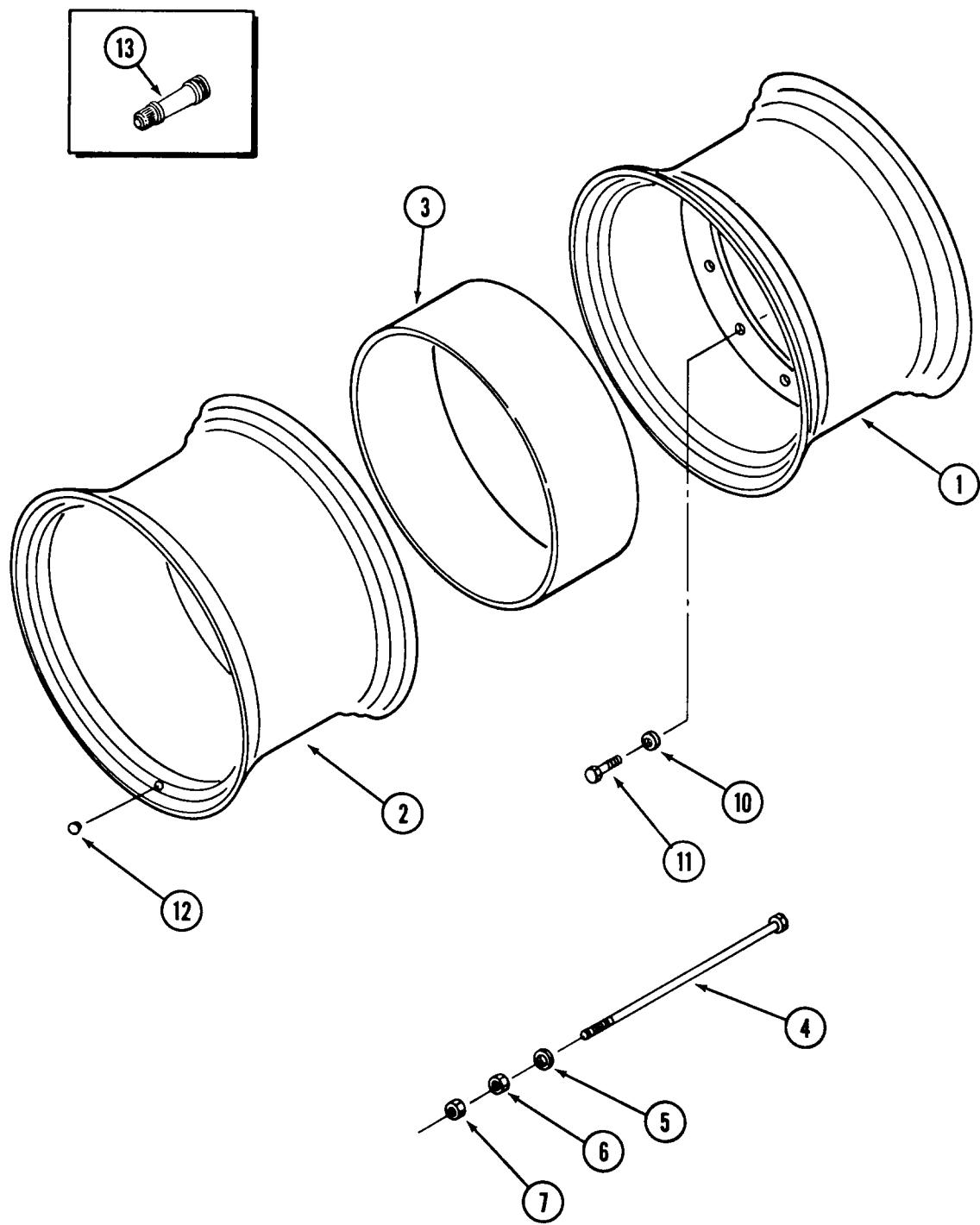
P.I.N. JEE0069665 and After

REF.	PART NO.	DESCRIPTION	REQ'D.
1	218-441	ADAPTER - straight, 7/16-20 flare x 1/8 inch PT.....	1
2	218-786	ADAPTER - reducing, 3/4-16 female str thread x 9/16-18 inch flare.....	2
3	18-1537	HOSE - 1143 mm (45 inch) long	1
4	218-1022	ADAPTER - straight, 7/16-20 flare x 1/4 inch PT.....	1
5	116195A1	VALVE - check.....	1
6	31-3069	ADAPTER - axle cooling	1
7	217-1034	ADAPTER - reducer, 1/4 PT x 1/8 inch female PT	1
8	1964960C1	SWITCH - axle cooling	1
9	31-2685	ADAPTER - orifice	1
10	31-3186	HOSE - axle cooling	1
11	218-453	ADAPTER - straight, 9/16-18 flare x 1/8 inch PT.....	1
12	19-135	STRAP - tie, nylon.....	6
13	515-23238	CLAMP - P-type, 15/16 inch ID	1
14	218-5107	ELBOW - 90 degree, 7/8-14 inch flare x adj O-ring boss	1
14A	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	1
15	31-3187	HOSE - axle cooling	1
16	218-485	ELBOW - 90 degree, 7/8-14 flare x 1/2 inch PT	1
17	231-1445	NUT - hex, self-locking, 5/16 inch NC	1
18	R15257	CLAMP - hose	1
19	189274A1	BRACKET - tube mounting, replaces 50-3642T1 bracket.....	1
20	218-5058	ADAPTER - straight, 9/16-18 flare x 3/4-16 inch O-ring boss	1
21	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
22	218-5105	ELBOW - 90 degree, 9/16-18 inch flare x adj O-ring boss	2
22A	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
23	31-3185	HOSE - 1168 mm (46 inch) long	2
24	218-805	TEE - 3/4-16 inch bulkhead flare branch x flare x flare	1
25	31-3184	HOSE - lube.....	1
26	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss	1
27	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	2
28	50-3580T1	BRACKET - valve	1
29	231-1444	NUT - hex, self-locking, 1/4 inch NC	2
30	426-432	BOLT - hex, 1/4 NC x 2 inch, grade 8	2
31	515-23190	CLAMP - P-type, 3/4 inch ID	1
32	218-980	ELBOW - 90 degree, 9/16-18 inch flare x swivel.....	1
33	31-3191	ADAPTER - orifice.....	2
34	1260819C91	VALVE - control	1
35	149944C91	VALVE ASSEMBLY - solenoid.....	1
	149942C1	KIT - seal replacement	1
36	NSS	O-RING - seal	1
37	NSS	O-RING - seal	1
38	NSS	WASHER - seal.....	1
39	NSS	VALVE - body.....	1
40	31-3058	HOSE - 508 mm (20 inch) long, replaces 31-2067 hose.....	1
41	218-1255	NUT - hex, lock, bulkhead, 3/4 inch NF.....	1



ELECTRIC SHIFT ASSEMBLY
Limited Slip Axle

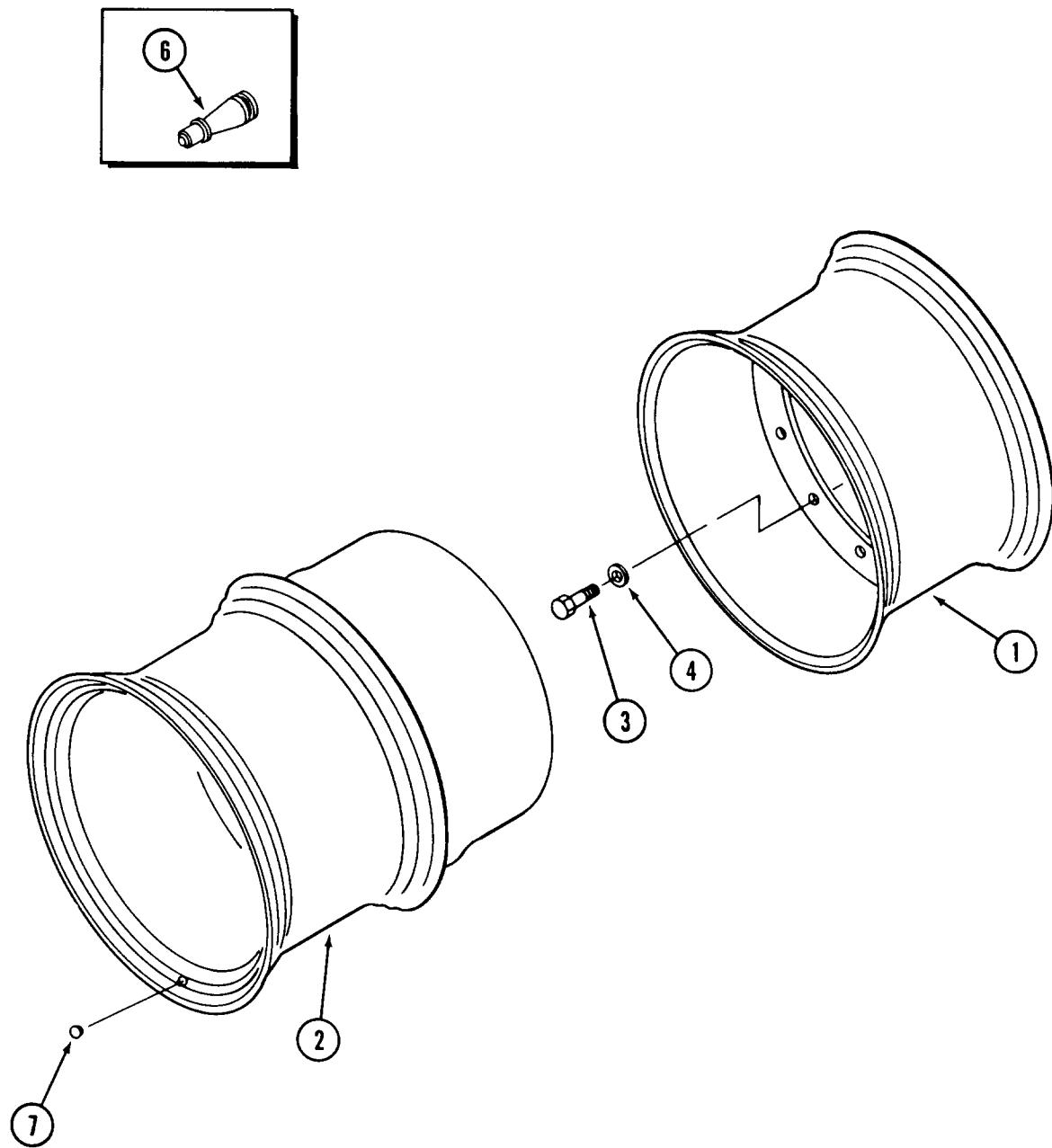
REF.	PART NO.	DESCRIPTION	REQ'D.
	90-4391T91	SHIFT ASSEMBLY - electric, axle.....	1
	90-7580T1	KIT - circuit board and cover	1
1	NSS	COVER - circuit board	1
2	90-4552T1	BOLT - flanged	4
	90-4550T1	BOARD ASSEMBLY - circuit	1
5	NSS	BOARD - circuit	1
6	NSS	NUT - hex	1
7	NSS	WASHER - lat	1
	90-4543T91	HOUSING ASSEMBLY - motor	1
10	NSS	HOUSING - motor.....	1
11	NSS	SPRING - switch.....	1
15	NSS	RETAINER - push on	1
19	90-4546T91	MOTOR - electric shift	1
24	90-4553T1	BOLT - hex flange	3
	90-4547T91	GEAR ASSEMBLY - with shaft	1
26	NSS	GEAR - with shaft	1
27	NSS	NUT - hex	1
28	NSS	WASHER - flat	1
29	NSS	WASHER - flat, wear	1
30	NSS	NUT - hex	1
32	NSS	PIN - cam	2
33	90-4548T1	BLOCK - slide and shaft.....	1
34	90-4549T1	HOUSING - slide block and shaft.....	1
35	90-4554T1	BOLT - hex shoulder	4
37	90-6754T1	GASKET - cover.....	1



WHEELS**9370 Tractor with Spacer Band Duals**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	30-1526T2	WHEEL - inner or dual, 20.8 x 38, 18 inch width.....	4
1	30-1535T2	WHEEL - inner or dual, 20.8 x 42, 18 inch width.....	4
1	30-1516T2	WHEEL - inner or dual, 23.1 x 34, 20 inch width.....	4
1	*30-1501T2	WHEEL - inner or dual, 24.5 x 32, 21 inch width.....	4
1	*30-1505T2	WHEEL - inner or dual, 24.5 x 32, 24 inch width.....	4
2	30-1528T1	WHEEL - dual, 20.8 x 38, 18 inch width	4
2	30-1537T1	WHEEL - dual, 18.4 x 42, 18 inch width	4
2	30-1518T1	WHEEL - dual, 23.1 x 34, 20 inch width	4
2	30-1503T1	WHEEL - dual, 24.5 x 32, 21 inch width	4
2	30-1507T1	WHEEL - dual, 24.5 x 32, 24 inch width	4
3	20-839T1	BAND - spacer, 32 x 15 inch wide.....	4
3	20-397T1	BAND - spacer, 34 x 15 inch wide.....	4
3	20-1001T1	BAND - spacer, 38 x 15 inch wide.....	4
3	30-1318T1	BAND - spacer, 42 x 15 inch wide.....	4
4	19-5744	BOLT - tie, 7/8 NC x 34 inch	24
4	19-5747	BOLT - tie, 7/8 NC x 36 inch	24
5	20-62	WASHER - flat, 7/8 x 3 x 1/4 inch	24
6	425-1414	NUT - hex, jam, 7/8 inch NC	24
7	425-1014	NUT - hex, 7/8 inch NC	24
10	70-5535T1	WASHER - flat, hardened	80
11	70-6402T1	BOLT - hex, 7/8 NC x 2-1/2 inch, grade 8	80
12	*30-1631T1	PLUG - wheel hole.....	8
13	A20058	VALVE - stem, use with tubeless tires only.....	8

***NOTE:** Quantity 1 of item 12, 30-1631T1 plug, is required for each 24.5 x 32 inch wheel.

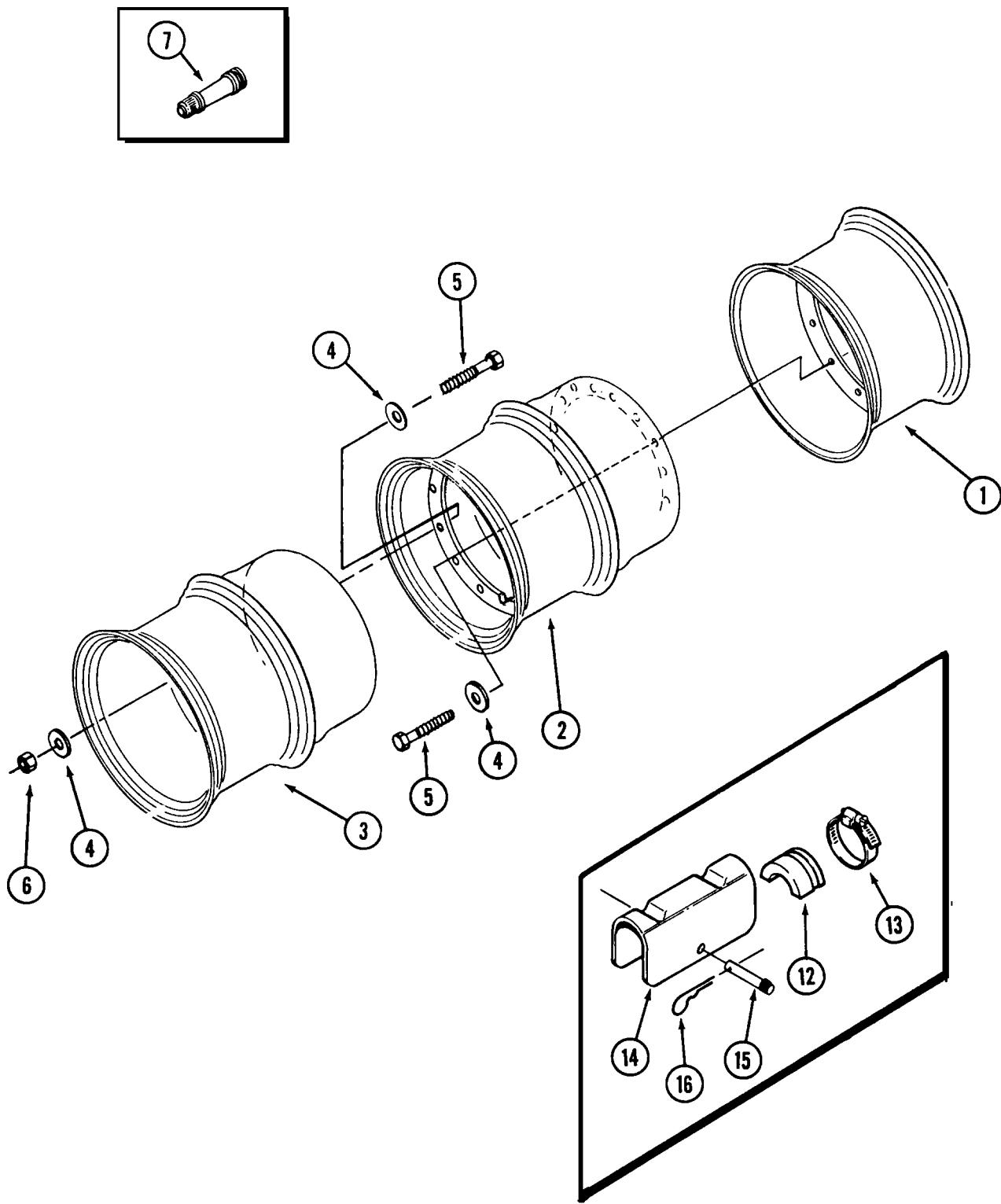


WHEELS

Flange Mounted Duals

REF.	PART NO.	DESCRIPTION	REQ'D.
1	30-1526T2	WHEEL - inner or dual, 20.8 x 38, 18 inch width.....	4
1	30-1535T2	WHEEL - inner or dual, 20.8 x 42, 18 inch width.....	4
1	30-1516T2	WHEEL - inner or dual, 23.1 x 34, 20 inch width.....	4
1	*30-1501T2	WHEEL - inner or dual, 24.5 x 32, 21 inch width.....	4
1	*30-1505T2	WHEEL - inner or dual, 24.5 x 32, 24 inch width.....	4
1	*30-1510T2	WHEEL - inner or dual, 30.5 x 32, 27 inch width.....	4
1	*30-1541T2	WHEEL - inner or dual, 30.5 x 32, 30 inch width.....	4
1	*30-1624T2	WHEEL - inner or dual, 710/70 R38, 23 inch width.....	4
1	*30-1648T1	WHEEL - inner, 620/70 R42, 20 inch width, 20 inch width	4
1	313553A1	WHEEL - inner, 900/50 R42, 28 inch width.....	4
2	30-1529T2	WHEEL - outer, 20.8 x 38, 18 inch width.....	4
2	30-1538T4	WHEEL - outer, 20.8 x 42, 18 inch width.....	4
2	30-1519T2	WHEEL - outer, 23.1 x 34, 20 inch width.....	4
2	*30-1504T2	WHEEL - outer, 24.5 x 32, 21 inch width.....	4
2	*30-1508T3	WHEEL - outer, 24.5 x 32, 24 inch width.....	4
2	*30-1511T2	WHEEL - outer, 30.5 x 32, 27 inch width.....	4
2	*30-1542T2	WHEEL - outer, 30.5 x 32, 30 inch width.....	4
2	*30-1625T3	WHEEL - outer, 710/70 R38, 23 inch width, prior to P.I.N. JEE0072708	4
2	313555A1	WHEEL - outer, 710/70 R38, 28 inch width, P.I.N. JEE0072708 and after	4
2	*30-1649T1	WHEEL - outer, 620/70 R42, 20 inch width.....	4
2	313554A1	WHEEL - outer, 900/50R42, 28 inch width	4
3	70-6402T1	BOLT - hex, 7/8 NC x 2-1/2 inch, grade 8	80
4	70-5535T1	WASHER - flat, hardened	80
6	A20058	VALVE - stem	8
7	*30-1631T1	PLUG - wheel hole.....	8

***NOTE:** Quantity 1 of item 7, 30-1631T1 plug, is required for each 24.5 x 32, 30.5 x 32, 620/70 R42 and 710/70 R38 wheel.



WHEELS

Hub Bolted Triples

REF.	PART NO.	DESCRIPTION	REQ'D.
1	30-1526T2	WHEEL - inner or dual, 20.8 x 38, 18 inch width.....	4
1	30-1535T2	WHEEL - inner or dual, 20.8 x 42, 18 inch width.....	4
2	30-1531T3	WHEEL - middle, 20.8 x 38 inch	4
2	30-1539T1	WHEEL - middle, 20.8 x 42 inch	4
3	30-1529T2	WHEEL - outer, 20.8 x 38, 18 inch width.....	4
3	30-1538T4	WHEEL - outer, 20.8 x 42, 18 inch width.....	4
4	70-5535T1	WASHER - flat, hardened, mounting.....	144
5	70-6402T1	BOLT - hex, 7/8 NC x 2-1/2 inch, grade 8.....	112
6	425-1014	NUT - hex, 7/8 inch NC	32
7	A20058	VALVE - stem	12

Articulation Stop

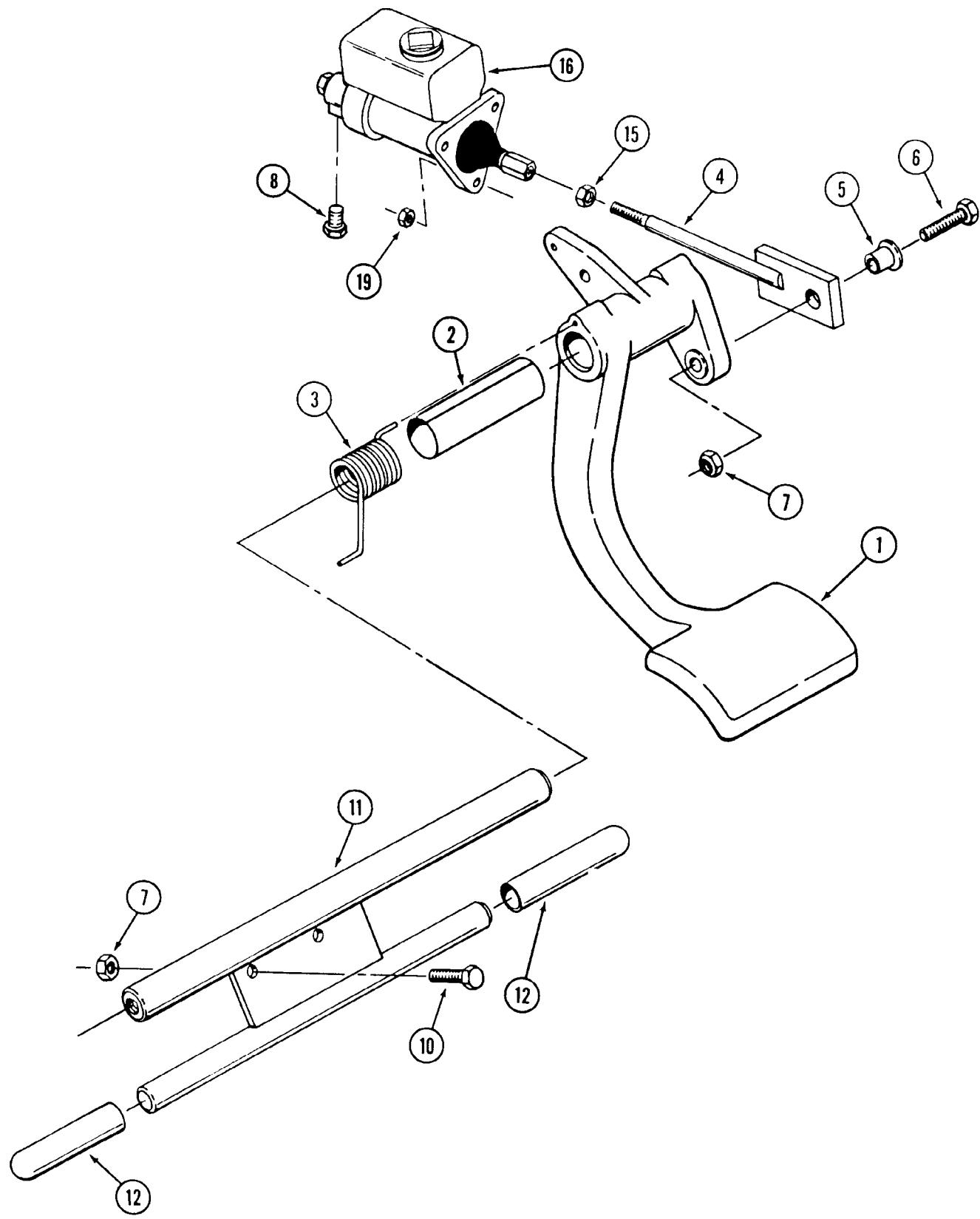
12	* 50-3448T1	STOP - articulation, use with item 14, 70-6256T1 lock	4
12	* 35-1891T91	STOP - articulation, use with item 14, 70-6244T1 lock	4
13	* 214-1464	CLAMP - adj, 3-9/16 - 4-1/2 inch dia	2
14	* 70-6256T1	LOCK - articulation, 8 1/4 inches long, if used.....	2
14	* 70-6244T1	LOCK - articulation, 10 inch long, if used	2
15	* 427-8325	PIN - clevis, 1/2 x 3-1/5 inch, hardened.....	2
16	* 19-5400	PIN - hair, 1/8 inch.....	2

*** NOTE:** Used only with 20.8 x 38 or 20.8 x 42 triples.

6-178

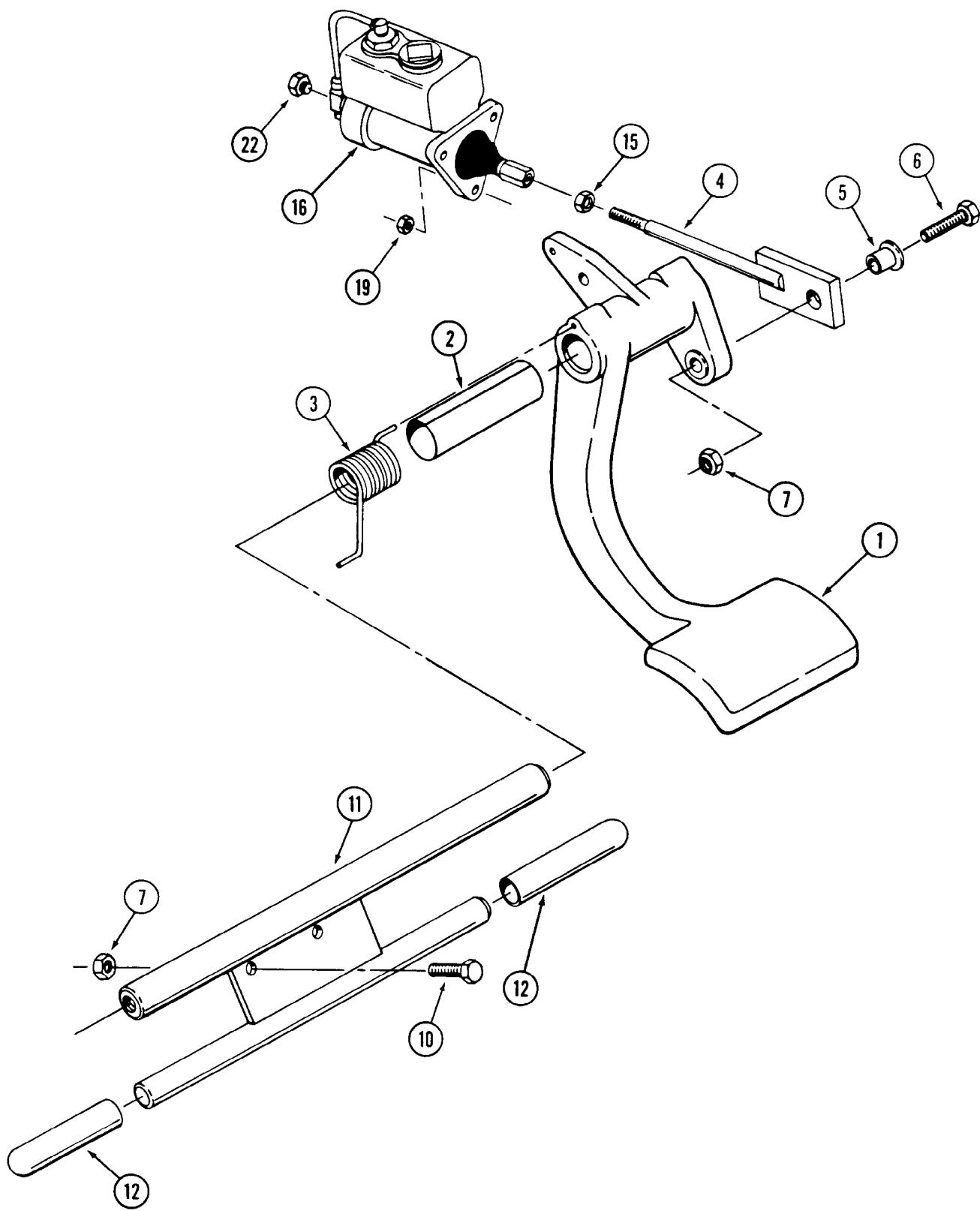
**ALPHABETICAL INDEX
BRAKES**

	DESCRIPTION	PAGE
Master Brake		
Caliper Assembly, With Parking Brake	7-15	
Caliper Assembly, Without Parking Brake	7-13	
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Controls, 9380 and 9390	7-5	
Master Cylinder, 9370 Single Stage	7-17	
Master Cylinder, 9380 and 9390 Dual Stage.....	7-19	
System, 9370	7-9	
System, 9380 and 9390	7-11	
Parking Brake	7-7	



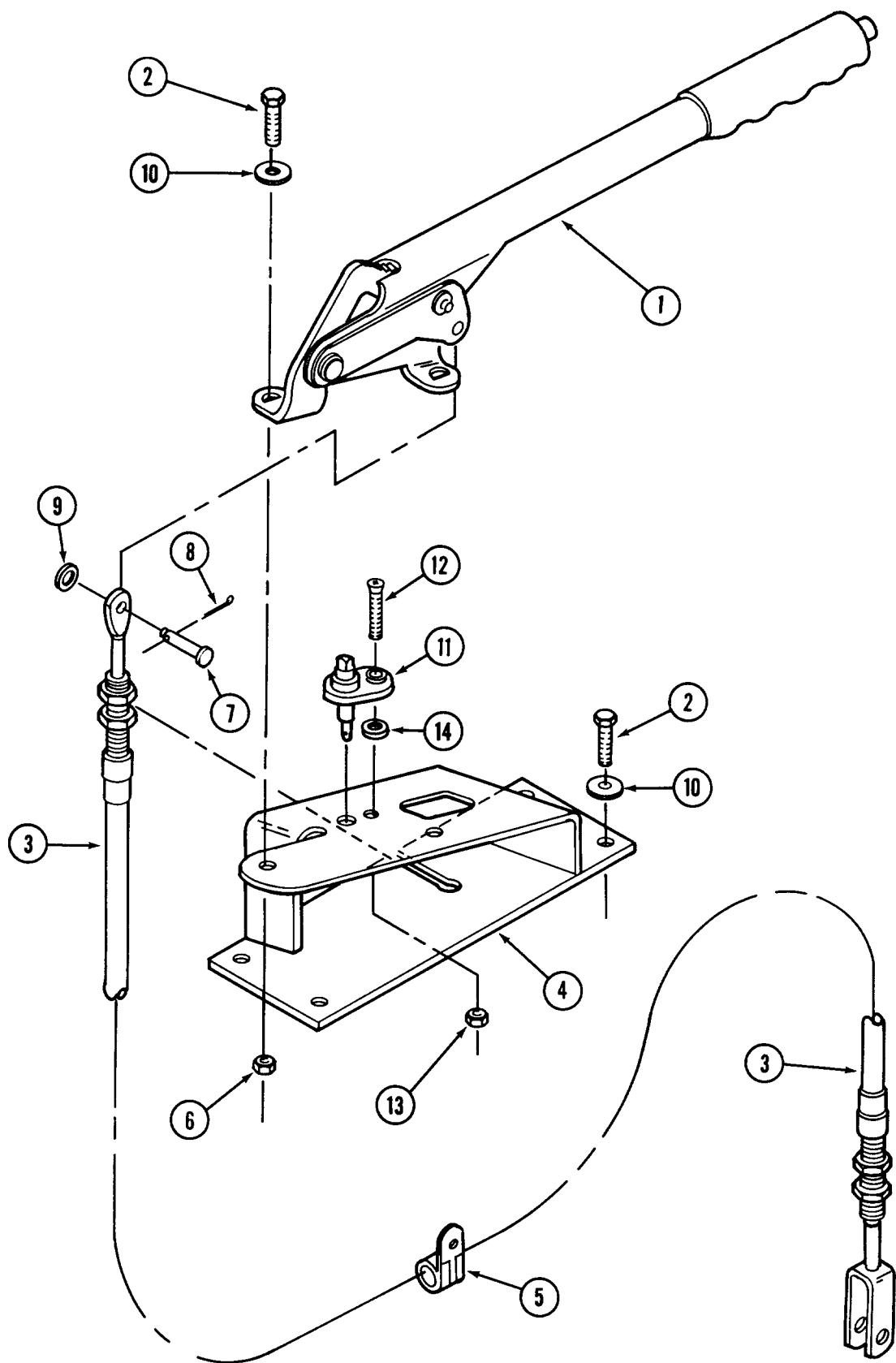
BRAKE CONTROLS**9370 Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6835T1	PEDAL - brake.....	1
2	60-6836T1	BUSHING - pivot	1
3	11-19	SPRING - torsion, pedal return	1
4	60-4306T1	ROD - push, master cylinder.....	1
5	60-4337T1	BUSHING - flanged	1
6	413-832	BOLT - hex, 1/2 NC x 2 inch	1
7	231-1448	NUT - hex, self-locking, 1/2 inch NC	3
8	218-441	ADAPTER - straight, 7/16-20 flare x 1/8 inch PT.....	1
10	426-820	BOLT - hex, 1/2 NC x 1-1/4 inch, grade 8	2
11	60-5074T1	MOUNT - pedal, brake and clutch.....	1
12	1-3520	BUMPER - pedal stop, brake and clutch.....	2
15	425-117	NUT - hex, 7/16 inch NF	1
16	90-7554T91	CYLINDER ASSEMBLY - brake master, parts list page 7-17	1
19	231-1446	NUT - hex, self-locking, 3/8 inch NC	3



BRAKE CONTROLS**9380 and 9390 Only**

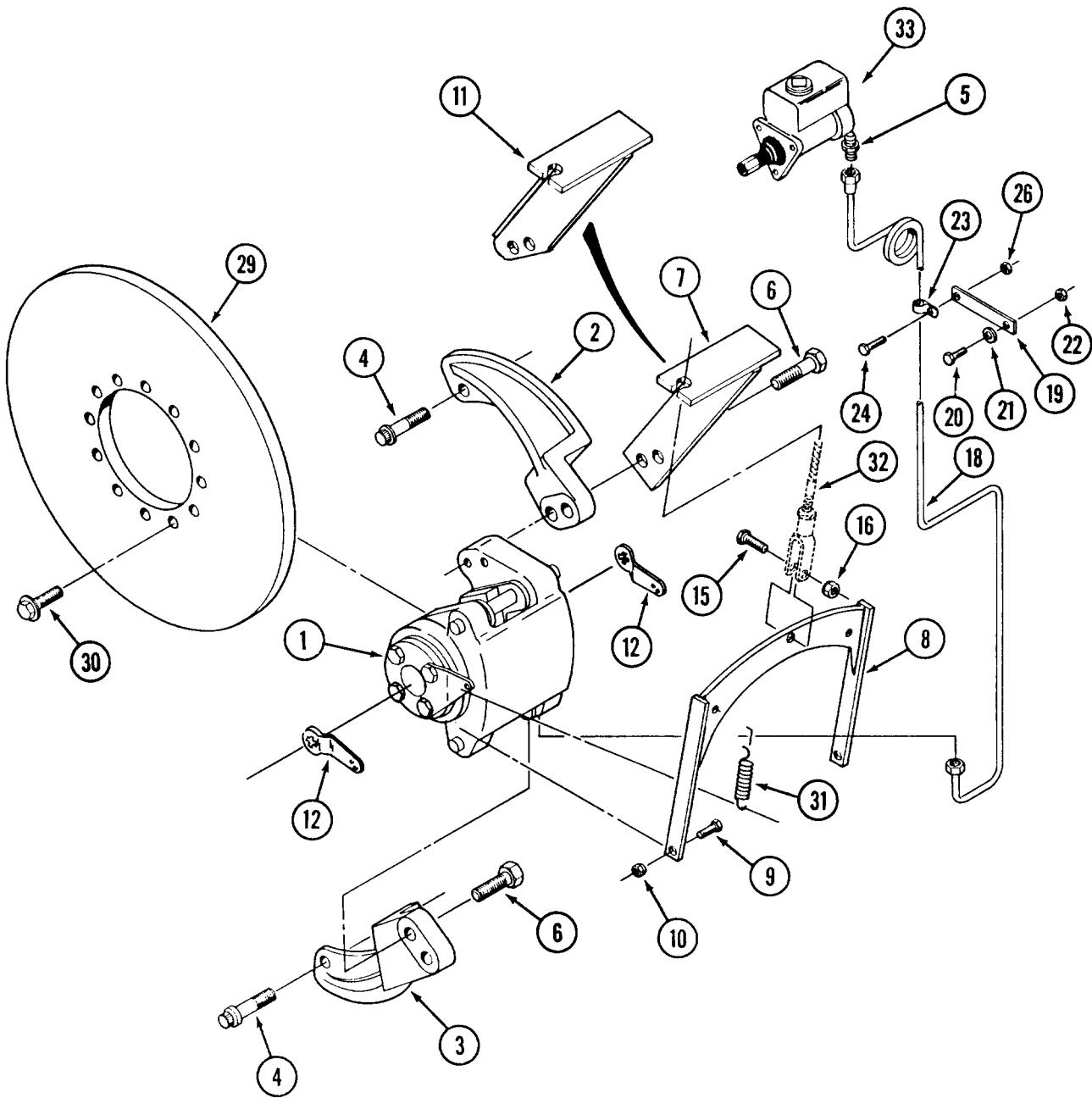
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6835T1	PEDAL - brake.....	1
2	60-6836T1	BUSHING - pivot	1
3	11-19	SPRING - torsion, pedal return	1
4	60-4306T1	ROD - push, master cylinder.....	1
5	60-4337T1	BUSHING - flanged	1
6	326-832	BOLT - hex, 1/2 NC x 2 inch, grade 8	1
7	425-108	NUT - hex, 1/2 inch NC	3
10	426-820	BOLT - hex, 1/2 NC x 1-1/4 inch, grade 8	2
11	60-5074T1	MOUNT - pedal, brake and clutch	1
12	1-3520	BUMPER - pedal stop, brake and clutch	2
15	425-1510	NUT - hex, jam, 5/8 inch NF	1
16	60-2821T91	CYLINDER ASSEMBLY - brake master, parts list page 7-19	1
19	231-1446	NUT - hex, self-locking, 3/8 inch NC	3
22	217-430	PLUG - hex socket headless, 1/8 inch PT.....	1



9370, 9380, and 9390 Tractor
PARKING BRAKE CONTROLS

7-7

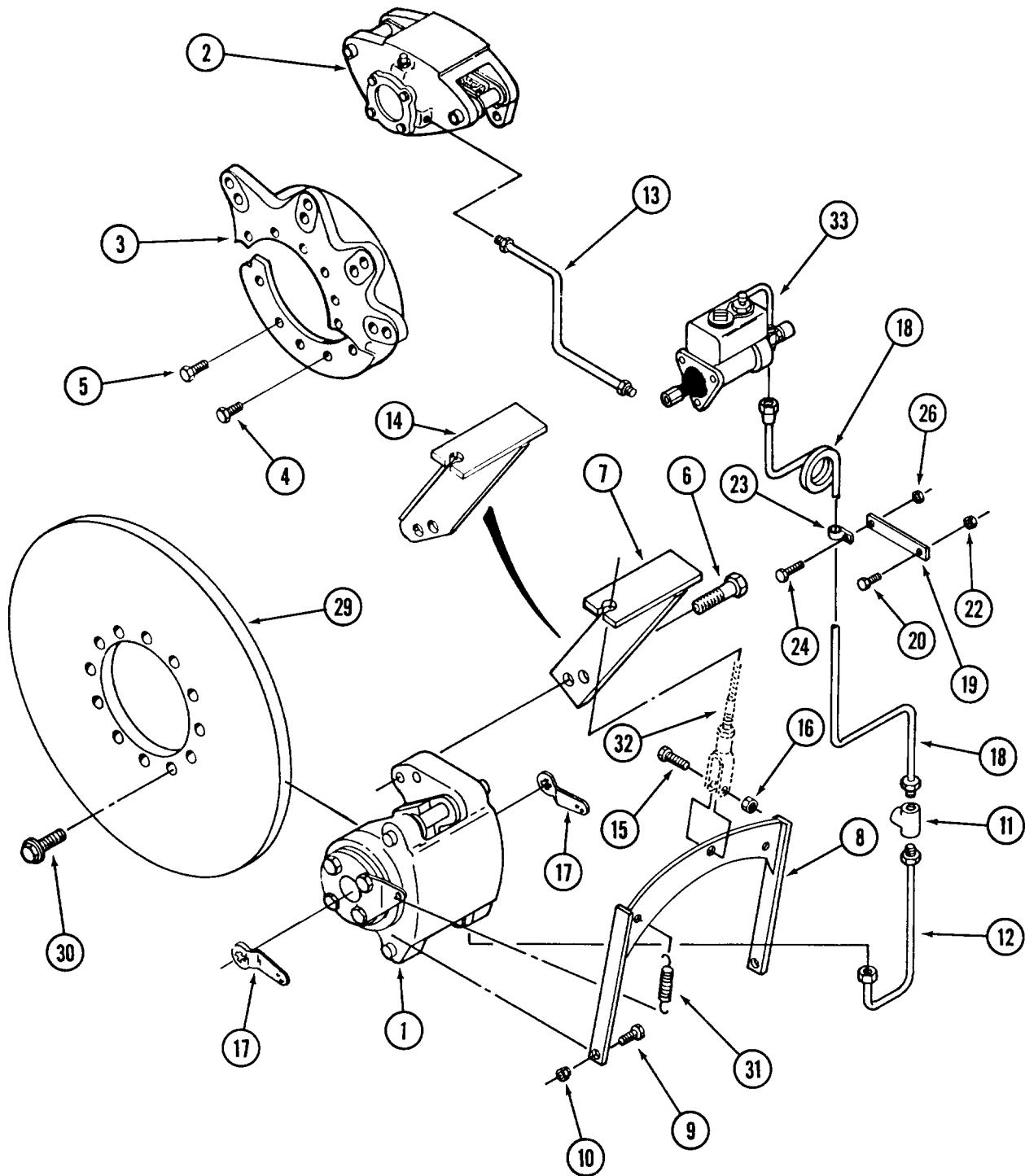
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7209T1	LEVER - parking brake	1
2	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	6
3	60-7004T1	CABLE - actuating, parking brake	1
4	60-7006T1	MOUNT - parking brake lever and cable	1
5	515-23190	CLAMP - P-type, 3/4 inch ID	1
6	425-105	NUT - hex, 5/16 inch NC	2
7	427-6106	PIN - clevis, 3/8 x 1-1/16 inch, hardened.	1
8	432-612	PIN - cotter, 3/32 x 3/4 inch	1
9	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	1
10	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	6
11	1534229C1	SWITCH - parking brake	1
12	473-10810	SCREW - machine, flat head slotted, No. 8 NC x 5/8 inch	1
13	225-14108	NUT - hex, No. 8 NC	1
14	495-21019	WASHER - flat, 3/16 x 7/16 x 3/64 inch.	1



BRAKE SYSTEM**9370 Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	* 90-8368T92	CALIPER ASSEMBLY - brake, with parking brake, parts list page 7-15, replaces 90-7650T91 caliper.....	1
2	90-7096T1	MOUNT - caliper, upper.....	1
3	90-7094T1	MOUNT - caliper, lower.....	1
4	514-928	BOLT - hex, 14 - 1.5 x 60 mm, class 10.9.....	6
5	218-441	ADAPTER - straight, 7/16-20 flare x 1/8 inch PT.....	1
6	426-1036	BOLT - hex, 5/8 NC x 2-1/4 inch, grade 8	2
7	90-6347T2	BRACKET - retaining, parking brake cable, prior to P.I.N. JEE0037590.....	1
8	90-8381T1	BRACKET - actuating, park brake, replaces 90-4030T1 bracket	1
9	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	2
10	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
11	90-8309T1	BRACKET - retaining, parking brake cable, P.I.N. JEE0037590 and after	1
12	90-8362T1	LEVER - parking brake	1
15	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	1
16	231-1446	NUT - hex, self-locking, 3/8 inch NC	1
18	90-7556T3	TUBE - brake line	1
19	90-6886T1	STRAP - clamp support.....	1
20	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.....	1
21	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	1
22	425-105	NUT - hex, 5/16 inch NC	1
23	515-2363	CLAMP - P-type, 1/4 inch ID	2
24	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	2
26	425-106	NUT - hex, 3/8 inch NC	2
29	90-1367T2	DISC - brake	1
30	428-1028	BOLT - hex, 5/8 NF x 1-3/4 inch, grade 8	12
31	90-2902T1	SPRING - return, parking brake, part of item 1 caliper assembly	2
32	60-7004T1	CABLE - actuating, parking brake	1
33	90-7554T91	CYLINDER ASSEMBLY - brake master, parts list page 7-17	1

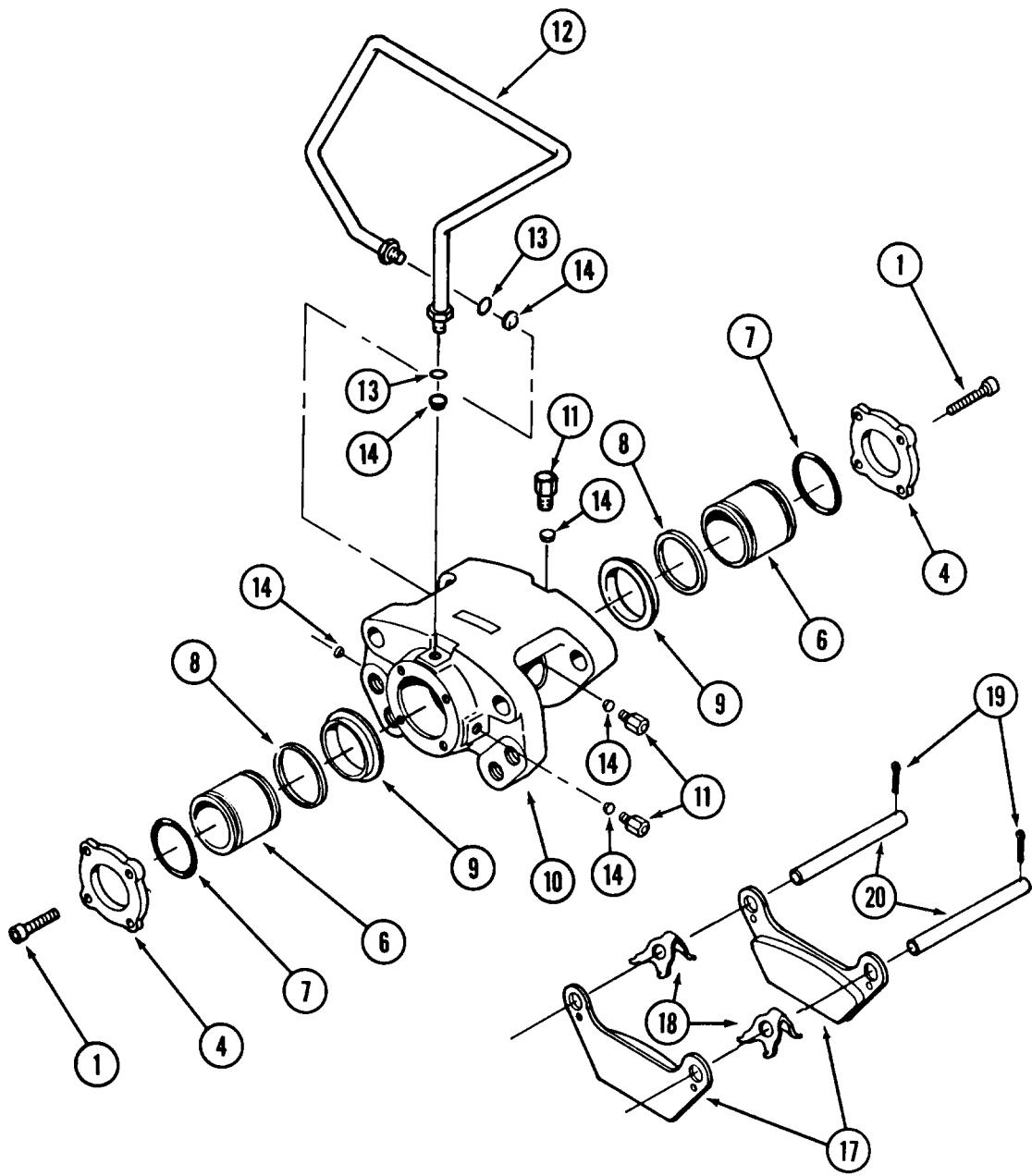
***NOTE:** When replacing Caliper Assembly 90-7650T91 on machines built prior to P.I.N. JEE0037590 with 90-8368T92 Caliper, remove parking brake lever 90-8362T1 and replace with shorter levers from original Caliper 90-7650T91 or order 90-7656T2 kit which includes (1) parking brake lever and (1) 800-44035 snap ring.



BRAKE SYSTEM**9380 and 9390 Only**

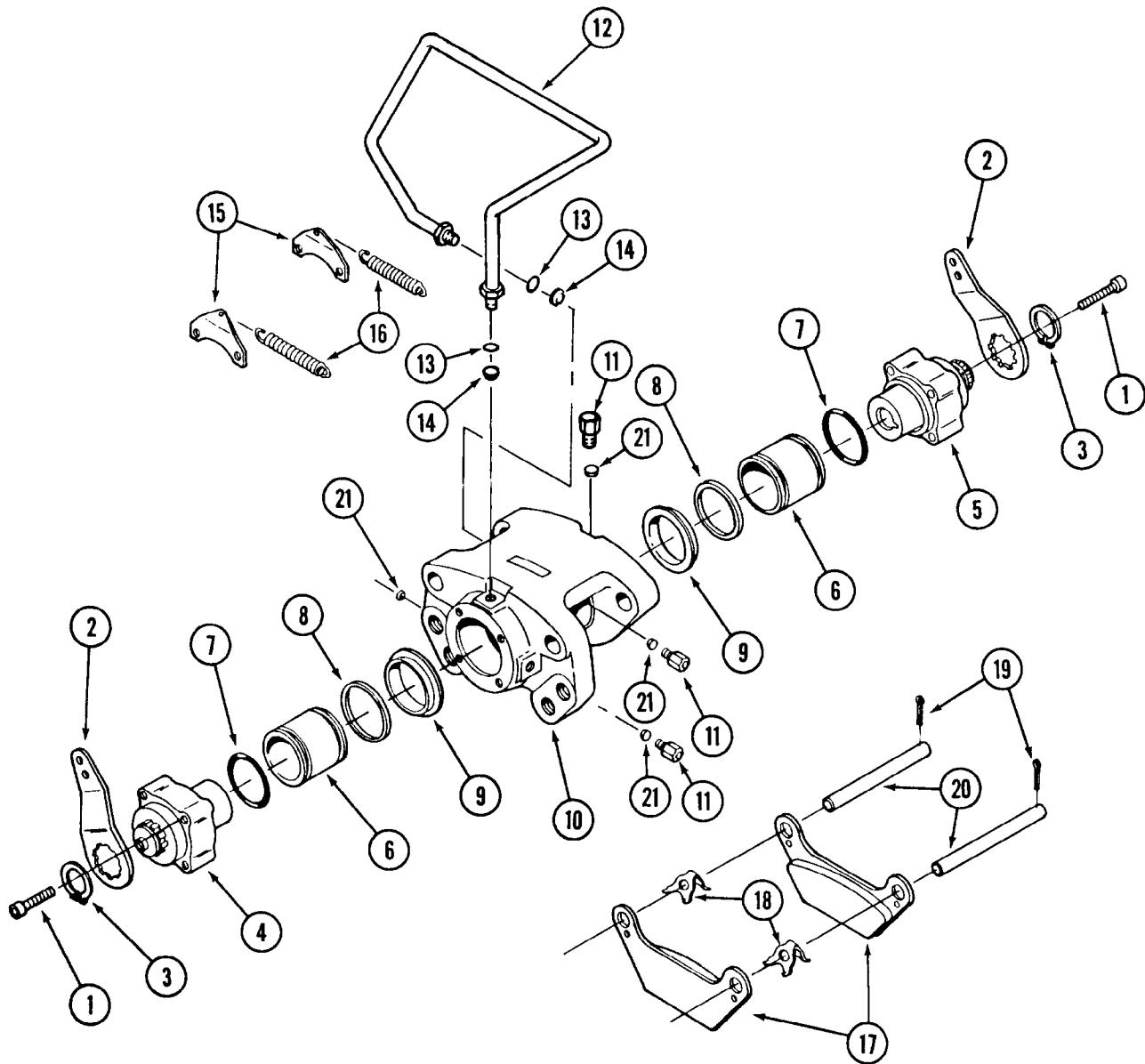
REF.	PART NO.	DESCRIPTION	REQ'D.
1	* 90-8368T92	CALIPER ASSEMBLY - brake, with parking brake, parts list page 7-15, replaces 90-7650T91 caliper	1
2	90-7871T91	CALIPER ASSEMBLY - brake, without parking brake, parts list page 7-13.	1
3	90-6843T2	MOUNT - caliper	1
4	40-1185	BOLT - 12 point flange, 14 - 1.5 x 120 mm, class 12.9	6
5	40-1186	BOLT - 12 point flange, 14 - 1.5 x 60 mm, class 12.9	5
6	426-1036	BOLT - hex, 5/8 NC x 2-1/4 inch, grade 8	2
7	90-6347T2	BRACKET - retaining, parking brake cable, prior to P.I.N. JEE0037590.	1
8	90-8381T1	BRACKET - actuating, park brake, replaces 90-4030T1 bracket	1
9	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	2
10	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
11	222-1150	TEE - 7/16-24 inch inverted flare	1
12	90-7863T1	TUBE - brake line, branch to cylinder with parking brake	1
13	90-7864T1	TUBE - brake line, branch to cylinder without parking brake.	1
14	90-8309T1	BRACKET - retaining, parking brake cable, P.I.N. JEE0037590 and after	1
15	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	1
16	231-1446	NUT - hex, self-locking, 3/8 inch NC	1
17	90-8362T1	LEVER - parking brake	1
18	90-7862T1	TUBE - brake line, master cylinder	1
19	90-6886T1	STRAP - clamp support	1
20	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.	1
22	425-105	NUT - hex, 5/16 inch NC	1
23	515-2363	CLAMP - P-type, 1/4 inch ID	2
24	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.	2
26	425-106	NUT - hex, 3/8 inch NC	2
29	90-1367T2	DISC - brake	1
30	428-1028	BOLT - hex, 5/8 NF x 1-3/4 inch, grade 8	12
31	90-2902T1	SPRING - return, parking brake.	2
32	60-7004T1	CABLE - actuating, parking brake	1
33	60-2821T91	CYLINDER ASSEMBLY - brake master, parts list page 7-19	1

***NOTE:** When replacing Caliper Assembly 90-7650T91 on machines built prior to P.I.N. JEE0037590 with 90-8368T92 Caliper, remove parking brake lever 90-8362T1 and replace with shorter levers from original Caliper 90-7650T91 or order 90-7656T2 kit which includes (1) parking brake lever and (1) 800-44035 snap ring.



BRAKE CALIPER ASSEMBLY**Without Parking Brake****9380 and 9390 Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7871T91	CALIPER ASSEMBLY - brake.....	1
1	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	8
4	A46972	CAP - end.....	2
	90-7651T2	KIT - piston, includes one each of items 6-9	2
6	NSS	PISTON - brake	1
	90-7652T2	KIT - seal, includes items not used in this caliper.....	1
7	NSS	O-RING - seal	2
8	A46968	SEAL - piston.....	2
9	A46969	BOOT - dust	2
10	NSS	HOUSING - brake	1
11	A46962	SCREW - bleeder.....	3
	90-7632T2	KIT - tube, brake.....	1
12	90-7631T1	TUBE - brake	1
13	90-7316T1	O-RING - seal	2
14	A46961	SEAT - bleeder screw insert.....	2
	90-7506T2	KIT - pad and holder assembly	1
17	NSS	PAD - brake	2
18	90-7507T1	SPRING - release, brake pad.....	2
19	432-1020	PIN - cotter, 5/32 x 1-1/4 inch.....	4
20	A46971	PIN - brake pad mounting	2

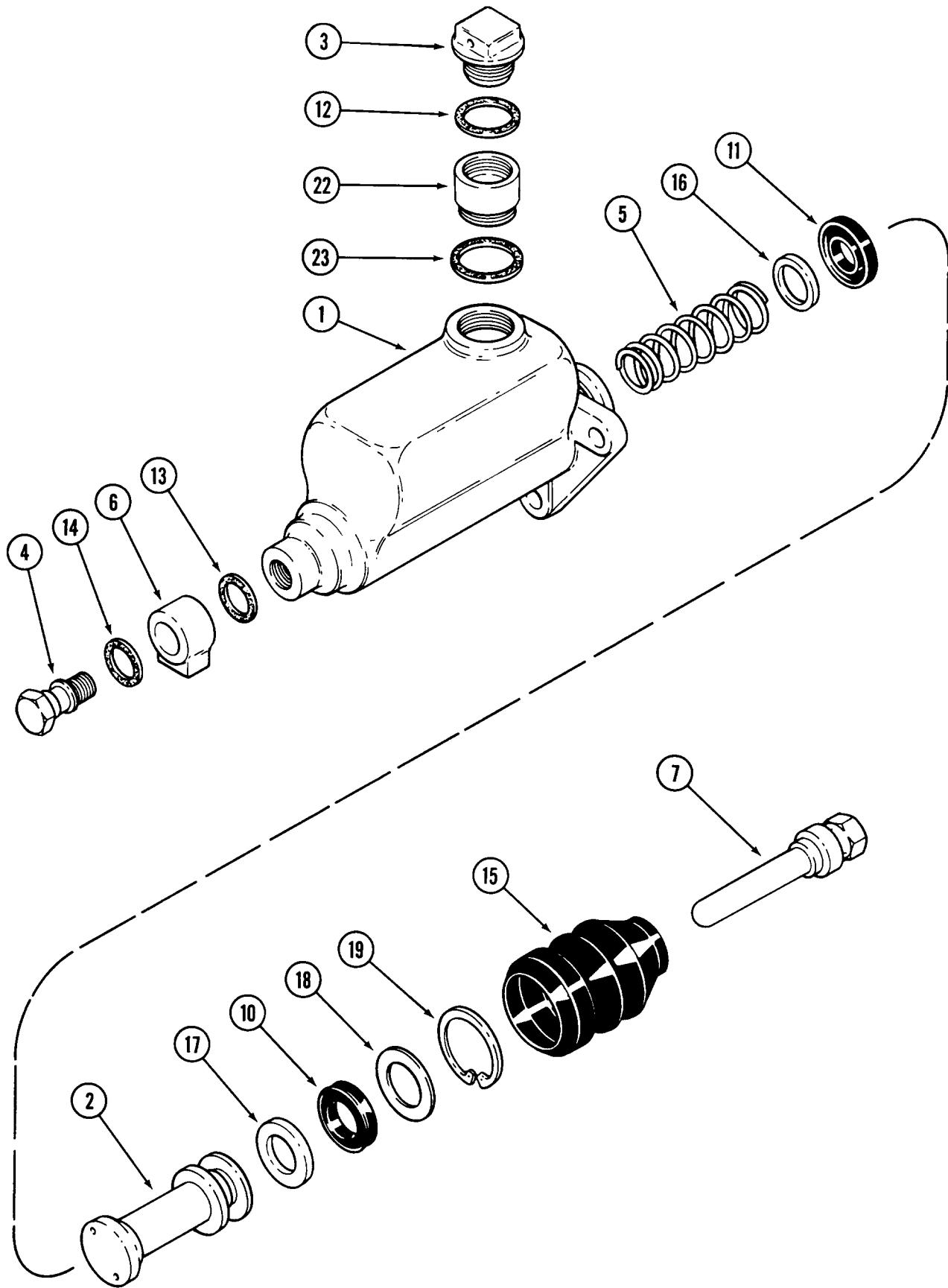


BRAKE CALIPER ASSEMBLY

With Parking Brake

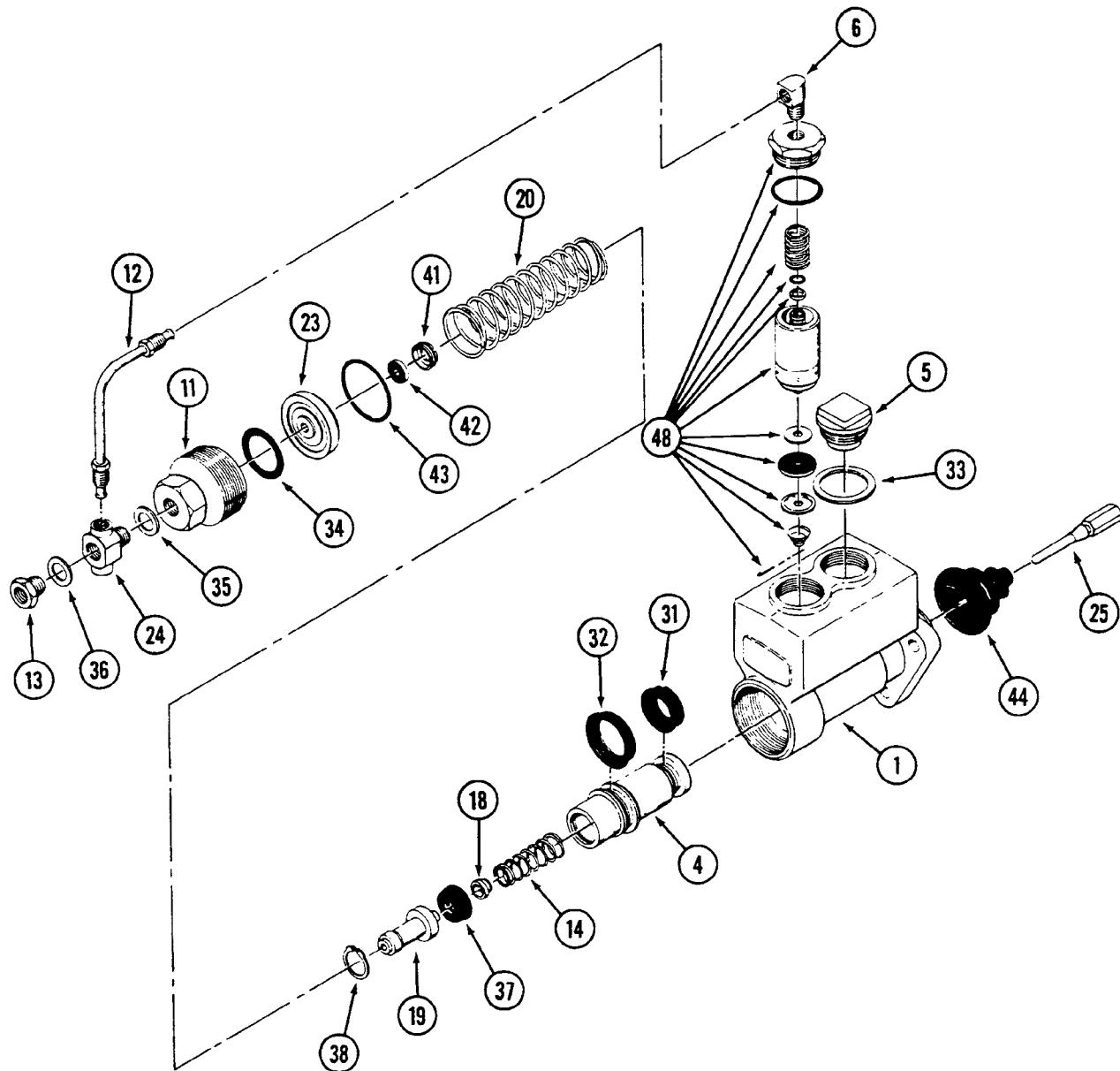
REF.	PART NO.	DESCRIPTION	REQ'D.
	* 90-8368T92	CALIPER ASSEMBLY - brake, with parking brake, replaces 90-7650T91 caliper	1
1	61-33832	BOLT - hex socket, 3/8 NC x 2-1/4 inch.	8
2	90-8362T1	LEVER - parking brake.	1
3	800-44035	RING - external retaining, No. 35.	1
4	90-7655T2	ACTUATOR - parking brake, right-hand	1
5	90-7654T2	ACTUATOR - parking brake, left-hand.	1
	90-7651T2	KIT - piston, includes one each of items 6-9	2
6	NSS	PISTON - brake	1
	90-7652T2	KIT - seal, includes items not used in this caliper.	1
7	NSS	O-RING - seal	2
8	A46968	SEAL - piston.	2
9	A46969	BOOT - dust	2
10	NSS	HOUSING - brake	1
11	A46962	SCREW - bleeder.	3
	90-7632T2	KIT - tube, brake.	1
12	90-7631T1	TUBE - brake	1
13	90-7316T1	O-RING - seal	2
14	A46961	SEAT - bleeder screw insert.	2
	90-7653T2	KIT - return spring	1
15	NSS	BRACKET - return	2
16	90-2902T1	SPRING - return	2
	90-7506T2	KIT - pad and holder assembly	1
17	NSS	PAD - brake	2
18	90-7507T1	SPRING - release, brake pad.	2
19	432-1020	PIN - cotter, 5/32 x 1-1/4 inch.	4
20	A46971	PIN - brake pad mounting	2
21	A46961	SEAT - bleeder screw insert.	4

*** NOTE:** When replacing Caliper Assembly 90-7650T91 on machines built prior to P.I.N. JEE0037590 with 90-8368T92 Caliper, remove parking brake lever 90-8362T1 and replace with shorter levers from original Caliper 90-7650T91 or order 90-7656T2 kit which includes (1) parking brake lever and (1) 800-44035 snap ring.



MASTER CYLINDER ASSEMBLY**9370 Tractor / Single Stage**

REF.	PART NO.	DESCRIPTION	REQ'D.
	90-7554T91	CYLINDER ASSEMBLY - brake master	1
1	NSS	HOUSING - cylinder, brake	1
2	NSS	PISTON - brake	1
3	S301536	CAP - master cylinder, replaces 1-9956 cap	1
4	31-663	BOLT - hex, outlet port.....	1
5	NSS	SPRING - return.....	1
6	31-664	FITTING - swivel	1
7	1-2960	ROD - push, cylinder	1
	35-1894T91	KIT - brake cylinder	1
10	NSS	CUP - sealing	1
11	NSS	CUP - sealing, small.....	1
12	NSS	GASKET - filler cap.....	1
13	1-1800	GASKET - fitting	1
14	1-1799	GASKET - fitting, outer	1
15	NSS	BOOT - dust	1
16	NSS	WASHER - retainer	1
17	NSS	WASHER - backup.....	1
18	NSS	WASHER - stop	1
19	NSS	RING - snap	1
22	60-4546T1	EXTENSION - master cylinder cap, stand-off	1
23	60-4581T1	GASKET - master cylinder cap, stand pipe	1



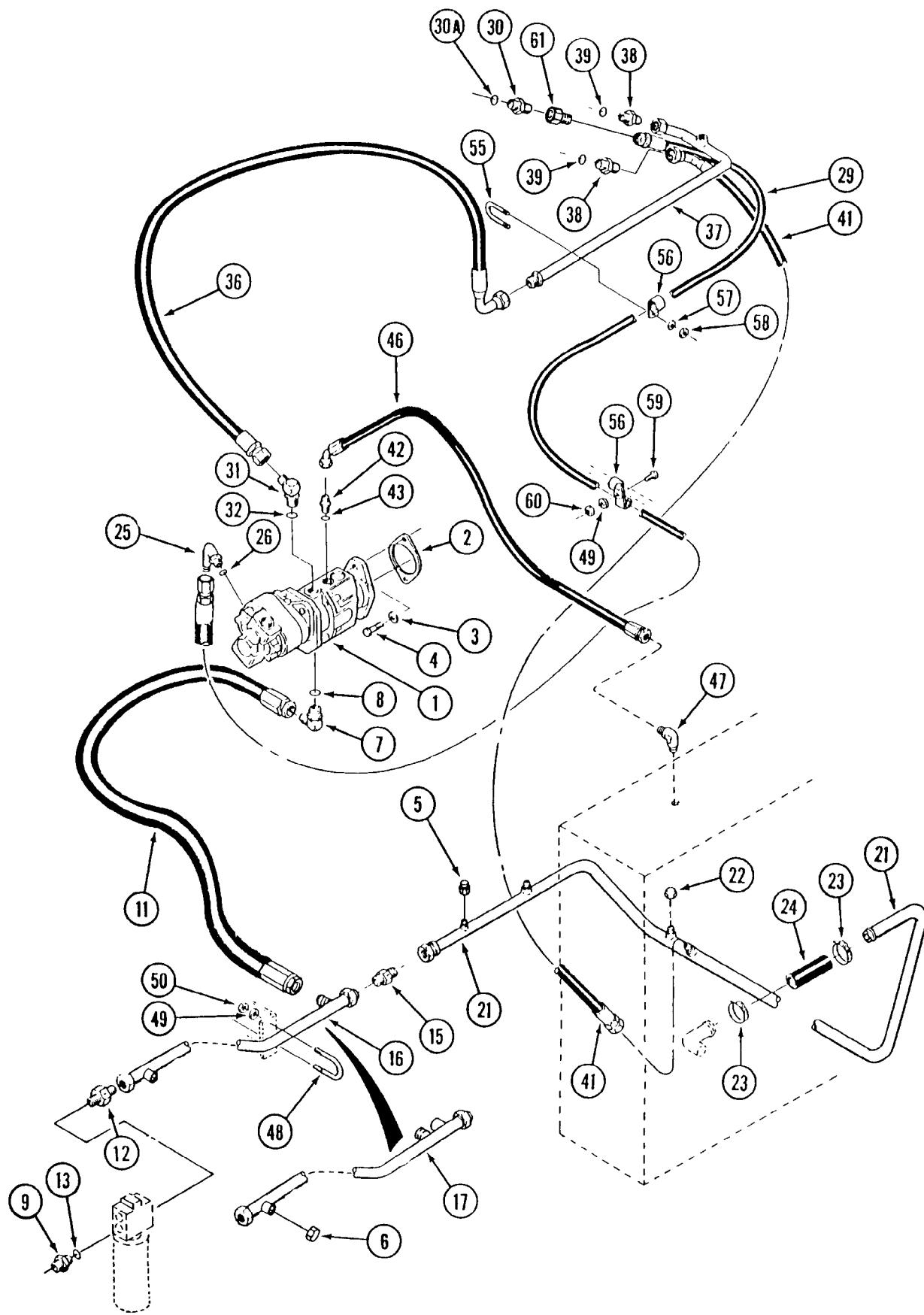
MASTER CYLINDER ASSEMBLY**9380 and 9390 / Dual Stage**

REF.	PART NO.	DESCRIPTION	REQ'D.
	60-2821T91	CYLINDER ASSEMBLY - brake master	1
1	NSS	HOUSING - cylinder, brake	1
4	NSS	PISTON - brake	1
5	2-1210T1	CAP - filler, brake	1
6	2-6647T1	ELBOW - 90 degree	1
11	2-6648T91	CAP - end, brake cylinder	1
12	S114809	TUBE - brake fluid	1
13	2-6650T1	CONNECTOR - straight	1
14	NSS	SPRING - return	1
18	NSS	RETAINER - spring	1
19	NSS	PISTON - brake	1
20	NSS	SPRING - return	1
23	NSS	RETAINER - spring	1
24	2-6651T1	CONNECTOR - four way, brake line	1
25	2-6652T1	ROD - push, brake actuating	1
	2-6646T1	KIT - repair, cylinder	1
31	NSS	CUP - seal, small	1
32	NSS	CUP - seal, large	1
33	S114797	GASKET - filler plug, replaces 2-1206 gasket	1
34	NSS	SEAL - retainer	1
35	NSS	GASKET - connector, inner	1
36	NSS	GASKET - connector, outer	1
37	NSS	CUP - seal	1
38	NSS	RING - snap	1
41	NSS	RETAINER - seat	1
42	NSS	SEAT - piston	1
43	NSS	O-RING - seal, end cap	1
44	NSS	BOOT - dust	1
48	2-7082T1	VALVE - relief	1

ALPHABETICAL INDEX

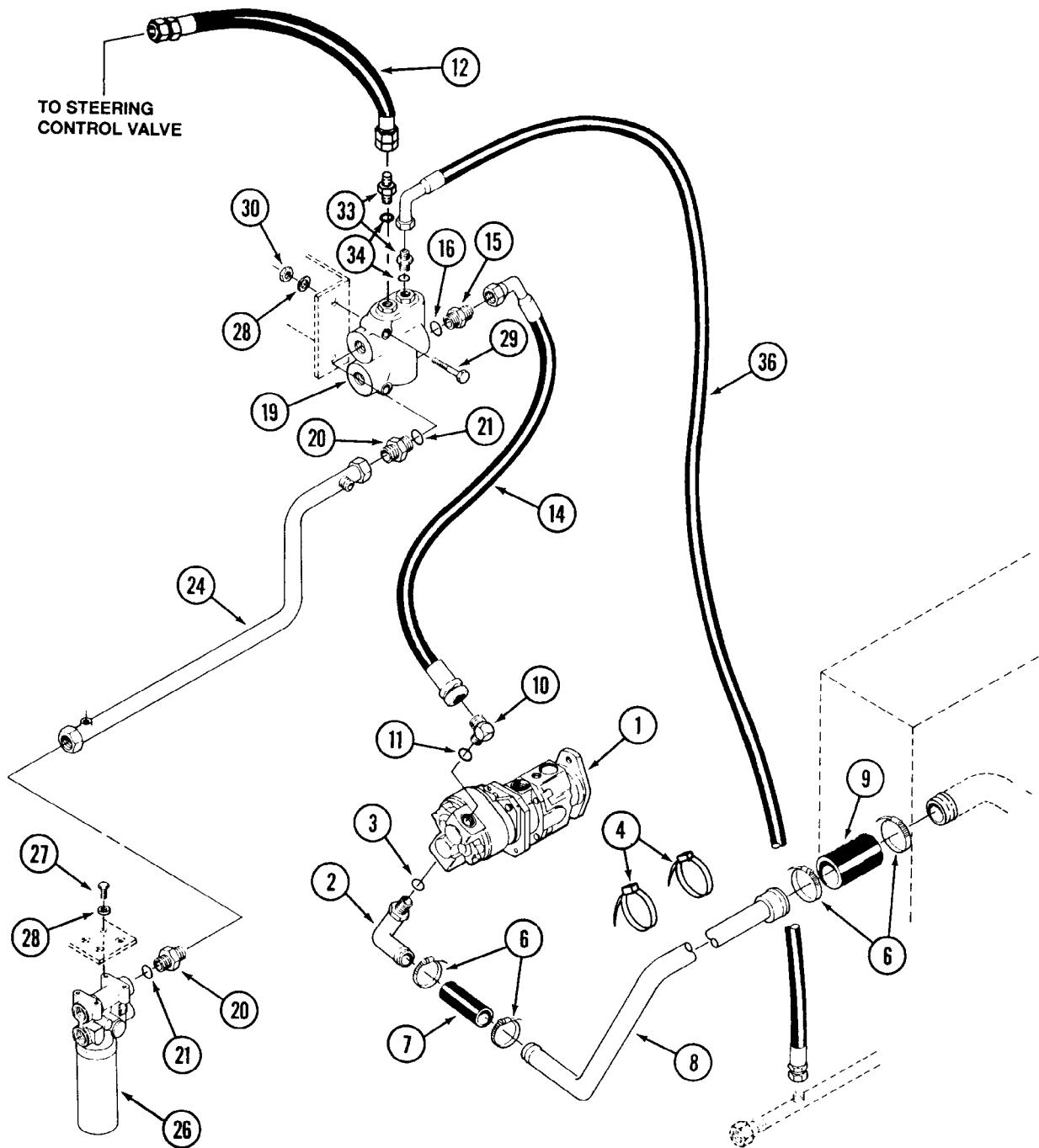
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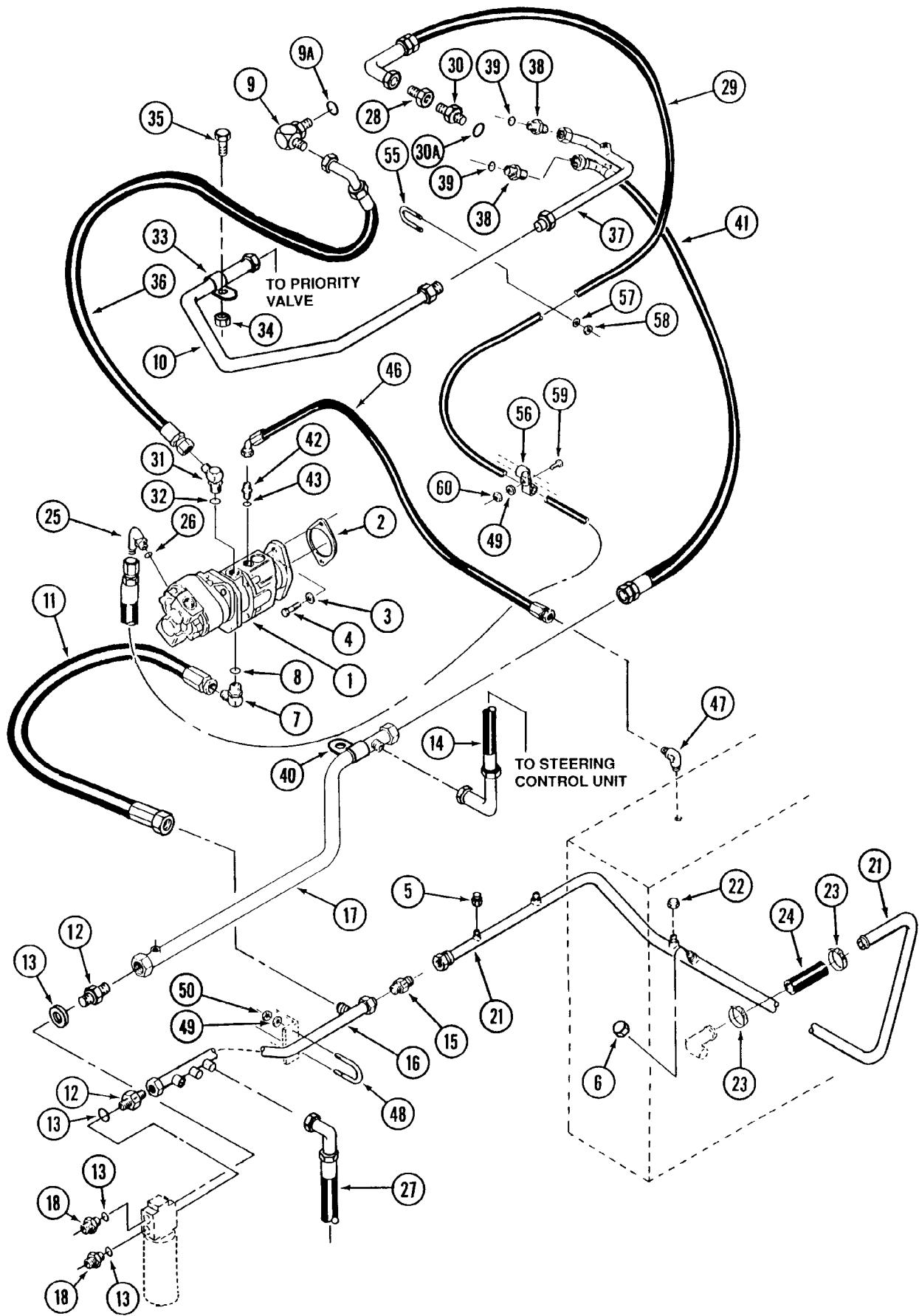
9370, 9380, and 9390 Tractor
STANDARD HYDRAULIC SYSTEM
Pump Circuit To Control Valve
9370 and 9380 Only

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3548T93	PUMP ASSEMBLY - tandem, no longer available, order component parts separately, parts list page 8-23, also order 218-5062 adapter, item 42 below	1
2	18-1176T1	GASKET - pump	1
3	496-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch, hardened	2
4	426-820	BOLT - hex, 1/2 NC x 1-1/4 inch, grade 8	2
5	218-756	CAP - hex, used on models without three point hitch	2
6	218-758	CAP - hex, 1-5/16-12 inch	1
7	218-5086	ADAPTER - straight, 1-5/16-12 flare x 1-5/8 inch O-ring	1
8	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
9	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	9
11	31-3002	HOSE - 889 mm (35 inch) long, to return tube	1
12	218-5039	ADAPTER - straight, 1-5/8-12 flare x 1-1/16-12 inch O-ring boss	2
13	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
15	50-2565T1	VALVE - check	1
16	50-3581T1	TUBE - filter to check valve, replaced by 50-3581T2 tube, item 17	1
17	50-3581T2	TUBE - filter to check valve, replaces 50-3581T1 tube, item 16	1
21	50-3416T2	TUBE - check valve to hydraulic tank	1
22	218-335	CAP - hex, 1-1/16-12 inch	1
23	31-1283	CLAMP - adjustable, 1-1/4 x 2-5/8 inch	2
24	1-4571	HOSE - 114 mm (4-1/2 inch) long, cut from 1-4482 bulk hose, see below	1
25	50-3561T1	ELBOW - 90 degree, 9/16-18 flare x 7/16-20 inch O-ring boss	1
26	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
29	31-3052	HOSE - 1524 mm (60 inch) long, to control valve	1
30	218-5057	ADAPTER - straight, 9/16-18 inch flare x O-ring boss, pilot port, remote valve inlet, replaces 218-5135 adapter	1
30A	237-6006	O-RING - 15/32 ID x 5/64 inch wide	1
31	218-5140	ELBOW - 45 degree, 1-5/16-12 inch flare x adj O-ring boss	1
32	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
36	31-3053	HOSE - pump to tube	1
37	50-3554T1	TUBE - supply, hose to control valve	1
38	218-5050	ADAPTER - straight, 1-5/16-12 flare x 1-1/16-12 inch O-ring boss	2
39	237-6012	O-RING - 59/64 ID x 7/64 inch wide	2
41	31-2671	HOSE - 610 mm (24 inch) long	1
42	218-5360	ADAPTER - straight, 7/8-14 flare x 9/16-18 inch O-ring boss, if used	1
42	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss, if used	1
43	237-6006	O-RING - 15/32 ID x 5/64 inch wide	1
46	31-3028	HOSE - to hydraulic tank	1
47	218-485	ELBOW - 90 degree, 7/8-14 flare x 1/2 inch PT	1
48	19-154	U-BOLT - tube	2
49	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch	5
50	231-1445	NUT - hex, self-locking, 5/16 inch NC	4
55	19-6258	U-BOLT - 1/4-20 inch, tube	1
56	515-23222	CLAMP - P-type, 7/8 inch ID	3
57	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch	2
58	232-4114	NUT - hex, self-locking, 1/4 inch NC	2
59	413-616	BOLT - hex, 3/8 NC x 1 inch	1
60	232-4136	NUT - hex, self-locking, 3/8 inch NC	1
61	31-2685	ADAPTER - orifice	1
	1-4482	HOSE - bulk, 3048 mm (120 inch) long, sold by the foot	UAR



9370, 9380, and 9390 Tractor
STANDARD HYDRAULIC SYSTEM
Pump Circuit To Priority Valve
9370 and 9380 Only

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3548T93	PUMP ASSEMBLY - tandem, no longer available, order component parts separately, parts list page 8-23.	1
2	31-1394	ELBOW - hose stem, special.	1
3	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
4	19-135	STRAP - tie, nylon	2
6	31-1283	CLAMP - adjustable, 1-1/4 x 2-5/8 inch	4
7	1-5651	HOSE - 203 mm (8 inch) long, cut from 1-4482 bulk hose, see below	1
8	50-3415T2	TUBE - supply, pump to tank	1
9	31-2427	HOSE - 102 mm (4 inch) long, cut from 1-4568 bulk hose, see below	1
10	218-5124	ELBOW - 90 degree, 1-5/16-12 flare x 1-1/16-12 inch adj O-ring boss	1
11	237-6012	O-RING - 59/64 ID x 7/64 inch wide	1
12	31-2814	HOSE - 711 mm (28 inch) long, steering sensing	1
14	32-187	HOSE - 762 mm (30 inch) long, to priority valve	1
15	218-5069	ADAPTER - straight, 1-5/16-12 inch flare x O-ring boss	1
16	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
19	50-3155T91	VALVE ASSEMBLY - priority, parts list page 8-39	1
20	218-5039	ADAPTER - straight, 1-5/8-12 flare x 1-1/16-12 inch O-ring boss	2
21	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	2
24	50-3504T2	TUBE - priority valve to filter	1
26	50-3632T91	FILTER ASSEMBLY - hydraulic oil, parts list page 8-35, replaces 50-3493T91 filter	1
27	413-616	BOLT - hex, 3/8 NC x 1 inch	2
28	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch	4
29	413-556	BOLT - hex, 5/16 NC x 3-1/2 inch	2
30	231-1446	NUT - hex, self-locking, 3/8 inch NC	2
33	218-5053	ADAPTER - straight, 7/16-20 flare x O-ring boss	1
34	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
36	31-3027	HOSE - 965 mm (38 inch) long, to return tube	1
	1-4482	HOSE - bulk, 3048 mm (120 inch) long, sold by the foot	UAR
	1-4568	HOSE - bulk, 51 (2) ID x 3048 mm (120 inch) long	UAR

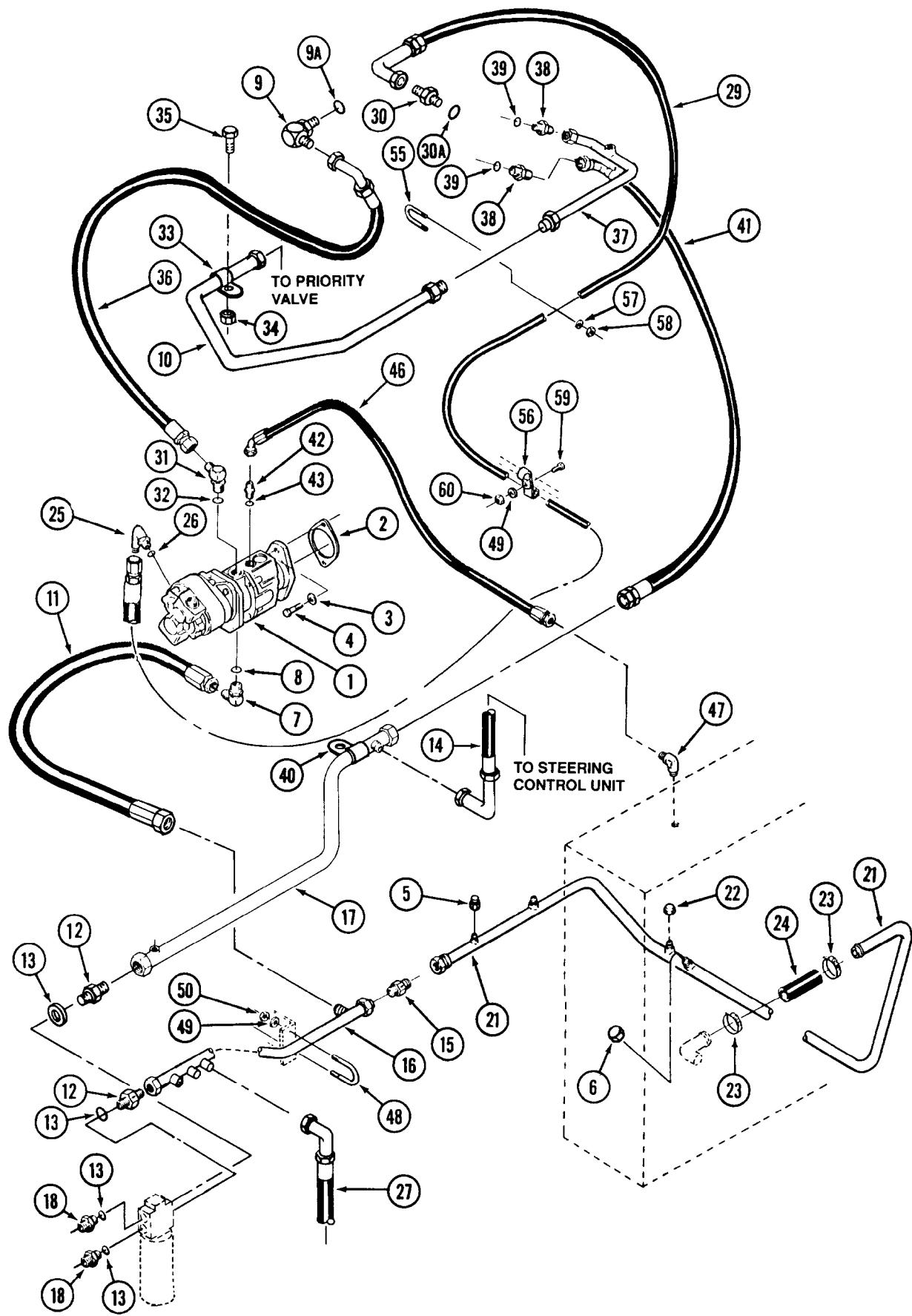


9370, 9380, and 9390 Tractor
***HIGH OUTPUT HYDRAULIC SYSTEM**
Pump Circuit to Control Valve

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3619T91	PUMP ASSEMBLY - tandem, no longer available, order component parts separately, parts list page 8-23.....	1
2	18-1176T1	GASKET - pump	1
3	496-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch, hardened	2
4	426-820	BOLT - hex, 1/2 NC x 1-1/4 inch, grade 8	2
5	218-756	CAP - hex, used on models without three point hitch	2
6	218-758	CAP - hex, 1-5/16-12 inch	1
7	218-5086	ADAPTER - straight, 1-5/16-12 flare x 1-5/8 inch O-ring.....	1
8	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
9	218-5124	ELBOW - 90 degree, 1-5/16-12 flare x 1-1/16-12 inch adj O-ring boss.....	1
9A	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
10	50-3612T1	TUBE - hydraulic valve to priority valve.....	1
11	31-3002	HOSE - 889 mm (35 inch) long, to return tube	1
12	218-5039	ADAPTER - straight, 1-5/8-12 flare x 1-1/16-12 inch O-ring boss.....	2
13	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
14	31-3026	HOSE - 864 mm (34 inch) long	1
15	50-2565T1	VALVE - check.....	1
16	50-3581T2	TUBE - filter to check valve	1
17	50-3504T2	TUBE - priority valve to filter	1
18	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	2
21	50-3416T2	TUBE - check valve to hydraulic tank	1
22	218-335	CAP - hex, 1-1/16-12 inch	1
23	31-1283	CLAMP - adjustable, 1-1/4 x 2-5/8 inch.....	2
24	1-4571	HOSE - 114 mm (4-1/2 inch) long, cut from 1-4482 bulk hose, see below	1
25	50-3561T1	ELBOW - 90 degree, 9/16-18 flare x 7/16-20 inch O-ring boss.....	1
26	237-6004	O-RING - 23/64 ID x 5/64 inch wide.....	1
27	32-187	HOSE - 762 mm (30 inch) long	1
28	31-2685	ADAPTER - orifice	1
29	31-3052	HOSE - 1524 mm (60 inch) long, to control valve	1
30	218-5057	ADAPTER - straight, 9/16-18 inch flare x O-ring boss, pilot port.....	1
30A	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
31	218-5140	ELBOW - 45 degree, 1-5/16-12 inch flare x adj O-ring boss.....	1
32	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
33	515-23254	CLAMP - P-type, 1 inch ID.....	1
34	231-1446	NUT - hex, self-locking, 3/8 inch NC	4
35	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	6
36	31-3054	HOSE - 1372 mm (54 inch) long, pump to tube.....	1
37	50-3611T1	TUBE - supply, tube to control valve	1
38	218-5069	ADAPTER - straight, 1-5/16-12 inch flare x O-ring boss	2
39	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	2
40	515-23317	CLAMP - P-type, 1-1/4 inch ID	1
	1-4482	HOSE - bulk, 3048 mm (120 inch) long, sold by the foot.....	UAR

***NOTE:** The High Output hydraulic system is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.

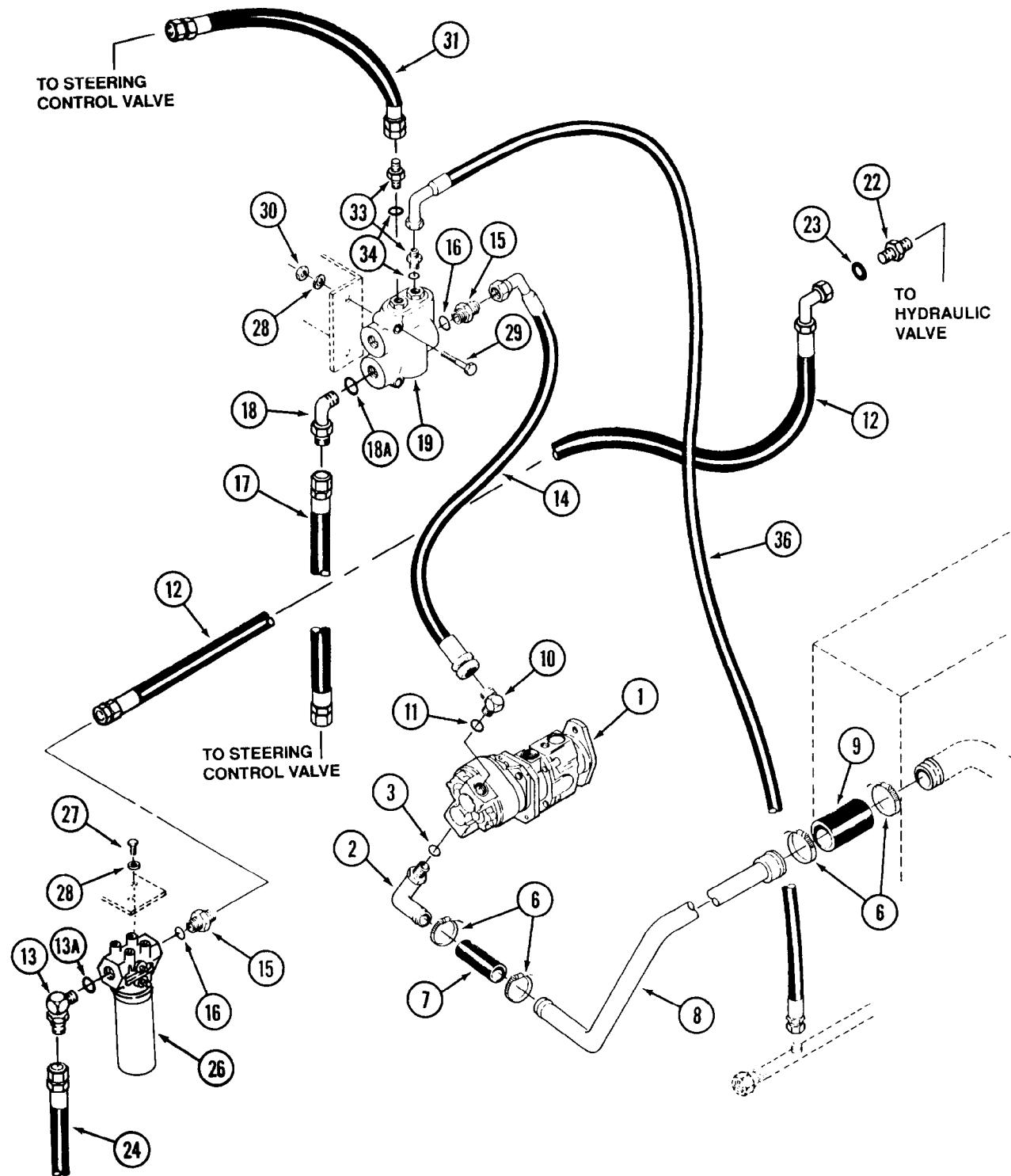
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***HIGH OUTPUT HYDRAULICS SYSTEM**
Pump Circuit to Control Valve

REF.	PART NO.	DESCRIPTION	REQ'D.
41	31-3196	HOSE - hydraulic control valve to filter, replaces 31-3173 hose	1
42	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss.	1
43	237-6006	O-RING - 15/32 ID x 5/64 inch wide.	1
46	31-3028	HOSE - to hydraulic tank.	1
47	218-485	ELBOW - 90 degree, 7/8-14 flare x 1/2 inch PT	1
48	19-154	U-BOLT - tube	2
49	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.	5
50	231-1445	NUT - hex, self-locking, 5/16 inch NC	4
55	19-6258	U-BOLT - 1/4-20 inch, tube	1
56	515-23222	CLAMP - P-type, 7/8 inch ID	3
57	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch.	2
58	232-4114	NUT - hex, self-locking, 1/4 inch NC	2
59	413-616	BOLT - hex, 3/8 NC x 1 inch	1
60	232-4136	NUT - hex, self-locking, 3/8 inch NC	1

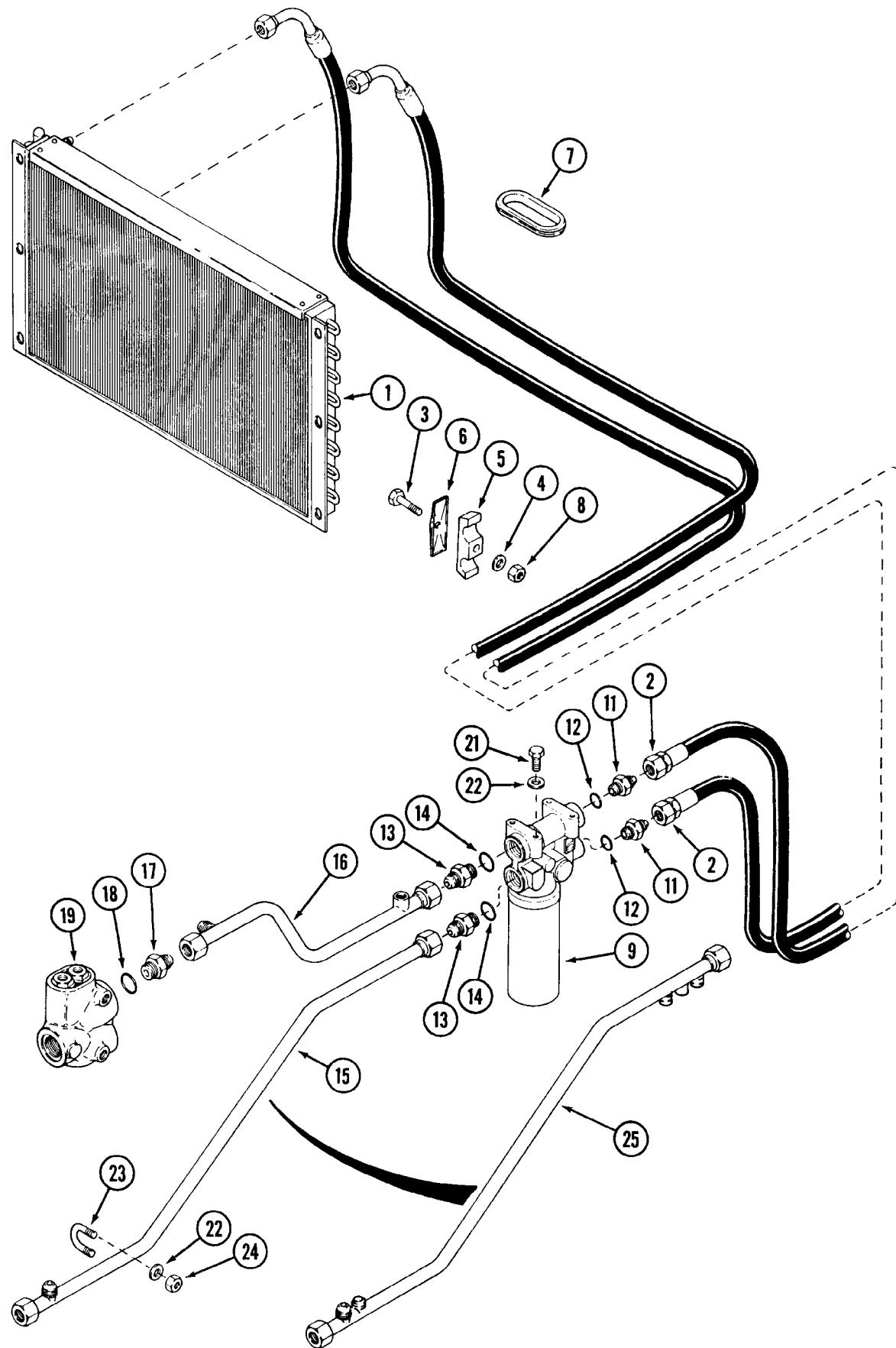
***NOTE:** The High Output hydraulic system is standard on the 9390 models and optional on the 9370 and 9380 models with P.I.N JEE0071001 and after.



***HIGH OUTPUT HYDRAULIC SYSTEM**
Pump Circuit to Priority Valve

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3619T91	PUMP ASSEMBLY - tandem, no longer available, order component parts separately, parts list page 8-23.....	1
2	31-1394	ELBOW - hose stem, special.....	1
3	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
6	31-1283	CLAMP - adjustable, 1-1/4 x 2-5/8 inch.....	4
7	1-5651	HOSE - 203 mm (8 inch) long, cut from 1-4482 bulk hose, see below	1
8	50-3415T2	TUBE - supply, pump to tank.....	1
9	31-2427	HOSE - 102 mm (4 inch) long, cut from 1-4568 bulk hose, see below	1
10	218-5124	ELBOW - 90 degree, 1-5/16-12 flare x 1-1/16-12 inch adj O-ring boss.....	1
11	237-6012	O-RING - 59/64 ID x 7/64 inch wide.....	1
12	31-3174	HOSE - 1752 mm (75 inch) long	1
13	218-5110	ELBOW - 90 degree, 1-5/16-12 inch flare x adj O-ring boss.....	1
13A	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
14	32-187	HOSE - 762 mm (30 inch) long, to priority valve.....	1
15	218-5069	ADAPTER - straight, 1-5/16-12 inch flare x O-ring boss	1
16	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
17	31-1041	HOSE - 838 mm (33 inch) long	1
18	218-5108	ELBOW - 90 degree, 1-1/16-12 inch flare x adj O-ring boss	1
18A	237-6012	O-RING - 59/64 ID x 7/64 inch wide	1
19	50-3155T91	VALVE ASSEMBLY - priority, parts list page 8-39	1
22	218-5050	ADAPTER - straight, 1-5/16-12 flare x 1-1/16-12 inch O-ring boss	1
23	237-6012	O-RING - 59/64 ID x 7/64 inch wide.....	1
24	32-187	HOSE - 762 mm (30 inch) long, replaces 31-2989 hose	1
26	D131293	FILTER ASSEMBLY - hydraulic oil, parts list page 8-37	1
27	413-616	BOLT - hex, 3/8 NC x 1 inch	2
28	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	4
29	413-556	BOLT - hex, 5/16 NC x 3-1/2 inch	2
30	231-1446	NUT - hex, self-locking, 3/8 inch NC	2
31	31-2814	HOSE - 711 mm (28 inch) long, steering sensing	1
33	218-5053	ADAPTER - straight, 7/16-20 flare x O-ring boss	1
34	237-6004	O-RING - 23/64 ID x 5/64 inch wide.....	1
36	31-3027	HOSE - 965 mm (38 inch) long, to return tube	1
	1-4482	HOSE - bulk, 3048 mm (120 inch) long, sold by the foot.....	UAR
	1-4568	HOSE - bulk, 51 (2) ID x 3048 mm (120 inch) long	UAR

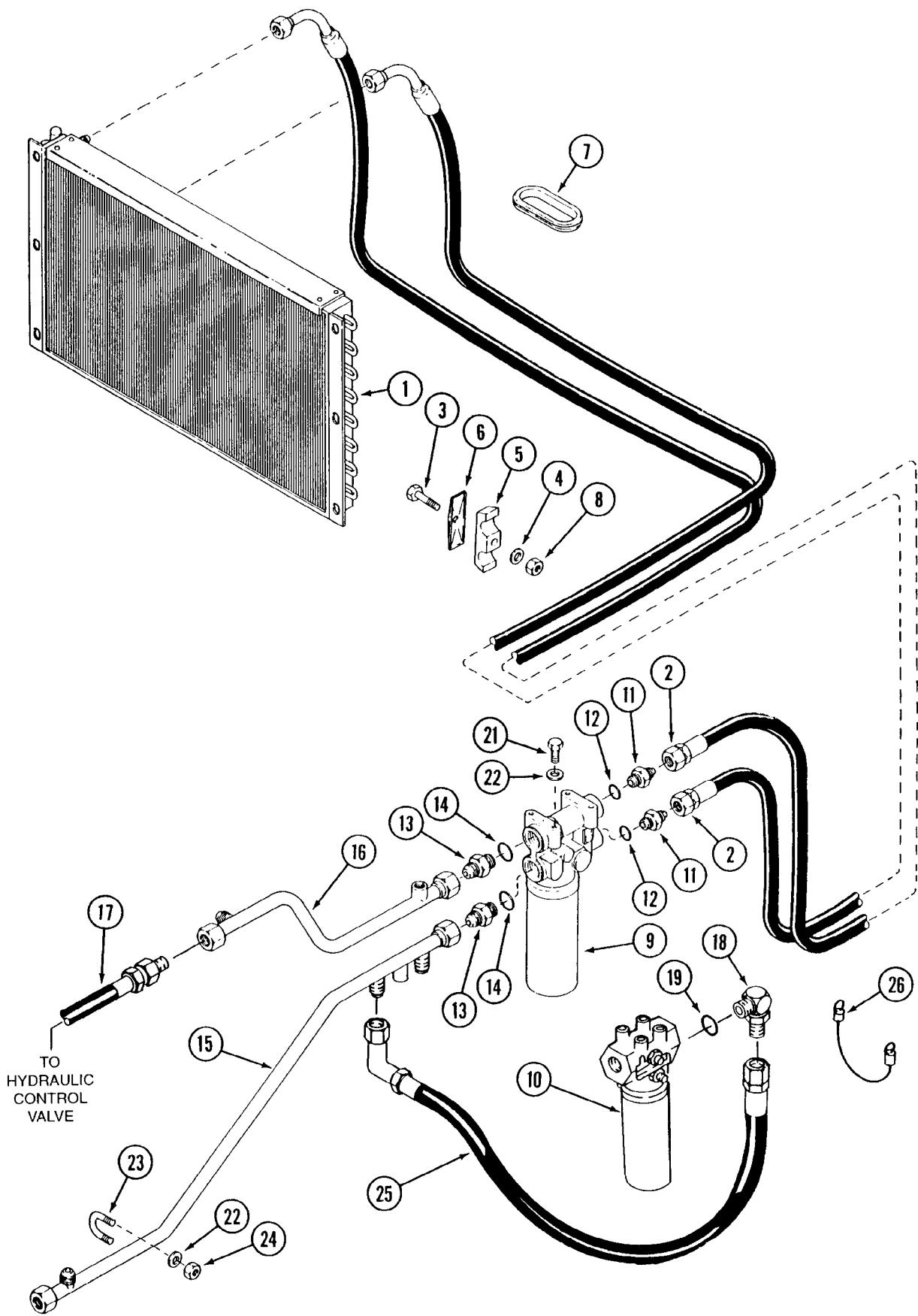
***NOTE:** The High Output hydraulic system is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.



9370, 9380, and 9390 Tractor
STANDARD HYDRAULIC SYSTEM
Oil Cooler and Filter Circuit
9370 and 9380 Only

8-13

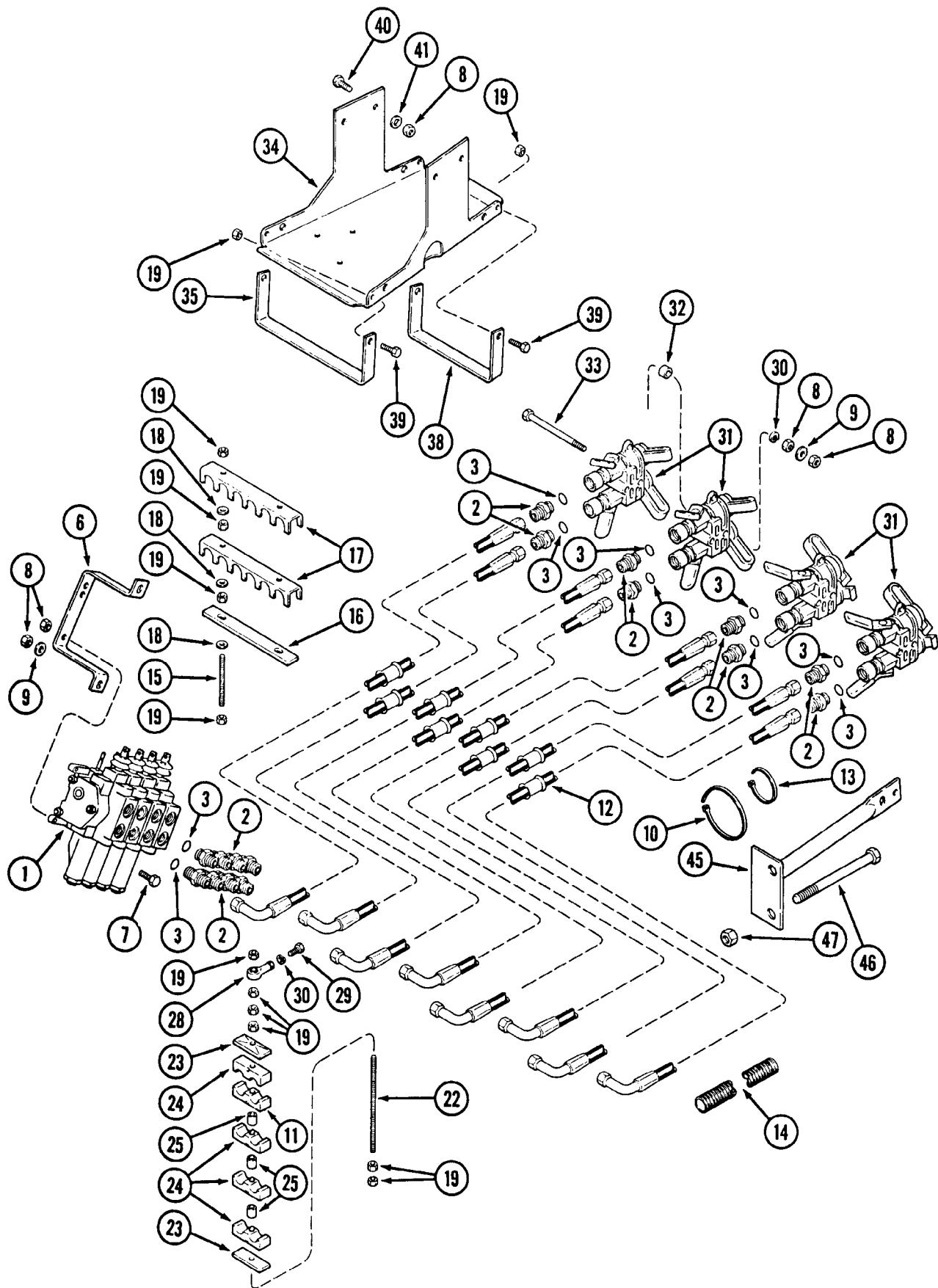
REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-6708T1	COOLER - oil, hydraulic, see page 8-41 for mounting	1
2	31-2896	HOSE - 2870 mm (113 inch) long, to filter.	2
3	426-540	BOLT - hex, 5/16 NC x 2-1/2 inch, grade 8	1
4	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.	1
5	50-2534T1	CLAMP - split, one-half	1
6	50-2533T1	PLATE - clamp support	1
7	NSS	TRIM - protection, cut from 31-1785 bulk trim, see below.	1
8	425-105	NUT - hex, 5/16 inch NC	1
9	50-3632T91	FILTER ASSEMBLY - hydraulic oil, parts list page 8-35, replaces 50-3493T91 filter	1
11	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	2
12	237-6012	O-RING - 59/64 ID x 7/64 inch wide.	1
13	218-5039	ADAPTER - straight, 1-5/8-12 flare x 1-1/16-12 inch O-ring boss.	2
14	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
15	50-3581T1	TUBE - filter to check valve, replaced by 50-3581T2 tube, item 25	1
16	50-3504T2	TUBE - priority valve to filter	1
17	218-5039	ADAPTER - straight, 1-5/8-12 flare x 1-1/16-12 inch O-ring boss.	1
18	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
19	50-3155T91	VALVE ASSEMBLY - priority, parts list page 8-39	1
21	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	2
22	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.	4
23	19-153	U-BOLT - 5/16 inch NC	1
24	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
25	50-3581T2	TUBE - filter to check valve, replaces 50-3581T1 tube, item 15	1
	31-1785	GROMMET - edge, bulk, 3048 mm (120 inch) long	UAR



***HIGH OUTPUT HYDRAULIC SYSTEM**
Oil Cooler and Filter Circuit

REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-8163T1	COOLER - oil, hydraulic, see page 8-41 for mounting	1
2	31-2896	HOSE - 2870 mm (113 inch) long, to filter.	2
3	426-540	BOLT - hex, 5/16 NC x 2-1/2 inch, grade 8	1
4	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.	1
5	50-2534T1	CLAMP - split, one-half	1
6	50-2533T1	PLATE - clamp support	1
7	NSS	TRIM - protection, cut from 31-1785 bulk trim, see below.	1
8	425-105	NUT - hex, 5/16 inch NC	1
9	50-3632T91	FILTER ASSEMBLY - hydraulic oil, parts list page 8-35, replaces 50-3493T91 filter	1
10	D131293	FILTER ASSEMBLY - hydraulic oil, parts list page 8-37.	1
11	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	2
12	237-6012	O-RING - 59/64 ID x 7/64 inch wide.	1
13	218-5039	ADAPTER - straight, 1-5/8-12 flare x 1-1/16-12 inch O-ring boss.	2
14	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
15	50-3581T2	TUBE - filter to check valve	1
16	50-3504T2	TUBE - priority valve to filter	1
17	31-3196	HOSE - hydraulic control valve to filter, replaces 31-3173 hose	1
18	218-5110	ELBOW - 90 degree, 1-5/16-12 inch flare x adj O-ring boss	1
19	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
21	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	2
22	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.	4
23	19-153	U-BOLT - 5/16 inch NC	1
24	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
25	32-187	HOSE - 762 mm (30 inch) long, replaces 31-2989 hose.	1
26	60-7251T1	WIRE - filter restriction.	1
	31-1785	GROMMET - edge, bulk, 3048 mm (120 inch) long	UAR

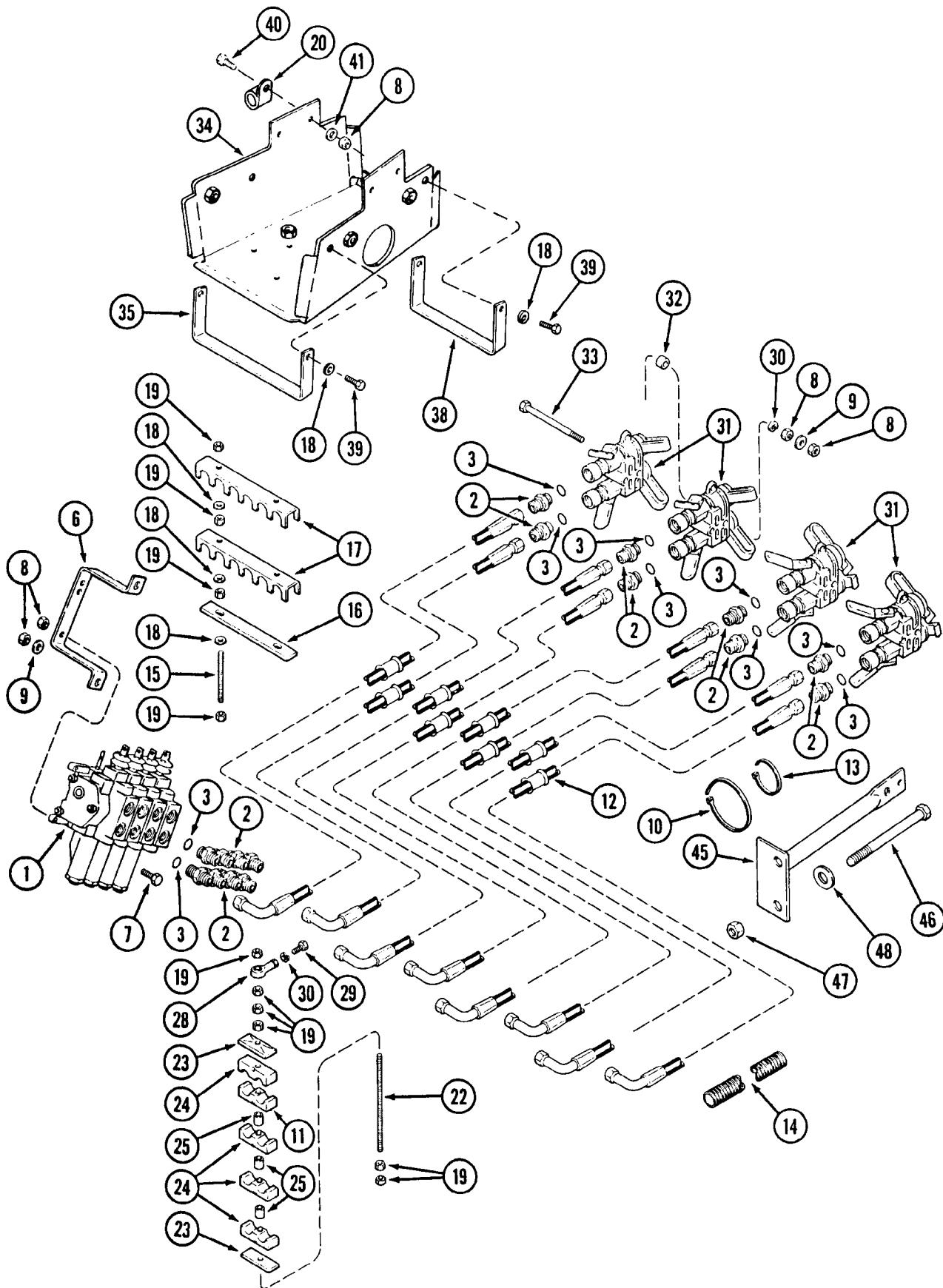
***NOTE:** The High Output hydraulic system is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after



HYDRAULIC COUPLER CIRCUIT

Prior to P.I.N. JEE0069665

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	VALVE ASSEMBLY - control, without load locks, parts list page 8-45, used on the 9370 and 9380	1
1	REF	VALVE ASSEMBLY - control, with load locks, used on the 9370 and 9380, parts list page 8-47	1
1	REF	VALVE ASSEMBLY - hydraulic, remote, four spool, used on the 9390, parts list page 8-49	1
2	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss	16
3	237-6010	O-RING - 3/4 ID x 3/32 inch wide	1
6	50-3042T1	BRACKET - valve mounting	2
7	426-624	BOLT - hex, 3/8 NC x 1-1/2 inch, grade 8	3
8	425-106	NUT - hex, 3/8 inch NC	18
9	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	8
10	50-2037T1	STRAP - tie	3
11	50-2551T1	CLAMP - hose, split, includes both halves	1
12	31-3051	HOSE - to couplers	8
13	22-824	STRAP - tie, 7 inch	UAR
14	50-3220T1	CONDUIT - hose, flex, 1829 mm (72 inch) long, cut from S119717X bulk conduit, see below	8
15	50-3343T1	STUD - clamp	2
16	50-3430T1	BAR - clamping	1
17	50-3422T2	BRACKET - hose	2
18	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	10
19	425-105	NUT - hex, 5/16 inch NC	12
22	50-2713T1	STUD - clamp, 5/16 NC x 8-1/2 inch	1
23	50-2533T1	PLATE - clamp support	2
24	50-2534T1	CLAMP - split, one-half	4
25	19-6249	SPACER - clamp	3
28	19-6233	JOINT - ball	1
29	428-616	BOLT - hex, 3/8 NF x 1 inch, grade 8	1
30	492-11038	WASHER - lock, 3/8 inch	5
31	REF	COUPLER ASSEMBLY - remote, parts list page 8-67	4
32	70-2806T1	SPACER - coupler	5
33	426-648	BOLT - hex, 3/8 NC x 3 inch, grade 8, single coupler	4
33	426-688	BOLT - hex, 3/8 NC x 5-1/2 inch, grade 8, double coupler	3
34	50-3428T2	BRACKET - mounting, remote hose	1
35	50-3425T2	BRACKET - mounting, remote hose	1
38	50-3426T1	BRACKET - mounting, hose	1
39	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	4
40	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	4
41	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	4
45	50-3318T1	MOUNT - coupler, left-hand, with PTO	1
45	50-3319T1	MOUNT - coupler, right-hand, with PTO, not shown	1
45	50-3585T1	MOUNT - coupler, left-hand, without PTO, not shown	2
45	50-3586T1	MOUNT - coupler, right-hand, without PTO, not shown	2
46	426-1244	BOLT - hex, 3/4 NC x 2-3/4 inch, grade 8, with three point hitch	4
46	413-12128	BOLT - hex, 3/4 NC x 8 inch, without three point hitch	4
46	413-1232	BOLT - hex, 3/4 NC x 2 inch, without PTO	4
47	425-1012	NUT - hex, 3/4 inch NC	4
	35-1823T91	KIT - manual three point hitch, without PTO, order from Machinery Price List	1
	S119717X	CONDUIT - bulk, 25 (1) ID x 4877 mm (192 inch) long	UAR



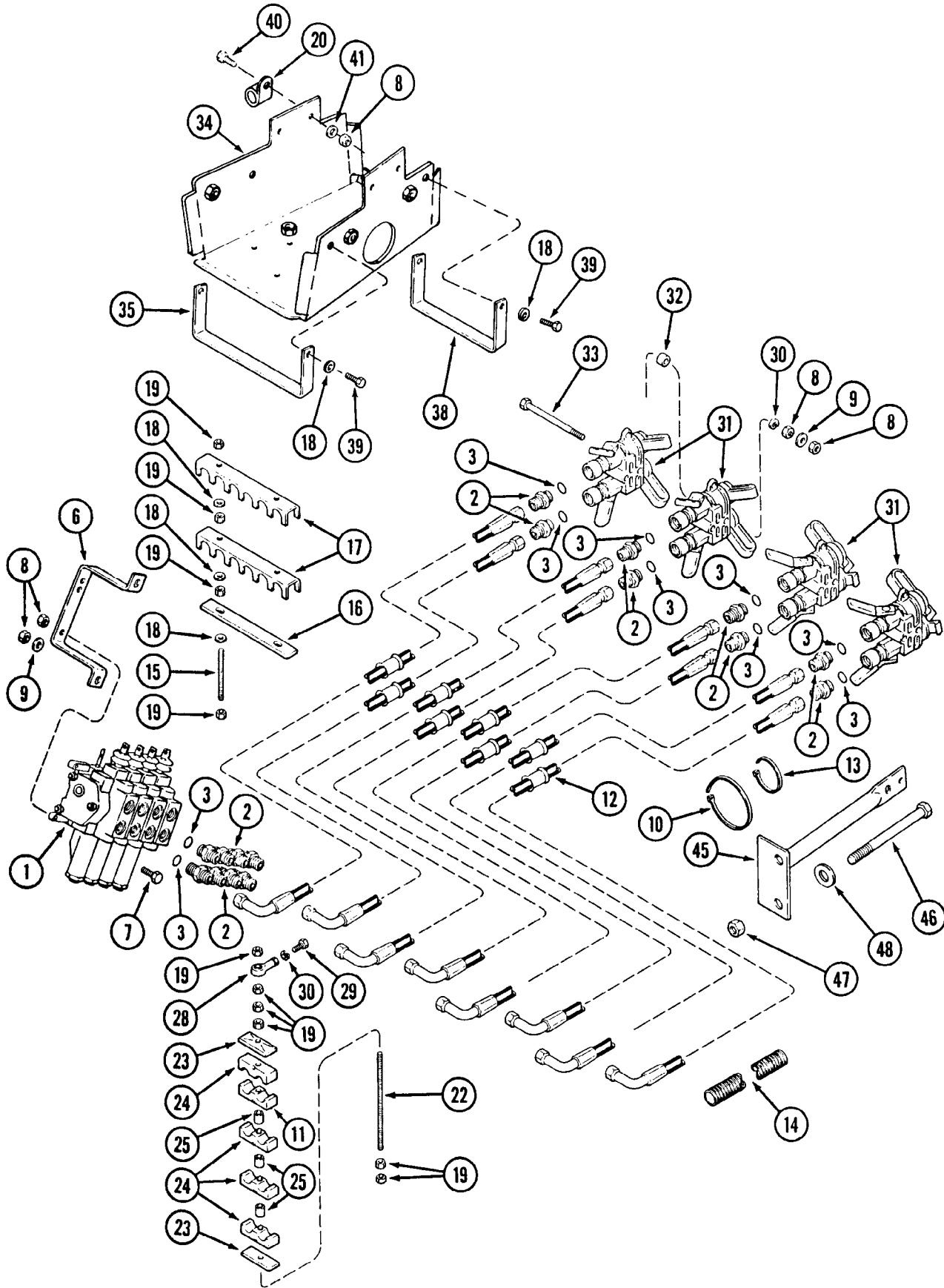
HYDRAULIC COUPLER CIRCUIT

P.I.N. JEE0069665 and After

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	VALVE ASSEMBLY - control, without load locks, parts list page 8-45, used on the 9370 and 9380.....	1
1	REF	VALVE ASSEMBLY - control, with load locks, used on the 9370 and 9380, parts list page 8-47	1
1	*REF	VALVE ASSEMBLY - hydraulic, remote, four spool, high output, parts list page 8-49.....	1
2	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss.....	8
3	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	8
6	50-3042T1	BRACKET - valve mounting	2
7	426-624	BOLT - hex, 3/8 NC x 1-1/2 inch, grade 8	3
8	425-106	NUT - hex, 3/8 inch NC	18
9	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	8
10	50-2037T1	STRAP - tie	3
11	50-2551T1	CLAMP - hose, split, includes both halves	1
12	31-3051	HOSE - to couplers	8
13	22-824	STRAP - tie, 7 inch	UAR
14	50-3220T1	CONDUIT - hose, flex, 1829 mm (72 inch) long, cut from S119717X bulk conduit, see below.....	8
15	50-3343T1	STUD - clamp	2
16	258810A1	BAR - clamping	1
17	258807A1	BRACKET - hose	2
18	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	10
19	425-105	NUT - hex, 5/16 inch NC	12
20	515-23254	CLAMP - P-type, 1 inch ID.....	1
22	50-2713T1	STUD - clamp, 5/16 NC x 8-1/2 inch	1
23	50-2533T1	PLATE - clamp support	2
24	50-2534T1	CLAMP - split, one-half	4
25	19-6249	SPACER - clamp	3
28	19-6233	JOINT - ball	1
29	428-616	BOLT - hex, 3/8 NF x 1 inch, grade 8	1
30	492-11038	WASHER - lock, 3/8 inch.....	5
	35-1823T91	KIT - manual three point hitch, without PTO, order from Machinery Price List.....	1
	S119717X	CONDUIT - bulk, 25 (1) ID x 4877 mm (192 inch) long.....	UAR

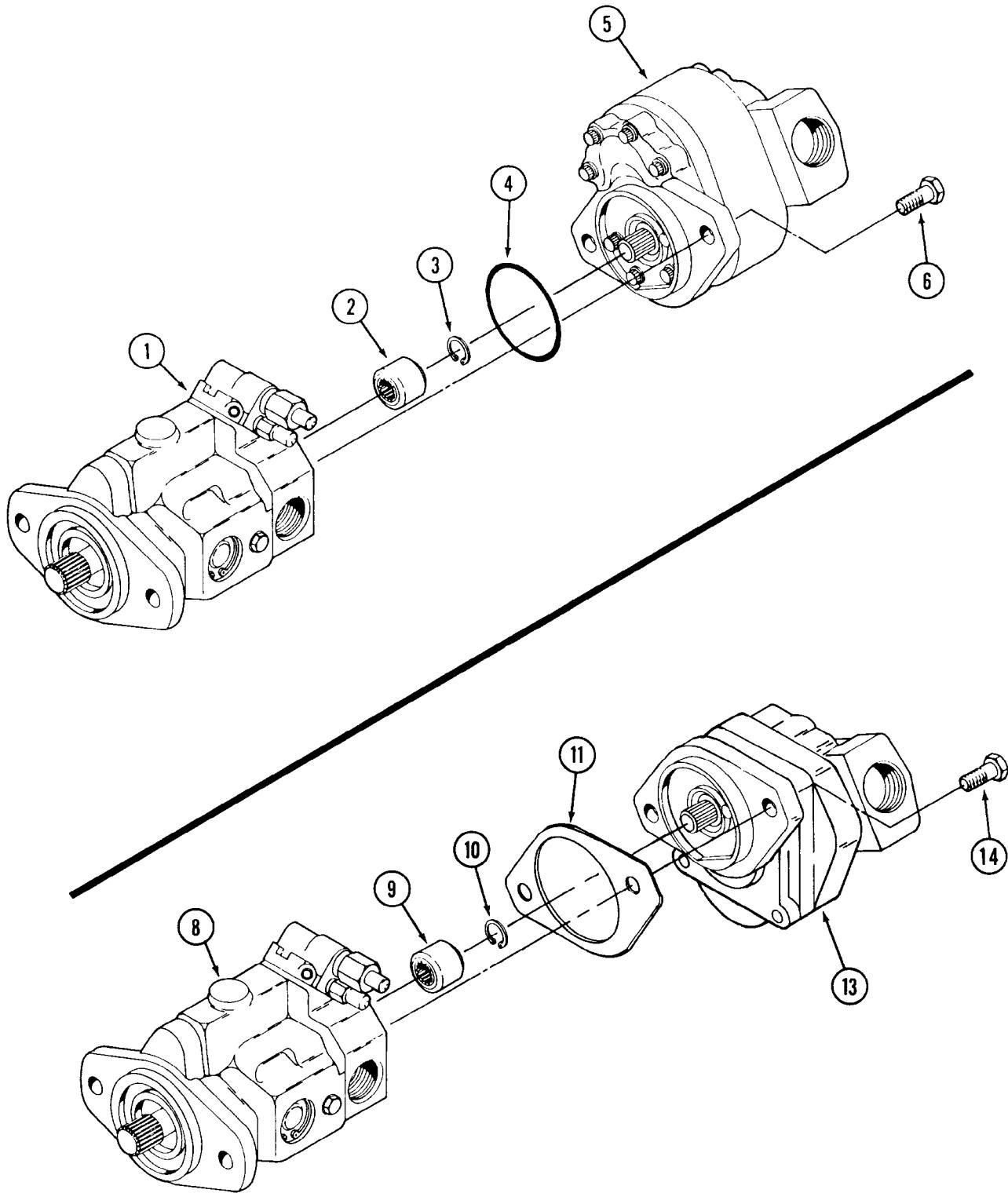
***NOTE:** The High Output hydraulic remote valve, item 1 is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.

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HYDRAULIC COUPLER CIRCUIT
P.I.N. JEE0069665 and After

REF.	PART NO.	DESCRIPTION	REQ'D.
31	REF	COUPLER ASSEMBLY - remote, parts list page 8-67	4
32	70-2806T1	SPACER - coupler.	4
33	426-648	BOLT - hex, 3/8 NC x 3 inch, grade 8, single coupler	4
33	426-688	BOLT - hex, 3/8 NC x 5-1/2 inch, grade 8, double coupler	4
34	258463A1	BRACKET - mounting, remote hose	1
35	258809A1	BRACKET - mounting, remote hose	1
38	258808A1	BRACKET - mounting, hose	1
39	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	4
40	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	5
41	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.	4
45	50-3318T1	MOUNT - coupler, left-hand, with PTO	1
45	50-3319T1	MOUNT - coupler, right-hand, with PTO, not shown.	1
45	50-3585T1	MOUNT - coupler, left-hand, without PTO, not shown	2
45	50-3586T1	MOUNT - coupler, right-hand, without PTO, not shown	2
46	426-1244	BOLT - hex, 3/4 NC x 2-3/4 inch, grade 8, with three point hitch	4
46	413-12128	BOLT - hex, 3/4 NC x 8 inch, without three point hitch	4
46	413-1232	BOLT - hex, 3/4 NC x 2 inch, without PTO	4
47	425-1012	NUT - hex, 3/4 inch NC	4
48	496-11081	WASHER - flat, 13/16 x 1-1/2 x 9/64 inch, hardened	1
	35-1823T91	KIT - manual three point hitch, without PTO, order from Machinery Price List.	1



HYDRAULIC PUMP ASSEMBLY

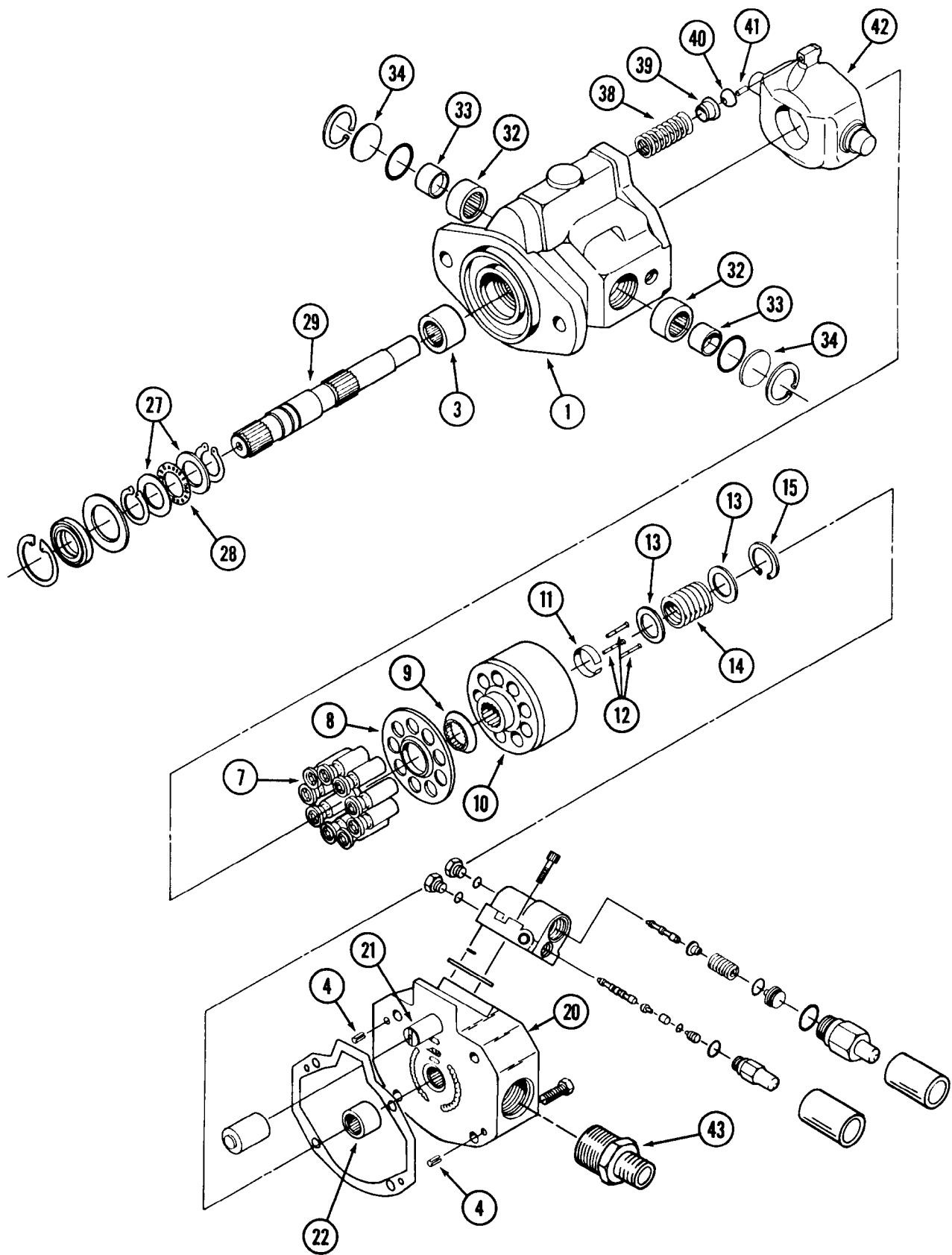
9370 and 9380 Only

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3548T93	PUMP ASSEMBLY - tandem, piston and gear, no longer available, order component parts separately	1
1	50-3547T92	PUMP ASSEMBLY - piston, parts list pages 8-25 and 8-27	1
2	50-2663T1	COUPLING - drive, pump.....	1
3	D66349	RING - retaining	1
4	D41420	O-RING - seal.....	1
5	50-2662T91	PUMP ASSEMBLY - gear, prior to P.I.N. JEE0035788, parts list page 8-29	1
5	50-2662T92	PUMP ASSEMBLY - gear, P.I.N. JEE0035788 and after, parts list page 8-29	1
6	413-824	BOLT - hex, 1/2 NC x 1-1/2 inch	2

*HIGH OUTPUT HYDRAULIC PUMP ASSEMBLY

	50-3619T91	PUMP ASSEMBLY - tandem, piston and gear, no longer available, order component parts separately	1
8	50-3547T92	PUMP ASSEMBLY - piston, parts list pages 8-25 and 8-27	1
9	50-2663T1	COUPLING - drive, pump.....	1
10	D66349	RING - retaining	1
11	18-1176T1	GASKET - pump.....	1
13	50-3589T91	PUMP ASSEMBLY - gear, parts list page 8-31	1
14	413-824	BOLT - hex, 1/2 NC x 1-1/2 inch, 1-1/2 inch	2

***NOTE:** The High Output hydraulic pump assembly is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.

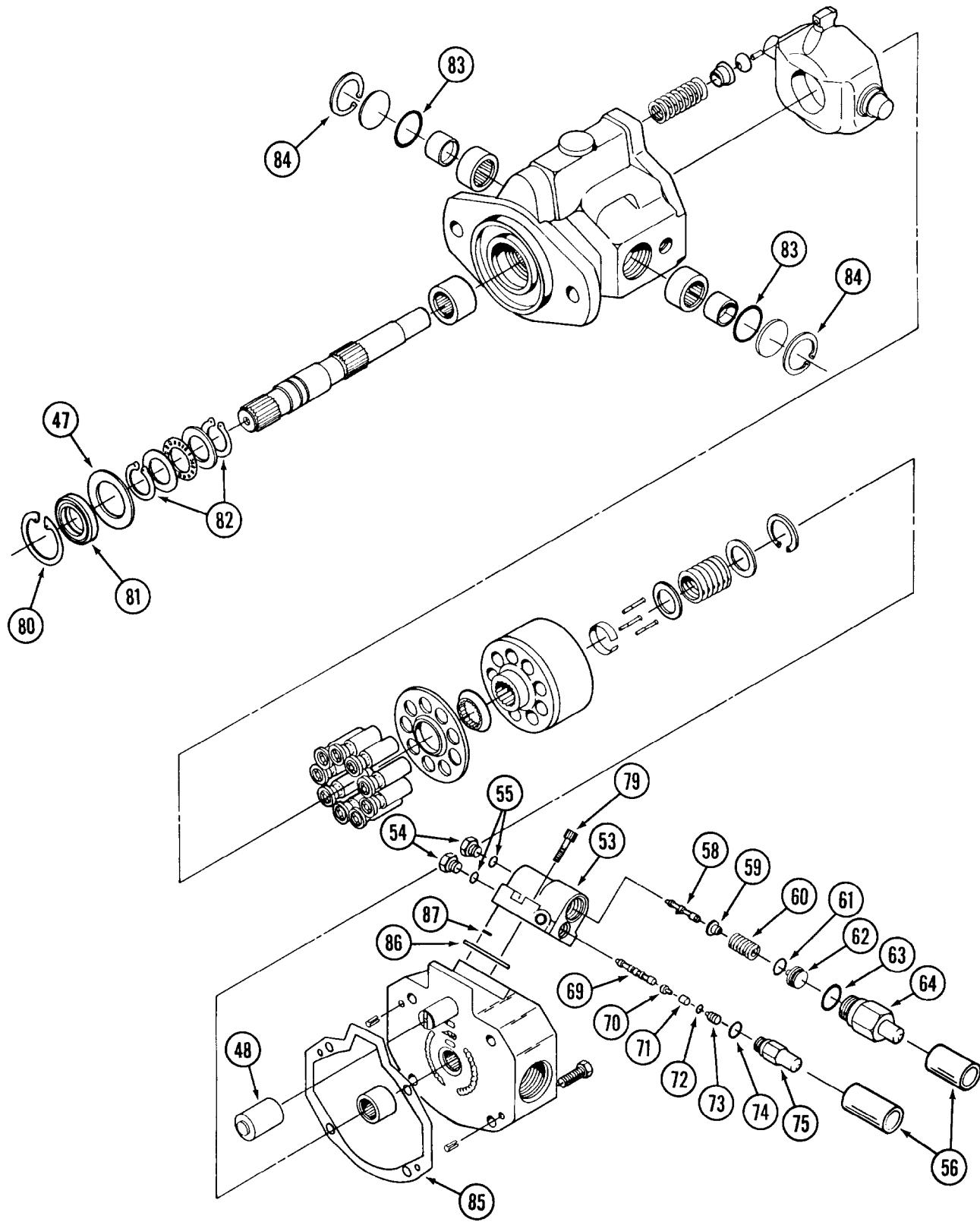


9370, 9380, and 9390 Tractor
HYDRAULIC PISTON PUMP ASSEMBLY

8-25

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3547T92	PUMP ASSEMBLY - piston, hydraulic.....	1
	50-2791T92	HOUSING ASSEMBLY - pump	1
1	NSS	HOUSING - pump.....	1
3	F60368	BEARING - needle	1
4	38-11608	PIN - roll, 1/4 x 1/2 inch, replaces 138-127 pin.....	2
	50-2801T1	KIT - rotating, piston.....	1
7	NSS	PISTON - pump	9
8	NSS	PLATE - shoe	1
9	NSS	WASHER - spherical.....	1
10	NSS	BLOCK - cylinder, piston.....	1
11	NSS	RETAINER - hydraulic piston	1
12	NSS	PIN - block	3
13	NSS	WASHER - spring.....	2
14	NSS	SPRING - block.....	1
15	NSS	RING - retaining	1
	50-2804T91	PLATE ASSEMBLY - back.....	1
20	NSS	PLATE - back	1
21	NSS	GUIDE - pin.....	1
22	G10642	BEARING - needle	1
27	50-2788T1	WASHER - thrust, bearing	2
28	T36441	BEARING - thrust.....	1
29	50-3275T1	SHAFT - drive, pump	1
32	A14858	BEARING - needle	2
33	D66352	RACE - bearing	2
34	D66359	COVER - trunnion	2
38	50-2798T1	SPRING - cam plate.....	1
39	50-2799T1	COLLAR - spring	1
40	50-1793T1	BUTTON - pivot	1
41	38-11208	PIN - roll, 3/16 x 1/2 inch	1
42	1266919C1	CAM - piston.....	1
43	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss	2

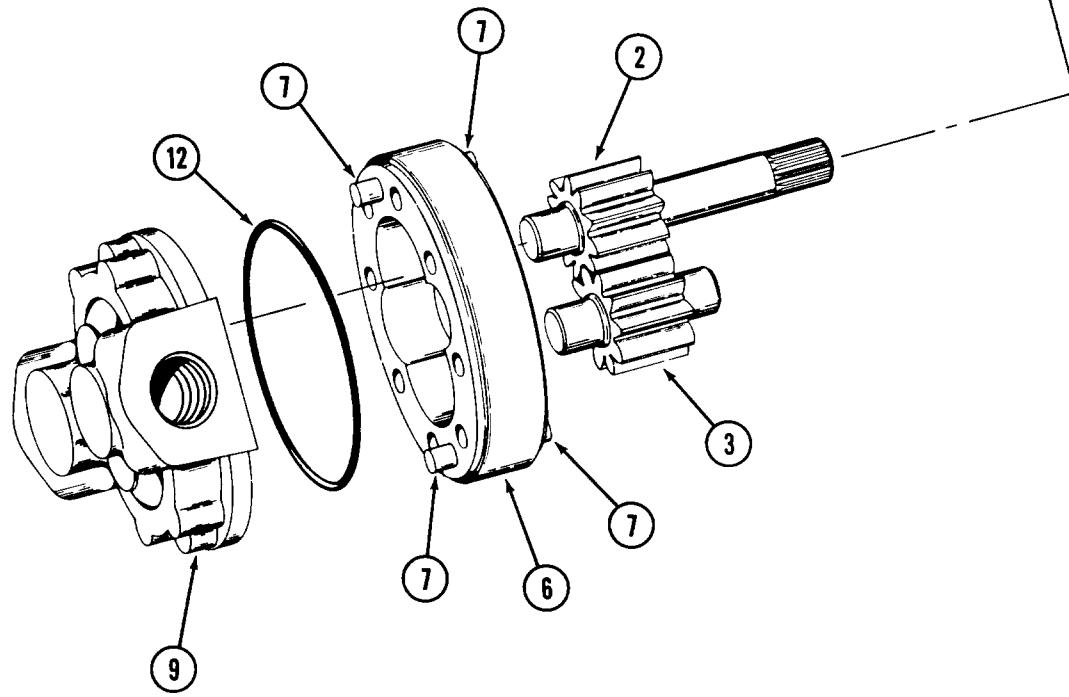
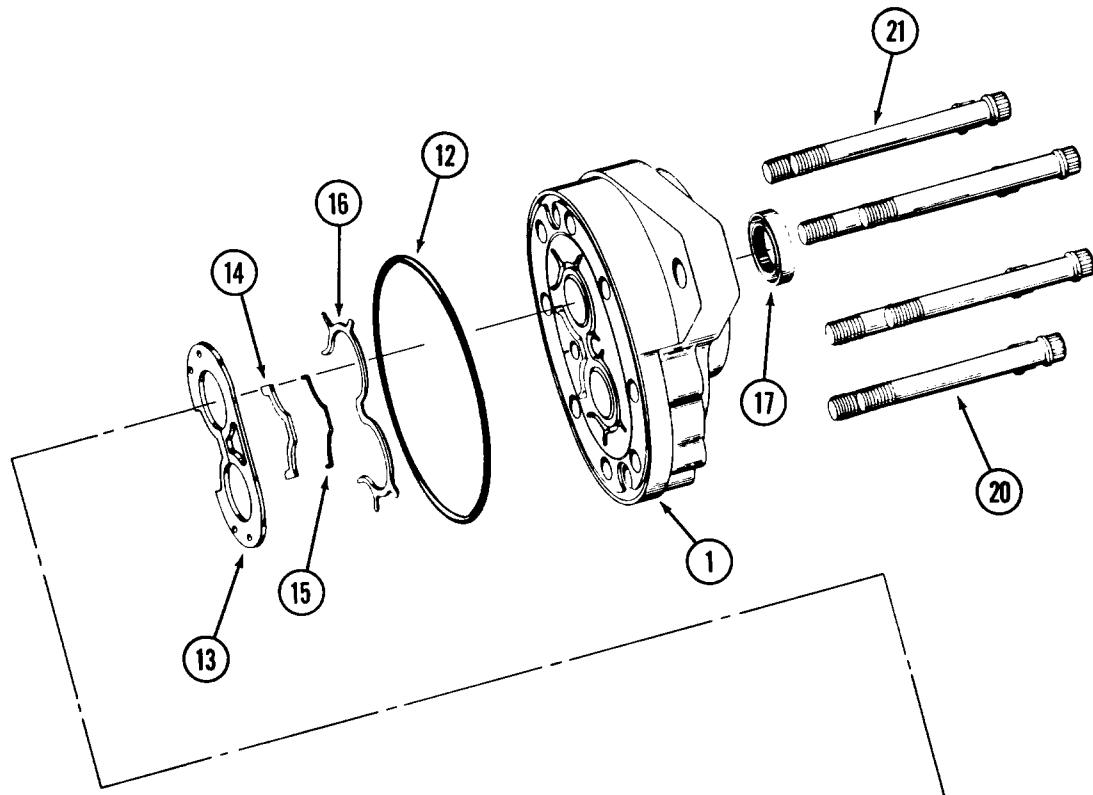
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9370, 9380, and 9390 Tractor
HYDRAULIC PISTON PUMP ASSEMBLY

8-27

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3547T92	PUMP ASSEMBLY - piston, continued	1
47	D66330	WASHER - flat, special, 1-19/32 x 2 x 5/64 inch	1
48	50-2802T1	PISTON - control, cam plate	1
	50-3608T91	COMPENSATOR ASSEMBLY - pump.	1
53	NSS	BODY - compensator	1
54	218-5152	PLUG - hex, 3/8-24 inch O-ring boss, replaces 50-2812T91 plug	2
55	*1971623C1	O-RING - 19/64 ID x 1/16 inch wide	2
56	50-3601T1	COVER - adjusting screw	2
58	NSS	SPOOL - pressure	1
59	50-2814T1	CAP - spring pivot.	1
60	A45144	SPRING - spool	1
61	*238-7113	O-RING - 9/16 ID x 3/32 inch wide	1
62	50-2817T1	FOLLOWER - pressure spring	1
63	238-5118	O-RING - 7/8 ID x 3/32 inch wide	1
64	50-2819T1	CAP - pressure adjuster	1
69	NSS	SPOOL - flow	1
70	50-2820T1	PIVOT - spring	1
71	50-2821T1	SPRING - spool	1
72	*50-2822T1	O-RING - seal	1
73	50-2823T1	FOLLOWER - flow spring	1
74	*237-6006	O-RING - 15/32 ID x 5/64 inch wide	1
75	50-2824T1	CAP - flow adjuster	1
79	61-32520	BOLT - hex socket, 1/4 NC x 1-1/4 inch.	4
80	*103-21200	RING - internal retaining, No. 200	1
81	*D73667	SEAL - shaft, drive	1
82	*103-11112	RING - external retaining, No. 112.	2
83	*238-5127	O-RING - 1-7/16 ID x 3/32 inch wide	2
84	*100-21162	RING - internal retaining, No. 162	2
85	*N7804	GASKET - housing.	1
86	*1266917C1	GASKET - compensator.	1
87	*50-2809T1	O-RING - compensator	1
	* 50-2825T91	KIT - seal, includes items above marked with an asterisk.	1

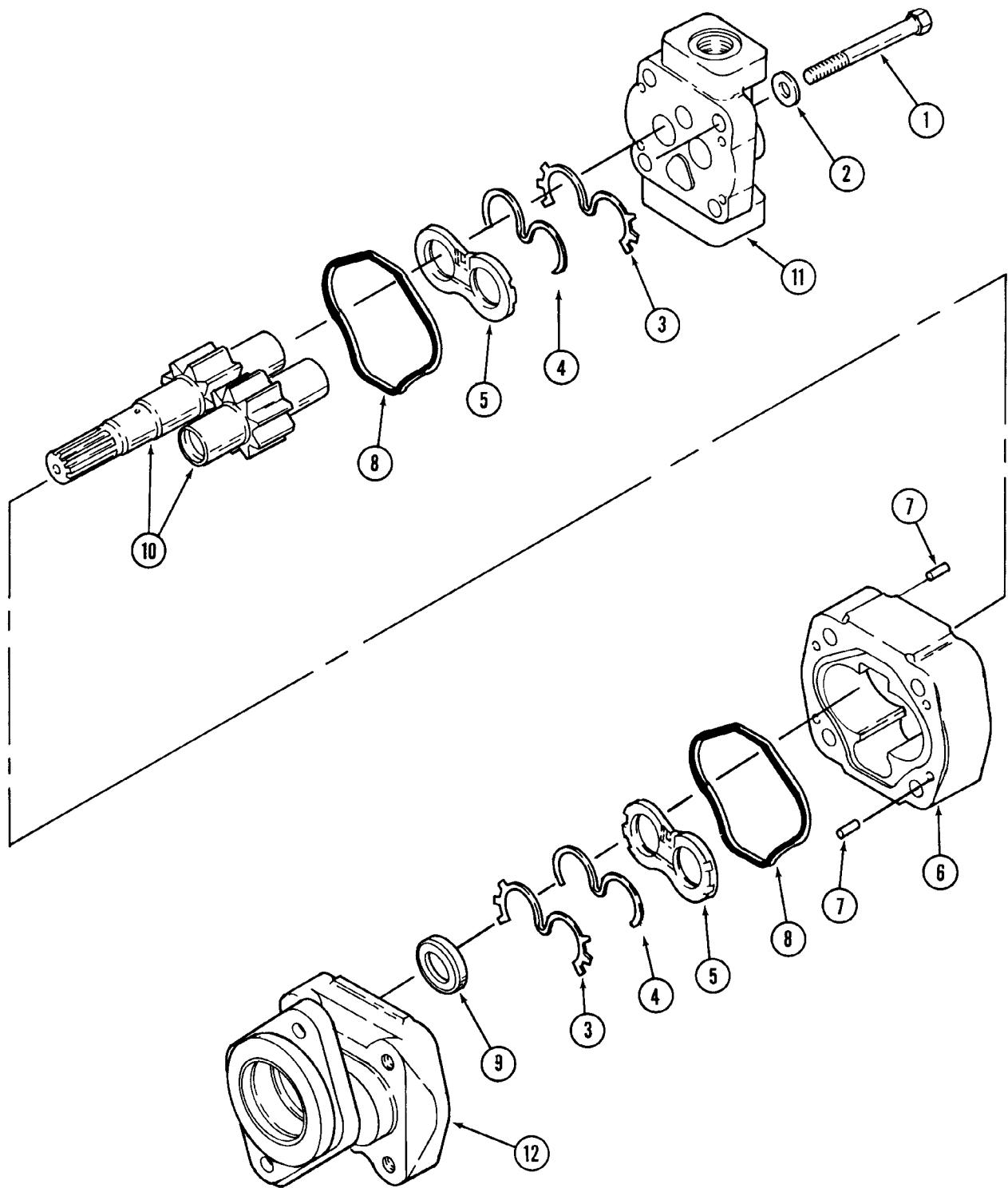


HYDRAULIC GEAR PUMP ASSEMBLY**Prior to P.I.N. JEE0035788****9370 and 9380 Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-2662T91	PUMP ASSEMBLY - gear, hydraulic	1
1	S301060	COVER - shaft end, front	1
2	50-2830T1	GEAR - drive	1
3	50-2829T1	GEAR - idler	1
	50-2827T91	BODY ASSEMBLY - pump	1
6	NSS	BODY - pump	1
7	A17924	PIN - dowel	4
9	50-2826T1	COVER - rear, with bearings	1
	50-2834T1	KIT - seal	1
12	NSS	O-RING - seal, body	2
13	NSS	PLATE - wear	1
14	NSS	SEAL - bearing	1
15	NSS	O-RING - molded	1
16	NSS	GASKET - backup	1
17	A25139	SEAL - input	1
20	166-59	BOLT - 12 point flange, 3/8 NC x 3-3/4 inch, grade 8	4
21	19-1626	BOLT - 12 point flange, 3/8 NC x 4 inch, grade 8	4

P.I.N. JEE0035788 and After

	50-2662T92	PUMP ASSEMBLY - gear, hydraulic	1
1	S301060	COVER - shaft end, front	1
2	NSS	GEAR - drive	1
3	NSS	GEAR - idler	1
	NSS	BODY ASSEMBLY - pump	1
6	NSS	BODY - pump	1
7	NSS	PIN - dowel	4
9	50-2826T1	COVER - rear, with bearings	1
	50-2834T1	KIT - seal	1
12	NSS	O-RING - seal, body	2
13	NSS	PLATE - wear	1
14	NSS	SEAL - bearing	1
15	NSS	O-RING - molded	1
16	NSS	GASKET - backup	1
17	A25139	SEAL - input	1
20	166-59	BOLT - 12 point flange, 3/8 NC x 3-3/4 inch, grade 8	4
21	19-1626	BOLT - 12 point flange, 3/8 NC x 4 inch, grade 8	4

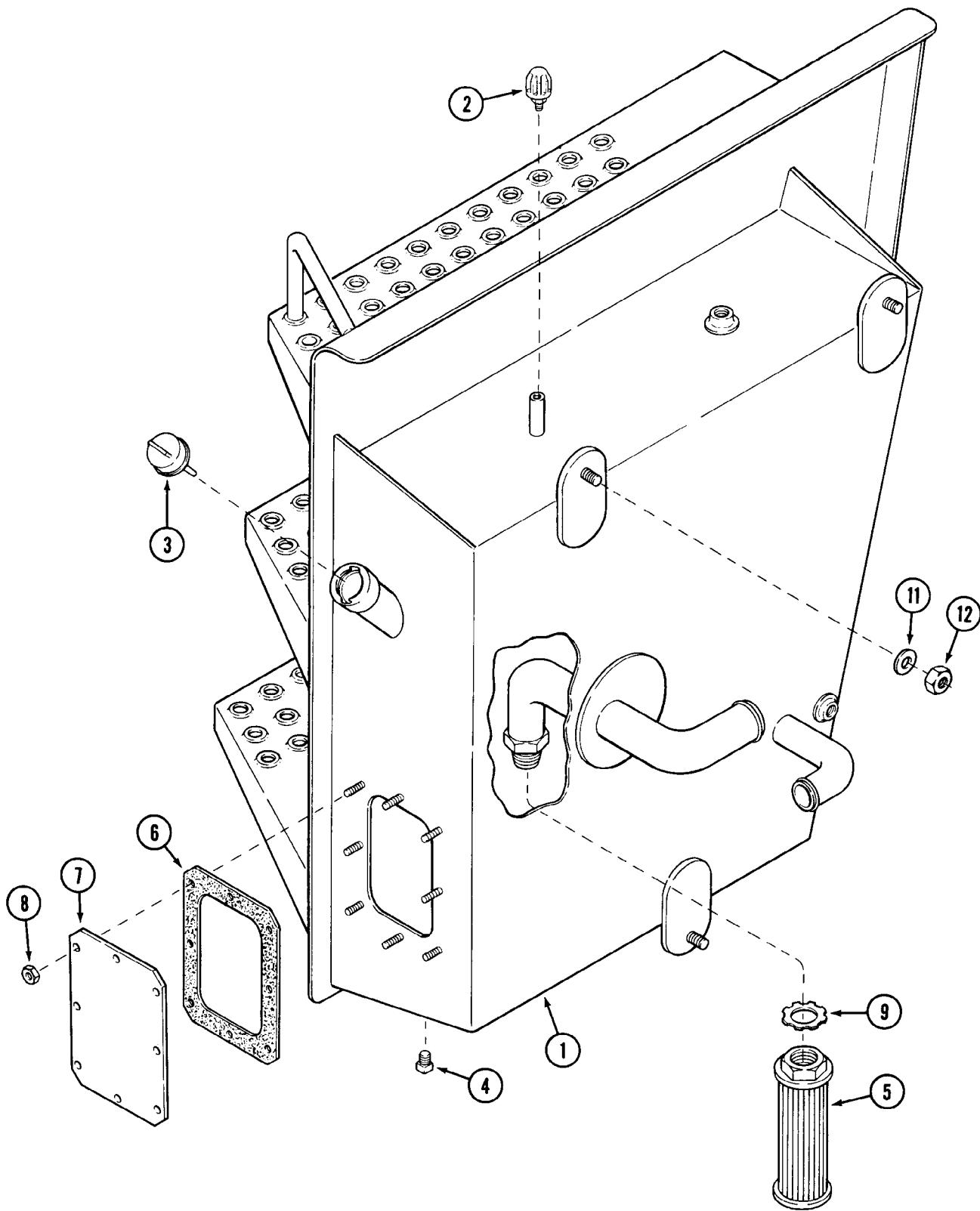


9370, 9380, and 9390 Tractor
HYDRAULIC GEAR PUMP ASSEMBLY

8-31

REF.	PART NO.	DESCRIPTION	REQ'D.
	*50-3589T91	PUMP ASSEMBLY - gear, hydraulic, High Output	1
1	13-1080	BOLT - hex, 5/8 NC x 5 inch	4
2	19-488	WASHER - flat	4
3	144173A1	SEAL - channel	2
4	178051A1	SEAL - backup, channel.....	2
5	N13582	PLATE - thrust	2
6	1340774C1	HOUSING - gear	1
7	W16323	PIN - dowel.....	4
8	L32100	SEAL - gear housing	2
9	L32418	SEAL - shaft	1
10	NSS	SHAFT - gear, set of two	1
11	NSS	HOUSING - rear, port end	1
12	NSS	HOUSING - front, flanged	1

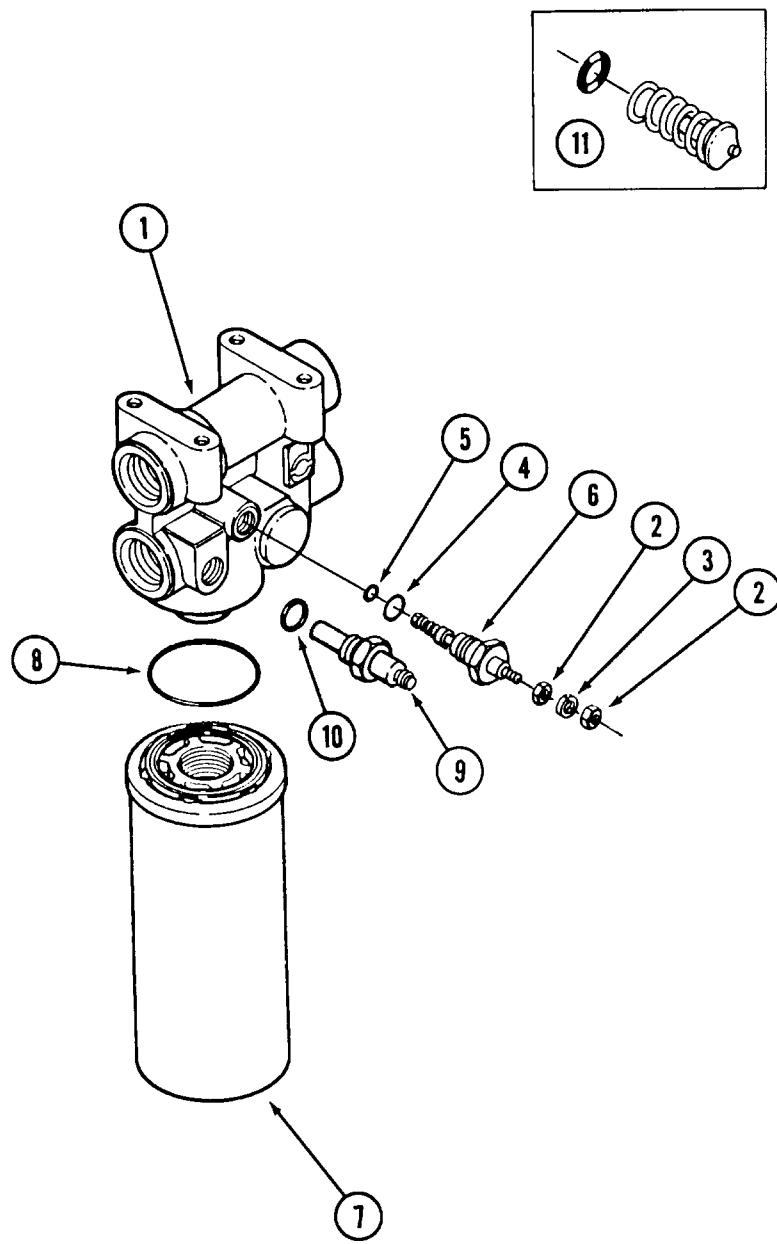
***NOTE:** 50-3598T91 High Output pump assembly is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.



9370, 9380, and 9390 Tractor
HYDRAULIC TANK

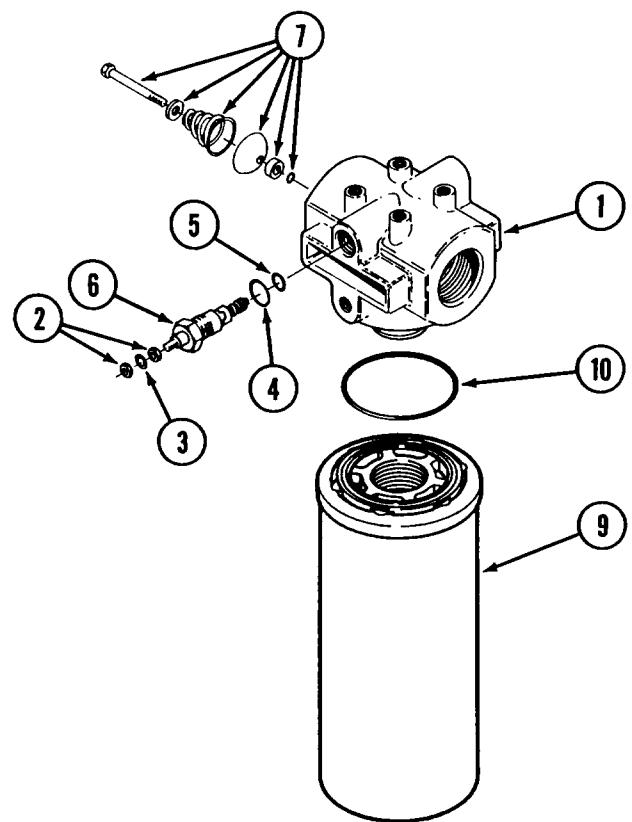
8-33

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3526T2	TANK - hydraulic	1
2	1971726C1	BREATHER - hydraulic tank	1
3	50-3522T1	DIPSTICK - oil fill, check	1
4	217-439	PLUG - hex socket headless, 1/2 inch PT	1
5	196955A1	FILTER - suction, screen, replaces 50-2029T1 filter	1
6	2-1914	GASKET - cover	1
7	1-4058	COVER - plate, hydraulic tank	1
8	231-1446	NUT - hex, self-locking, 3/8 inch NC	8
9	19-953	NUT - slotted lock, 2 inch PT	1
11	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	3
12	425-108	NUT - hex, 1/2 inch NC	3



TRANSMISSION AND HYDRAULIC OIL FILTER ASSEMBLY

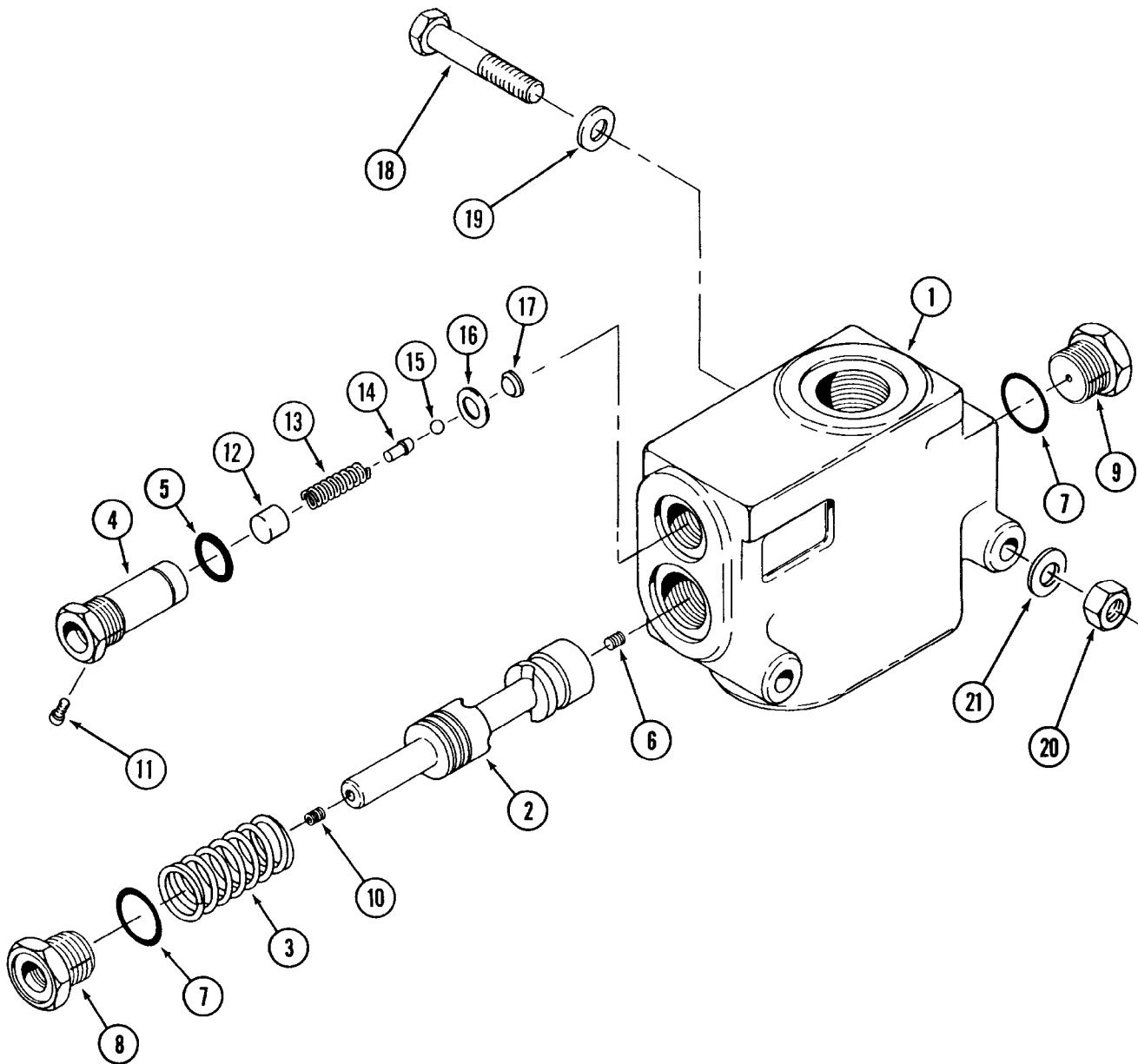
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3632T91	FILTER ASSEMBLY - hydraulic oil, replaces 50-3493T91 filter	1
	50-3494T91	FILTER ASSEMBLY - oil, transmission	1
1	NSS	HEAD - oil filter.	1
	N6755	INDICATOR ASSEMBLY - restriction, electric	1
2	129-667	NUT - hex, left-hand thread, No. 10 NF.	2
3	493-21020	WASHER - internal tooth lock, 3/16 inch.	1
4	237-6006	O-RING - 15/32 ID x 5/64 inch wide	1
5	238-5011	O-RING - 5/16 ID x 1/16 inch wide	1
6	NSS	SWITCH - restriction, electric	1
	254353A1	ELEMENT ASSEMBLY - filter, replaces N9025 element.	1
7	NSS	ELEMENT - filter.	1
8	N9026	O-RING - filter sealing.	1
9	60-6935T1	SWITCH - temperature	1
10	237-6008	O-RING - 41/64 ID x 3/32 inch wide.	1
11	50-3590T91	KIT - check valve, outline.	1



HIGH OUTPUT HYDRAULIC OIL FILTER ASSEMBLY

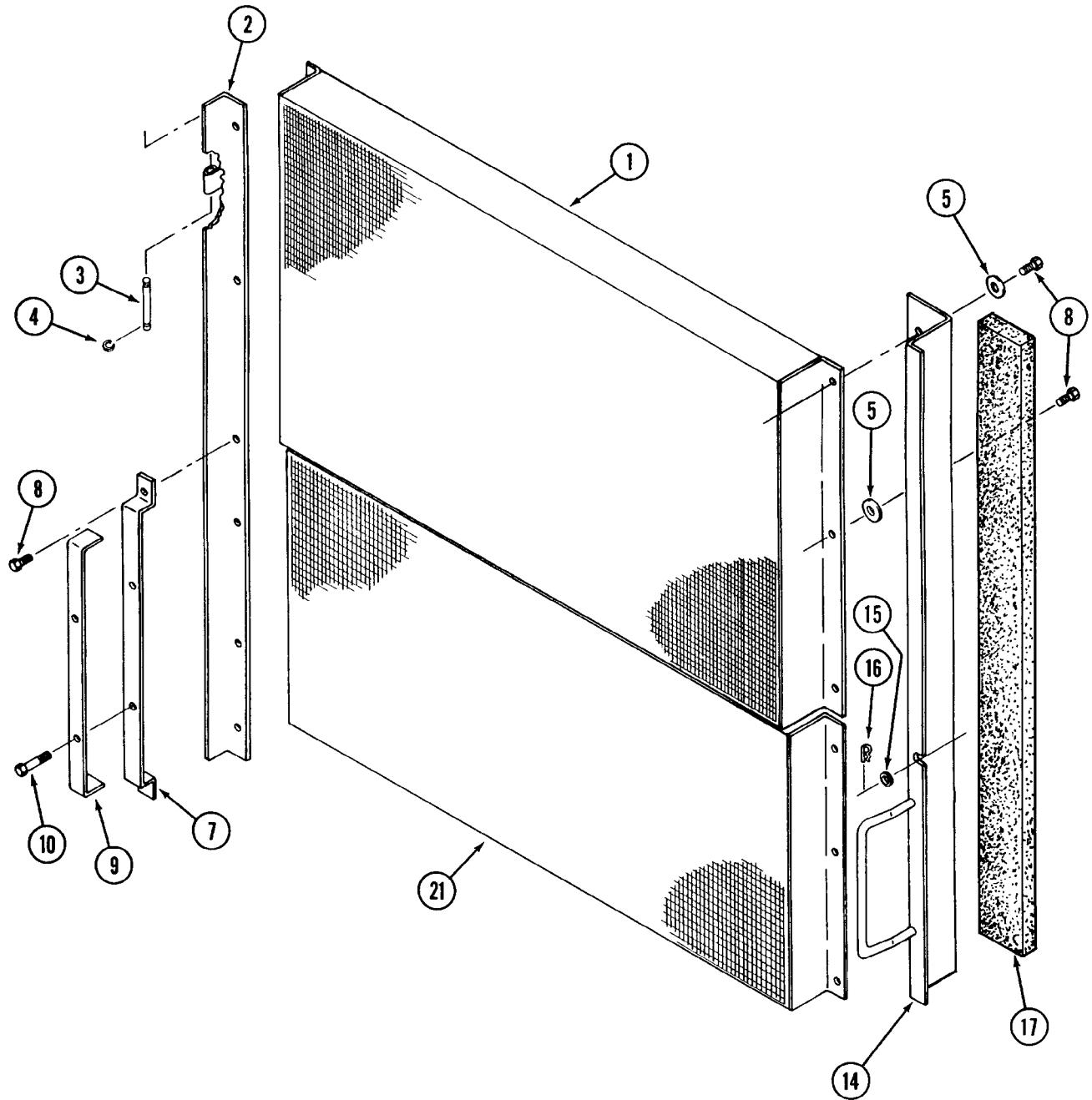
REF.	PART NO.	DESCRIPTION	REQ'D.
1	*D131293	FILTER ASSEMBLY - hydraulic oil	1
1	NSS	HEAD ASSEMBLY - filter	1
	N6755	INDICATOR ASSEMBLY - restriction, electric	1
2	129-667	NUT - hex, left-hand thread, No. 10 NF	2
3	493-21020	WASHER - internal tooth lock, 3/16 inch	1
4	237-6006	O-RING - 15/32 ID x 5/64 inch wide	1
5	238-5011	O-RING - 5/16 ID x 1/16 inch wide	1
6	NSS	INDICATOR - restriction	1
7	NSS	VALVE - bypass	1
	N9025	ELEMENT ASSEMBLY - filter	1
9	NSS	ELEMENT - filter	1
10	238-5230	O-RING - 2-1/2 ID x 1/8 inch wide	1

***NOTE:** D131293 High Output hydraulic filter is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.



PRIORITY VALVE ASSEMBLY

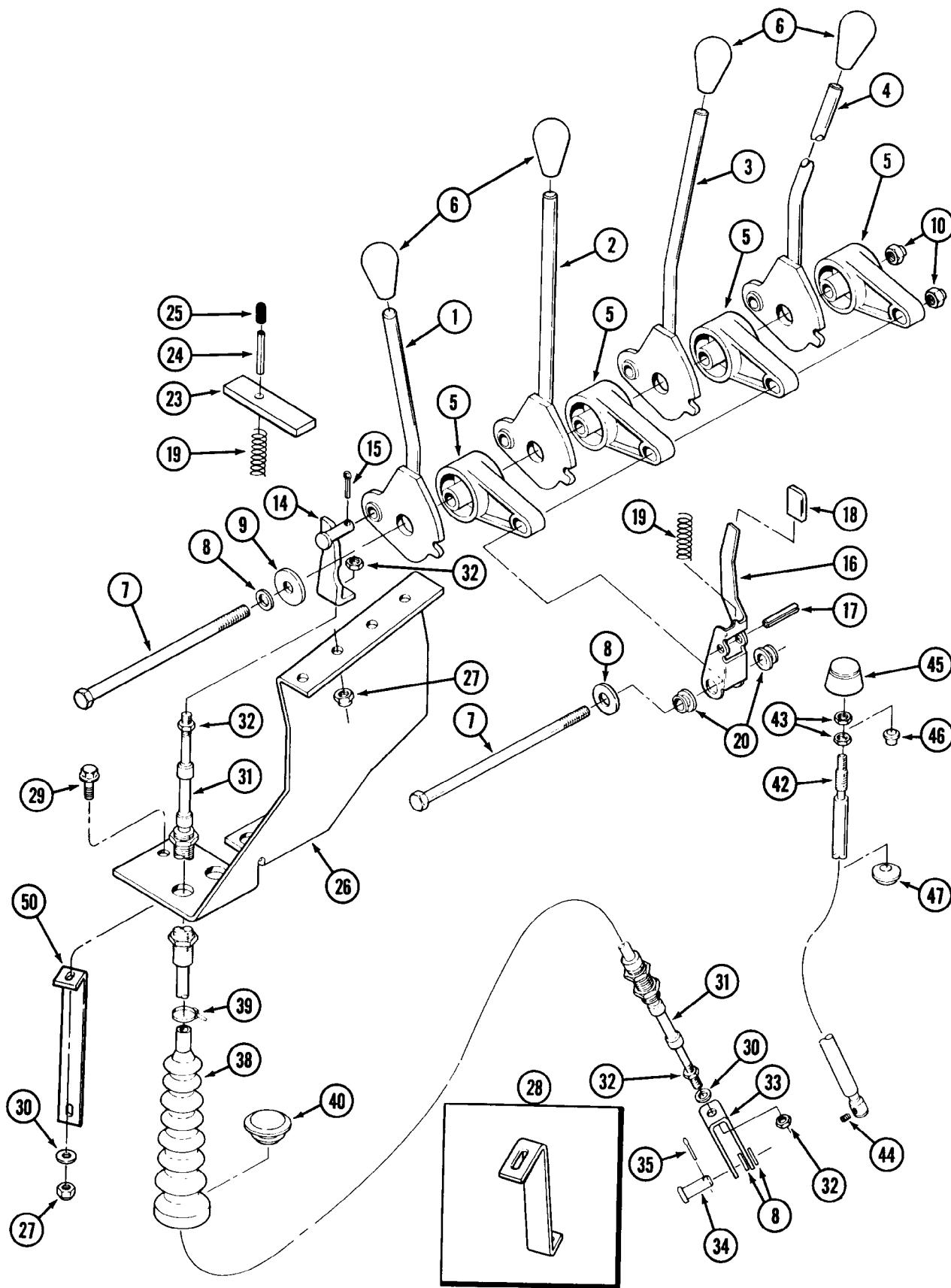
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3155T91	VALVE ASSEMBLY - priority.....	1
1	NSS	HOUSING - priority valve.....	1
2	NSS	SPOOL - priority valve	1
3	D82777	SPRING - centering	1
4	50-3035T91	VALVE ASSEMBLY - relief	1
5	50-1872T1	O-RING - relief cartridge.....	1
6	NSS	PLUG - orifice.....	1
7	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	2
8	NSS	PLUG - end	1
9	NSS	PLUG - orificed.....	1
10	NSS	PLUG - spool	1
11	NSS	SCREEN - adjusting.....	1
12	NSS	GUIDE - spring.....	1
13	NSS	SPRING - tension.....	1
14	NSS	POPPET - ball	1
15	NSS	BALL - valve.....	1
16	NSS	RING - seal.....	1
17	NSS	SCREEN - valve.....	1
18	426-556	BOLT - hex, 5/16 NC x 3-1/2 inch, grade 8	2
19	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	2
20	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
21	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	2



9370, 9380, and 9390 Tractor
HYDRAULIC OIL COOLER MOUNTING

8-41

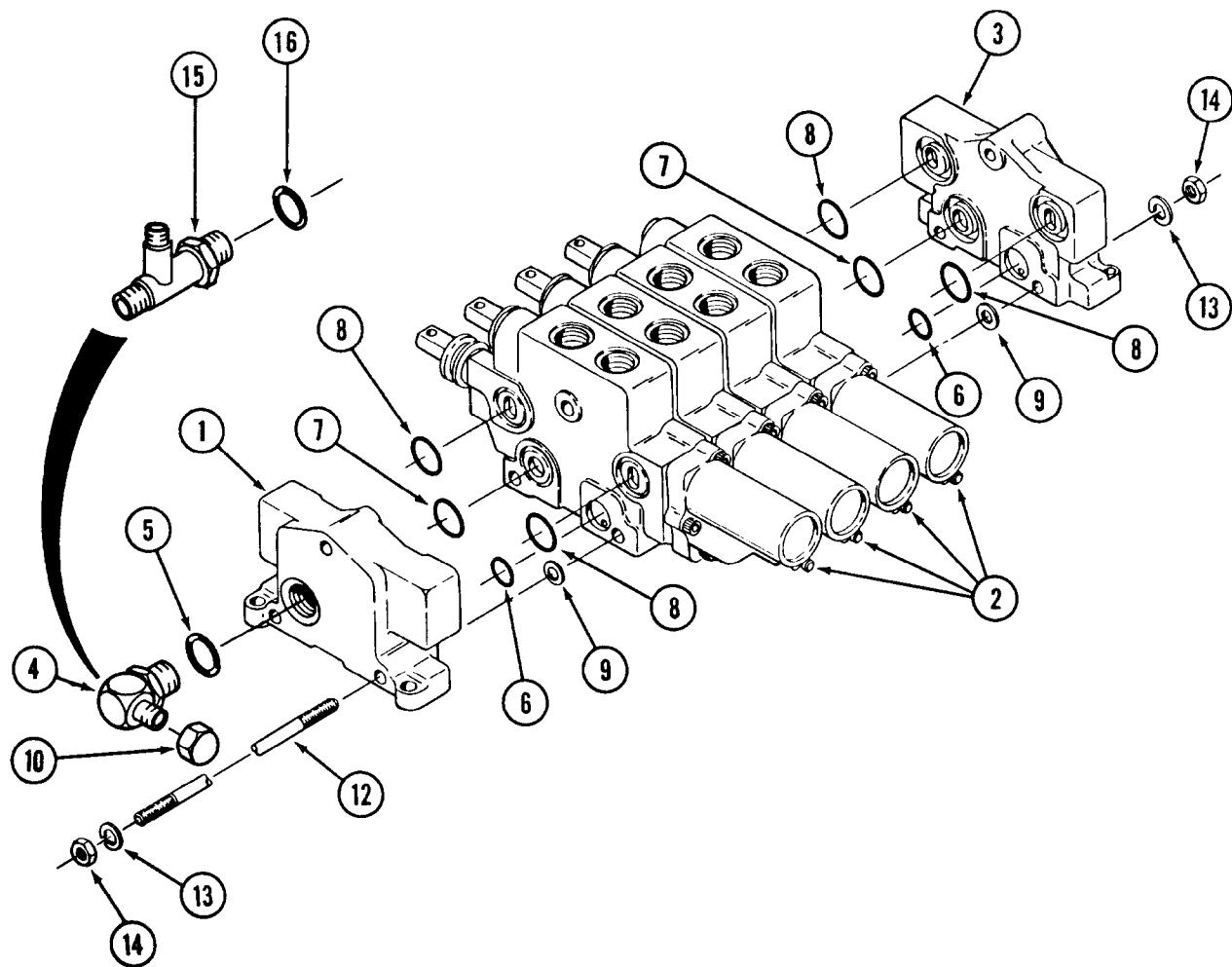
REF.	PART NO.	DESCRIPTION	REQ'D.
1	90-6708T1	COOLER - oil, hydraulic, used on 9370 and 9380.....	1
1	90-8163T1	COOLER - oil, hydraulic, used on 9390.....	1
2	90-6847T1	BRACE - cooler mounting, with hinge, used on the 9370 and 9380	1
2	246513A1	BRACE - cooler mounting, with hinge, used on the 9390	1
3	70-1996T3	PIN - hinge.....	2
4	70-2600T2	RING - retaining.....	4
5	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	2
7	90-6846T1	BRACKET - mounting	1
8	426-58	BOLT - hex, 5/16 NC x 1/2 inch, grade 8.....	12
9	90-6845T1	CLAMP - hose	1
10	426-528	BOLT - hex, 5/16 NC x 1-3/4 inch, grade 8	2
14	90-6965T1	BRACE - cooler mounting, with handle, used on the 9370 and 9380	1
14	246515A1	BRACE - cooler mounting, with handle, used on the 9390	1
15	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	1
16	19-5400	PIN - hair, 1/8 inch.....	1
17	60-6505T1	SEAL - foam, 746 mm (29-3/8 inch) long, cut from 60-4595T1 bulk seal, see below.....	1
21	60-6711T1	CONDENSER - air conditioning	1
	60-4595T1	SEAL - foam, bulk, 2743 mm (108 inch) long	UAR



9370, 9380, and 9390 Tractor
REMOTE HYDRAULIC CONTROL

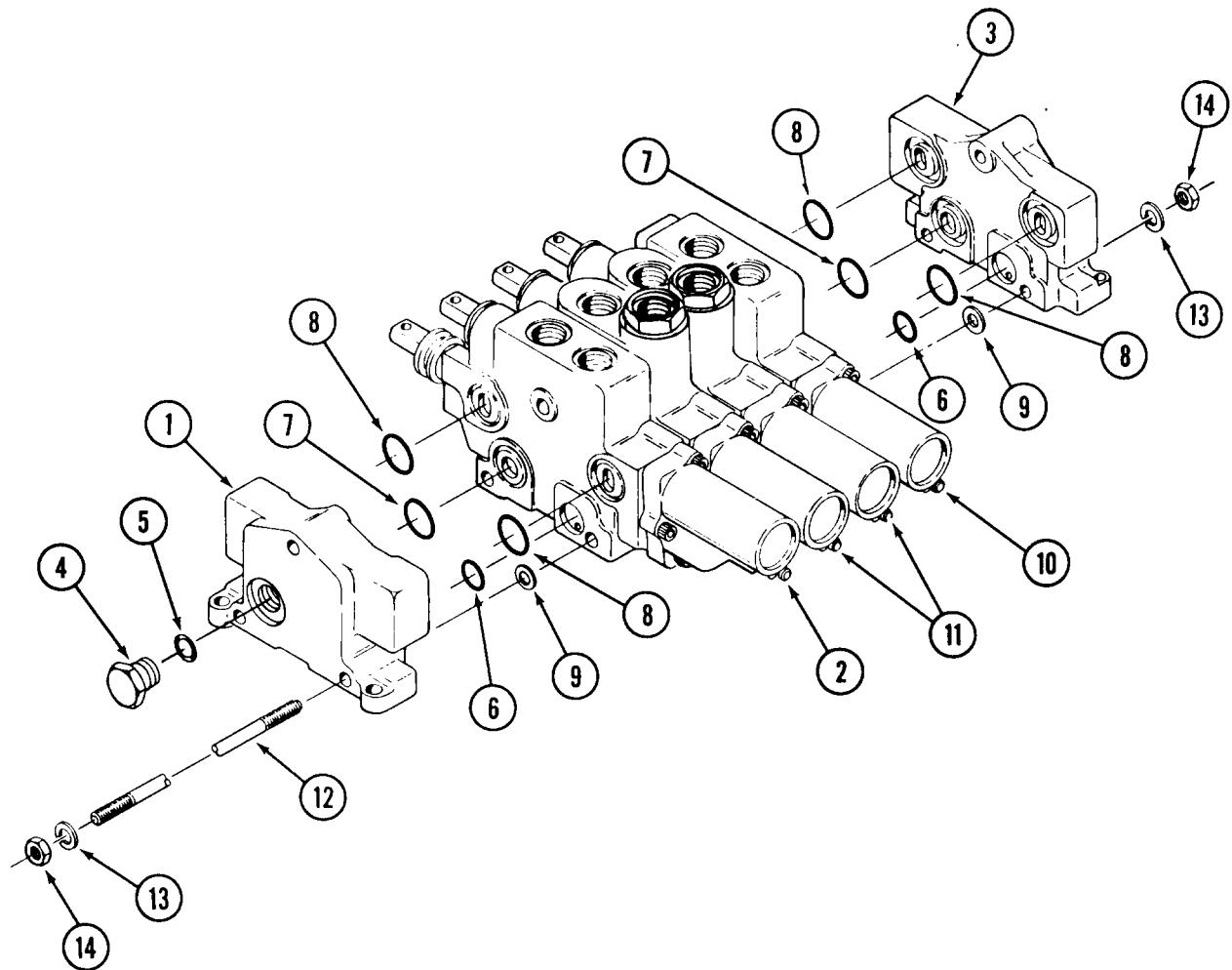
8-43

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6073T1	LEVER - control, first remote.....	1
2	60-6074T1	LEVER - control, second remote.....	1
3	60-6075T1	LEVER - control, third remote	1
4	60-6076T1	LEVER - control, fourth remote	1
5	60-6067T1	BUSHING - lever pivot.....	4
6	60-4346T1	KNOB - lever, control.....	4
7	426-696	BOLT - hex, 3/8 NC x 6 inch, grade 8.....	2
8	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	10
9	19-6154	WASHER - flat, nylon, 3/8 x 1-1/4 x 1/16 inch.....	1
10	231-1446	NUT - hex, self-locking, 3/8 inch NC	2
14	60-5875T1	LINK - cable actuating	4
15	432-816	PIN - cotter, 1/8 x 1 inch	4
16	60-6081T1	LOCKOUT - lever	4
17	38-11618	PIN - roll, 1/4 x 1-1/8 inch	4
18	60-6068T1	CAP - lockout lever, control.....	4
19	K14651	SPRING - lockout, lever.....	8
20	19-6113	BUSHING - nylon, split, flanged	8
23	60-3933T1	BRACKET - lockout, lever	4
24	20092R1	PIN - roll, 3/16 x 1-5/16 inch	4
25	60-3937T1	CAP - lockout, lever.....	4
26	60-5871T1	PLATE - mounting, cable.....	1
27	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	6
28	60-5872T1	SUPPORT - mounting plate.....	1
29	19-5852	BOLT - hex flange, 1/4 NC x 3/4 inch	1
30	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	6
31	60-5870T1	CABLE - valve actuating	4
32	425-114	NUT - hex, 1/4 inch NF	16
33	60-4384T1	CLEVIS - yoke	4
34	427-6106	PIN - clevis, 3/8 x 1-1/16 inch, hardened.....	4
35	432-612	PIN - cotter, 3/32 x 3/4 inch.....	4
38	60-4279T2	BOOT - rubber.....	4
39	22-824	STRAP - tie, 7 inch	4
40	22-619	GROMMET - closure	1
42	60-5820T1	SHAFT ASSEMBLY - flex, flow control	1
43	125-11006	NUT - hex, 3/8-32 inch, grade 2	2
44	483-1084	SCREW - set, hex socket headless, No. 8 NC x 1/4 inch, cup point	1
45	60-4339T1	KNOB - flow control	1
46	60-4258T1	PLUG - hole, flow control access.....	3
47	64-146	PLUG - hole, access, flow control	3
50	60-6669T1	STRAP - support, mounting plate	1



HYDRAULIC REMOTE VALVE ASSEMBLY**Without Load Locks****9370 and 9380 Only**

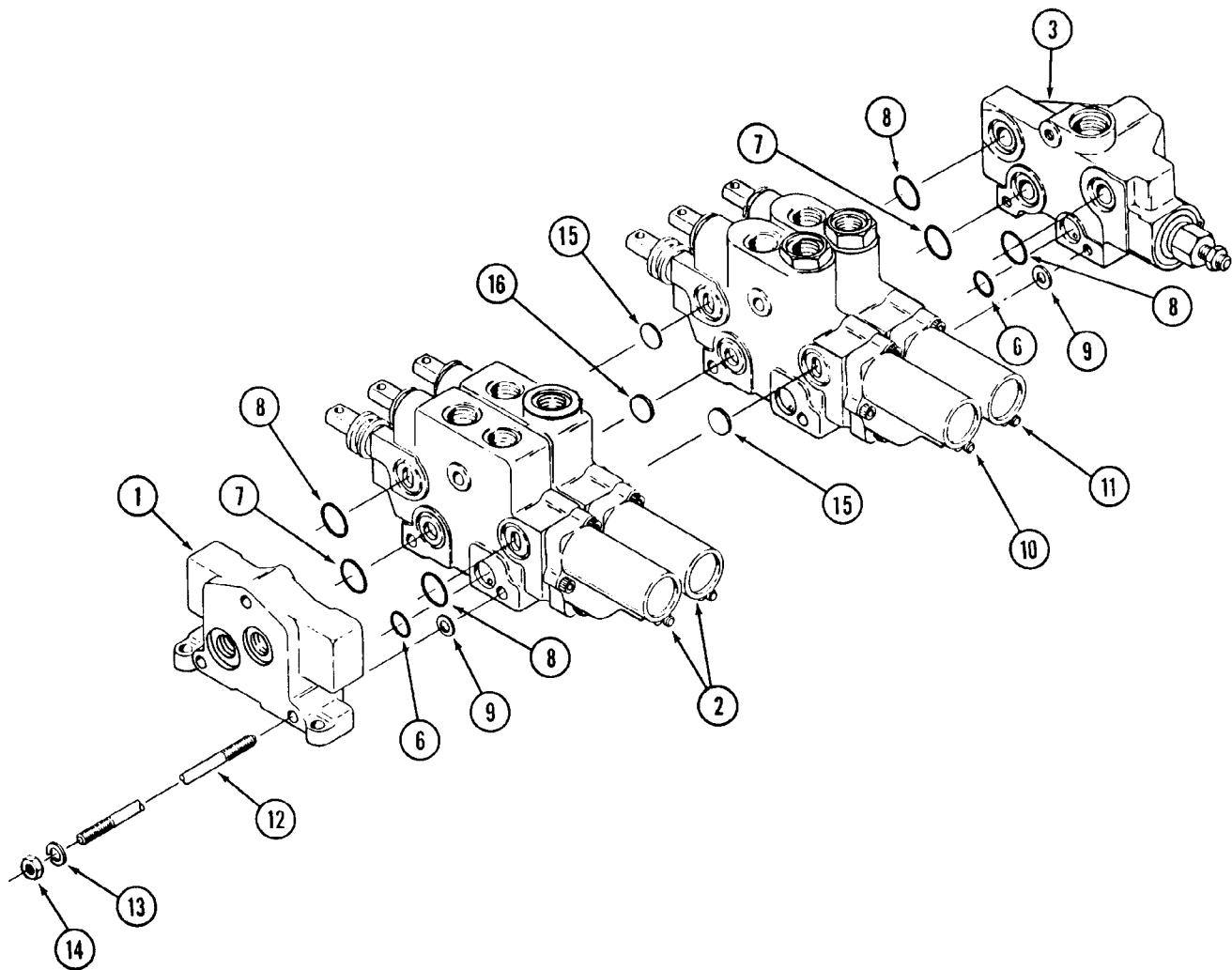
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3550T91	VALVE ASSEMBLY - remote, three spool.....	1
	50-3552T91	VALVE ASSEMBLY - remote, four spool.....	1
1	A52403	COVER - end	1
2	50-2302T91	SECTION ASSEMBLY - valve, float, parts list page 8-51 and 8-53.....UAR	
3	50-3603T1	COVER - inlet, replaces A47169 cover	1
4	218-5124	ELBOW - 90 degree, 1-5/16-12 flare x 1-1/16-12 inch adj O-ring boss, used without three point hitch, replaces 218-5158 plug	1
5	237-6020	O-RING - 1-15/32 ID x 1/8 inch wide	1
	2-3792T1	KIT - seal, valve section.....	UAR
6	238-6211	O-RING - 13/16 ID x 1/8 inch wide	1
7	238-5119	O-RING - 15/16 ID x 3/32 inch wide	1
8	238-6214	O-RING - 1 ID x 1/8 inch wide	2
9	D77566	SHIM - sections.....	3
10	218-758	CAP - hex, 1-5/16-12 inch, used without High Output hydraulic option	1
12	A147507	STUD - 3/8 NC x 9-7/8 inch, three spool remote	3
12	A147508	STUD - 3/8 NC x 11-3/4 inch, four spool remote	3
13	492-11038	WASHER - lock, 3/8 inch	6
14	425-106	NUT - hex, 3/8 inch NC	6
15	218-5247	TEE - 1-5/16-12 fl branch x 7/8-14 fl x 1-1/16-12 adj O-ring, used with three point hitch	1
16	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1



HYDRAULIC REMOTE VALVE ASSEMBLY**With Load Locks
9370 and 9380 Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
	*50-3572T91	VALVE ASSEMBLY - remote, four spool.....	1
1	A52403	COVER - end	1
2	50-2302T91	SECTION ASSEMBLY - valve, float, parts list pages 8-51 and 8-53.....	2
3	50-3603T1	COVER - inlet, replaces A47169 cover	1
4	218-5158	PLUG - hex, 1-1/16-12 inch O-ring boss, used without three point hitch.....	1
5	237-6012	O-RING - 59/64 ID x 7/64 inch wide	1
	2-3792T1	KIT - seal, valve section.....	UAR
6	238-6211	O-RING - 13/16 ID x 1/8 inch wide	1
7	238-5119	O-RING - 15/16 ID x 3/32 inch wide	1
8	238-6214	O-RING - 1 ID x 1/8 inch wide	2
9	D77566	SHIM - sections.....	3
10	50-3562T91	SECTION ASSEMBLY - priority, parts list pages 8-55 and 8-57.....	1
11	50-3563T91	SECTION ASSEMBLY - "B" port load lock and float, parts list pages 8-59 and 8-61	2
12	A147508	STUD - 3/8 NC x 11-3/4 inch, four spool remote	3
13	492-11038	WASHER - lock, 3/8 inch	6
14	425-106	NUT - hex, 3/8 inch NC	6

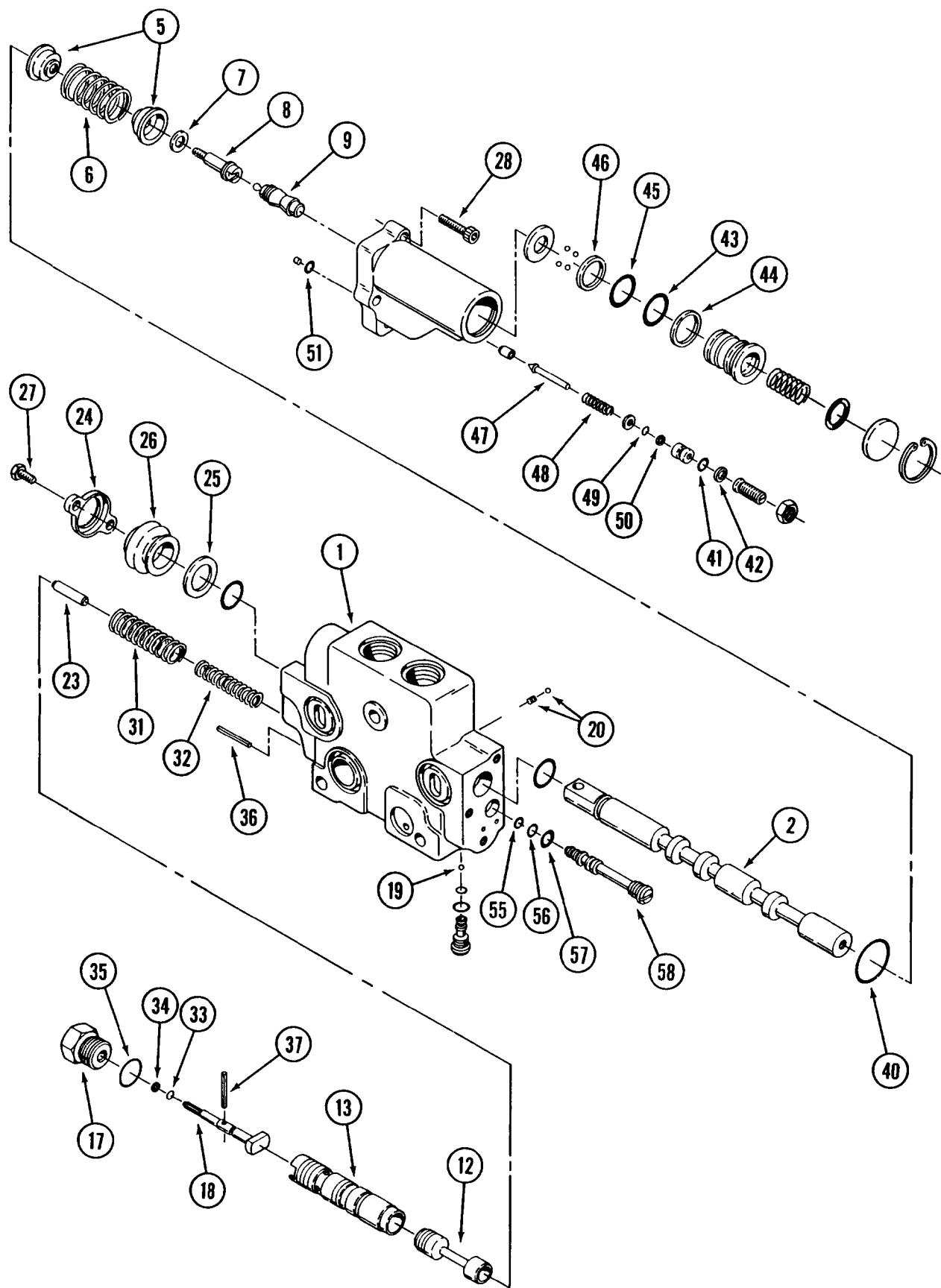
***NOTE:** Production equipped on some Australian models only, no longer available, order component parts separately.



HYDRAULIC REMOTE VALVE ASSEMBLY With Load Locks

REF.	PART NO.	DESCRIPTION	REQ'D.
1	*50-3609T91	VALVE ASSEMBLY - remote, four spool, High Output	1
2	50-3624T1	COVER - end	1
3	50-2302T91	SECTION ASSEMBLY - valve, float, parts list pages 8-51 and 8-53	2
4	50-3623T91	COVER ASSEMBLY - inlet, parts list page 8-69	1
5	2-3792T1	KIT - seal, valve section	UAR
6	238-6211	O-RING - 13/16 ID x 1/8 inch wide	1
7	238-5119	O-RING - 15/16 ID x 3/32 inch wide	1
8	238-6214	O-RING - 1 ID x 1/8 inch wide	2
9	D77566	SHIM - sections	3
10	50-3625T91	SECTION ASSEMBLY - "B" port, load locks and float, parts list pages 8-63 and 8-65	1
11	50-3563T91	SECTION ASSEMBLY - "B" port load locks and float, parts list pages 8-59 and 8-61	2
12	50-3630T1	STUD - 3/8 NC x 11-3/4 inch, four spool remote	3
13	492-11038	WASHER - lock, 3/8 inch	3
14	425-106	NUT - hex, 3/8 inch NC	3
15	*50-3626T1	SPACER - plug	2
16	*50-3627T1	SPACER - plug	1

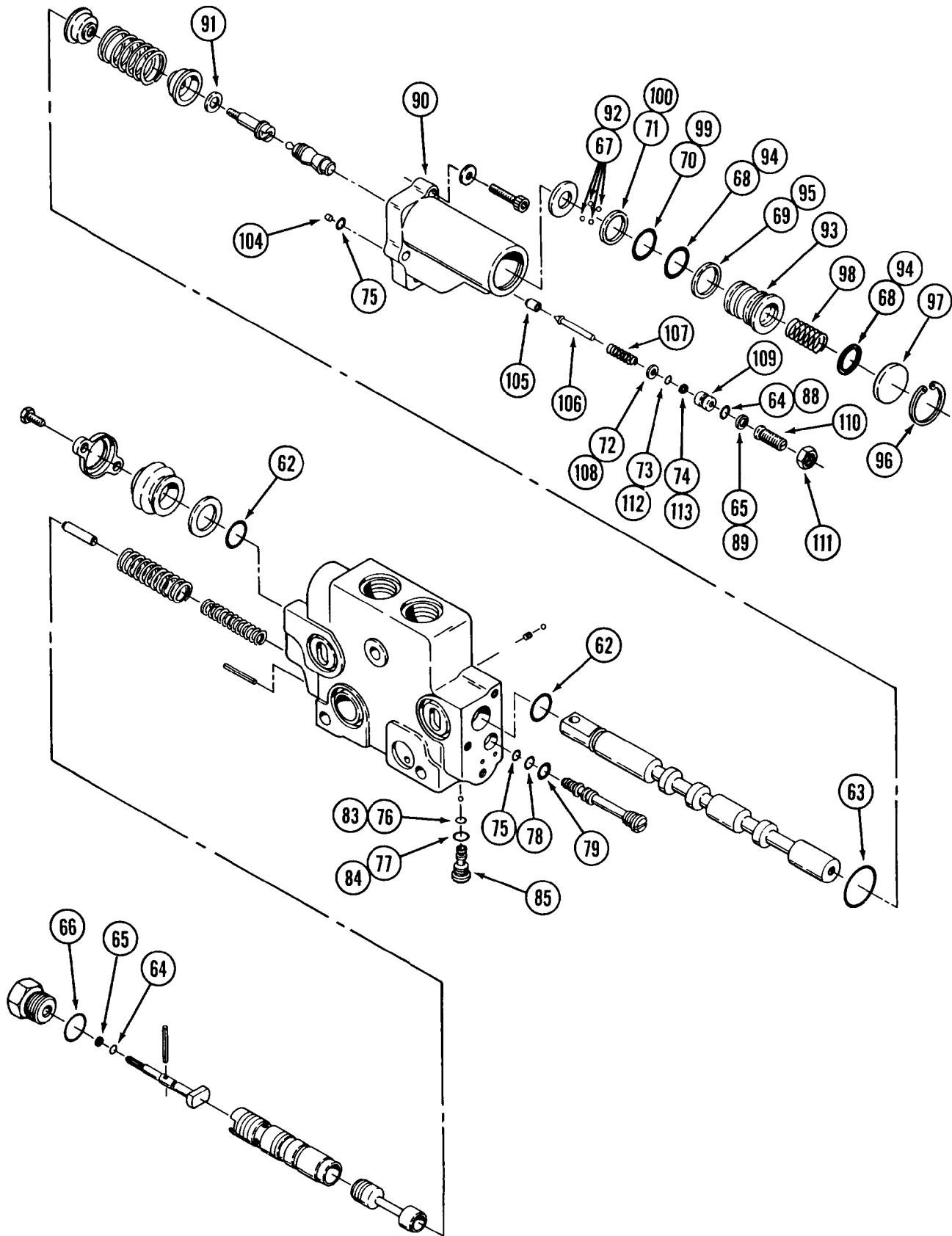
***NOTE:** The above parts marked with an asterisk are part of the High Output hydraulic system which is standard on 9390 models and optional on 9370 and 9380 models with P.I.N. JEE0071001 and after.



HYDRAULIC REMOTE VALVE SECTION**First, Second, Third or Fourth Sections with Float Only**

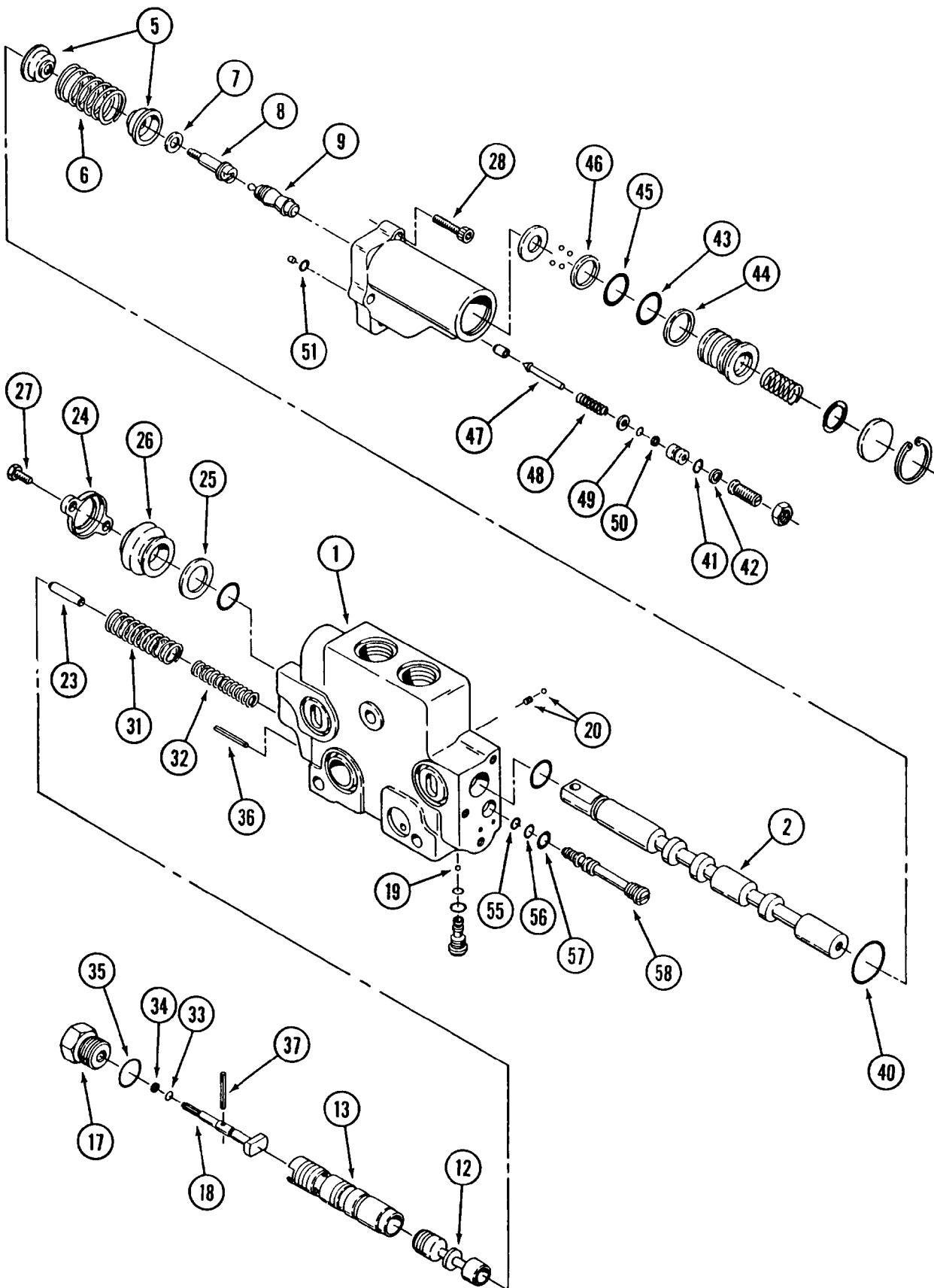
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-2302T91	SECTION ASSEMBLY - valve, float	1
1	NSS	BODY - valve	1
2	NSS	SPOOL - valve	1
5	A47197	RETAINER - spring	2
6	A47177	SPRING - centering, spool	1
7	A47199	SPACER - detent	1
8	A47193	COUPLER - detent pivot	1
9	A52409	SHAFT - detent	1
12	A48957	SPOOL - flow control	1
13	A48956	TUBE - flow control	1
17	A48925	PLUG - flow control	1
18	A48929	SHAFT - adjusting	1
19	211-1006	BALL - chrome alloy steel, 3/16 inch, grade 24	1
20	A47105	PLUG - expansion	1
23	A48937	PIN - guide, spring	1
24	A47196	RETAINER - dust guard	1
25	A47205	FILTER - spool	1
26	A47188	COVER - dust	1
27	413-410	BOLT - hex, 1/4 NC x 5/8 inch	2
28	61-32516	BOLT - hex socket, 1/4 NC x 1 inch	3
	50-2386T1	KIT - seal, flow control, no longer available, order component parts separately	1
31	A48959	SPRING - outer, flow control	1
32	A48960	SPRING - inner, flow control	1
33	238-5008	O-RING - 3/16 ID x 1/16 inch wide, shaft	1
34	D71056	RING - backup	1
35	237-6010	O-RING - 3/4 ID x 3/32 inch wide, plug	1
36	138-1816	PIN - roll, 1/8 x 1 inch, control stop	1
37	19711R1	PIN - roll, 1/8 x 1-1/4 inch, control stop	1
	A48942	KIT - seal, detent	1
40	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide, detent housing	1
41	238-5008	O-RING - 3/16 ID x 1/16 inch wide, relief	1
42	D71056	RING - backup	1
43	238-5022	O-RING - 1 ID x 1/16 inch wide, kickout piston	1
44	A52208	RING - backup	1
45	238-5021	O-RING - 15/16 ID x 1/16 inch wide, kickout piston	1
46	L35295	RING - backup	1
47	A48958	POPPET - detent	1
48	A48961	SPRING - valve, poppet	1
49	238-5006	O-RING - 1/8 ID x 1/16 inch wide, seal, poppet	1
50	A52378	RING - backup	1
51	238-6010	O-RING - 1/4 ID x 1/16 inch wide, housing	2
	A47209	SHUTTLE ASSEMBLY - primary	1
	50-1655T1	KIT - seal, primary shuttle, no longer available, order component parts separately	1
55	238-6009	O-RING - 7/32 ID x 1/16 inch wide	1
56	238-6010	O-RING - 1/4 ID x 1/16 inch wide	1
57	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
58	A47209	SHUTTLE ASSEMBLY - primary, replaces A47776 shuttle	1

Continued on next page



HYDRAULIC REMOTE VALVE SECTION**First, Second, Third or Fourth Sections with Float Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-2302T91	SECTION ASSEMBLY - valve, float, continued	1
	50-2388T1	KIT - seal, detent, primary and secondary	1
62	238-5116	O-RING - 3/4 ID x 3/32 inch wide, spool.....	2
63	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide, detent housing.....	1
64	238-5008	O-RING - 3/16 ID x 1/16 inch wide	2
65	D71056	RING - backup	2
66	237-6010	O-RING - 3/4 ID x 3/32 inch wide, plug.....	1
67	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24	8
68	238-5022	O-RING - 1 ID x 1/16 inch wide, kickout piston.....	1
69	A52208	RING - backup	1
70	238-5021	O-RING - 15/16 ID x 1/16 inch wide, kickout piston	1
71	L35295	RING - backup	1
72	A48935	WASHER - poppet valve, spring.....	1
73	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
74	A52378	RING - backup	1
75	238-6009	O-RING - 7/32 ID x 1/16 inch wide	3
76	238-6008	O-RING - 3/16 ID x 1/16 inch wide, shuttle, secondary	1
77	237-6003	O-RING - 5/16 ID x 1/16 inch wide, shuttle, secondary	1
78	238-6010	O-RING - 1/4 ID x 1/16 inch wide, shuttle, primary.....	1
79	237-6004	O-RING - 23/64 ID x 5/64 inch wide, shuttle, primary.....	1
	A47210	SHUTTLE ASSEMBLY - secondary, no longer available, order component parts separately.....	1
	R30185	KIT - seal.....	1
83	238-6008	O-RING - 3/16 ID x 1/16 inch wide, shuttle, secondary.....	1
84	237-6003	O-RING - 5/16 ID x 1/16 inch wide, shuttle, secondary.....	1
85	A47204	BODY - shuttle, secondary	1
	338703A1	KIT - housing, detent, replaces A48940 kit	1
88	238-5008	O-RING - 3/16 ID x 1/16 inch wide, poppet	1
89	D71056	RING - backup	1
90	NSS	HOUSING - detent	1
91	A48931	WASHER - guide	1
92	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24	8
93	A48932	PISTON - kickout	1
94	238-5022	O-RING - 1 ID x 1/16 inch wide, piston.....	2
95	A52208	RING - backup	1
96	100-21118	RING - internal retaining, No. 118.....	1
97	NSS	RETAINER - piston.....	1
98	A48934	SPRING - detent.....	1
99	238-5021	O-RING - 15/16 ID x 1/16 inch wide, piston	1
100	L35295	RING - backup	1
104	NSS	PLUG - orifice	1
105	NSS	SEAT - pilot float.....	1
106	NSS	POPPET - relief	1
107	NSS	SPRING - valve poppet.....	1
108	A48935	WASHER - poppet valve, spring.....	1
109	A48936	PISTON - regulator	1
110	A52437	SCREW - adjusting	1
111	425-156	NUT - hex, jam, 3/8 inch NF	1
112	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
113	A52378	RING - backup	1

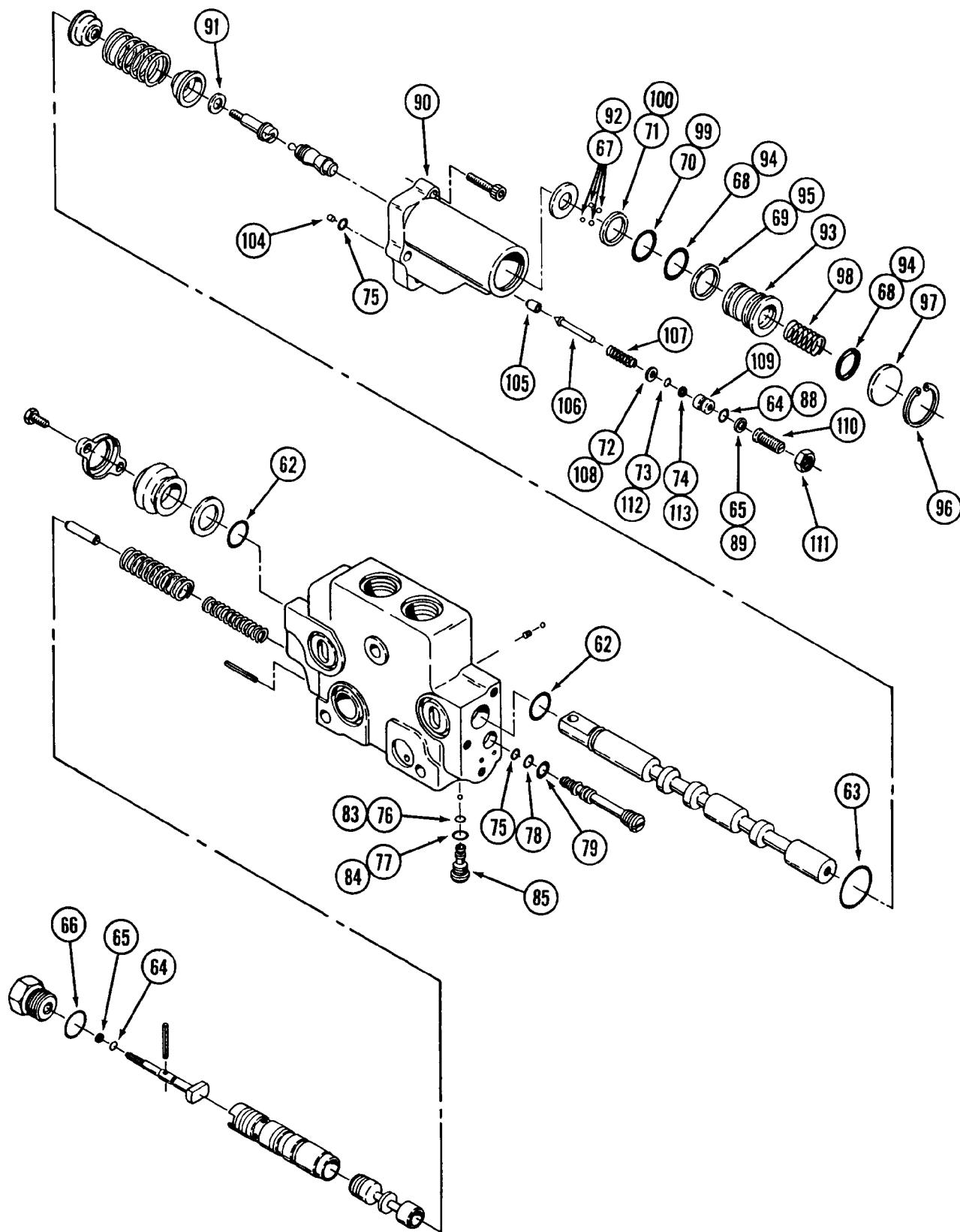


HYDRAULIC REMOTE VALVE SECTION

First Section with Priority and Float

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3562T91	SECTION ASSEMBLY - valve, priority and float.....	1
1	NSS	BODY - valve	1
2	NSS	SPOOL - valve	1
5	A47197	RETAINER - spring	2
6	A47177	SPRING - centering, spool.....	1
7	A47199	SPACER - detent	1
8	A47193	COUPLER - detent pivot	1
9	A52409	SHAFT - detent	1
12	A52411	SPOOL - flow control	1
13	A52412	TUBE - flow control	1
17	A48925	PLUG - flow control	1
18	A48929	SHAFT - adjusting	1
19	211-1006	BALL - chrome alloy steel, 3/16 inch, grade 24	1
20	A47105	PLUG - expansion	1
23	A52410	PIN - spring guide.....	1
24	A47196	RETAINER - dust guard.....	1
25	A47205	FILTER - spool	1
26	A47188	COVER - dust.....	1
27	A47098	SCREW - retainer.....	2
28	61-32516	BOLT - hex socket, 1/4 NC x 1 inch.....	3
	50-2386T1	KIT - seal, flow control, no longer available, order component parts separately	1
31	A48959	SPRING - outer, flow control.	1
32	A48960	SPRING - inner, flow control.	1
33	238-5008	O-RING - 3/16 ID x 1/16 inch wide, shaft	1
34	D71056	RING - backup	1
35	237-6010	O-RING - 3/4 ID x 3/32 inch wide, plug.....	1
36	138-1816	PIN - roll, 1/8 x 1 inch, control stop.....	1
37	19711R1	PIN - roll, 1/8 x 1-1/4 inch, control stop.....	1
	A48942	KIT - seal, detent	1
40	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide, detent housing.....	1
41	238-5008	O-RING - 3/16 ID x 1/16 inch wide, relief	1
42	D71056	RING - backup	1
43	238-5022	O-RING - 1 ID x 1/16 inch wide, kickout piston.	1
44	A52208	RING - backup	1
45	238-5021	O-RING - 15/16 ID x 1/16 inch wide, kickout piston	1
46	L35295	RING - backup	1
47	A48958	POPPET - relief	1
48	A48961	SPRING - valve, poppet	1
49	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
50	A52378	RING - backup	1
51	238-6010	O-RING - 1/4 ID x 1/16 inch wide, housing.....	2
	A47209	SHUTTLE ASSEMBLY - primary	1
	50-1655T1	KIT - seal, primary shuttle	1
55	238-6009	O-RING - 7/32 ID x 1/16 inch wide.....	1
56	238-6010	O-RING - 1/4 ID x 1/16 inch wide.....	1
57	237-6004	O-RING - 23/64 ID x 5/64 inch wide.....	1
58	A47209	SHUTTLE ASSEMBLY - primary, replaces A47776 shuttle	1

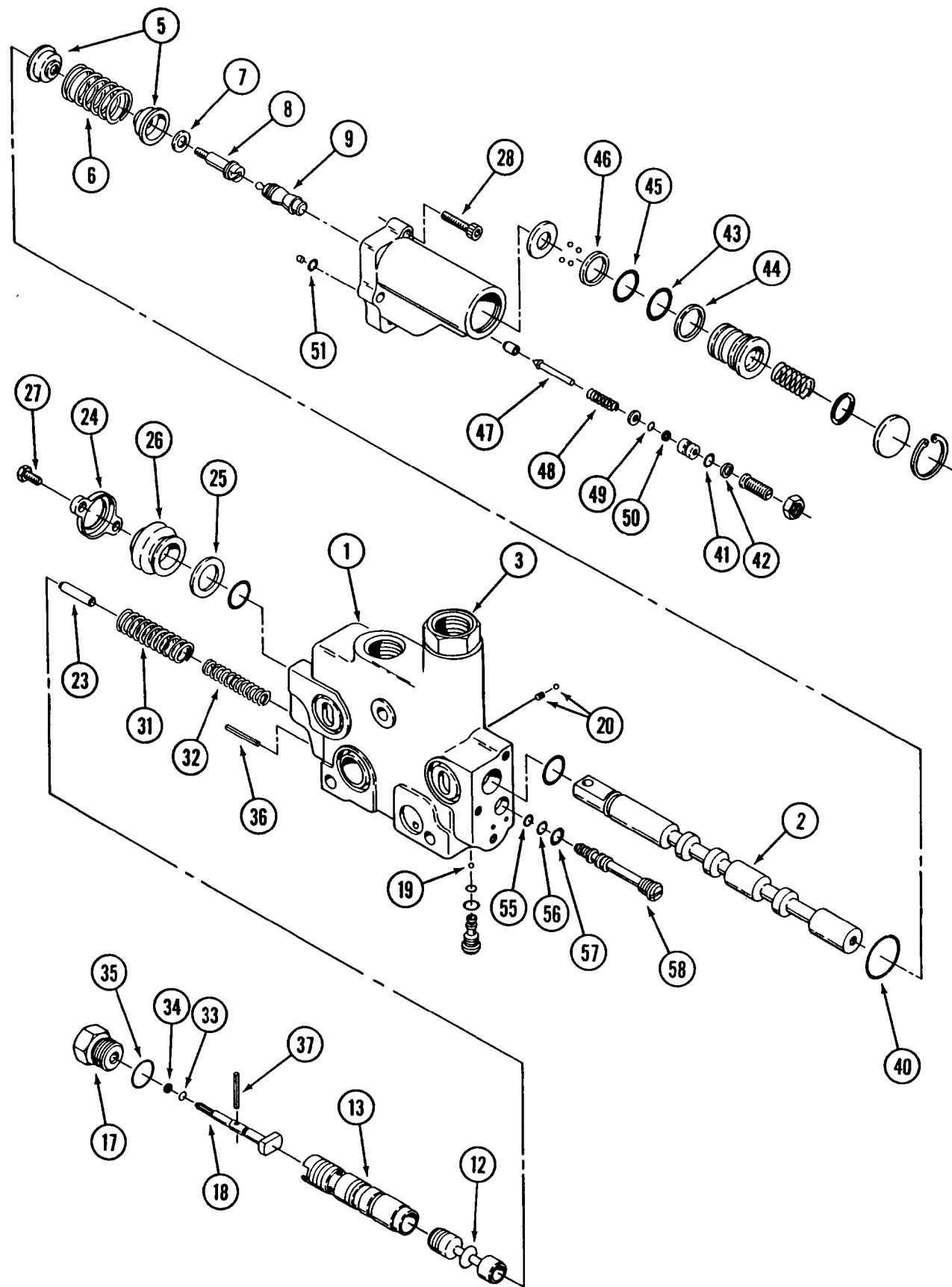
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HYDRAULIC REMOTE VALVE SECTION

First Section with Priority and Float

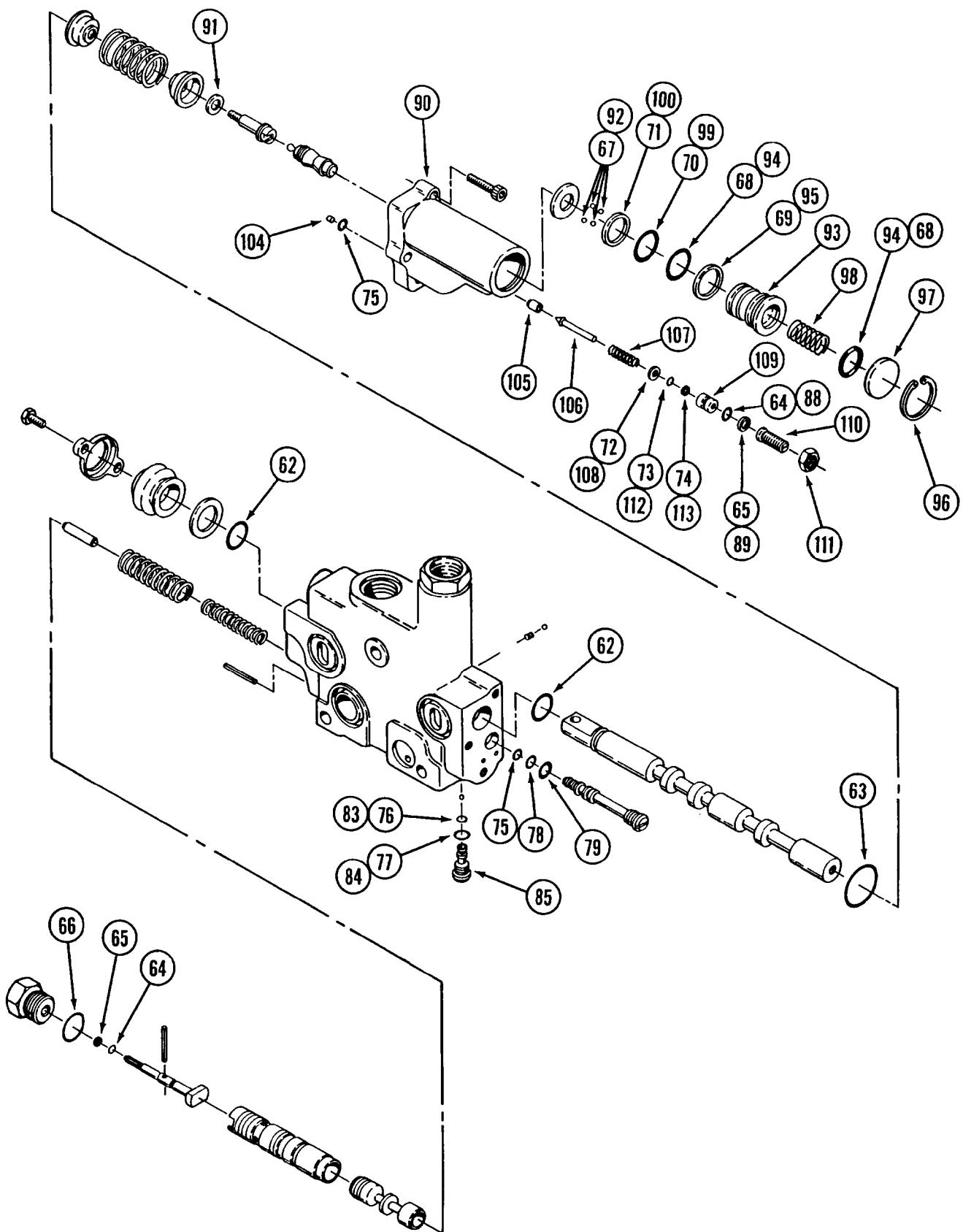
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3562T91	SECTION ASSEMBLY - valve, priority and float, continued	1
	50-2388T1	KIT - seal, detent, primary and secondary	1
62	238-5116	O-RING - 3/4 ID x 3/32 inch wide, spool	2
63	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide, detent housing	1
64	238-5008	O-RING - 3/16 ID x 1/16 inch wide	2
65	D71056	RING - backup	2
66	237-6010	O-RING - 3/4 ID x 3/32 inch wide, plug	1
67	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24	8
68	238-5022	O-RING - 1 ID x 1/16 inch wide, kickout piston	1
69	A52208	RING - backup	1
70	238-5021	O-RING - 15/16 ID x 1/16 inch wide, kickout piston	1
71	L35295	RING - backup	1
72	A48935	WASHER - poppet valve, spring	1
73	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
74	A52378	RING - backup	1
75	238-6009	O-RING - 7/32 ID x 1/16 inch wide	3
76	238-6008	O-RING - 3/16 ID x 1/16 inch wide, shuttle, secondary	1
77	237-6003	O-RING - 5/16 ID x 1/16 inch wide, shuttle, secondary	1
78	238-6010	O-RING - 1/4 ID x 1/16 inch wide, shuttle, primary	1
79	237-6004	O-RING - 23/64 ID x 5/64 inch wide, shuttle, primary	1
	A47210	SHUTTLE ASSEMBLY - secondary, no longer available, order component parts separately	1
	R30185	KIT - seal	1
83	238-6008	O-RING - 3/16 ID x 1/16 inch wide, shuttle, secondary	1
84	237-6003	O-RING - 5/16 ID x 1/16 inch wide, shuttle, secondary	1
85	A47204	BODY - shuttle, secondary	1
	338703A1	KIT - housing, detent, replaces A48940 kit	1
88	238-5008	O-RING - 3/16 ID x 1/16 inch wide, poppet	1
89	D71056	RING - backup	1
90	NSS	HOUSING - detent	1
91	A48931	WASHER - guide	1
92	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24	8
93	A48932	PISTON - kickout	1
94	238-5022	O-RING - 1 ID x 1/16 inch wide, piston	2
95	L35295	RING - backup	1
96	100-21118	RING - internal retaining, No. 118	1
97	NSS	RETAINER - piston	1
98	A48934	SPRING - detent	1
99	238-5021	O-RING - 15/16 ID x 1/16 inch wide, piston	1
100	L35295	RING - backup	1
104	NSS	PLUG - orifice	1
105	NSS	SEAT - pilot float	1
106	NSS	POPPET - relief	1
107	NSS	SPRING - valve poppet	1
108	A48935	WASHER - poppet valve, spring	1
109	A48936	PISTON - regulator	1
110	A52437	SCREW - adjusting	1
111	425-156	NUT - hex, jam, 3/8 inch NF	1
112	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
113	A52378	RING - backup	1



HYDRAULIC REMOTE VALVE SECTION**Second and Third Sections with "B" Port Load Lock and Float**

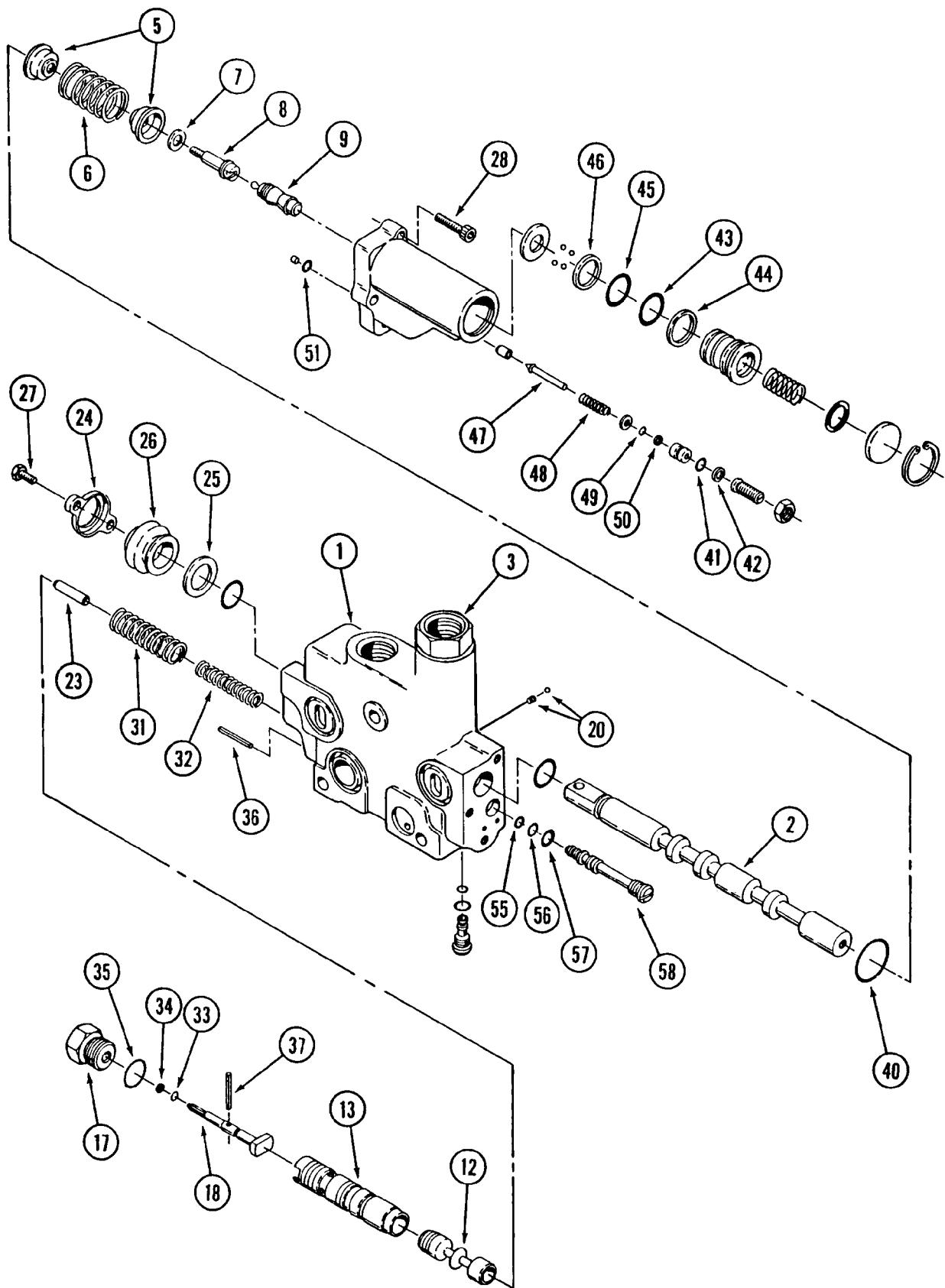
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3563T91	SECTION ASSEMBLY - valve, "B" port load lock and float.	1
1	NSS	BODY - valve	1
2	NSS	SPOOL - valve	1
3	50-3564T1	POPPET - lockout	1
4	238-6124	O-RING - 1-1/4 ID x 3/32 inch wide, not shown	1
5	A47197	RETAINER - spring	2
6	A47177	SPRING - centering, spool	1
7	A47199	SPACER - detent	1
8	A47193	COUPLER - detent pivot	1
9	A52409	SHAFT - detent	1
12	A52411	SPOOL - flow control	1
13	A52412	TUBE - flow control	1
17	A48925	PLUG - flow control	1
18	A48929	SHAFT - adjusting	1
19	211-1006	BALL - chrome alloy steel, 3/16 inch, grade 24	1
20	A47105	PLUG - expansion	1
23	A52410	PIN - spring guide	1
24	A47196	RETAINER - dust guard	1
25	A47205	FILTER - spool	1
26	A47188	COVER - dust	1
27	A47098	SCREW - retainer	2
28	61-32516	BOLT - hex socket, 1/4 NC x 1 inch	3
	50-2386T1	KIT-seal,flowcontrol,nolongeravailable,ordercomponentpartsseparately	1
31	A48959	SPRING - outer, flow control	1
32	A48960	SPRING - inner, flow control	1
33	238-5008	O-RING - 3/16 ID x 1/16 inch wide, shaft	1
34	D71056	RING - backup	1
35	237-6010	O-RING - 3/4 ID x 3/32 inch wide, plug	1
36	138-1816	PIN - roll, 1/8 x 1 inch, control stop	1
37	19711R1	PIN - roll, 1/8 x 1-1/4 inch, control stop	1
	A48942	KIT - seal, detent	1
40	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide, detent housing	1
41	238-5008	O-RING - 3/16 ID x 1/16 inch wide, relief	1
42	D71056	RING - backup	1
43	238-5022	O-RING - 1 ID x 1/16 inch wide, kickout piston	1
44	A52208	RING - backup	1
45	238-5021	O-RING - 15/16 ID x 1/16 inch wide, kickout piston	1
46	L35295	RING - backup	1
47	NSS	POPPET - relief	1
48	NSS	SPRING - valve poppet	1
49	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
50	A52378	RING - backup	1
51	238-6010	O-RING - 1/4 ID x 1/16 inch wide, housing	2
	A47209	SHUTTLE ASSEMBLY - primary	1
	50-1655T1	KIT - seal, primary shuttle, no longer available, order component parts separately	1
55	238-6009	O-RING - 7/32 ID x 1/16 inch wide	1
56	238-6010	O-RING - 1/4 ID x 1/16 inch wide	1
57	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
58	NSS	SHUTTLE - primary, order A47209 shuttle	1

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HYDRAULIC REMOTE VALVE SECTION**Second and Third Sections with "B" Port Load Lock and Float**

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3563T91	SECTION ASSEMBLY - "B" port load lock and float, continued	1
	50-2388T1	KIT - seal, detent, primary and secondary	1
62	238-5116	O-RING - 3/4 ID x 3/32 inch wide, spool	2
63	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide, detent housing	1
64	238-5008	O-RING - 3/16 ID x 1/16 inch wide	2
65	D71056	RING - backup	2
66	237-6010	O-RING - 3/4 ID x 3/32 inch wide, plug	1
67	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24	8
68	238-5022	O-RING - 1 ID x 1/16 inch wide, kickout piston	1
69	A52208	RING - backup	1
70	238-5021	O-RING - 15/16 ID x 1/16 inch wide, kickout piston	1
71	L35295	RING - backup	1
72	A48935	WASHER - poppet valve, spring	1
73	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
74	A52378	RING - backup	1
75	238-6009	O-RING - 7/32 ID x 1/16 inch wide	3
76	238-6008	O-RING - 3/16 ID x 1/16 inch wide, shuttle, secondary	1
77	237-6003	O-RING - 5/16 ID x 1/16 inch wide, shuttle, secondary	1
78	238-6010	O-RING - 1/4 ID x 1/16 inch wide, shuttle, primary	1
79	237-6004	O-RING - 23/64 ID x 5/64 inch wide, shuttle, primary	1
	A47210	SHUTTLE ASSEMBLY - secondary, no longer available, order component parts separately	1
	R30185	KIT - seal	1
83	238-6008	O-RING - 3/16 ID x 1/16 inch wide, shuttle, secondary	1
84	237-6003	O-RING - 5/16 ID x 1/16 inch wide, shuttle, secondary	1
85	A47204	BODY - shuttle, secondary	1
	338703A1	KIT - housing, detent, replaces A48940 kit	1
88	238-5008	O-RING - 3/16 ID x 1/16 inch wide, poppet	1
89	D71056	RING - backup	1
90	NSS	HOUSING - detent, order A52435 housing	1
91	A48931	WASHER - guide	1
92	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24	8
93	A48932	PISTON - kickout	1
94	238-5022	O-RING - 1 ID x 1/16 inch wide, piston	2
95	A52208	RING - backup	1
96	100-21118	RING - internal retaining, No. 118, replaces A30975 ring	1
97	NSS	RETAINER - piston	1
98	A48934	SPRING - detent	1
99	238-5021	O-RING - 15/16 ID x 1/16 inch wide, piston	1
100	L35295	RING - backup	1
104	NSS	PLUG - orifice	1
105	NSS	SEAT - pilot float	1
106	NSS	POPPET - relief	1
107	NSS	SPRING - valve poppet	1
108	A48935	WASHER - poppet valve, spring	1
109	A48936	PISTON - regulator	1
110	A52437	SCREW - adjusting	1
111	425-156	NUT - hex, jam, 3/8 inch NF	1
112	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
113	A52378	RING - backup	1

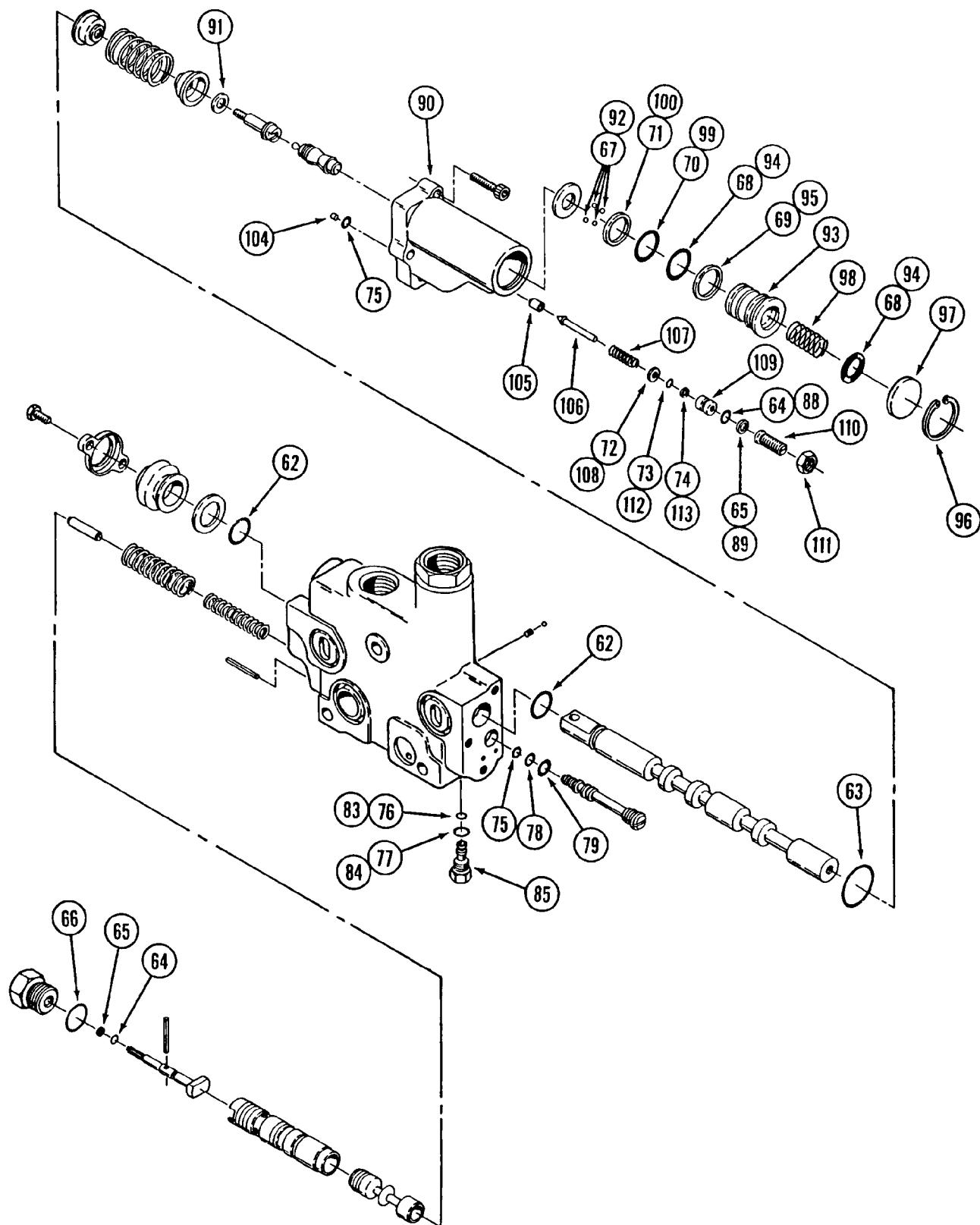


HYDRAULIC REMOTE VALVE SECTION

Second Section with "B" Port Load Lock Float

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3625T91	SECTION ASSEMBLY - "B" port, load locks and float, High Output.....	1
1	NSS	BODY - valve	1
2	NSS	SPOOL - valve	1
3	50-3564T1	POPPET - lockout	1
	238-6124	O-RING - 1-1/4 ID x 3/32 inch wide	1
5	A47197	RETAINER - spring	2
6	A47177	SPRING - centering, spool	1
7	A47199	SPACER - detent	1
8	A47193	COUPLER - detent pivot	1
9	A52409	SHAFT - detent	1
12	A52411	SPOOL - flow control	1
13	A52412	TUBE - flow control	1
17	A48925	PLUG - flow control	1
18	A48929	SHAFT - adjusting	1
20	A47105	PLUG - expansion	1
23	A52410	PIN - spring guide	1
24	A47196	RETAINER - dust guard	1
25	A47205	FILTER - spool	1
26	A47188	COVER - dust	1
27	A47098	SCREW - retainer	2
28	61-32516	BOLT - hex socket, 1/4 NC x 1 inch	3
	50-2386T1	KIT-seal,flowcontrol,nolongeravailable,ordercomponentpartsseparately	1
31	A48959	SPRING - outer, flow control	1
32	A48960	SPRING - inner, flow control	1
33	238-5008	O-RING - 3/16 ID x 1/16 inch wide, shaft	1
34	D71056	RING - backup	1
35	237-6010	O-RING - 3/4 ID x 3/32 inch wide, plug	1
36	138-1816	PIN - roll, 1/8 x 1 inch, control stop	1
37	19711R1	PIN - roll, 1/8 x 1-1/4 inch, control stop	1
	A48942	KIT - seal, detent	1
40	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide, detent housing	1
41	238-5008	O-RING - 3/16 ID x 1/16 inch wide, relief	1
42	D71056	RING - backup	1
43	238-5022	O-RING - 1 ID x 1/16 inch wide, kickout piston	1
44	A52208	RING - backup	1
45	238-5021	O-RING - 15/16 ID x 1/16 inch wide, kickout piston	1
46	L35295	RING - backup	1
47	NSS	POPPET - relief	1
48	NSS	SPRING - valve poppet	1
49	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
50	A52378	RING - backup	1
51	238-6010	O-RING - 1/4 ID x 1/16 inch wide, housing	2
	A47209	SHUTTLE ASSEMBLY - primary	1
	50-1655T1	KIT - seal, primary shuttle, no longer available, order component parts separately	1
55	238-6009	O-RING - 7/32 ID x 1/16 inch wide	1
56	238-6010	O-RING - 1/4 ID x 1/16 inch wide	1
57	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
58	NSS	SHUTTLE - primary, order A47209 shuttle	1

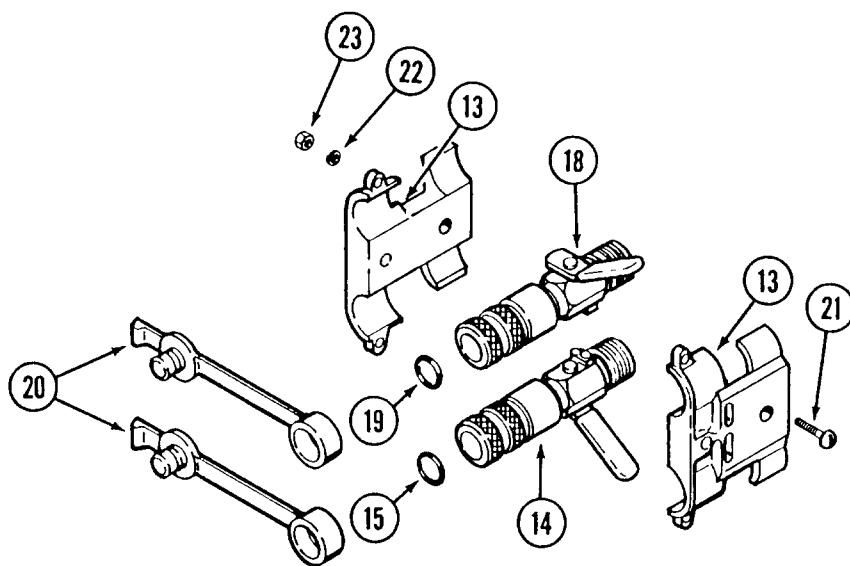
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HYDRAULIC REMOTE VALVE SECTION

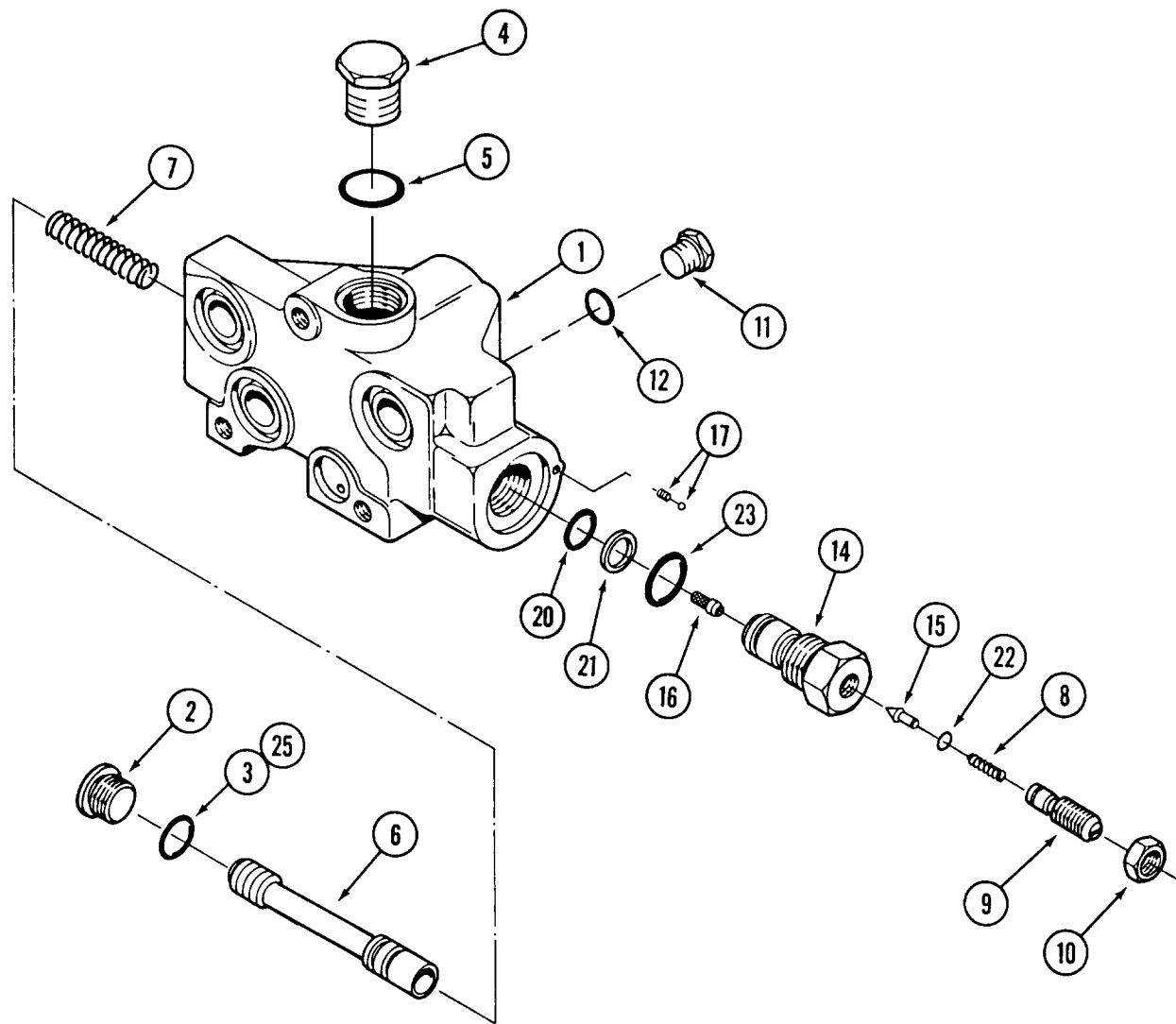
Second Section with "B" Port Load Lock and Float

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3625T91	SECTION ASSEMBLY - "B" port, load locks and float, High Output, continued	1
	50-2388T1	KIT - seal, detent, primary and secondary	1
62	238-5116	O-RING - 3/4 ID x 3/32 inch wide, spool	2
63	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide, detent housing	1
64	238-5008	O-RING - 3/16 ID x 1/16 inch wide	2
65	D71056	RING - backup	2
66	237-6010	O-RING - 3/4 ID x 3/32 inch wide, plug	1
67	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24	8
68	238-5022	O-RING - 1 ID x 1/16 inch wide, kickout piston	1
69	A52208	RING - backup	1
70	238-5021	O-RING - 15/16 ID x 1/16 inch wide, kickout piston	1
71	L35295	RING - backup	1
72	A48935	WASHER - poppet valve, spring	1
73	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
74	A52378	RING - backup	1
75	238-6009	O-RING - 7/32 ID x 1/16 inch wide	3
76	238-6008	O-RING - 3/16 ID x 1/16 inch wide, shuttle, secondary	1
77	237-6003	O-RING - 5/16 ID x 1/16 inch wide, shuttle, secondary	1
78	238-6010	O-RING - 1/4 ID x 1/16 inch wide, shuttle, primary	1
79	237-6004	O-RING - 23/64 ID x 5/64 inch wide, shuttle, primary	1
	50-3628T1	SHUTTLE ASSEMBLY - secondary	1
	R30185	KIT - seal	1
83	238-6008	O-RING - 3/16 ID x 1/16 inch wide, shuttle, secondary	1
84	237-6003	O-RING - 5/16 ID x 1/16 inch wide, shuttle, secondary	1
85	NSS	BODY - shuttle, secondary	1
	338703A1	KIT - housing, detent, replaces A48940 kit	1
88	238-5008	O-RING - 3/16 ID x 1/16 inch wide, poppet	1
89	D71056	RING - backup	1
90	NSS	HOUSING - detent	1
91	A48931	WASHER - guide	1
92	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24	8
93	A48932	PISTON - kickout	1
94	238-5022	O-RING - 1 ID x 1/16 inch wide, piston	2
95	A52208	RING - backup	1
96	100-21118	RING - internal retaining, No. 118, replaces A30975 ring	1
97	NSS	RETAINER - piston	1
98	A48934	SPRING - detent	1
99	238-5021	O-RING - 15/16 ID x 1/16 inch wide, piston	1
100	L35295	RING - backup	1
104	NSS	PLUG - orifice	1
105	NSS	SEAT - pilot float	1
106	NSS	POPPET - relief	1
107	NSS	SPRING - valve poppet	1
108	A48935	WASHER - poppet valve, spring	1
109	A48936	PISTON - regulator	1
110	A52437	SCREW - adjusting	1
111	425-156	NUT - hex, jam, 3/8 inch NF	1
112	238-5006	O-RING - 1/8 ID x 1/16 inch wide, poppet	1
113	A52378	RING - backup	1



REMOTE QUICK DISCONNECT COUPLER ASSEMBLY

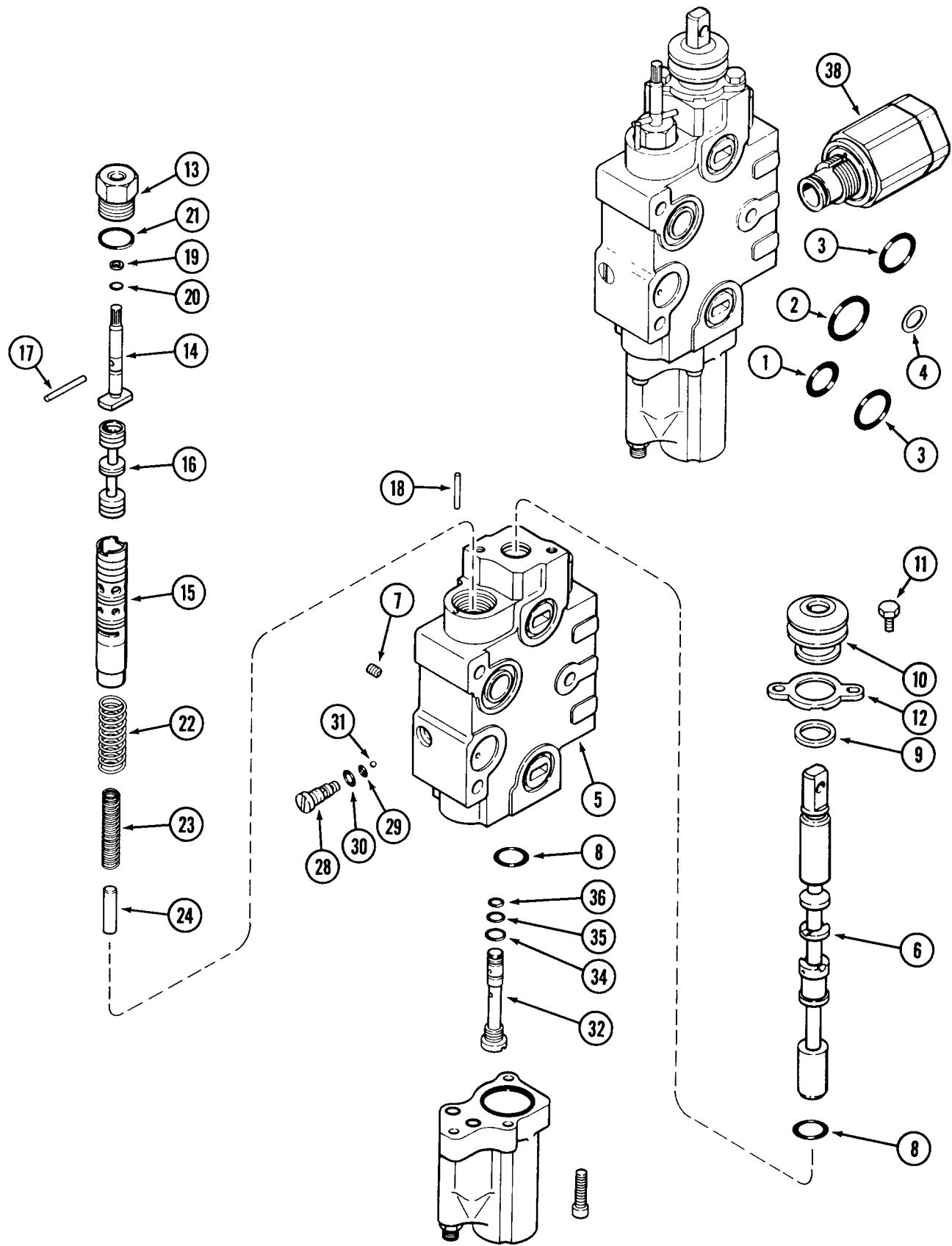
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3349T93	COUPLER ASSEMBLY - quick disconnect	3
13	90-7634T1	CLAMP - coupler, bottom	2
14	50-1459T91	COUPLER ASSEMBLY - quick	1
15	238-6211	O-RING - 13/16 ID x 1/8 inch wide	1
18	50-1460T91	COUPLER ASSEMBLY - quick	1
19	238-6211	O-RING - 13/16 ID x 1/8 inch wide	1
20	50-2267T1	CAP - dust, cartridge	2
21	440-11012	SCREW - machine, pan Phillips, No. 10 NC x 3/4 inch	2
22	493-41020	WASHER - external tooth lock, 3/16 inch.	2
23	225-14110	NUT - hex, No. 10 NC	2



HYDRAULIC REMOTE VALVE INLET BODY With Priority Valve

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3623T91	COVER ASSEMBLY - inlet, High Output.....	1
1	NSS	BODY - inlet	1
2	218-5211	PLUG - hex socket, 7/8-14 inch O-ring boss	1
3	237-6010	O-RING - 3/4 ID x 3/32 inch wide	1
4	218-5212	PLUG - hex socket, 1-1/16-12 inch O-ring boss.....	1
5	237-6012	O-RING - 59/64 ID x 7/64 inch wide	1
6	NSS	SPOOL - compensator.....	1
7	50-3629T1	SPRING - spool	1
8	50-2578T1	SPRING - poppet	1
9	50-2579T1	SCREW - set, pressure adjustment	1
10	425-108	NUT - hex, 1/2 inch NC	1
11	218-5209	PLUG - hex socket, 9/16-18 inch O-ring boss	1
12	237-6006	O-RING - 15/32 ID x 5/64 inch wide	1
14	50-2500T1	HOUSING - relief valve	1
15	50-1751T1	POPPET - pilot.....	1
16	50-2581T1	FILTER - screen.....	1
17	A47105	PLUG - expansion	1
	*50-2582T1	KIT - seal, inlet	1
20	NSS	O-RING - seal, relief valve	1
21	NSS	RING - backup	1
22	NSS	O-RING - seal, poppet	1
23	NSS	O-RING - seal, valve housing	1
25	237-6010	O-RING - 3/4 ID x 3/32 inch wide	1

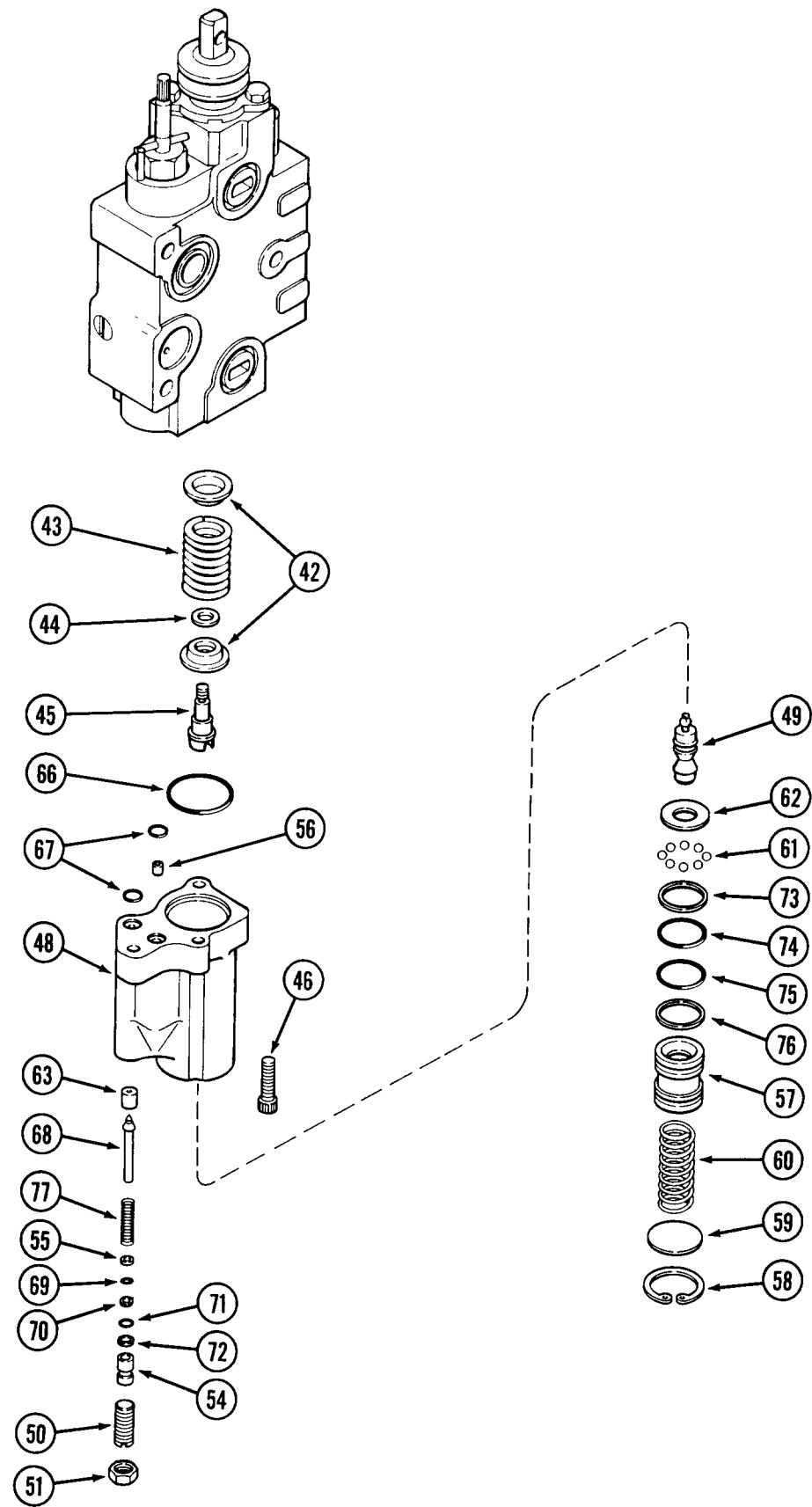
***NOTE:** Seal kit 50-2582T1 also includes the following parts, (1) 104916 ball, (1) 238-6008 O-ring and (1) 237-6003 O-ring, not shown and not required for this application.



**PRIORITY REMOTE HYDRAULIC VALVE KIT
With Load Check**

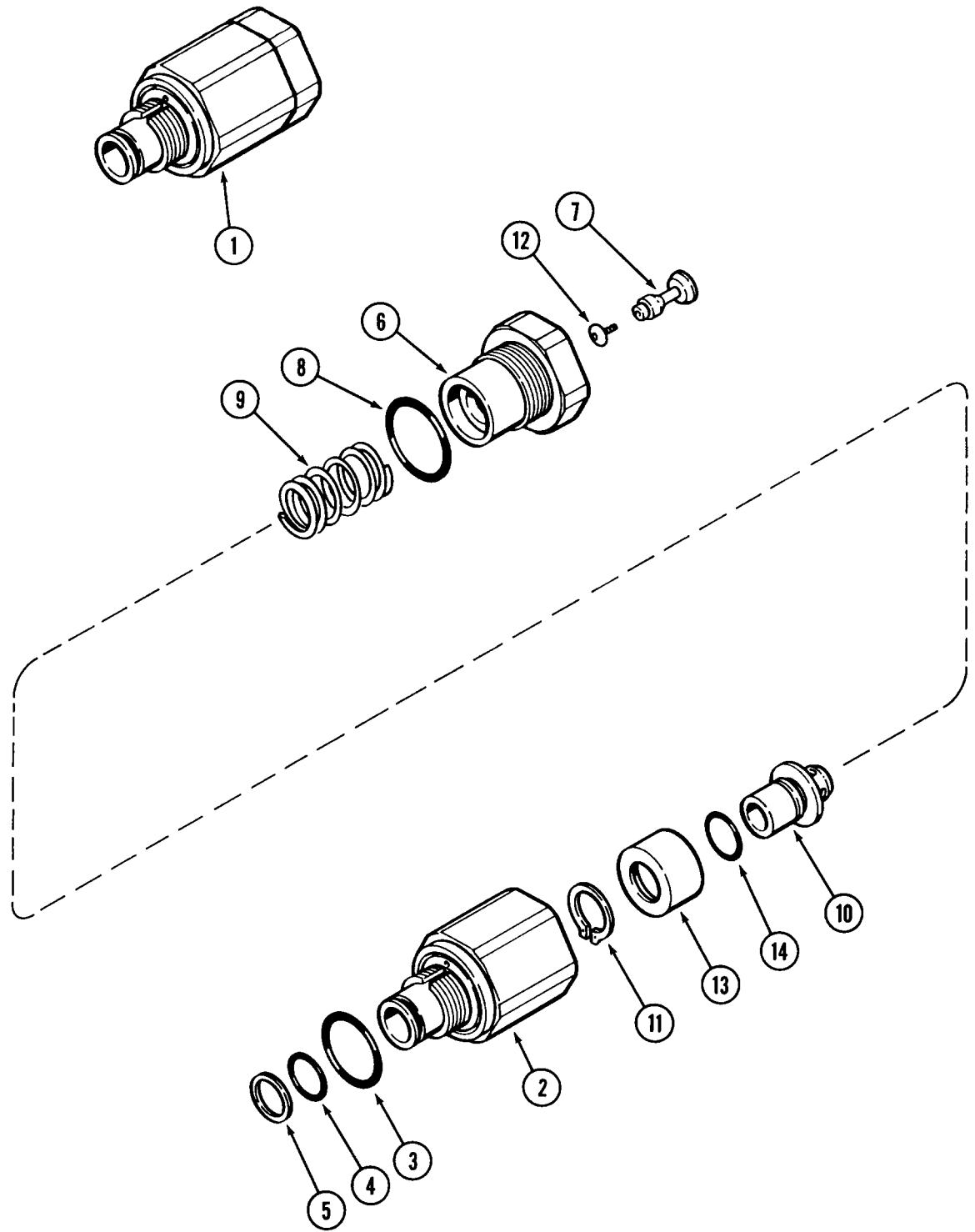
REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1753T91	KIT - valve, priority remote, no longer available, order component parts separately	UAR
	2-3792T1	KIT - seal, valve section	1
1	238-6211	O-RING - 13/16 ID x 1/8 inch wide	1
2	238-5119	O-RING - 15/16 ID x 3/32 inch wide	1
3	238-6214	O-RING - 1 ID x 1/8 inch wide	2
4	D77566	SHIM - sections, control valve	3
	1986840C1	VALVE ASSEMBLY - remote control, with load check, replaces A52404 valve assembly	1
5	NSS	BODY - valve	1
6	NSS	SPOOL - valve	1
7	A47105	PLUG - expansion	1
8	238-5116	O-RING - 3/4 ID x 3/32 inch wide	2
9	A47205	FILTER - spool	1
10	A47188	COVER - dust	1
11	A47098	SCREW - retainer	2
12	A47196	RETAINER - dust guard	1
13	A48925	PLUG - flow control	1
14	A48929	SHAFT - adjusting	1
15	A52412	TUBE - flow control	1
16	A52411	SPOOL - flow control	1
17	19711R1	PIN - roll, 1/8 x 1-1/4 inch	1
18	138-1816	PIN - roll, 1/8 x 1 inch	1
19	D71056	RING - backup	1
20	238-5008	O-RING - 3/16 ID x 1/16 inch wide	1
21	237-6010	O-RING - 3/4 ID x 3/32 inch wide	1
22	A48959	SPRING - outer, flow control	1
23	A48960	SPRING - inner, flow control	1
24	A52410	PIN - spring guide	1
28	A47204	BODY - shuttle	1
29	238-6008	O-RING - 3/16 ID x 1/16 inch wide	1
30	237-6003	O-RING - 5/16 ID x 1/16 inch wide	1
31	211-1006	BALL - chrome alloy steel, 3/16 inch, grade 24	1
32	A47209	SHUTTLE ASSEMBLY - primary	1
34	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
35	238-6010	O-RING - 1/4 ID x 1/16 inch wide	1
36	238-6009	O-RING - 7/32 ID x 1/16 inch wide	1
37	A52421	PLUG - expansion, not shown	1
38	A52422	CHECK ASSEMBLY - load, remote valve, parts list page 8-75	1

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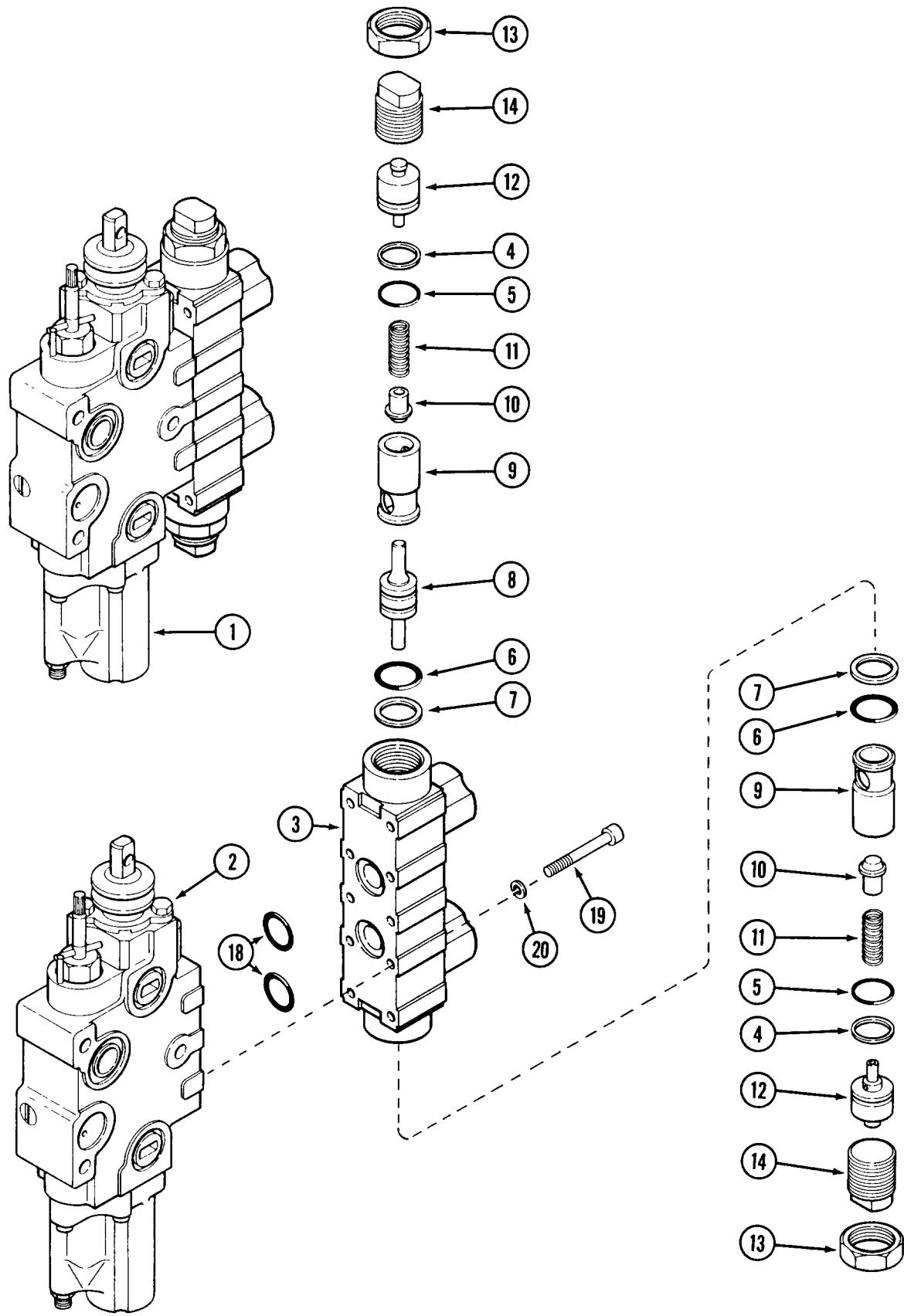
**PRIORITY REMOTE HYDRAULIC VALVE KIT
With Load Check**

REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1753T91	KIT - valve, priority remote, no longer available, order component parts separately, continued.....	1
	1986840C1	VALVE ASSEMBLY - remote control, with load check, replaces A52404 valve assembly.....	1
42	A47197	RETAINER - spring.....	2
43	A47177	SPRING - centering	1
44	A47199	SPACER - detent	1
45	A47193	COUPLER - detent pivot.....	1
46	61-32516	BOLT - hex socket, 1/4 NC x 1 inch	3
	A52435	HOUSING ASSEMBLY - detent	1
48	NSS	HOUSING - detent.....	1
49	A52409	SHAFT - detent	1
50	A52437	SCREW - adjusting	1
51	425-156	NUT - hex, jam, 3/8 inch NF	1
54	A48936	PISTON - regulator	1
55	A48935	WASHER - poppet valve	1
56	A47658	PLUG - orifice	1
57	A48932	PISTON - kickout.....	1
58	100-21118	RING - internal retaining, No. 118.....	1
59	A48933	RETAINER - piston	1
60	A48934	SPRING - detent	1
61	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24.....	8
62	A48931	WASHER - guide.....	1
63	A47201	SEAT - pilot float	1
	A48942	KIT - seal, detent.....	1
66	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide	1
67	238-6010	O-RING - 1/4 ID x 1/16 inch wide.....	2
68	NSS	POPPET - detent	1
69	238-5006	O-RING - 1/8 ID x 1/16 inch wide.....	1
70	A52378	RING - backup	1
71	238-5008	O-RING - 3/16 ID x 1/16 inch wide.....	1
72	D71056	RING - backup	1
73	L35295	RING - backup	1
74	238-5021	O-RING - 15/16 ID x 1/16 inch wide.....	1
75	238-5022	O-RING - 1 ID x 1/16 inch wide	1
76	A52208	RING - backup	1
77	NSS	SPRING - relief	1



**PRIORITY REMOTE HYDRAULIC VALVE KIT
With Load Check**

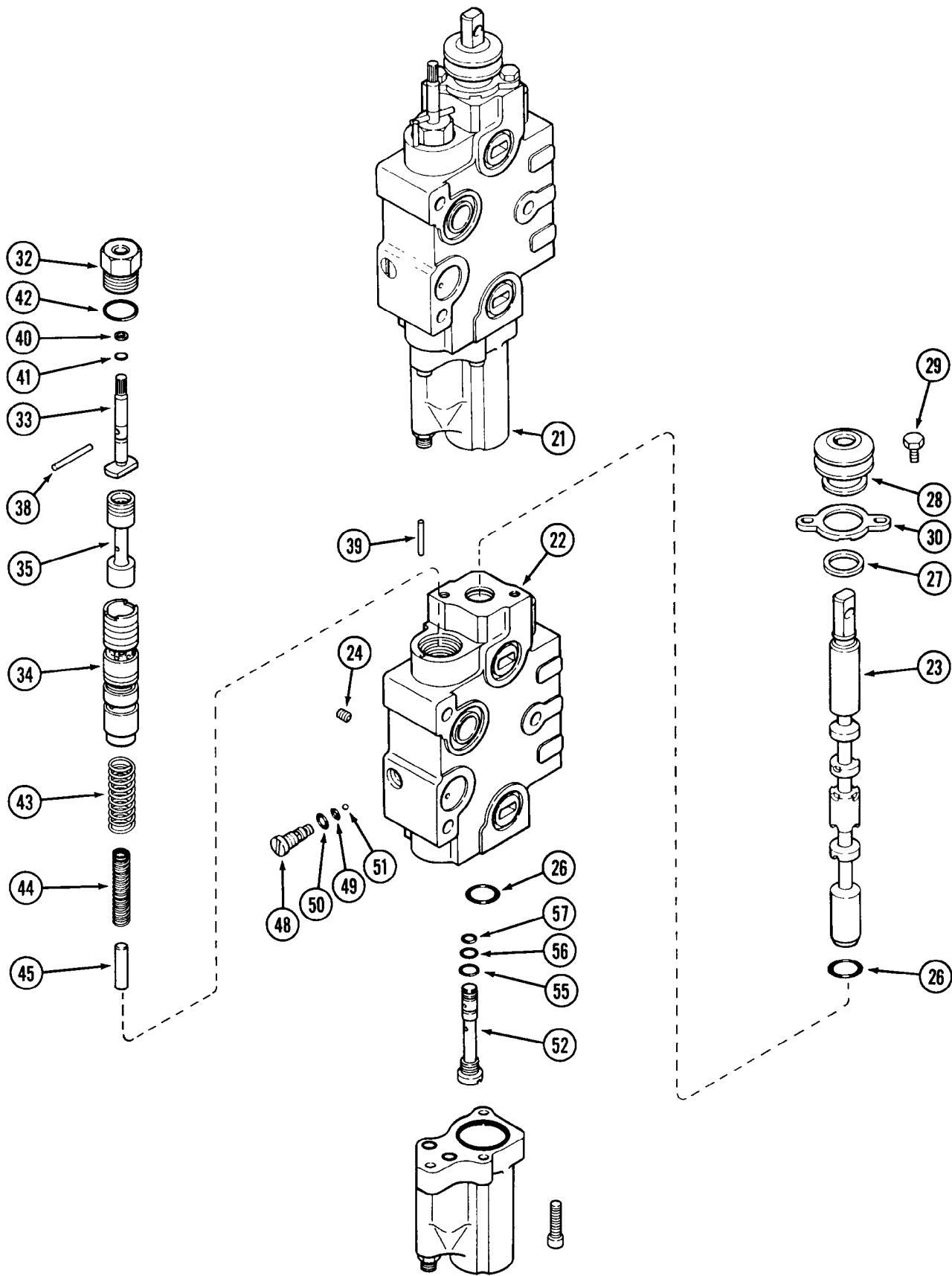
REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1753T91	KIT - valve, priority remote, no longer available, order component parts separately	1
	1986840C1	VALVE ASSEMBLY - remote control, with load check, replaces A52404 valve assembly	1
1	A52422	CHECK ASSEMBLY - load, remote valve	1
2	NSS	HOUSING - load check	1
3	A52427	O-RING - housing	1
4	238-5018	O-RING - 3/4 ID x 1/16 inch wide	1
5	A52424	RING - backup, sleeve	1
6	NSS	PLUG - load check	1
7	NSS	POPPET - load check	1
8	238-6124	O-RING - 1-1/4 ID x 3/32 inch wide	1
9	NSS	SPRING - load check	1
10	NSS	PISTON - load check	1
11	NSS	RING - retaining	1
12	NSS	SCREW - button head	1
13	NSS	SPACER - load check	1
14	238-5018	O-RING - 3/4 ID x 1/16 inch wide	1



LOAD CHECK REMOTE CONTROL VALVE ASSEMBLY
If Equipped

REF.	PART NO.	DESCRIPTION	REQ'D.
1	A169456	VALVE ASSEMBLY - remote control, no longer available, order component parts separately	UAR
2	A48945	BODY ASSEMBLY - valve, parts list page 8-79.....	1
	A48946	CHECK ASSEMBLY - load, valve	1
3	NSS	BODY - load check	1
4	N7509	RING - backup	2
5	238-5019	O-RING - 13/16 ID x 1/16 inch wide	2
6	238-6021	O-RING - 15/16 ID x 1/16 inch wide	2
7	R31052	RING - backup	2
8	A46915	SPOOL - load check.....	1
9	A46916	SEAT - load check	2
10	A46917	POPPET - load check.....	2
11	A46918	SPRING - poppet	2
12	A46919	RETAINER - spring.....	2
13	A46920	NUT - hex, self-locking, 1-1/16 inch	2
14	A46921	PLUG - setting, load check.....	2
18	238-6117	O-RING - 13/16 ID x 3/32 inch wide.....	2
19	61-32532	BOLT - hex socket, 1/4 NC x 2 inch.....	6
20	92-61025	WASHER - Hi-Collar lock, 1/4 inch	6

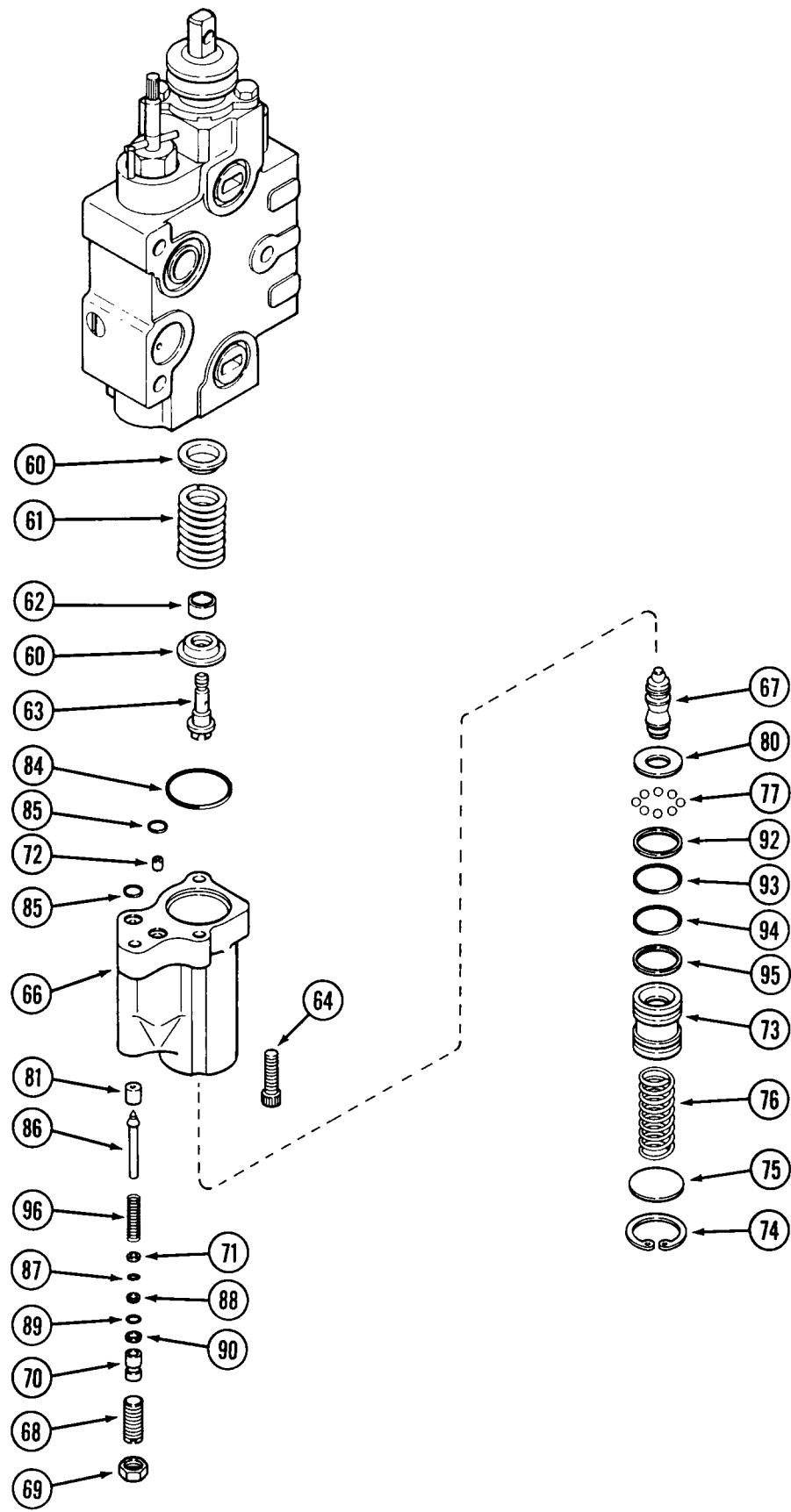
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LOAD CHECK REMOTE CONTROL VALVE ASSEMBLY If Equipped

REF.	PART NO.	DESCRIPTION	REQ'D.
	A169456	VALVE ASSEMBLY - remote control, no longer available, order component parts separately, continued.....	UAR
21	A48945	BODY ASSEMBLY - valve	1
22	NSS	BODY - valve	1
23	NSS	SPOOL - valve	1
24	A47105	PLUG - expansion.....	1
26	238-5116	O-RING - 3/4 ID x 3/32 inch wide	2
27	A47205	FILTER - spool	1
28	A47188	COVER - dust	1
29	A47098	SCREW - retainer	2
30	A47196	RETAINER - dust guard	1
32	A48925	PLUG - flow control.....	1
33	A48929	SHAFT - adjusting.....	1
34	A48956	TUBE - flow control.....	1
35	A48957	SPOOL - flow control	1
38	19711R1	PIN - roll, 1/8 x 1-1/4 inch	1
39	138-1816	PIN - roll, 1/8 x 1 inch	1
40	D71056	RING - backup	1
41	238-5008	O-RING - 3/16 ID x 1/16 inch wide	1
42	237-6010	O-RING - 3/4 ID x 3/32 inch wide	1
43	A48959	SPRING - outer, flow control.....	1
44	A48960	SPRING - inner, flow control.....	1
45	A48937	PIN - guide, spring	1
48	A47204	BODY - shuttle	1
49	238-6008	O-RING - 3/16 ID x 1/16 inch wide	1
50	237-6003	O-RING - 5/16 ID x 1/16 inch wide	1
51	211-1006	BALL - chrome alloy steel, 3/16 inch, grade 24	1
52	A47209	SHUTTLE ASSEMBLY - primary	1
55	237-6004	O-RING - 23/64 ID x 5/64 inch wide	1
56	238-6010	O-RING - 1/4 ID x 1/16 inch wide	1
57	238-6009	O-RING - 7/32 ID x 1/16 inch wide	1

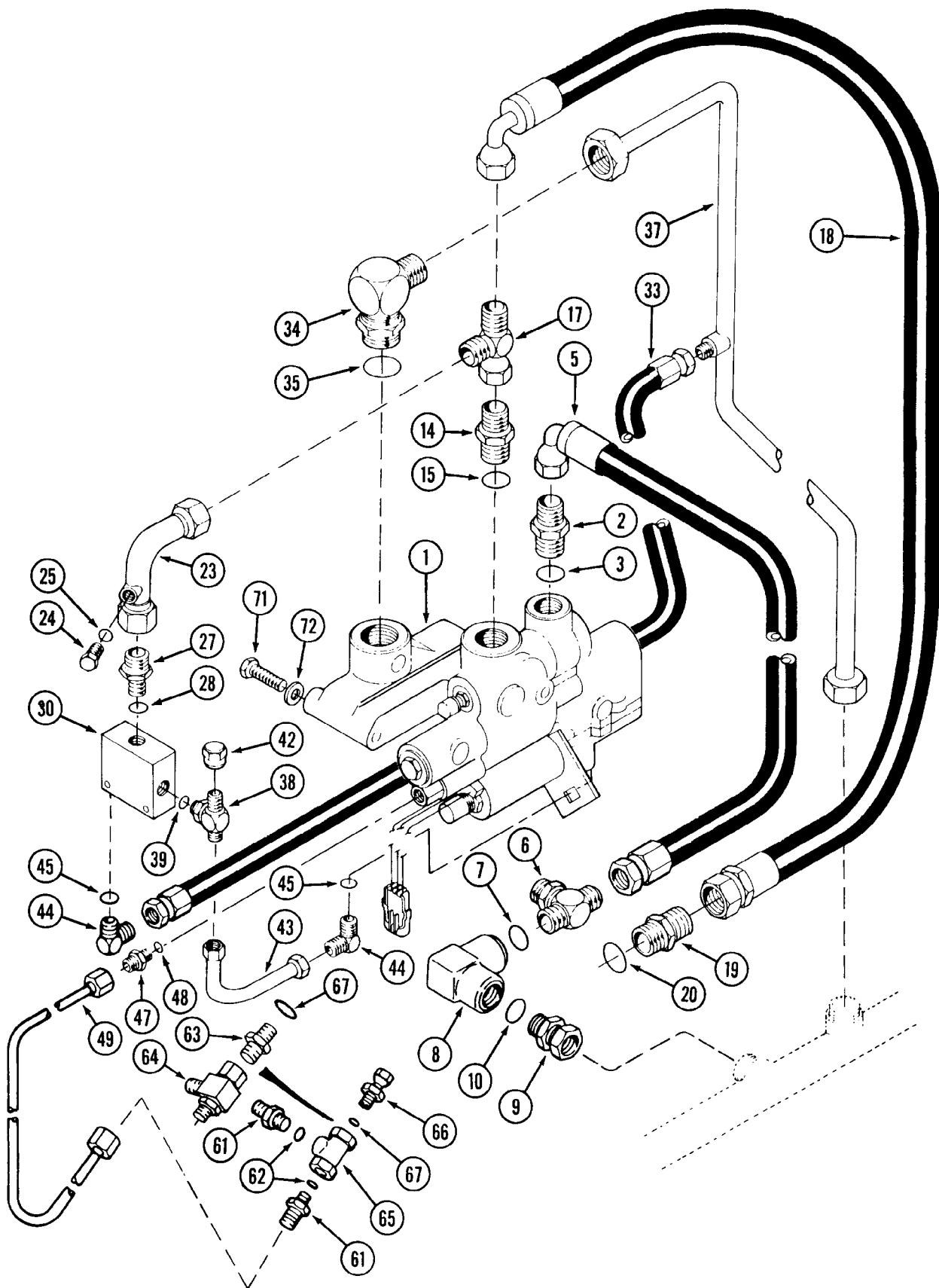
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LOAD CHECK REMOTE VALVE ASSEMBLY

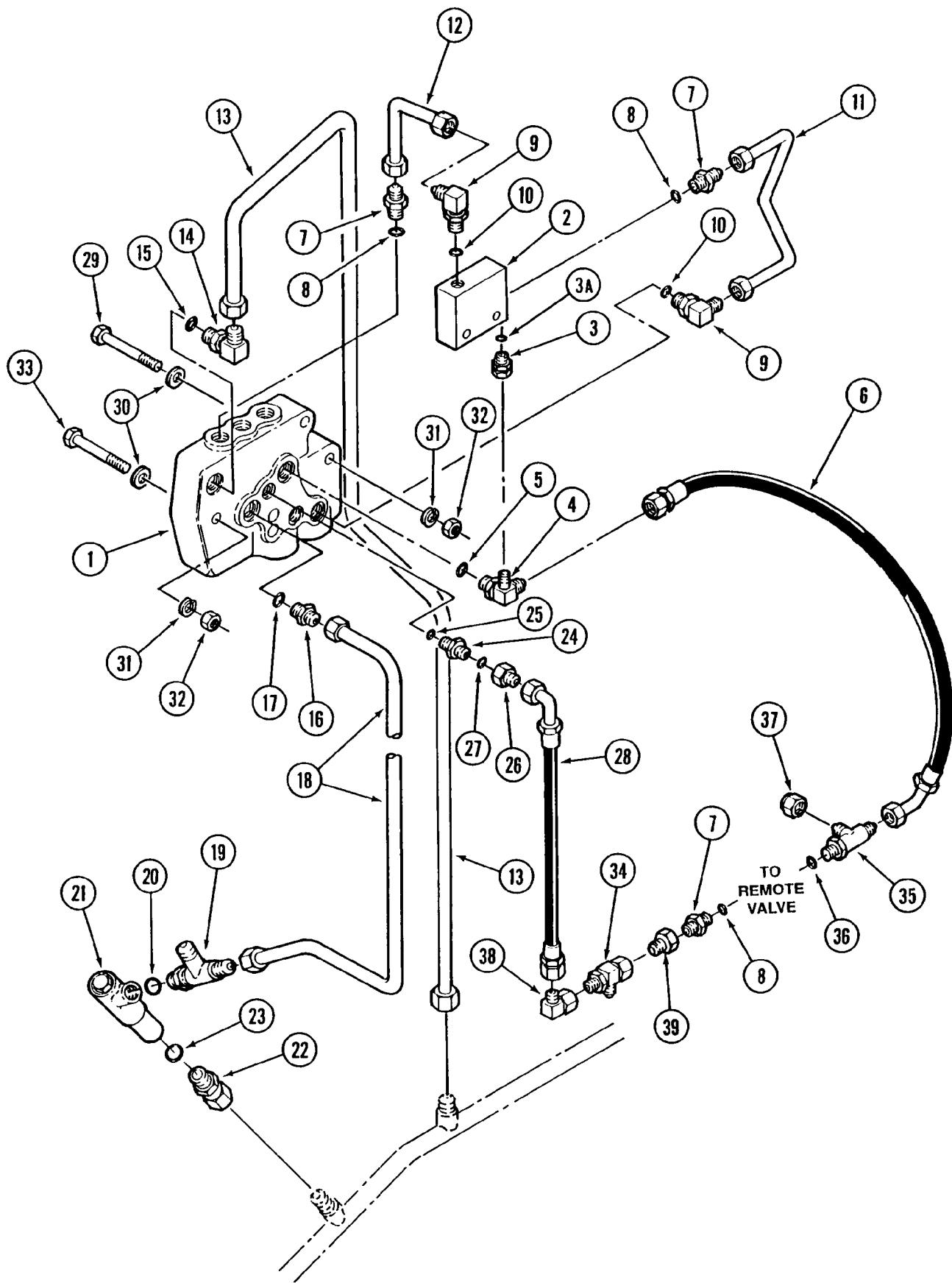
If Equipped

REF.	PART NO.	DESCRIPTION	REQ'D.
	A169456	VALVE ASSEMBLY - remote control, no longer available, order component parts separately, continued.....	UAR
	A48945	BODY ASSEMBLY - valve.....	1
60	A47197	RETAINER - spring.....	2
61	A47177	SPRING - centering	1
62	A48930	SPACER - detent	1
63	A46923	COUPLER - detent	1
64	61-32516	BOLT - hex socket, 1/4 NC x 1 inch	3
	A48940	KIT - housing, detent.....	1
66	NSS	HOUSING ASSEMBLY - detent	1
67	A52409	SHAFT - detent	1
68	A47173	SCREW - adjusting	1
69	425-156	NUT - hex, jam, 3/8 inch NF.....	1
70	A48936	PISTON - regulator	1
71	A48935	WASHER - poppet valve	1
72	A47658	PLUG - orifice.....	1
73	A48932	PISTON - kickout	1
74	100-21118	RING - internal retaining, No. 118	1
75	A48933	RETAINER - piston	1
76	A48934	SPRING - detent	1
77	211-1007	BALL - chrome alloy steel, 7/32 inch, grade 24.....	8
80	A48931	WASHER - guide	1
81	A47201	SEAT - pilot float	1
	A48942	KIT - seal, detent	1
84	238-5026	O-RING - 1-1/4 ID x 1/16 inch wide	1
85	238-6010	O-RING - 1/4 ID x 1/16 inch wide	2
86	NSS	POPPET - detent	1
87	238-5006	O-RING - 1/8 ID x 1/16 inch wide	1
88	A52378	RING - backup	1
89	238-5008	O-RING - 3/16 ID x 1/16 inch wide	1
90	D71056	RING - backup	1
92	L35295	RING - backup	1
93	238-5021	O-RING - 15/16 ID x 1/16 inch wide	1
94	238-5022	O-RING - 1 ID x 1/16 inch wide	1
95	A52208	RING - backup	1
96	NSS	SPRING - relief.....	1



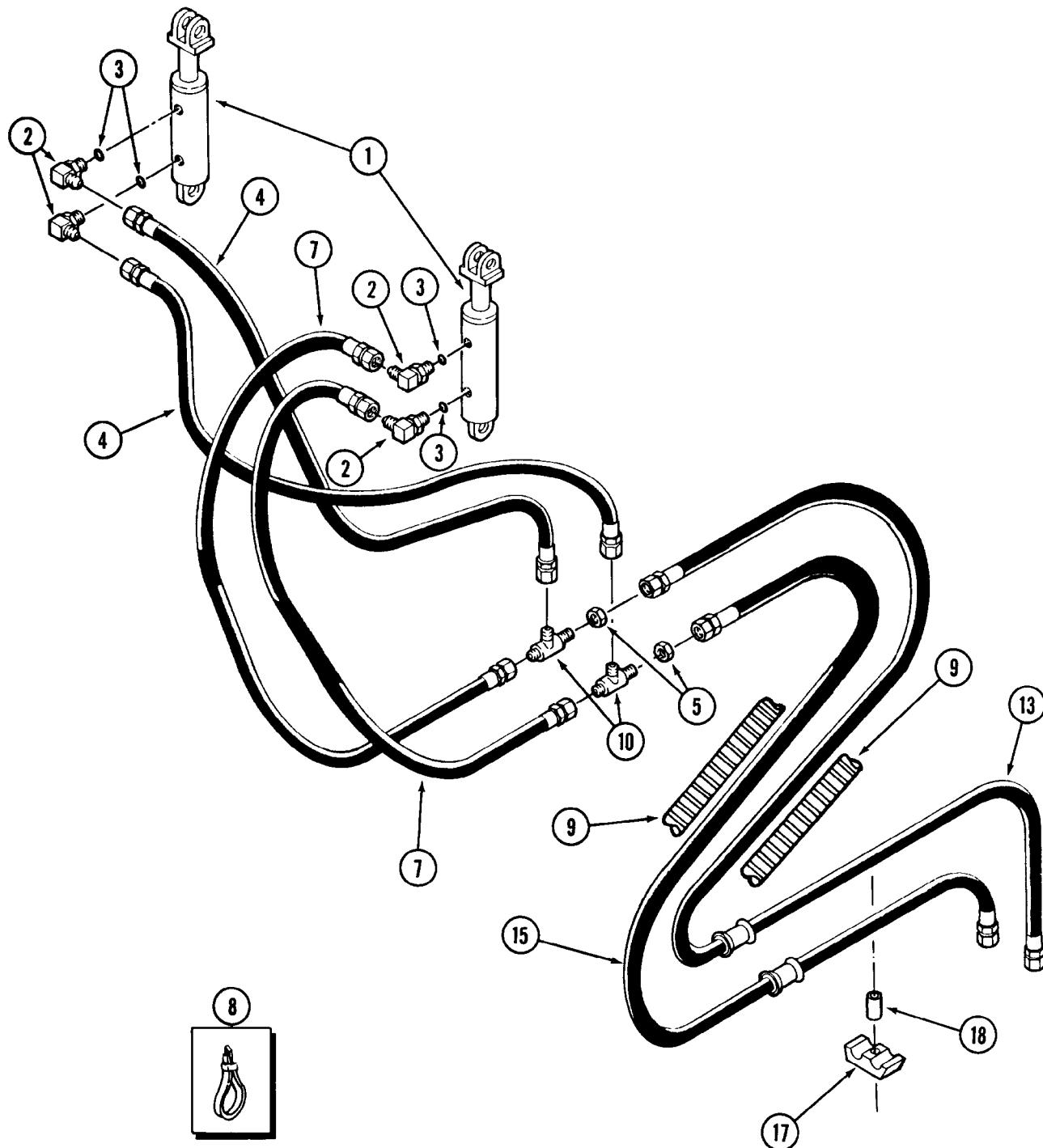
THREE POINT HITCH HYDRAULICS
Electronic Controlled Valve System
Prior to P.I.N. JEE0069665
9370 and 9380 Only

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3321T91	VALVE ASSEMBLY - control, parts list page 8-95	1
2	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss.....	1
3	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	1
5	31-2965	HOSE - hitch valve to cylinder lift line	1
6	218-5241	TEE - 7/8-14 inch flare branch x flare x adj O-ring boss	1
7	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	1
8	50-2291T91	VALVE ASSEMBLY - relief, parts list page 8-99.....	1
9	31-2964	ADAPTER - straight, 7/8-14 inch thread	1
10	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	1
14	218-5063	ADAPTER - straight, 7/8-14 flare x 1-1/16-12 inch O-ring boss	1
15	237-6012	O-RING - 59/64 ID x 7/64 inch wide.....	1
17	218-5220	TEE - swivel, 7/8-14 inch flare branch x flare x swivel.....	1
18	31-2847	HOSE - hitch control valve to hydraulic control valve	1
19	218-5064	ADAPTER - straight, 1-1/16-12 inch flare x O-ring boss	1
20	237-6012	O-RING - 59/64 ID x 7/64 inch wide.....	1
23	50-3186T1	TUBE - hitch control valve to pressure reducing valve	1
24	218-5155	PLUG - hex, 9/16-18 inch O-ring boss.....	1
25	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
27	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss, replaces 218-5360 adapter	1
28	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
30	50-3293T91	VALVE ASSEMBLY - pressure reducing, parts list page 8-99	1
33	31-1668	HOSE - 356 mm (14 inch) long, pressure reducing valve to drain tube	1
34	218-5118	ELBOW - 90 degree, 1-1/16-12 flare x 1-5/16-12 inch adj O-ring boss.....	1
35	237-6012	O-RING - 59/64 ID x 7/64 inch wide.....	1
37	50-3195T1	TUBE - hitch control valve to drain tube	1
38	218-5182	TEE - 9/16-18 inch adj O-ring branch x flare x flare	1
39	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
42	218-754	CAP - hex, 9/16-18 inch.....	1
43	50-3111T1	TUBE - pressure reducing valve to hitch control valve	1
44	218-5105	ELBOW - 90 degree, 9/16-18 inch flare x adj O-ring boss	2
45	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
47	218-5318	ADAPTER - straight, 9/16-18 flare x 1/2-20 inch O-ring boss	1
48	237-6005	O-RING - 13/32 ID x 5/64 inch wide.....	1
49	50-3204T2	TUBE - hitch control valve to shuttle valve	1
61	218-5352	ADAPTER - straight, 9/16-18 flare x 7/16-20 inch O-ring boss	2
62	237-6004	O-RING - 23/64 ID x 5/64 inch wide.....	1
63	218-5057	ADAPTER - straight, 9/16-18 inch flare x O-ring boss, used with 50-3593T1 valve, item 64	1
64	50-3593T1	VALVE - shuttle, if used.....	1
65	31-1778	VALVE - shuttle, if used.....	1
66	218-5268	ADAPTER - straight, 7/16-20 O-ring boss x 1/4 inch female swivel	1
67	237-6004	O-RING - 23/64 ID x 5/64 inch wide.....	1
71	426-624	BOLT - hex, 3/8 NC x 1-1/2 inch, grade 8	2
72	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	2



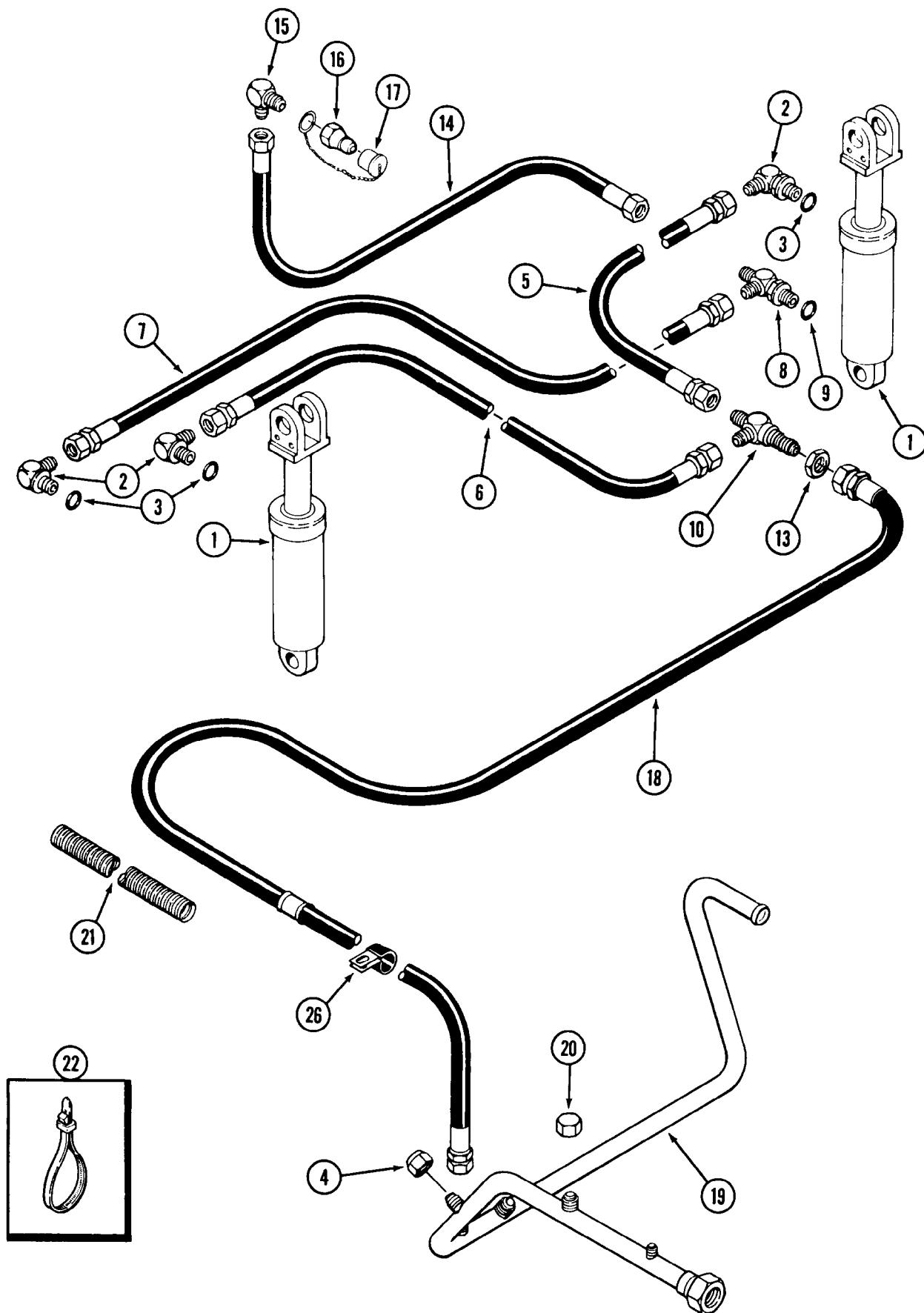
THREE POINT HITCH HYDRAULICS
Electronic Controlled Valve System
P.I.N. JEE0069665 and After

REF.	PART NO.	DESCRIPTION	REQ'D.
1	246245A1	VALVE ASSEMBLY - control, parts list page 8-97	1
2	50-3293T91	VALVE ASSEMBLY - pressure reducing, parts list page 8-99	1
3	31-3087	ADAPTER - straight.....	1
3A	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	1
4	50-3621T1	ELBOW - 90 degree, 7/8-14 flare x 1-1/16-12 inch O-ring boss	1
5	237-6012	O-RING - 59/64 ID x 7/64 inch wide.....	1
6	31-3216	HOSE - pressure supply	1
7	218-5057	ADAPTER - straight, 9/16-18 inch flare x O-ring boss.....	2
8	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	3
9	218-5105	ELBOW - 90 degree, 9/16-18 inch flare x adj O-ring boss	2
10	237-6006	O-RING - 15/32 ID x 5/64 inch wide.....	2
11	50-3639T1	TUBE - pilot pressure, pressure valve to control valve	1
12	50-3638T1	TUBE - pressure reducing	1
13	50-3637T1	TUBE - return, control valve to return tube	1
14	218-5108	ELBOW - 90 degree, 1-1/16-12 inch flare x adj O-ring boss.....	1
15	237-6012	O-RING - 59/64 ID x 7/64 inch wide.....	1
16	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss.....	1
17	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	1
18	50-3641T1	TUBE - pressure, control valve to return tube	1
19	218-5241	TEE - 7/8-14 inch flare branch x flare x adj O-ring boss	1
20	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	1
21	50-2291T91	VALVE ASSEMBLY - relief, parts list page 8-99.....	1
22	31-2964	ADAPTER - straight, 7/8-14 inch thread	1
23	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	1
24	201-101	ADAPTER - straight, 11/16-16 face seal x 9/16-18 inch O-ring boss	1
25	238-6012	O-RING - 3/8 ID x 1/16 inch wide.....	1
26	50-3649T1	VALVE - check.....	1
27	238-6012	O-RING - 3/8 ID x 1/16 inch wide	1
28	31-3215	HOSE - pressure sensing	1
29	426-664	BOLT - hex, 3/8 NC x 4 inch, grade 8	1
30	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	2
31	492-11038	WASHER - lock, 3/8 inch.....	2
32	425-106	NUT - hex, 3/8 inch NC	2
33	426-656	BOLT - hex, 3/8 NC x 3-1/2 inch, grade 8	1
34	50-3593T1	VALVE - shuttle	1
35	218-5247	TEE - 1-5/16-12 fl branch x 7/8-14 fl x 1-1/16-12 adj O-ring	1
36	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
37	218-758	CAP - hex, 1-5/16-12 inch, used without High Output hydraulic system.....	1
38	218-980	ELBOW - 90 degree, 9/16-18 inch flare x swivel.....	1
39	31-2685	ADAPTER - orifice	1



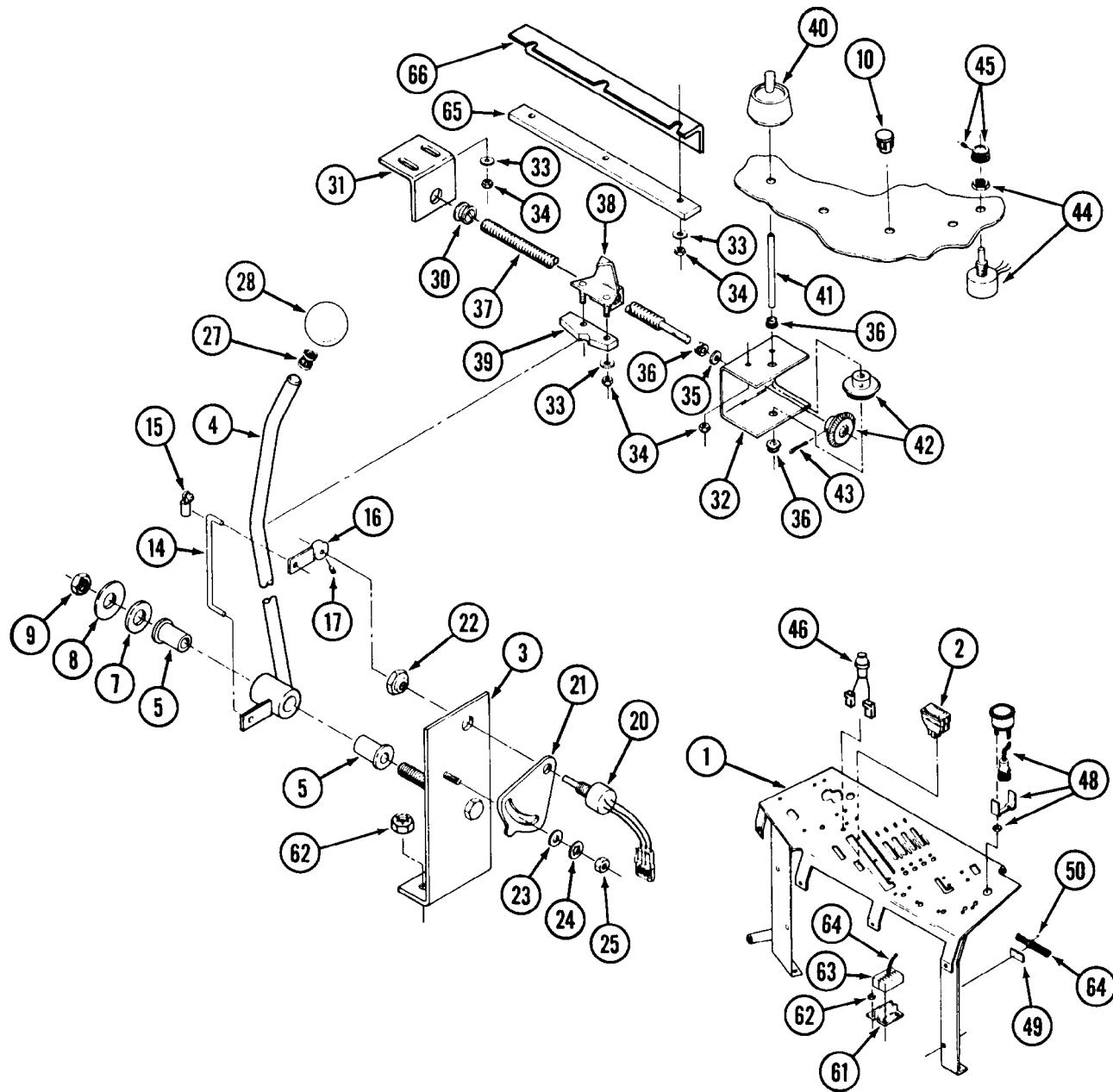
THREE POINT HITCH HYDRAULICS
Electronic Controlled Hitch System

REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3410T91	CYLINDER ASSEMBLY - three point hitch, parts list page 8-93.....	2
2	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss	4
3	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
4	31-2954	HOSE - tee to cylinder.....	2
5	218-1255	NUT - hex, lock, bulkhead, 3/4 inch NF.....	2
7	31-1440	HOSE - tee to cylinder.....	2
8	22-824	STRAP - tie, 7 inch	6
9	50-3087T1	CONDUIT - hose protective, 1499 mm (59 inch) long, cut from S119717X bulk conduit, see below	2
10	218-1236	TEE - 3/4-16 inch flare branch x flare x bulkhead flare	2
13	31-2956	HOSE - hitch valve tee to cylinder tee, prior to P.I.N. JEE0069665	1
13	31-3190	HOSE - cylinder tee to return tube, P.I.N. JEE0069665 and after.....	1
15	31-2997	HOSE - cylinder tee to return tube, prior to P.I.N. JEE0069665	1
15	31-3189	HOSE - relief valve to cylinder tee, P.I.N. JEE0069665 and after.....	1
17	50-2534T1	CLAMP - split, one-half	1
18	19-6249	SPACER - clamp	1
S119717X		CONDUIT - bulk, 25 (1) ID x 4877 mm (192 inch) long.....	UAR



THREE POINT HITCH HYDRAULICS
Manual Controlled Hitch System

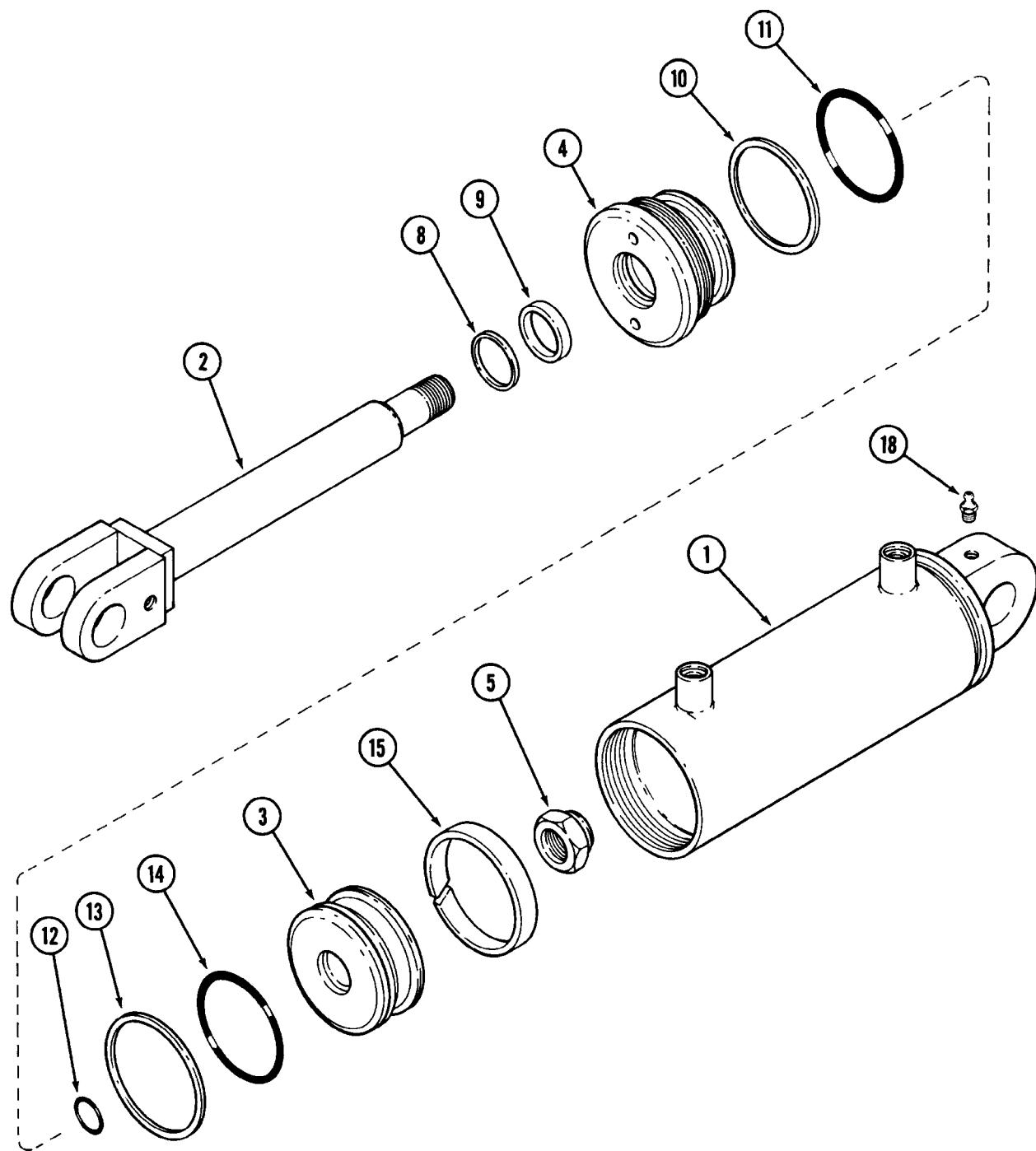
REF.	PART NO.	DESCRIPTION	REQ'D.
1	50-3410T91	CYLINDER ASSEMBLY - three point hitch, parts list page 8-93.....	1
2	218-5106	ELBOW - 90 degree, 3/4-16 inch flare x adj O-ring boss	3
3	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
4	218-755	CAP - hex, 3/4-16 inch.....	1
5	31-1440	HOSE - to cylinder, upper left	1
6	31-2954	HOSE - to cylinder, upper right	1
7	A166318	HOSE - 1651 mm (65 inch) long, to cylinder tee, lower right.....	1
8	218-5242	TEE - 3/4-16 inch flare branch x flare x adj O-ring boss	1
9	237-6008	O-RING - 41/64 ID x 3/32 inch wide.....	1
10	218-1236	TEE - 3/4-16 inch flare branch x flare x bulkhead flare	1
13	218-1255	NUT - hex, lock, bulkhead, 3/4 inch NF.....	1
14	18-543	HOSE - to hydraulic coupler	1
15	218-485	ELBOW - 90 degree, 7/8-14 flare x 1/2 inch PT	1
16	1-7141	CARTRIDGE - coupler, remote	1
17	1-7142	CAP - dust, coupler, rubber.....	1
18	31-2997	HOSE - to return tube, prior to P.I.N. JEE0069665	1
18	31-3190	HOSE - to return tube, P.I.N. JEE0069665 and after	1
19	50-3416T2	TUBE - check valve to hydraulic tank	1
20	218-335	CAP - hex, 1-1/16-12 inch	1
21	50-3087T1	CONDUIT - hose protective, 1499 mm (59 inch) long, cut from S119717X bulk conduit, see below	1
22	22-824	STRAP - tie, 7 inch	3
26	515-23238	CLAMP - P-type, 15/16 inch ID	1
	S119717X	CONDUIT - bulk, 25 (1) ID x 4877 mm (192 inch) long.....UAR	



THREE POINT HITCH CONTROLS

Electronic Controlled

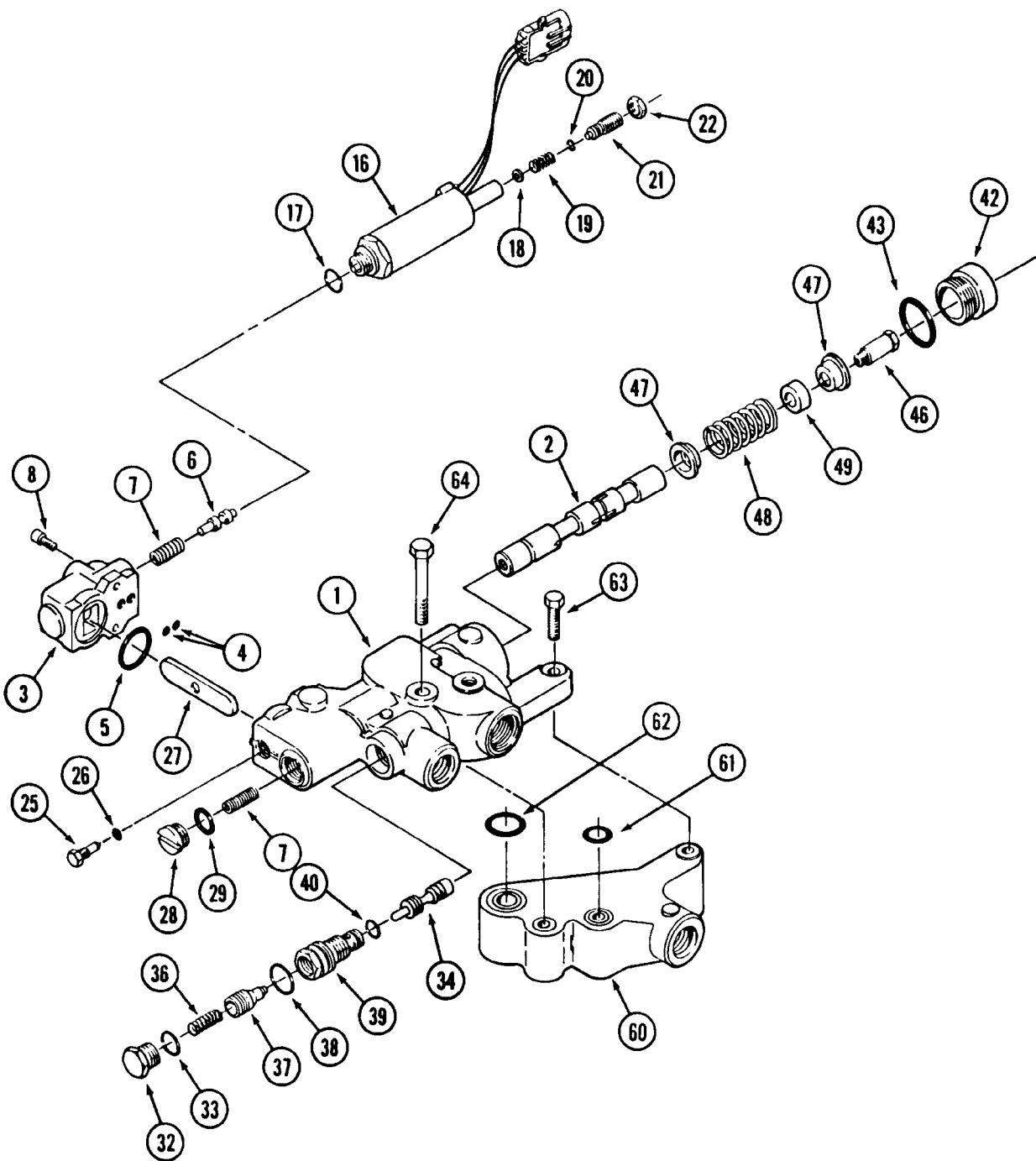
REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	PANEL - control console, see parts list page 9-57 through 9-63 for correct assembly and component parts.....	1
2	60-7018T1	SWITCH - rocker, hitch actuating	1
3	60-6152T1	BRACKET - mounting, lever	1
4	60-6794T1	LEVER - control rod.....	1
5	90-4367T1	BUSHING - pivot	2
7	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	1
8	19-5648	SPRING - Belleville, 1/2 inch.....	1
9	425-108	NUT - hex, 1/2 inch NC	1
10	60-4258T1	PLUG - hole, flow control access.....	3
14	60-2802T1	ROD - linkage, potentiometer actuating.....	1
15	60-2404T1	RETAINER - actuating rod.....	2
16	60-6172T2	ARM - actuating, potentiometer.....	1
17	178-801	SCREW - set, hex socket headless, No. 10 NC x 1/4 inch, cup point	1
20	122756A3	POTENTIOMETER - single, 1K, raise and lower	1
21	60-7116T1	BRACKET - adjusting, potentiometer	1
22	60-6155T1	NUT - potentiometer mounting	1
23	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	1
24	493-21026	WASHER - internal tooth lock, 1/4 inch.....	1
25	425-104	NUT - hex, 1/4 inch NC	1
27	D38662	RING - retainer, knob.....	1
28	60-4273T1	KNOB - lever	1
30	19-6113	BUSHING - nylon, split, flanged	1
31	60-6796T1	BRACKET - mounting, rod.....	1
32	60-4757T1	BRACKET - mounting, gear and rod	1
33	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	8
34	230-14409	NUT - hex, self-locking, No. 10 NC	9
35	19-5924	WASHER - spring, 1/4 inch	1
36	19-6129	BUSHING - split flange, 11/32 ID x 7/16 inch OD	3
37	60-6797T1	ROD - threaded, depth actuating.....	1
38	60-3950T1	INDICATOR - depth.....	1
39	60-3953T1	TAB - lever retainer	1
40	60-3957T1	KNOB - depth actuating.....	1
41	60-3949T1	ROD - gear actuating.....	1
42	60-4275T1	GEAR - matched set, depth actuating	1
43	432-616	PIN - cotter, 3/32 x 1 inch	2
44	A186061	POTENTIOMETER - electrical, lower rate.....	1
45	A186263	KNOB - lower rate	1
46	1964672C1	LIGHT - indicator, amber, 14 volt.....	1
48	60-7015T1	GAUGE - display, seven segment, replaced by 60-7222T1 gauge	1
48	60-7222T1	GAUGE - display, seven segment, replaces 60-7015T1 gauge	1
49	22-823	MOUNT - adhesive back, strap	UAR
50	22-824	STRAP - tie, 7 inch	UAR
61	60-6065T1	ANGLE - retaining, foam	2
62	231-1445	NUT - hex, self-locking, 5/16 inch NC	6
63	60-6066T1	SEAL - foam	2
64	60-7017T2	HARNESS - electronic depth control.....	1
65	60-3954T1	STRIP - wear, lever	1
66	60-4276T1	BRACKET - stiffener, console	1



9370, 9380, and 9390 Tractor
HITCH CYLINDER ASSEMBLY

8-93

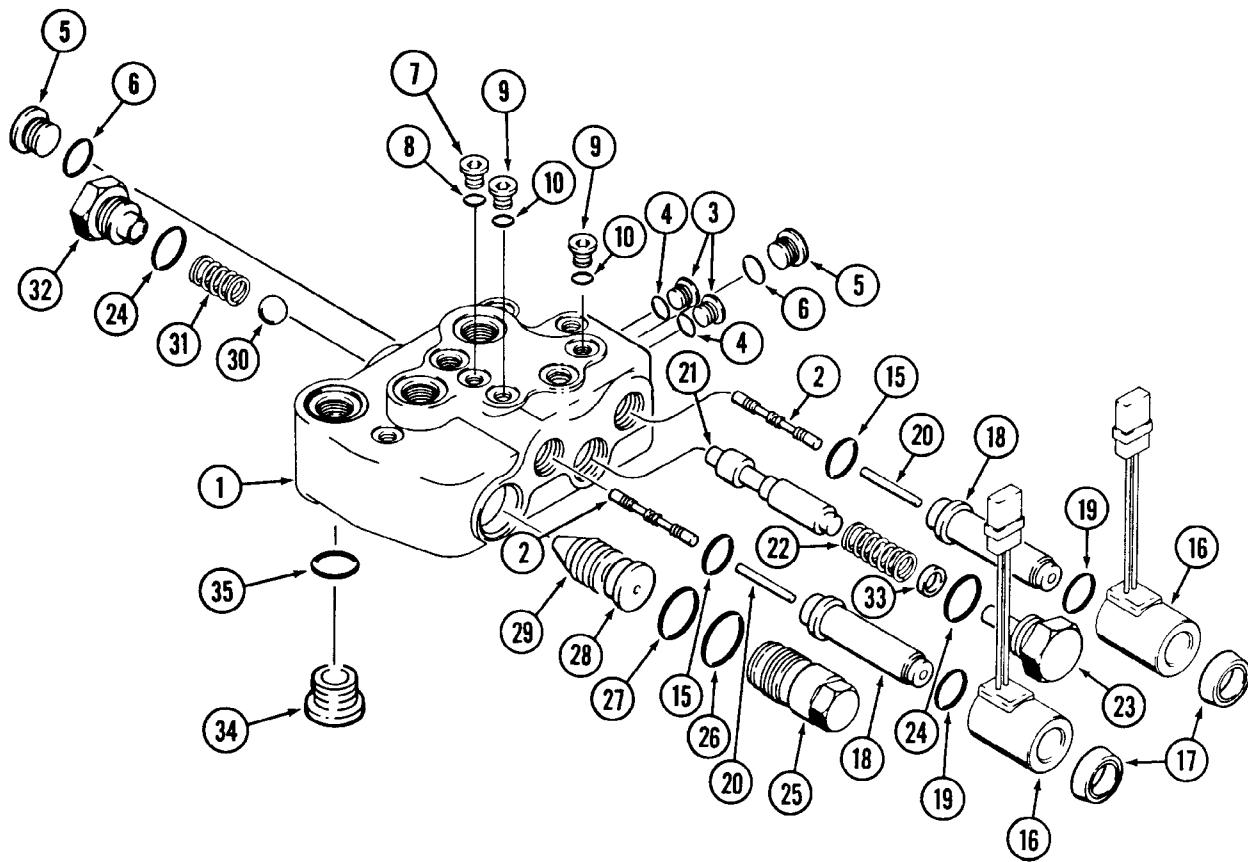
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3410T91	CYLINDER ASSEMBLY - hitch	2
1	50-3411T1	TUBE - cylinder	1
2	50-3408T1	ROD - piston	1
3	1-9815T1	PISTON - cylinder	1
4	50-1057T1	GUIDE - rod	1
5	19-5582	NUT - hex, self-locking, 1-1/4 inch NF	1
	50-3441T1	KIT - seal, cylinder repair, no longer available, order component parts separately	1
8	D95146	WIPER - piston rod	1
9	50-3600T1	SEAL - U-cup, piston rod, replaces G109228 seal	1
10	1-9853T1	WASHER - backup, O-ring	1
11	238-5350	O-RING - 4-5/8 ID x 3/16 inch wide	1
12	238-5218	O-RING - 1-1/4 ID x 1/8 inch wide	1
13	1-9855T1	RING - piston	1
14	1-9856T1	O-RING - piston	1
15	1-9854T1	RING - wear, piston	1
18	219-1	FITTING - grease, straight, 1/8 PT x 21/32 inch	1



9370, 9380, and 9390 Tractor
HITCH VALVE ASSEMBLY
Prior to P.I.N. JEE0069665
9370 and 9380 Only

8-95

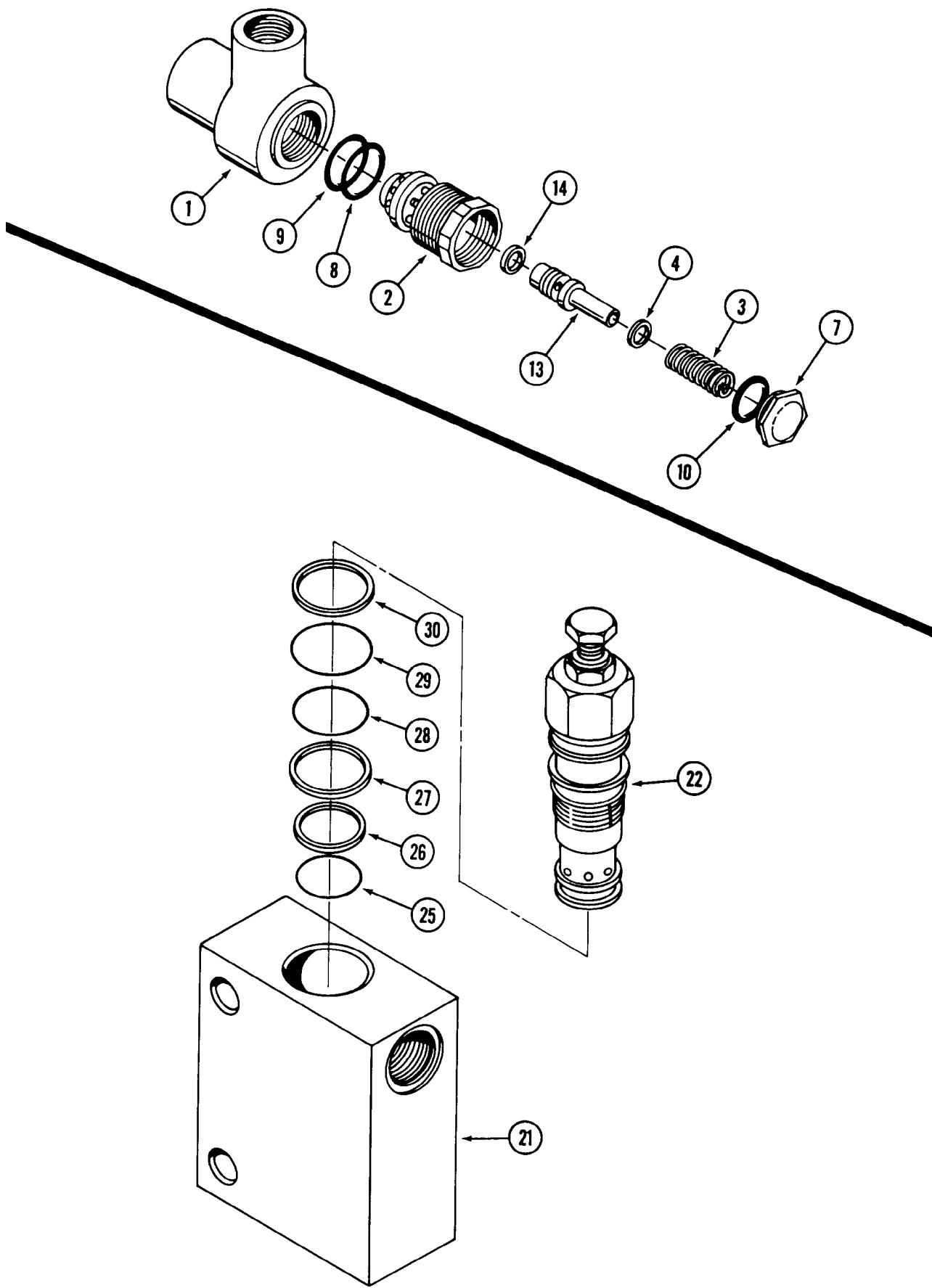
REF.	PART NO.	DESCRIPTION	REQ'D.
	50-3321T91	VALVE ASSEMBLY - control, three point hitch.....	1
	NSS	VALVE ASSEMBLY - hitch.....	1
1	NSS	BODY - valve	1
2	NSS	SPOOL - valve	1
	1986877C1	KIT - servo, solenoid.....	1
3	NSS	BODY - servo, solenoid.....	1
4	NSS	O-RING - 1/8 ID x 1/16 inch	2
5	NSS	O-RING - 1-3/16 ID x 1/16 inch.....	2
6	1971601C1	SPOOL - control	1
7	1971620C1	SPRING - pivot lever.....	2
8	1971618C1	SCREW - machine	2
	1346208C1	SOLENOID ASSEMBLY - hitch control valve.....	1
16	NSS	CORE - solenoid	1
17	NSS	O-RING - 5/8 ID x 13/16 inch	1
18	NSS	WASHER - flat.....	1
19	NSS	SPRING - solenoid	1
20	A47983	O-RING - 1/4 ID x 1/8 inch wide	1
21	NSS	PLUG - adjustment	1
22	NSS	NUT - hex lock.....	1
25	1971603C1	PLUG ASSEMBLY - pivot.....	1
26	1971604C1	O-RING - 15/64 ID x 1/16 inch wide	1
27	1971609C1	LEVER - pivot	1
28	1971614C1	PLUG ASSEMBLY - slotted	1
29	238-6115	O-RING - 11/16 ID x 3/32 inch wide	1
	1346209C1	KIT - lockout	1
32	NSS	PLUG ASSEMBLY - hex	1
33	A47983	O-RING - 1/4 ID x 1/8 inch wide	1
34	NSS	SPOOL - lockout	1
36	NSS	SPRING - lockout poppet	1
37	NSS	POPPET - lockout	1
38	NSS	O-RING - lockout housing	1
39	NSS	HOUSING - lockout	1
40	238-6113	O-RING - 9/16 ID x 3/32 inch wide	1
42	1971616C1	CAP ASSEMBLY - end	1
43	238-5125	O-RING - 1-5/16 ID x 3/32 inch wide	1
46	1971615C2	SCREW - spool	1
47	1971599C1	WASHER - special	2
48	1971621C1	SPRING - valve spool.....	1
49	1971619C1	SPACER - valve spool	1
60	50-3153T1	BLOCK - port	1
61	90-6019T1	O-RING - 27/64 ID x 7/64 inch wide	1
62	238-6218	O-RING - 1-1/4 ID x 1/8 inch wide	1
63	326-628	BOLT - hex, 3/8 NC x 1-3/4 inch, grade 8	1
64	326-656	BOLT - hex, 3/8 NC x 3-1/2 inch, grade 8	1



9370, 9380, and 9390 Tractor
HITCH VALVE ASSEMBLY
P.I.N. JEE0069665 and After

8-97

REF.	PART NO.	DESCRIPTION	REQ'D.
	246245A1	VALVE ASSEMBLY - control, hitch	1
1	NSS	BODY - valve	1
2	188104A1	SPOOL - pilot	2
3	218-5206	PLUG - hex socket, 3/8-24 inch O-ring boss	2
4	*237-6003	O-RING - 5/16 ID x 1/16 inch wide	2
5	218-5210	PLUG - hex socket, 3/4-16 inch O-ring boss	2
6	*237-6008	O-RING - 41/64 ID x 3/32 inch wide	2
7	218-5209	PLUG - hex socket, 9/16-18 inch O-ring boss	1
8	*237-6006	O-RING - 15/32 ID x 5/64 inch wide	1
9	218-5207	PLUG - hex socket, 7/16-20 inch O-ring boss	2
10	*237-6004	O-RING - 23/64 ID x 5/64 inch wide	2
15	*238-5114	O-RING - 5/8 ID x 3/32 inch wide	2
16	243254A1	KIT - solenoid, without diode, 12 volt, DC	2
17	188106A1	NUT - special, solenoid coil	2
18	188117A1	CORE - solenoid	2
19	*238-5017	O-RING - 11/16 ID x 1/16 inch wide	2
20	188116A1	PIN - solenoid actuating	2
21	NSS	SPOOL - meter in, main flow	1
22	NSS	SPRING - meter in, main flow	1
23	188110A1	PLUG - spool	1
24	*237-6010	O-RING - 3/4 ID x 3/32 inch wide	2
	243256A1	KIT - meter out	1
25	NSS	PLUG - meter out poppet	1
26	*238-5023	O-RING - 1-1/16 ID x 1/16 inch wide	1
27	*238-5022	O-RING - 1 ID x 1/16 inch wide	1
28	NSS	STEM - seviro, meter out	1
29	NSS	POPPET - meter out	1
30	511-10200	BALL - 20 mm, grade 28, chrome alloy steel, replaces 211-1011 ball	1
31	188114A1	SPRING - load check	1
32	188107A1	PLUG - check valve	1
33	NSS	SHIM - spring	UAR
34	218-5214	PLUG - hex socket, 1-5/16-12 inch O-ring boss	1
35	237-6016	O-RING - 1-11/64 ID x 7/64 inch wide	1
	*243253A1	KIT - seal repair, includes all items above marked with an asterisk	1



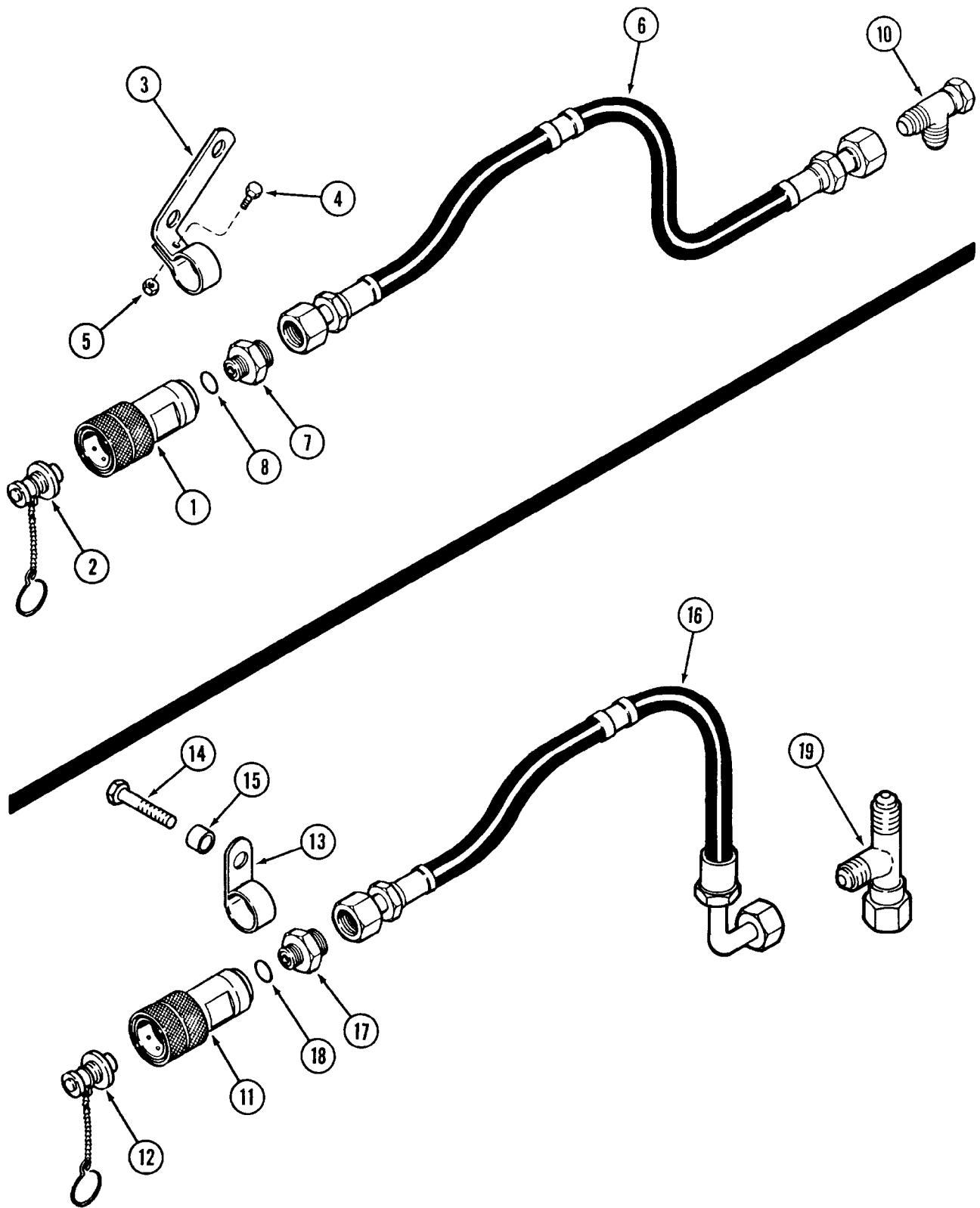
9370, 9380, and 9390 Tractor
THREE POINT HITCH RELIEF VALVE

8-99

REF.	PART NO.	DESCRIPTION	REQ'D.
	50-2291T91	VALVE ASSEMBLY - relief	1
1	NSS	HOUSING - valve	1
2	18-1703	CARTRIDGE - relief	1
3	1-4458	SPRING - poppet relief	1
4	D39712	SHIM - 0.254 mm (.01 inch) thick	UAR
7	D39716	CAP - circuit relief valve, replaces 18-923 cap	1
	18-1418	KIT - seal, valve	1
8	NSS	O-RING - seal	1
9	NSS	O-RING - seal	1
10	NSS	O-RING - seal	1
	18-1417	KIT - poppet, relief	1
13	NSS	POPPET - relief	1
14	NSS	RING - piston	1

THREE POINT HITCH PRESSURE REDUCING VALVE

21	50-3293T91	VALVE ASSEMBLY - pressure reducing	1
22	NSS	BODY - valve	1
22	50-2715T91	CARTRIDGE - pressure reducing	1
	50-2717T1	KIT - seal, cartridge	1
25	NSS	O-RING - seal	1
26	NSS	WASHER - backup	1
27	NSS	WASHER - backup	1
28	NSS	O-RING - seal	1
29	NSS	O-RING - seal	1
30	NSS	WASHER - backup	1



HYDRAULIC MOTOR OIL RETURN KIT**Prior to P.I.N. JEE0071001**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	1272400C1	COUPLER - self sealing, female	1
2	1954133C1	PLUG - coupling, dust	1
3	1289294C1	BRACKET - mounting, coupler.....	1
4	614-8020	BOLT - hex, full threads, 8 - 1.25 x 20 mm	1
5	825-1408	NUT - hex, 8 mm - 1.25	1
6	31-2256	HOSE - oil return	1
7	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss	1
8	237-6010	O-RING - 3/4 ID x 3/32 inch wide	1
10	218-5220	TEE - swivel, 7/8-14 inch flare branch x flare x swivel.....	1

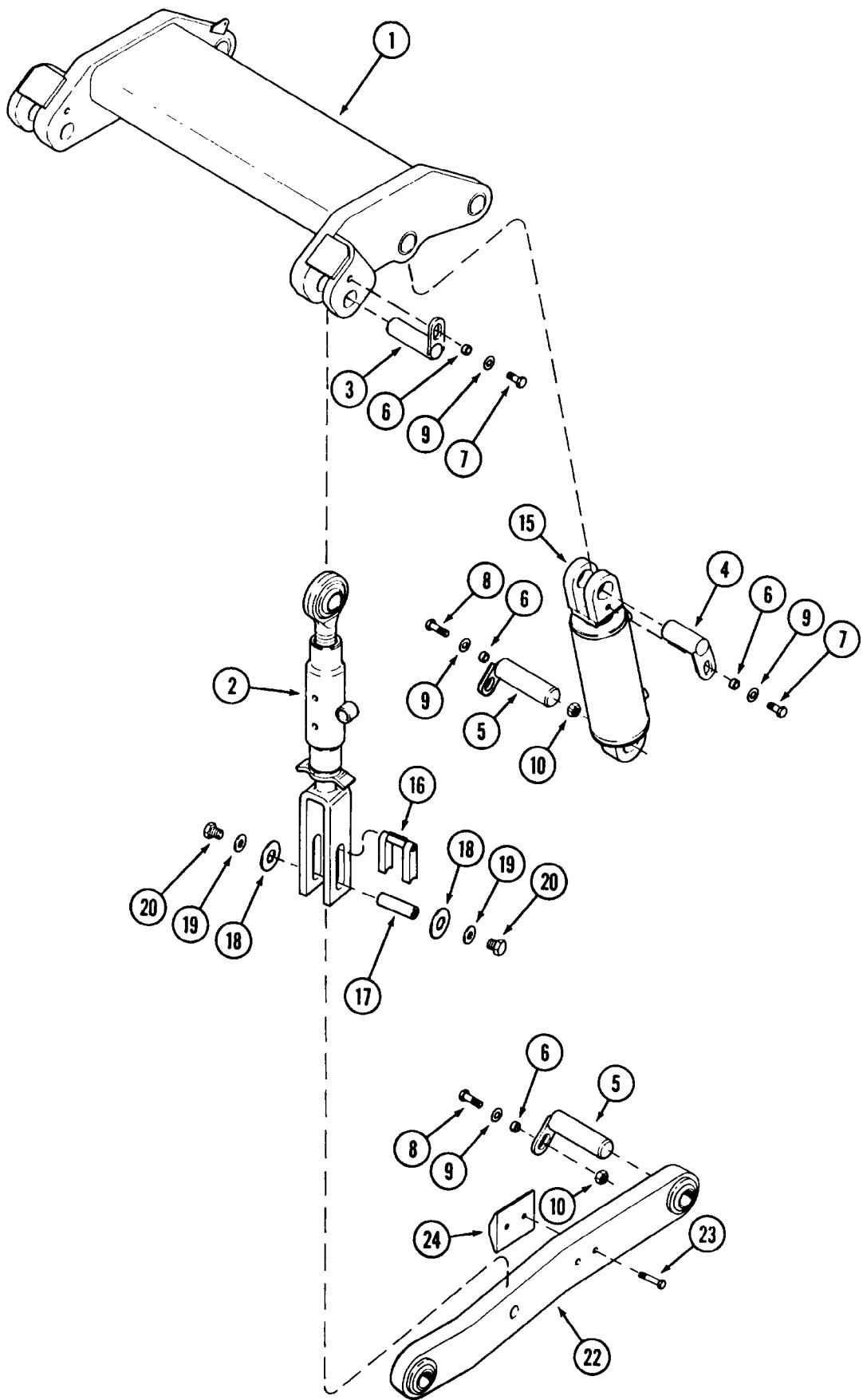
HYDRAULIC MOTOR OIL RETURN KIT**P.I.N. JEE0071001 and After**

11	1272400C1	COUPLER - self sealing, female	1
12	1954133C1	PLUG - coupling, dust	1
13	31-2361	CLAMP - P-type.....	1
14	426-688	BOLT - hex, 3/8 NC x 5-1/2 inch, grade 8	1
15	70-2806T1	SPACER - coupler.....	1
16	31-3214	HOSE - oil return	1
17	218-5062	ADAPTER - straight, 7/8-14 inch flare x O-ring boss.....	1
18	237-6010	O-RING - 3/4 ID x 3/32 inch wide.....	1
19	218-5220	TEE - swivel, 7/8-14 inch flare branch x flare x swivel.....	1

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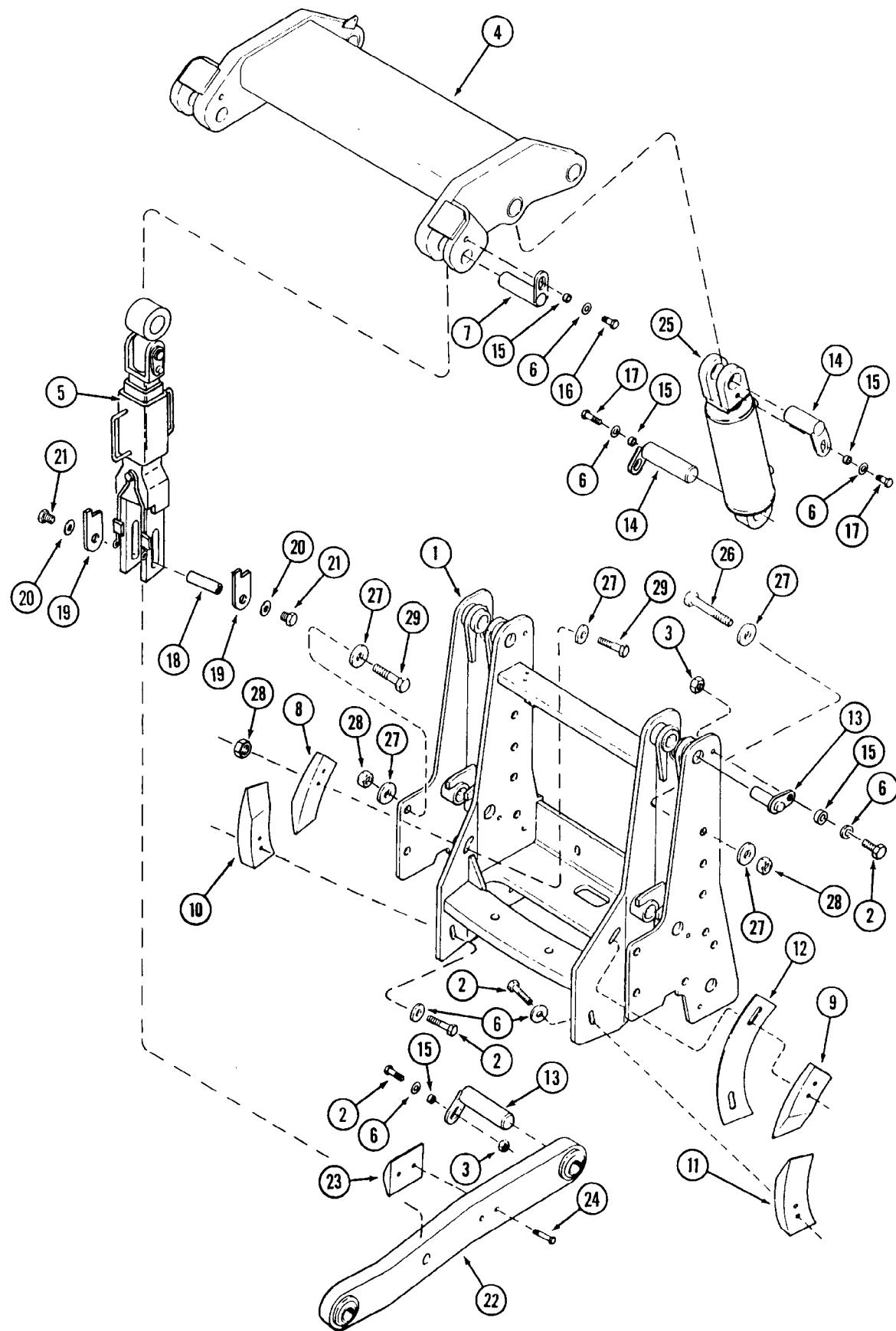


THREE POINT HITCH CYLINDERS AND LOWER LIFT ARMS

Prior to P.I.N. JEE0069308

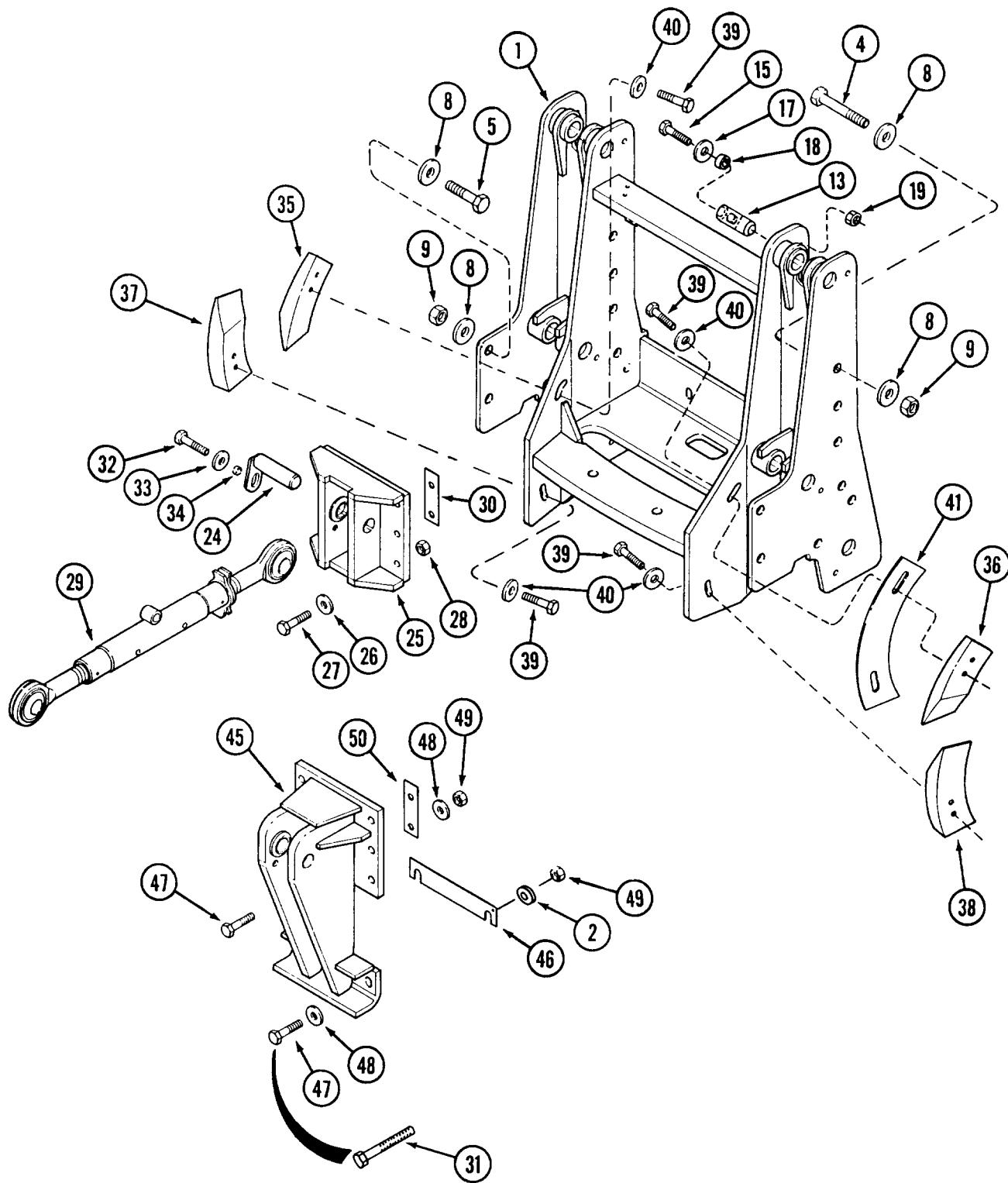
9370 and 9380 Only

REF.	PART NO.	DESCRIPTION	REQ'D.
1	70-6009T91	ROCKERSHAFT ASSEMBLY - hitch, parts list page 9-11	1
2	70-6468T91	LINK ASSEMBLY - lift, parts list page 9-13	2
3	70-6147T2	PIN - lift link, upper	2
4	70-5973T2	PIN - cylinder, upper	2
5	70-5972T2	PIN - cylinder lower and draft arm	4
6	70-5967T1	SPACER - pin	8
7	426-1020	BOLT - hex, 5/8 NC x 1-1/4 inch, grade 8	4
8	426-1032	BOLT - hex, 5/8 NC x 2 inch, grade 8	4
9	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	8
10	425-1010	NUT - hex, 5/8 inch NC	4
15	50-3410T91	CYLINDER ASSEMBLY - lift, parts list page 8-93	2
16	70-6458T91	BLOCK ASSEMBLY - clevis locking, three piece, parts list page 9-11	2
17	70-2059T1	PIN - lower	2
18	495-21138	WASHER - flat, 1-3/8 x 3 x 5/32 inch	4
19	495-21069	WASHER - flat, 11/16 x 1-3/4 x 9/64 inch	4
20	413-1012	BOLT - hex, 5/8 NC x 3/4 inch	4
22	70-6467T1	ARM - draft, lower link, lift	2
23	426-840	BOLT - hex, 1/2 NC x 2-1/2 inch, grade 8	4
24	279613A1	BLOCK - wear, replaces 70-6016T1 plate	2



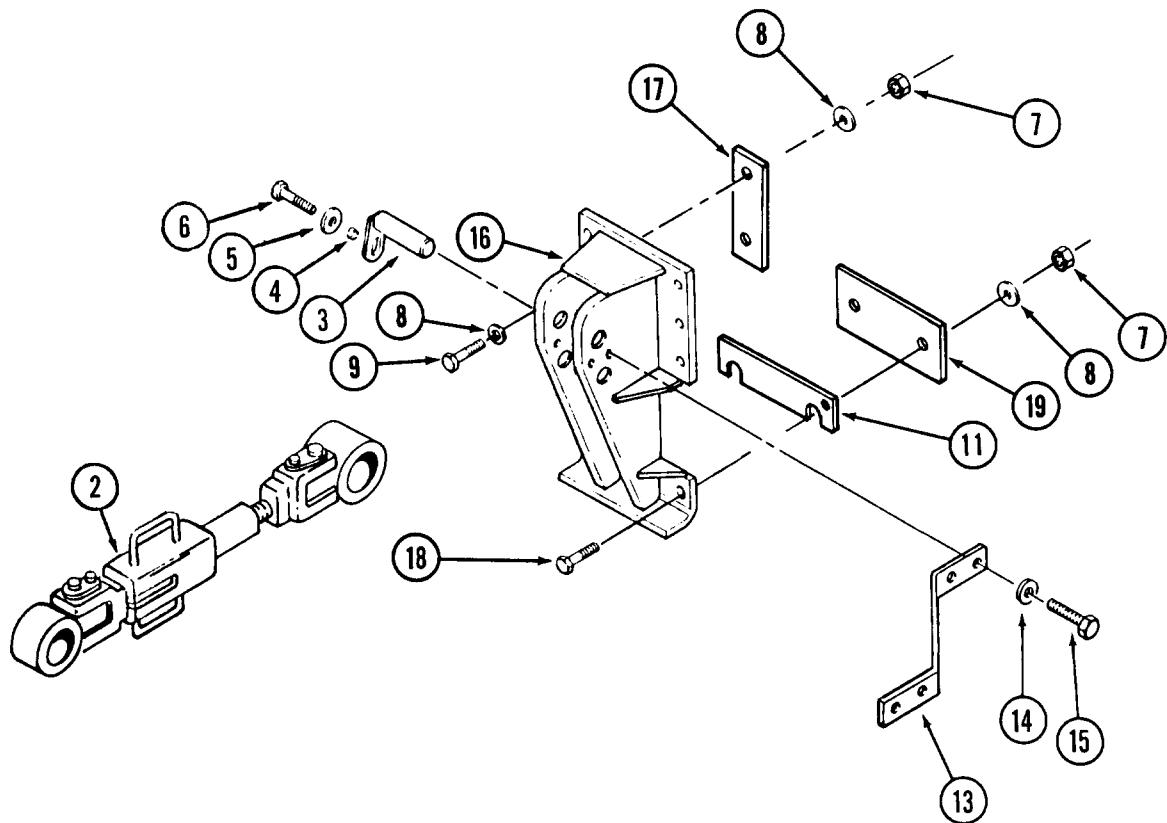
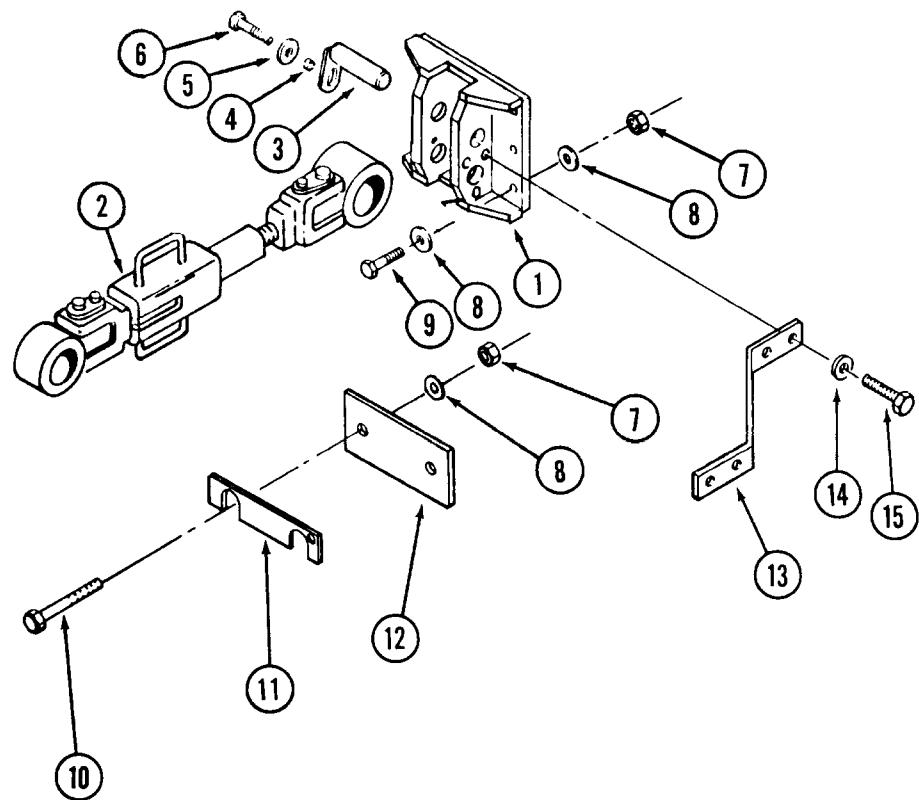
THREE POINT HITCH UPPER AND LOWER LINK MOUNTS
P.I.N. JEE0069308 and After

REF.	PART NO.	DESCRIPTION	REQ'D.
1	252653A1	MOUNT - rear frame, three point hitch	1
2	627-16050	BOLT - hex, full threads, 16 - 2.0 x 50 mm, class 10.9	14
3	829-1416	NUT - hex, 16 mm - 2.0, class 10	6
4	REF	ROCKERSHAFT ASSEMBLY - hitch, parts list page 9-11	1
5	253909A1	LINK ASSEMBLY - lift, parts list page 9-15	2
6	896-11016	WASHER - flat, 17.5 x 30 x 4 mm, hardened	18
7	70-6076T2	PIN - lift link, upper	2
8	279608A1	BLOCK - no sway, left-hand upper	1
9	279611A1	BLOCK - no sway, right-hand upper	1
10	279607A1	BLOCK - no sway, left-hand lower	1
11	279610A1	BLOCK - no sway, right-hand lower	1
12	70-6387T1	PLATE - sway block	2
13	70-5972T2	PIN - rockershaft	6
14	70-5973T2	PIN - cylinder, upper	2
15	70-5967T1	SPACER - pin	10
16	627-16035	BOLT - hex, full threads, 16 - 2.0 x 35 mm, class 10.9	2
17	426-1020	BOLT - hex, 5/8 NC x 1-1/4 inch, grade 8	2
18	253900A1	PIN - lower, draft arm	2
19	253901A1	PLATE - lockout	4
20	495-21069	WASHER - flat, 11/16 x 1-3/4 x 9/64 inch	4
21	627-16030	BOLT - hex, full threads, 16 - 2.0 x 30 mm, class 10.9	4
22	278604A1	ARM - draft, lower link	2
23	279613A1	BLOCK - wear	2
24	827-12065	BOLT - hex, 12 - 1.75 x 65 mm, class 10.9	4
25	50-3410T91	CYLINDER ASSEMBLY - lift, parts list page 8-93	2
26	827-24250	BOLT - hex, 24 - 3.0 x 250 mm, class 10.9	10
27	896-11024	WASHER - flat, 26 x 44 x 5 mm, hardened	32
28	829-1424	NUT - hex, 24 mm - 3.0, class 10.9	16
29	627-24070	BOLT - hex, full threads, 24 - 3.0 x 70 mm, class 10.9	6



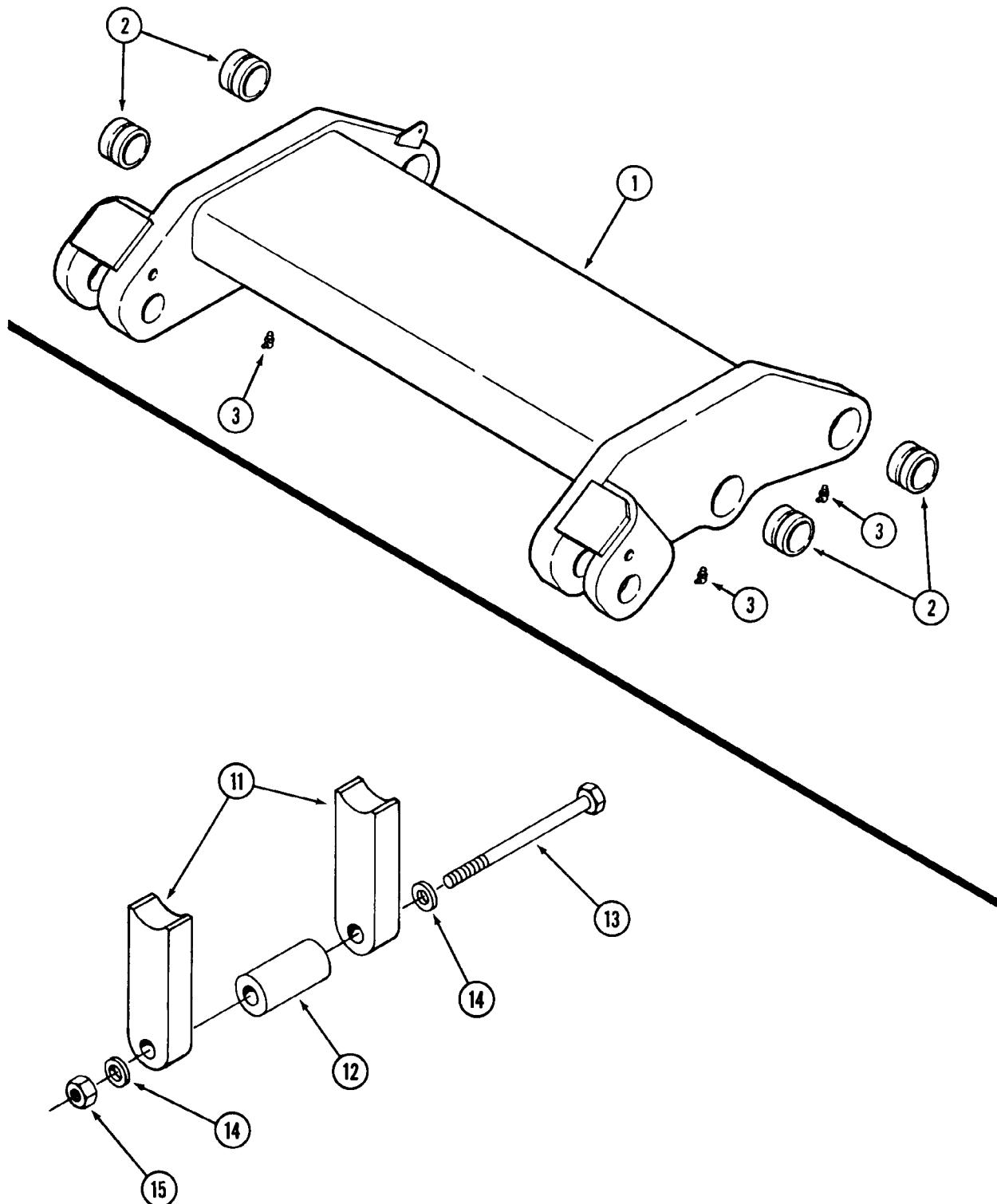
THREE POINT HITCH UPPER AND LOWER LINK MOUNTS**Prior to P.I.N. JEE0069308****9370 and 9380 Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	70-5991T2	MOUNT - rear frame, three point hitch	1
2	496-31081	WASHER - flat, 13/16 x 1-1/2 x 7/32 inch, hardened, with PTO	2
4	90-7493T1	BOLT - hex, 1 NC x 10 inch.....	10
5	426-1640	BOLT - hex, 1 NC x 2-1/2 inch, grade 8	6
8	496-21106	WASHER - flat, 1-1/16 x 2 x 13/64 inch, hardened	32
9	429-1016	NUT - hex, 1 inch NC, grade 8	16
13	70-5972T2	PIN - rockershaft	2
15	426-1032	BOLT - hex, 5/8 NC x 2 inch, grade 8	2
17	495-11066	WASHER - flat, 21/32 x 1-5/16 x 3/32 inch	2
18	70-5967T1	SPACER - pin	2
19	425-1010	NUT - hex, 5/8 inch NC	2
24	70-6147T2	PIN - upper	1
25	70-6022T1	MOUNT - upper link, with PTO	1
26	496-11081	WASHER - flat, 13/16 x 1-1/2 x 9/64 inch, hardened	6
27	426-12144	BOLT - hex, 3/4 NC x 9 inch, grade 8	6
28	425-1012	NUT - hex, 3/4 inch NC	6
29	70-6473T91	LINK ASSEMBLY - upper, parts list page 9-13	1
30	70-6406T1	PLATE - shim	2
31	426-12120	BOLT - hex, 3/4 NC x 7-1/2 inch, grade 8, with PTO.....	2
32	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	1
33	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	1
34	70-5967T1	SPACER - pin	1
35	70-6096T1	BLOCK - no sway, left-hand upper	1
36	70-6018T1	BLOCK - no sway, right-hand upper	1
37	70-6098T1	BLOCK - no sway, left-hand lower	1
38	70-6020T1	BLOCK - no sway, right-hand lower	1
39	426-1032	BOLT - hex, 5/8 NC x 2 inch, grade 8	8
40	495-11066	WASHER - flat, 21/32 x 1-5/16 x 3/32 inch	8
41	70-6387T1	PLATE - sway block	2
45	70-6025T3	MOUNT - upper link, without PTO	1
46	70-6405T1	SHIM - mounting	2
47	426-1248	BOLT - hex, 3/4 NC x 3 inch, grade 8, without PTO	8
48	496-11081	WASHER - flat, 13/16 x 1-1/2 x 9/64 inch, hardened	10
49	425-1012	NUT - hex, 3/4 inch NC	8
50	70-6406T1	PLATE - shim	2



9370, 9380, and 9390 Tractor
THREE POINT HITCH LINKAGE
P.I.N. JEE0069308 and After

REF.	PART NO.	DESCRIPTION	REQ'D.
1	253673A1	MOUNT - upper link, with PTO	1
2	253908A1	LINK ASSEMBLY - upper, parts list page 9-15	1
3	70-6232T2	PIN - link retaining, upper link	1
4	70-5967T1	SPACER - pin	1
5	896-11016	WASHER - flat, 17.5 x 30 x 4 mm, hardened	1
6	627-16035	BOLT - hex, full threads, 16 - 2.0 x 35 mm, class 10.9	1
7	829-1420	NUT - hex, 20 mm - 2.5, class 10	8
8	896-11020	WASHER - flat, 22 x 37 x 4 mm, hardened	14
9	827-20220	BOLT - hex, 20 - 2.5 x 220 mm, class 10.9	6
10	827-20190	BOLT - hex, 20 - 2.5 x 190 mm, class 10.9	2
11	70-6405T1	SHIM - mounting	2
12	70-6905T1	PLATE - mounting, with PTO	1
13	50-3636T1	BRACKET - coupler	2
14	895-11010	WASHER - flat, 11 x 20 x 2 mm	4
15	627-10035	BOLT - hex, full threads, 10 - 1.5 x 35 mm, class 10.9	4
16	253672A1	MOUNT - upper link, without PTO	1
17	70-6406T1	PLATE - mounting, without PTO	2
18	827-20080	BOLT - hex, 20 - 2.5 x 80 mm, class 10.9	8
19	70-6904T1	PLATE - mounting, without PTO	1



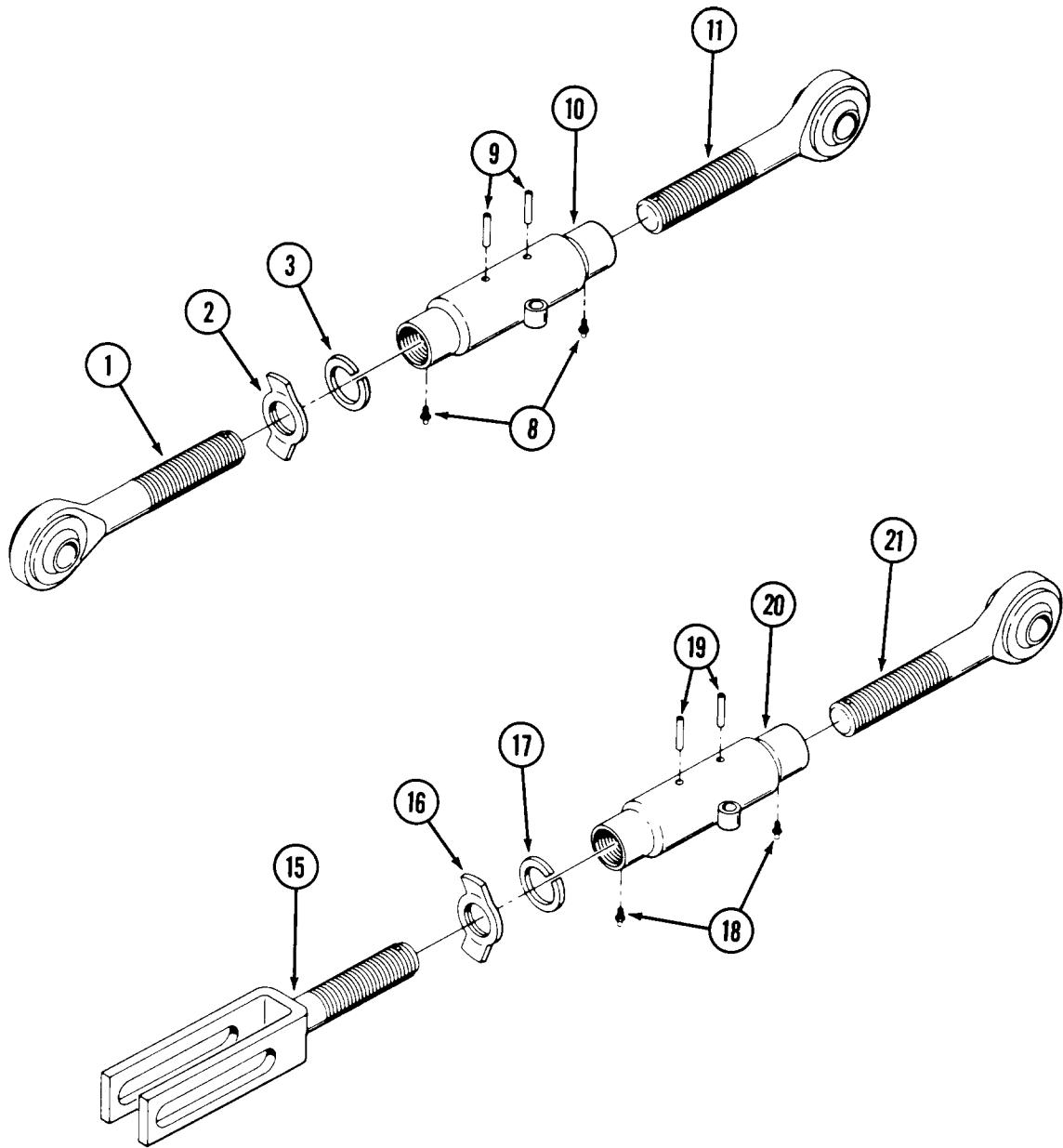
THREE POINT HITCH ROCKERSHAFT**Prior to P.I.N. JEE0069308****9370 and 9380 Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
	70-6009T91	ROCKERSHAFT ASSEMBLY - hitch, no longer available, order component parts separately	1
1	70-6010T1	ROCKERSHAFT - hitch	1
2	70-5966T2	BUSHING - pivot, rockershaft	4
3	219-55	FITTING - grease, 90 degree, 1/8 PT x 27/32 inch	4

THREE POINT HITCH ROCKERSHAFT**P.I.N. JEE0069308 and After**

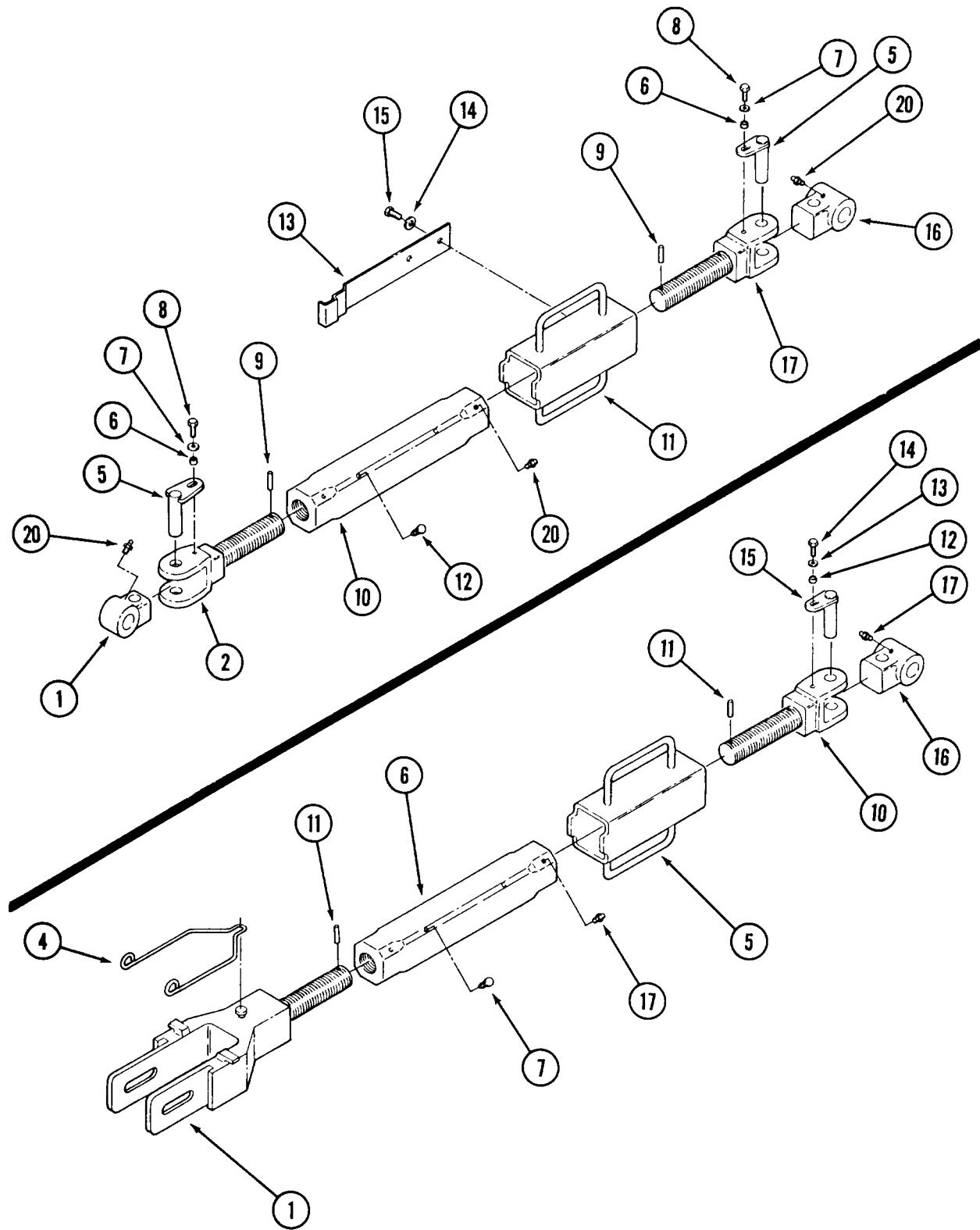
	252909A1	ROCKERSHAFT ASSEMBLY - hitch	1
1	252908A1	ROCKERSHAFT - hitch	1
2	70-5966T2	BUSHING - pivot, rockershaft	4
3	219-55	FITTING - grease, 90 degree, 1/8 PT x 27/32 inch	4

11	70-6458T91	BLOCK ASSEMBLY - clevis locking, three piece	2
12	NSS	CLEVIS - locking block	2
13	70-6459T1	SPACER - clevis	1
14	426-672	BOLT - hex, 3/8 NC x 4-1/2 inch, grade 8	1
15	496-41041	WASHER - flat, 13/32 x 1-1/8 x 9/64 inch, hardened	2
	231-1446	NUT - hex, self-locking, 3/8 inch NC	1



THREE POINT HITCH LIFT LINKS**Prior to P.I.N. JEE0069308****9370 and 9380 Only**

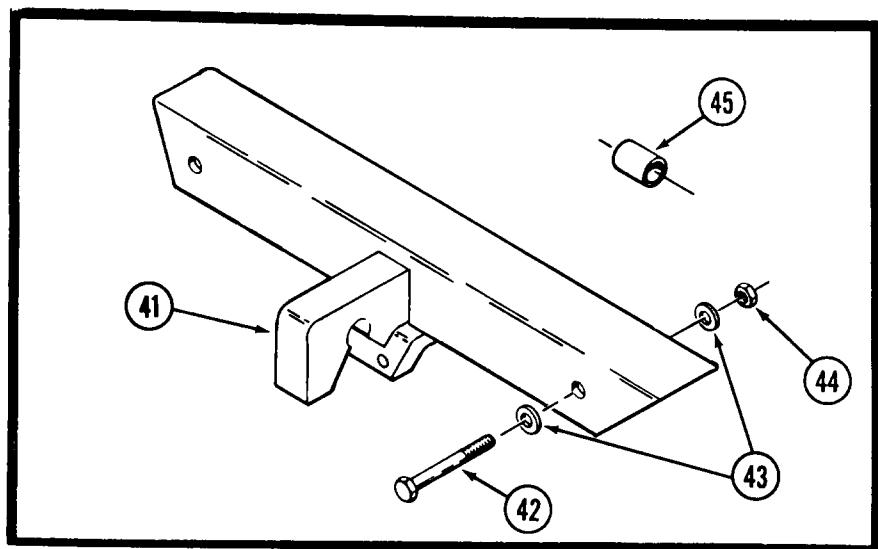
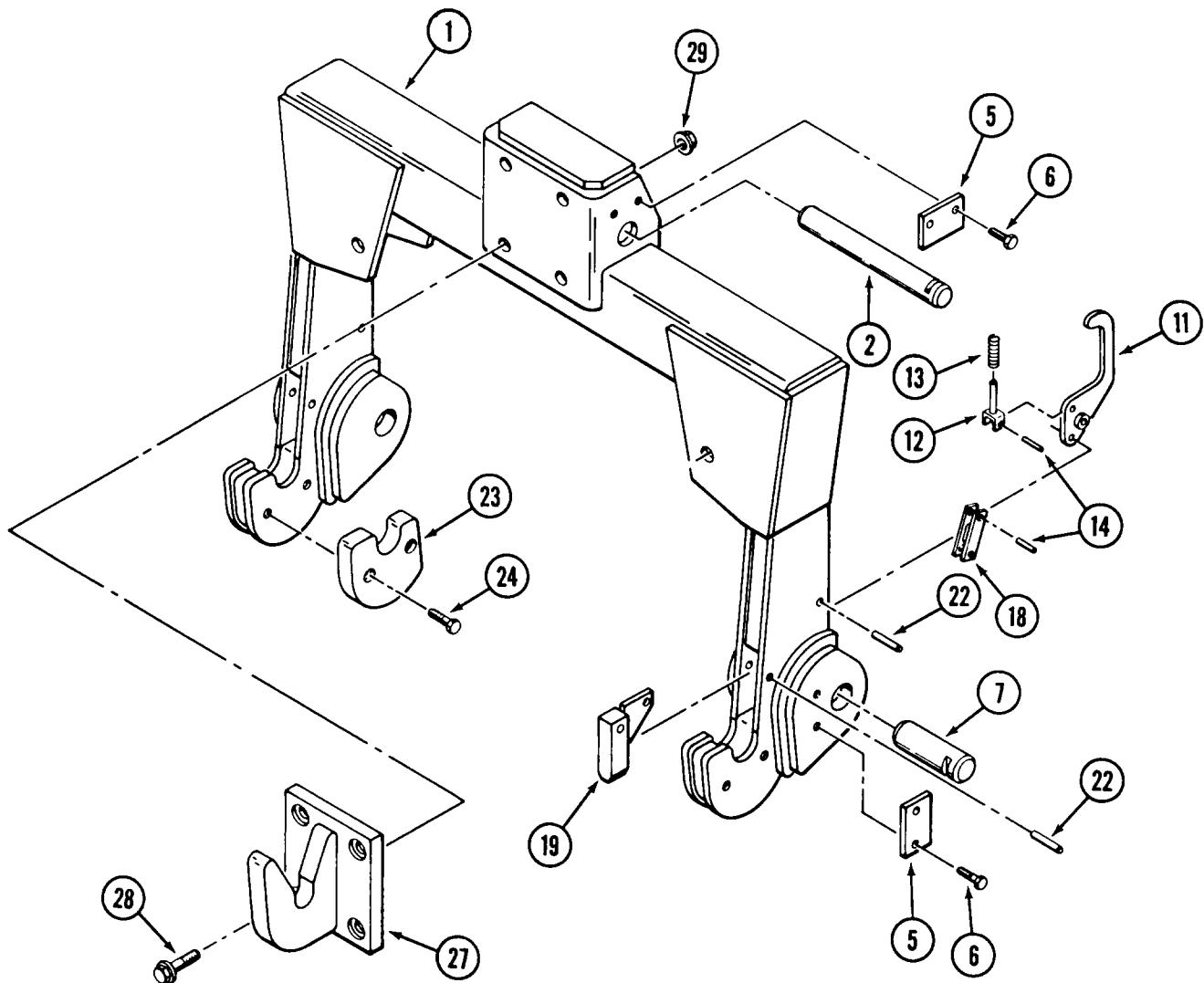
REF.	PART NO.	DESCRIPTION	REQ'D.
	70-6473T91	LINK ASSEMBLY - upper	1
1	70-6474T1	ROD - ball, right-hand thread	1
2	70-6470T1	NUT - wing, locking	1
3	19-6098	WASHER - lock, 2 inch	1
8	219-1	FITTING - grease, straight, 1/8 PT x 21/32 inch	2
9	38-11632	PIN - roll, 1/4 x 2 inch	2
10	70-6475T1	TUBE - link, upper	1
11	70-6472T1	ROD - ball end, left-hand thread	1
	70-6468T91	LINK ASSEMBLY - lift	2
15	NSS	CLEVIS - lift link, right-hand thread	1
16	70-6470T1	NUT - wing, locking	1
17	19-6098	WASHER - lock, 2 inch	1
18	219-1	FITTING - grease, straight, 1/8 PT x 21/32 inch	2
19	38-11632	PIN - roll, 1/4 x 2 inch	2
20	70-6471T1	TUBE - link, lift	1
21	70-6472T1	ROD - ball end, left-hand thread	1



9370, 9380, and 9390 Tractor
THREE POINT HITCH LIFT LINKS
P.I.N. JEE0069308 and After

9-15

REF.	PART NO.	DESCRIPTION	REQ'D.
	253908A1	LINK ASSEMBLY - upper	1
1	258946A1	KNUCKLE - link, left-hand side	1
2	279050A1	LINK ASSEMBLY - U-joint, left-hand side	1
5	70-6013T2	PIN - pivot, knuckle	2
6	70-5967T1	SPACER - pin	2
7	896-11016	WASHER - flat, 17.5 x 30 x 4 mm, hardened	2
8	627-16035	BOLT - hex, full threads, 16 - 2.0 x 35 mm, class 10.9	2
9	838-3655	PIN - roll, 6 x 55 mm	2
10	258550A1	TURNBUCKLE - linkage	1
11	283052A1	LOCK - upper link	1
12	295004A1	PLUG - turnbuckle	4
13	282523A1	LOCK - anti-rotation	1
14	895-11008	WASHER - flat, 9 x 17 x 1.6 mm	2
15	627-8012	BOLT - hex, full threads, 8 - 1.25 x 12 mm, class 10.9	2
16	253894A1	KNUCKLE - link, right-hand thread	1
17	279051A1	LINK ASSEMBLY - U-joint, right-hand thread	1
20	219-8	FITTING - grease, straight, 1/4-28 taper x 17/32 inch	6
	253909A2	LINK ASSEMBLY - lift	2
1	279052A1	LINK ASSEMBLY - clevis	1
4	259472A1	SPRING - lock	1
5	258552A1	LOCK - anti-rotation	1
6	258550A1	TURNBUCKLE - linkage	1
7	295004A1	PLUG - turnbuckle	4
10	279051A1	LINK ASSEMBLY - U-joint, right-hand	1
11	838-3655	PIN - roll, 6 x 55 mm	2
12	70-5967T1	SPACER - pin	1
13	896-11016	WASHER - flat, 17.5 x 30 x 4 mm, hardened	1
14	627-16035	BOLT - hex, full threads, 16 - 2.0 x 35 mm, class 10.9	1
15	70-6013T2	PIN - pivot, knuckle	1
16	253894A1	KNUCKLE - link, lift	1
17	219-8	FITTING - grease, straight, 1/4-28 taper x 17/32 inch	4

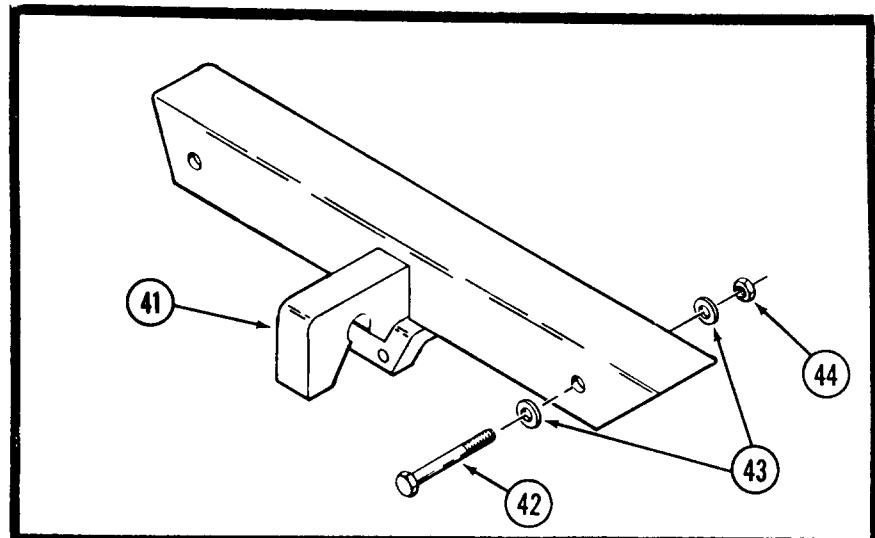
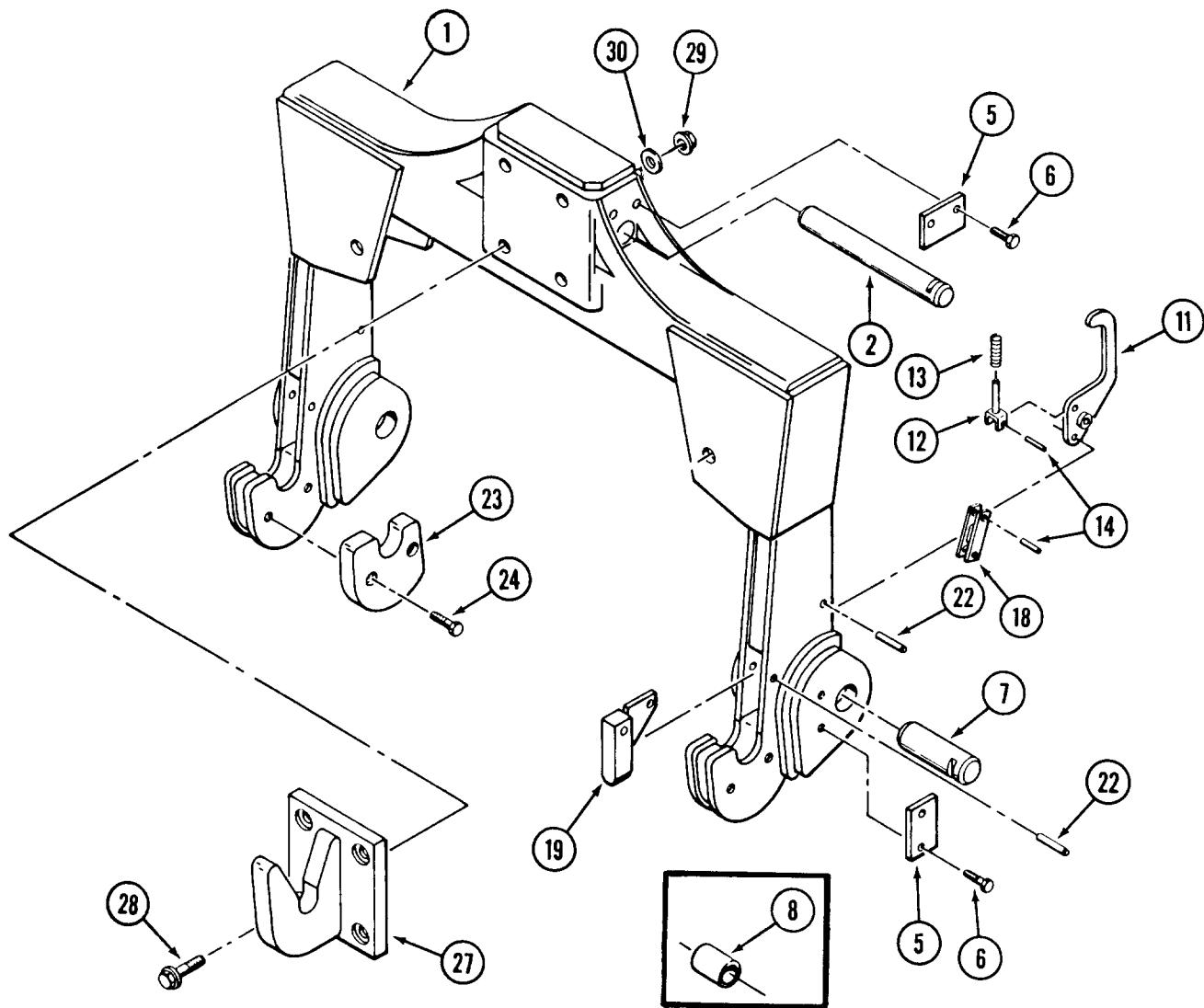


QUICK HITCH COUPLER**Category IV-Narrow****Prior to P.I.N. JEE0069308****9370 and 9380 Only**

REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1470T91	KIT - quick hitch coupler, order from Machinery Price List	1
1	281462A1	HITCH - quick attachment, replaces 70-1919T2 hitch.....	1
2	70-1895T1	PIN - hitch, upper	1
5	70-3082T2	BLOCK - pin retaining	3
6	426-816	BOLT - hex, 1/2 NC x 1 inch, grade 8	6
7	70-1894T1	PIN - hitch, lower	2
11	70-1880T1	HANDLE - hitch release	2
12	70-1884T1	LINK - spring return	2
13	2-4345T1	SPRING - return, handle	2
14	9416325	PIN - roll, 5/16 x 1-1/8 inch.....	6
18	70-1887T1	LINKAGE - connecting, handle to catch.....	2
19	70-1890T2	CATCH - hitch release	2
22	38-33240	PIN - roll, 1/2 x 2-1/2 inch.....	4
23	70-1920T1	CAP - spacer, right-hand	1
23	70-1921T1	CAP - spacer, left-hand	1
24	413-824	BOLT - hex, 1/2 NC x 1-1/2 inch	4
27	70-1869T1	HOOK - quick attachment	1
28	19-5787	BOLT - flange, 3/4 NC x 2-1/2 inch, grade 8	4
29	131-935	NUT - hex flange, 3/4 inch NC	4

CATEGORY III CONVERSION KIT**9370 and 9380 Only**

	35-1376T91	KIT - conversion, no longer available, order component parts separately.....	1
41	70-1913T1	HOOK - quick attachment	1
42	326-16120	BOLT - hex, 1 NC x 7-1/2 inch, grade 8.....	2
43	19-5739	WASHER - flat, special	4
44	425-1016	NUT - hex, 1 inch NC	2
45	2-5306T1	SPACER - conversion	2



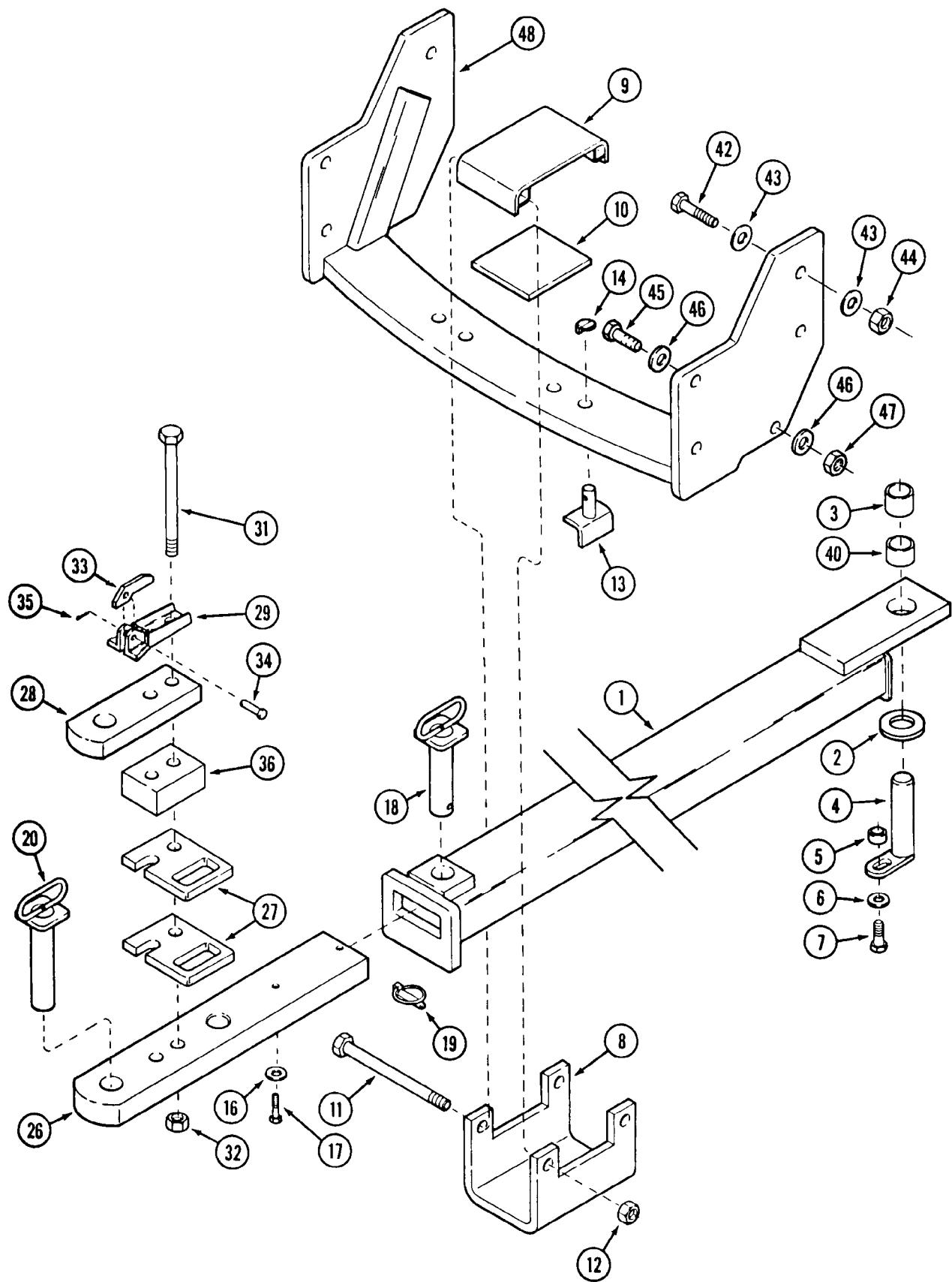
9370, 9380, and 9390 Tractor
QUICK HITCH COUPLER
Category IV-Narrow
P.I.N. JEE0069308 and After

9-19

REF.	PART NO.	DESCRIPTION	REQ'D.
	186104A1	KIT - quick hitch coupler, order from Machinery Price List	1
1	281462A1	HITCH - quick attachment	1
2	70-1895T1	PIN - hitch, upper	1
5	70-3082T2	BLOCK - pin retaining	3
6	426-816	BOLT - hex, 1/2 NC x 1 inch, grade 8	6
7	70-1894T1	PIN - hitch, lower	2
8	2-5306T1	SPACER - conversion	2
11	70-1880T1	HANDLE - hitch release	2
12	70-1884T1	LINK - spring return	2
13	2-4345T1	SPRING - return, handle	2
14	38-32018	PIN - roll, 5/16 x 1-1/8 inch	6
18	70-1887T1	LINKAGE - connecting, handle to catch	2
19	70-1890T2	CATCH - hitch release	2
22	38-33240	PIN - roll, 1/2 x 2-1/2 inch	4
23	70-1920T1	CAP - spacer, right-hand	1
23	70-1921T1	CAP - spacer, left-hand	1
24	426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	4
27	70-1869T1	HOOK - quick attachment	1
28	460-1240	BOLT - hex flange, 3/4 NC x 2-1/2 inch, grade 8	4
29	232-41112	NUT - hex, self-locking, 3/4 inch NC	4
30	495-11081	WASHER - flat, 13/16 x 1-15/32 x 1/8 inch	4

Category III Conversion Kit

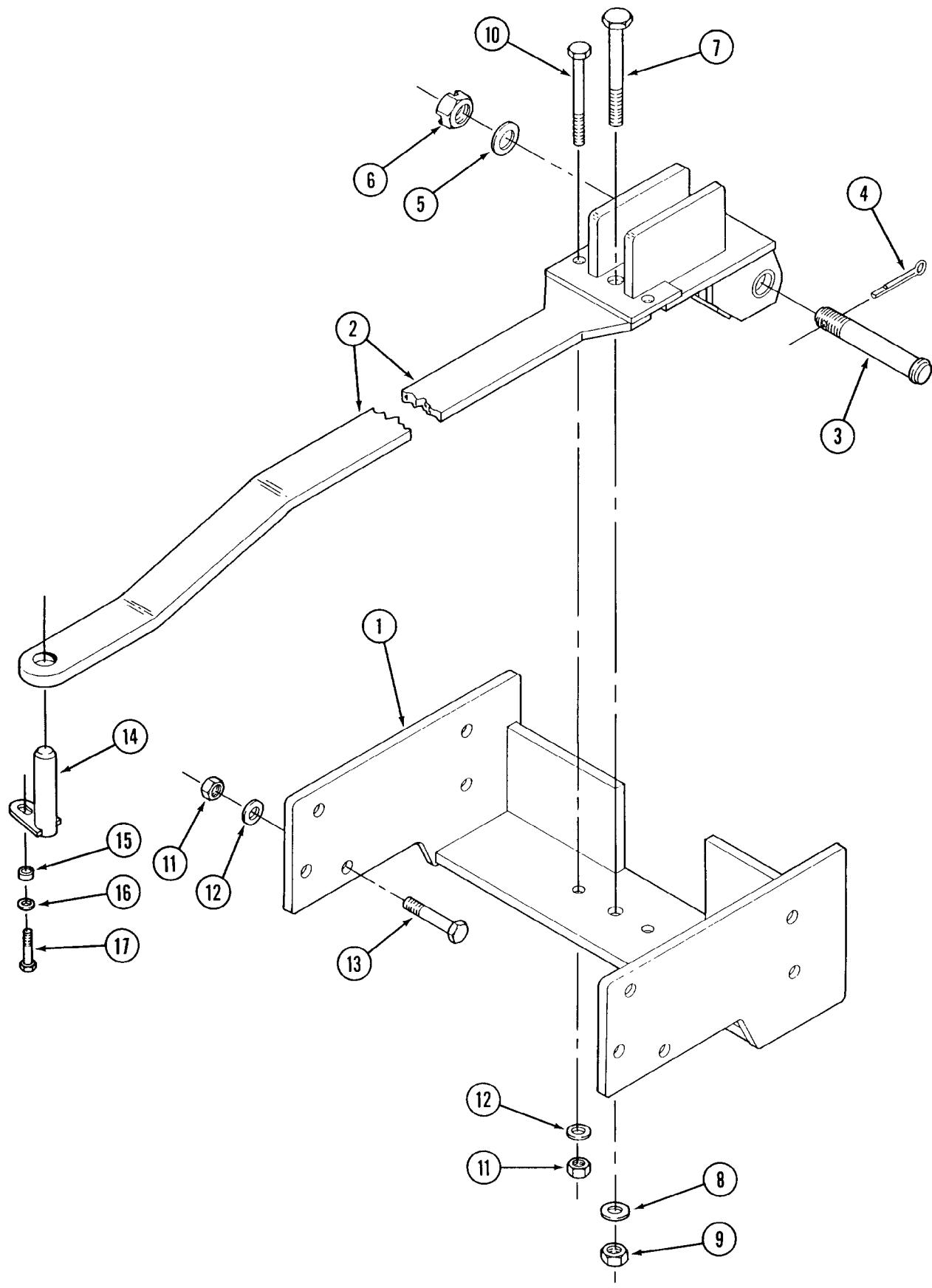
41	70-1913T1	HOOK - quick attachment	1
42	426-16120	BOLT - hex, 1 NC x 7-1/2 inch, grade 8	2
43	326-16120	BOLT - hex, 1 NC x 7-1/2 inch, grade 8	4
44	425-1016	NUT - hex, 1 inch NC	2



DRAWBAR
Extendable
(if used)

REF.	PART NO.	DESCRIPTION	REQ'D.
1	70-6267T1	TUBE - receiver, drawbar, prior to P.I.N. JEE0071001	1
1	70-6898T1	TUBE - receiver, drawbar, P.I.N. JEE0071001 and after	1
2	1-4088	WASHER - flat, 1-3/4 x 2-3/4 x 1/4 inch	1
3	70-5915T2	SPACER - connecting link	1
4	70-6076T2	PIN - drawbar	1
5	70-5967T1	SPACER - pin	1
6	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	1
7	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	1
8	70-4516T1	YOKES - cradle, drawbar	1
9	70-4555T1	COVER - retaining, slide	1
10	70-4513T2	SLIDER - plastic, drawbar	1
11	90-7494T1	BOLT - hex, special, 1 NC x 9-1/4 inch	2
12	425-1016	NUT - hex, 1 inch NC	2
13	70-1937T2	PIN - retaining	2
14	517758R91	PIN - klik, locking	2
16	495-21069	WASHER - flat, 11/16 x 1-3/4 x 9/64 inch	5
17	426-1020	BOLT - hex, 5/8 NC x 1-1/4 inch, grade 8	2
18	70-1731T1	PIN - drawbar retaining	1
19	19-1041	PIN - klik, locking	1
20	70-1735T1	PIN - drawbar pull	1
26	70-6913T1	DRAWBAR - extendable, hardened	1
27	70-6263T2	PLATE - spacer block	2
28	70-6265T1	PLATE - hammerstrap	1
29	70-6249T1	LATCH - mount	1
31	90-7494T1	BOLT - hex, special, 1 NC x 9-1/4 inch	2
32	425-1016	NUT - hex, 1 inch NC	2
33	1965315C2	LEVER - hammerstrap	1
34	527-204	PIN - clevis, 10 x 43 mm	1
35	432-816	PIN - cotter, 1/8 x 1 inch	1
36	70-6264T2	BLOCK - spacer, 1-1/2 inch thick	1
40	70-4620T2	BUSHING - drawbar	1
41	*70-6099T3	HANGER - drawbar, prior to P.I.N. JEE0071001, not shown	1
42	426-1648	BOLT - hex, 1 NC x 3 inch, grade 8	10
43	19-5739	WASHER - flat, special	20
44	425-1016	NUT - hex, 1 inch NC	10
45	426-1640	BOLT - hex, 1 NC x 2-1/2 inch, grade 8, use with 223274A1 hanger, item 48	4
46	496-21106	WASHER - flat, 1-1/16 x 2 x 13/64 inch, hardened, use with 223274A1 hanger, item 48	20
47	429-1016	NUT - hex, 1 inch NC, grade 8, use with 223274A1 hanger, item 48	10
48	*223274A1	HANGER - drawbar, P.I.N. JEE0071001 and after	1

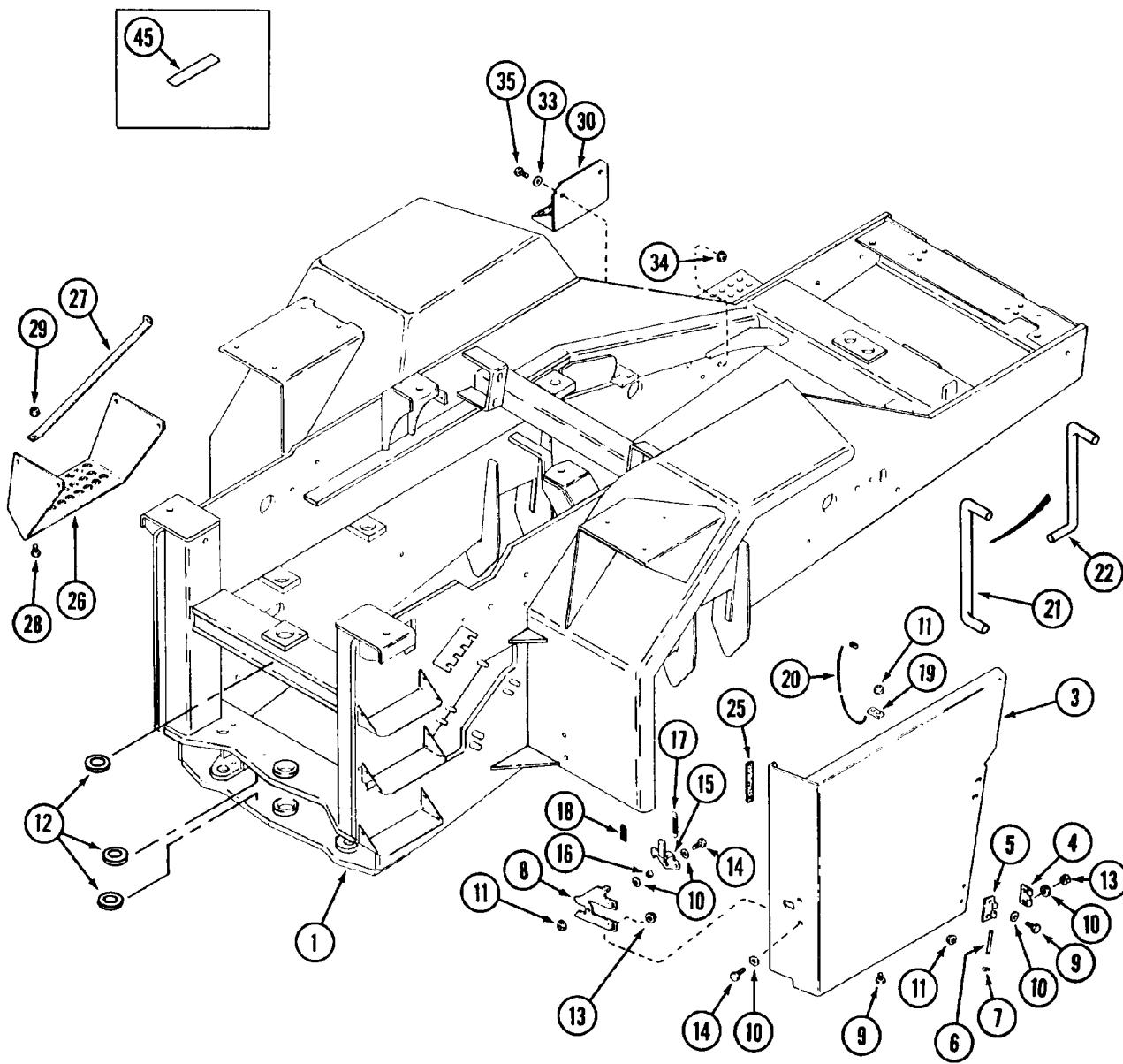
***NOTE:** If ordering 70-6099T3 hanger, prior to P.I.N. JEE0069308 item 41, the following will need to be supplied (1) 223274A1 hanger, P.I.N. JEE0069308 and after, item 48 and (1) 70-6906T1 yoke, not shown.



DRAWBAR**Reynolds
(If used)**

REF.	PART NO.	DESCRIPTION	REQ'D.
	*334662A1	DRAWBAR ASSEMBLY - Reynolds	1
1	336135A1	HANGER - drawbar	1
2	336136A1	DRAWBAR - Reynolds.	1
	336133A1	PIN ASSEMBLY - drawbar.	1
3	NSS	PIN - drawbar	1
4	NSS	PIN - cotter	1
5	NSS	WASHER - flat, 5/8 inch	1
6	NSS	NUT - hex slotted, 1-1/2-6 inch.	1
7	326-24144	BOLT - hex.	1
8	495-11162	WASHER - flat, 1-5/8 x 3 x 5/32 inch.	1
9	329-1024	NUT - hex.	1
10	413-16112	BOLT - hex, 1 NC x 7 inch	2
11	429-1016	NUT - hex, 1 inch NC, grade 8.	12
12	496-21106	WASHER - flat, 1-1/16 x 2 x 13/64 inch, hardened	22
13	426-1648	BOLT - hex, 1 NC x 3 inch, grade 8	10
14	70-6013T2	PIN - pivot, knuckle	1
15	70-5967T1	SPACER - pin.	1
16	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened.	1
17	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	1

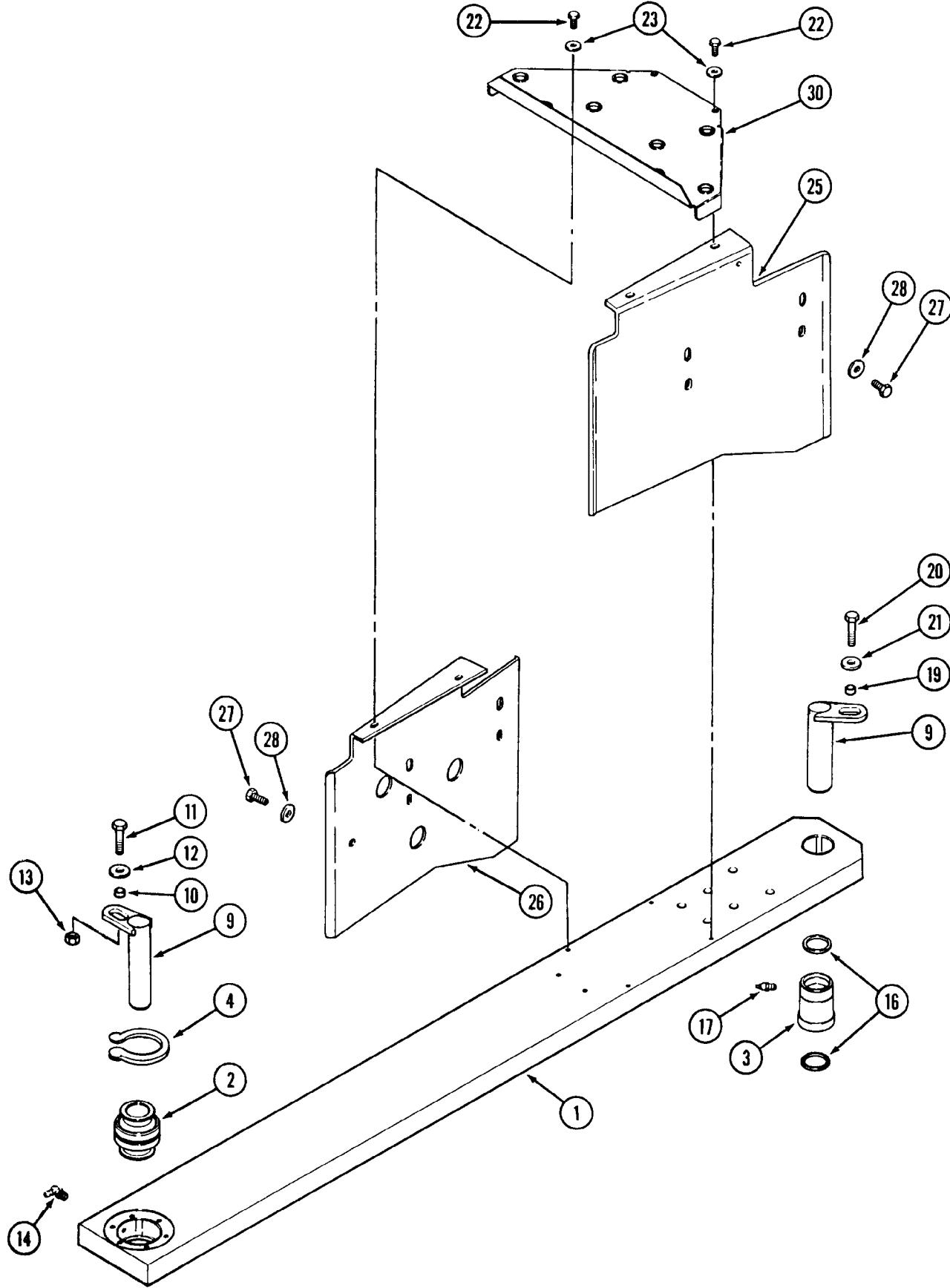
***NOTE:** Purchase this part along with its component parts direct from Reynolds, McAllen, Texas.



9370, 9380, and 9390 Tractor
FRONT FRAME

9-25

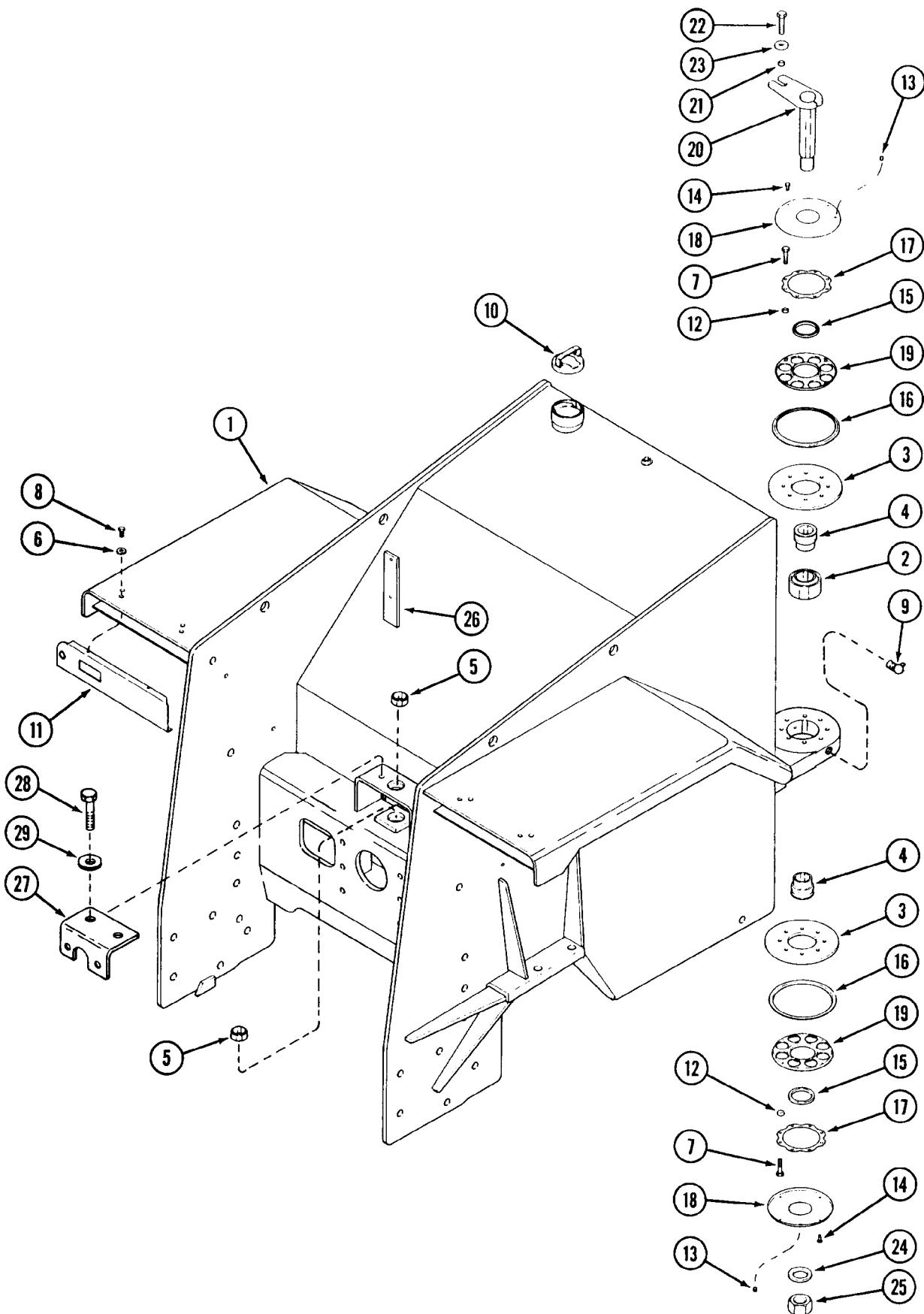
REF.	PART NO.	DESCRIPTION	REQ'D.
1	305091A1	FRAME - front, replaces 70-6641T1 frame	1
3	70-6209T2	DOOR - component cover	1
4	70-6210T2	HINGE - door, mounting	2
5	70-6200T1	HINGE - door	2
6	70-1996T3	PIN - hinge	2
7	70-2600T2	RING - retaining	4
8	70-6207T2	BRACKET - mounting	1
9	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8	4
10	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	12
11	232-4136	NUT - hex, self-locking, 3/8 inch NC	16
12	19-5709	WASHER - special	3
13	231-1446	NUT - hex, self-locking, 3/8 inch NC	12
14	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	8
15	70-6206T1	LATCH - access door	1
16	496-81023	WASHER - flat, 13/32 x 3/4 x 7/32 inch, hardened, latch	1
17	90-7524T1	SPRING - latch	1
18	90-6966T1	HANDLE - door latch	1
19	70-1996T3	PIN - retaining	1
20	9415236	PIN - 1/8 x 3/4 inch, spring	1
21	70-6213T1	ROD - retainer, replaced by 70-6336T1 rod, item 22	1
22	70-6336T1	ROD - retainer, replaces 70-6213T1 rod, item 21	1
25	60-6607T2	SEAL - foam, 711 mm (28 inch) long, cut from 60-4596T1 bulk seal, see below	1
26	70-5107T1	STEP - rear, bottom	1
27	70-5109T1	STRAP - stabilizer, step	1
28	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	8
29	231-1446	NUT - hex, self-locking, 3/8 inch NC	12
30	70-2142T3	STEP - lower front	1
33	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	2
34	425-108	NUT - hex, 1/2 inch NC	2
35	426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	2
45	1-6835	STRIP - anti-skid, 406 mm (16 inch) long, cut from 26-211 bulk strip, see below	4
	60-4596T1	SEAL - foam, bulk, 3048 mm (120 inch) long	UAR
	26-211	STRIP - non-skid, bulk, 51 (2) x 3048 mm (120 inch) long	UAR



**9370, 9380, and 9390 Tractor
CENTER LINK**

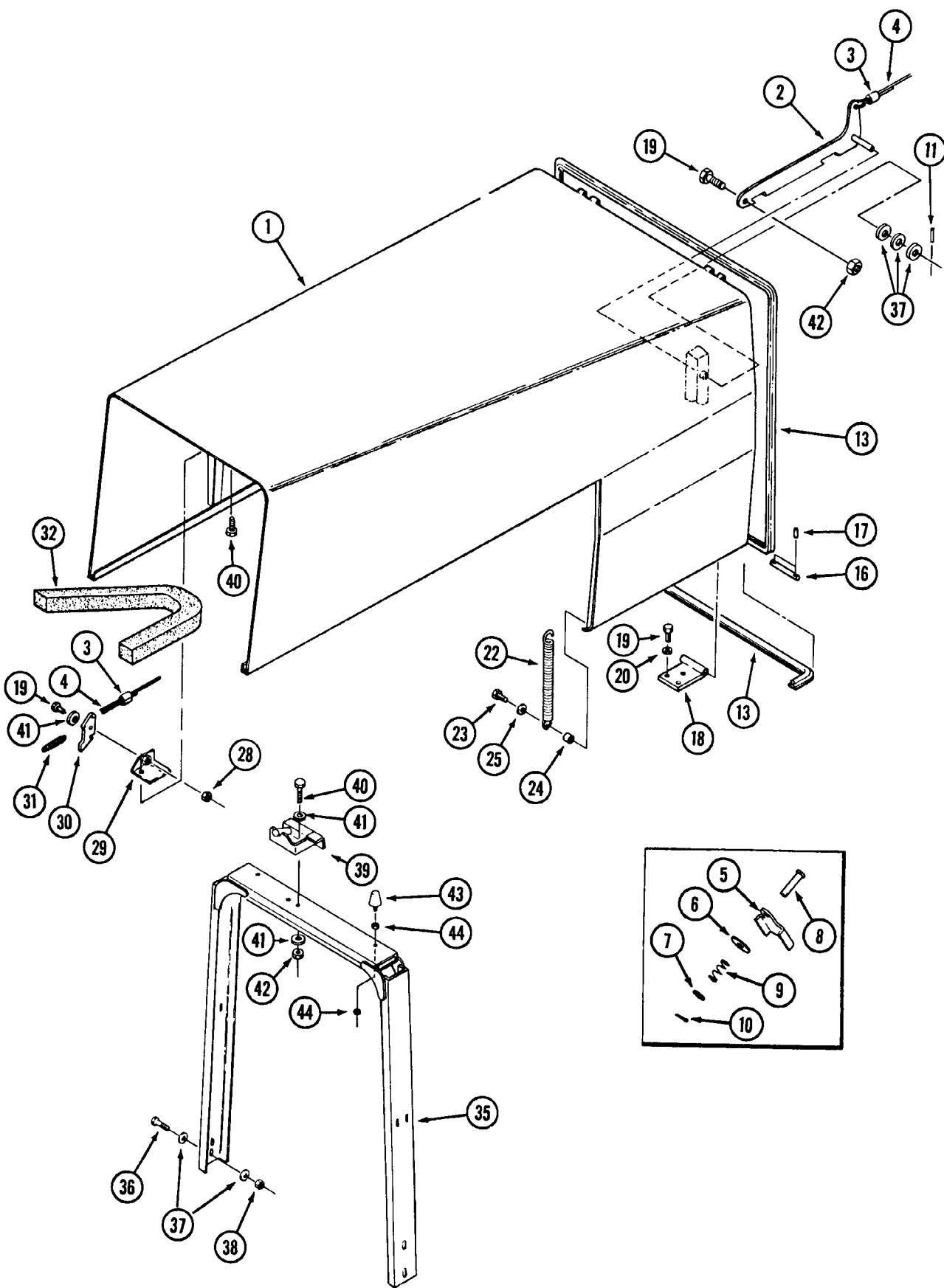
9-27

REF.	PART NO.	DESCRIPTION	REQ'D.
1	70-6480T1	LINK - center, articulation and oscillation	1
2	70-5468T1	BEARING - spherical.....	1
3	70-6217T1	BUSHING - pivot, link	1
4	101-21354	RING - internal retaining, No. 354	1
9	70-6076T2	PIN - pivot	2
10	70-5967T1	SPACER - pin	1
11	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	1
12	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	1
13	425-1010	NUT - hex, 5/8 inch NC	1
14	219-55	FITTING - grease, 90 degree, 1/8 PT x 27/32 inch	1
16	D95143	WIPER - piston rod	2
17	219-1	FITTING - grease, straight, 1/8 PT x 21/32 inch	17
19	70-5967T1	SPACER - pin	1
20	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	1
21	496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	1
22	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	4
23	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.....	4
25	70-6477T2	COVER - driveshaft, right-hand.....	1
26	70-6478T2	COVER - driveshaft, left-hand.....	1
27	426-812	BOLT - hex, 1/2 NC x 3/4 inch, grade 8.....	4
28	495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	4
30	70-6216T2	STEP - maintenance	1



REAR FRAME

REF.	PART NO.	DESCRIPTION	REQ'D.
1	70-6650T1	FRAME - rear.....	1
2	R37021	BEARING - pivot, spherical, prior to P.I.N. JEE0071001.....	1
2	70-6110T1	BEARING - pivot, spherical, P.I.N. JEE0071001 and after	1
3	70-6063T1	RETAINER - bearing	2
4	70-5836T2	SLEEVE - bearing	2
5	70-4621T2	BUSHING - frame, rear	2
6	495-21031	WASHER - flat, 5/16 x 3/4 x 1/16 inch.....	4
7	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	16
8	426-48	BOLT - hex, 1/4 NC x 1/2 inch, grade 8.....	4
9	219-36	FITTING - grease, 45 degree, 1/8 PT x 7/8 inch, prior to P.I.N. JEE0071001.....	1
9	219-55	FITTING - grease, 90 degree, 1/8 PT x 27/32 inch, P.I.N. JEE0071001 and after.....	1
10	A162191	CAP - fuel, prior to P.I.N. JEE0071001	1
10	2-3679T1	CAP - fuel, P.I.N. JEE0071001 and after.....	1
11	70-6707T1	BRACKET - lamp mounting, right-hand.....	1
11	70-6709T1	BRACKET - lamp mounting, left-hand, not shown.....	1
12	70-6199T1	SPACER - cover	16
13	217-430	PLUG - hex socket headless, 1/8 inch PT.....	2
14	163-47	SCREW - machine, hex head, No. 10 NC x 1/2 inch.....	8
15	D95148	WIPER - seal	2
16	70-6378T3	SEAL - outer	2
17	70-6198T1	RETAINER - gasket.....	2
18	70-6189T1	COVER - bearing.....	2
19	70-6190T1	HOUSING - bearing.....	2
20	70-6180T3	PIN - pivot, frame.....	1
21	70-5967T1	SPACER - pin	1
22	426-1024	BOLT - hex, 5/8 NC x 1-1/2 inch, grade 8	1
23	495-11066	WASHER - flat, 21/32 x 1-5/16 x 3/32 inch	1
24	1-4088	WASHER - flat, 1-3/4 x 2-3/4 x 1/4 inch	1
25	70-6221T1	NUT - special locking.....	1
26	70-5891T2	PLATE - SMV	1
27	70-6774T1	BRACKET - mounting, electrical plug	1
28	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	2
29	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	4



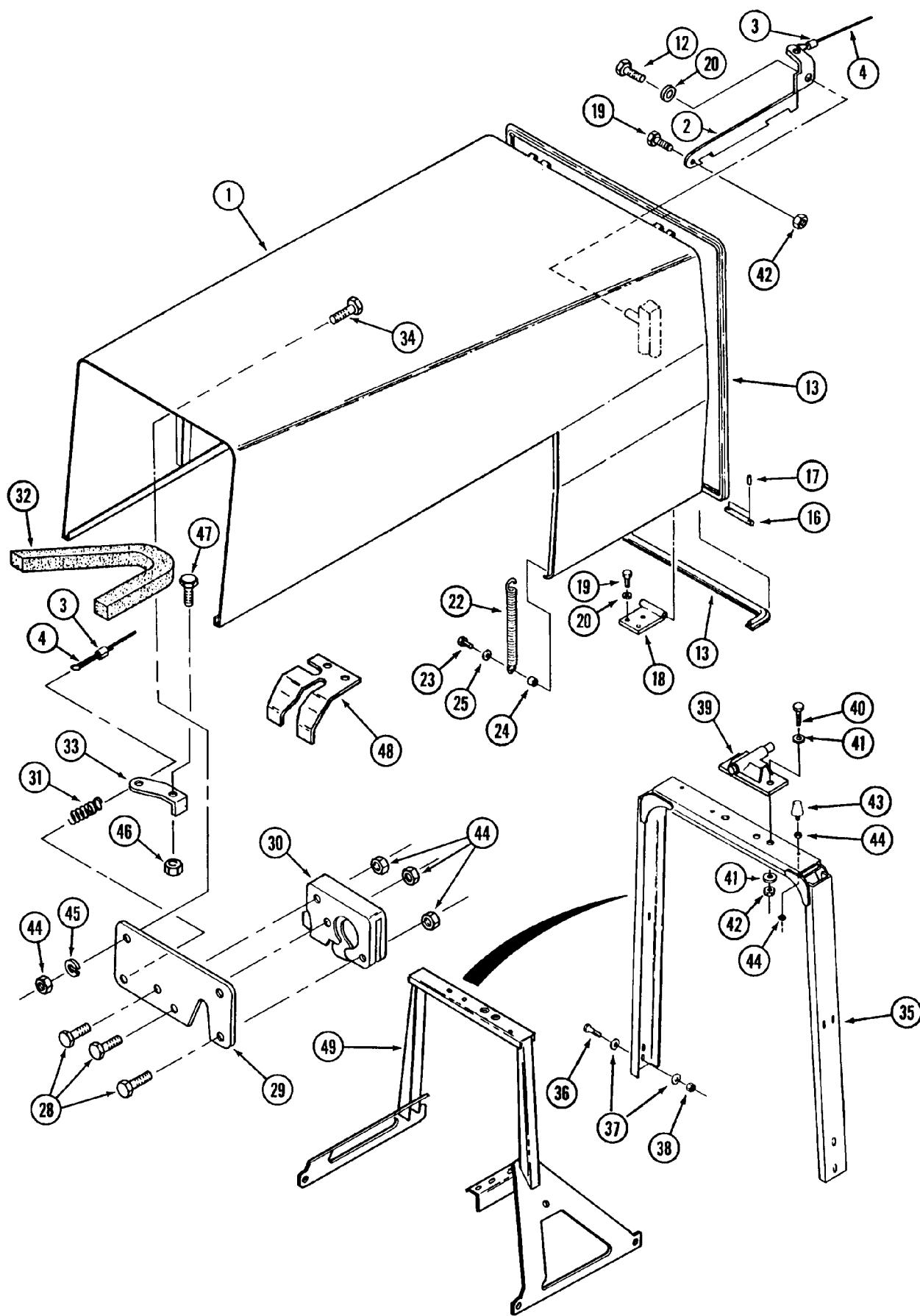
HOOD AND SUPPORT

Prior to P.I.N. JEE0037932

9370 and 9380 Only

REF.	PART NO.	DESCRIPTION	REQ'D.
1	70-6601T1	HOOD - engine	1
2	70-6730T1	LATCH - open hood retaining	1
3	70-5269T1	FERRULE - wire rope	2
4	70-6732T1	ROPE - wire, 4521 mm (178 inch) long, cut from 70-5252T1 bulk rope, see below.	1
5	70-6308T1	LATCH - hood	1
6	19-6154	WASHER - flat, nylon, 3/8 x 1-1/4 x 1/16 inch.	1
7	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.	1
8	427-6156	PIN - clevis, 3/8 x 1-9/16 inch, hardened.	1
9	60-6422T1	SPRING - compression	1
10	32-612	PIN - cotter, 3/32 x 3/4 inch.	1
11	38-11216	PIN - roll, 3/16 x 1 inch	1
13	70-5263T1	SEAL - foam, 1092 mm (43 inch) long, cut from 70-5259T1X bulk seal, see below.	5
16	70-4262T2	PIN - hood hinge	2
17	9415236	PIN - 1/8 x 3/4 inch	4
18	70-4263T1	HINGE - hood	2
19	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	8
20	496-41041	WASHER - flat, 13/32 x 1-1/8 x 9/64 inch, hardened	6
22	19-6261	SPRING - assist, hood opening.	2
23	426-836	BOLT - hex, 1/2 NC x 2-1/4 inch, grade 8	2
24	2-8012T1	SPACER - spring retainer	2
25	19-961	WASHER - flat.	2
28	425-106	NUT - hex, 3/8 inch NC	1
29	70-6753T1	MOUNT - latch.	1
30	70-6178T1	LATCH - release	1
31	A163012	SPRING - latch return	1
32	60-6705T1	SEAL - foam, rear hood.	1
35	70-6501T2	SUPPORT - hood	1
36	426-820	BOLT - hex, 1/2 NC x 1-1/4 inch, grade 8	4
37	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	11
38	231-4118	NUT - hex, self-locking, 1/2 inch NC	4
39	70-6755T1	BRACKET - hood retaining latch	1
40	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	4
41	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	5
42	231-1446	NUT - hex, self-locking, 3/8 inch NC	3
43	N7673	BUMPER - rubber	2
44	425-105	NUT - hex, 5/16 inch NC	4
	35-1983T91	KIT - hood latch, includes all items marked with an asterisk on page 9-31, items (3) 426-524 bolt, (5) 425-105 nut and (2) 19-6113 bushing, not shown, see note below	1
	70-5252T1	ROPE - wire, bulk, 7620 mm (300 inch) long	UAR
	70-5259T1X	SEAL - foam, bulk, 3048 mm (120 inch) long	UAR

NOTE: Hood latch kit 35-1983T91 can be used to convert hood latch mechanisms from 9270 and 9280 tractors P.I.N. JEE0033501 and after and the 9370 and 9380 tractors prior to P.I.N. JEE0037932 to the most current style.

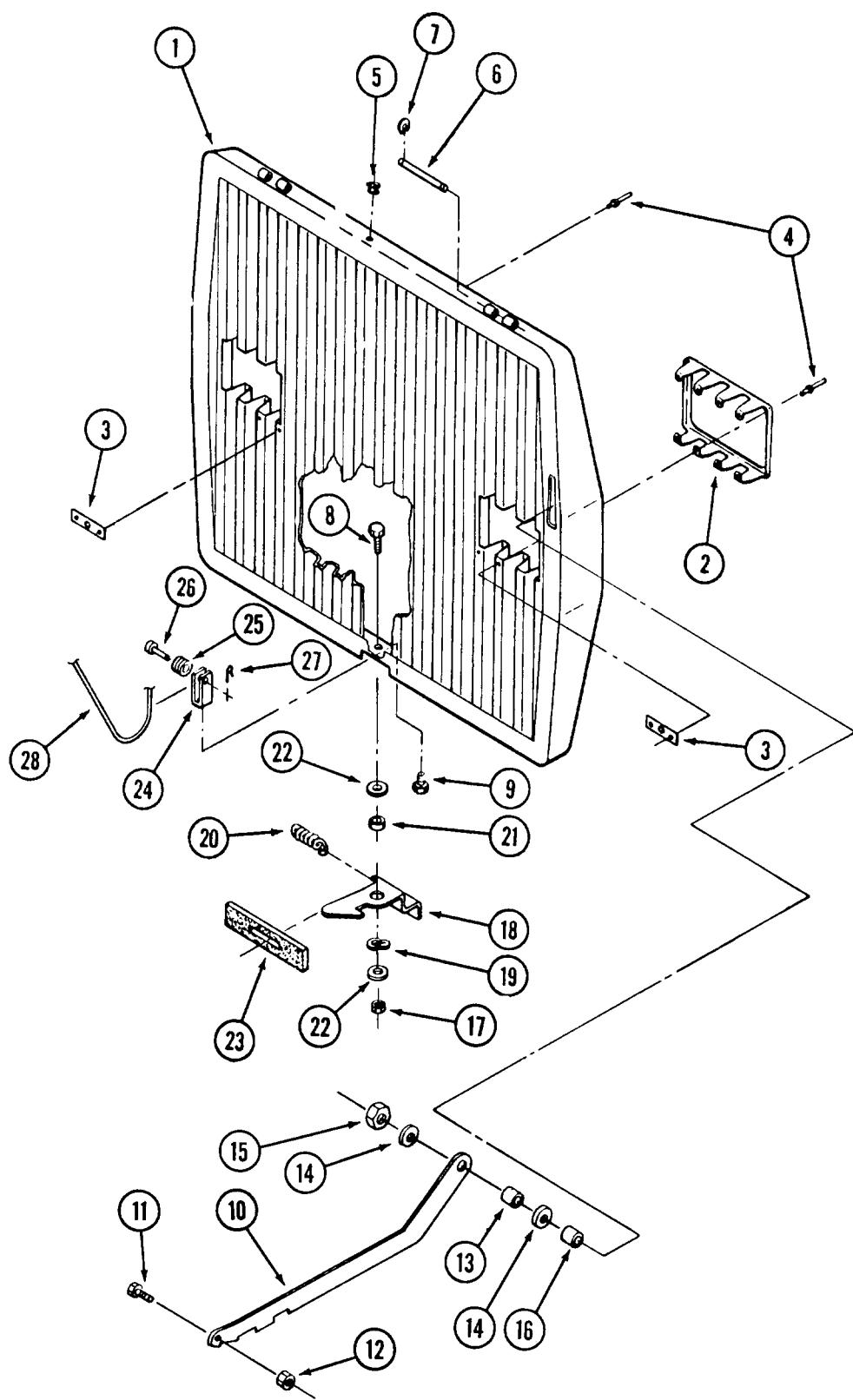


HOOD AND SUPPORT

P.I.N. JEE0037932 and After

REF.	PART NO.	DESCRIPTION	REQ'D.
1	324564A1	HOOD - engine, also order (1) 313066A1 plate item 29 and (1) 324785A1 pin item 39, replaces 70-6820T1 hood.	1
2	70-6840T1	LATCH - open hood retaining	1
3	*70-5275T1	CLAMP - includes U-bolt and nut	3
4	70-6732T1	ROPE - wire, 4521 mm (178 inch) long, cut from 70-5252T1 bulk rope, see below.	1
12	426-610	BOLT - hex, 3/8 NC x 5/8 inch, grade 8	1
13	70-5263T1	SEAL - foam, 1092 mm (43 inch) long, cut from 70-5259T1X bulk seal, see below.	5
16	70-4262T2	PIN - hood hinge	2
17	9415236	PIN - 1/8 x 3/4 inch	4
18	70-4263T1	HINGE - hood	2
19	426-620	BOLT - hex, 3/8 NC x 1-1/4 inch, grade 8	7
20	496-41041	WASHER - flat, 13/32 x 1-1/8 x 9/64 inch, hardened	9
22	19-6261	SPRING - assist, hood opening	2
23	426-836	BOLT - hex, 1/2 NC x 2-1/4 inch, grade 8	2
24	2-8012T1	SPACER - spring retainer	2
25	19-961	WASHER - flat	2
28	*426-524	BOLT - hex, 5/16 NC x 1-1/2 inch, grade 8	3
29	313066A1	MOUNT - latch, replaces 70-6822T1 mount, also order (1) 324785A1 striker item 39	1
30	*60-5001T1	LATCH - door	1
31	A163012	SPRING - latch return	1
32	60-6705T1	SEAL - foam, rear hood	1
33	*70-6841T1	ARM - latch articulation	1
34	*426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8	2
35	70-6501T2	SUPPORT - hood, prior to P.I.N. JEE0071837	1
36	426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	4
37	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	10
38	231-4118	NUT - hex, self-locking, 1/2 inch NC	5
39	*324785A1	STRIKER - hood retaining latch, also order (1) 313066A1 mount item 29, replaces 70-6823T1 striker	1
40	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	3
41	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	5
42	231-1446	NUT - hex, self-locking, 3/8 inch NC	3
43	N7673	BUMPER - rubber	2
44	425-105	NUT - hex, 5/16 inch NC	9
45	*492-11038	WASHER - lock, 3/8 inch	2
46	*231-1444	NUT - hex, self-locking, 1/4 inch NC	1
47	*426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8	1
48	*70-6829T1	PLATE - guide	1
49	70-6923T1	SUPPORT - hood, P.I.N. JEE0071837 and after	1
	70-5252T1	ROPE - wire, bulk, 7620 mm (300 inch) long	UAR
	70-5259T1X	SEAL - foam, bulk, 3048 mm (120 inch) long	UAR
	*35-1983T91	KIT - hood latch, includes all items marked with an asterisk and items (3) 426-524 bolt, (5) 425-105 nut and (2) 19-6113 bushing, not shown, see note below	1

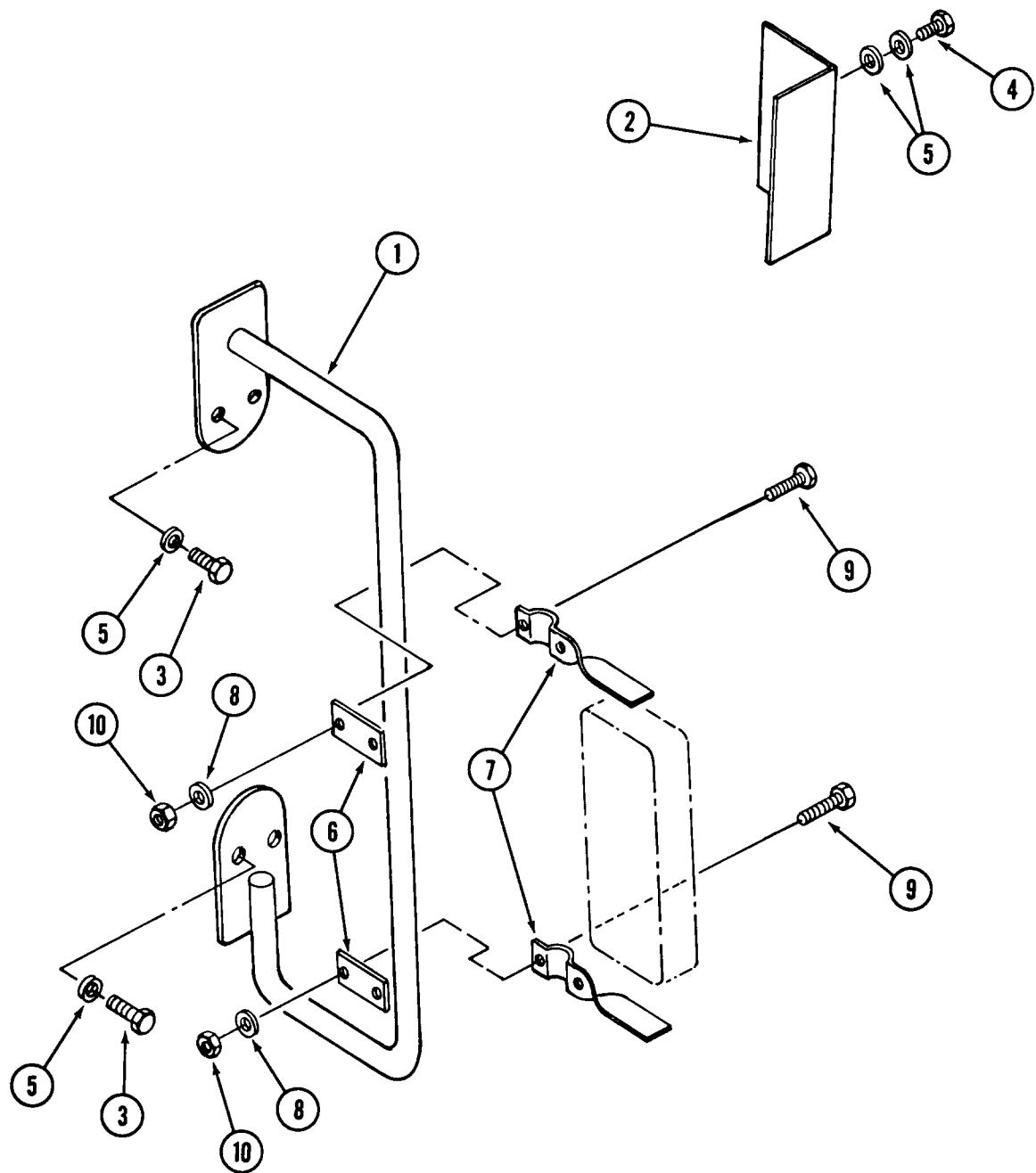
NOTE: Hood latch kit 35-1983T91 can be used to convert hood latch mechanisms from 9270 and 9280 tractors P.I.N. JEE0033501 and after and the 9370 and 9380 tractors prior to P.I.N. JEE0037932 to the most current style.



9370, 9380, and 9390 Tractor
GRILLE

9-35

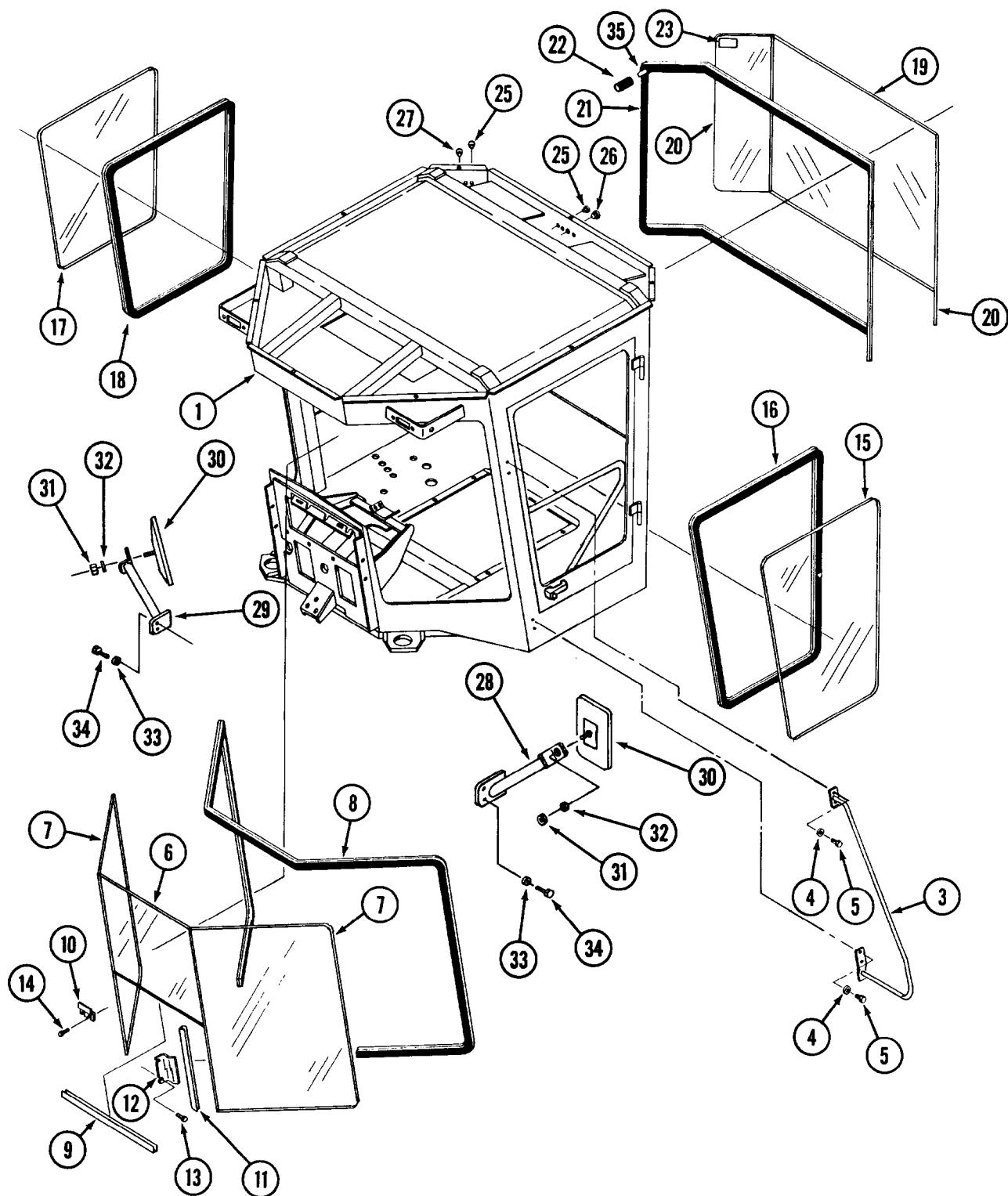
REF.	PART NO.	DESCRIPTION	REQ'D.
	70-6714T92	GRILLE ASSEMBLY - hood front, replaces 70-6590T91 grille	1
1	NSS	GRILLE - front	1
2	70-6727T1	BRACKET - lamp mounting	2
3	70-2507T2	PLATE - bracket mounting	3
4	151-515	RIVET - break mandrel, 5/32 x 7/16 inch	18
5	19-6113	BUSHING - nylon, split, flanged	1
6	70-1996T3	PIN - hinge	2
7	70-2600T2	RING - retaining	4
8	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	1
9	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8	1
10	70-6600T1	LATCH - grille	1
11	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8	1
12	425-106	NUT - hex, 3/8 inch NC	1
13	70-5814T1	BUSHING - grille latch	1
14	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	2
15	231-4118	NUT - hex, self-locking, 1/2 inch NC	1
16	70-2806T1	SPACER - grille latch	1
17	425-146	NUT - hex, jam, 3/8 inch NC	1
18	70-5273T1	LATCH - grille opening	1
19	19-6266T1	WASHER - lock, wave	1
20	90-7524T1	SPRING - latch	1
21	496-81023	WASHER - flat, 13/32 x 3/4 x 7/32 inch, hardened, latch, replaces 70-5177T1 spacer	1
22	496-41041	WASHER - flat, 13/32 x 1-1/8 x 9/64 inch, hardened	2
23	70-5258T2	SEAL - foam, adhesive-backed	1
24	70-5812T1	CLEVIS - pulley	1
25	70-5808T1	PULLEY - wire rope	1
26	427-4077	PIN - clevis, 1/4 x 3/4 inch, hardened	1
27	432-412	PIN - cotter, 1/16 x 3/4 inch	1
28	70-6732T1	ROPE - wire, 4521 mm (178 inch) long, cut from 70-5252T1 bulk rope, see below	1
	70-5252T1	ROPE - wire, bulk, 7620 mm (300 inch) long	UAR



**9370, 9380, and 9390 Tractor
MONITOR MOUNT**

9-37

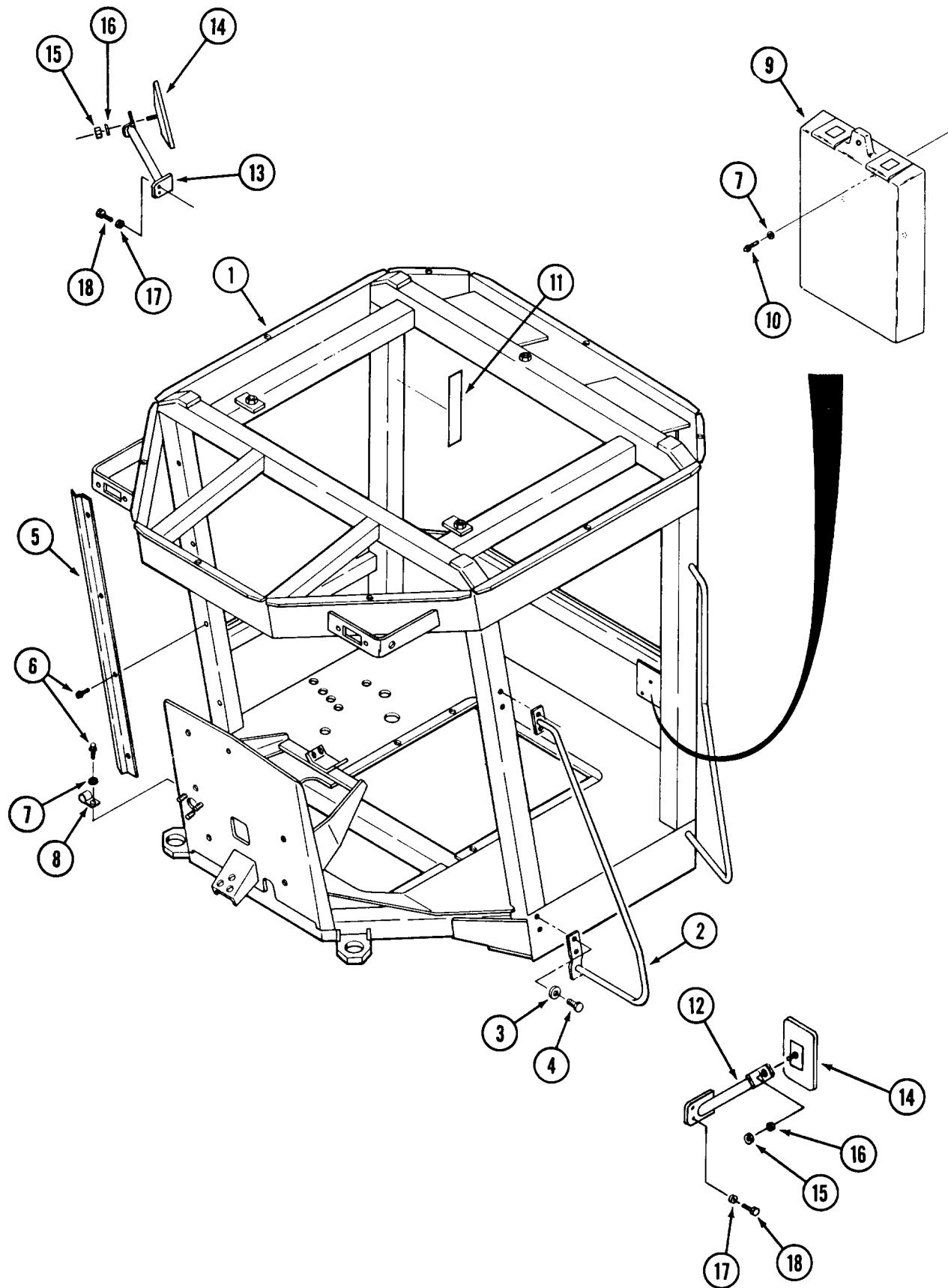
REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1924T91	KIT - monitor mounting, no longer available, order components separately.	1
1	60-7048T1	MOUNT - monitor	1
2	60-6820T1	BRACKET - mounting, phone	1
3	426-616	BOLT - hex, 3/8 NC x 1 inch, grade 8	4
4	426-68	BOLT - hex, 3/8 NC x 1/2 inch, grade 8	2
5	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	4
6	103226A1	CLAMP - mounting bracket	2
7	103213A1	BRACKET - mounting	2
8	895-11008	WASHER - flat, 9 x 17 x 1.6 mm	4
9	614-8025	BOLT - hex, full threads, 8 - 1.25 x 25 mm	4
10	829-1408	NUT - hex, 8 mm - 1.25, class 10.	4



9370, 9380, and 9390 Tractor
CAB AND WINDOWS

9-39

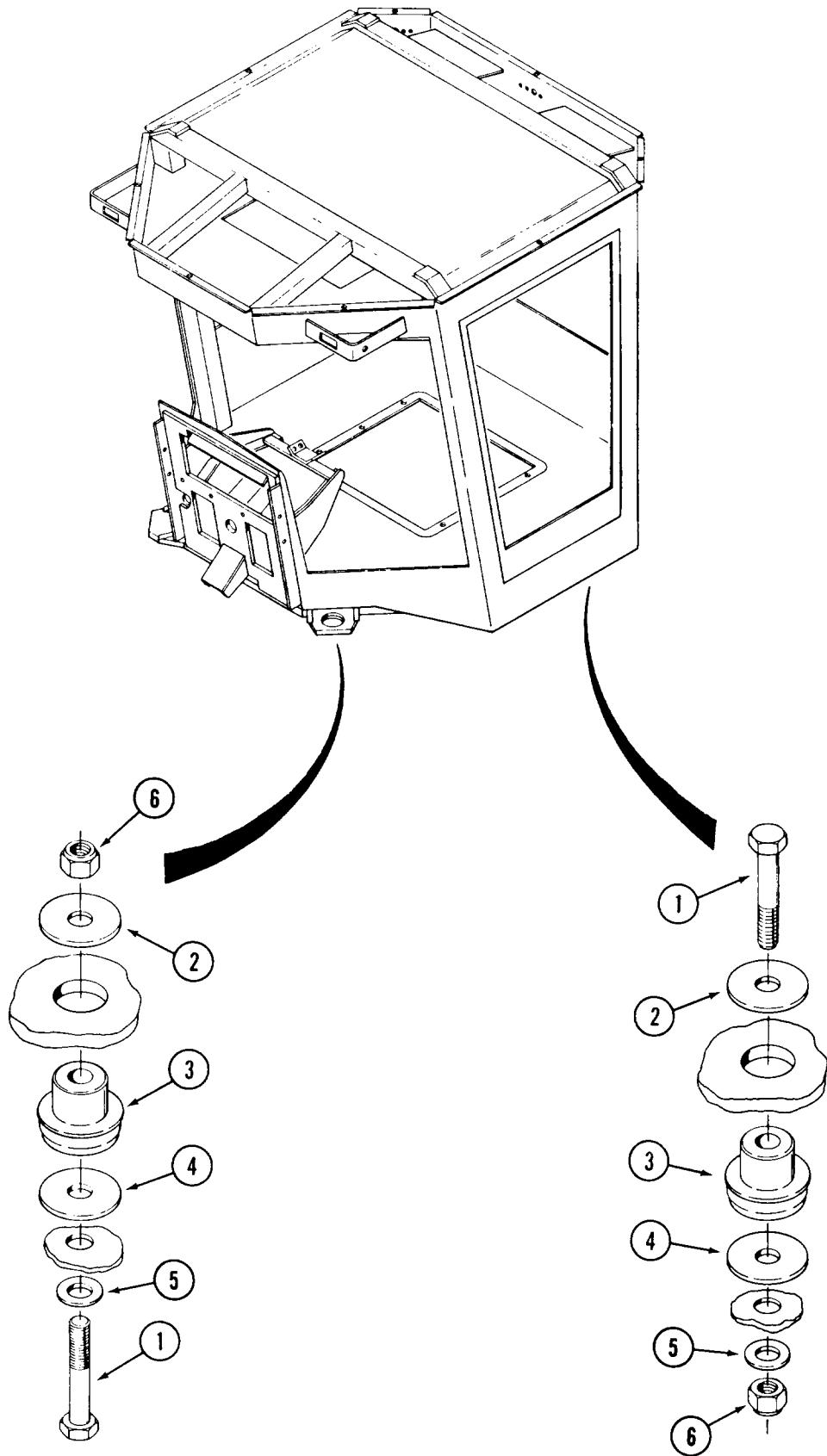
REF.	PART NO.	DESCRIPTION	REQ'D.
	REF	CAB ASSEMBLY - tractor, order from Machinery Price List	1
1	60-7086T2	FRAME - cab	1
3	60-5778T1	HANDLE - grab, side	1
4	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	4
5	426-610	BOLT - hex, 3/8 NC x 5/8 inch, grade 8	4
6	60-4315T1	WINDSHIELD - front, center	1
7	60-6866T1	WINDSHIELD - front, sides	2
8	60-6875T1	SEAL - moulding, 5415 mm (213-3/16 inch) long, cut from 60-6870T1 bulk seal, see below	1
9	60-3039T1	SEAL - 625 mm (24-5/8 inch) long, cut from 2-6789T1 bulk seal, see below	1
10	60-2774T1	CLIP - retainer	2
11	60-3040T1	SEAL - 584 mm (23 inch) long, cut from 2-6789T1 bulk seal, see below, front side windshield	2
12	60-4146T1	BRACKET - retainer	2
13	282-44712	SCREW - self-drilling tapping, hex washer head, 1/4 NC x 3/4 inch	4
14	60-6688T1	SCREW - hex washer head, self-tapping, special	4
15	60-6865T1	WINDOW - door	1
16	60-6876T1	SEAL - moulding, 3575 mm (140-3/4 inch) long, cut from 60-6870T1 bulk seal, see below	1
17	60-6863T1	WINDOW - side	1
18	60-6874T1	SEAL - moulding, 3303 mm (130-1/16 inch) long, cut from 60-6870T1 bulk seal, see below	1
19	60-3859T1	WINDOW - back, center	1
20	60-6864T1	WINDOW - back, sides	2
21	60-6877T1	SEAL - moulding, 5054 mm (199 inch) long, cut from 60-6871T1 bulk seal, rear windows, see below	1
22	20-1814T1	SLEEVE - heat shrink, 19 mm (3/4 inch) long, cut from 20-1830T1 bulk sleeve, see below	1
23	2-6879T1	DECAL - emergency exit	1
25	60-4582T1	PLUG - hole, nylon, 5/16 inch diameter	13
26	31-2175	PLUG - hole, 3/4 inch diameter	4
27	60-4401T1	PLUG - hole, 5/8 inch diameter	2
28	60-7040T1	MOUNT - mirror, left-hand	1
29	60-7068T1	MOUNT - mirror, right-hand	1
30	1283403C1	MIRROR - rear view	2
31	829-1410	NUT - hex, 10 mm - 1.5, class 10.9	2
32	892-11010	WASHER - lock, 10 mm	2
33	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	4
34	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8	4
35	60-6895T1	SEAL - 5055 mm (199 inch) long, order from 60-6872T1 bulk seal	1
	2-6789T1	TRIM - edge, bulk, 3048 mm (120 inch) long, sold by the foot	UAR
	20-1830T1	SLEEVE - heat shrink, 6 (1/4) ID x 30480 mm (1200 inch) long	UAR
	60-6870T1	SEAL - bulk, 6096 mm (240 inch) long	UAR
	60-6871T1	SEAL - bulk, 6096 mm (240 inch) long	UAR
	60-6872T1	SEAL - bulk, 6096 mm (240 inch) long	UAR



9370, 9380, and 9390 Tractor
ROPS FRAME

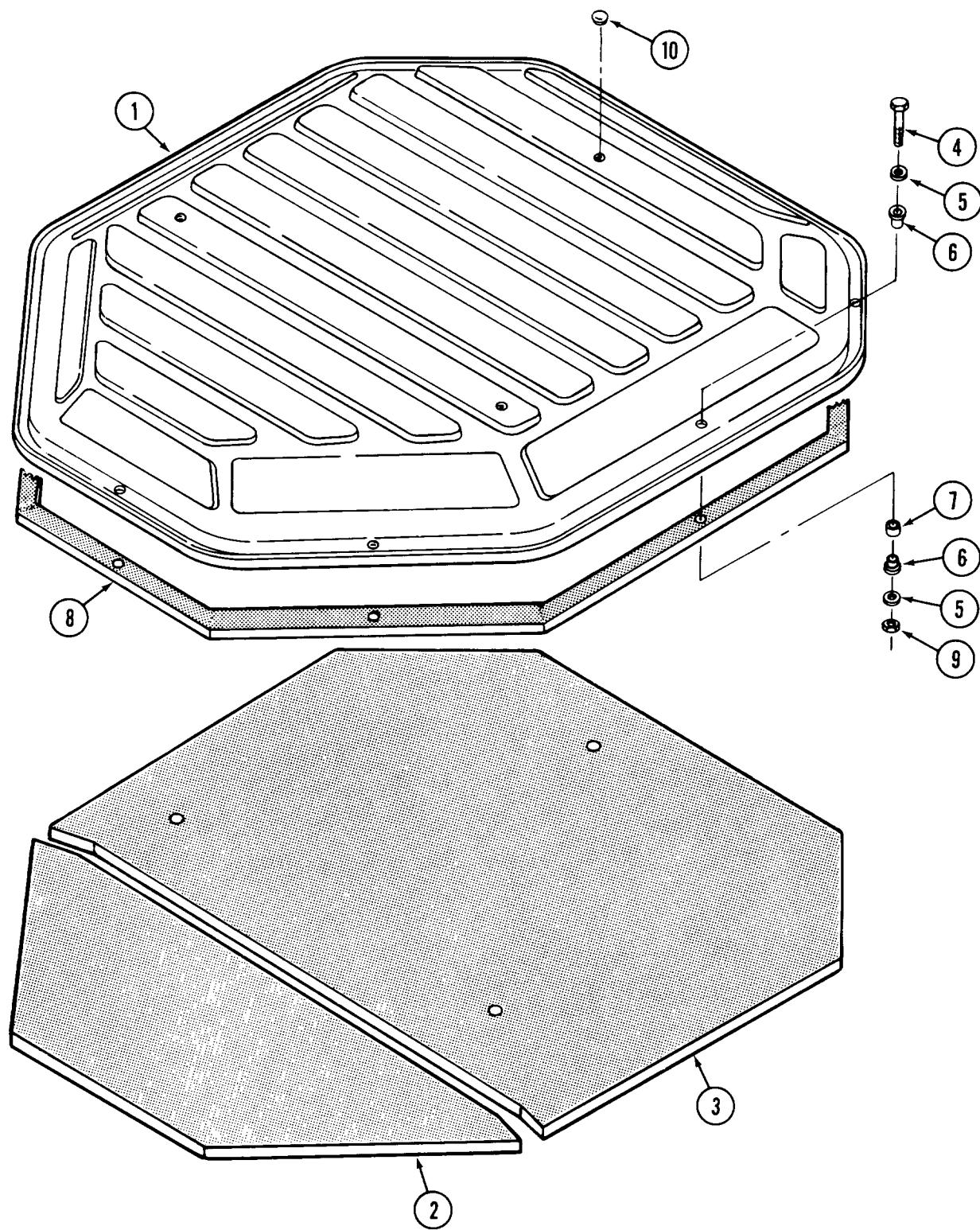
9-41

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7087T1	FRAME - ROPS, protective.....	1
2	60-5778T1	HANDLE - grab, side	1
3	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	4
4	426-610	BOLT - hex, 3/8 NC x 5/8 inch, grade 8.....	4
5	60-5855T1	GUARD - wire, ROPS post	1
6	281-1358	SCREW - self-tapping, hex washer head, No. 10 NC x 1/2 inch.....	6
7	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	6
8	515-23381	CLAMP - P-type, 1-1/2 inch ID	2
9	R46464	BOX - operators manual	1
10	463-41012	SCREW - machine, hex slotted washer head, No. 10 NC x 3/4 inch	1
11	60-6468T2	DECAL - Warning, avoid injury or death	1
12	60-7040T1	MOUNT - mirror, left-hand.....	1
13	60-7068T1	MOUNT - mirror, right-hand.....	1
14	1283403C1	MIRROR - rear view	2
15	829-1410	NUT - hex, 10 mm - 1.5, class 10.9.....	2
16	892-11010	WASHER - lock, 10 mm	2
17	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	4
18	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	4



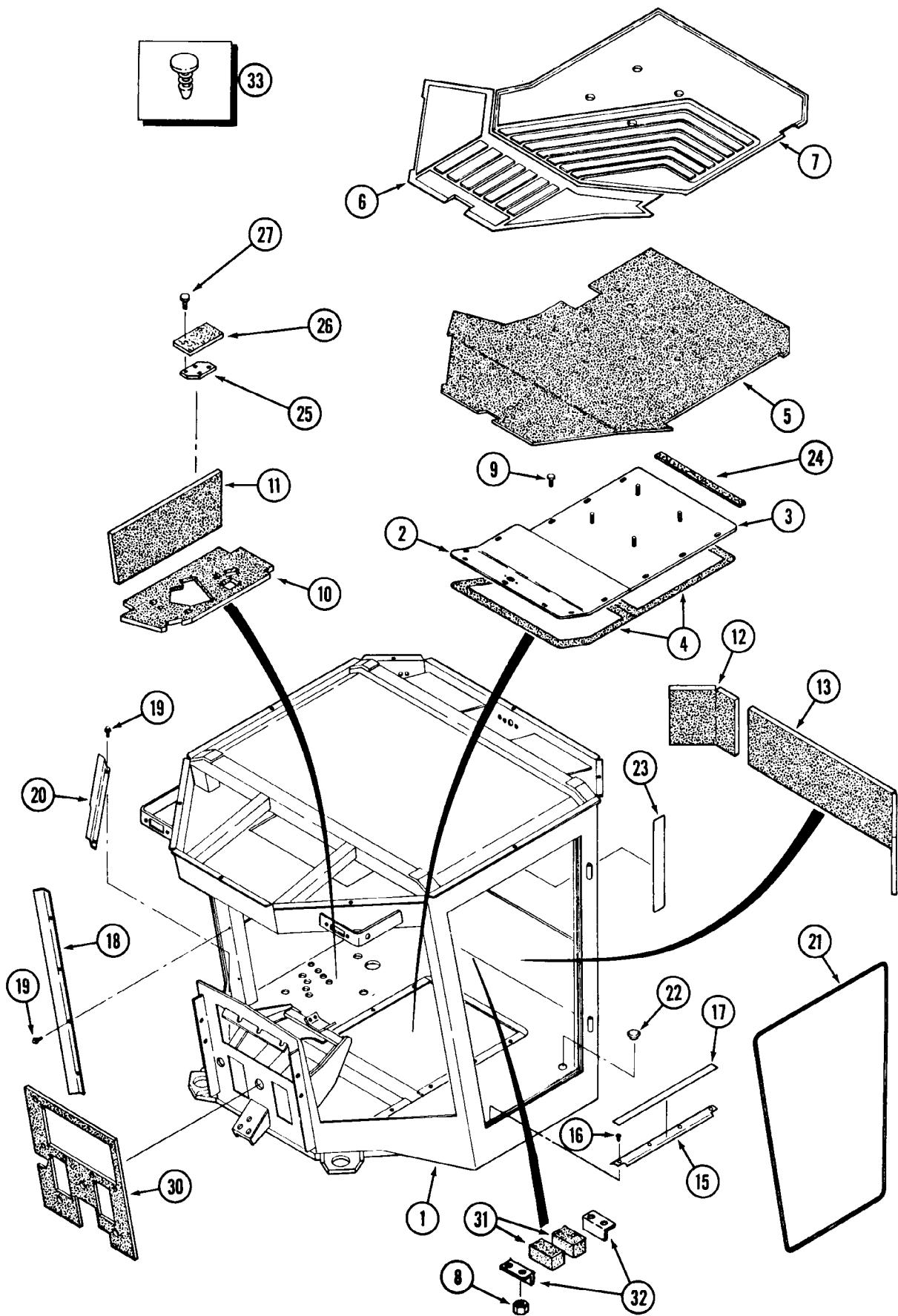
**MOUNTS
Cab and ROPS**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	413-1672	BOLT - hex, 1 NC x 4-1/2 inch.	4
2	60-5033T1	WASHER - special, 1-1/16 x 3-1/4 x 1/4 inch thick	4
3	60-4379T1	MOUNT - rubber isolator	4
4	60-4378T1	SPACER - 1-1/16 x 3-5/8 x 1/4 inch thick	4
5	19-5739	WASHER - flat, special	4
6	231-14416	NUT - hex, self-locking, 1 inch NC.	4



ROOF CAP
Cab and ROPS

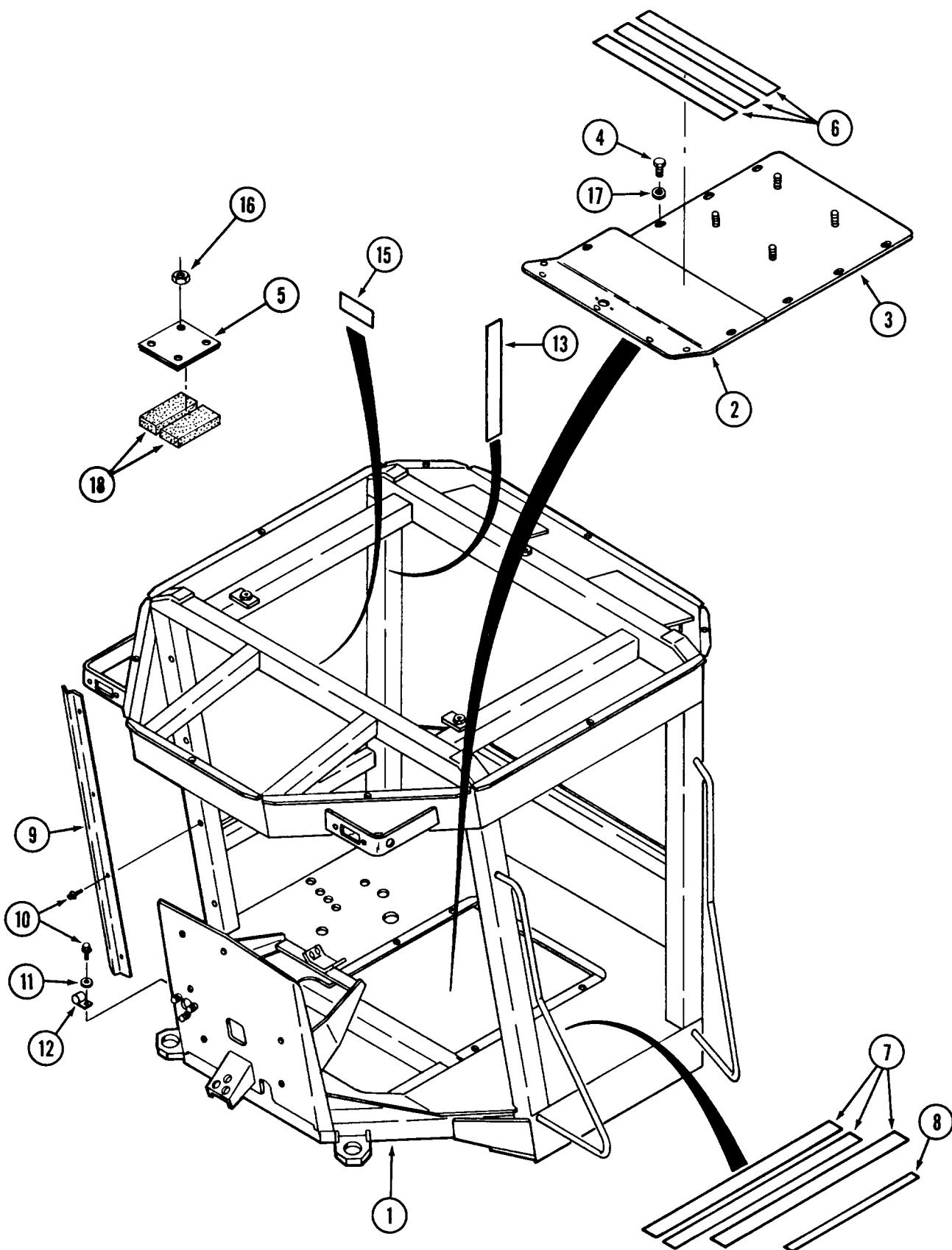
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-5970T1	CAP - roof top	1
2	60-4657T1	INSULATION - roof, cab only	1
3	60-4450T2	INSULATION - roof, cab only	1
4	426-424	BOLT - hex, 1/4 NC x 1-1/2 inch, grade 8	8
5	9421394	WASHER - flat, 1/4 x 1 x 1/16 inch	16
6	60-1826T1	BUSHING - roof snubber.....	16
7	60-4584T1	SPACER - bushing	8
8	60-4583T1	SEAL - foam, 5791 mm (228 inch) long, cut from 60-4595T1 bulk seal, see below.	1
9	231-1444	NUT - hex, self-locking, 1/4 inch NC	8
10	31-2595	PLUG - lift holes.....	3
	60-4595T1	SEAL - foam, bulk, 2743 mm (108 inch) long	UAR



9370, 9380, and 9390 Tractor
CAB FLOORMATS

9-47

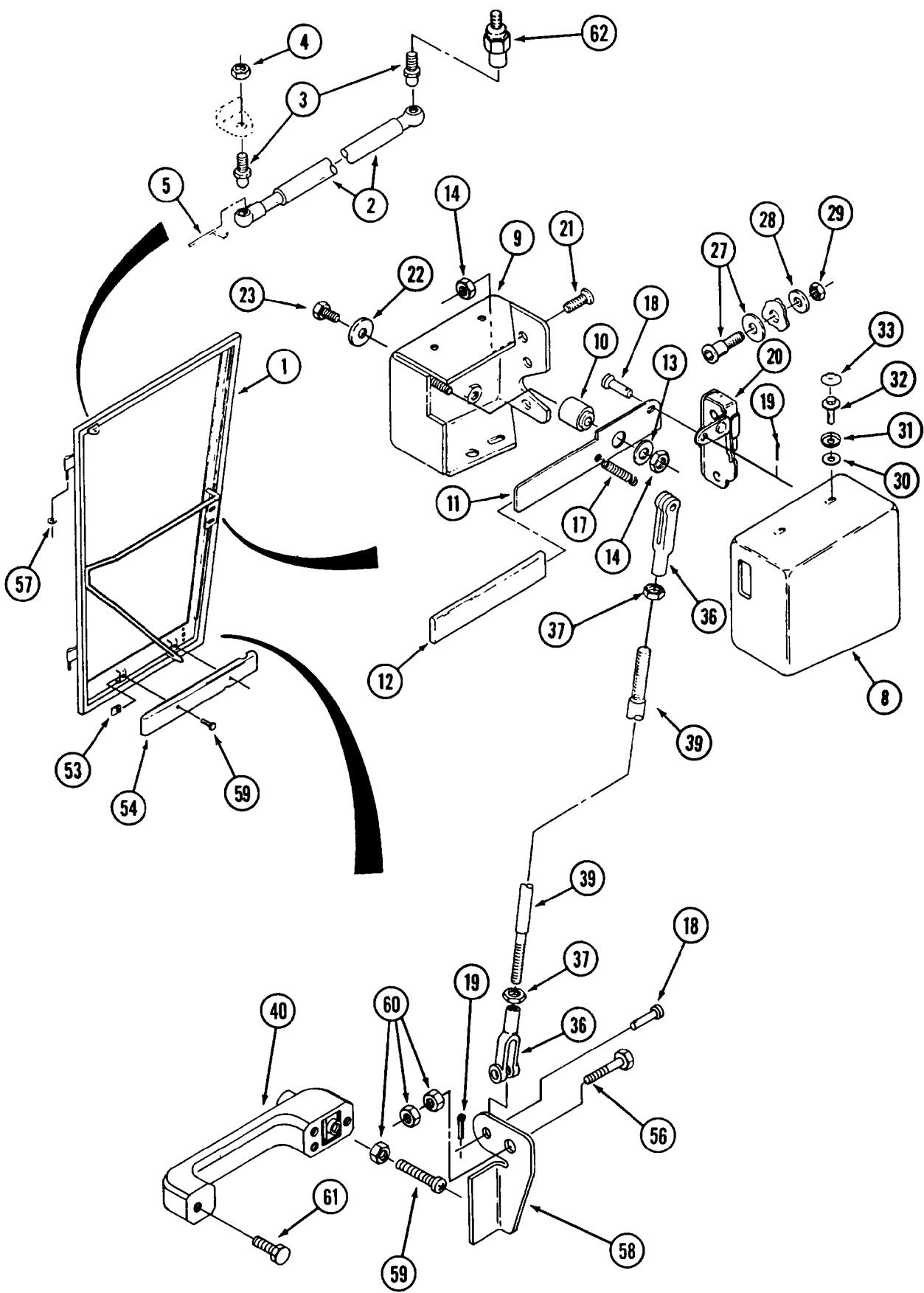
REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	FRAME - cab, see page 9-37	1
2	60-6342T2	PLATE - floor access, front	1
3	60-6307T1	PLATE - floor access, rear	1
4	NSS	SEAL - floor access plates, cut from 60-4596T1 bulk seal, see below	1
5	60-6308T5	PAD - noise, floor	1
6	60-6343T2	FLOORMAT - front	1
7	60-6309T3	FLOORMAT - rear	1
8	231-1445	NUT - hex, self-locking, 5/16 inch NC	4
9	281-14812	SCREW - self-tapping, hex washer head, 5/16 NC x 3/4 inch	13
10	60-6565T1	PAD - console insulation, floor	1
11	60-4503T1	PAD - console insulation, side	1
12	60-4504T1	PAD - console insulation, rear	1
13	60-5935T1	COVER - cab rear	1
15	60-5011T3	COVER - cab entrance	1
16	443-1108	SCREW - machine, flat Phillips, No. 10 NC x 1/2 inch	4
17	60-4599T1	STRIP - non skid, 25 (1) x 635 mm (25 inch) long, cut from 60-4598T1 bulk strip, see below	2
18	60-4383T1	GUARD - wire, cab post	1
19	60-6688T1	SCREW - hex washer head, self-tapping, special	6
20	60-4403T1	GUARD - wire, floor	1
21	60-6010T1	SEAL - 4191 mm (165 inch) long, cut from 60-4402T1X bulk seal, see below	1
22	22-619	GROMMET - closure	2
23	60-6468T2	DECAL - Warning, avoid injury or death, cab post	1
24	60-4597T1	SEAL - foam, 711 mm (28 inch) long, cut from 60-4596T1 bulk seal, see below	8
25	60-6672T2	PLATE - cover, Power Shift tractor	1
26	60-6566T1	PAD - console insulation, floor, Power Shift tractor	1
27	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8	4
30	60-6704T1	INSULATION - cab firewall	1
31	60-7021T1	FOAM - sealing	2
32	60-7022T1	ANGLE - foam	2
33	353-405	PLUG - button, 9/16 inch	1
33	22-619	GROMMET - dome	1
	60-4596T1	SEAL - foam, bulk, 3048 mm (120 inch) long	UAR
	60-4402T1X	SEAL - bulk, 6096 mm (240 inch) long	UAR
	60-4598T1	STRIP - non-skid, bulk, 15240 mm (600 inch) long	UAR



**9370, 9380, and 9390 Tractor
ROPS FLOOR PLATES**

9-49

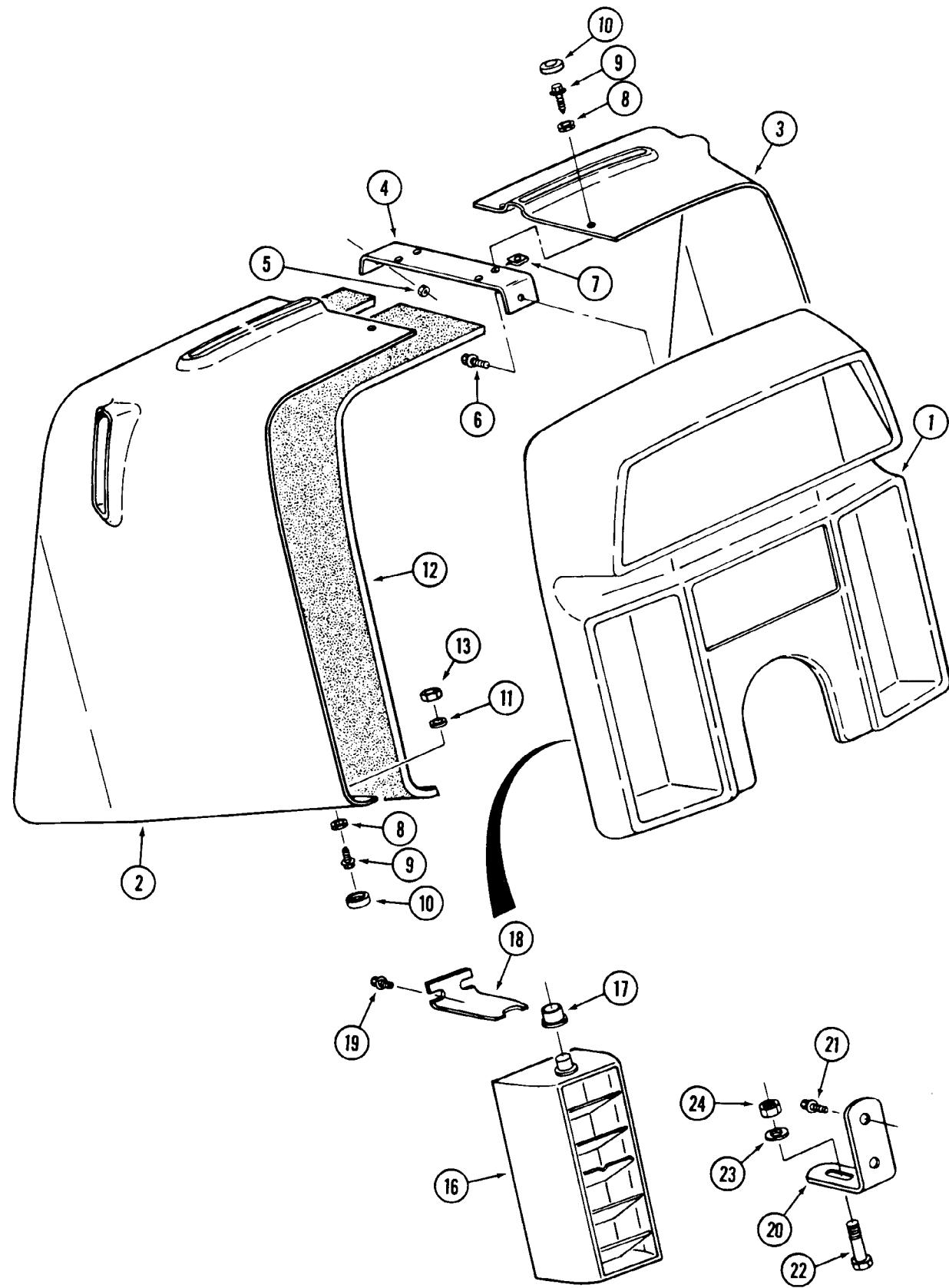
REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	FRAME - protective ROPS, parts list page 9-41	1
2	60-6342T2	PLATE - floor access, front	1
3	60-6307T1	PLATE - floor access, rear	1
4	281-14812	SCREW - self-tapping, hex washer head, 5/16 NC x 3/4 inch.....	13
5	60-4653T1	PLATE - three point hitch	1
6	NSS	STRIP - non skid, 50 (2) x 635 mm (25 inch) long, cut from 26-211 bulk strip, see below	1
7	NSS	STRIP - non skid, 50 (2) x 965 mm (38 inch) long, cut from 26-211 bulk strip, see below	1
8	NSS	STRIP - non skid, 25 (1) x 635 mm (25 inch) long, cut from 60-4598T1 bulk strip, see below	1
9	60-5855T1	GUARD - wire, ROPS post	1
10	281-1358	SCREW - self-tapping, hex washer head, No. 10 NC x 1/2 inch.....	6
11	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	2
12	515-23381	CLAMP - P-type, 1-1/2 inch ID, wire harness	2
13	60-6468T2	DECAL - Warning, avoid injury or death, cab post	1
15	60-5866T1	DECAL - Caution, when operating this vehicle use hearing protection	1
16	231-1445	NUT - hex, self-locking, 5/16 inch NC	4
17	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	13
18	60-4650T1	SEAL - foam, 102 mm (4 inch) long, cut from 60-4596T1 bulk seal, see below.....	2
	26-211	STRIP - non-skid, bulk, 51 (2) x 3048 mm (120 inch) long	UAR
	60-4598T1	STRIP - non-skid, bulk, 15240 mm (600 inch) long.....	UAR
	60-4596T1	SEAL - foam, bulk, 3048 mm (120 inch) long	UAR



**9370, 9380, and 9390 Tractor
CAB DOOR AND LATCH**

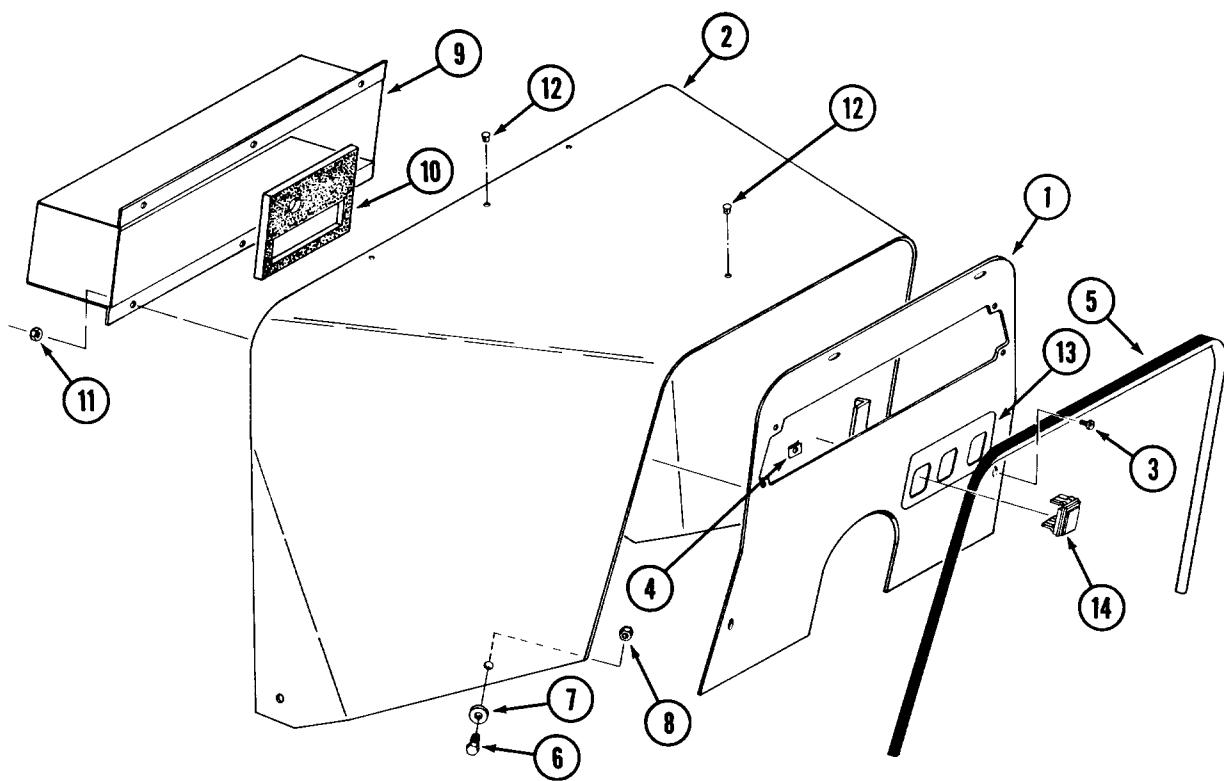
9-51

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7082T1	DOOR - cab, service includes items 18, 19, 36, 37, 39, 40, 53, 54, 56, 58, 59, 60 and 61.....	1
2	1280263C1	CYLINDER - door	1
3	3234063R1	STUD - ball	2
4	832-10410	NUT - hex, self-locking, 10 mm - 1.5.....	1
5	3233348R1	CLIP - retaining	2
8	60-6269T1	COVER - latch housing	1
9	60-6265T1	HOUSING - latch	1
10	60-6260T1	BUSHING - pivot, handle.....	1
11	60-6263T1	LEVER - latch actuating.....	1
12	60-6267T1	GRIP - lever.....	1
13	60-6261T1	WASHER - flat, plastic.....	1
14	19-5777	NUT - hex, special.....	4
17	1970023C1	SPRING - latch	1
18	427-4077	PIN - clevis, 1/4 x 3/4 inch, hardened	2
19	432-48	PIN - cotter, 1/16 x 1/2 inch.....	2
20	60-5001T1	LATCH - door.....	1
21	443-13120	SCREW - machine, flat Phillips, 5/16 NC x 1-1/4 inch.....	3
22	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	2
23	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.....	2
27	60-4193T1	STRIKER - door, includes washer.....	1
28	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	1
29	231-4117	NUT - hex, self-locking, 7/16 inch NC	1
30	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	3
31	1-8674	WASHER - trim	3
32	60-6688T1	SCREW - hex washer head, self-tapping, special.....	3
33	60-5920T1	CAP - trim, gray	3
36	213-124	CLEVIS - adjustable, 1/4 inch NF	2
37	425-114	NUT - hex, 1/4 inch NF	2
39	60-7047T1	ROD - actuating, latch	1
40	60-7083T1	HANDLE - door	1
53	131-837	NUT - U-type, 1/4 inch NC.....	2
54	60-7186T1	COVER - door, lower, replaces 60-7081T1 cover.....	1
56	426-416	BOLT - hex, 1/4 NC x 1 inch, grade 8	1
57	F64046	WASHER - thrust, plastic.....	4
58	60-7046T1	ANGLE - latch actuating	1
59	140-114	SCREW - machine, pan head Phillips, 1/4 NC x 1 inch.....	3
60	425-104	NUT - hex, 1/4 inch NC	3
61	614-6016	BOLT - hex, full threads, 6 - 1.0 x 16 mm	3
62	60-6256T1	STUD - anchor.....	1



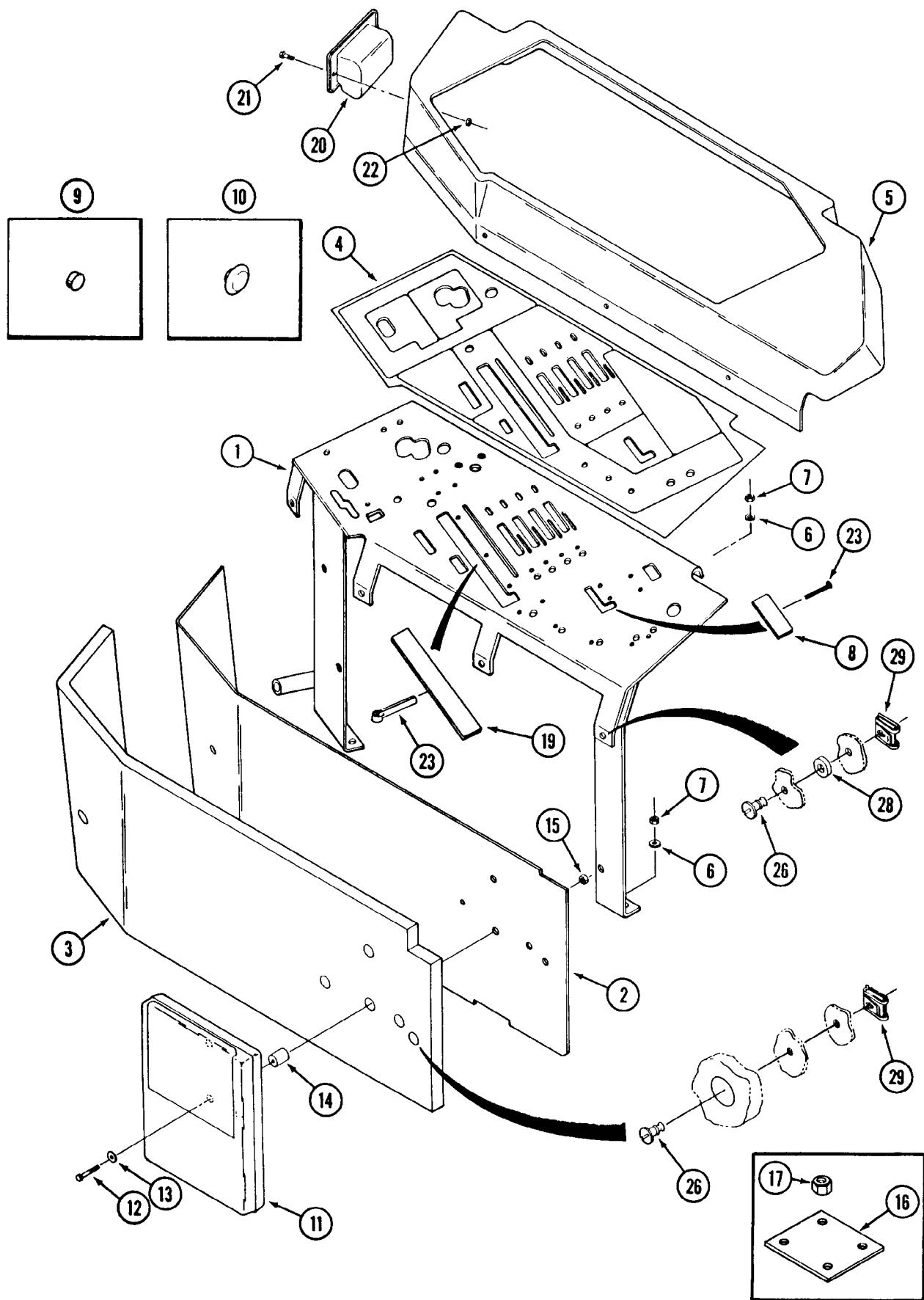
INSTRUMENT PANEL**Cab**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-5966T1	COVER - instrument panel	1
2	60-5963T1	PANEL - dash, left-hand	1
3	60-5964T1	PANEL - dash, right-hand	1
4	60-4122T1	STRAP - support, dash panel	1
5	425-104	NUT - hex, 1/4 inch NC	1
6	19-6016	BOLT - hex flange, 1/4 NC x 1/2 inch	1
7	19-6119	NUT - clip, U-type, No. 10 NC	4
8	1-8674	WASHER - trim	8
9	163-46	SCREW - machine, hex head, No. 10 NC x 1 inch	8
10	60-5920T1	CAP - trim, gray	8
11	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	4
12	60-4782T1	PAD - insulation, dash	2
13	225-14110	NUT - hex, No. 10 NC	4
16	60-2008T1	LOUVER - air deflecting	2
17	60-1948T1	BUSHING - flange, louver	4
18	60-4019T2	CLIP - retaining, louver	4
19	280-13410	SCREW - self-tapping, hex washer head, No. 8-18 x 5/8 inch	8
20	60-4020T1	MOUNT - dash, lower	1
21	19-6016	BOLT - hex flange, 1/4 NC x 1/2 inch	4
22	426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	4
23	495-21056	WASHER - flat, 9/16 x 1-3/8 x 7/64 inch	2
24	425-108	NUT - hex, 1/2 inch NC	2



**INSTRUMENT PANEL
ROPS**

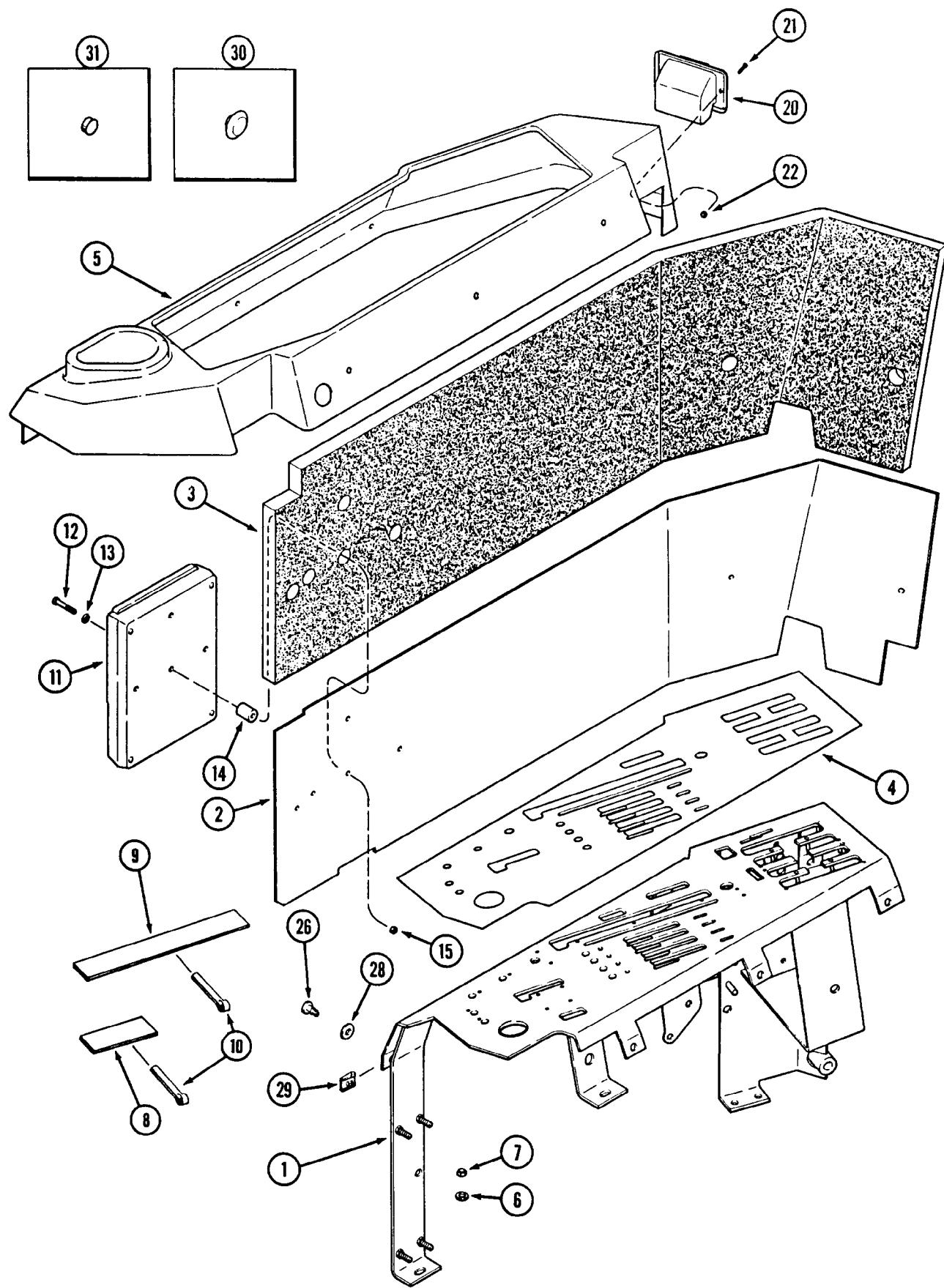
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-5832T1	PLATE - dash mounting.....	1
2	60-5834T1	COVER - dash wraparound.....	1
3	340-11012	SCREW - machine, pan Phillips, No. 10 NC x 3/4 inch.....	6
4	19-6119	NUT - clip, U-type, No. 10 NC	6
5	60-5859T1	TRIM - edge, 1194 mm (47 inch) long, cut from F64277X bulk trim, see below.....	1
6	413-516	BOLT - hex, 5/16 NC x 1 inch	4
7	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	4
8	231-1445	NUT - hex, self-locking, 5/16 inch NC	4
9	60-5836T1	COVER - rear instrument panel.....	1
10	60-5828T1	SEAL - foam	1
11	111626C1	NUT - hex, self-locking, special, 1/4 inch NC	6
12	353-401	PLUG - button, 5/16 inch, replaces 60-4582T1 plug	2
13	60-5980T1	DECAL - master lamps, ROPS	1
14	245334C1	PLUG - panel switch cover, replaces 60-3210T1 plug	2
F64277X		TRIM - edge, bulk, 14478 mm (570 inch) long	UAR



9370, 9380, and 9390 Tractor
CAB CONTROL CONSOLE
Power Shift Tractor

9-57

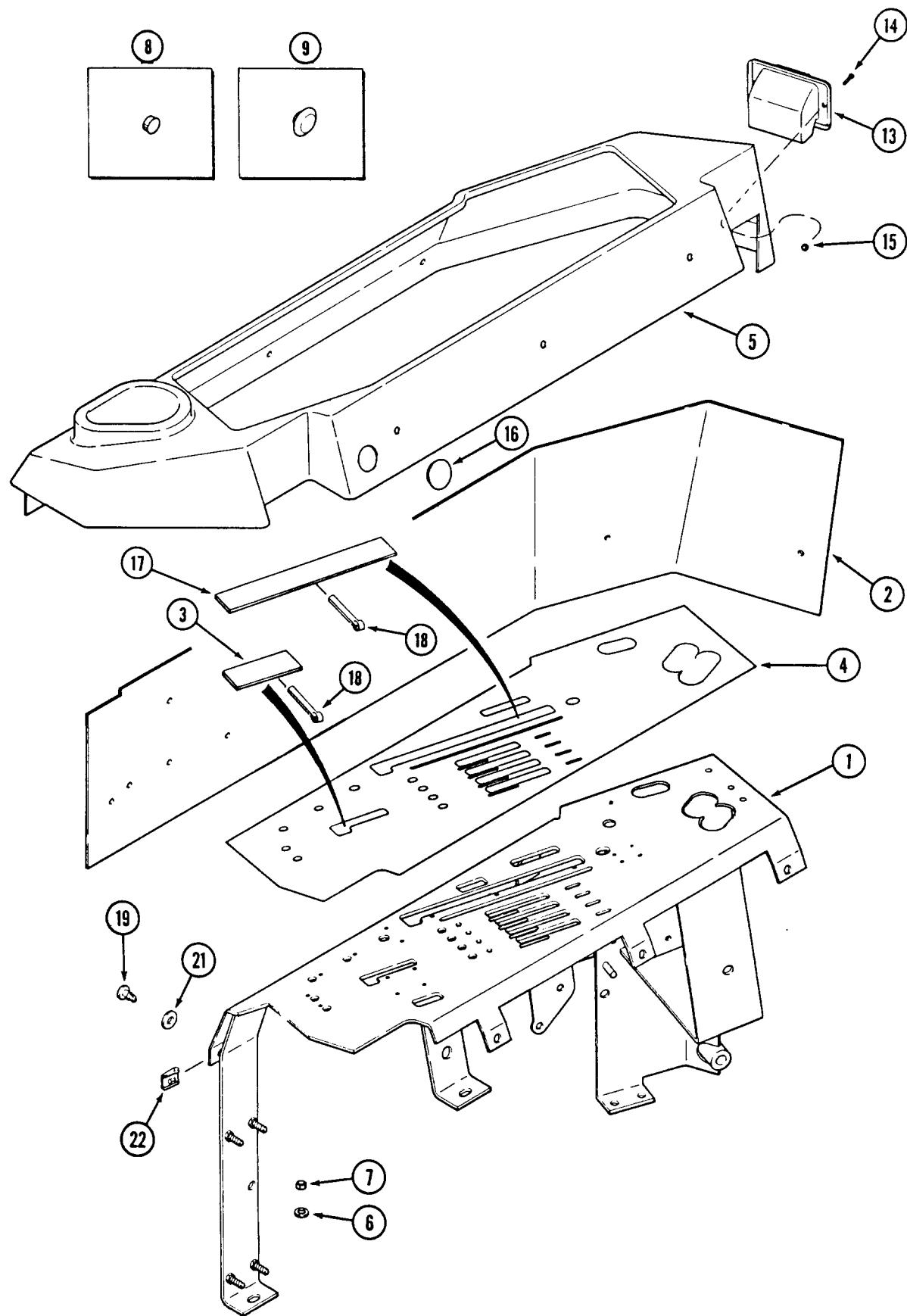
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6979T2	PANEL - control	1
2	60-6106T1	PANEL - console wraparound	1
3	60-6063T1	COVER - console panel	1
4	60-6416T1	DECAL - control console	1
5	60-6436T1	COVER - console	1
6	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	5
7	231-1445	NUT - hex, self-locking, 5/16 inch NC	5
8	60-7055T1	PLUG - slot	1
9	64-146	PLUG - hole, access	1
10	60-4258T1	PLUG - hole, flow control access	1
11	97079C3	BOX - operators manual	1
12	426-424	BOLT - hex, 1/4 NC x 1-1/2 inch, grade 8, used without deluxe storage compartment	3
12	426-416	BOLT - hex, 1/4 NC x 1 inch, grade 8, used with deluxe storage compartment	3
13	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	6
14	60-6062T1	SPACER - manual box, used without deluxe storage compartment	3
14	2-3010T1	SPACER - manual box, used with deluxe storage compartment	3
15	425-104	NUT - hex, 1/4 inch NC	3
16	60-4652T1	COVER - plate, without three point hitch	1
17	231-1445	NUT - hex, self-locking, 5/16 inch NC	4
19	60-7054T1	PLUG - slot	1
20	2-6138T91	ASHTRAY - smokers	1
21	473-10810	SCREW - machine, flat head slotted, No. 8 NC x 5/8 inch	2
22	131-29	NUT - hex, self-locking, No. 8 NC	2
23	432-820	PIN - cotter, 1/8 x 1-1/4 inch	5
26	19-6136	STUD - quarter turn	11
28	19-5668	WASHER - flat, 1/4 x 3/4 x 3/16 inch	11
29	A36042	RETAINER - quarter turn	11



9370, 9380, and 9390 Tractor
CAB CONTROL CONSOLE
SynchroShift Tractors

9-59

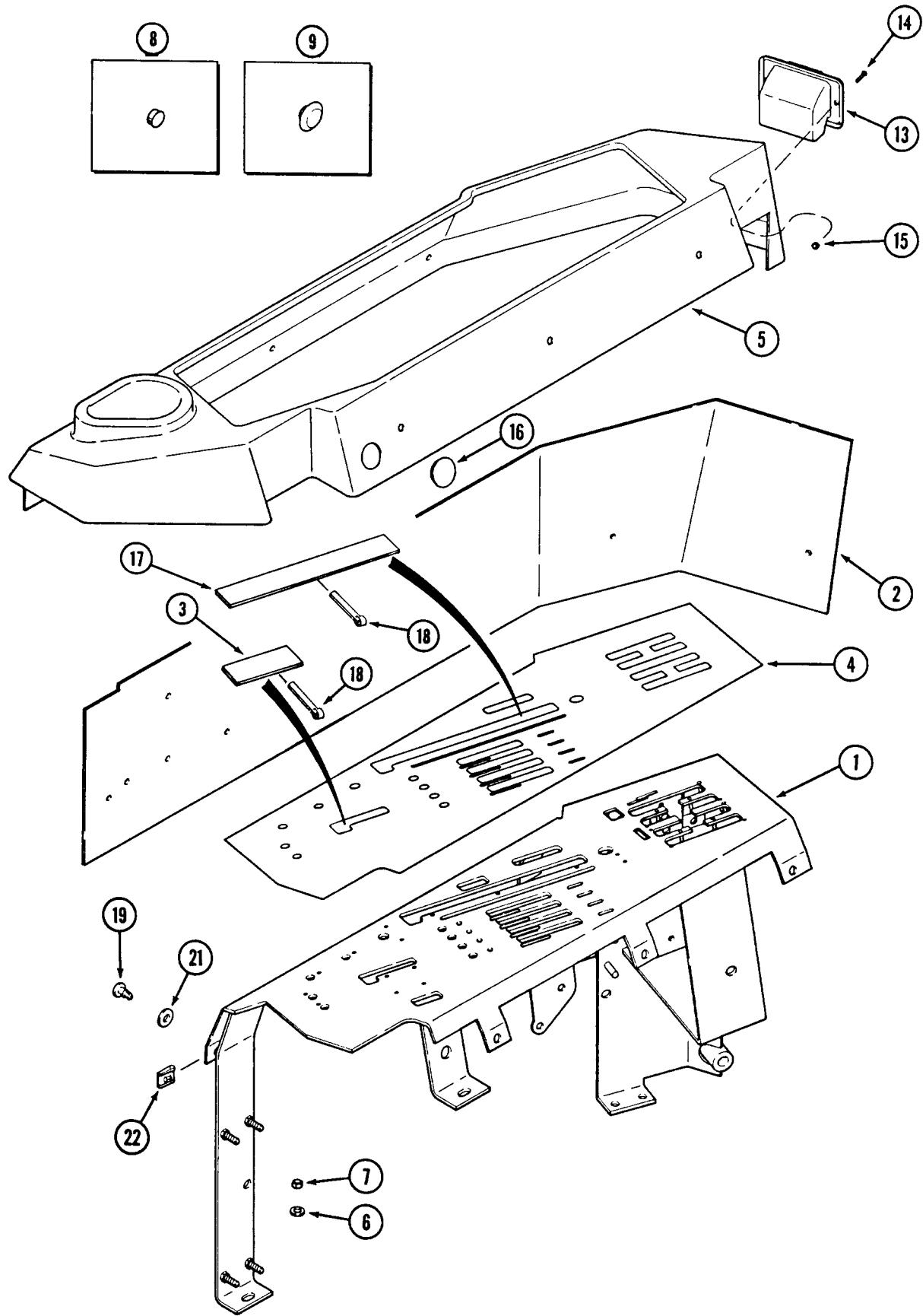
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6982T2	PANEL - control console	1
2	60-6106T1	PANEL - console wraparound	1
3	60-6063T1	COVER - console panel.....	1
4	60-7065T1	DECAL - control console	1
5	60-6436T1	COVER - console	1
6	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	5
7	231-1445	NUT - hex, self-locking, 5/16 inch NC	5
8	60-7055T1	PLUG - slot	1
9	60-7054T1	PLUG - slot	1
10	432-820	PIN - cotter, 1/8 x 1-1/4 inch	5
11	97079C3	BOX - operators manual	1
12	426-424	BOLT - hex, 1/4 NC x 1-1/2 inch, grade 8, used without deluxe storage compartment.....	3
12	426-416	BOLT - hex, 1/4 NC x 1 inch, grade 8, used with deluxe storage compartment.....	3
13	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	6
14	60-6062T1	SPACER - manual box, used without deluxe storage compartment	3
14	2-3010T1	SPACER - manual box, used with deluxe storage compartment	3
15	425-104	NUT - hex, 1/4 inch NC	3
20	2-6138T91	ASHTRAY - smokers.....	1
21	473-10810	SCREW - machine, flat head slotted, No. 8 NC x 5/8 inch	2
22	131-29	NUT - hex, self-locking, No. 8 NC	2
26	19-6136	STUD - quarter turn	11
28	19-5668	WASHER - flat, 1/4 x 3/4 x 3/16 inch.....	11
29	A36042	RETAINER - quarter turn.....	11
30	60-4258T1	PLUG - hole, flow control access.....	4
31	64-146	PLUG - hole, access	1



9370, 9380, and 9390 Tractor
ROPS CONTROL CONSOLE
Power Shift Tractor

9-61

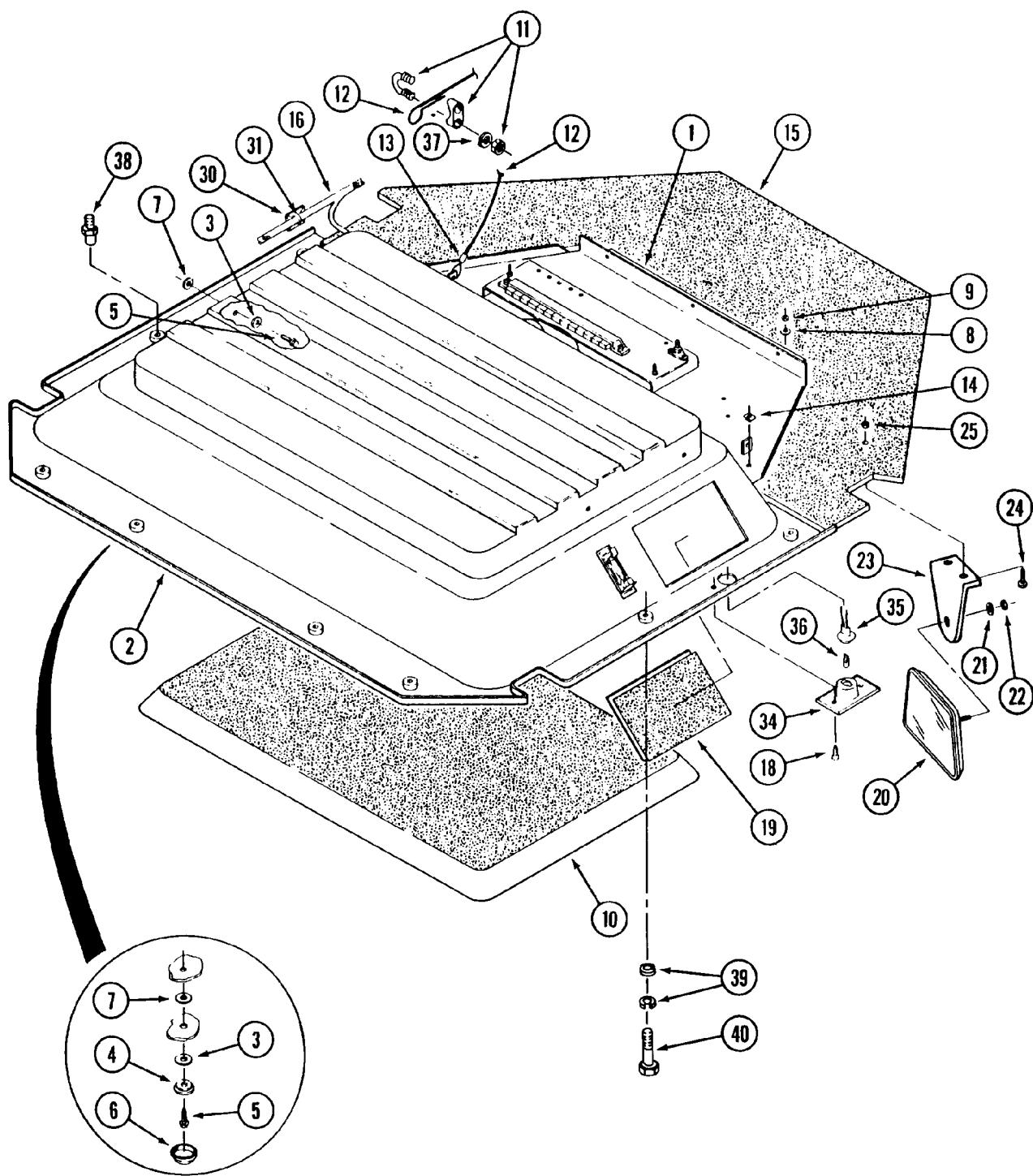
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6979T2	PANEL - control	1
2	60-6386T1	PANEL - console, wraparound	1
3	60-7055T1	PLUG - slot	1
4	60-6416T1	DECAL - control console	1
5	60-6436T1	COVER - console	1
6	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.	5
7	231-1445	NUT - hex, self-locking, 5/16 inch NC	5
8	64-146	PLUG - hole, access	1
9	60-4258T1	PLUG - hole, flow control access.	1
13	2-6138T91	ASHTRAY - smokers	1
14	473-10810	SCREW - machine, flat head slotted, No. 8 NC x 5/8 inch	2
15	131-29	NUT - hex, self-locking, No. 8 NC	2
16	22-619	GROMMET - plug	1
17	60-7054T1	PLUG - slot	1
18	432-820	PIN - cotter, 1/8 x 1-1/4 inch	5
19	19-6136	STUD - quarter turn	11
21	19-5668	WASHER - flat, 1/4 x 3/4 x 3/16 inch.	7
22	A36042	RETAINER - quarter turn.	11



9370, 9380, and 9390 Tractor
ROPS CONTROL CONSOLE
SynchroShift Tractor

9-63

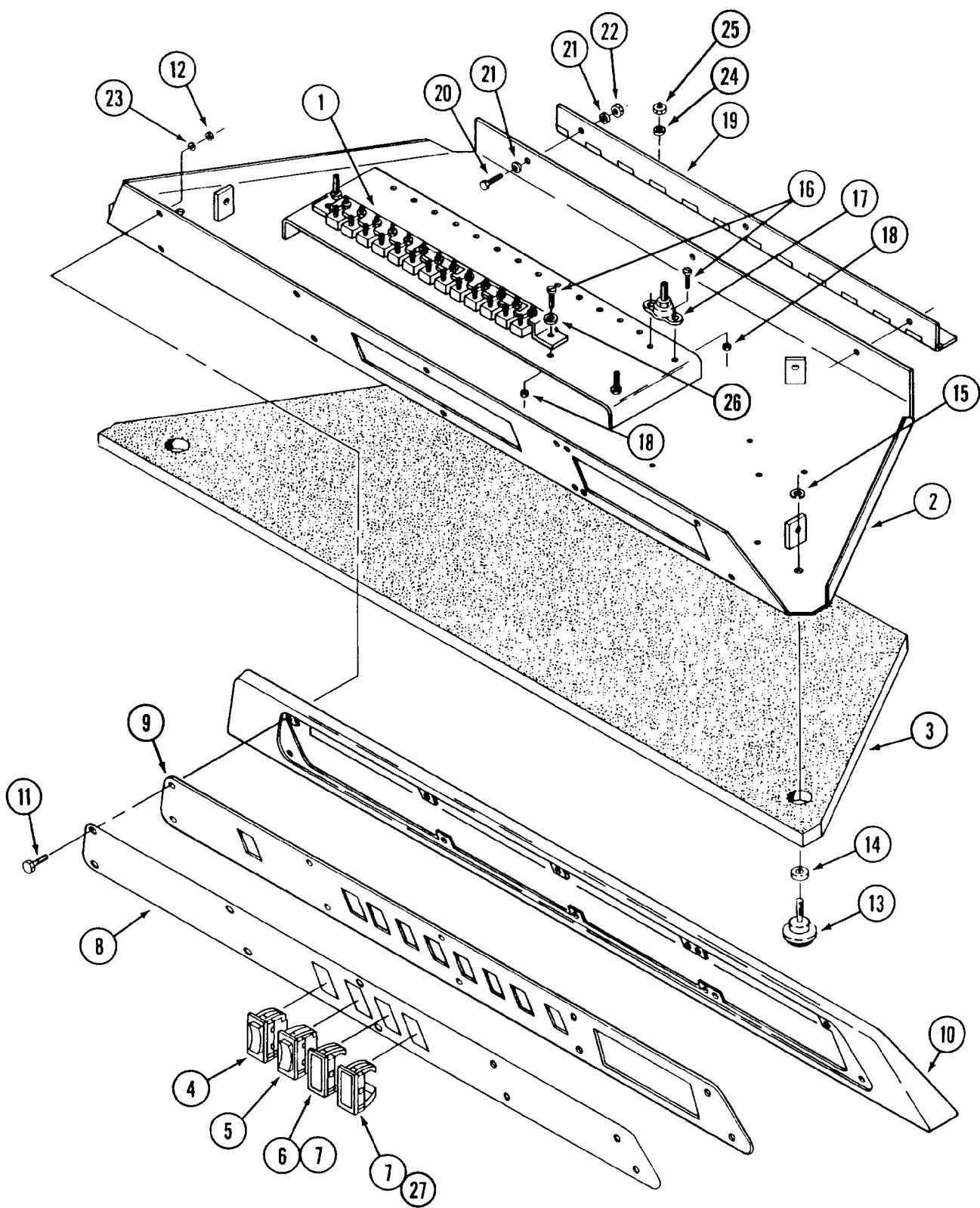
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6982T2	PANEL - control console	1
2	60-6386T1	PANEL - console, wraparound	1
3	60-7055T1	PLUG - slot	1
4	60-7065T1	DECAL - control console	1
5	60-6436T1	COVER - console	1
6	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	5
7	231-1445	NUT - hex, self-locking, 5/16 inch NC	5
8	64-146	PLUG - hole, access	1
9	60-4258T1	PLUG - hole, flow control access.....	1
13	2-6138T91	ASHTRAY - smokers.....	1
14	473-10810	SCREW - machine, flat head slotted, No. 8 NC x 5/8 inch	2
15	131-29	NUT - hex, self-locking, No. 8 NC	2
16	22-619	GROMMET - plug hole	1
17	60-7054T1	PLUG - slot	1
18	432-820	PIN - cotter, 1/8 x 1-1/4 inch	5
19	19-6136	STUD - quarter turn.....	11
21	19-5668	WASHER - flat, 1/4 x 3/4 x 3/16 inch.....	7
22	A36042	RETAINER - quarter turn.....	11



9370, 9380, and 9390 Tractor
CAB OVERHEAD CONSOLE

9-65

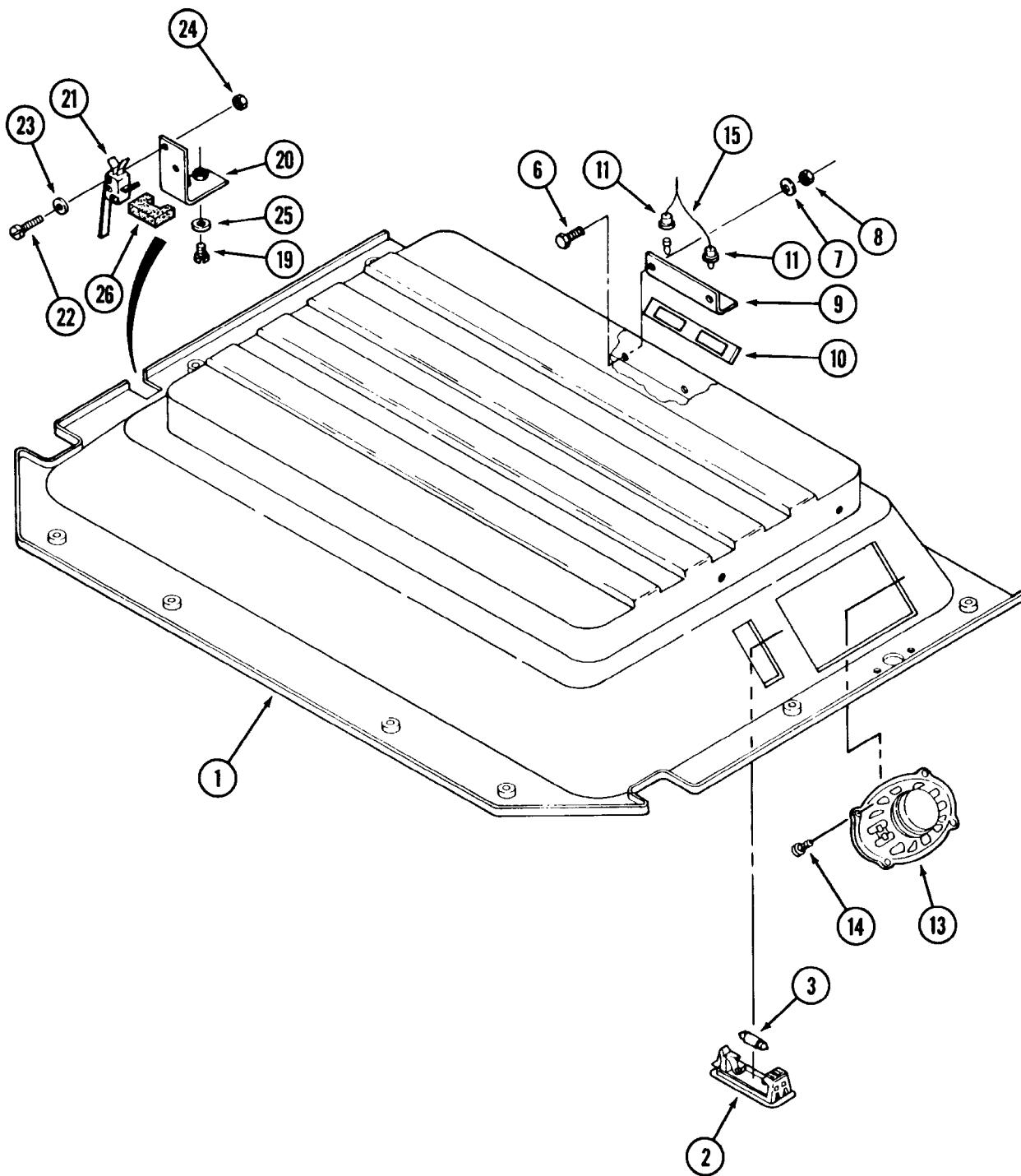
REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	DOOR - overhead, see page 9-67 for correct assembly and component parts.....	1
2	60-6254T3	HEADLINER - cab.....	1
3	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	8
4	1-8674	WASHER - trim	6
5	60-6688T1	SCREW - hex washer head, self-tapping, special.....	6
6	60-5920T1	CAP - trim, gray	6
7	19-5668	WASHER - flat, 1/4 x 3/4 x 3/16 inch.....	6
8	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	3
9	425-105	NUT - hex, 5/16 inch NC	3
10	60-6351T1	PAD - insulation.....	1
11	70-5275T1	CLAMP - includes U-bolt and nut	2
12	60-4137T1	ROPE - plastic coated wire, 394 mm (15-1/2 inch) long, cut from 70-5252T1 bulk rope, see below	2
13	70-5269T1	FERRULE - wire rope	4
14	131-837	NUT - U-type, 1/4 inch NC.....	2
15	60-5924T1	PAD - insulation, gray	1
16	60-6516T1	HARNESS - overhead, cab	1
18	24379R1	SCREW - self-tapping, pan Phillips, No. 8-18 x 1/2 inch.....	2
19	60-5922T1	PAD - speaker cover, gray.....	2
20	A177462	MIRROR - rear view, includes mounting hardware	1
21	493-41026	WASHER - external tooth lock, 1/4 inch.....	1
22	19-5565	NUT - hex, self-locking, 1/4 inch NF.....	1
23	64-86T3	BRACKET - rear view mirror	1
24	463-41012	SCREW - machine, hex slotted washer head, No. 10 NC x 3/4 inch	2
25	230-14409	NUT - hex, self-locking, No. 10 NC	2
30	22-823	MOUNT - adhesive back, strap	UAR
31	22-824	STRAP - tie, 7 inch	UAR
34	83882C91	LAMP ASSEMBLY - console illumination	1
35	107329C1	SOCKET AND CABLE - bulb	1
36	D71346	BULB - lamp, No. 168	1
37	492-11010	WASHER - lock, No. 10	2
38	60-6256T1	STUD - anchor	1
39	492-11050	WASHER - lock, 1/2 inch	2
40	426-816	BOLT - hex, 1/2 NC x 1 inch, grade 8	1
	70-5252T1	ROPE - wire, bulk, 7620 mm (300 inch) long	UAR



**9370, 9380, and 9390 Tractor
CAB OVERHEAD DOOR**

9-67

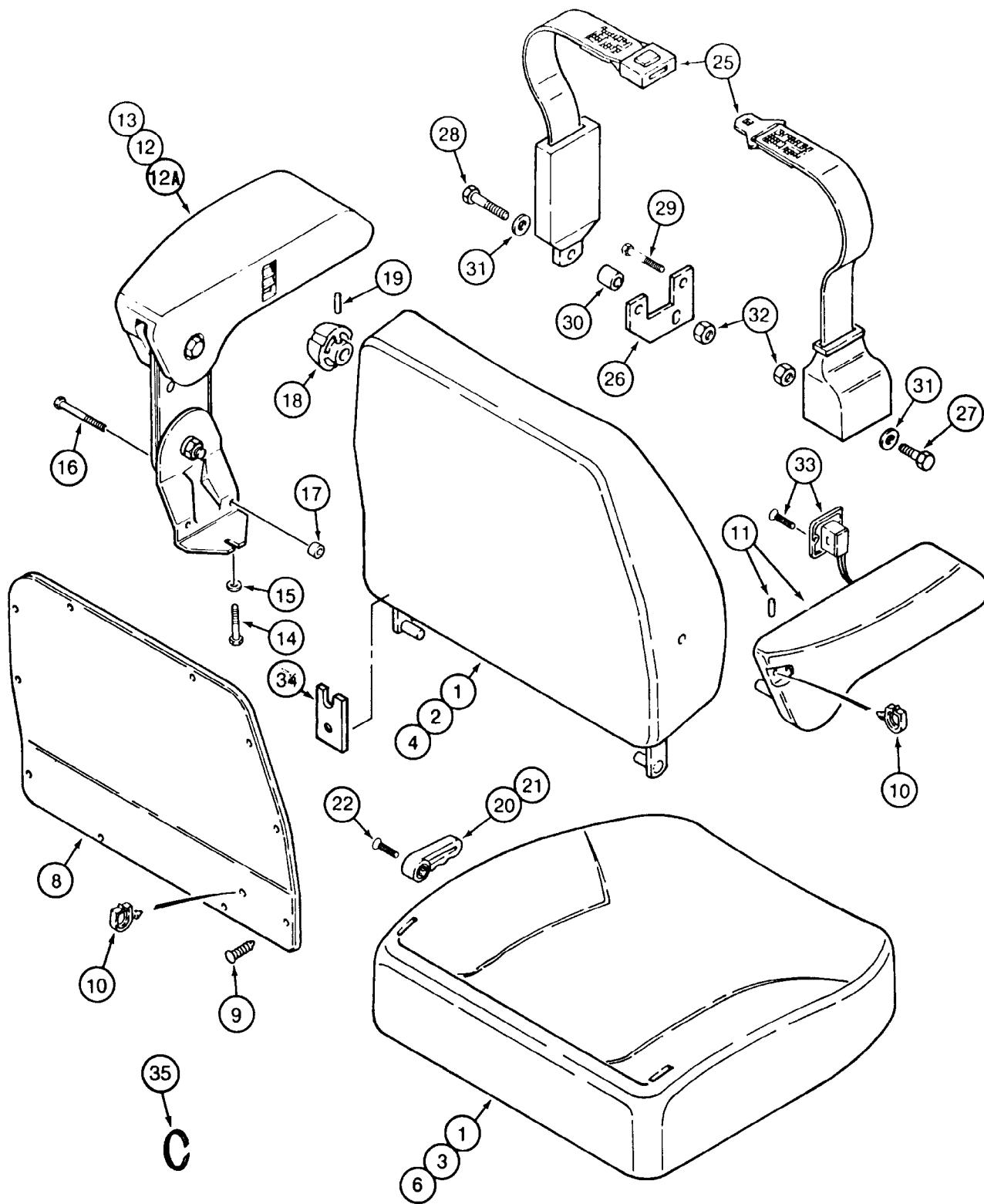
REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	BREAKER ASSEMBLY - circuit, parts list page 4-15	1
2	60-5758T1	DOOR - overhead, console	1
3	60-5923T1	PAD - insulation, door, gray	1
4	1964752C1	SWITCH - rocker, master light	1
5	245012C1	SWITCH - rocker, dash lights	1
6	1964751C1	SWITCH - rocker, ether start, if equipped	1
7	245334C1	PLUG - panel switch cover, replaces 60-3210T1 plug	2
8	60-7153T1	DECAL - overhead controls	1
9	60-6459T1	PANEL - rocker switch	1
10	60-5928T1	COVER - console door, gray	1
11	363-30812	SCREW - machine, hex washer head, No. 8 NC x 3/4 inch	8
12	131-29	NUT - hex, self-locking, No. 8 NC	8
13	60-4033T1	KNOB ASSEMBLY - console release, no longer available, order component parts	2
13A	60-4135T1	STUD - release knob, not shown	1
13B	60-4136T1	KNOB - console release, not shown	1
14	19-6126	SPACER - knob	2
15	661406R1	WASHER - locking, replaces 267689R1 ring	2
16	459-5108	SCREW - machine, pan head slotted, No. 10 NF x 1/2 inch	4
17	20-1451T1	BLOCK - junction	1
18	193-1000	NUT - hex, with external tooth lock washer, No. 10 NF	4
19	60-4034T1	HINGE - console door	1
20	426-48	BOLT - hex, 1/4 NC x 1/2 inch, grade 8	3
21	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	3
22	231-1444	NUT - hex, self-locking, 1/4 inch NC	3
23	495-21019	WASHER - flat, 3/16 x 7/16 x 3/64 inch	8
24	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	3
25	425-105	NUT - hex, 5/16 inch NC	3
26	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch	2
27	1987431C1	SWITCH - rocker, if equipped	1



9370, 9380, and 9390 Tractor
CAB HEADLINER

9-69

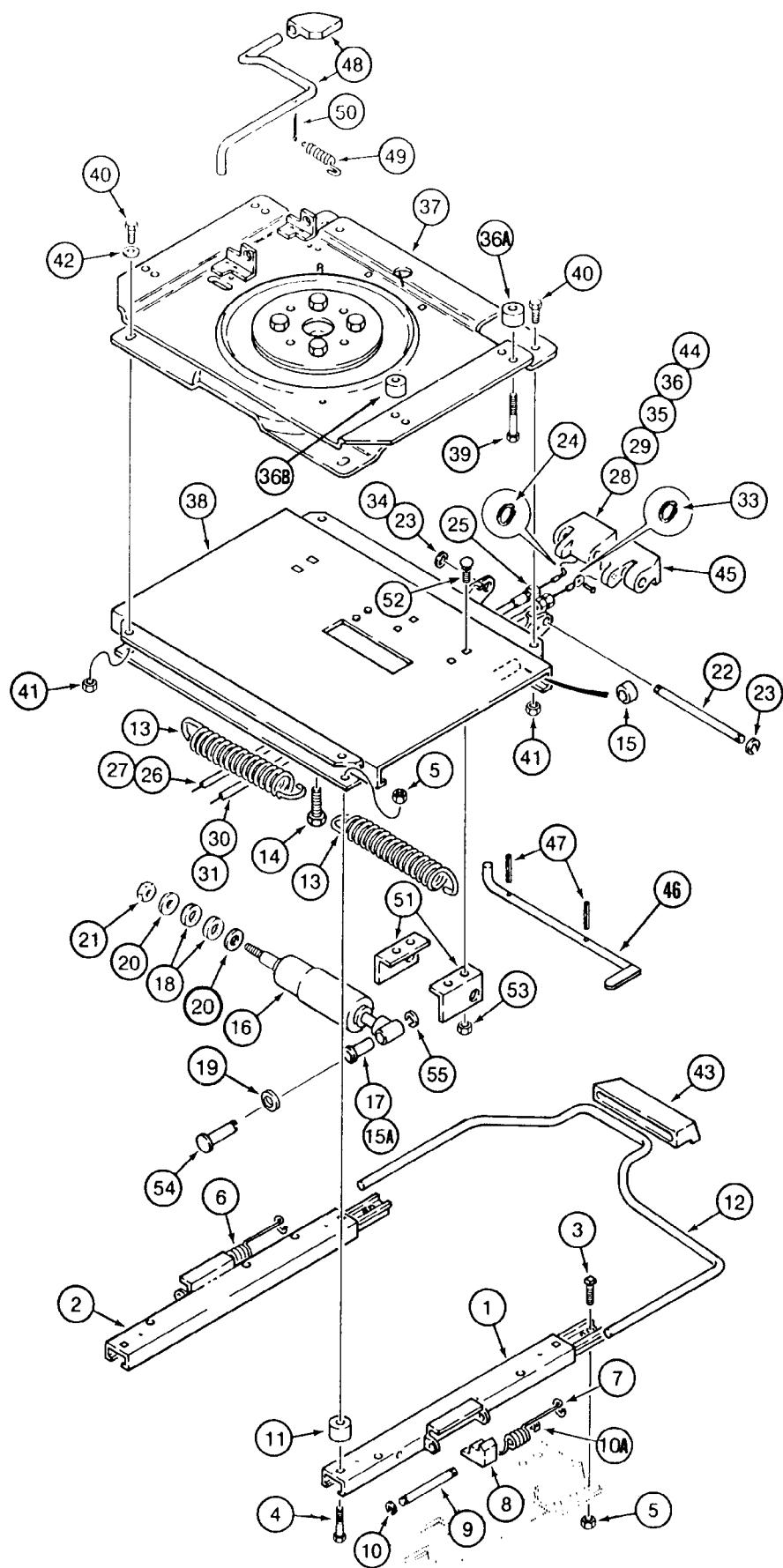
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6254T4	HEADLINER - cab.....	1
2	1983391C1	LAMP - dome.....	1
3	E35556	BULB - lamp.....	1
6	163-45	SCREW - machine, hex head, No. 10 NC x 1/2 inch.....	2
7	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	2
8	225-14110	NUT - hex, No. 10 NC	2
9	60-6299T1	PLATE - mounting, lamp	1
10	60-4029T1	PLATE - diffuse, lamp	1
11	B50213	BULB - lamp, No. 53	2
13	60-5748T1	SPEAKER - radio	2
14	440-11010	SCREW - machine, pan Phillips, No. 10 NC x 5/8 inch.....	8
15	60-6516T1	HARNESS - overhead, cab	1
19	340-1108	SCREW - machine, pan Phillips, No. 10 NC x 1/2 inch.....	2
20	60-6518T1	BRACKET - mounting, switch	1
21	60-6515T1	SWITCH - lamp, door	1
22	19-1035	SCREW - machine, round head, No. 4 NC x 1 inch	2
23	495-31016	WASHER - flat, 5/32 x 3/8 x 3/64 inch.....	2
24	225-14104	NUT - hex, No. 4 NC	2
25	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	2
26	60-6579T1	SEAL - switch	1



DELUXE AIR SUSPENSION SEAT

Cushions, Arm Rests, and Seat Belt

REF.	PART NO.	DESCRIPTION	REQ'D.
	144845A2	SEAT ASSEMBLY - deluxe suspension, replaced by 144845A3 seat, parts list pages 9-71 through 9-81	1
	144845A3	SEAT ASSEMBLY - deluxe suspension, replaces 144845A2 seat, parts list pages 9-71 through 9-81	1
1	134181A2	KIT - seat top, without armrest	1
2	132886A1	KIT - backrest, cloth, complete with lumbar knob, without armrest	1
3	132888A2	KIT - seat cushion, with structure	1
	132884A1	KIT - backrest pad only, cloth	1
4	NSS	PAD - backrest	1
5	NSS	RING - fastener, not shown	25
	223395A1	KIT - seat cushion pad	1
6	NSS	PAD - seat cushion	1
7	NSS	RING - fastener, not shown	25
	1974713C2	KIT - backrest cover and retainers	1
8	NSS	COVER - backrest plate	1
9	NSS	CLIP - retaining, plastic	10
10	NSS	CLIP - cable retaining	2
11	143199A1	ARMREST - right-hand, black, includes one drive pin	1
12	132882A1	ARMREST - left-hand, black	1
12A	143214A1	ARMREST - left-hand	1
13	132883A1	KIT - left-hand armrest adjustment	1
14	413-528	BOLT - hex, 5/16 NC x 1-3/4 inch	1
15	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	1
16	413-544	BOLT - hex, 5/16 NC x 2-3/4 inch	2
17	1343875C1	SPACER - 25/64 ID x 1/2 inch	2
	1999691C1	KIT - seat knob	1
18	NSS	KNOB - lumbar	1
19	38-31016	PIN - roll, 5/32 x 1 inch	2
20	NSS	KNOB - back tilt cover	1
21	NSS	HANDLE - recliner	1
22	NSS	SCREW - special	1
	1344158C1	BELT - seat	1
25	1343982C1	BELT - seat	1
26	NSS	BRACKET - seat belt, left-hand	1
27	328-724	BOLT - hex, 7/16 NF x 1-1/2 inch, grade 8	1
28	328-732	BOLT - hex, 7/16 NF x 2 inch, grade 8	1
29	413-544	BOLT - hex, 5/16 NC x 2-3/4 inch	2
30	NSS	SPACER - 3/8 x 3/8 inch	1
31	395-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	2
32	232-4117	NUT - hex, self-locking, 7/16 inch NC	2
33	132868A1	KIT - height adjustment, includes (3) cover plates, (1) rocker switch, and (4) screws	1
34	141566A1	PLATE - reinforcement	1
35	176091A1	KIT - retaining, hog ring, package of 48 rings for cushions	1

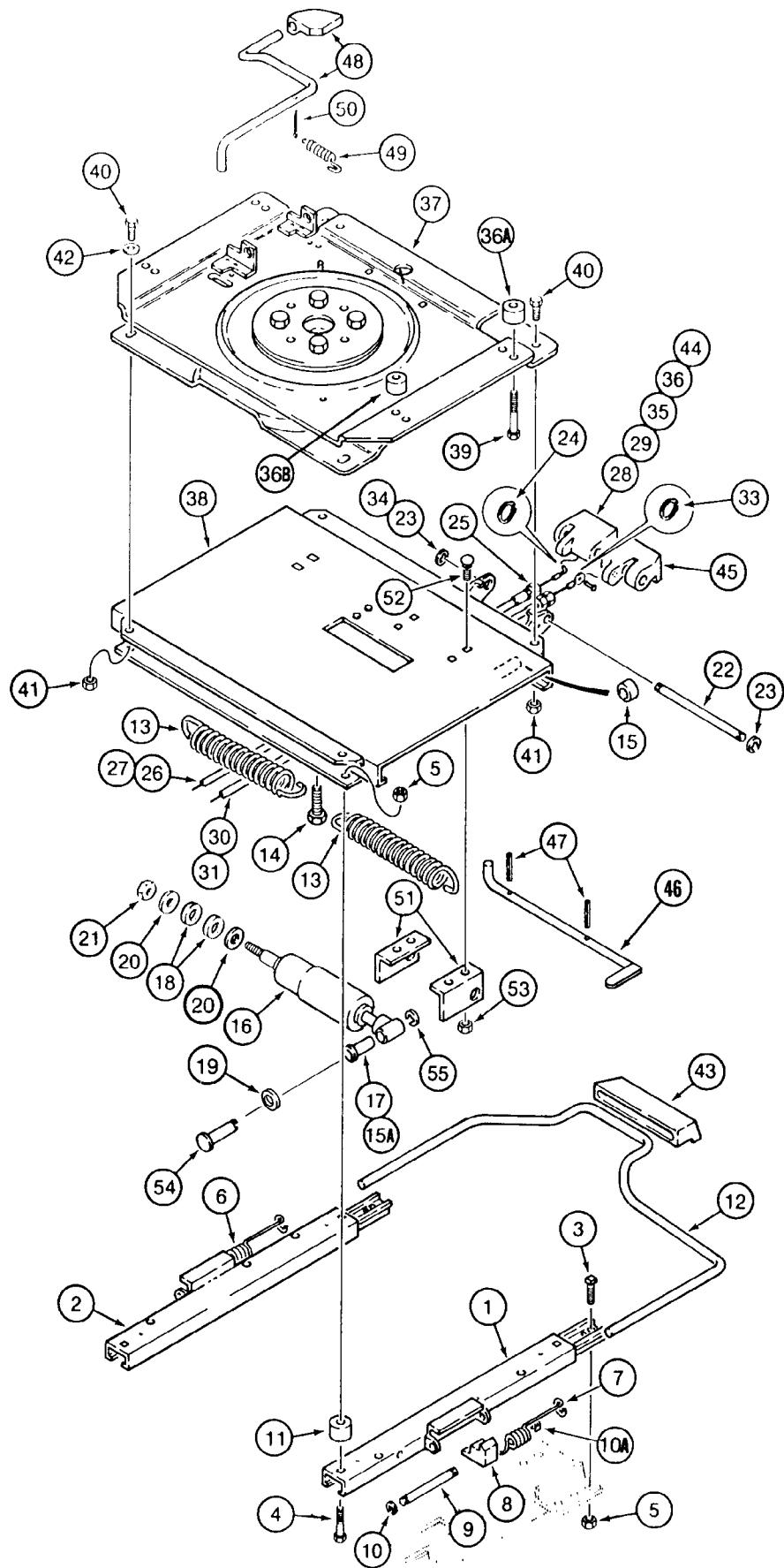


DELUXE AIR SUSPENSION SEAT

Swivel Plate and Slides

REF.	PART NO.	DESCRIPTION	REQ'D.
	144845A2	SEAT ASSEMBLY - deluxe suspension, replaced by 144845A3 seat, parts list page 9-71 through 9-81	1
	144845A3	SEAT ASSEMBLY - deluxe suspension, replaces 144845A2 seat, parts list pages 9-71 through 9-81	1
	132875A1	KIT - seat slide	1
1	NSS	SLIDE - locking, right-hand	1
2	NSS	SLIDE - locking, left-hand	1
3	117-109	BOLT - square head, 5/16 NC x 3/4 inch	4
4	413-520	BOLT - hex, 5/16 NC x 1-1/4 inch	4
5	230-4215	NUT - hex, self-locking, 5/16 inch NC	8
6	135513A1	SPRING - torsion, left-hand	1
7	135514A1	SPRING - torsion, right-hand	1
8	NSS	BLOCK - spring	2
9	NSS	PIN - torsion	2
10	*100-3325	RING - E-type, external retaining, No. 25, replaces 103-1131 ring	2
10A	*131-413	NUT - push-on type, 1/4 x 17/32 inch	2
	132861A3	KIT - suspension, additional parts list pages 9-75 through 9-81	1
11	134144A1	SPACER - plate	8
12	134146A1	LEVER - slide control	1
	1987290C1	KIT - spring, lateral isolator, includes (2) springs and (1) bolt	1
13	NSS	SPRING - lateral	2
14	413-816	BOLT - hex, 1/2 NC x 1 inch	1
	135512A2	KIT - roller bearing	1
15	NSS	ROLLER - bearing	4
15A	NSS	BUSHING - shock	1
	1987219C2	KIT - lateral isolator shock, includes shock absorber, (1) bearing, (2) bushings, (1) nut, (2) washers, (1) spacer and (1) retaining ring	1
16	NSS	ABSORBER - shock	1
17	NSS	BUSHING - shock	1
18	NSS	BUSHING - rubber	2
19	NSS	SPACER - shock	2
20	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch, one required	2
21	230-4715	NUT - hex, self-locking, 5/16 inch NF, one required	2
	132869A1	KIT - ride firmness control	1
22	*NSS	PIN - control pivot	1
23	*100-3331	RING - E-type, external retaining, No. 31	2
24	NSS	RING - retaining	1
25	NSS	NUT - hex, self-locking, 1/4 inch NC	2
26	NSS	CABLE - shock adjust	1
27	L18337	STRAP - tie, 15 inch, cable	3
28	NSS	SPRING - compression	1
29	NSS	BEARING - ball	1
	*175088A1	KIT - retainer, contains items above marked with an asterisk	1

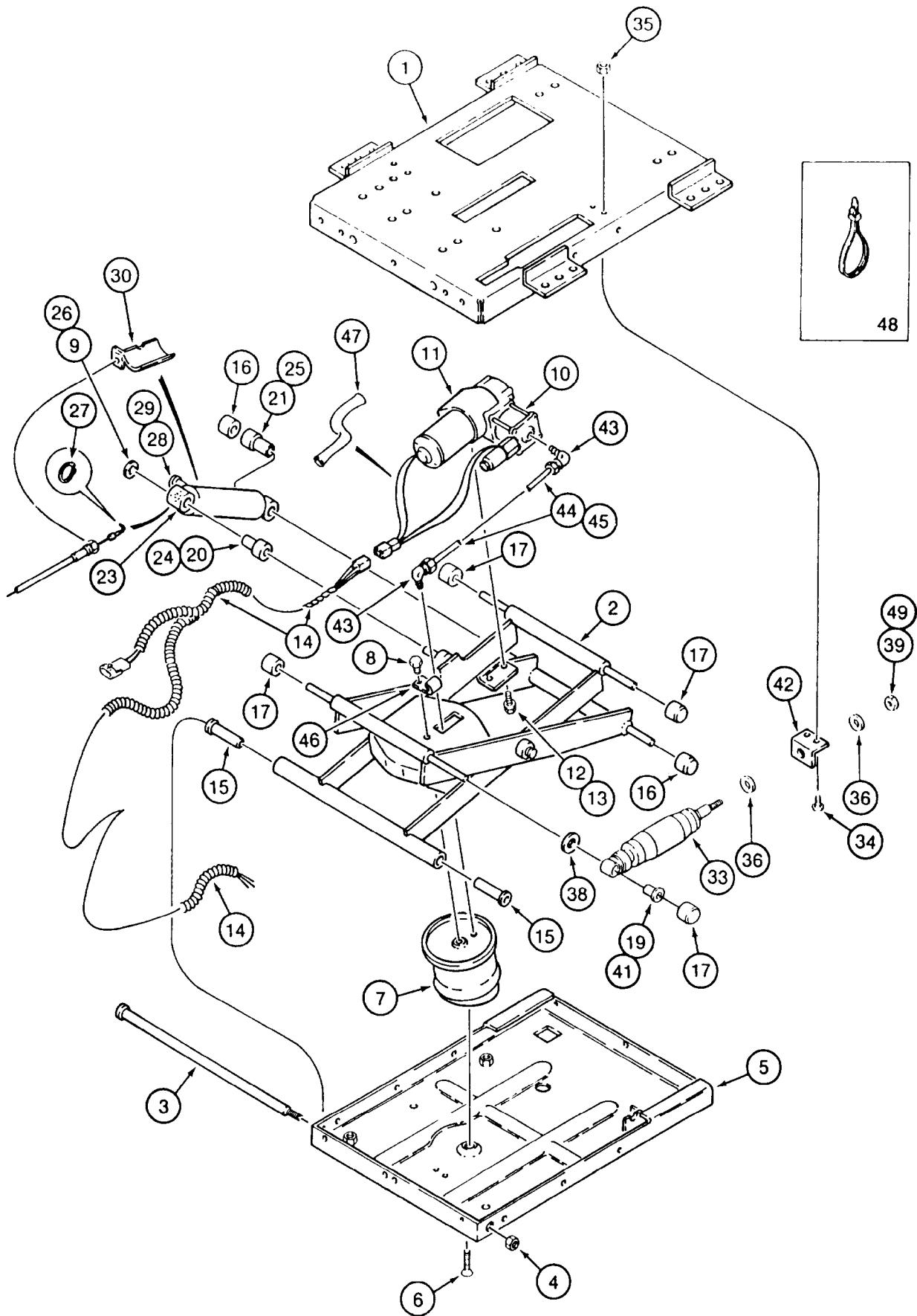
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DELUXE AIR SUSPENSION SEAT

Swivel Plate and Slides

REF.	PART NO.	DESCRIPTION	REQ'D.
	144845A2	SEAT ASSEMBLY - deluxe suspension, replaced by 144845A3 seat, parts list pages 9-71 through 9-81	1
	144845A3	SEAT ASSEMBLY - deluxe suspension, replaces 144845A2 seat, parts list pages 9-71 through 9-81	1
	132861A3	KIT - suspension, additional parts list pages 9-75 through 9-81	1
	132870A1	KIT - isolator lock cable.	1
30	NSS	CABLE - solator lock	1
31	L18337	STRAP - tie, 15 inch, cable	3
32	NSS	RIVET - retainer, not shown	1
33	* NSS	RING - retaining.	1
34	* NSS	RING - retaining.	2
35	* NSS	RING - compression	1
36	* NSS	BEARING - ball	1
36A	187006A1	SPACER - cupped, 5/8 inch	2
36B	700711545	SPACER - cupped, 3/8 inch	2
37	134148A1	PLATE - swivel	1
38	132878A2	PLATE - lateral isolator, includes items 13-21 on page 9-63 and items 50-55 below.	1
39	413-532	BOLT - hex, 5/16 NC x 2 inch.	4
40	413-510	BOLT - hex, 5/16 NC x 5/8 inch	4
41	231-4115	NUT - hex, self-locking, 5/16 inch NC	4
42	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	2
	134143A1	KIT - control knob	1
43	NSS	KNOB - fore/aft slide	1
44	NSS	KNOB - fore/aft isolator	1
45	NSS	KNOB - damping adjustment.	1
46	135510A1	ROD - isolator, includes knob.	1
47	38-31012	PIN - roll, 5/32 x 3/4 inch	2
48	135511A1	ROD - swivel, includes knob	1
49	A47375	SPRING - detent	1
50	NSS	PIN - cotter	1
51	NSS	BRACKET - angle	2
52	433-512	BOLT - carriage, 5/16 NC x 3/4 inch	4
53	231-4115	NUT - hex, self-locking, 5/16 inch NC	4
54	1344025C1	PIN - clevis	1
55	100-3350	RING - E-type, external retaining, No. 50, replaces A27804 ring.	1
* 175088A1		KIT - retainer, contains items above marked with an asterisk	1

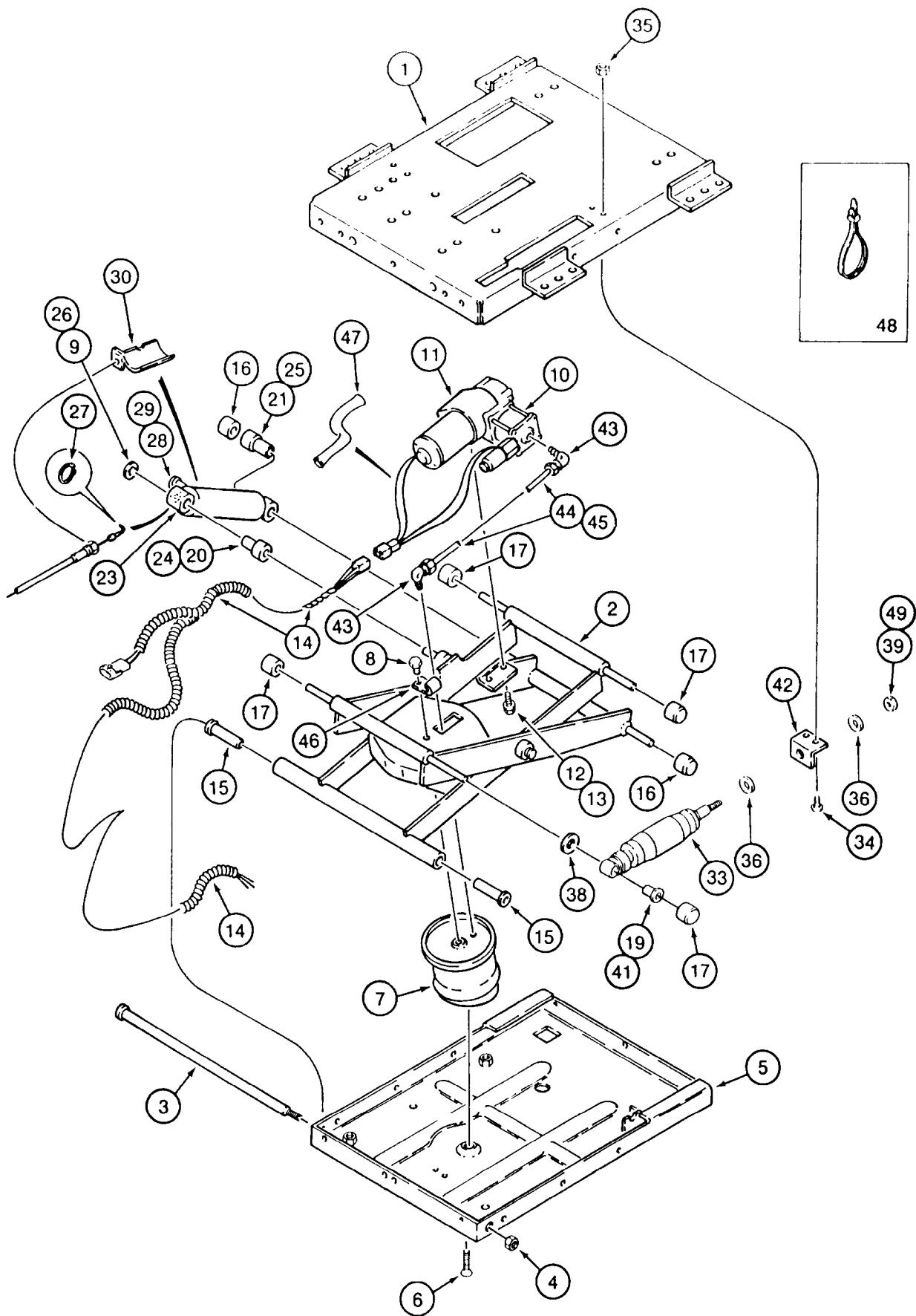


DELUXE AIR SUSPENSION SEAT

Suspension

REF.	PART NO.	DESCRIPTION	REQ'D.
	144845A2	SEAT ASSEMBLY - deluxe suspension, replaced by 144845A3 seat, parts list pages 9-71 through 9-81	1
	144845A3	SEAT ASSEMBLY - deluxe suspension, replaces 144845A2 seat, parts list pages 9-71 through 9-81	1
	132861A3	KIT - suspension, additional parts list pages 9-75 through 9-81	1
1	1990642C1	HOUSING - upper, suspension	1
2	132862A1	ARM - suspension	1
3	A49529	SHAFT - bushing tube	1
4	230-4216	NUT - hex, self-locking, 3/8 inch NC	1
5	1981834C1	HOUSING - lower	1
6	443-13812	SCREW - machine, flat Phillips, 3/8 NC x 3/4 inch	1
	197793A1	KIT - air spring, includes air spring, J-clip and (3) tie straps	1
7	NSS	SPRING - air	1
7	NSS	CLAMP - J-type	1
8	413-68	BOLT - hex, 3/8 NC x 1/2 inch	1
9	131-425	NUT - push-on type, 1/2 inch	1
	132864A1	KIT - compressor/valve, includes compressor, valve, mount, air line tubing, (2) screws, (2) sleeves and (2) nuts	1
10	NSS	COMPRESSOR - air	1
11	NSS	BRACKET - compressor mounting	1
12	NSS	SCREW - special	2
13	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch	2
14	132867A1	HARNESS - wire	1
	180594A3	KIT - rollers and bearings, includes (2) bushings, (6) rollers, (1) push nut, (5) bearings and (2) spacers	1
15	NSS	BUSHING - shaft	2
16	NSS	ROLLER - suspension	2
17	NSS	ROLLER - bearing	4
18	NSS	BEARING - isolator latch tube, not shown, see item 7 on page 9-71 for bearing	1
19	NSS	BEARING - fore/aft shock	1
20	NSS	BEARING - suspension shock, upper	1
21	NSS	BEARING - suspension shock, lower	1
	132866A1	KIT - shock absorber, includes shock, (2) bearings, fastener, actuator arm, roll pin, bracket and retaining ring, suspension	1
23	NSS	ABSORBER - shock	1
24	NSS	BEARING - suspension shock, upper	1
25	NSS	BEARING - suspension shock, lower	1
26	131-425	NUT - push-on type, 1/2 inch	1
27	NSS	RING - retaining	1
28	138-317	PIN - roll, 1/8 x 5/8 inch	1
29	NSS	ARM - actuator	1
30	144514A1	BRACKET - cable control	1
	227546A1	KIT - shock, fore/aft, replaces 1990646C3 kit	1
31	NSS	SHOCK - bearing, not shown	1
32	NSS	BUSHING - suspension, not shown	2
33	NSS	SHOCK - absorber	1
34	434-48	BOLT - carriage, 1/4 NC x 1/2 inch	2
35	231-1444	NUT - hex, self-locking, 1/4 inch NC	2

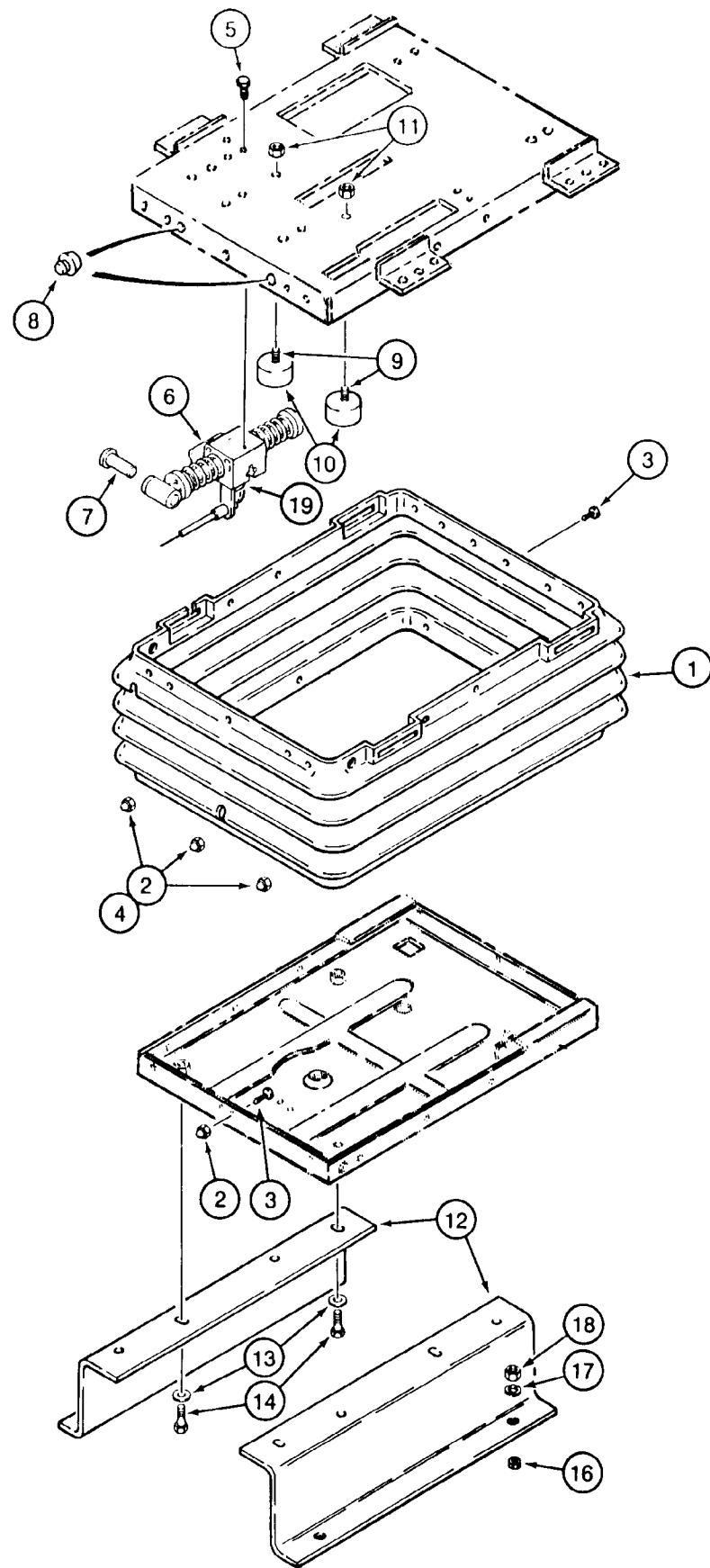
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DELUXE AIR SUSPENSION SEAT

Suspension

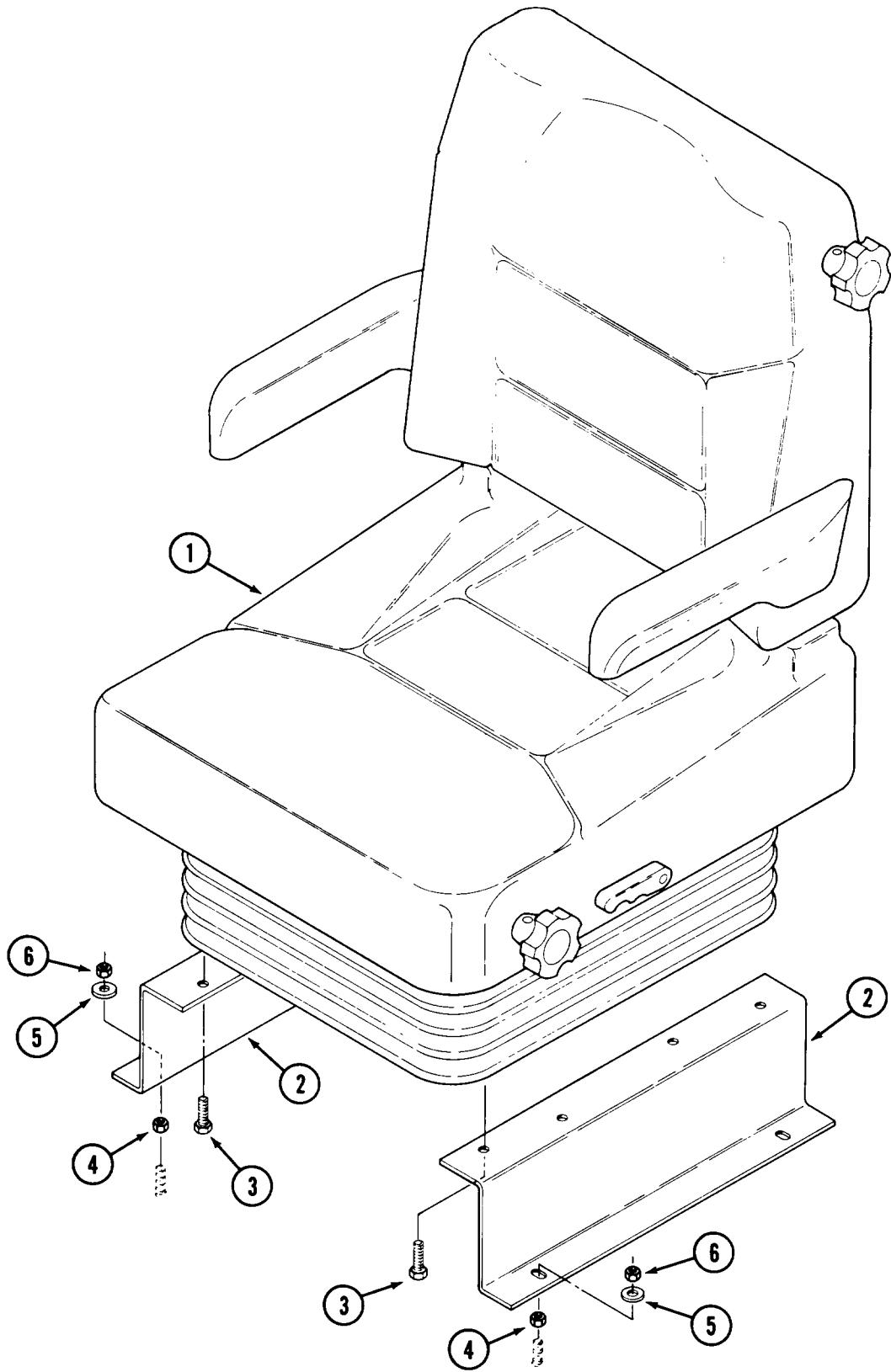
REF.	PART NO.	DESCRIPTION	REQ'D.
	144845A2	SEAT ASSEMBLY - deluxe suspension, replaced by 144845A3 seat, parts list pages 9-71 through 9-81	1
	144845A3	SEAT ASSEMBLY - deluxe suspension, replaces 144845A2 seat, parts list pages 9-71 through 9-81	1
	132861A3	KIT - suspension, additional parts list page 9-75 through 9-81	1
	227546A1	KIT - shock, fore/aft, continued, replaces 1990646C3 kit	1
36	495-11041	WASHER - flat, 13/32 x 13/16 x 1/16 inch.	1
38	NSS	SPACER - shock	1
39	230-4715	NUT - hex, self-locking, 5/16 inch NF	1
40	NSS	BEARING - shock, not shown	2
41	NSS	BUSHING - fore/aft shock	1
42	1981845C1	ANGLE - mounting, shock	1
	132871A1	KIT - fitting.	1
43	NSS	ELBOW - 90 degree, compression	2
44	NSS	TUBE - nylon	1
45	L18337	STRAP - tie, 15 inch	2
46	NSS	CLAMP - J-type	1
47	179026A1	SLEEVE - guard, 10 (3/8) ID x 615 mm (24-1/4 inch) long.	1
48	L18337	STRAP - tie, 15 inch	3
49	230-4715	NUT - hex, self-locking, 5/16 inch NF	1



DELUXE AIR SUSPENSION SEAT

Boot and Mounts

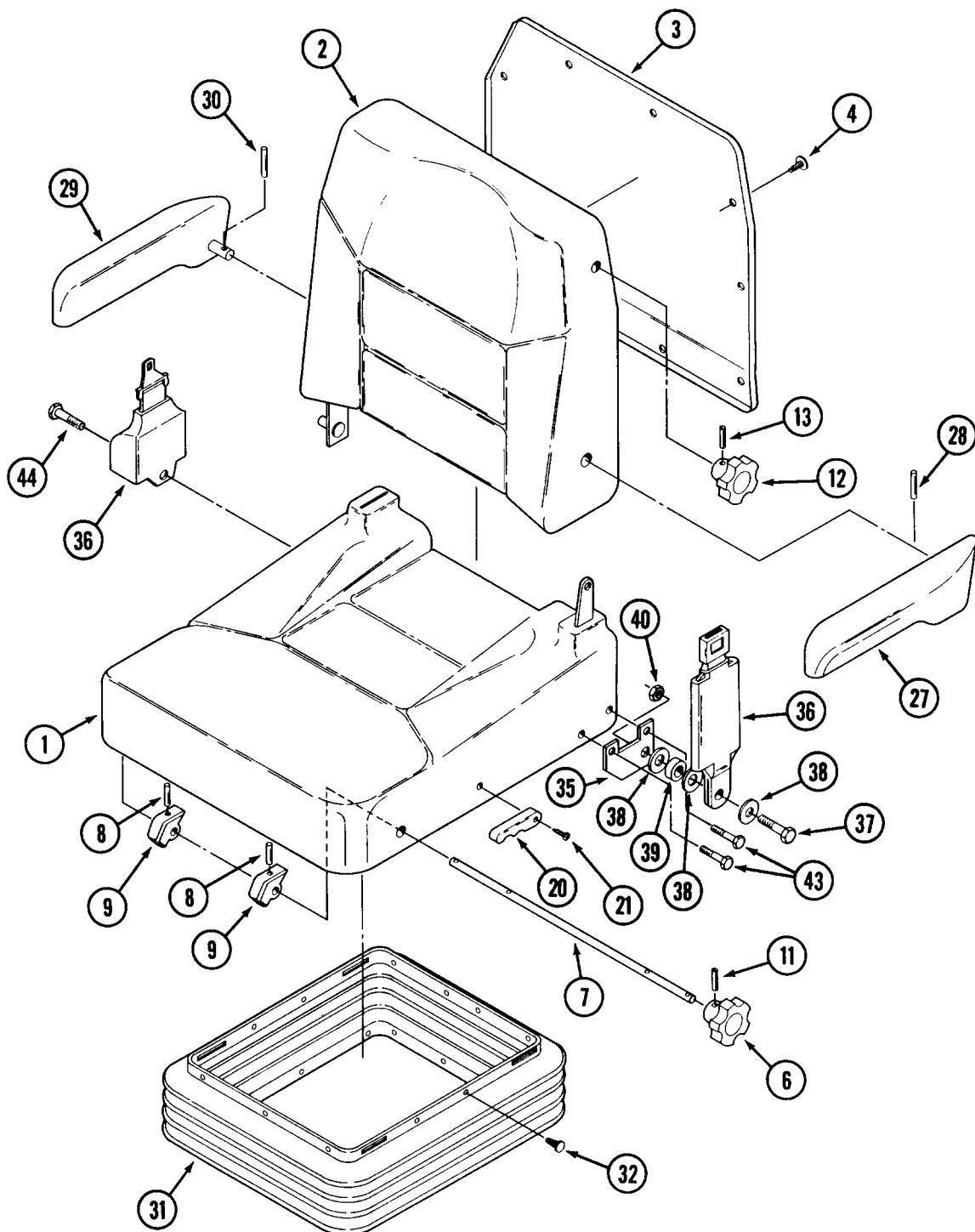
REF.	PART NO.	DESCRIPTION	REQ'D.
	144845A2	SEAT ASSEMBLY - deluxe suspension, replaced by 144845A3 seat, parts list page 9-71 through 9-81	1
	144845A3	SEAT ASSEMBLY - deluxe suspension, replaces 144845A2 seat, parts list pages 9-71 through 9-81	1
	132861A3	KIT - suspension, additional parts list pages 9-75 through 9-81	1
	133421A1	KIT - boot, fore/aft	1
1	NSS	BOOT - suspension	1
	132872A1	KIT - boot pin, package of 23 retainers and 3 dome nuts	1
2	NSS	NUT - dome	3
3	NSS	CLIP - retaining, plastic	23
4	NSS	CLIP - dart	3
5	276-24812	SCREW - self-tapping, hex head, 5/16 NC x 3/4 inch	2
6	132863A1	LATCH - isolator, fore/aft	1
7	NSS	BEARING - isolator latch tube, included in 180594A3 roller and bearing kit on page 9-77	1
8	133422A1	BUMPER - down stop	2
9	*NSS	SCREW - special	2
10	*NSS	BUMPER - rubber, upper housing	2
11	*231-1444	NUT - hex, self-locking, 1/4 inch NC	2
12	222771A1	BRACKET - mounting, seat	2
13	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	4
14	614-8020	BOLT - hex, full threads, 8 - 1.25 x 20 mm	4
16	F15988	SPACER - seat mounting	4
17	892-11008	WASHER - lock, 8 mm	4
18	829-1408	NUT - hex, 8 mm - 1.25, class 10	4
	190156A1	KIT - block	1
19	NSS	BLOCK - isolator	2
19	NSS	SPRING - isolator	2
19	NSS	SCREW - isolator	2
	* 180593A1	KIT - bumper, includes all items above with an asterisk	1



9370, 9380, and 9390 Tractor
VINYL SEAT MOUNTING
Mechanical Suspension

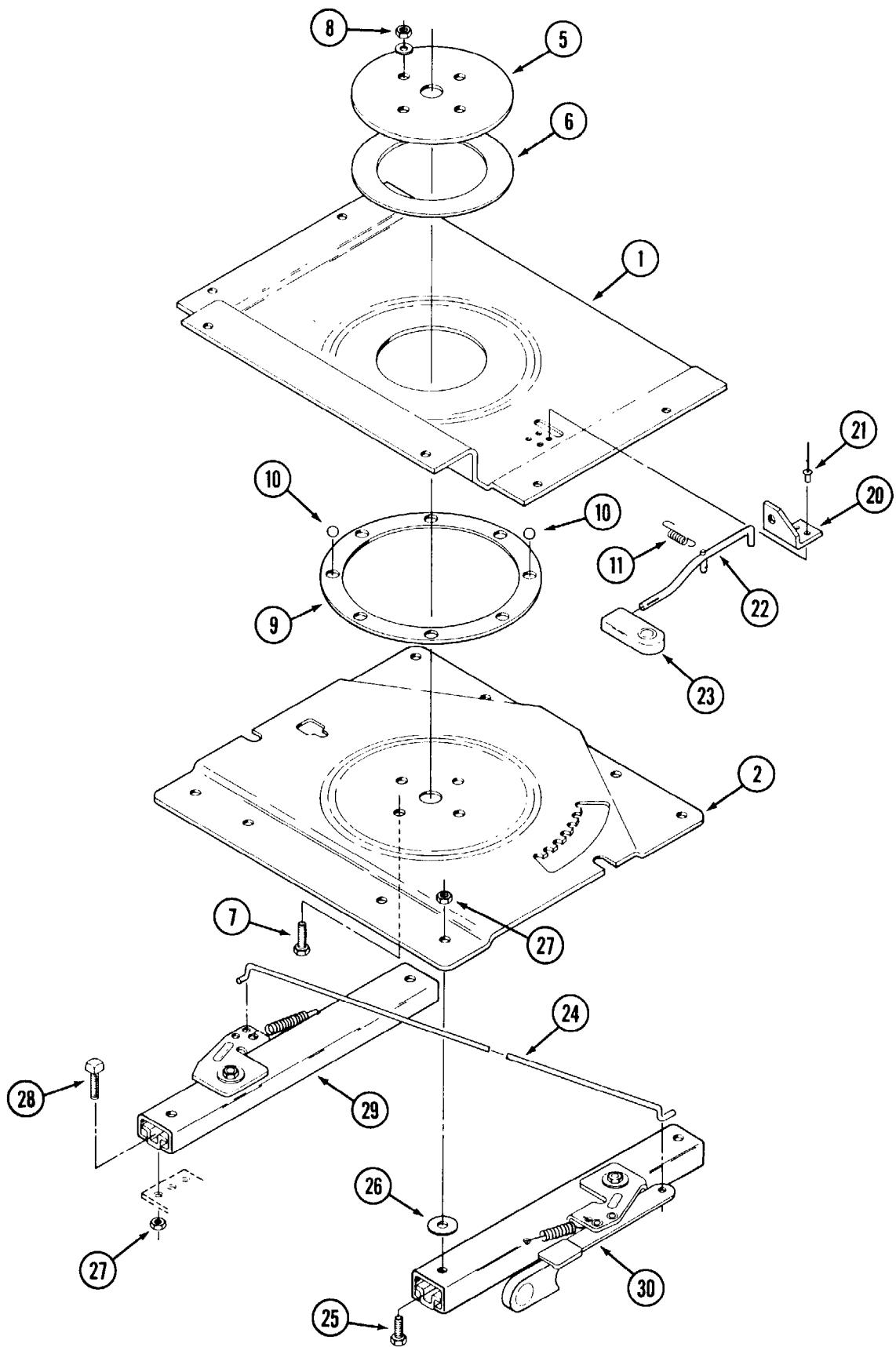
9-83

REF.	PART NO.	DESCRIPTION	REQ'D.
1	1987174C2	SEAT ASSEMBLY - mechanical, with vinyl upholstery, parts list pages 9-85 through 9-89	1
2	1977735C1	BRACKET - mounting, seat.....	2
3	614-8020	BOLT - hex, full threads, 8 - 1.25 x 20 mm	4
4	425-108	NUT - hex, 1/2 inch NC	4
5	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch.....	4
6	231-1445	NUT - hex, self-locking, 5/16 inch NC	4



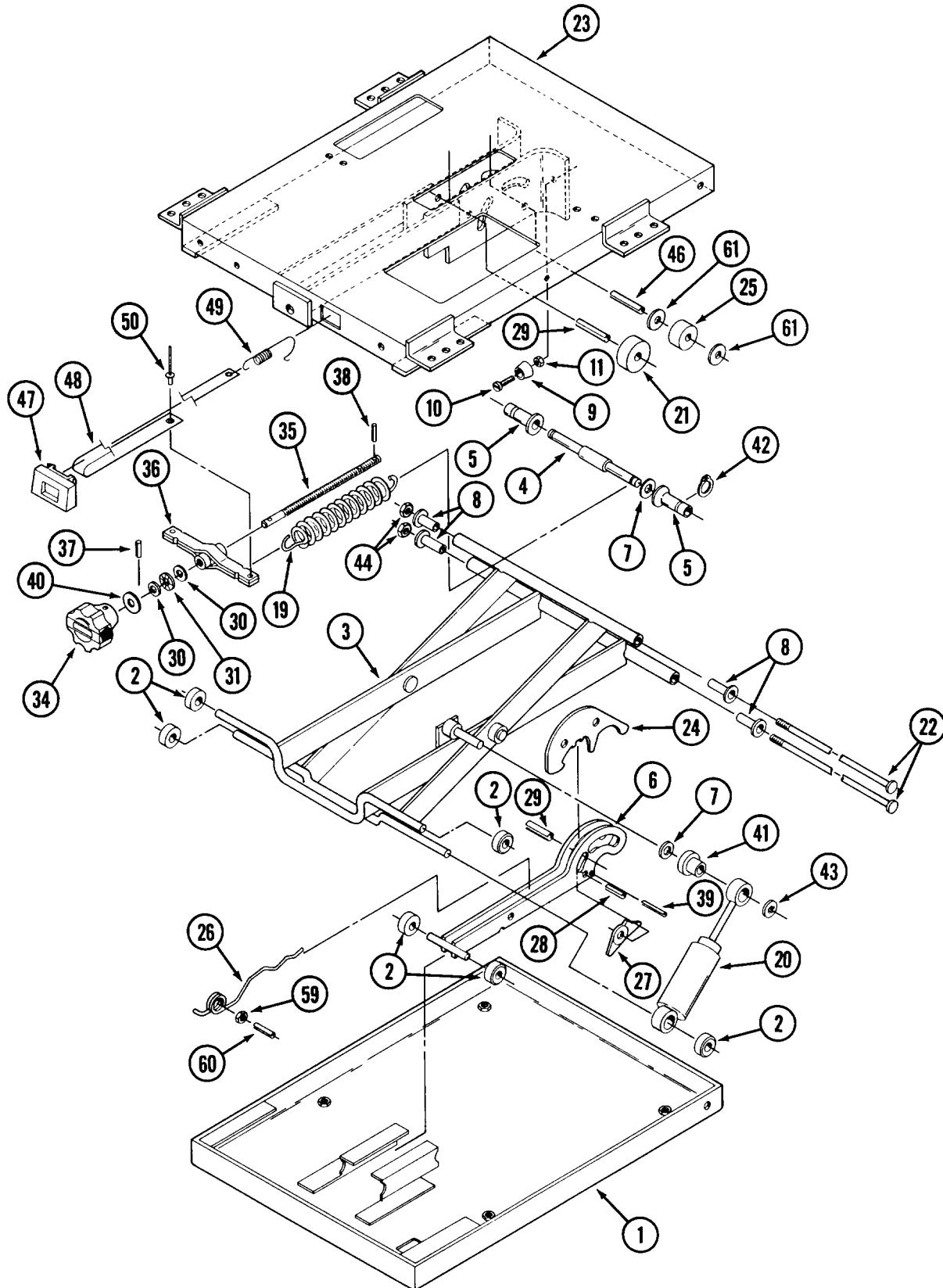
VINYL SEAT ASSEMBLY**Mechanical Suspension**

REF.	PART NO.	DESCRIPTION	REQ'D.
	1987174C2	SEAT ASSEMBLY - mechanical, with vinyl upholstery, parts list pages 9-85 through 9-89	1
	1981830C4	KIT - seat, upper	1
	1981832C2	KIT - cushion, seat	1
1	NSS	PAD - seat	1
1	NSS	RING - hog	22
	1981831C2	KIT - cushion, backrest	1
2	NSS	PAD - backrest	1
2	NSS	RING - hog	22
3	1981820C2	KIT - backrest cover and retainers	1
4	1999693C1	CLIP - christmas tree, package of 14	1
6	1999691C1	KIT - seat knob	1
	1343826C2	SHAFT ASSEMBLY - tilt	1
7	NSS	SHAFT - seat tilt	1
8	38-11016	PIN - roll, 5/32 x 1 inch	2
9	1343828C1	CAM - seat tilt, no longer available, order 1343826C2 shaft assembly	2
11	38-11016	PIN - roll, 5/32 x 1 inch	1
12	1999691C1	KIT - seat knob, replaces 1981828C1 knob	1
13	138-303	PIN - roll, 3/16 x 1-1/8 inch	1
20	1974711C1	KNOB - backrest tilt	1
21	30299R1	SCREW - machine, 6 x 12 mm	1
27	1981818C1	KIT - armrest, left-hand	1
28	NSS	PIN - drive	1
29	143199A1	ARMREST - right-hand, black	1
30	NSS	PIN - drive	1
31	1990647C2	KIT - boot, suspension	1
32	132872A1	KIT - boot pin, package of 23 retainers and 3 dome nuts	24
35	1975957C1	BRACKET - seat belt	1
36	1343982C1	BELT - seat	1
37	326-728	BOLT - hex, 7/16 NC x 1-3/4 inch, grade 8	1
38	395-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	3
39	S5375	SPACER - pipe, 3/8 x 3/8 inch	1
40	232-4117	NUT - hex, self-locking, 7/16 inch NC	1
43	113-70	BOLT - hex, 1/4 NC x 2 inch	2
44	328-724	BOLT - hex, 7/16 NF x 1-1/2 inch, grade 8	1



VINYl SEAT ASSEMBLY**Mechanical Suspension**

REF.	PART NO.	DESCRIPTION	REQ'D.
	1987174C2	SEAT ASSEMBLY - mechanical, with vinyl upholstery, parts list pages 9-85 through 9-89	1
	1344003C3	SWIVEL ASSEMBLY - seat	1
1	1343857C1	PLATE - swivel, upper	1
2	1343858C1	PLATE - swivel, lower	1
5	1343859C1	RETAINER - swivel	1
6	1343860C1	PLATE - swivel bearing	1
7	413-620	BOLT - hex, 3/8 NC x 1-1/4 inch	4
8	230-4216	NUT - hex, self-locking, 3/8 inch NC	4
9	A49555	RETAINER - ball	1
10	211-1016	BALL - chrome alloy steel, 1/2 inch, grade 24	8
11	N8680	SPRING - latch rod	1
20	1343861C1	BRACKET - swivel rod	1
21	49-36	RIVET - truss head, 3/16 x 3/8 inch	2
22	1343862C2	ROD - swivel	1
23	1999692C1	KIT - knob, replaces 1343863C1 knob	1
	1344248C1	KIT - double locking slide	1
24	1981825C1	WIRE - slide	1
25	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8	4
26	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	4
27	230-4115	NUT - hex, self-locking, 5/16 inch NC	8
28	417-512	BOLT - square head, 5/16 NC x 3/4 inch, grade 2	4
29	1981823C1	SLIDE - seat, right-hand	1
30	1981822C1	SLIDE - seat, left-hand, with handle	1

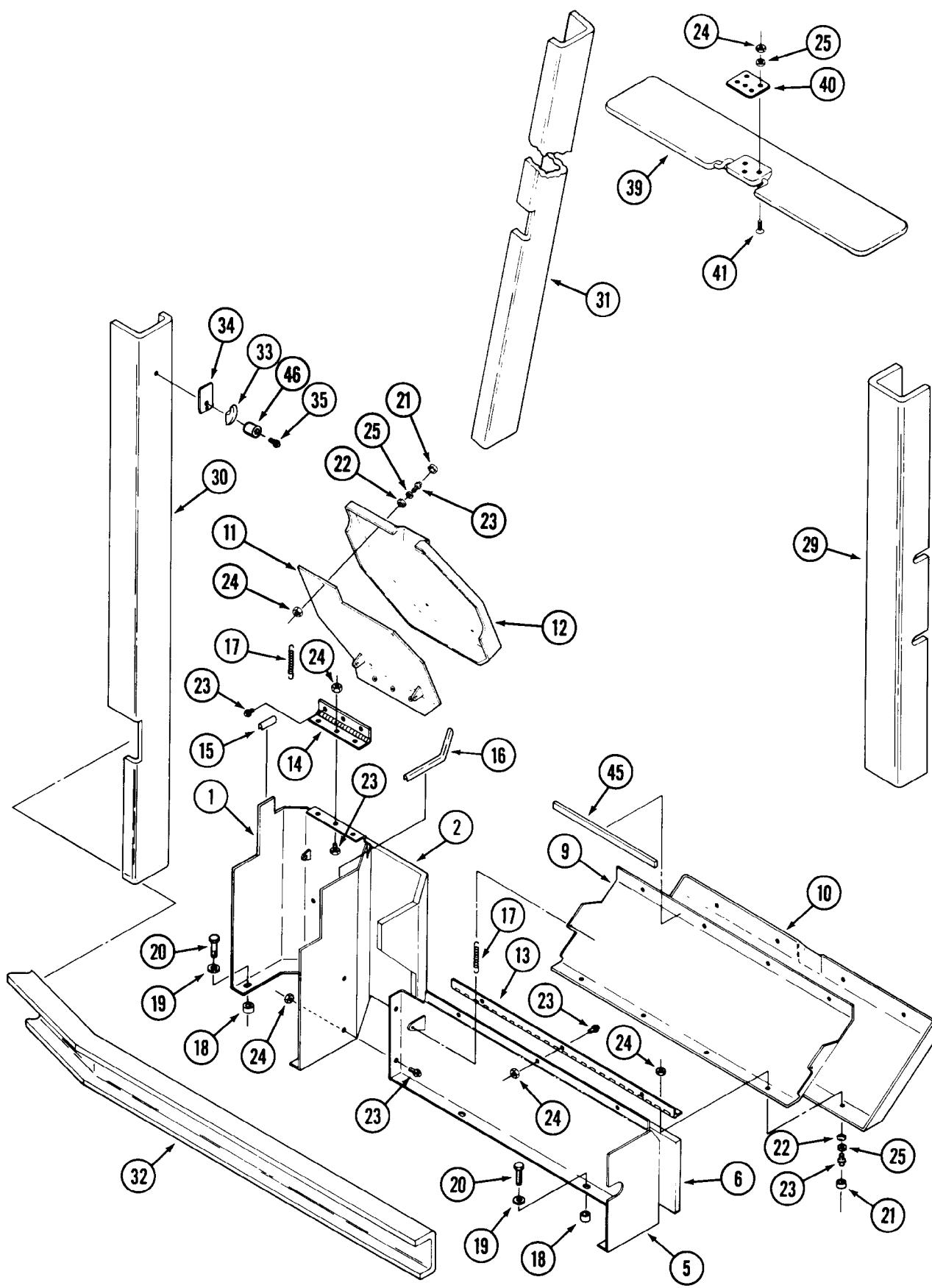


VINYL SEAT ASSEMBLY

Mechanical Suspension

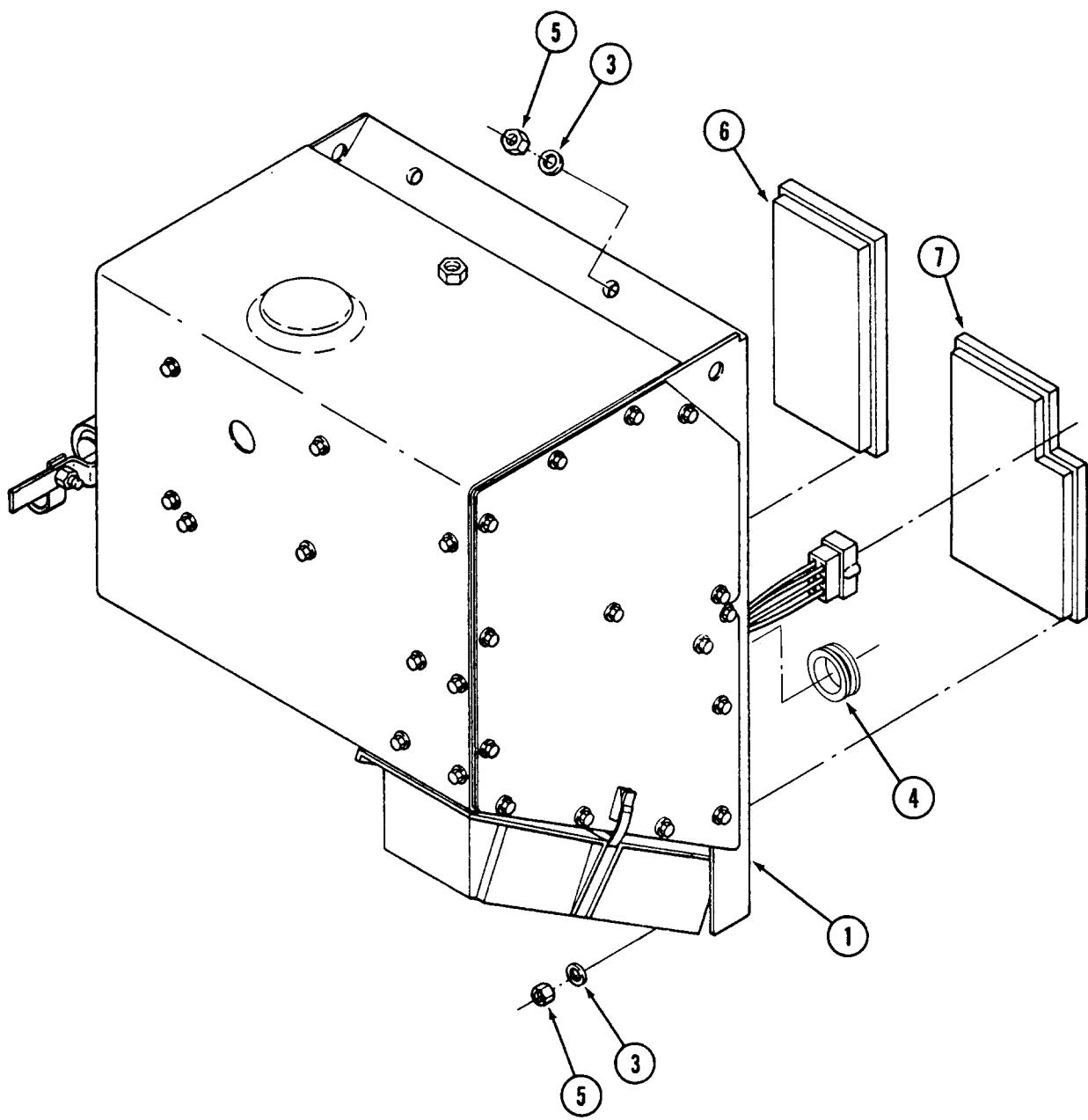
REF.	PART NO.	DESCRIPTION	REQ'D.
	1987174C2	SEAT ASSEMBLY - mechanical, with vinyl upholstery, parts list pages 9-85 through 9-89	1
1	*1981819C2	KIT - suspension, mechanical seat	1
1	1981787C1	HOUSING - lower	1
2	1344249C1	KIT - roller tube and bearing	6
3	1981789C1	ARM - suspension	1
4	128115A1	SHAFT - spring	1
5	123968A2	KIT - weight adjustment spring, replaces 1981791C1 bushing	2
6	1981792C1	ARM - mounting	1
7	A45519	WASHER - flat, plastic, special, 33/64 x 1-1/8 x 1/16 inch, order A45110 spacer and A45116 spacer	5
8	A47760	TUBE - bearing	4
9	180609A1	KIT - bumper, replaces 1981793C1 bumper	2
10	440-11010	SCREW - machine, pan Phillips, No. 10 NC x 5/8 inch	2
11	230-42409	NUT - hex, self-locking, No. 10 NC	2
19	1981794C1	SPRING - external	2
20	1344250C2	KIT - shock absorber	1
21	123967A1	KIT - cam follower	1
22	A49529	SHAFT - bushing tube	2
23	1981821C1	HOUSING - upper	1
24	1981798C1	CAM - low profile	1
25	1981799C1	BEARING - cam follower	1
26	123966A1	KIT - height adjustment	1
27	119001A1	ARM ASSEMBLY - cam	1
28	138-110	PIN - roll, 7/32 x 3/4 inch	1
29	138-172	PIN - roll, 3/8 x 1-1/4 inch	2
30	1987116C2	KIT - weight adjuster, replaces 1981802C1 race	2
31	F13537	BEARING - thrust	1
	123969A1	KIT - knob and shaft assembly	1
34	NSS	KNOB - weight adjustment	1
35	NSS	SHAFT - weight adjusting	1
36	1987116C2	KIT - weight adjuster	1
37	38-11016	PIN - roll, 5/32 x 1 inch	1
38	38-11010	PIN - roll, 5/32 x 5/8 inch	1
39	38-21010	PIN - roll, 5/32 x 5/8 inch	1
40	1974732C1	WASHER - flat, 25/64 x 1-1/8 x 1/8 inch	1
41	A45501	BEARING - shock absorber	2
42	A49623	RING - retaining	2
43	131-425	NUT - push-on type, 1/2 inch	2
44	230-4216	NUT - hex, self-locking, 3/8 inch NC	2
46	138-155	PIN - roll, 5/16 x 1-1/4 inch	1
47	1981807C1	GUIDE - weight adjustment	1
	1999901C2	KIT - weight adjusting guide	1
48	NSS	TAPE - adjustment, weight	1
49	NSS	SPRING - suspension, weight	1
50	151-537	RIVET - break mandrel, 1/8 x 21/32 inch	1
59	230-4115	NUT - hex, self-locking, 5/16 inch NC	1
60	438-11214	PIN - roll, 3/16 x 7/8 inch	1
61	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch	2

*NOTE: Suspension Kit also includes bellows and clips.



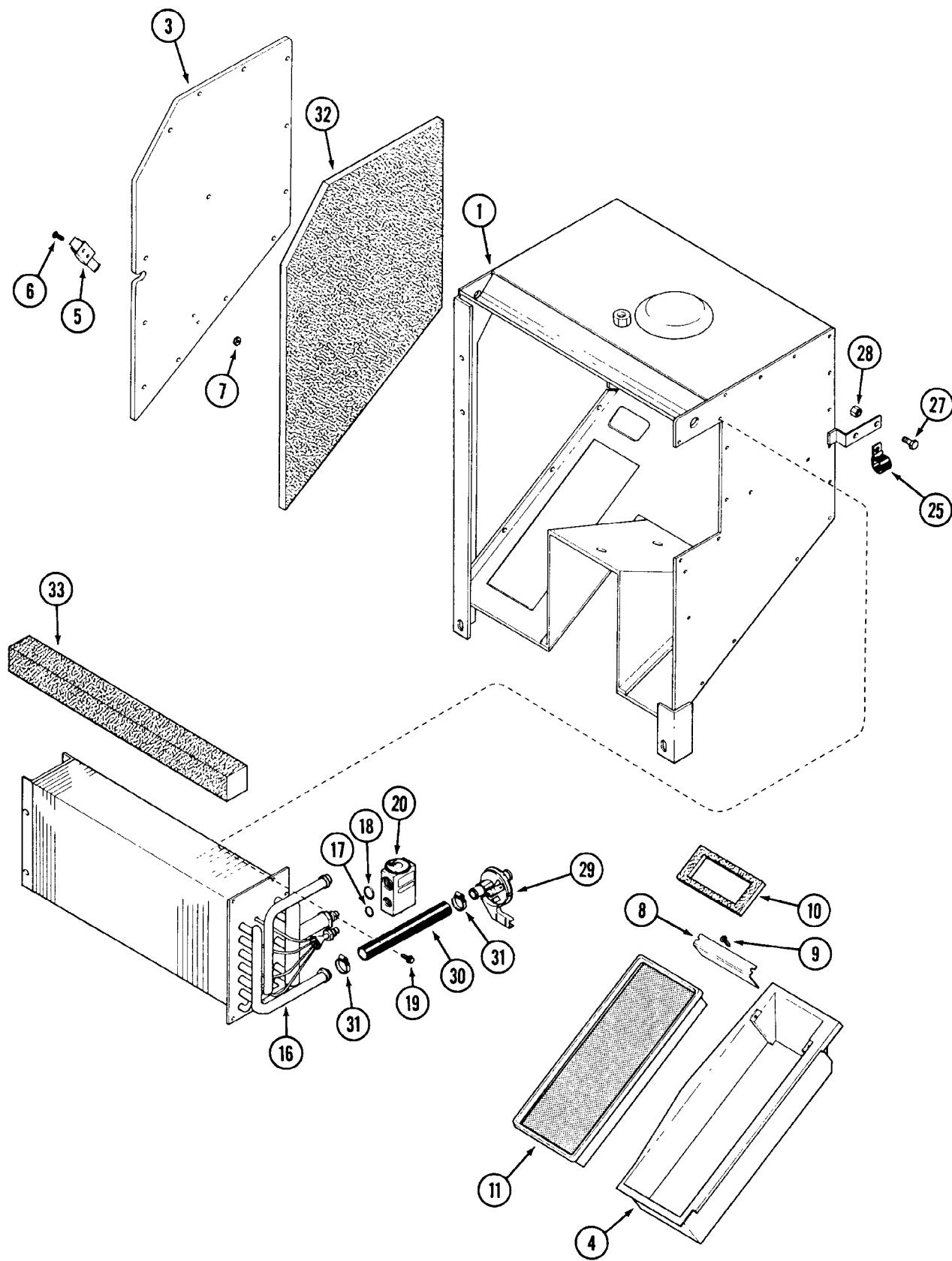
CAB STORAGE COMPARTMENTS, COVERS AND SUN VISOR If Equipped

REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1803T92	KIT - cab, deluxe, order from Machinery Price List	1
1	60-6366T91	CONTAINER ASSEMBLY - storage compartment.	1
2	NSS	COVER - storage compartment	1
5	60-6362T91	CONTAINER ASSEMBLY - storage compartment.	1
6	NSS	COVER - storage compartment	1
9	60-6370T1	COVER - door, storage compartment	1
10	60-6369T1	COVER - door	1
11	60-6372T2	DOOR - storage compartment	1
12	60-6371T2	COVER - door	1
13	60-6360T1	HINGE - door	1
14	60-6361T1	HINGE - door	1
15	60-6358T1	TRIM - edge, 63 mm (2-1/2 inch) long, cut from F64277X bulk trim, see below	1
16	60-6359T1	TRIM - edge, 194 mm (7-5/8 inch) long, cut from F64277X bulk trim, see below	1
17	60-6374T2	SPRING - cover	4
18	425-108	NUT - hex, 1/2 inch NC, mounting, seat.	6
19	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch	6
20	426-424	BOLT - hex, 1/4 NC x 1-1/2 inch, grade 8	6
21	60-5920T1	CAP - trim, gray	12
22	1-8674	WASHER - trim	12
23	463-3108	SCREW - machine, hex washer head, No. 10 NC x 1/2 inch.	23
24	193-1004	NUT - hex, with external tooth lock washer, No. 10 NC	23
25	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch	20
29	60-6354T2	COVER - cab post, right-hand rear	1
30	60-6352T2	COVER - cab post, left-hand rear	1
31	60-6353T1	COVER - cab post, left-hand front	1
32	60-6355T1	COVER - cab frame, rear	1
33	3234176R1	HOOK - coat	1
34	60-6520T1	PLATE - coat hook	1
35	280-16516	SCREW - self-tapping, hex washer head, No. 10 - 16 x 1 inch	1
39	1971228C1	VISOR - sun	1
40	60-6521T1	PLATE - mounting, sun visor	1
41	343-11016	SCREW - machine, flat Phillips, No. 10 NC x 1 inch	3
45	60-6531T1	SEAL - foam, 292 mm (11-1/2 inch) long, cut from 60-4596T1 bulk seal, see below.	2
46	2-3010T1	SPACER - manual box, hook, replaces 60-6576T1 spacer	1
	F64277X	TRIM - edge, bulk, 14478 mm (570 inch) long	UAR
	60-4596T1	SEAL - foam, bulk, 3048 mm (120 inch) long	UAR



CAB AIR CONDITIONER AND HEATER MODULE

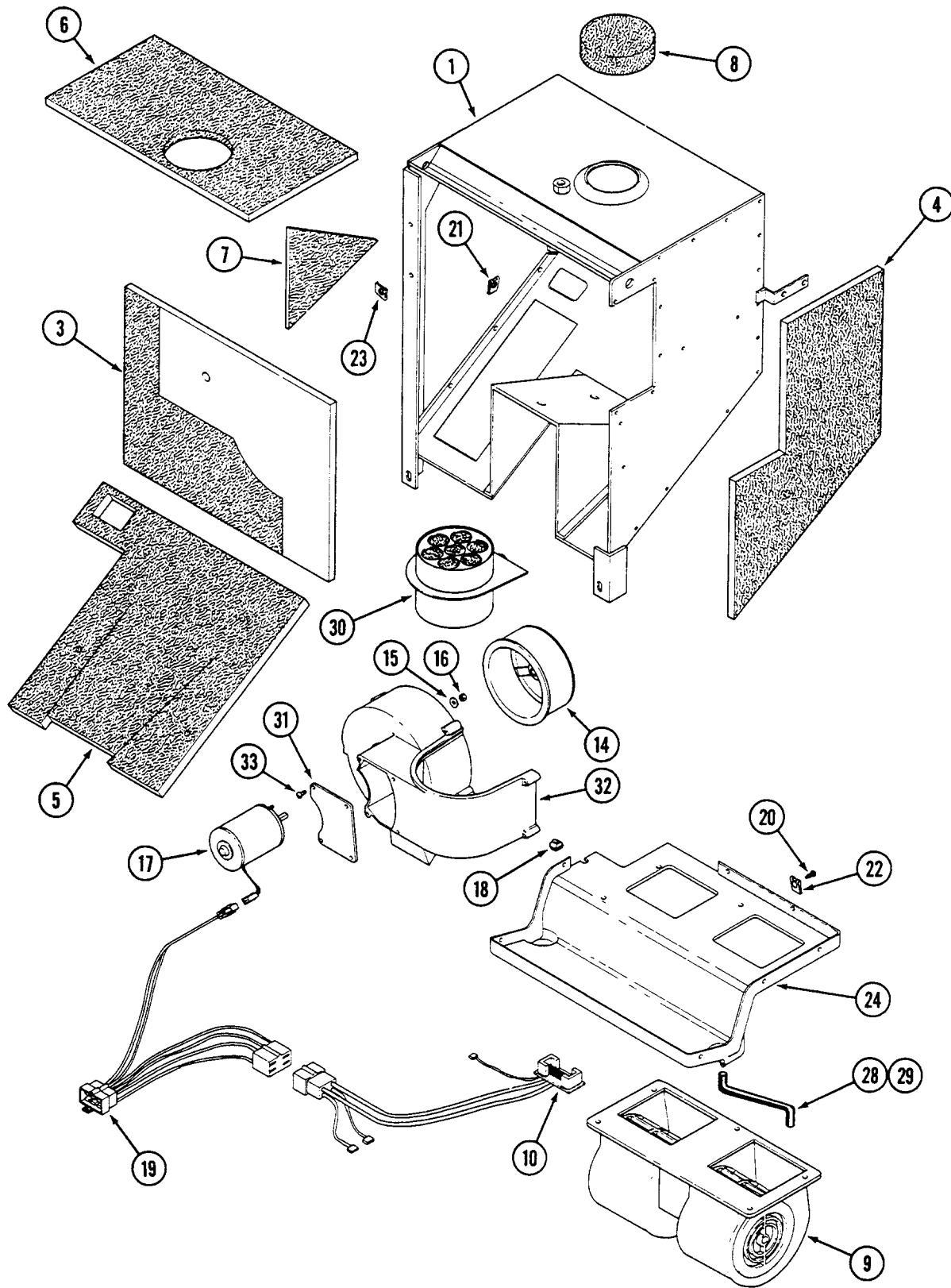
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6973T91	MODULE ASSEMBLY - air conditioning and heating, parts list pages 9-95 and 9-97	1
3	495-21044	WASHER - flat, 7/16 x 1 x 5/64 inch	4
4	1-1051	GROMMET - harness protection.....	1
5	425-106	NUT - hex, 3/8 inch NC	4
6	60-3846T2	FILTER - air recirculation.....	1
7	60-6706T1	FILTER - air recirculation, cab.....	1



AIR CONDITIONER AND HEATER MODULE ASSEMBLY

External Components

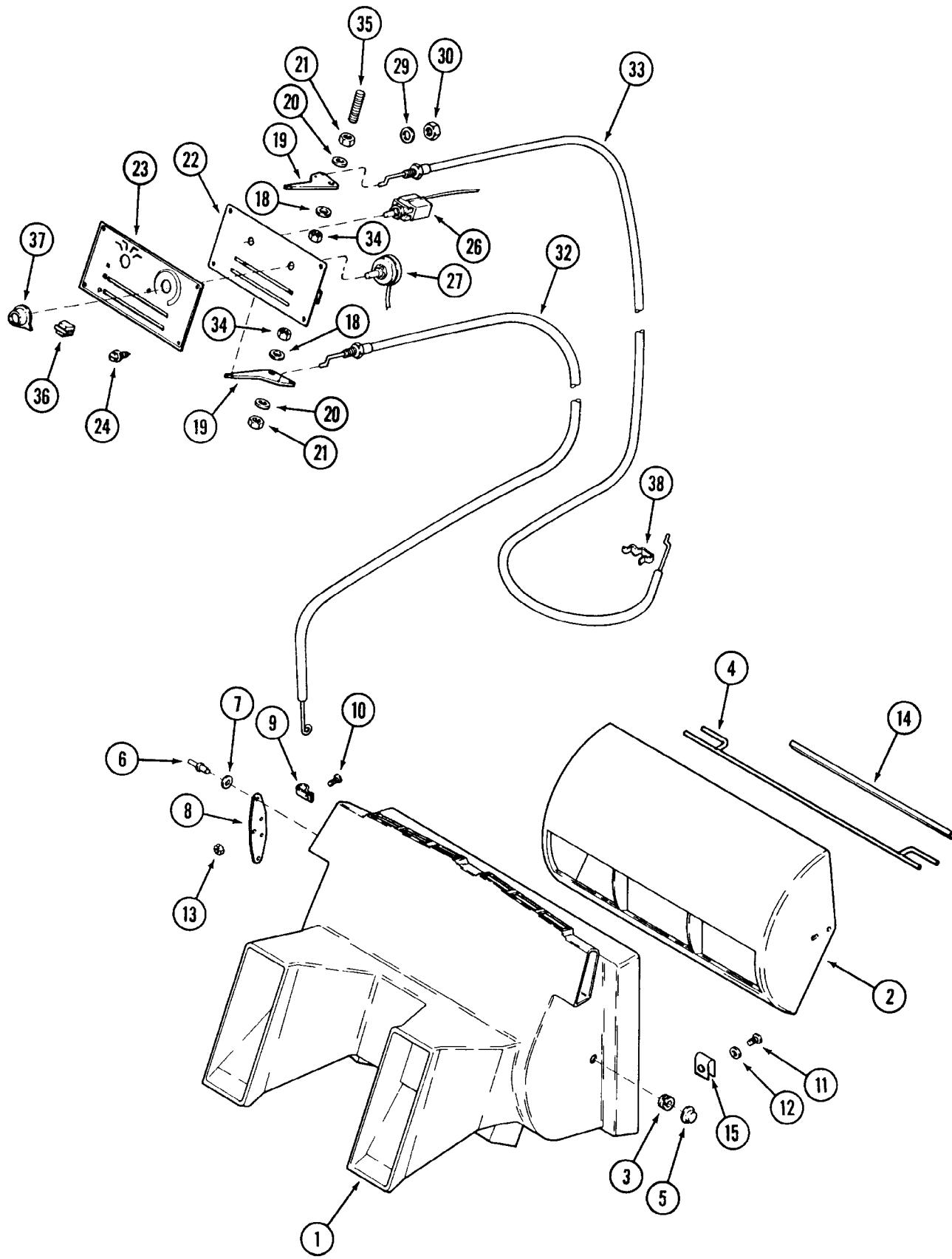
REF.	PART NO.	DESCRIPTION	REQ'D.
	60-6973T91	MODULE ASSEMBLY - air conditioning and heating, also includes parts on page 9-97	1
1	60-6692T3	HOUSING - module	1
3	60-6685T1	COVER - module	1
4	60-6674T1	HOUSING - filter.....	1
5	60-6318T91	LATCH - module.....	1
6	19-5422	SCREW - machine, truss head, No. 8 NC x 3/4 inch	2
7	193-1002	NUT - hex, with external tooth lock washer, No. 8 NC	2
8	60-6675T1	BRACKET - filter box	1
9	260-1338	SCREW - self-tapping, pan Phillips, No. 6-20 x 1/2 inch	2
10	60-6703T1	GASKET - filter box	1
11	60-4452T2	FILTER - air	1
16	60-6677T1	CORE - heater and evaporator	1
17	128484A1	O-RING - 7/16 ID x 1/16 inch wide.....	1
18	128485A1	O-RING - 9/16 ID x 1/16 inch wide.....	1
19	60-6688T1	SCREW - hex washer head, self-tapping, special	6
20	1990756C2	VALVE - expansion	1
25	515-23238	CLAMP - P-type, 15/16 inch ID	1
27	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8.....	1
28	425-106	NUT - hex, 3/8 inch NC	1
29	1331087C1	VALVE - control	1
30	NSS	HOSE - heater, 127mm (5 inch) long, cut from 97252CX bulk hose, see below	1
31	214-1408	CLAMP - adj, 1/2 - 29/32 inch dia	2
32	60-6698T1	PAD - foam, module cover.....	1
33	60-6817T1	PAD - core sealing, 1-3/4 x 1-3/4 x 18-3/4 inch long	1
	97252CX	HOSE - bulk, 16 (5/8) x 25 (1) x 15240 mm (600 inch) long	UAR



AIR CONDITIONER AND HEATER MODULE ASSEMBLY

Internal Components

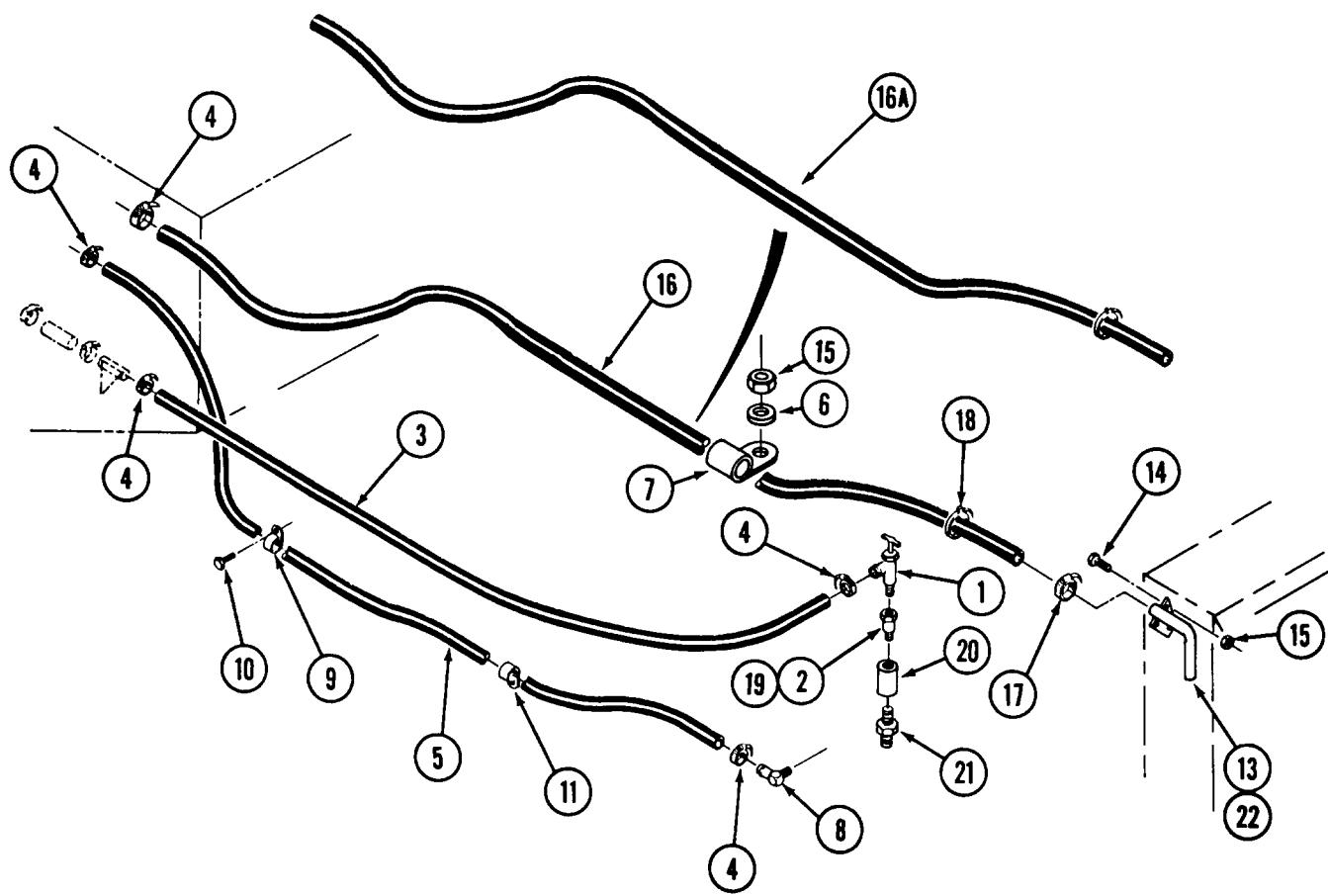
REF.	PART NO.	DESCRIPTION	REQ'D.
	60-6973T91	MODULE ASSEMBLY - air conditioning and heating, also includes parts on page 9-95	1
1	60-6692T3	HOUSING - module	1
3	60-6696T2	PAD - insulating foam, front	1
4	60-6697T1	PAD - insulating foam, right-hand	1
5	60-6699T2	PAD - insulating foam, lower	1
6	60-6701T1	PAD - insulating foam, upper	1
7	60-6702T2	PAD - insulating foam, filler	2
8	60-6328T1	FILTER - foam, air inlet	1
9	1977564C2	BLOWER - cab, component parts not serviced separately	1
10	1343938C2	RESISTOR - blower, cab air	1
14	60-6852T2	FAN - blower, pressurizer, includes motor shaft retaining clip	1
15	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch	2
16	9411893	NUT - hex, self-locking, No. 10 NF	2
17	60-6851T1	MOTOR - fan, blower, with 5/16 inch diameter shaft	1
18	31-2475	GROMMET - harness protection	1
19	60-6707T1	HARNESS - blower motor	1
20	280-13512	SCREW - self-tapping, hex washer head, No. 10-16 x 3/4 inch	25
21	60-6708T1	NUT - U-type, special	11
22	1975905C1	NUT - special, U-speed, No. 10-16	5
23	19-6157	NUT - U-type, No. 10	10
24	60-6673T1	PAN - condensation drip	1
28	NSS	HOSE - drip, 203 mm (8 inch) long, cut from 87769CX bulk hose, see below	1
29	NSS	HOSE - drip, 305 mm (12 inch) long, cut from 87769CX bulk hose, see below	1
30	60-6694T2	PRECLEANER - air inlet	1
31	60-6695T1	PLATE - support, blower motor	1
32	60-6693T1	HOUSING - blower fan	1
33	19-1018	SCREW - pan head, self-tapping, special, No. 10 NS x 3/4 inch	13
	87769CX	HOSE - rubber, bulk roll, 7 (9/32) ID x 27432 mm (1080 inch) long	UAR



CAB AIR CONDITIONER AND HEATER

Controls and Air Plenum

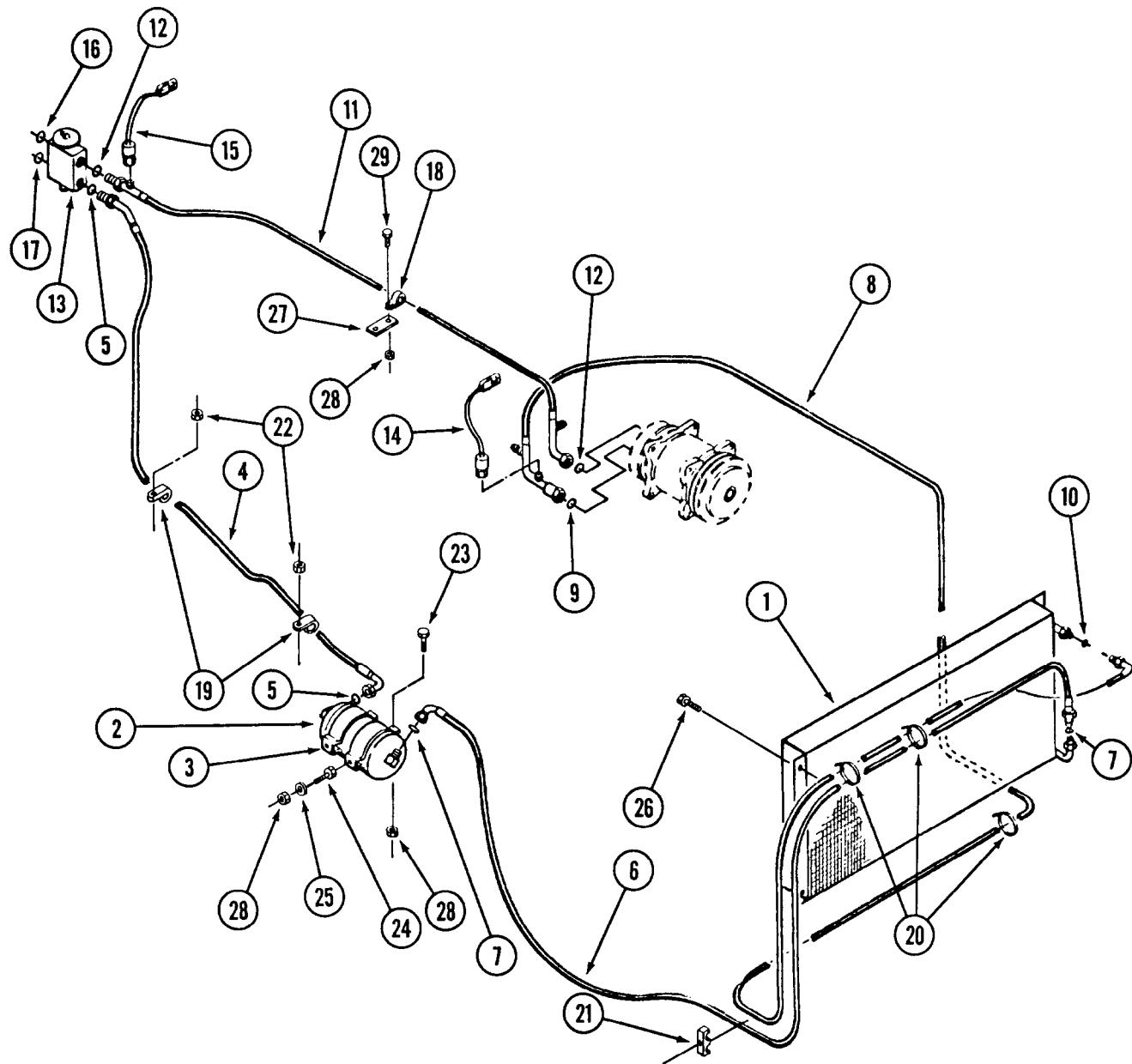
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-4917T2	PLENUM - air conditioner and heater	1
2	60-4698T1	DOOR - heat/defrost director.....	1
3	19-6129	BUSHING - split flange, 11/32 ID x 7/16 inch OD, snap in, door pivot	2
4	60-4680T1	ROD - pivot, plenum door	1
5	19-5758	NUT - push on type	2
6	19-157	RIVET - pop, 1/8 x 3/8 inch	5
7	495-31016	WASHER - flat, 5/32 x 3/8 x 3/64 inch.....	5
8	60-4976T1	BRACKET - clamp mounting.....	1
9	515-2663	CLAMP - P-type, 1/4 inch ID, cable retaining	1
10	463-41012	SCREW - machine, hex slotted washer head, No. 10 NC x 3/4 inch	2
11	280-13512	SCREW - self-tapping, hex washer head, No. 10-16 x 3/4 inch	8
12	495-31022	WASHER - flat, 7/32 x 1/2 x 3/64 inch.....	16
13	230-14409	NUT - hex, self-locking, No. 10 NC	10
14	60-4681T1	SEAL - adhesive-backed, 432 mm (17 inch) long, cut from 2-7261T1 bulk seal, see below, plenum door	1
15	1975905C1	NUT - special, U-speed, No. 10-16	8
18	19-6046	WASHER - flat, 5/16 x 5/8 x 1/8 inch.....	2
19	60-6715T1	LEVER - cable actuating	2
20	19-5995	WASHER - spring, 5/16 inch.....	2
21	231-2445	NUT - hex, self-locking, 5/16 inch NF	2
22	60-6713T2	PANEL - climate control.....	1
23	60-6716T1	DECAL - climate control panel.....	1
24	280-13410	SCREW - self-tapping, hex washer head, No. 8-18 x 5/8 inch	4
26	92101C1	SWITCH - thermostat	1
27	92100C2	SWITCH - blower motor.....	1
29	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	3
30	425-104	NUT - hex, 1/4 inch NC	3
32	60-4543T1	CABLE - heater/defroster/air conditioning.....	1
33	60-6718T1	CABLE - actuating, water valve.....	1
34	425-115	NUT - hex, 5/16 inch NF	2
35	19-6229	STUD - lever	1
36	60-6717T1	KNOB - control, lever.....	2
37	60-3958T1	KNOB - control, lower rate.....	2
38	1954626C1	CLIP - retaining, heater cable	1
	2-7261T1	SEAL - bulk, adhesive-backed, 3048 mm (120 inch) long.....	UAR



**9370, 9380, and 9390 Tractor
CAB HEATER PLUMBING**

9-101

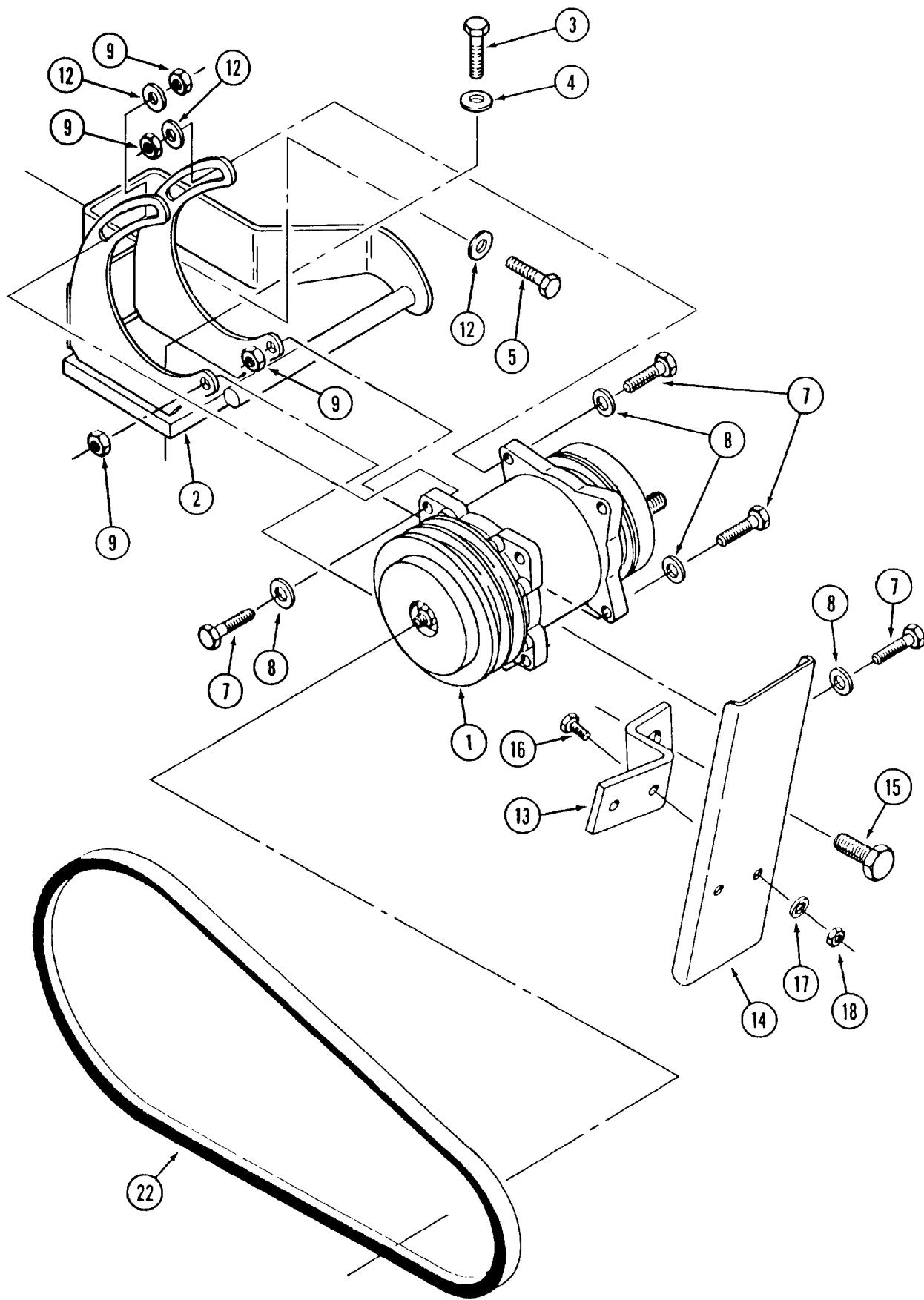
REF.	PART NO.	DESCRIPTION	REQ'D.
1	301803R1	VALVE - shutoff, water	1
2	221-89	REDUCER - pipe, 1/2 male x 3/8 inch female.....	1
3	32-333	HOSE - 787 mm (31 inch) long, cut from 97252CX bulk hose, see below	1
4	214-1408	CLAMP - adj, 1/2 - 29/32 inch dia, hose	4
5	31-2937	HOSE - 2438 mm (96 inch) long, cut from 31-1502 bulk hose, see below	1
6	495-11034	WASHER - flat, 11/32 x 11/16 x 1/16 inch.....	1
7	515-23381	CLAMP - P-type, 1-1/2 inch ID	1
8	217-134	ELBOW - 90 degree, 5/8 stem end x 1/2 inch PT	1
9	515-25238	CLAMP - P-type, 15/16 inch ID	1
10	426-816	BOLT - hex, 1/2 NC x 1 inch, grade 8	2
11	1-2191	CLAMP - P-type.....	1
13	90-6830T1	TUBE - heater	1
14	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.....	3
15	231-1445	NUT - hex, self-locking, 5/16 inch NC	3
16	31-2283	HOSE - 2591 mm (102 inch) long, cut from 31-1502 bulk hose, prior to P.I.N. JEE0036501, see below, used on 9370 and 9380	1
16A	31-2983	HOSE - 2235 mm (88 inch) long, cut from 31-1502 bulk hose, P.I.N. JEE0036501 and after, see below.....	1
17	214-1420	CLAMP - adj, 13/16 - 1-3/4 inch dia.....	2
18	19-135	STRAP - tie, nylon.....	1
19	221-89	REDUCER - pipe, 1/2 male x 3/8 inch female, P.I.N. JEE0036501 and after.....	1
20	221-338	COUPLING - pipe, 1/2 inch, P.I.N. JEE0036501 and after	1
21	217-1072	NIPPLE - hex, 1/2 PT x 1-7/8 inch, P.I.N. JEE0036501 and after.....	1
22	90-8315T1	TUBE - precleaner, used on 9390	1
	97252CX	HOSE - bulk, 16 (5/8) x 25 (1) x 15240 mm (600 inch) long	UAR
	31-1502	HOSE - bulk, 25 (1) ID x 3048 mm (120 inch) long	UAR



9370, 9380, and 9390 Tractor
CAB AIR CONDITIONING PLUMBING
Condenser and Receiver-Drier

9-103

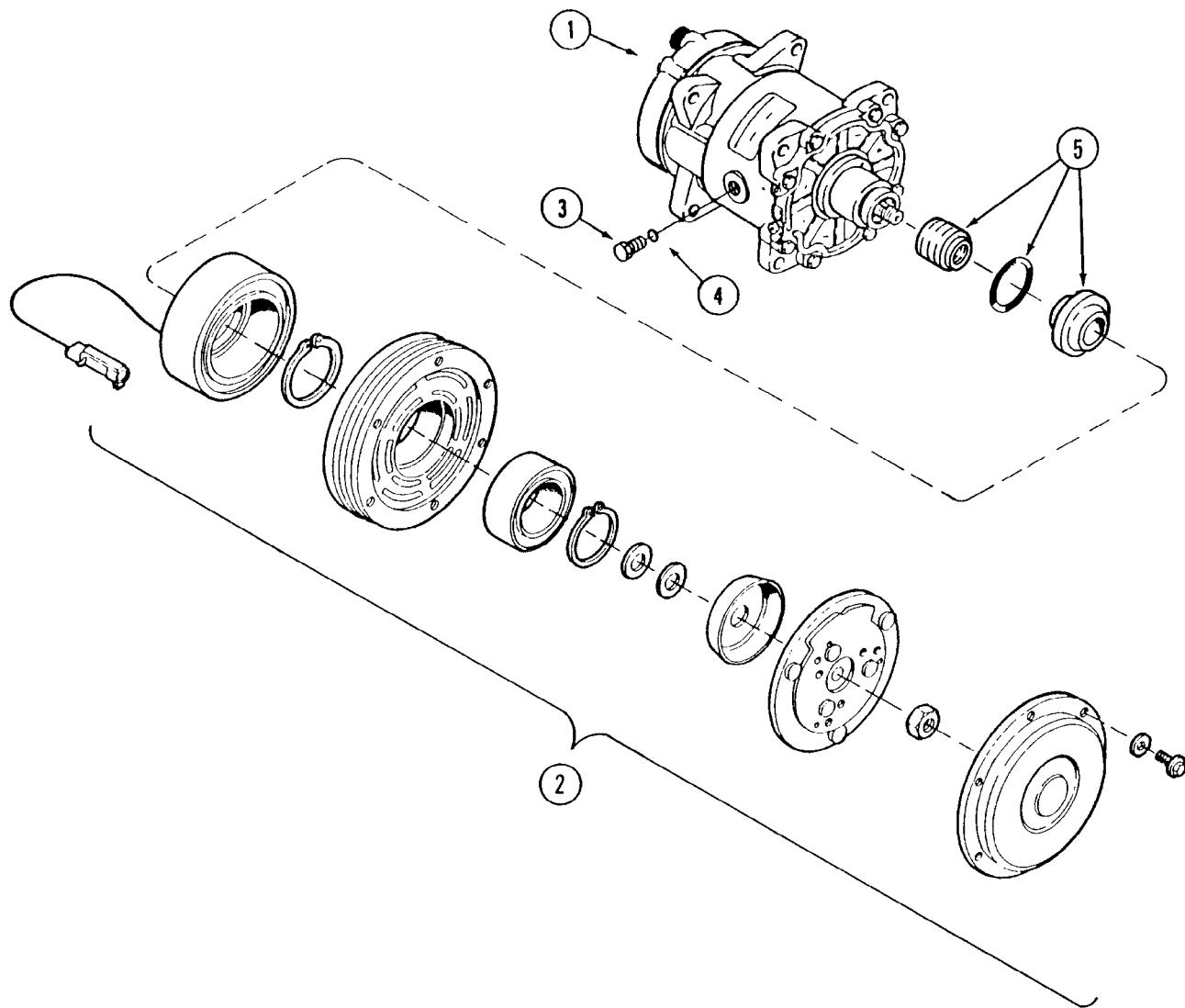
REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6711T1	CONDENSER - air conditioning	1
2	1990758C2	RECEIVER-DRIER - air conditioning.	1
3	70-6589T1	BRACKET - mounting	2
4	60-6953T1	HOSE - 2006 mm (78 inch) long, receiver-drier to expansion valve	1
5	128483A1	O-RING - 5/16 ID x 1/16 inch wide.	2
6	60-6952T1	HOSE - 2794 mm (110 inch) long, condenser to receiver-drier.	1
7	128483A1	O-RING - 5/16 ID x 1/16 inch wide.	2
8	60-6951T1	HOSE - 3683 mm (145 inch) long, discharge, compressor to condenser	1
9	128485A1	O-RING - 9/16 ID x 1/16 inch wide.	1
10	128484A1	O-RING - 7/16 ID x 1/16 inch wide.	1
11	60-6954T1	HOSE - 2007 mm (79 inch) long	1
12	128485A1	O-RING - 9/16 ID x 1/16 inch wide.	2
13	1990756C2	VALVE - expansion	1
14	232948A1	SWITCH - high pressure, 400 psi, replaces 1999925C1 switch	1
15	122579A1	SWITCH - low pressure.	1
16	128485A1	O-RING - 9/16 ID x 1/16 inch wide	1
17	128484A1	O-RING - 7/16 ID x 1/16 inch wide	1
18	515-23270	CLAMP - P-type, 1-1/16 inch ID	1
19	515-23190	CLAMP - P-type, 3/4 inch ID	1
20	22-824	STRAP - tie, 7 inch	3
21	50-2551T1	CLAMP - hose, split, includes both halves	1
22	425-106	NUT - hex, 3/8 inch NC	6
23	426-524	BOLT - hex, 5/16 NC x 1-1/2 inch, grade 8	3
24	426-516	BOLT - hex, 5/16 NC x 1 inch, grade 8	3
25	396-41034	WASHER - flat, 11/32 x 1 x 3/32 inch, hardened.	10
26	426-58	BOLT - hex, 5/16 NC x 1/2 inch, grade 8.	6
27	60-5816T1	BRACKET - mounting, clamp	1
28	231-1445	NUT - hex, self-locking, 5/16 inch NC	5
29	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8.	1



9370, 9380, and 9390 Tractor
CAB AIR CONDITIONING
Compressor Mounting and Drive

9-105

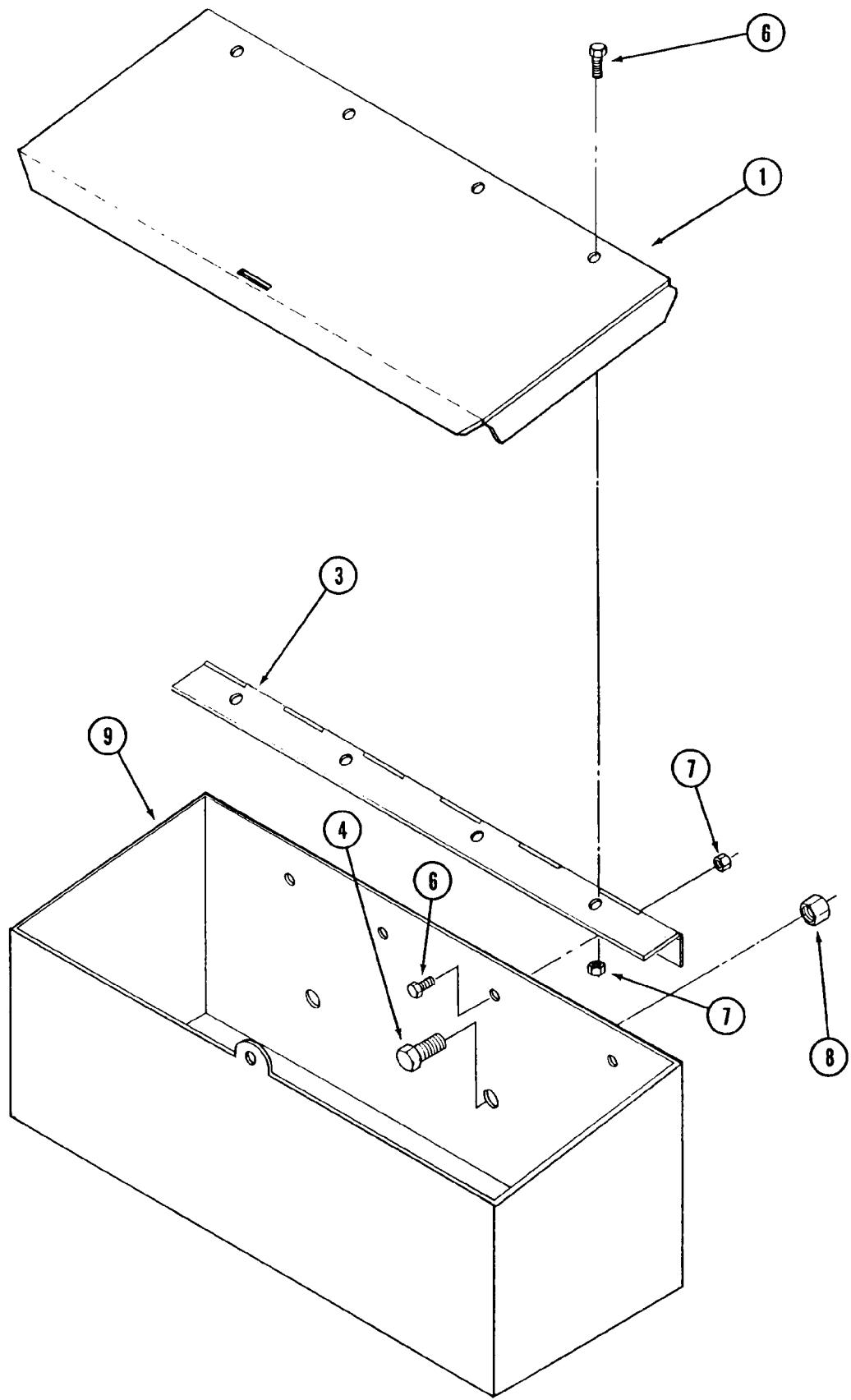
REF.	PART NO.	DESCRIPTION	REQ'D.
1	1999755C2	COMPRESSOR ASSEMBLY - air conditioning, parts list page 9-107	1
2	90-8440T1	MOUNT - compressor, replaces 90-7735T1 mount.	1
3	426-820	BOLT - hex, 1/2 NC x 1-1/4 inch, grade 8	2
4	496-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch, hardened	2
5	426-612	BOLT - hex, 3/8 NC x 3/4 inch, grade 8	2
7	614-10035	BOLT - hex, full threads, 10 - 1.5 x 35 mm	4
8	496-21041	WASHER - flat, 13/32 x 13/16 x 3/32 inch, hardened	4
9	825-1410	NUT - hex, 10 mm - 1.5	4
12	496-41041	WASHER - flat, 13/32 x 1-1/8 x 9/64 inch, hardened	3
13	90-6871T2	BRACKET - mounting, shield	1
14	90-6872T1	SHIELD - compressor	1
15	413-1016	BOLT - hex, 5/8 NC x 1 inch	1
16	426-512	BOLT - hex, 5/16 NC x 3/4 inch, grade 8	2
17	495-21038	WASHER - flat, 3/8 x 7/8 x 3/32 inch	2
18	231-1445	NUT - hex, self-locking, 5/16 inch NC	2
22	90-7190T1	BELT - V, compressor	1



**9370, 9380, and 9390 Tractor
CAB AIR CONDITIONING
Compressor Assembly**

9-107

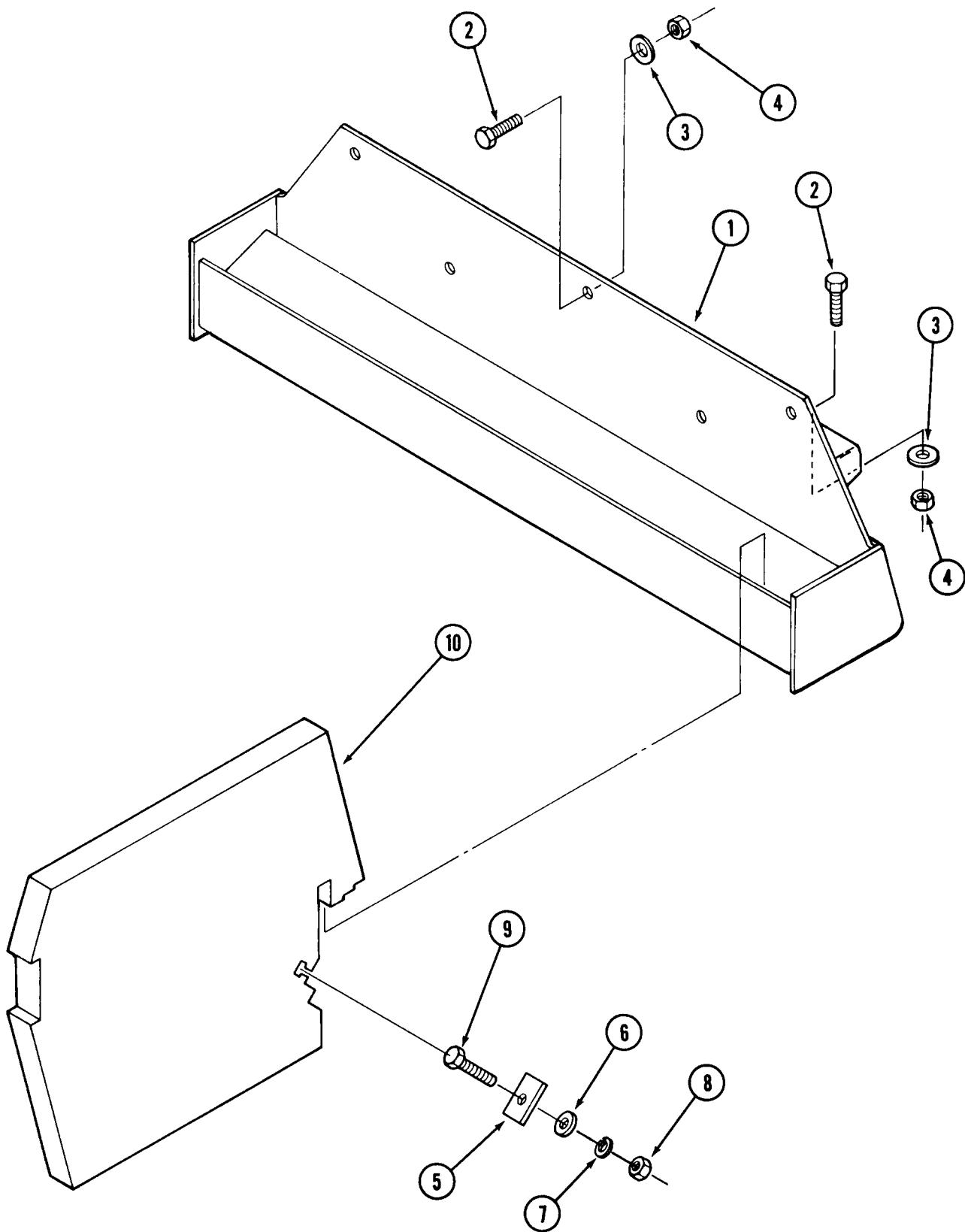
REF.	PART NO.	DESCRIPTION	REQ'D.
1	1999755C2	COMPRESSOR ASSEMBLY - air conditioning.....	1
2	135324A1	CLUTCH ASSEMBLY - compressor	1
3	A49667	PLUG - hex.....	1
4	128483A1	O-RING - 5/16 ID x 1/16 inch wide.....	1
5	60-3091T1	KIT - seal, compressor, replaced by A49665 kit	1
5	A49665	KIT - seal, compressor, replaces 60-3091T1 kit	1



**9370, 9380, and 9390 Tractor
STORAGE BOX**

9-109

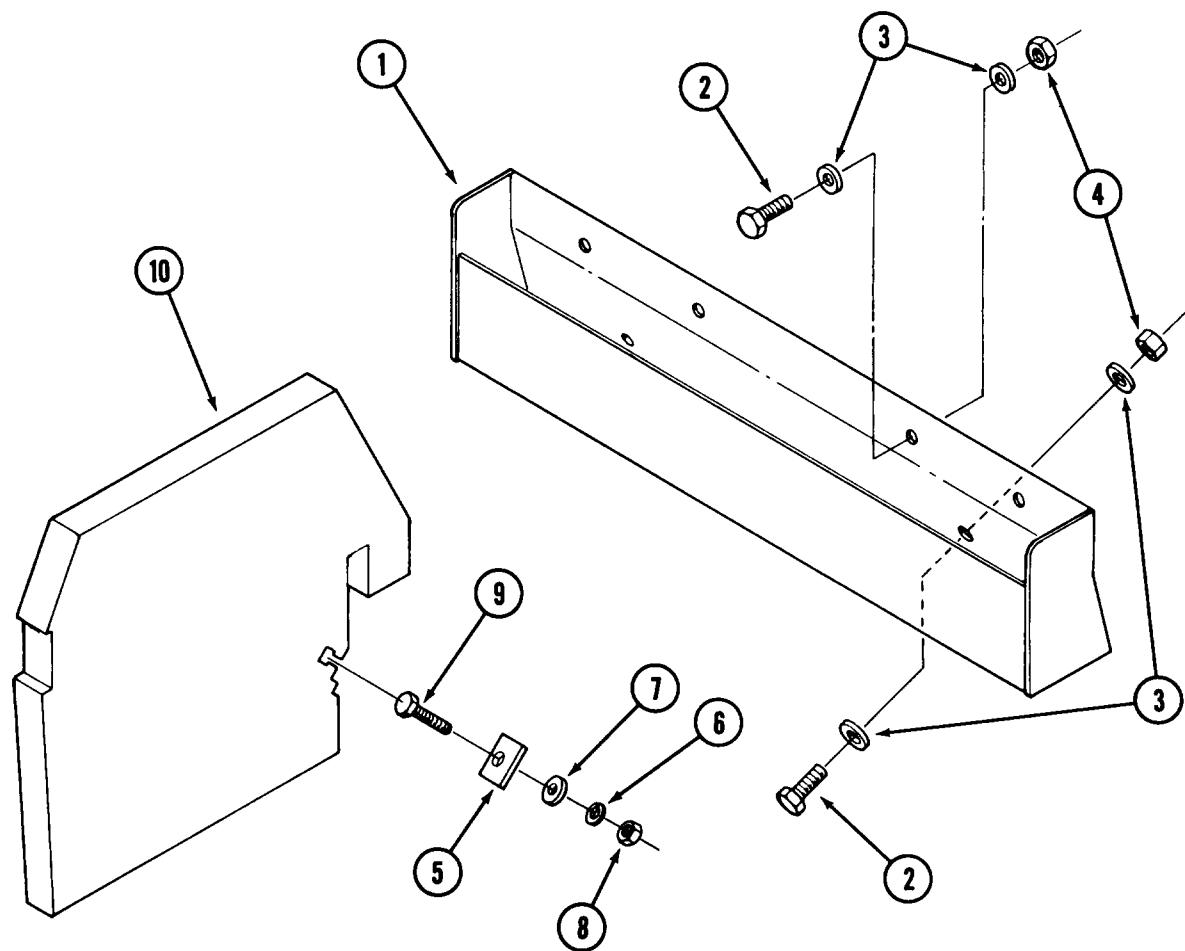
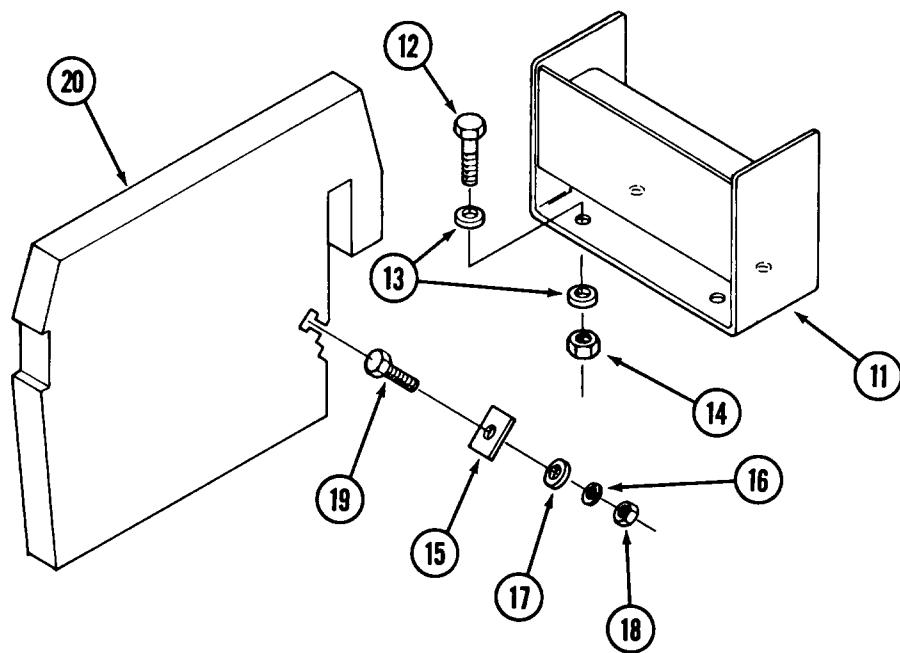
REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1978T91	KIT - storage box, no longer available, order component parts separately	1
1	70-6747T1	PANEL - top	1
2	70-6745T1	BRACKET - mounting, not shown, not used in this application	1
3	70-6748T1	HINGE - tool box	1
4	426-828	BOLT - hex, 1/2 NC x 1-3/4 inch, grade 8	2
5	426-820	BOLT - hex, 1/2 NC x 1-1/4 inch, grade 8, not shown, not used in this application	2
6	426-48	BOLT - hex, 1/4 NC x 1/2 inch, grade 8	7
7	425-104	NUT - hex, 1/4 inch NC	7
8	425-108	NUT - hex, 1/2 inch NC	2
9	70-6752T1	BOX - storage	1



**9370, 9380, and 9390 Tractor
FRONT WEIGHTS**

9-111

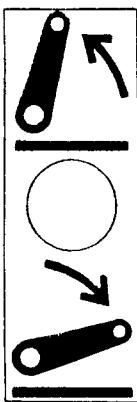
REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1969T91	KIT - front weights, no longer available, order component parts separately.	1
1	70-6657T2	BRACKET - front weights.....	1
2	426-1232	BOLT - hex, 3/4 NC x 2 inch, grade 8	9
3	496-81000	WASHER - flat, 25/32 x 1-3/8 x 1/8 inch, hardened.....	18
4	425-1012	NUT - hex, 3/4 inch NC	9
5	1978431C1	CLAMP - weights	16
6	495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	16
7	492-11050	WASHER - lock, 1/2 inch	16
8	425-108	NUT - hex, 1/2 inch NC	16
9	A169139	BOLT - square head, special, 1/2 NC x 3-1/4 inch.....	16
10	1347524C1	WEIGHT - front, order 1348233C1 or A67894 weight from Machinery Price List, 45.36 kgs, (100 pound)	30



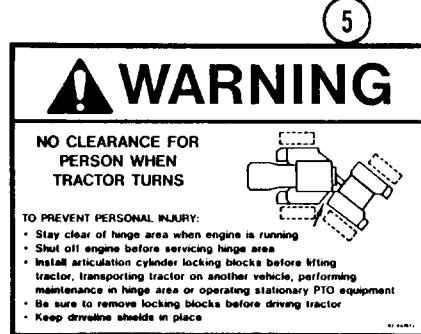
**9370, 9380, and 9390 Tractor
REAR WEIGHTS**

9-113

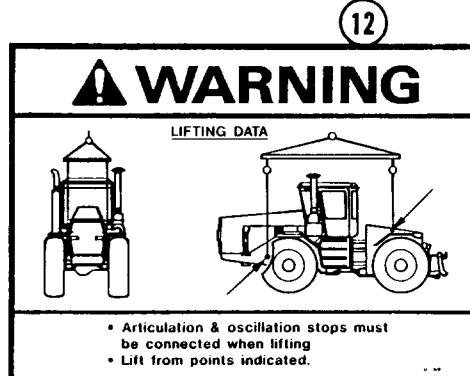
REF.	PART NO.	DESCRIPTION	REQ'D.
	35-1970T91	KIT - rear weights, lower, no longer available, order component parts separately	1
1	70-6674T1	BRACKET - rear weights, lower	1
2	426-1232	BOLT - hex, 3/4 NC x 2 inch, grade 8	6
3	496-81000	WASHER - flat, 25/32 x 1-3/8 x 1/8 inch, hardened	16
4	425-1012	NUT - hex, 3/4 inch NC	6
5	1978431C1	CLAMP - weights	13
6	492-11050	WASHER - lock, 1/2 inch	13
7	495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	13
8	425-108	NUT - hex, 1/2 inch NC	13
9	A169139	BOLT - square head, special, 1/2 NC x 3-1/4 inch.	13
10	1347524C1	WEIGHT - front, order 1348233C1 or A67894 weight from Machinery Price List, 45.36 kgs, (100 pound)	24
	35-1971T91	KIT - rear weights, upper, no longer available, order component parts separately	1
11	70-6686T1	BRACKET - rear weights, upper	2
12	426-1232	BOLT - hex, 3/4 NC x 2 inch, grade 8	8
13	496-81000	WASHER - flat, 25/32 x 1-3/8 x 1/8 inch, hardened	16
14	425-1012	NUT - hex, 3/4 inch NC	86
15	1978431C1	CLAMP - weights	10
16	492-11050	WASHER - lock, 1/2 inch	10
17	495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	10
18	425-108	NUT - hex, 1/2 inch NC	10
19	A169139	BOLT - square head, special, 1/2 NC x 3-1/4 inch.	10
20	1347524C1	WEIGHT - front, order 1348233C1 or A67894 weight from Machinery Price List, 45.36 kgs, (100 pound)	18



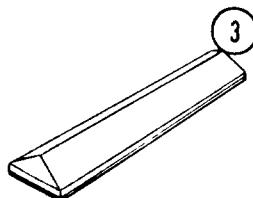
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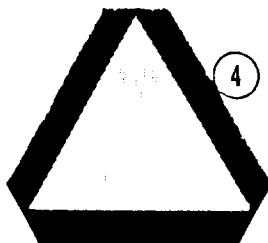
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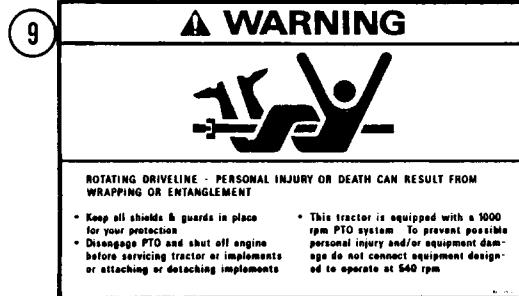
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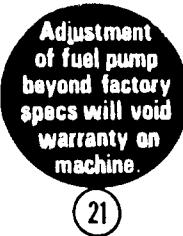
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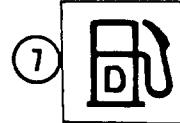
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9



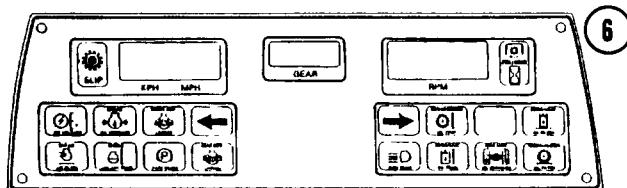
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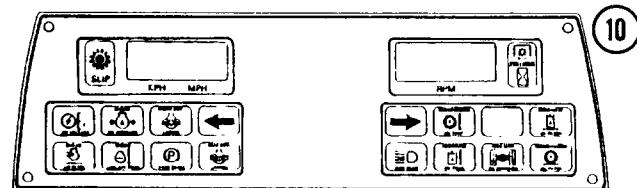
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ARTICULATION CYLINDER LOCKING BLOCK

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6

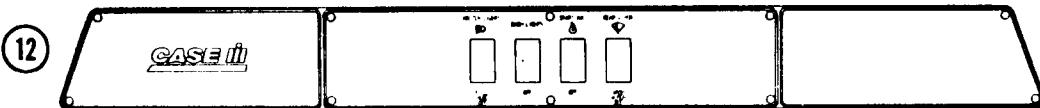
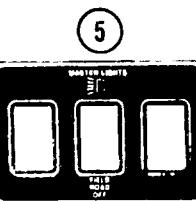
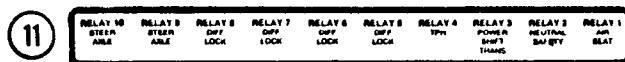
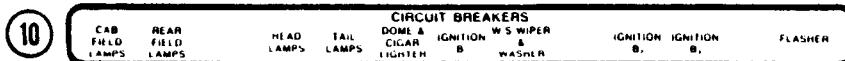
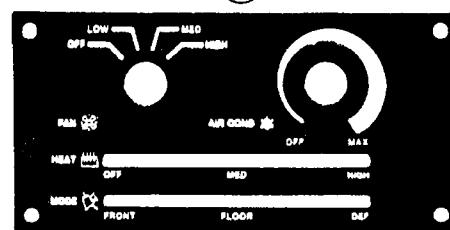
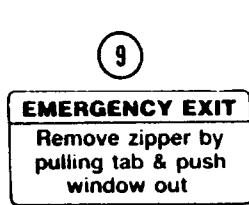
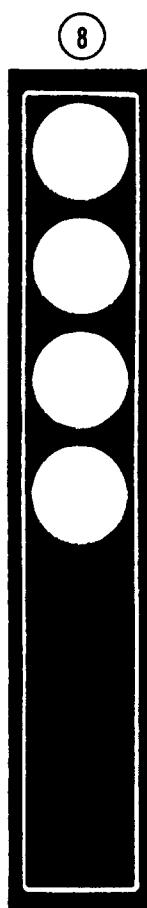
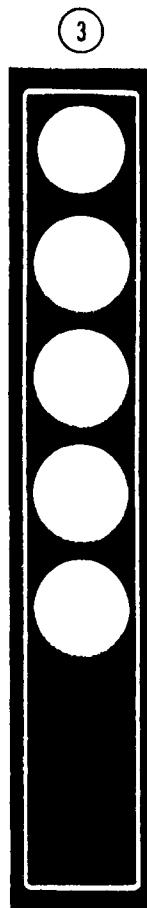
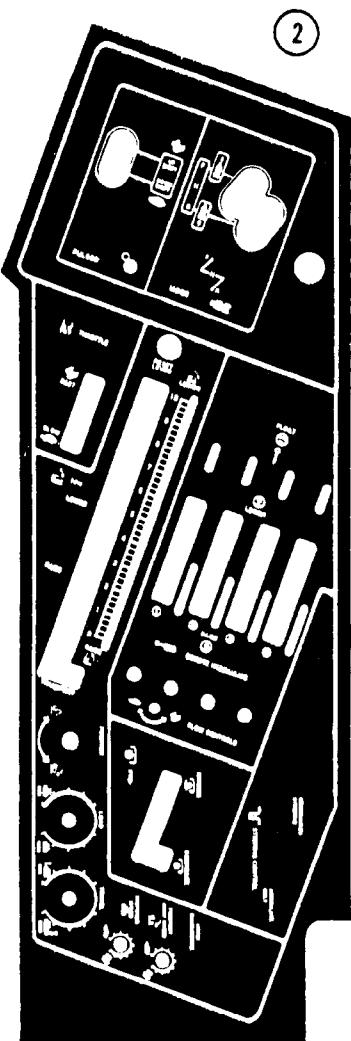
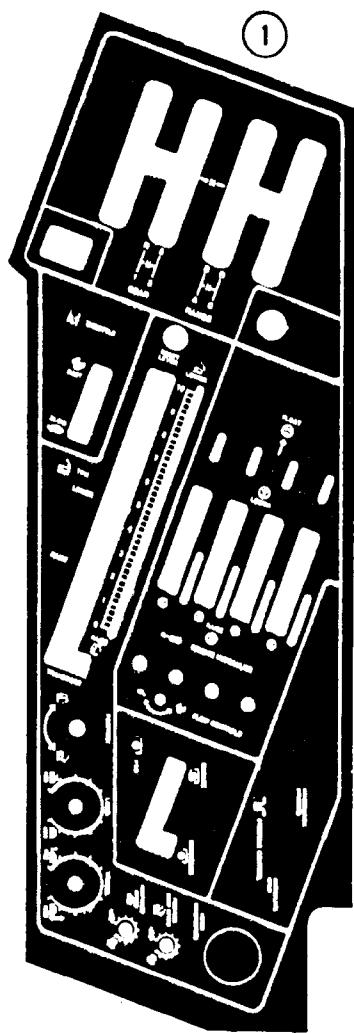


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**9370, 9380, and 9390 Tractor
DECALS**

9-115

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7036T1	DECAL - three point hitch switch	2
3	1968108C2	TRIM - hood sight	1
4	321-4311	DECAL - SMV emblem, used on plastic surfaces only	1
4	407263R1	DECAL - SMV emblem, used on painted surfaces only	1
4	202013C2	EMBLEM - slow moving vehicle, replaces 26-1 decal and is replaced by 311860A1 emblem.	1
4	311860A1	EMBLEM - slow moving vehicle, replaces 202013C2 emblem	1
5	2-6876T3	DECAL - Warning, no clearance for person when tractor turns.	1
6	60-7285T1	DECAL - instrument cluster, Power Shift.	1
7	139879A1	DECAL - diesel fuel	1
8	2-6874T2	DECAL - center hinge locking bar	1
9	2-7125T2	DECAL - Warning, rotating driveline	1
10	60-7286T1	DECAL - instrument cluster, SynchroShift.	1
12	2-6935T2	DECAL - Warning, lifting data	1
13	426-412	BOLT - hex, 1/4 NC x 3/4 inch, grade 8, not shown	2
14	425-104	NUT - hex, 1/4 inch NC, not shown	2
15	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch, not shown	2
21	A189007	DECAL - warranty, fuel pump	1



**9370, 9380, and 9390 Tractor
DECALS**

9-117

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6416T1	DECAL - control console, Power Shift tractor	1
2	60-7065T1	DECAL - control console, SynchroShift tractor	1
3	60-5939T2	DECAL - gauge panel, prior to P.I.N. JEE0071001	1
4	60-7064T1	DECAL - overhead relay	1
5	60-5980T1	DECAL - master lamps, ROPS	1
6	60-5866T1	DECAL - Caution, when operating this vehicle use hearing protection	1
7	60-6468T2	DECAL - Warning, avoid injury or death	1
8	60-5939T3	DECAL - gauge panel, P.I.N. JEE0071001 and after	1
9	2-6879T1	DECAL - emergency exit	1
10	60-6297T1	DECAL - circuit breaker	1
11	60-7158T1	DECAL - relay	1
12	60-7153T1	DECAL - overhead controls	1
13	60-6716T1	DECAL - climate control panel.	1

CASE *ii*

9370

①

9370

CASE *ii*

②

CASE *ii*

9380

③

9380

CASE *ii*

④

CASE *ii*

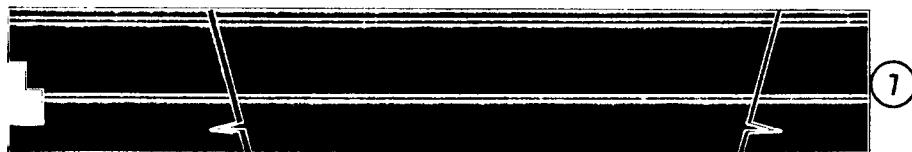
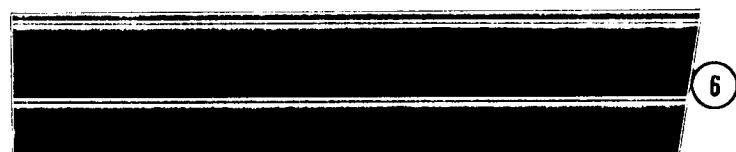
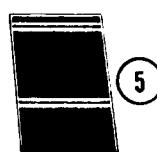
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9390

CASE *ii*

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**9370, 9380, and 9390 Tractor
DECALS**

9-119

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-7143T1	DECAL - 9370 Case International, left-hand	1
2	60-7144T1	DECAL - 9370 Case International, right-hand	1
3	60-7145T1	DECAL - 9380 Case International, left-hand	1
4	60-7146T1	DECAL - 9380 Case International, right-hand	1
5	60-7147T1	DECAL - cab, left-hand side	1
6	60-7149T1	DECAL - cab, right-hand side	1
7	60-7148T1	DECAL - cab, rear	1
8	60-7224T1	DECAL - 9390 Case International, left-hand	1
9	60-7223T1	DECAL - 9390 Case International, right-hand	1

Table 1:

M P H	L O	H I	G E A R	R A N G E
2.3	2.5	1	A	
3.1	3.3	2	A	
3.8	4.1	1	B	
4.2	4.6	3	A	
5.2	5.6	2	B	
6.1	6.6	1	C	
7.1	7.6	3	B	
8.2	8.8	2	C	
9.5	10.3	1	D	
11.2	12.1	3	C	
12.9	13.9	2	D	
17.7	19.0	3	D	
3.3	3.5	R	A	
6.8	6.9	R	B	
8.7	9.3	R	C	

Table 2:

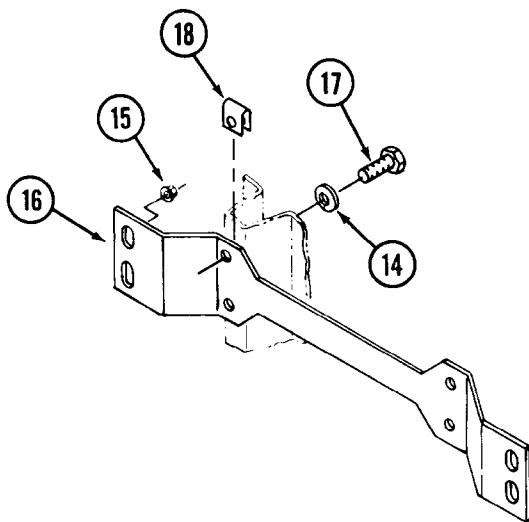
M P H	L O	H I	G E A R	R A N G E
2.3		1	A	
3.1		2	A	
3.8		1	B	
4.2		3	A	
5.2		2	B	
6.1		1	C	
7.1		3	B	
8.2		2	C	
9.5		1	D	
11.2		3	C	
12.9		2	D	
17.7		3	D	
3.3		R	A	
6.8		R	B	
8.7		R	C	

Table 3:

GEAR	MPH
1	2.0
2	3.1
3	3.0
4	3.7
5	4.4
6	5.5
7	6.6
8	7.6
9	8.6
10	11.7
11	14.1
12	17.3
R1	2.7
R2	4.6
R3	6.6

STEIGER®¹³

STEIGER¹⁴



**9370, 9380, and 9390 Tractor
DECALS**

9-121

REF.	PART NO.	DESCRIPTION	REQ'D.
1	60-6723T1	DECAL - MPH, 24 speed SynchroShift	1
2	60-6567T2	DECAL - MPH, 12 speed SynchroShift	1
3	60-6568T1	DECAL - gear/mile per hour, Power Shift	1
7	60-7097T1	DECAL - Steiger, if used	1
13	2-4585T2	EMBLEM - Steiger, grille	1
14	495-11028	WASHER - flat, 9/32 x 5/8 x 1/16 inch.....	4
15	9420182	NUT - special.....	4
16	70-6772T1	BRACKET - emblem	1
17	281-18712	SCREW - self-tapping, hex washer head, 1/4 NC x 3/4 inch.....	4
18	131-610	NUT - U-type, 1/4 inch NC.....	2

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A147508	8-47	12	A45368	4-47	23	A47197	8-59	5
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A163012	9-31	31	A45686	4-15	9	A47199	8-51	7
A163012	9-33	31	A46915	8-77	8	A47199	8-55	7
A164503	6-117	58	A46916	8-77	9	A47199	8-59	7
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A166318	8-89	7	A46918	8-77	11	A47199	8-73	44
A169139	9-111	9	A46919	8-77	12	A47201	8-73	63
A169139	9-113	9	A46920	8-77	13	A47201	8-81	81
A169139	9-113	19	A46921	8-77	14	A47204	8-53	85
A169456	8-77	1	A46923	8-81	63	A47204	8-57	85
A169456	8-79		A46961	7-13	14	A47204	8-61	85
A169456	8-81		A46961	7-15	14	A47204	8-71	28
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A177462	9-65	20	A46962	7-15	11	A47205	8-55	25
A17924	8-29	7	A46968	7-13	8	A47205	8-59	25
A186061	4-79	9	A46968	7-15	8	A47205	8-63	25
A186061	4-81	9	A46969	7-13	9	A47205	8-71	9
A186061	8-91	44	A46969	7-15	9	A47205	8-79	27
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90-8379T1	2-7	2	90-8454T91	6-15				
90-8380T1	2-7	12	90-8454T91	6-17				
90-8381T1	7-9	8	90-8454T91	6-19				
90-8381T1	7-11	8	90-8454T91	6-21				
90-8383T1	2-21	47	90-8454T91	6-23				
90-8383T1	4-45	13	90-8454T91	6-25				
90-8385T1	6-59	26	90-8454T91	6-27				
90-8385T1	6-83	26	90-8454T91	6-29				
90-8386T1	6-59	27	90-8454T91	6-31				
90-8386T1	6-83	27	90-8454T91	6-33				

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