Form No. 3325-371

Traction Unit

Groundsmaster® 455D

Model No. 30450—210000001 and Up
Model No. 30455—210000001 and Up

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b.** The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y.** The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number 37 are indicated.

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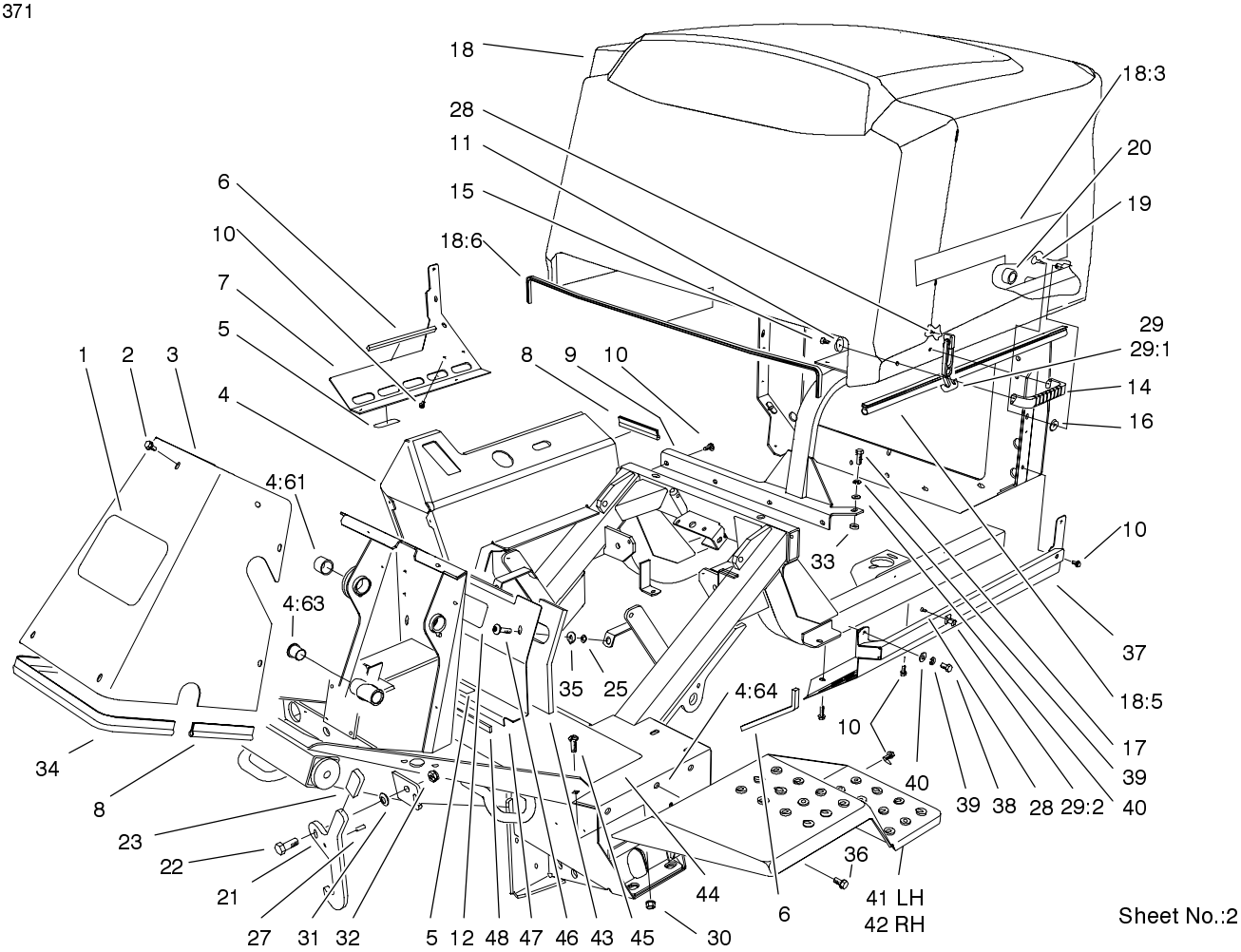
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming
HYD	hydraulic
INC	incorporated
LH	left hand
NI	nylon insert
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	Torx truss head
WH	wing head

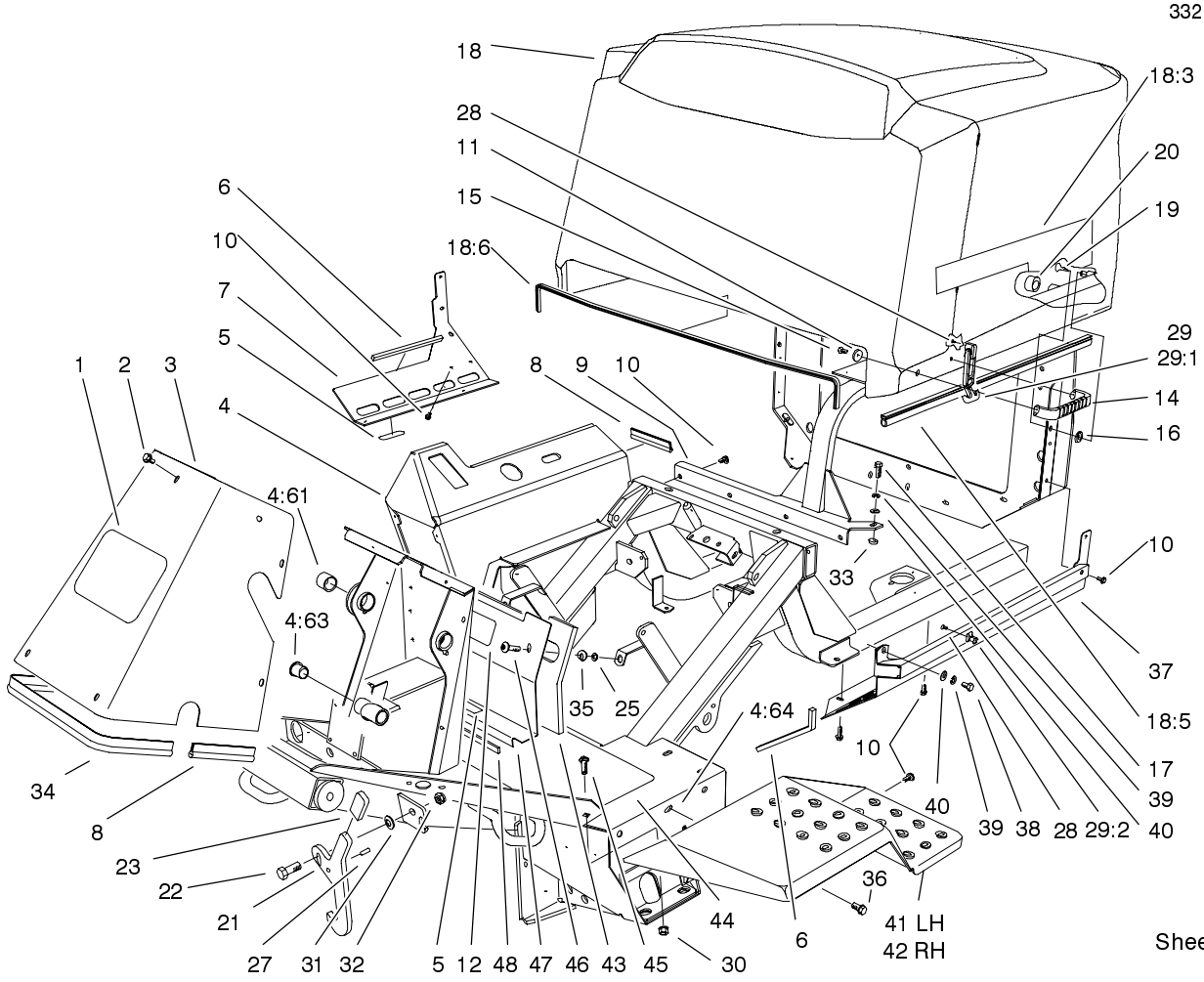


Sheet No.:2

Frame and Body Assembly

Ref. No.	Part No.	Qty.	Description
1	62-7400	1	Decal-Toro
2	46-6810	9	Screw & Washer ASM
3	76-9700-01	1	Cover-Tower
4	84-1080	1	Frame (only on: 30450)
4	98-7826	1	Frame (only on: 30455)
4:61	256-237	1	Bushing
4:63	256-10	2	Bushing-Flange
4:64	32148-9	10	Nut-Insert
5	70-2560	2	Decal - Oil
6	68-7573	2	Strip-Sealing
7	94-5601-03	1	Support-Tank, Lower
8	76-6360	2	Strip-Sealing
9	93-7236-03	1	Support-Air Cleaner
10	32144-11	17	Screw-TAP
11	3256-78	2	Washer-Flat
12	93-9426	1	Decal - Danger
14	65-5100	1	Handle-Door
15	46-8091	2	Screw-HWH
16	83-1470	2	Washer - Neoprene
17	323-6	1	Screw-HH
18	93-7798	1	Hood ASM
18:3	84-1460	2	Decal Gm455d
18:5	94-5617	2	Strip-Sealing, Hood
18:6	94-5618	1	Trim - Firewall

Ref. No.	Part No.	Qty.	Description
19	3290-467	2	Pin-Hair
20	94-5613	2	Stop - Rubber
21	84-1490-01	2	Latch-Lockup
22	325-5	2	Screw-HH
23	48-7081	2	Grip-Plastic
25	32151-72	2	Ring-Retaining
27	32121-11	2	Pin-Roll
28	3290-359	3	Screw-HWH
29	94-5626	1	Latch - Draw, Flexible
29:1	100-5806	1	Handle - Latch
29:2	100-5807	1	Keeper - Latch
30	3290-357	2	Nut-Flange, Lock
31	3290-483	2	Washer
32	3296-25	2	Nut-Lock NI
33	80-7730	1	Spacer
34	76-6361	1	Strip-Sealing
35	3256-3	2	Washer-Flat
36	3234-12	7	Screw-HHF
37	94-5609-03	1	Cover-Hood, Lower
38	323-4	1	Screw-HH
39	3253-21	2	Washer-Lock
40	3256-24	2	Washer-Flat
41	76-9300-01	1	Fender-LH
42	76-9340-01	1	Fender-RH
43	88-1310	1	Strip-Foam, Cover
44	74-4090	1	Tread - Foot Rest



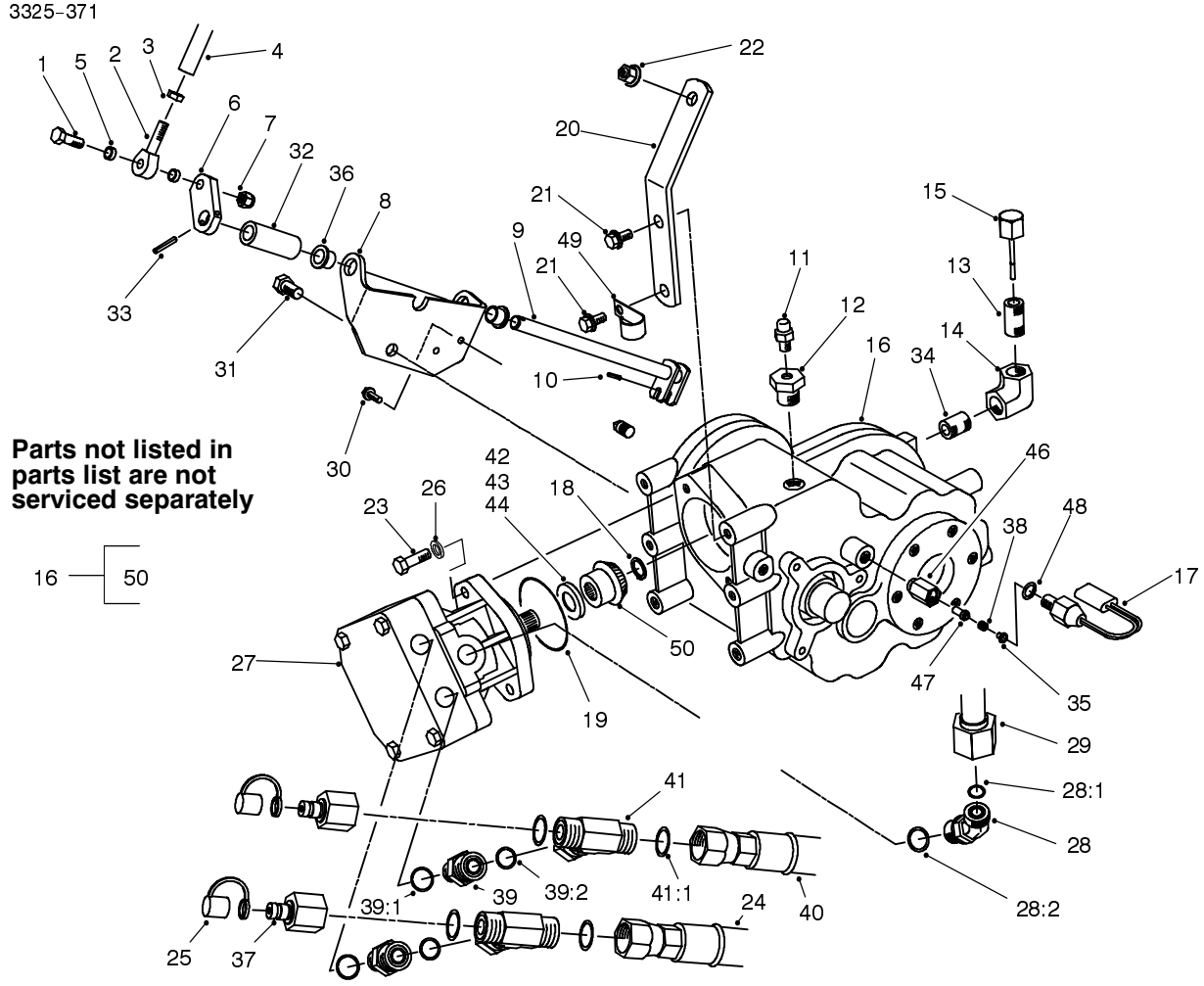
Sheet No.:2

Frame and Body Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
45	3231-22	2	Screw-CARR
46	3250-36	2	Screw-PPH
47	100-2596-03	1	Cover-Seat, Front
48	76-6380	1	Seal-Cover, Front

Ref. No.	Part No.	Qty.	Description

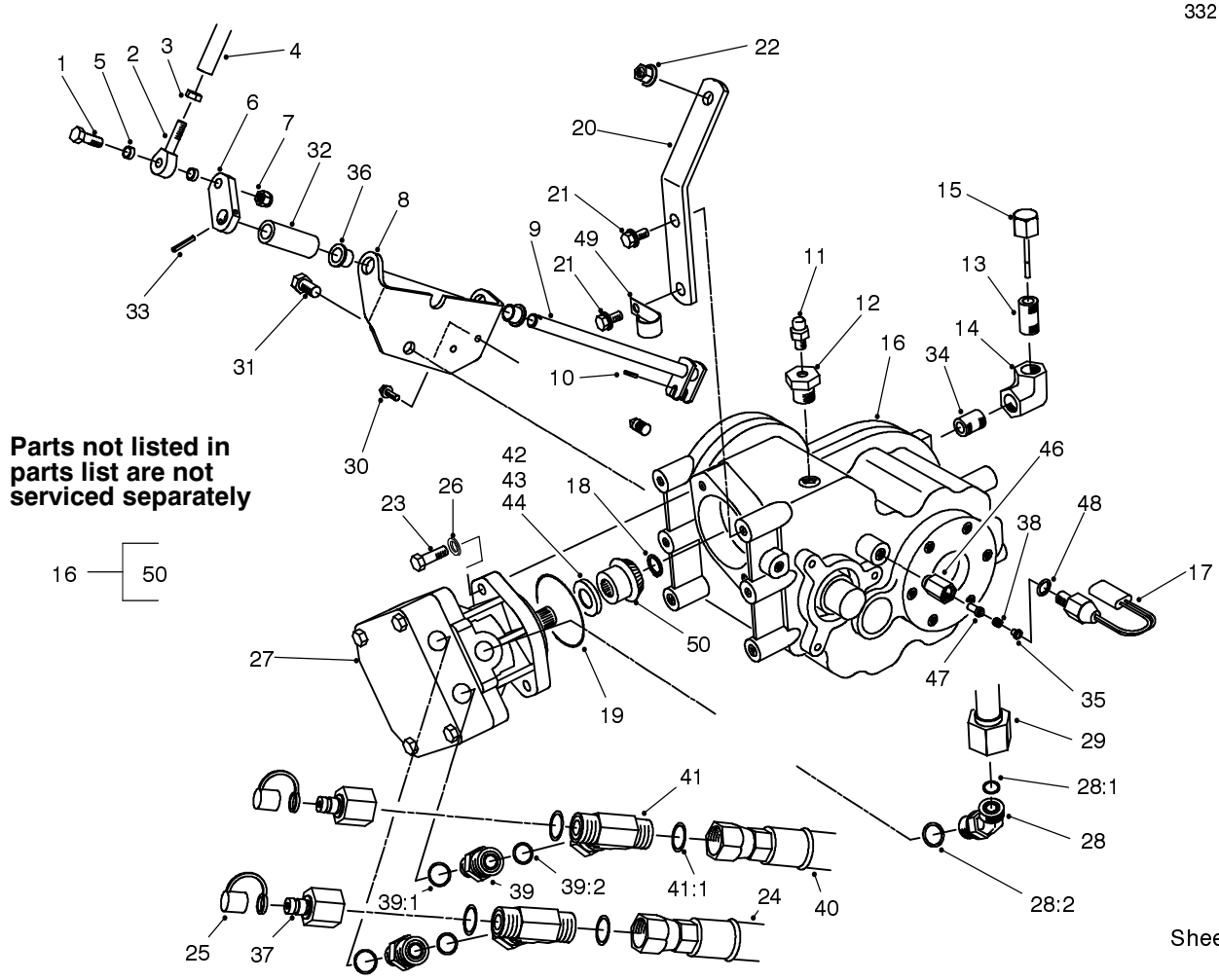
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Front Transaxle Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	323-9	1	Screw-HH
2	2411-36	1	Bearing-End, Rod
3	3220-3	1	Nut-Jam
4	84-0690	1	Rod-Shift
5	76-9100	2	Spacer-Speed, Reel
6	77-4260	1	Link - Shift
7	3296-59	1	Nut-Lock, NI
8	84-1610-03	1	Support-Shift Rod
9	84-0700	1	Rod-Shift
10	32121-24	1	Pin-Spring
11	302-14	1	Fitting-Vent
12	2812-11	1	Bushing-Reducer
13	289-44	1	Nipple-Pipe
14	2813-14	1	Pipe-Elbow, 90
15	27-3710	1	Dipstick
16	99-7566	1	Transaxle-2 Speed
17	72-4320	1	Switch
18	32151-62	1	Ring-Retaining
19	237-167	1	O-Ring
20	84-1600	1	Lever Arm, Front Axle
21	3234-12	2	Screw-HHF
22	3290-357	1	Nut-Flange, Lock
23	323-7	2	Screw-HH
24	92-5830	1	Hose ASM - Traction
25	353-947	2	Cap-Dust, Rubber
26	3256-24	2	Washer-Flat

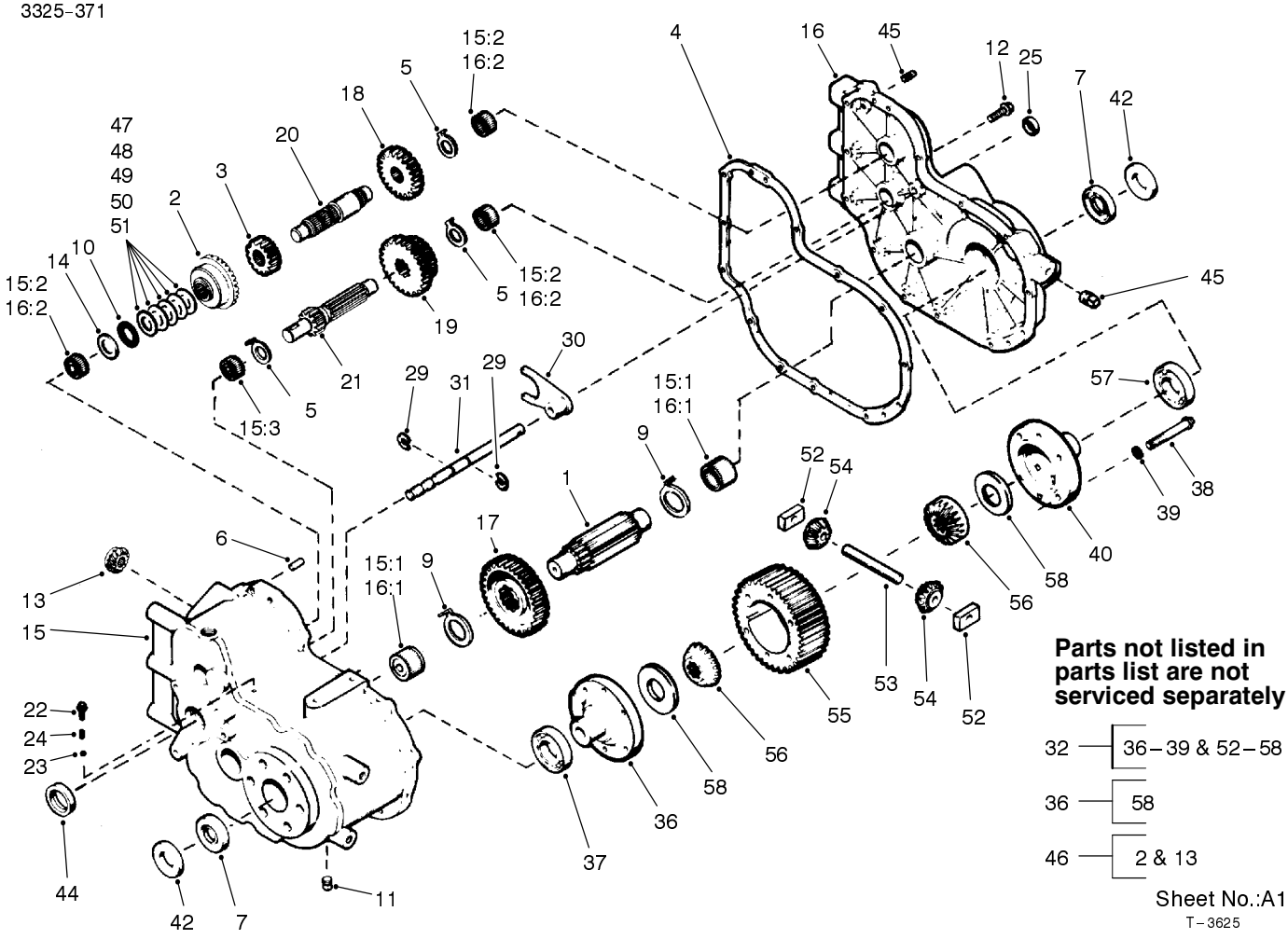
Ref. No.	Part No.	Qty.	Description
27	92-2556-01	1	Motor-Fixed Displacement
28	340-101	1	Fitting-Hyd
28:1	237-30	1	O-Ring
28:2	237-79	1	O-Ring
29	86-5750	1	Tube ASM-Motor Drain
30	3234-4	2	Screw-HHF
31	325-2	1	Screw-HH
32	86-5420	1	Spacer-Shift Rod
33	32121-6	1	Pin-Roll
34	289-50	1	Nipple-Pipe
35	43-8610	1	Guide
36	3-1506	2	Bushing
37	86-5860	2	Nipple
38	92-1366	1	Spring - Compression
39	340-155	2	Fitting-Hydraulic
39:1	237-79	1	O-Ring
39:2	237-151	1	O-Ring
40	92-5841	1	Hose ASM - Traction (only on: 30450)
40	92-7765	1	Tube ASM-Traction, 4wd (only on: 30455)
41	340-167	2	Fitting-Hyd, Tee
41:1	237-65	3	O-Ring
42	82-5380	1	Shim - Pinion, .045



Front Transaxle Installation Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
43	82-5390	1	Shim - Pinion, .038
44	82-5400	1	Shim - Pinion, .052
46	92-1364	1	Guide -Switch Pin
47	92-1365	1	Plunger - Switch
48	237-30	1	O-Ring
49	2412-150	1	J-Clip

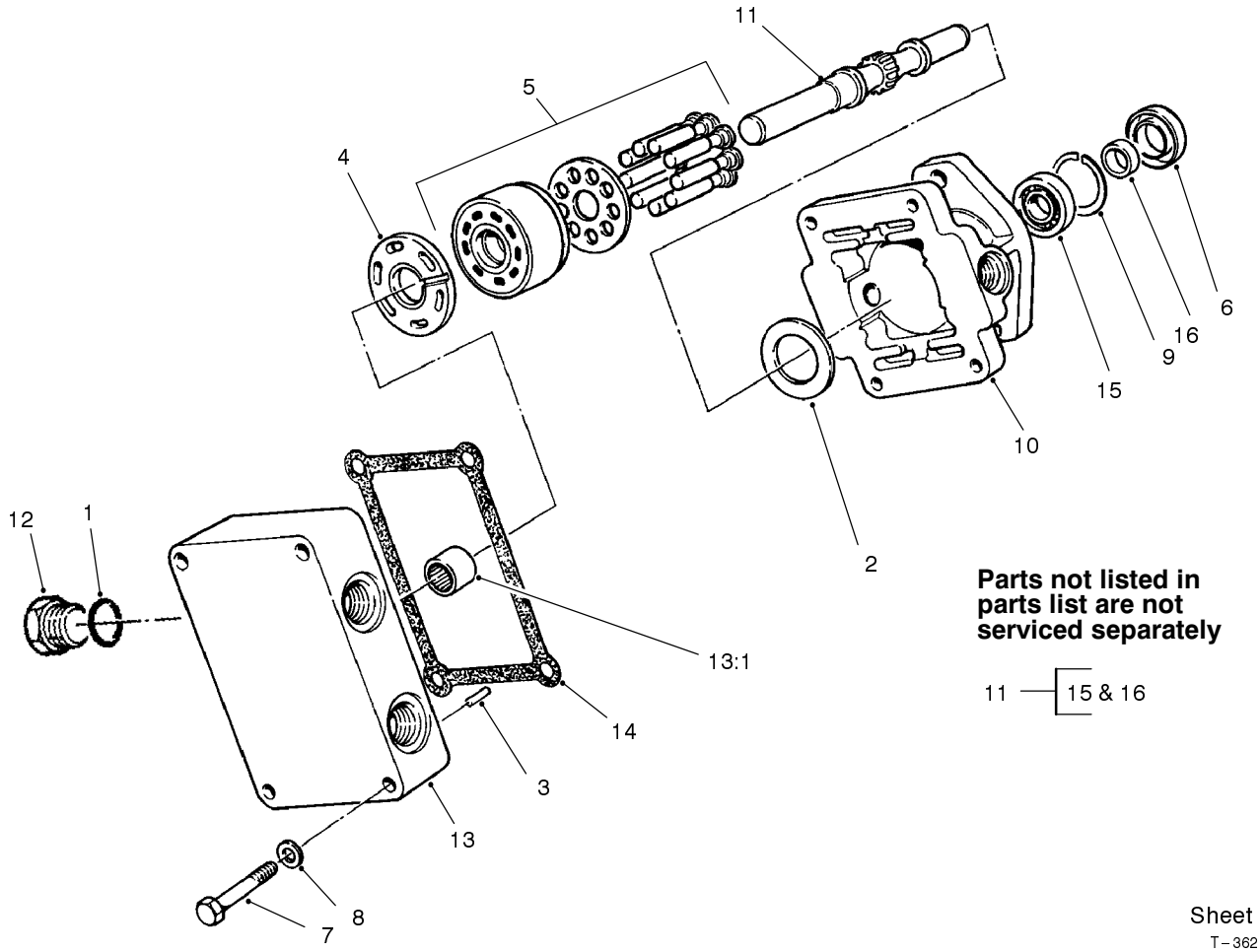
Ref. No.	Part No.	Qty.	Description



Transaxle Assembly No. 99–7566

Ref. No.	Part No.	Qty.	Description
1	76-5610	1	Pinion-Output
3	76-5630	1	Gear - Spur
4	76-5640	1	Gasket - Case & Cover
5	76-5650	3	Washer-Thrust
6	76-5660	2	Pin-Dowel
7	76-5670	2	Seal-Oil
9	76-5690	2	Washer-Thrust
10	76-5700	1	Bearing-Thrust
11	76-5710	1	Plug - Magnetic Drain
12	76-5720	13	Screw - Thread Forming
14	76-5680	1	Washer-Thrust
15	92-0639	1	Case ASM-Transaxle
15:1	76-5860	2	Bearing-Needle
15:2	76-5870	3	Bearing-Needle
15:3	92-0640	1	Bearing-Needle
16	76-5760	1	Cover ASM-Transaxle
16:1	76-5860	2	Bearing-Needle
16:2	76-5870	3	Bearing-Needle
17	92-0642	1	Gear - Output
18	76-5780	1	Gear-Spur
19	92-0644	1	Gear - Cluster, 19 & 27t
20	92-0641	1	Shaft - Counter

Ref. No.	Part No.	Qty.	Description
21	92-0645	1	Shifter-Gear & Shaft
22	76-5820	1	Screw - HHF
23	76-5830	1	Ball - Steel
24	76-5840	1	Spring - Shifter Fork
25	76-5850	1	Seal-Oil
29	76-5890	2	Ring-Retaining
30	76-5900	1	Fork-Shift
31	92-0647	1	Rod - Shift, Hi-Low
32	99-7567	1	Differential ASM
36	76-5960	1	Carrier - Differential
37	92-0646	2	Bearing - Ball
38	76-5980	6	Screw - HHF
39	98-3801	6	Washer
40	76-5990	1	Carrier - Differential
42	76-6010	2	Spacer
44	76-6030	1	Seal-Oil
45	76-6040	2	Plug-Pipe
46	84-0080	1	Gear Set-Matched Spiral
47	76-5680	1	Washer-Thrust
48	76-5740	1	Washer-Thrust
49	84-0090	1	Washer-Thrust
50	84-0130	1	Washer-Thrust
51	84-0140	1	Washer-Thrust



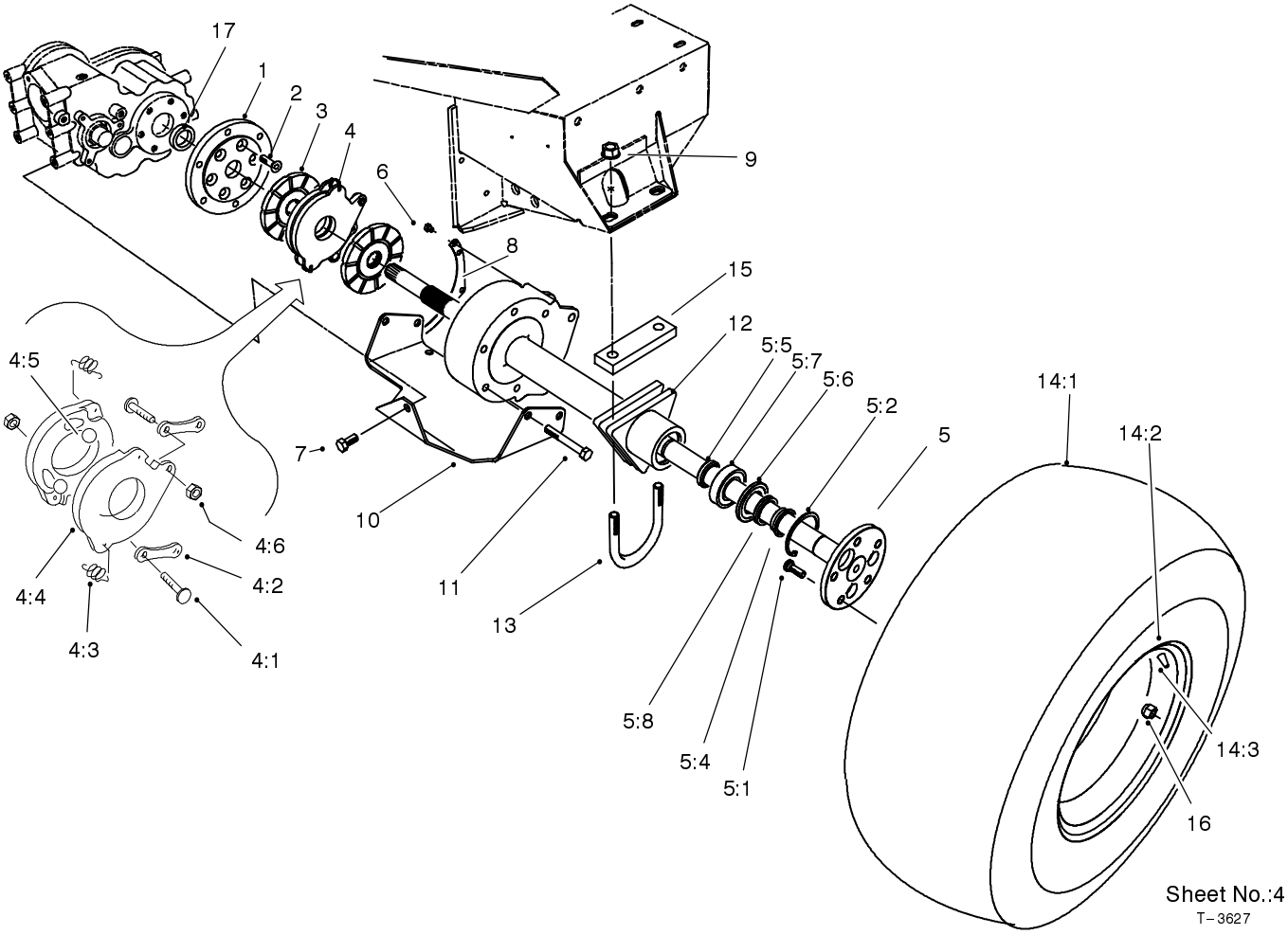
Sheet No.:A2
T-3626

Hydraulic Motor No. 92-2556-01

Ref. No.	Part No.	Qty.	Description
1	237-65	4	O-Ring
2	25-2380	1	Plate-Thrust
3	25-2430	1	Pin-Dowel
4	28-3380	1	Valve Plate-Motor
5	48-1800	1	Kit-Cylinder Block
6	74-9480	1	Seal - Lip
7	74-9500	4	Screw-HH
8	74-9510	1	Washer - Plain
9	82-4970	1	Ring - Retaining
10	82-4990	1	Housing - Fixed
11	92-0636	1	Shaft ASM
12	92-2571	1	Plug-Steel
13	92-2572	1	Endcap ASM-Motor
13:1	77-3640	1	Ball Bearing
14	67-9100	1	Gasket

Ref. No.	Part No.	Qty.	Description

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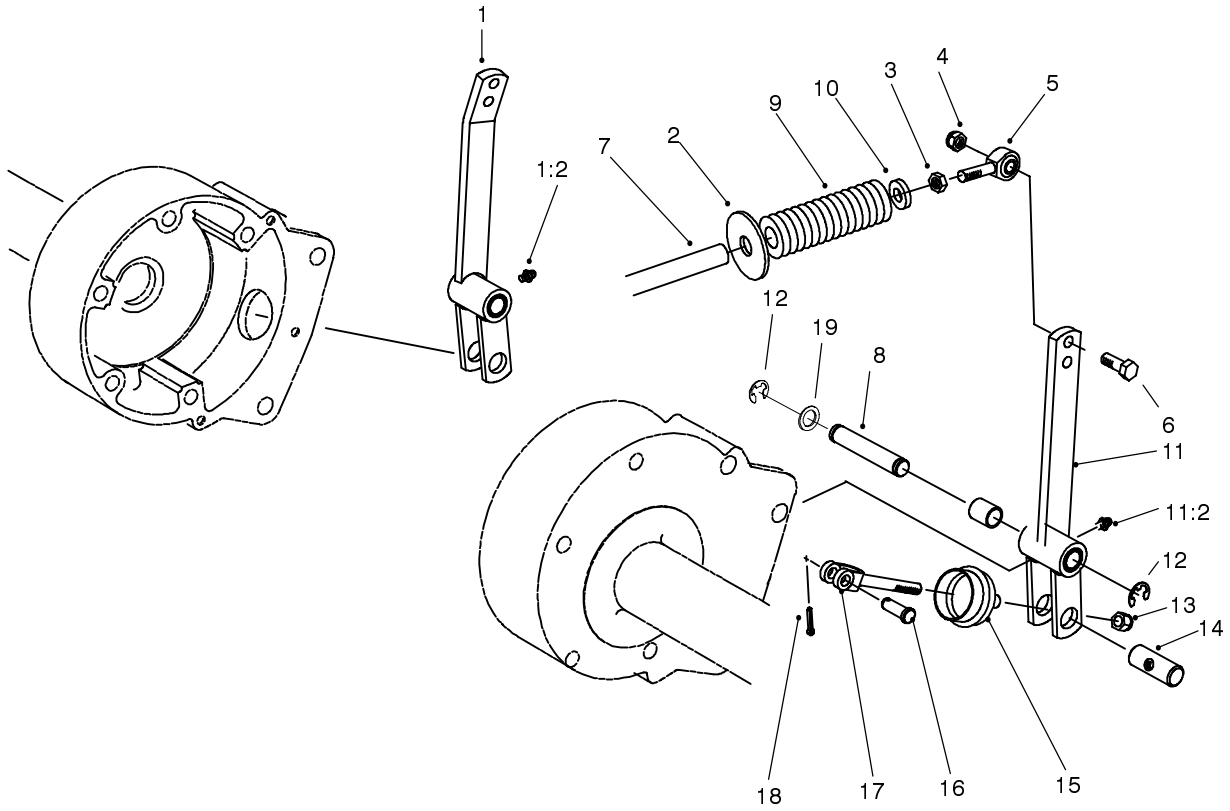


Front Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	76-4240-03	2	Plate - Adapter
2	3274-87	12	Screw-HSFH
3	74-3640	4	Disc-Middle
4	74-3630	2	Disc-Actuating
4:1	92-7774	2	Stud
4:2	92-7775	2	Link
4:3	92-7776	2	Spring - Extension
4:4	92-7777	2	Disc - Actuating
4:5	92-7773	3	Ball
4:6	69-9940	2	Nut-HJ
5	92-9714	2	Axle ASM-Flanged
5:1	242-34	5	Stud-Drive
5:2	32151-76	1	Ring-Retaining
5:4	92-9706	1	Spacer-Axle, Flanged
5:5	92-9708	1	Collar - Bearing
5:6	92-9709	1	Spacer - Bearing
5:7	92-9710	1	Bearing
5:8	92-9712	1	Seal, V-Ring
6	3234-30	6	Screw-HHF
7	325-4	1	Screw-HH
8	76-8300-03	2	Cover-Axle Housing
9	32128-50	4	Nut - Flange
10	86-5430-03	1	Plate-Skid
11	325-15	10	Screw-HH
12	92-9704-03	2	Housing-Axle
13	84-1590	2	U-Bolt, Front Axle

Ref. No.	Part No.	Qty.	Description
☆14		2	Tire & Wheel ASM
14:1	86-5900	1	Tire
14:2	217-124	1	Wheel ASM
14:3	232-27	1	Stem-Valve
15	84-1620-03	2	Plate-Axle Support
16	23-7270	10	Nut-Wheel
17	76-6010	2	Spacer

☆ Not serviced

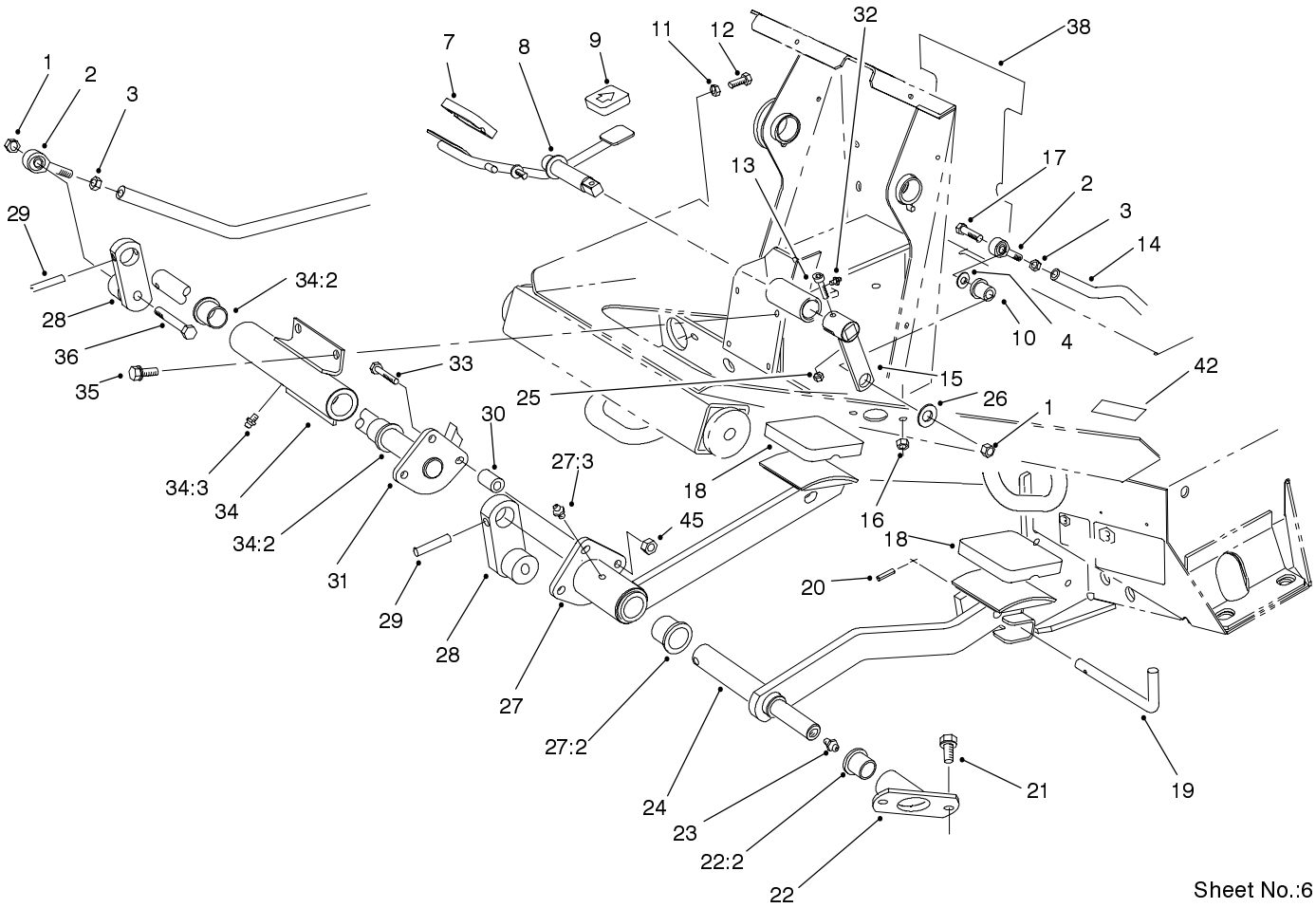


Sheet No.:5

Brake Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	84-0940	1	Fork-Brake, RH
1:2	302-5	1	Fitting-Grease
2	86-5840	2	Plate-Spring
3	3220-3	2	Nut-Jam
4	3296-59	2	Nut-Lock, NI
5	2411-36	2	Bearing-End, Rod
6	323-7	2	Screw-HH
7	76-9690-03	2	Rod-Brake
8	84-0990	2	Pin-Pivot
9	86-5830	2	Spring-Compression
10	66-6480	2	Washer
11	84-0970	1	Fork-Brake, LH
11:2	302-5	1	Fitting-Grease
12	32120-19	4	E-Ring
13	3296-39	2	Nut-Lock, NI
14	76-8270	2	Pin - Brake
15	76-4180	2	Boot - Brake Rod
16	283-2	2	Pin-Clevis
17	76-6610	2	Clevis
18	3272-6	2	Pin-Cotter
19	3256-69	2	Washer-Flat

Ref. No.	Part No.	Qty.	Description

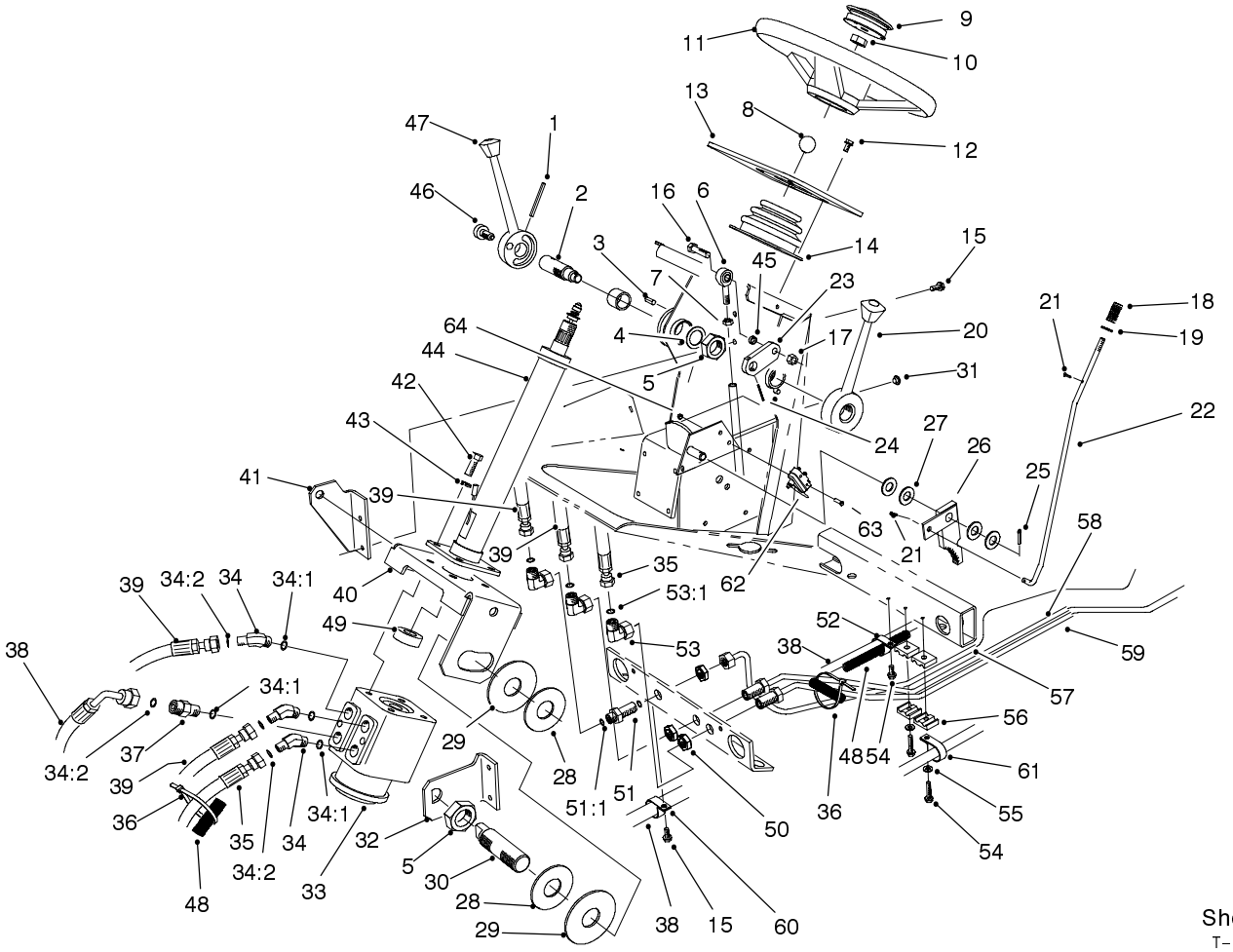


Sheet No.:6

Traction and Brake Pedals Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-59	3	Nut-Lock, NI
2	2411-36	3	Bearing-End, Rod
3	3220-3	3	Nut-Jam
4	3256-3	1	Washer-Flat
7	74-9100	1	Pad-Pedal, Forward
8	82-5190-03	1	Pedal-Traction
9	74-9110	1	Pad-Pedal, Reverse
10	63-9751	1	Mount
11	3218-2	2	Nut-Jam
12	322-4	2	Screw-HH
13	3274-19	1	Screw-HSH
14	88-1160-03	1	Rod-Control
15	92-1367	1	Lever-Traction
16	32128-20	2	Nut-HF
17	323-9	1	Screw-HH
18	82-4960	2	Pad-Foot, Brake
19	63-7880	1	Pin-Latch, Brake
20	32121-50	1	Pin-Spring
21	3234-14	2	Screw-HHF
22	76-9680	1	Hub-Brake
22:2	256-90	1	Bushing-Flange
23	302-2	1	Fitting-Grease
24	92-5804-01	1	Pedal-Brake, LH
25	3296-42	1	Nut-Lock, NI
26	63-8410	1	Washer
27	92-5805	1	Pedal-Brake, RH

Ref. No.	Part No.	Qty.	Description
27:2	256-10	2	Bushing-Flange
27:3	302-5	1	Fitting-Grease
28	92-2586-01	2	Lever-Brake
29	32121-25	2	Pin-Roll
30	66-1140	3	Hub-Adjustment
31	92-5806-01	1	Shaft-Brake
32	302-5	3	Fitting-Grease
33	322-21	3	Screw-HH
34	76-9030	1	Support ASM-Brake
34:2	256-10	2	Bushing-Flange
34:3	302-5	1	Fitting-Grease
35	32144-11	4	Screw-TAP
36	323-12	2	Screw-HH
38	84-1470	1	Decal-Safety
42	92-1370	1	Decal-Warning
45	32152-1	3	Nut-Lock, NI

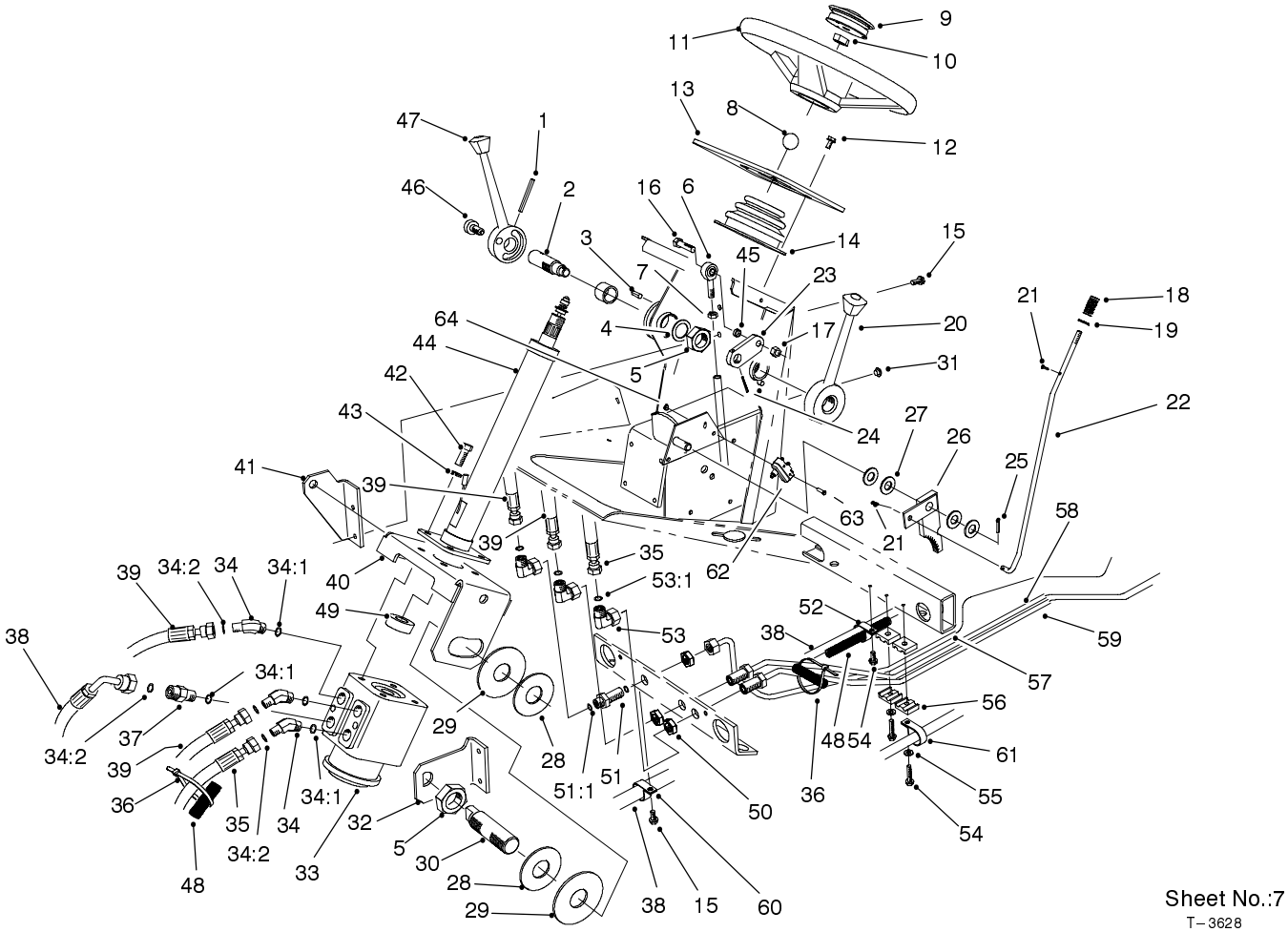


Sheet No.:7
T-3628

Steering Tower Assembly

Ref. No.	Part No.	Qty.	Description
1	32121-10	1	Pin-Roll
2	74-5790	1	Shaft-Pivot
3	32121-123	2	Pin-Roll
4	10-8110	1	Washer-Thrust
5	3296-49	2	Nut-Lock NI
6	2411-36	1	Bearing-End, Rod
7	3220-3	1	Nut-Jam
8	233-17	1	Knob
9	72-0130	1	Horn Kit
10	47-6990	1	Nut
11	68-8080	1	Wheel-Steering
12	32144-4	4	Screw-HH
13	93-9415	1	Panel-Control, Tower
14	76-9450	1	Boot-Column, Steering
15	32144-11	6	Screw-TAP
16	323-8	1	Screw-HH
17	3296-59	1	Nut-Lock, NI
18	95-1821-03	1	Spring - Compression
19	3256-22	1	Washer-Flat
20	69-1560-03	1	Lever-Lock
21	3272-5	2	Pin-Cotter
22	76-9050	1	Rod - Park Brake
23	84-0680	1	Link-Shift
24	32121-6	1	Pin-Roll
25	3272-10	1	Pin-Cotter

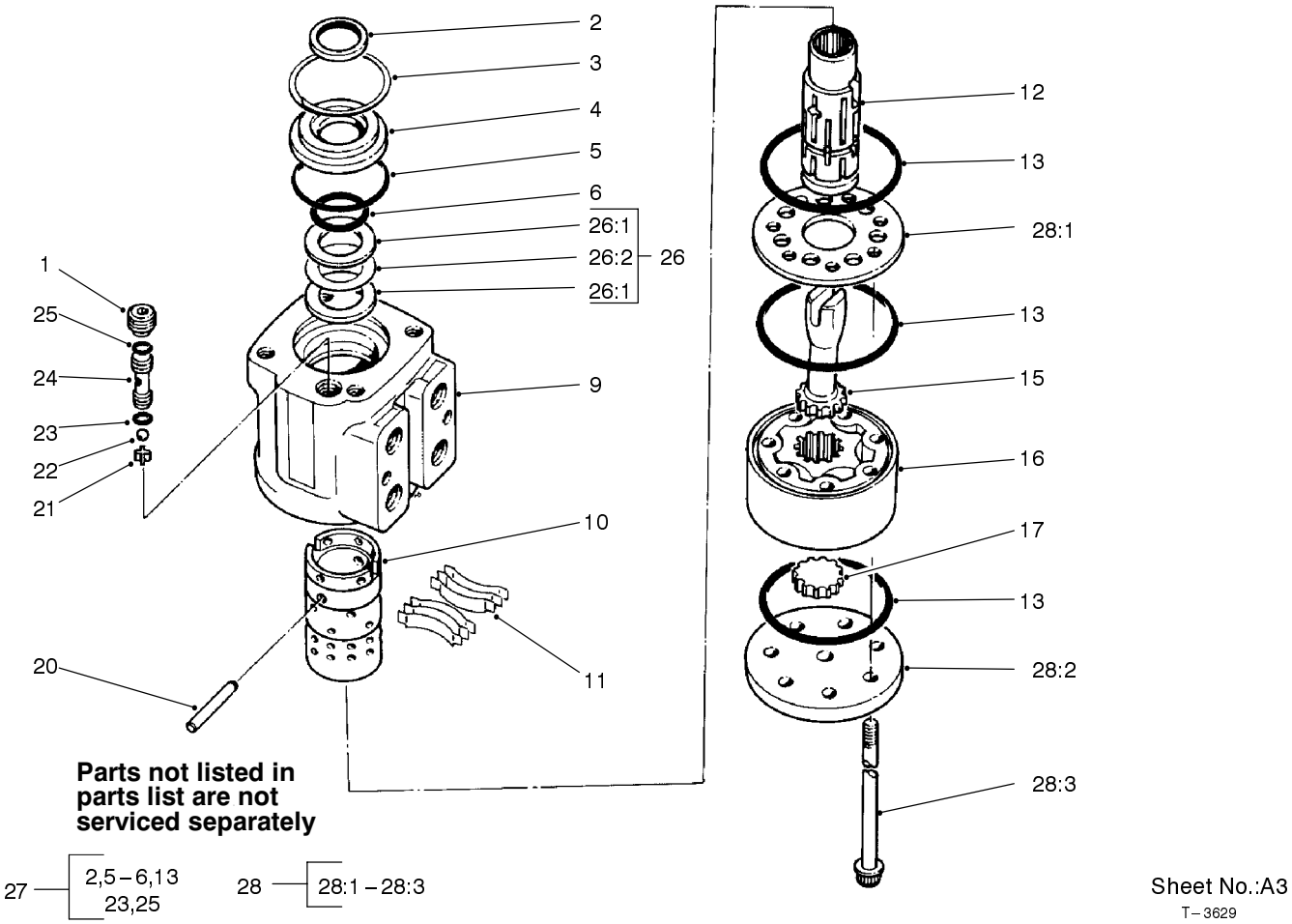
Ref. No.	Part No.	Qty.	Description
26	63-7900-03	1	Rack
27	3256-26	4	Washer-Flat
28	20-9500	2	Washer
29	83-0740	2	Disc - Friction
30	76-8340	1	Shaft - Steering Pivot
31	2410-64	2	Plug-Button
32	76-8150-03	1	Shaft-Support, Steering
33	92-9729	1	Steering Control ASM
34	340-138	3	Fitting-Hyd, 45°
34:1	237-79	1	O-Ring
34:2	237-22	1	O-Ring
35	86-3210	1	Hose ASM
36	3290-378	2	Tie-Cable
37	59-6430	1	Valve-Check
38	86-5570	1	Hose ASM
39	86-3220	2	Hose ASM
40	76-8140-03	1	Bracket-Gear, Steering
41	76-8160-03	1	Support-Gear, Steering
42	323-6	4	Screw-HH
43	3253-21	4	Washer-Lock
44	74-3670	1	Steering ASM-Column
45	76-9100	1	Spacer-Speed, Reel



Steering Tower Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
46	82-4950	1	Plunger-Spring
47	74-5770-03	1	Lever-Shift
48	104-7415	1	Wire Harness-Front
49	21-9260	1	Cover-Dust
50	340-70	3	Locknut-Bulkhead
51	340-71	1	Fitting-Straight, Bulkhead
51:1	237-22	2	O-Ring
52	2412-74	1	Clamp
53	340-159	3	Fitting-Hyd, 90
53:1	237-22	2	O-Ring
54	32144-57	2	Screw
55	3256-71	2	Washer-Flat
56	56-7973	4	Clamp-Tube
57	94-8299	1	Tube ASM - Steering
58	86-5730	1	Tube ASM-RH Front
59	86-5740	1	Tube ASM-LH Front
60	2412-104	1	R Clamp
61	2412-147	1	Clamp (only on: 30450)
62	29-6163	1	Switch-Micro
63	3249-11	2	Screw
64	3296-9	2	Nut-Lock NI

Ref. No.	Part No.	Qty.	Description



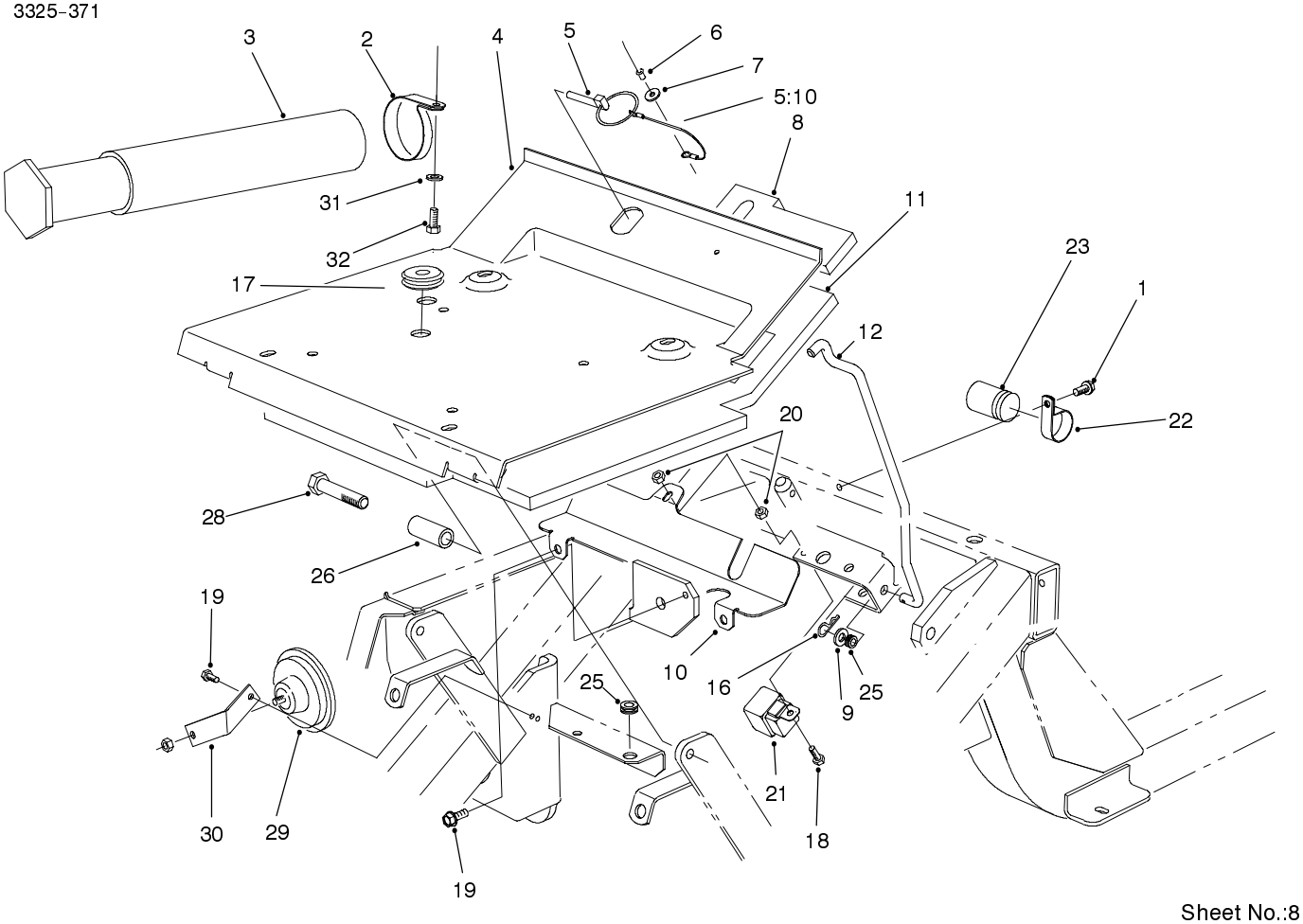
Sheet No.:A3
T – 3629

Power Steering Valve Assembly No. 92-9729

Ref. No.	Part No.	Qty.	Description
1	52-9260	1	Screw-Set
3	52-9230	1	Ring-Retaining
4	52-9240	1	Bushing
11	59-6820	1	Kit-Spring, Centering
15	52-9320	1	Drive
16	76-6300	1	Gerotor Sub-ASM
17	76-6320	1	Spacer
20	59-6830	1	Kit-Pin, Centering
21	52-9290	1	Retainer-Checkball
22	52-9280	1	Checkball
24	52-9270	1	Seat-Checkball
26	52-9250	1	Kit-Bearing
26:1	59-6730	2	Race
26:2	59-6740	1	Bearing
27	92-9749	1	Kit-Seal
28	92-9745	1	Kit - End Cap
28:1	92-9732	1	Plate - Wear
28:2	92-9730	1	Cap - End
28:3	92-9736	7	Screw - Cap

Ref. No.	Part No.	Qty.	Description

3325-371

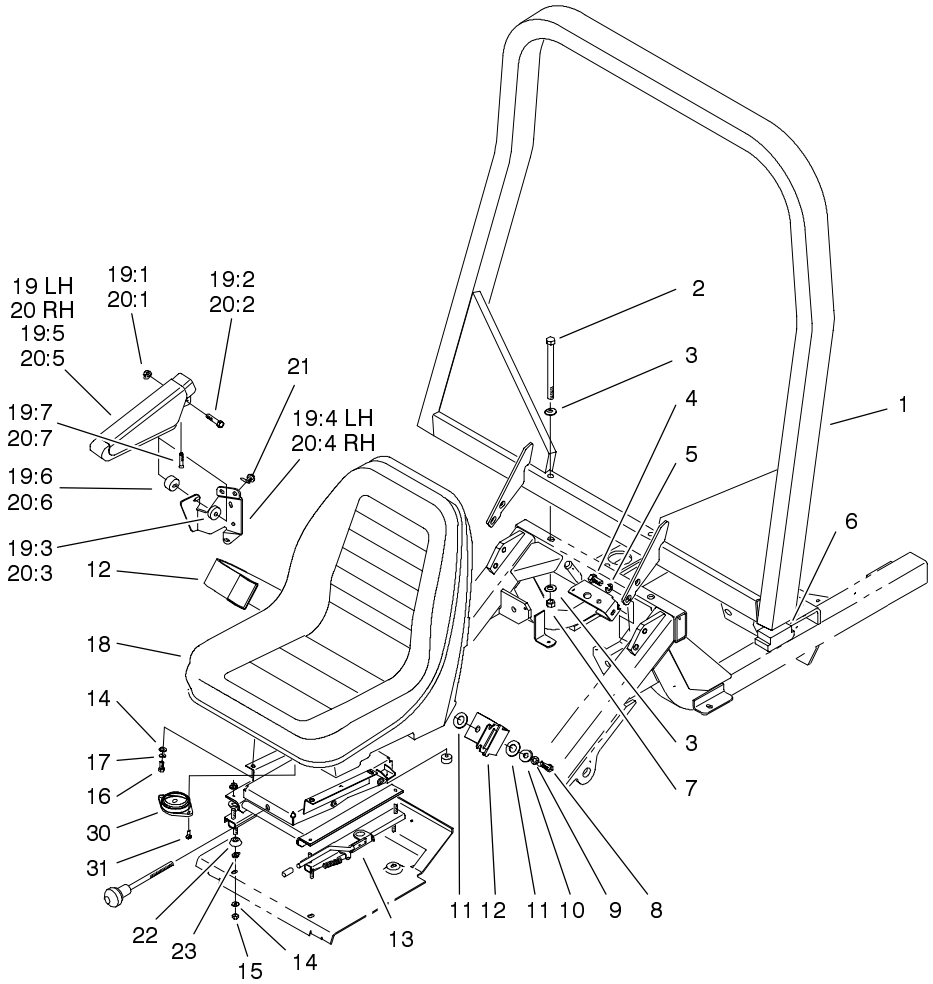


Sheet No.:8

Seat Plate Assembly

Ref. No.	Part No.	Qty.	Description
1	32104-82	1	Screw-HHF
2	2412-133	2	R-Clamp
3	74-0720	1	Tube-Manual
4	76-9460-03	1	Plate-Seat
5	77-3780	1	Pin ASM
5:10	28-8070	1	Lanyard
6	3290-282	1	Rivet-Pop, Steel
7	3256-49	1	Washer-Flat
8	76-9930	1	Foam - Center
9	3256-24	1	Washer-Flat
10	86-2860-03	1	Cover-Belt, Upper
11	82-4900	1	Foam-Seat, Rear
12	76-9440	1	Rod-Prop, Seat
16	3290-307	1	Pin-Hair
17	237-100	1	Grommet
18	321-5	1	Screw-HH
19	32144-11	3	Screw-TAP
20	32128-33	2	Nut-HF
21	70-1480	1	Relay
22	2412-74	1	Clamp
23	37-2690	1	Capacitor
25	237-136	2	Grommet
26	76-9480	2	Sleeve-Pivot, Seat
28	325-9	2	Screw-HH
29	48-4590	1	Disc-Horn
30	74-8910	1	Horn Bracket

Ref. No.	Part No.	Qty.	Description
31	3256-23	2	Washer-Flat
32	322-2	2	Screw-HH

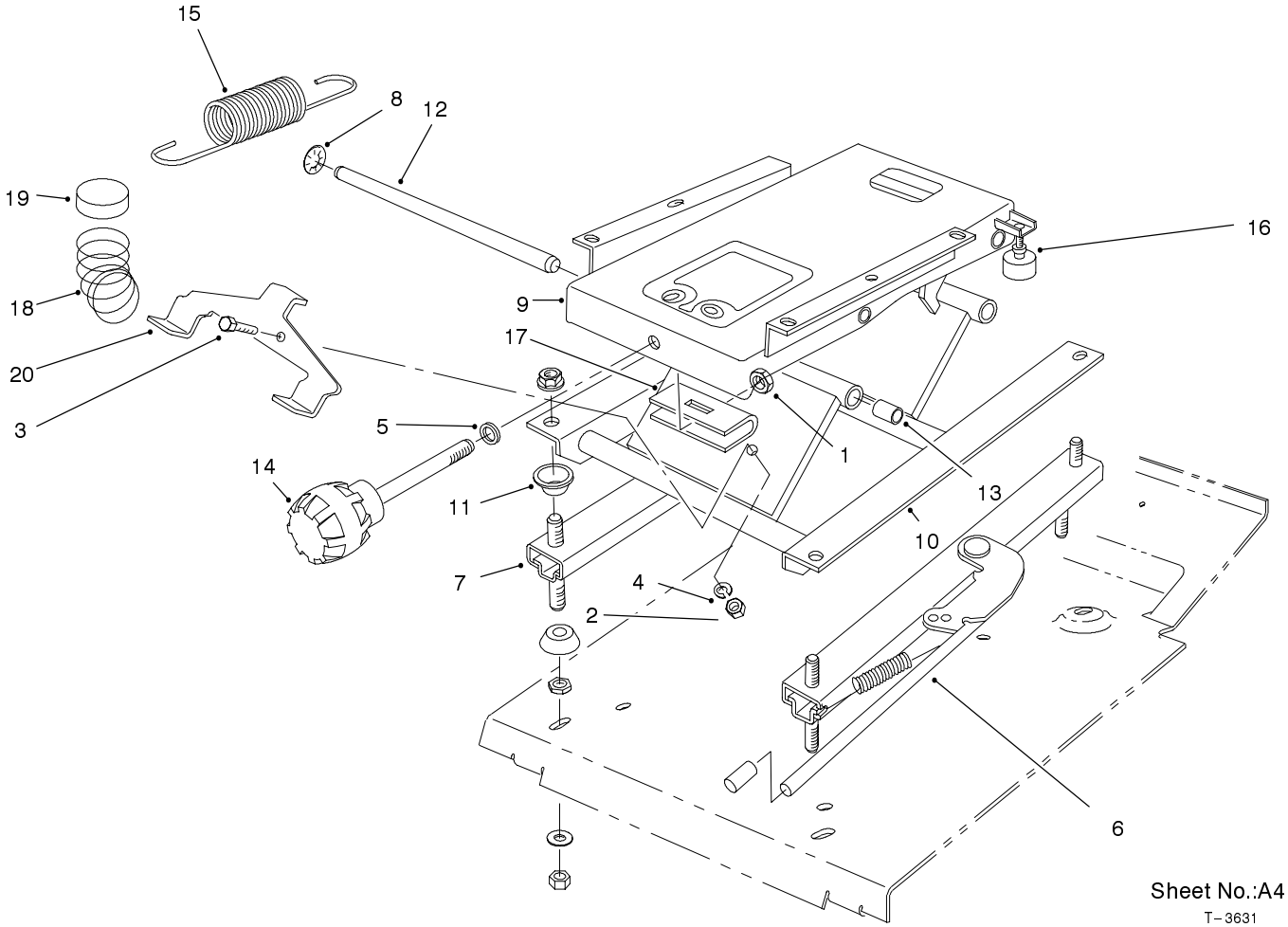


Sheet No.:9
T-3630

Seat and R.O.P.S. Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	76-9370-03	1	2 Post Rops (only on: 30455)
2	325-33	2	Screw-HH (only on: 30455)
3	3256-26	4	Washer-Flat (only on: 30455)
4	325-2	4	Screw-HH (only on: 30455)
5	3253-7	4	Washer-Lock (only on: 30455)
6	82-5370	2	Foam - Rops (only on: 30455)
7	3296-25	2	Nut-Lock NI (only on: 30455)
8	3212-5	2	Screw-HH (only on: 30455)
9	3253-6	2	Washer-Lock/Sp (only on: 30455)
10	3256-5	2	Washer-Flat (only on: 30455)
11	3256-28	2	Washer-Flat (only on: 30455)
12	21-4191	1	Seat Belt ASM (only on: 30455)
13	76-1970	1	Mini-Suspension
14	3256-2	8	Washer-Flat

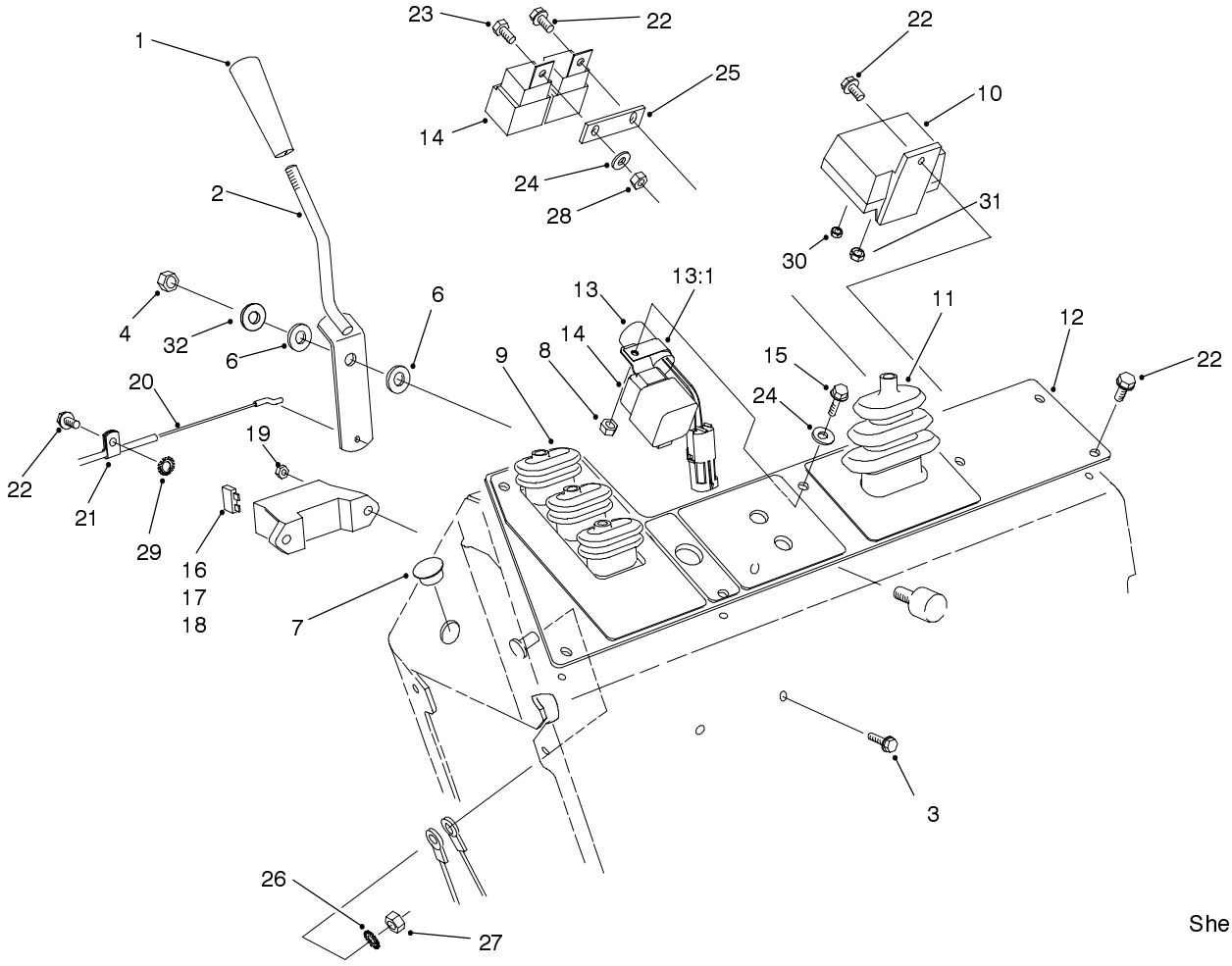
Ref. No.	Part No.	Qty.	Description
15	3296-29	4	Nut-Lock
16	322-3	4	Screw-HH
17	3253-4	4	Washer-Lock
18	104-4620	1	Seat-Olympic, Toro
19	92-7307	1	Armrest ASM-LH
19:1	32128-19	1	Nut-HF
19:2	323-9	1	Screw-HH
19:3	3256-24	1	Washer-Flat
19:4	69-0760	1	Bracket-Arm, LH
19:5	69-1180	1	Armrest
19:6	92-7301	1	Spacer
19:7	92-7318	1	Screw - Pth
20	92-7306	1	Armrest ASM-RH
20:1	32128-19	1	Nut-HF
20:2	323-9	1	Screw-HH
20:3	3256-24	1	Washer-Flat
20:4	69-0770	1	Bracket-Arm, RH
20:5	69-1180	1	Armrest
20:6	92-7301	1	Spacer
20:7	92-7318	1	Screw - Pth
21	3234-14	6	Screw-HHF
22	66-9290	4	Spacer-Suspension
23	3218-2	4	Nut-Jam
30	92-6282	1	Switch-Seat
31	321-3	2	Screw-HH



Mini Suspension Assembly No. 76-1970

Ref. No.	Part No.	Qty.	Description
1	32153-2	1	Nut-Lock
2	3217-6	1	Nut-Hex
3	322-6	1	Screw-HH
4	3253-33	1	Washer-Lock
5	3256-24	1	Washer-Flat
6	66-8510	1	Adjuster w/Handle
7	66-8530	1	Adjuster
8	66-8560	4	Nut-Push
9	66-8600	1	Frame-Upper
10	66-8610	1	Frame-Lower
11	66-9290	4	Spacer-Suspension
12	76-1910	2	Shaft-Pivot
13	76-1920	4	Bearing-Sleeve
14	76-1930	1	Knob-Adjuster, Tension
15	76-1940	2	Spring-Extension
16	76-2940	2	Bumper
17	77-2870	1	Hanger-Spring
18	93-3163	2	Spring
19	93-3164	2	Cap
20	93-3165	1	Bracket

Ref. No.	Part No.	Qty.	Description

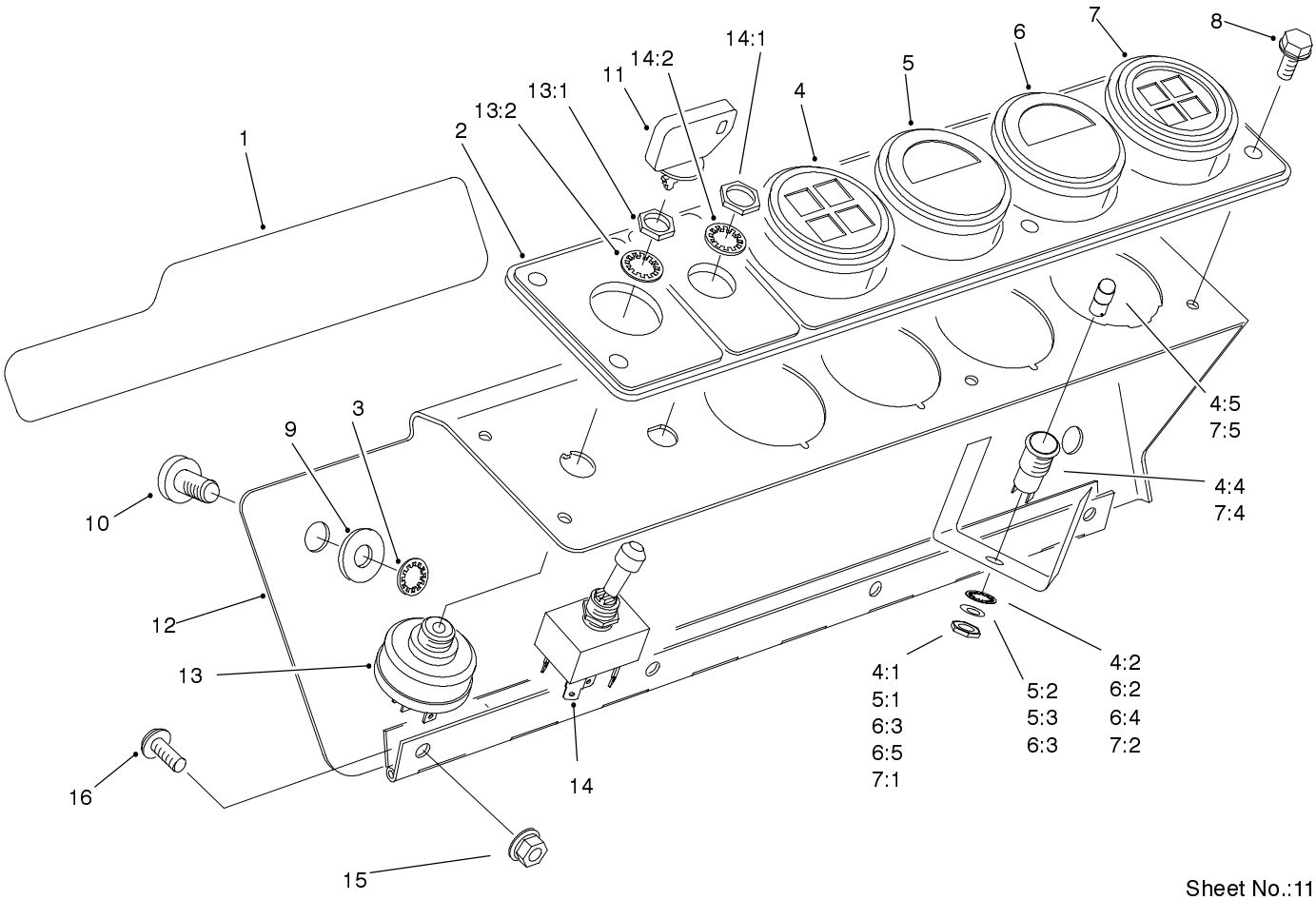


Sheet No.:10

Control Console Assembly

Ref. No.	Part No.	Qty.	Description
1	233-39	1	Knob-Control
2	76-4300	1	Lever-Throttle
3	3290-126	2	Screw
4	3296-44	1	Nut-Lock NI
6	52-2900	2	Washer
7	94-5627	1	Plug
8	32128-33	1	Nut-HF
9	76-8450	1	Lever-Lift, Boot
10	76-5260	1	Relay-Glow Plug
11	76-8440	1	Boot-Throttle
12	86-5410	1	Panel-Console
13	83-2280	1	Timer - Delay
13:1	98-4604	1	R-Clamp
14	70-1480	3	Relay
15	32144-86	1	Screw-HH
16	218-573	2	Fuse-5 Amp
17	218-581	1	Fuse - 15 Amp, 32 Volt
18	218-593	1	Fuse-30 Amps
19	3296-12	2	Nut-Lock
20	74-5480	1	Cable-Throttle
21	2412-31	1	Clamp-Boden
22	32144-4	10	Screw-HH
23	321-2	1	Screw-HH
24	3256-78	2	Washer-Flat (only on: 30450)

Ref. No.	Part No.	Qty.	Description
24	3256-78	1	Washer-Flat (only on: 30455)
25	77-3970	1	Spacer - Relay
26	3255-8	1	Washer-Lock/Ext
27	3296-47	1	Nut-Lock, NI
28	3296-42	1	Nut-Lock, NI
29	3255-7	1	Washer-Lock/Ext
30	48-7880	1	Nut-Hex
31	48-7890	1	Nut
32	3256-35	1	Washer-Flat

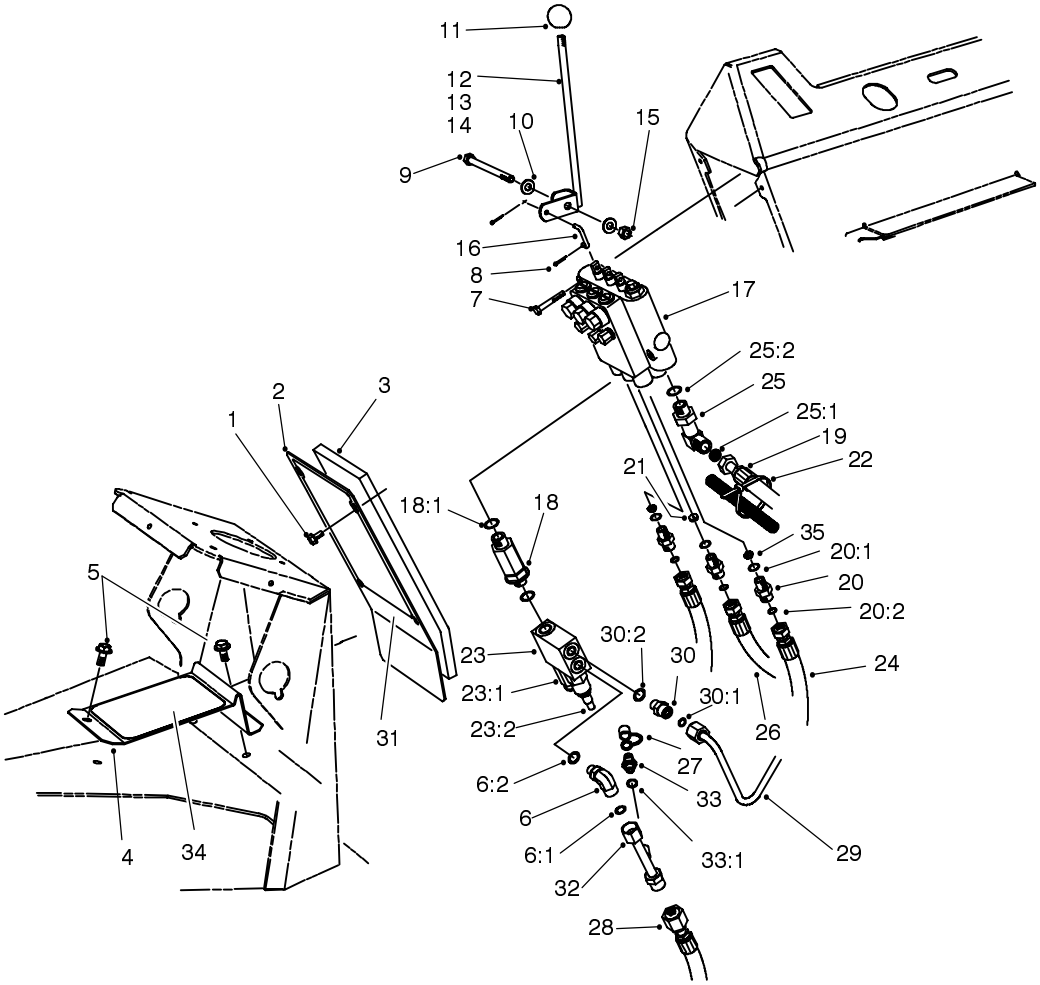


Sheet No.:11
T-3632

Gage Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	92-6564	1	Decal - 4 Matic (only on: 30455)
2	84-1450	1	Panel-Console Gauges
3	32151-72	2	Ring-Retaining
4	93-7483	1	Lamp-Cluster
4:1	3217-26	1	Nut-Hex
4:2	3254-1	1	Washer-Lock/Int
4:4	87-6270	4	Socket - Light
4:5	219-17	4	Bulb
5	76-9060	1	Gauge-Temperature
5:1	3219-14	6	Nut-Hex
5:2	3253-2	5	Washer-Lock/Sp
5:3	3256-14	2	Washer-Flat
6	66-2940	1	Gauge-Fuel
6:2	3254-1	2	Washer-Lock/Int
6:3	3217-27	2	Nut-Hex
6:4	3255-24	3	Washer-Lock/Ext
6:5	3217-16	3	Nut-Hex
7	93-7484	1	Cluster-Lamp
7:1	3217-26	1	Nut-Hex
7:2	3254-1	1	Washer-Lock/Int
7:4	87-6270	4	Socket - Light
7:5	219-17	4	Bulb
8	32144-4	6	Screw-HH
9	3256-24	2	Washer-Flat

Ref. No.	Part No.	Qty.	Description
10	3250-36	2	Screw-PPH
11	63-8360	1	Key-Ignition
12	82-3750-03	1	Cover-Console
13	27-2360	1	Switch-Key
13:1	218-446	1	Nut-Hex
13:2	218-447	1	Washer-Lock
14	85-4980	1	Switch-PTO
14:1	3218-19	2	Nut-HJ
14:2	3254-20	1	Washer-Lock/Int
15	32128-33	4	Nut-HF
16	3274-31	4	Screw-HSBH

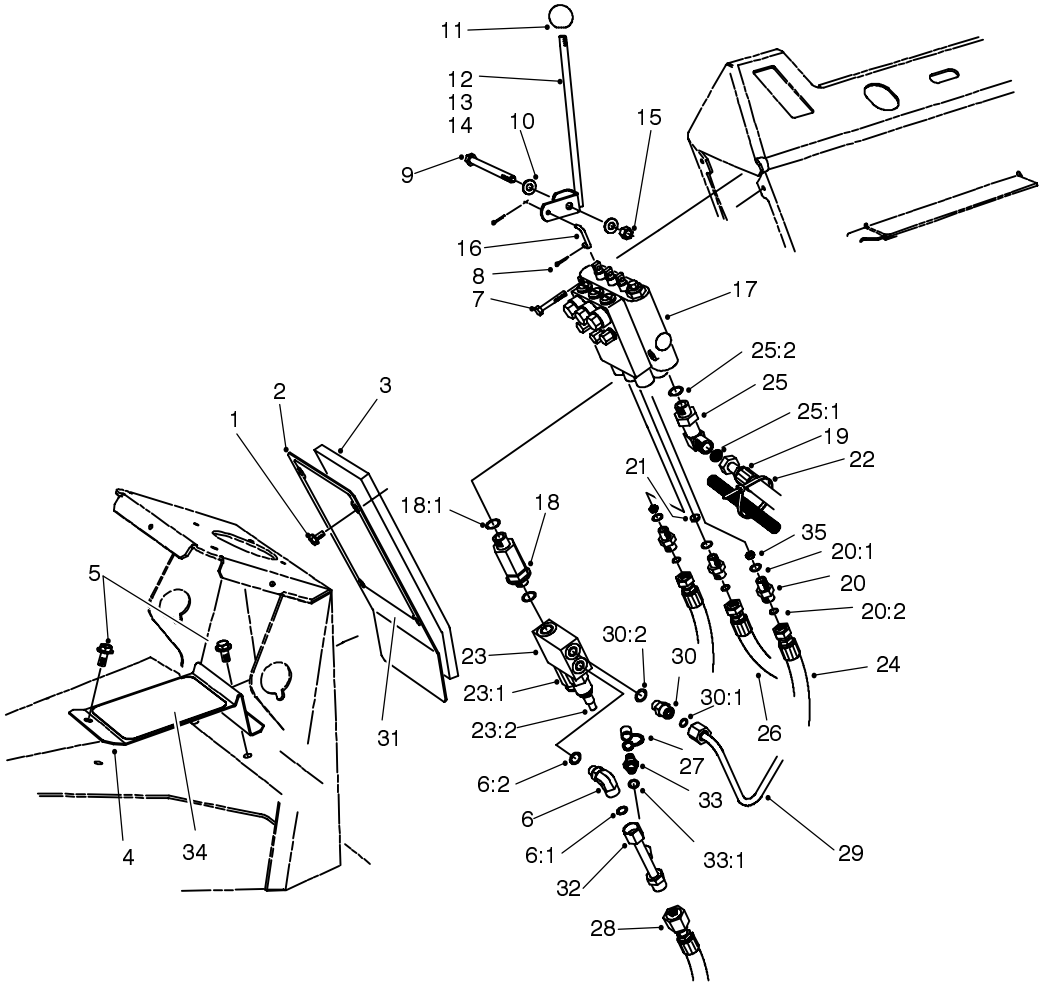


Sheet No.:12

Lift Valve Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	46-6810	4	Screw & Washer ASM
2	76-7090-03	1	Cover-Control, Front
3	76-6270	1	Strip-Foam, Panel
4	82-5300-03	1	Heel-Support
5	32144-11	2	Screw-TAP
6	340-99	1	Fitting-Hyd, 90
6:1	237-30	1	O-Ring
6:2	237-42	1	O-Ring
7	321-10	2	Screw-HH
8	3272-1	6	Pin-Cotter
9	323-17	1	Screw-HH
10	3256-24	2	Washer-Flat
11	233-42	3	Knob
12	74-6060	1	Handle
13	74-6050	1	Handle
14	69-7010	1	Lever-Valve, LH
15	3296-39	1	Nut-Lock, Nl
16	69-9140	3	Link-Levers, Valve
17	92-7762	1	Valve ASM-Control
18	74-5910	1	Bulkhead-Special
18:1	237-79	2	O-Ring
19	95-4354	1	Hose ASM
20	88-1380	3	Fitting-Adapter
20:1	237-42	1	O-Ring
20:2	237-21	1	O-Ring
21	84-6402	1	Disc - Orifice

Ref. No.	Part No.	Qty.	Description
22	3290-379	1	Tie-Cable
23	86-5440	1	Relief ASM-Dual Wing
23:1	88-1520	1	Cartridge-Relief
23:2	88-1530	1	Cartridge-Relief, Differential
24	86-3190	2	Hose ASM
25	63-4090	1	Fitting
25:1	237-30	1	O-Ring
25:2	237-79	1	O-Ring
26	86-3180	1	Hose Assy
27	353-947	1	Cap-Dust, Rubber
28	86-3230	1	Hose ASM
29	86-5770	1	Tube ASM-Relief Valve
30	340-2	1	Adapter
30:1	237-22	1	O-Ring
30:2	237-42	1	O-Ring
31	93-7242	1	Decal - Service, 4wd (only on: 30455)
31	93-7243	1	Decal - Service, 2wd (only on: 30450)
32	86-5760	1	Tube ASM-Deck Return
33	354-77	1	Fitting-Quick
33:1	237-78	1	O-Ring

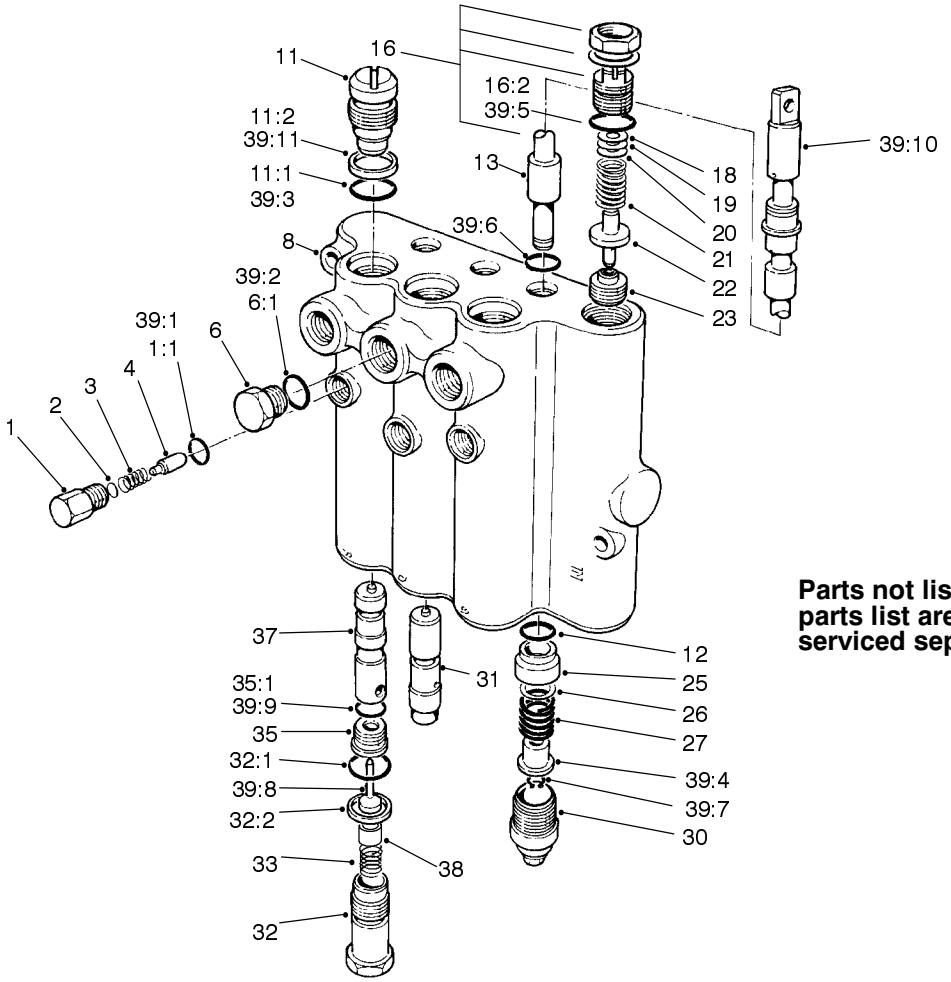


Sheet No.:12

Lift Valve Installation Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
34	76-7040	1	Pad - Foot
35	86-2501	2	Plate-Orifice

Ref. No.	Part No.	Qty.	Description



Parts not listed in parts list are not serviced separately

Sheet No.:A5

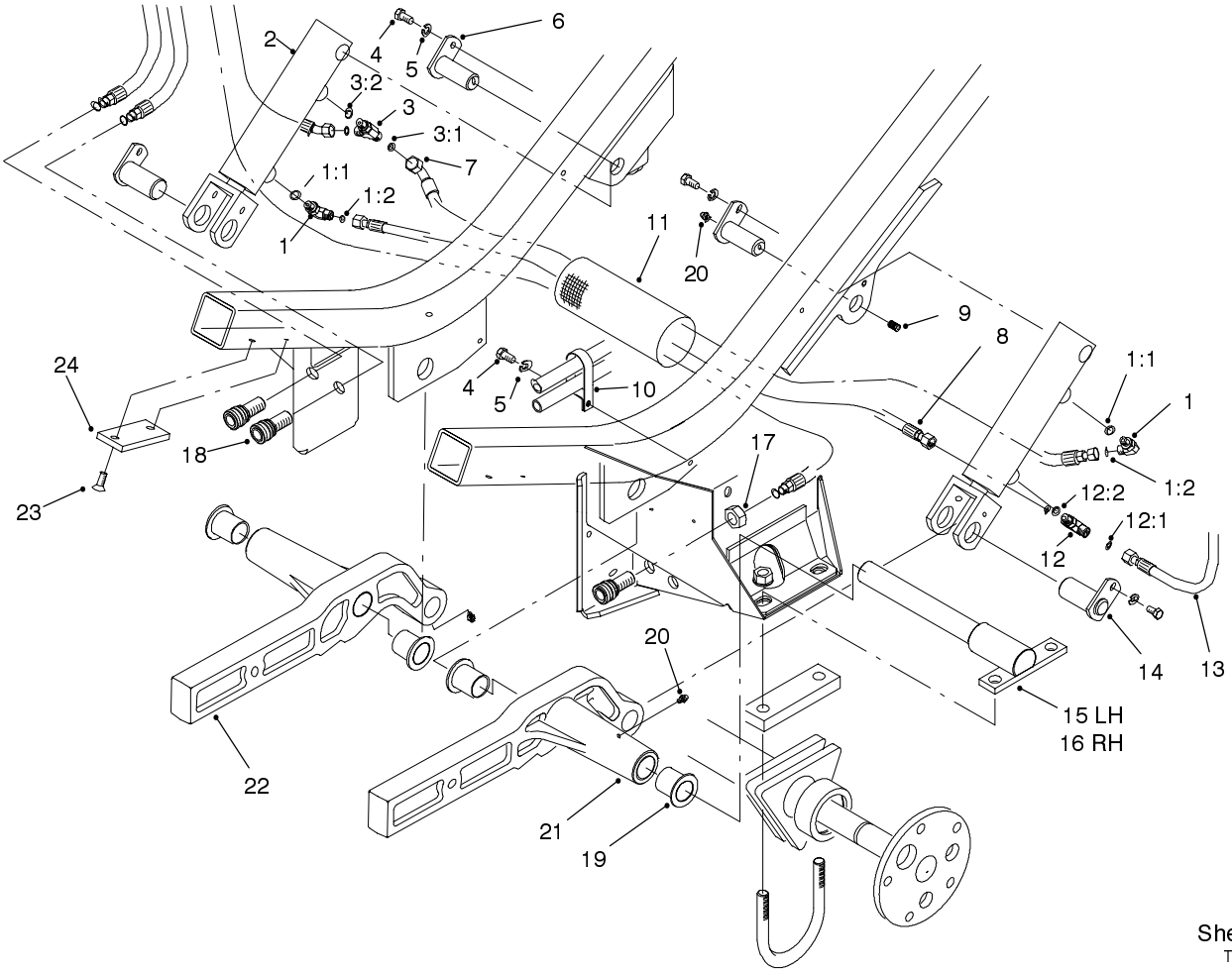
T-3633

Lift Valve Assembly No. 92-7762

Ref. No.	Part No.	Qty.	Description
1	58-6780	3	Plug
1:1	58-6790	1	O-Ring
2	60-6450	1	Disc
3	58-6760	3	Spring
4	58-6770	3	Plunger
6	353-508	3	Plug-O-Ring
6:1	237-42	1	O-Ring
11	58-6350	3	Plug
11:1	60-5720	1	Ring
11:2	58-6370	1	Washer
16	69-1830	1	Plug ASM
16:2	58-6750	1	O Ring
18	58-6470	1	Washer
19	58-6480	1	Washer
20	58-6490	1	Washer
21	92-2567	1	Spring
22	92-2568	1	Poppet
25	58-6400	3	Bushing
26	58-6700	3	Washer
27	58-6730	3	Spring
30	58-6420	3	Cap
31	84-6430	1	Plunger
32	92-7780	3	Plug ASM
32:1	60-5720	1	Ring
32:2	58-6370	1	Washer
33	92-7778	3	Spring

Ref. No.	Part No.	Qty.	Description
35	58-6330	3	Seat
35:1	58-6340	1	O-Ring
37	84-6420	2	Plunger
38	92-7779	3	Eyelet
39	60-3780	1	Seal Kit
39:1	58-6790	3	O-Ring
39:2	58-6720	3	O Ring
39:3	60-5720	6	Ring
39:4	58-6310	6	Spacer
39:5	58-6750	1	O Ring
39:6	58-6450	6	O-Ring
39:7	58-6460	3	Ring
39:8	58-6290	3	Poppet
39:9	58-6340	3	O-Ring
39:10	58-6320	3	Wiper

3325-371

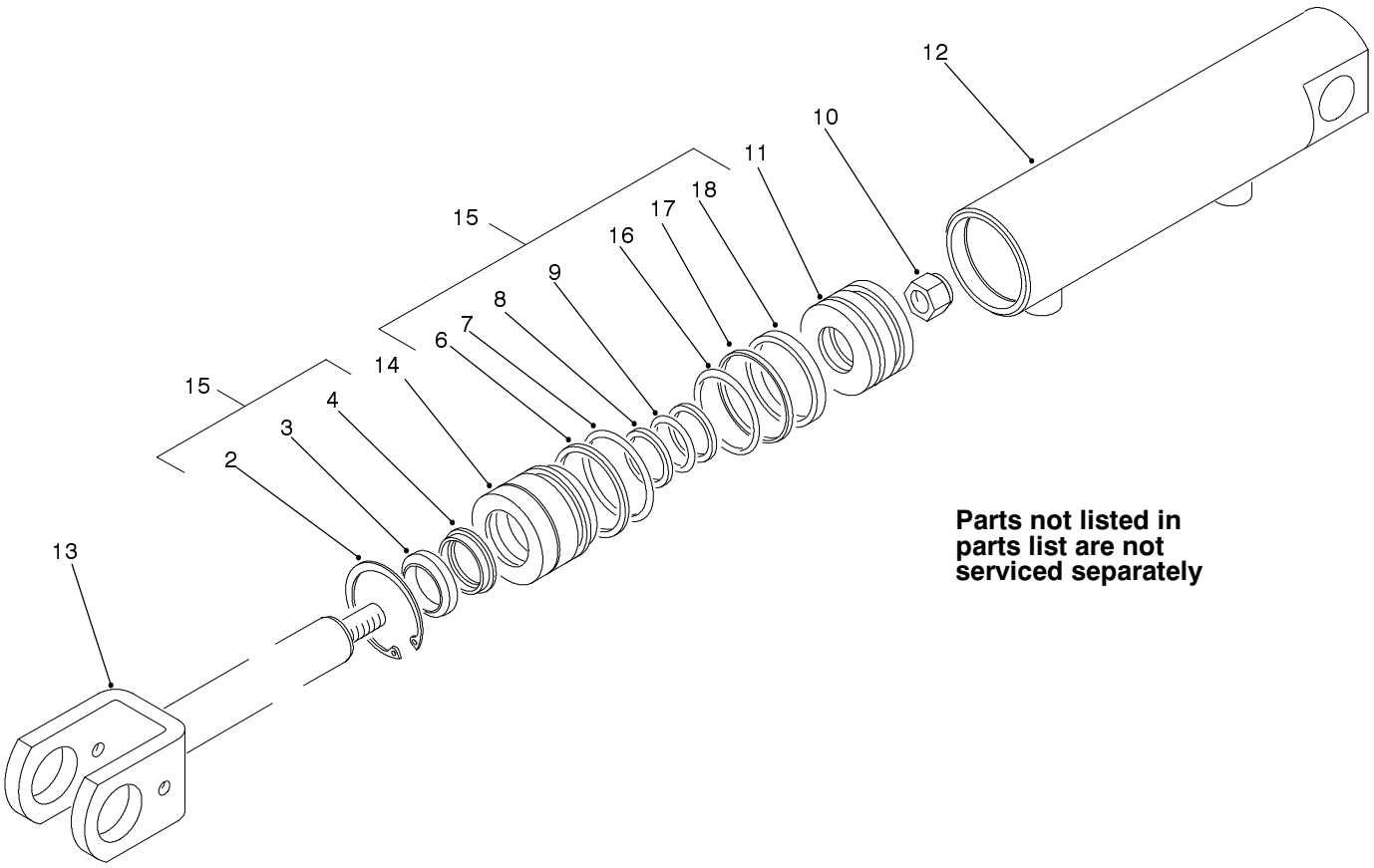


Sheet No.:13
T-3634

Cylinder and Lift Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	340-132	2	Fitting-Hyd, 90
1:1	237-78	1	O-Ring
1:2	237-21	1	O-Ring
2	86-5580	2	Hyd Cylinder ASM
3	340-140	1	Adapter Tee
3:1	237-21	2	O-Ring
3:2	237-78	1	O-Ring
4	322-2	5	Screw-HH
5	3253-4	5	Washer-Lock
6	84-1350	2	Pin-Pivot
7	86-3160	1	Hose ASM
8	86-3200	1	Hose ASM
9	3247-4	2	Screw-Set
10	2412-137	1	Clamp-Tube
11	70-1380	1	Sleeve-Protective
12	340-125	1	Adapter
12:1	237-21	2	O-Ring
12:2	237-78	1	O-Ring
13	86-3170	1	Hose ASM
14	88-1190	2	Pin-Pivot
15	86-2790-03	1	Pin-Pivot, LH
16	88-1200-03	1	Pivot-Pin, RH
17	3220-7	3	Nut-Jam
18	86-5450	3	Coupler
19	68-6480	4	Bushing - Flange
20	302-5	6	Fitting-Grease

Ref. No.	Part No.	Qty.	Description
21	84-0730-03	1	Arm-Lift, LH
22	86-5890-03	1	Arm-Lift, RH
23	32108-58	4	Screw-Pfh
24	69-9300	2	Pad-Bumper

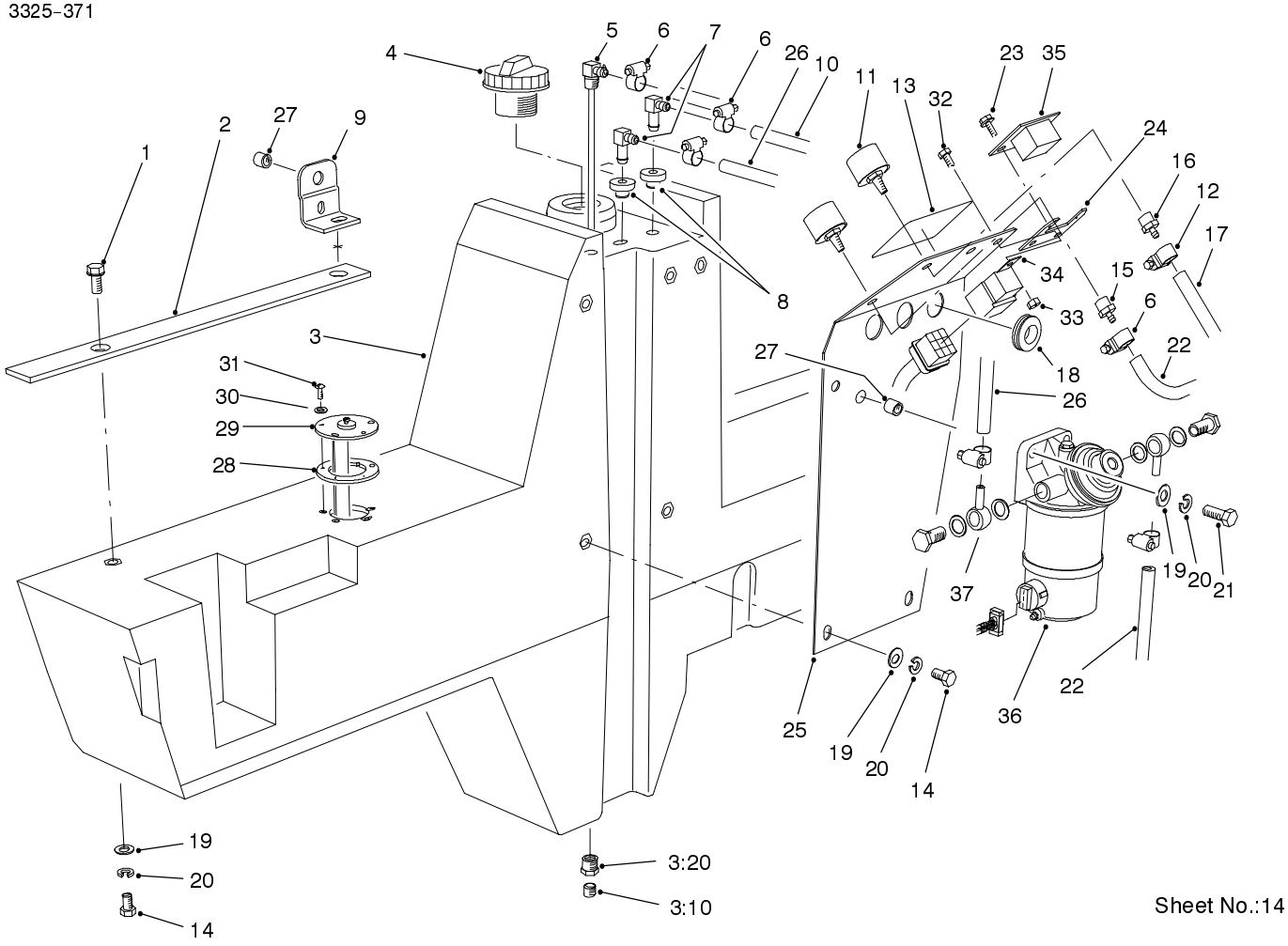


Sheet No.:A6
T-3635

Hydraulic Cylinder Assembly No. 86-5580

Ref. No.	Part No.	Qty.	Description
10	88-3590	1	Nut-Lock
11	88-3600	1	Piston
12	88-3610	1	Barrel ASM
13	88-3620	1	Rod ASM
14	88-3630	1	Head-Snap Ring
15	88-3640	1	Kit-Seal

Ref. No.	Part No.	Qty.	Description

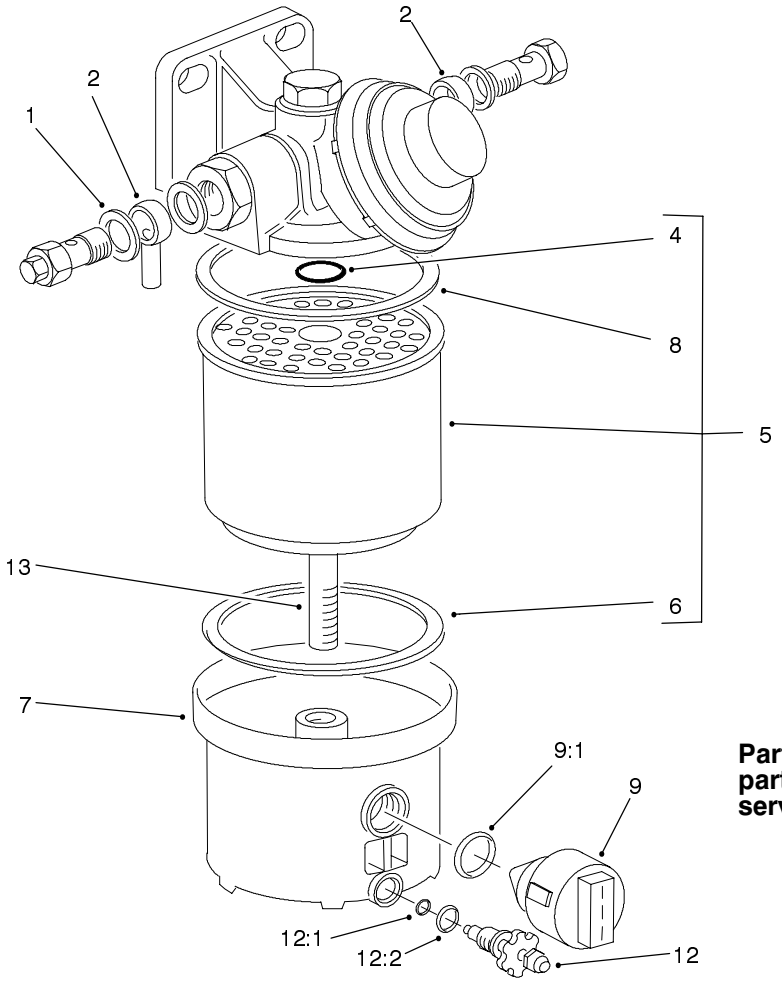


Sheet No.:14

Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description
1	3234-12	2	Screw-HHF
2	76-9790	1	Foam - Fuel Tank
3	74-5580	1	Tank-Fuel
3:10	285-22	1	Plug-Pipe
3:20	2812-1	1	Bushing-Pipe
4	93-3102	1	Cap-Fuel
5	76-6600	1	Pipe-Stand
6	2412-108	6	Clamp-Worm
7	46-6550	2	Fitting-Hyd, 90
8	46-6560	2	Bushing
9	82-3660	1	Bracket - Cover
10	63-7627	1	Hose-Fuel
11	68-6150	2	Breather-Air
12	2412-36	1	Clamp-Hose
13	76-8780	1	Decal - Caution, Fuel
14	323-4	7	Screw-HH
15	354-95	1	Hose-Female, Barb
16	354-94	1	Hose-Female, Barb
17	74-9122	1	Hose-Overflow, Radiator
18	240-6	3	Grommet-Rubber
19	3256-24	9	Washer-Flat
20	3253-21	9	Washer-Lock
21	323-7	2	Screw-HH
22	63-7622	2	Hose-Fuel
23	32144-18	2	Screw-HH

Ref. No.	Part No.	Qty.	Description
24	94-5614-03	1	Bracket - Hour Meter
25	76-6590-03	1	Plate - Fuel Tank
26	63-7626	1	Hose-Fuel
27	32148-9	3	Nut-Insert
28	62-7650	1	Gasket
29	74-5860	1	Sender-Fuel
30	3253-15	5	Washer-Lock/Sp
31	32122-24	5	Screw-Pth
32	321-3	2	Screw-HH
33	3296-42	2	Nut-Lock, Nl
34	70-1480	1	Relay
35	75-6820	1	Hourmeter
36	76-5300	1	Fuel Filter ASM
37	76-5190	2	Fitting-Adj



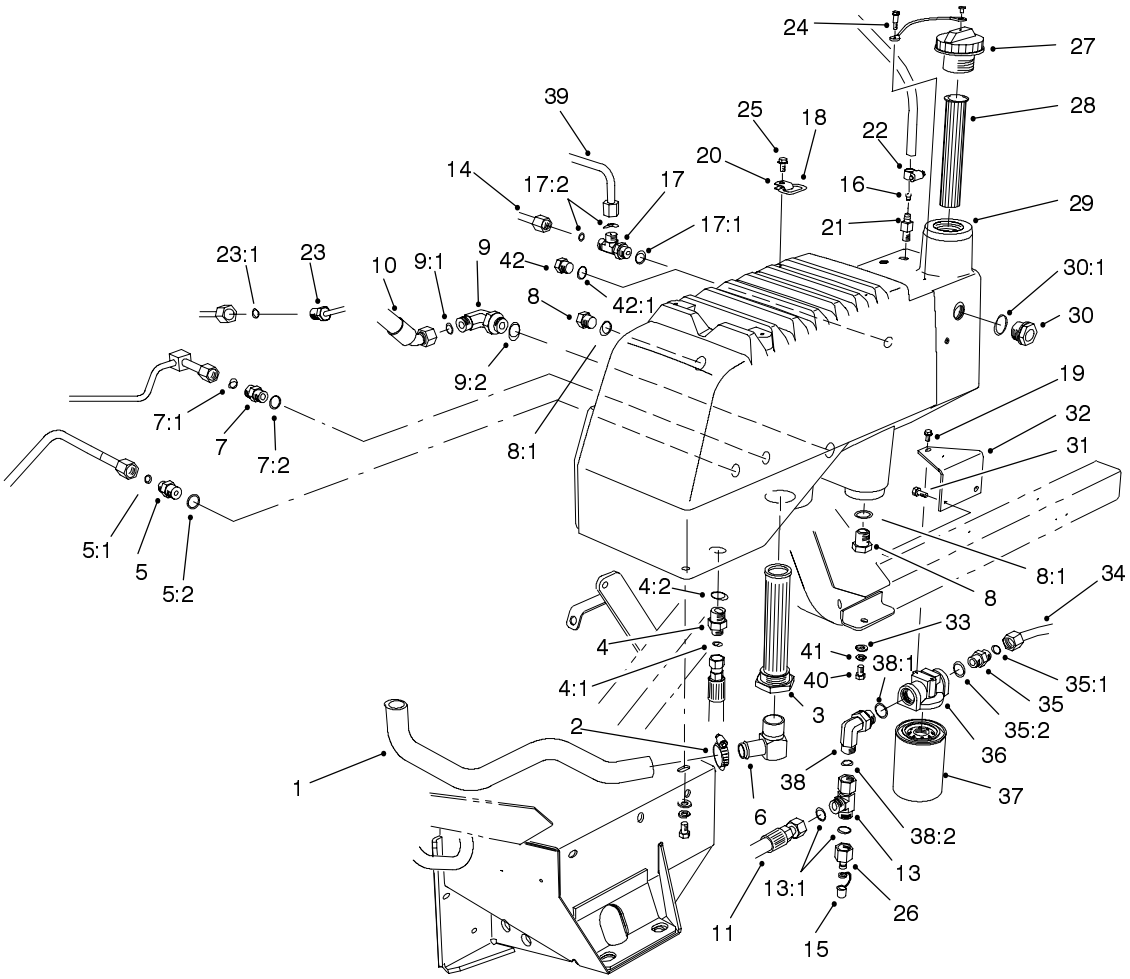
Parts not listed in parts list are not serviced separately

Sheet No.:B2
T-3486

Fuel Filter Assembly No. 76-5300

Ref. No.	Part No.	Qty.	Description
1	76-5180	4	Washer-Copper
2	76-5190	2	Fitting-Adj
5	76-5220	1	Element-Filter
9	76-5320	1	Probe-Water Sensor
9:1	94-8025	1	O-Ring
12	94-8026	1	Screw-Vent
12:1	94-8027	1	O-Ring
12:2	94-8028	1	O-Ring

Ref. No.	Part No.	Qty.	Description

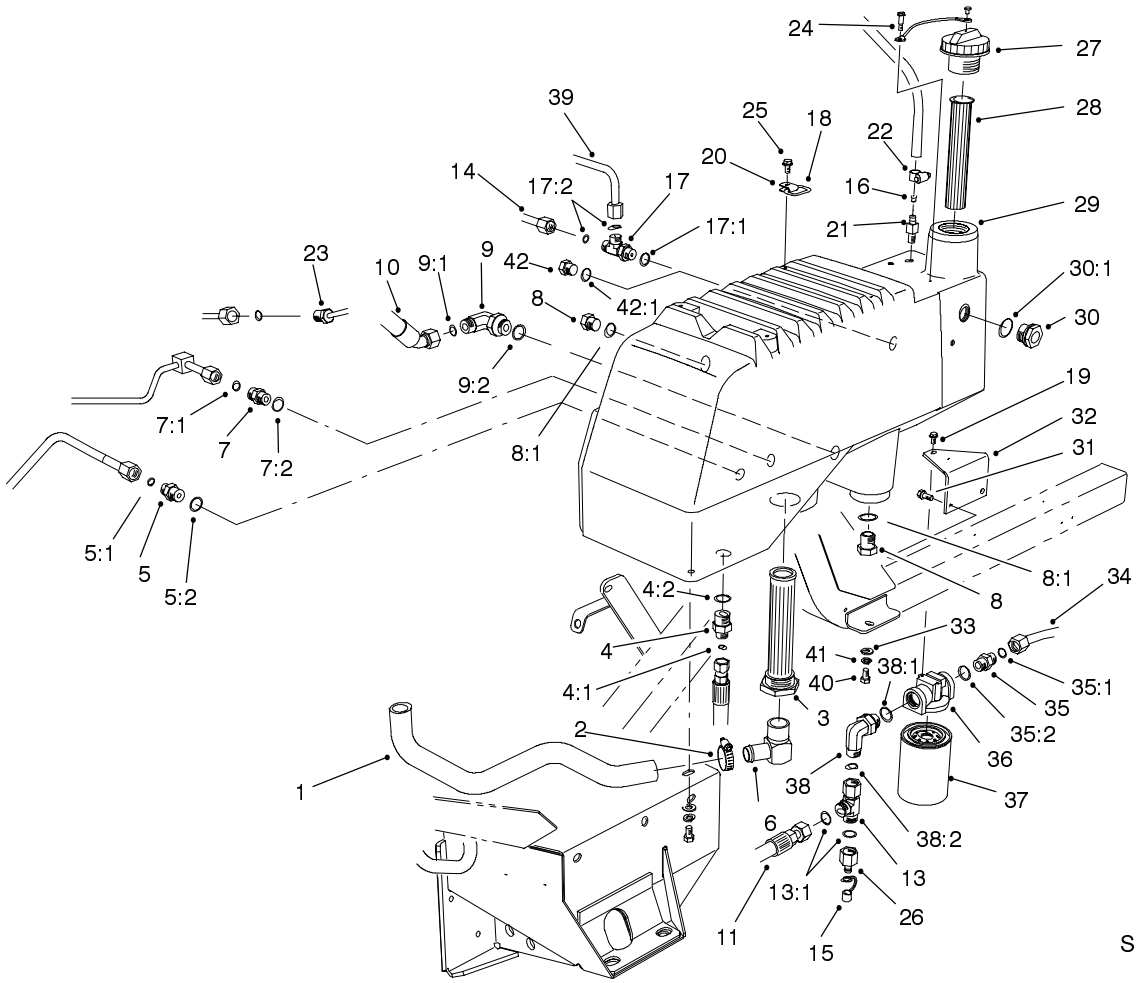


Sheet No.:15

Hydraulic Reservoir Assembly

Ref. No.	Part No.	Qty.	Description
1	86-2800	1	Hose-Suction
2	2412-34	1	Clamp-Hose
3	75-0550	1	Suction-Strainer
4	340-141	1	Fitting
4:1	237-22	1	O-Ring
4:2	237-80	1	O-Ring
5	340-6	1	Fitting-Hyd, Straight
5:1	237-30	1	O-Ring
5:2	237-80	1	O-Ring
6	354-87	1	Fitting-Hyd, 90
7	340-4	1	Adapter
7:1	237-30	1	O-Ring
7:2	237-79	1	O-Ring
8	353-551	2	Plug-HH
8:1	237-80	1	O-Ring
9	340-17	1	Adapter
9:1	237-65	1	O-Ring
9:2	237-80	1	O-Ring
10	86-3150	1	Hose ASM
11	86-5500	1	Hose ASM
13	340-147	1	Fitting-Hyd, Tee
13:1	237-65	3	O-Ring
14	74-6230	1	Tube ASM (only on: 30455)
15	353-947	1	Cap-Dust, Rubber
16	74-4080	1	Orifice

Ref. No.	Part No.	Qty.	Description
17	340-109	1	Fitting-Hyd (only on: 30455)
17:1	237-79	1	O-Ring (only on: 30455)
17:2	237-30	2	O-Ring (only on: 30455)
18	249-49	4	D-Ring
19	3234-13	2	Screw-HHF
20	76-9950	4	Bracket - Ring
21	354-103	1	Hose-Male, Barb
22	2412-36	1	Clamp-Hose
23	94-8298	1	Tube ASM - Oil Cooler
23:1	237-30	1	O-Ring
24	57-5420	1	Screw-Shoulder
25	32144-4	4	Screw-HH
26	86-5860	1	Nipple
27	93-7160	1	Cap-Oil, Hydraulic
28	61-2790	1	Filter-Screen
29	82-3700	1	Resevoir-Hyd
30	69-1170	1	Glass-Sight
30:1	237-81	1	O-Ring
31	32144-11	2	Screw-TAP
32	92-5840-03	1	Bracket-Filter Mounting

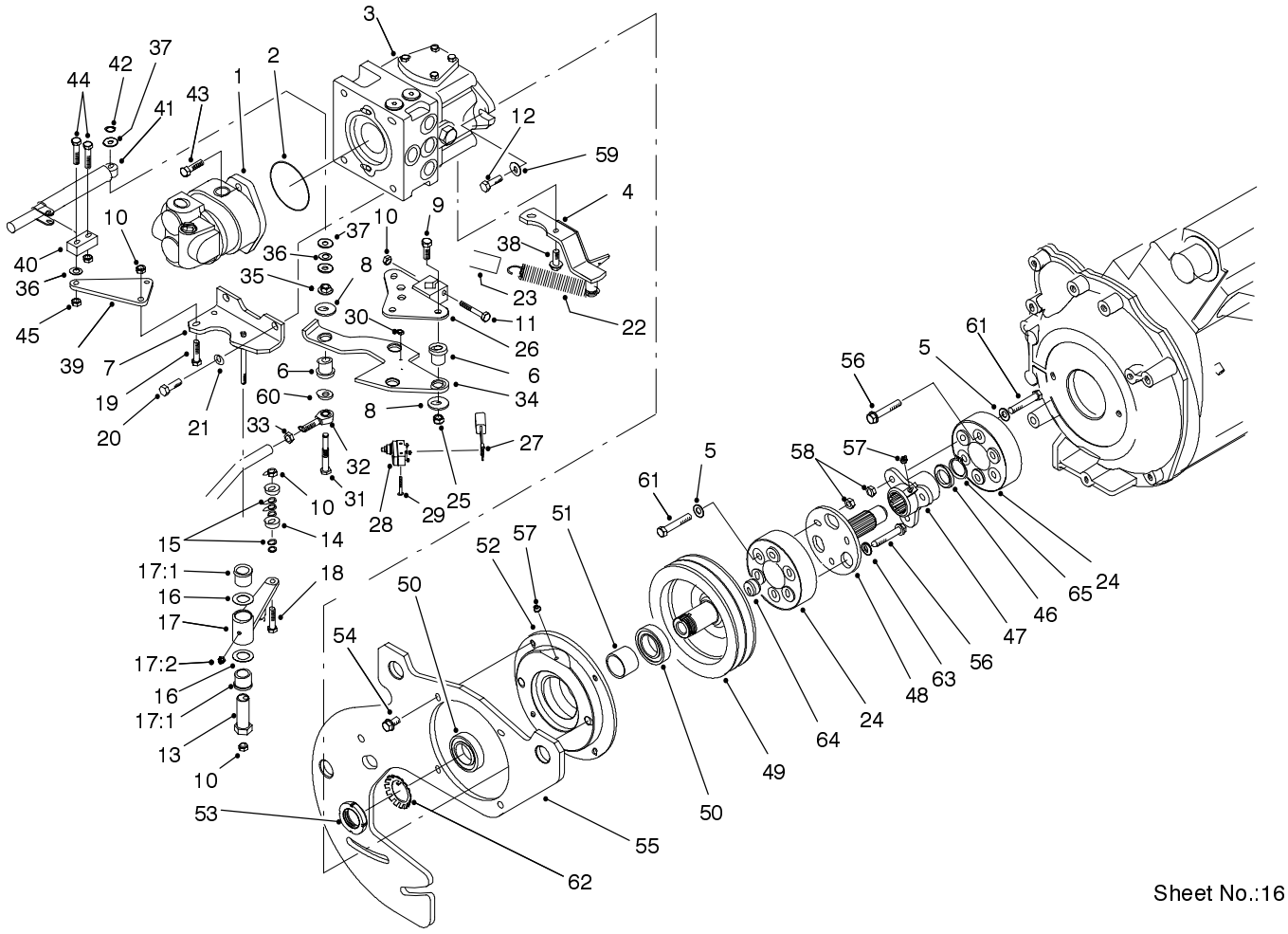


Sheet No.:15

Hydraulic Reservoir Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
33	240-11	3	Grommet-,Mount, Tank
34	74-6400	1	Tube ASM - Filter Line
35	340-8	1	Adapter
35:1	237-65	1	O-Ring
35:2	237-81	1	O-Ring
36	92-5821	1	Filter Head ASM
37	86-3010	1	Filter-Oil, Transmission
38	340-139	1	Fitting-Hyd,
38:1	237-81	1	O-Ring
38:2	237-65	1	O-Ring
39	86-5810	1	Tube ASM-Velocity (only on: 30455)
40	323-5	3	Screw-HH
41	63-8410	3	Washer
42	353-550	1	Plug-Hydraulic (only on: 30450)
42:1	237-79	1	O-Ring (only on: 30450)

Ref. No.	Part No.	Qty.	Description

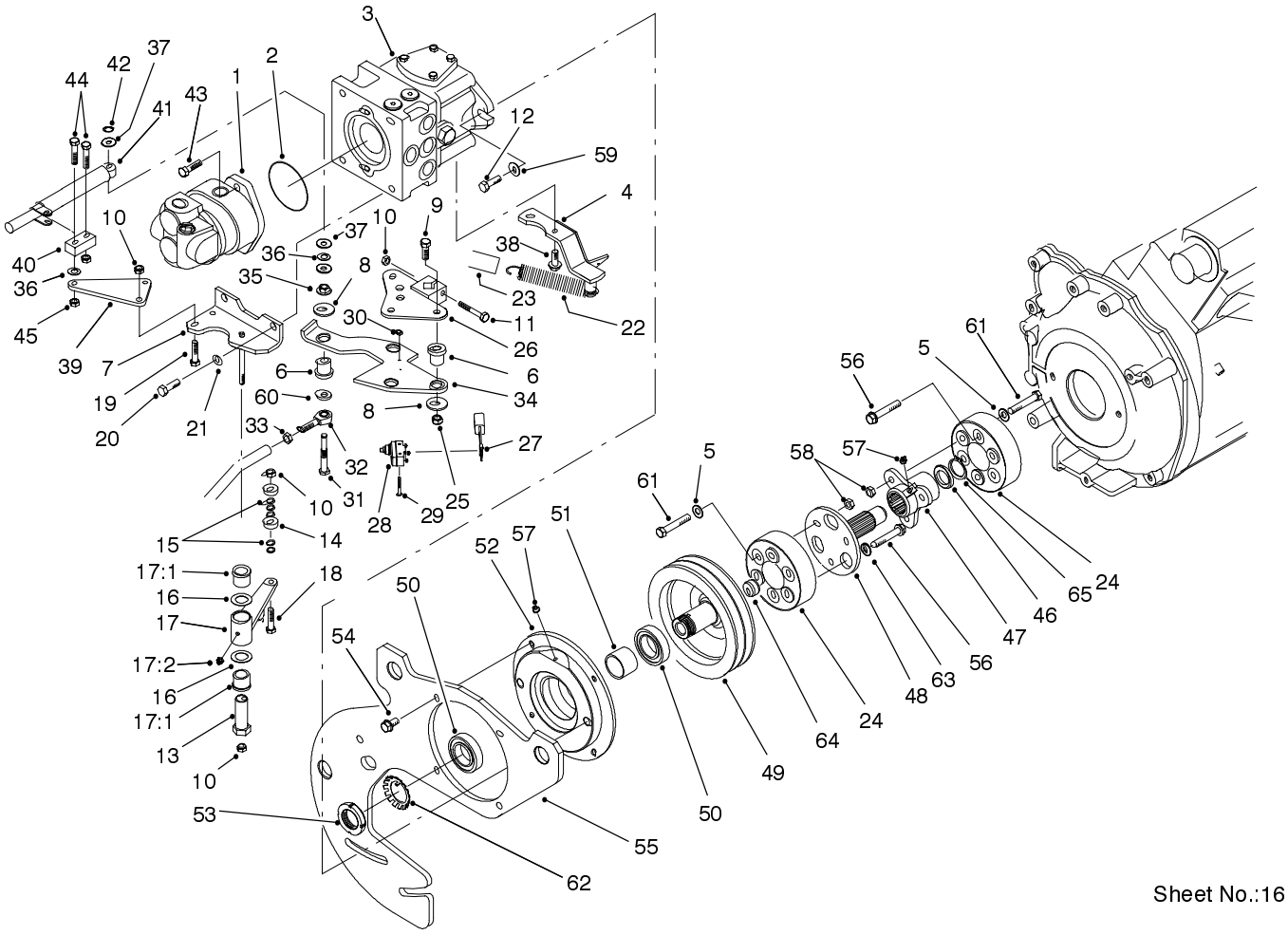


Sheet No.:16

Hydraulic Pump Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	94-8297	1	Pump-Gear
2	237-161	1	O-Ring
3	86-5590	1	Pump ASM
4	84-1380-03	1	Anchor-Spring
5	3256-24	6	Washer-Flat
6	63-9751	4	Mount
7	95-4352-03	1	Bracket-Neutral
8	63-8410	4	Washer
9	3296-59	3	Nut-Lock, NI
10	3296-29	5	Nut-Lock
11	322-10	1	Screw-HH
12	3213-2	2	Screw-HH
13	76-8640	1	Stud - Traction
14	251-307	2	Bearing-Ball
15	75-5470	5	Spacer-Bearing
16	3-6498	2	Washer-Thrust
17	92-2581	1	Neutral Switch Arm ASM
17:1	256-113	2	Bushing-Flange
17:2	302-5	1	Fitting-Grease
18	322-7	1	Screw-HH
19	322-5	2	Screw-HH
20	324-4	2	Screw-HH
21	3253-6	2	Washer-Lock/Sp
22	76-9430-03	1	Spring-Extention
23	84-1480	1	Hose-Dampener

Ref. No.	Part No.	Qty.	Description
24	86-3040	2	Coupler-Drive Line
25	323-29	3	Screw-HH
26	82-5180-03	1	Control-Pump
27	86-3020	1	Wire-Neutral Switch
28	29-6163	1	Switch-Micro
29	3249-11	2	Screw
30	3296-9	2	Nut-Lock NI
31	82-5280	1	Shaft - Pivot
32	2411-36	1	Bearing-End, Rod
33	3220-3	1	Nut-Jam
34	88-1470-03	1	Plate-Control, Pump
35	3290-357	1	Nut-Flange, Lock
36	3290-477	2	Washer-Curved
37	3256-71	3	Washer-Flat
38	32144-26	2	Screw-Flow
39	95-4351-03	1	Plate - Pivot
40	76-9760	1	Damper-Pivot
41	76-8870	1	Damper ASM-Lever
42	32151-73	1	Ring-Clip
43	323-7	2	Screw-HH
44	322-6	2	Screw-HH
45	3296-47	2	Nut-Lock, NI
46	253-43	1	Seal-Oil
47	84-1330-03	1	Hub-Splined
48	84-1030-03	1	Shaft-Drive
49	84-0170-03	1	Pulley-PTO

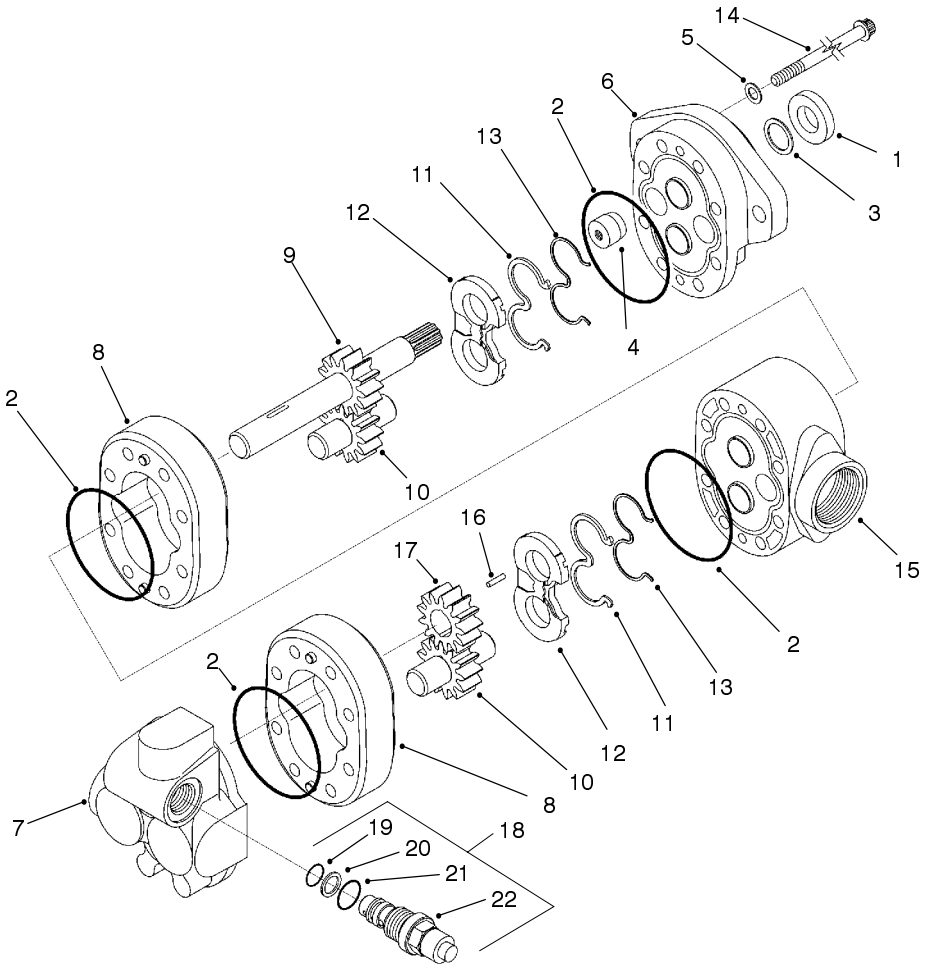


Sheet No.:16

Hydraulic Pump Installation Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
50	251-314	2	Ball Bearing
51	86-5940	1	Spacer-Bearing, Upper
52	84-0750-03	1	Housing-Bearing, PTO
53	88-1430	1	Locknut-Bearing
54	3234-1	4	Screw-HHF
55	86-2830-03	1	Plate-Adapter, Main
56	100-2592	6	Screw-Hfh
57	302-5	2	Fitting-Grease
58	3296-39	6	Nut-Lock, Nl
59	3256-26	2	Washer-Flat
60	3256-3	1	Washer-Flat
61	323-45	6	Screw-HH
62	88-1440	1	Washer-Lock
63	80-7730	3	Spacer
64	92-1351	1	Plug-Pulley
65	32120-74	1	Snap-Ring

Ref. No.	Part No.	Qty.	Description



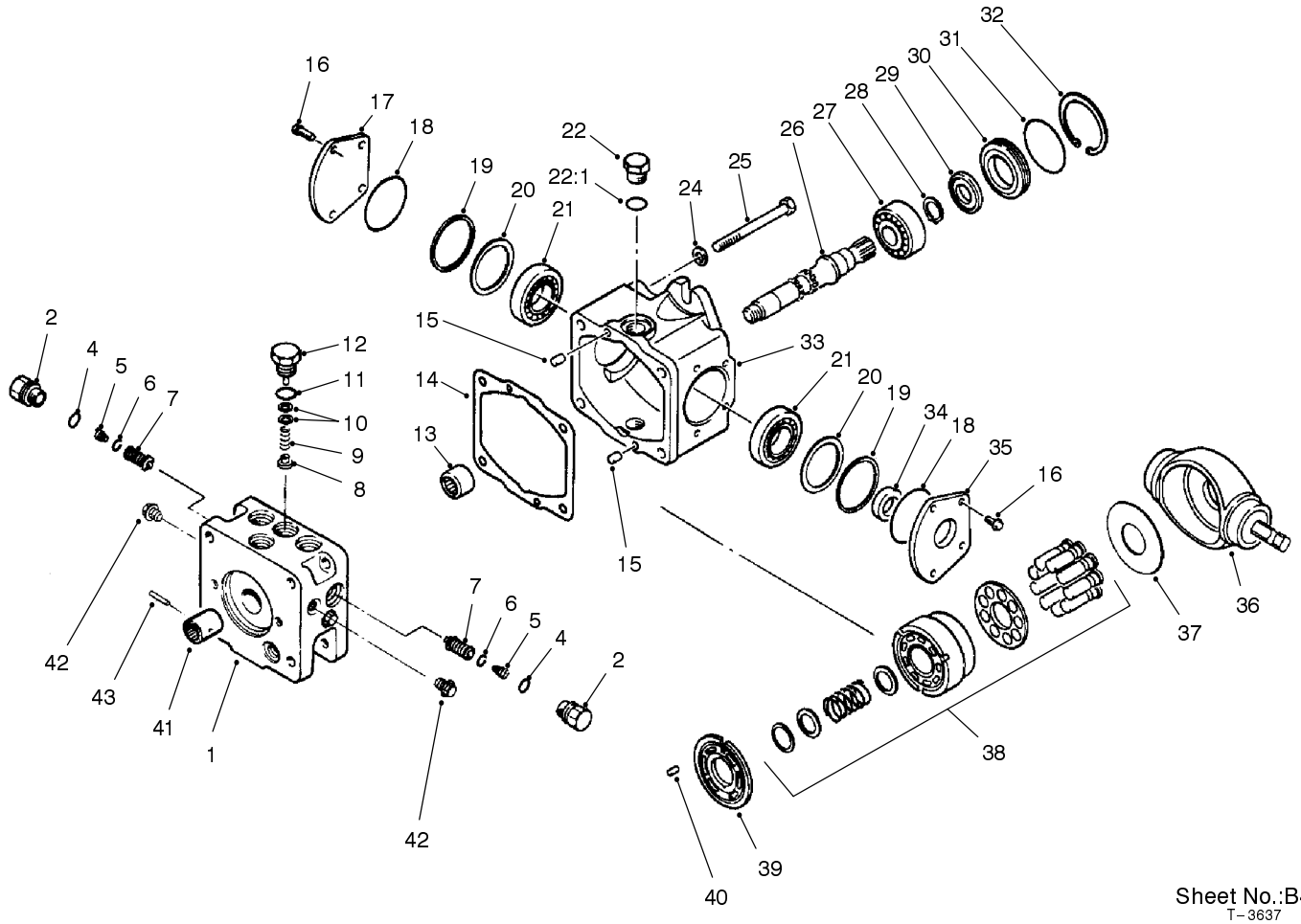
Parts not listed in parts list are not serviced separately

Sheet No.:B3
T-3636

Gear Pump Assembly No. 94-8297

Ref. No.	Part No.	Qty.	Description
1	49-2640	1	Seal-Shaft
2	56-6710	4	O-Ring - Motor, Gear
3	60-5890	1	Washer
4	94-3011	1	Plug
5	94-8160	4	Washer
6	95-4362	1	Plate-Front
7	95-4363	1	Backplate
8	95-4364	2	Body
9	95-4365	1	Gear-Drive
10	95-4366	2	Gear-Idler
11	95-4367	2	Gasket-Back-Up
12	95-4368	2	Plate-Wear
13	95-4369	2	Seal
14	95-4370	8	Screw - Cap
15	95-4371	1	Plate - Adaptor
16	95-4372	1	Key
17	95-4373	1	Gear-Fit, Slip
18	95-4374	1	Valve - Relief

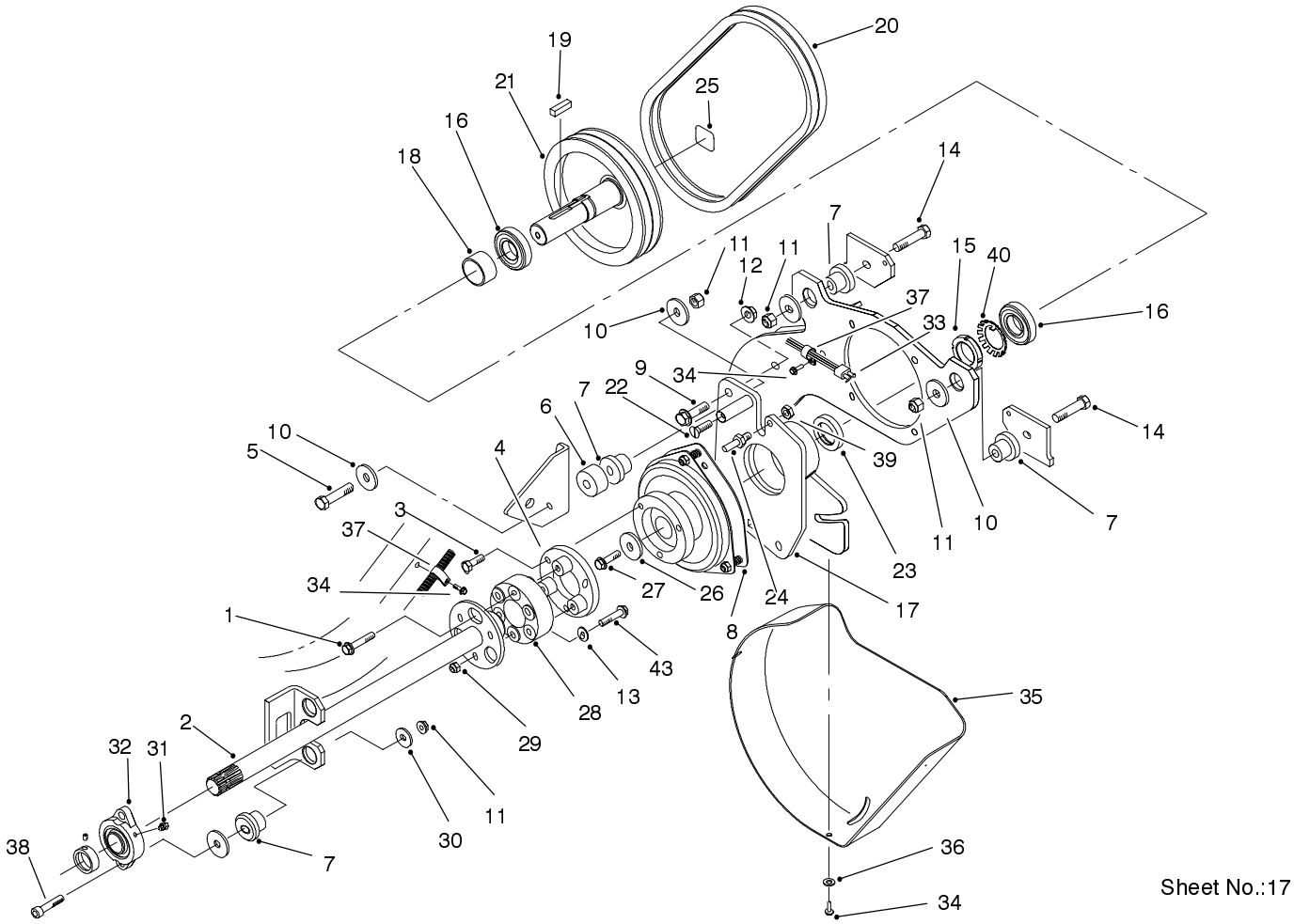
Ref. No.	Part No.	Qty.	Description



Traction Pump Assembly No. 86-5590

Ref. No.	Part No.	Qty.	Description
1	92-1354	1	Cap-End
2	92-1355	2	Plug - Special
4	75-0240	2	O-Ring
5	75-0140	2	Spring-Conical
6	84-0550	2	Ring - Retaining
7	92-1356	2	Valve-Screw
8	84-0480	1	Poppet-Relief, Charg
9	84-0490	1	Spring - Compression
10	92-1353	1	Kit-Shim
11	28-3570	1	O-Ring
12	84-0500	1	Plug ASM - Charge Relief
13	75-0500	1	Bearing-Needle
14	84-0210	1	Gasket - End Cap
15	75-0480	2	Pin
16	84-0460	8	Screw - Thread Rolling
17	84-0440	2	Cover - Trunnion
18	84-0430	4	O-Ring
19	84-0270	4	Spacer - Trunnion
20	84-0570	4	Shim-Trunnion,Com osite
21	84-0260	4	Bearing - Taper Roller
22	353-551	3	Plug-HH
22:1	237-80	1	O-Ring
24	84-0360	8	Washer

Ref. No.	Part No.	Qty.	Description
25	84-0330	8	Screw - HH
26	84-0300	1	Shaft - Pump
27	84-0310	1	Bearing - Ball
28	84-0320	1	Ring - Retaining
29	84-0400	1	Seal - Lip
30	84-0410	1	Carrier - Seal
31	28-3520	1	O-Ring
32	84-0380	2	Ring-Retaining, Internal
33	84-0240	1	Housing - Pump
34	84-0470	2	Seal - Lip
35	84-0450	1	Cover - Trunnion
36	84-0250	1	Swashplate - Variable
37	75-0400	1	Plate-Thrust
38	75-0470	1	Kit-Block, Cylinder
39	84-0280	1	Plate - Valve, RH
40	75-0510	1	Pin
41	92-1358	1	Coupling - 9 Tooth
42	92-1352	3	Plug
43	92-1357	1	Pin

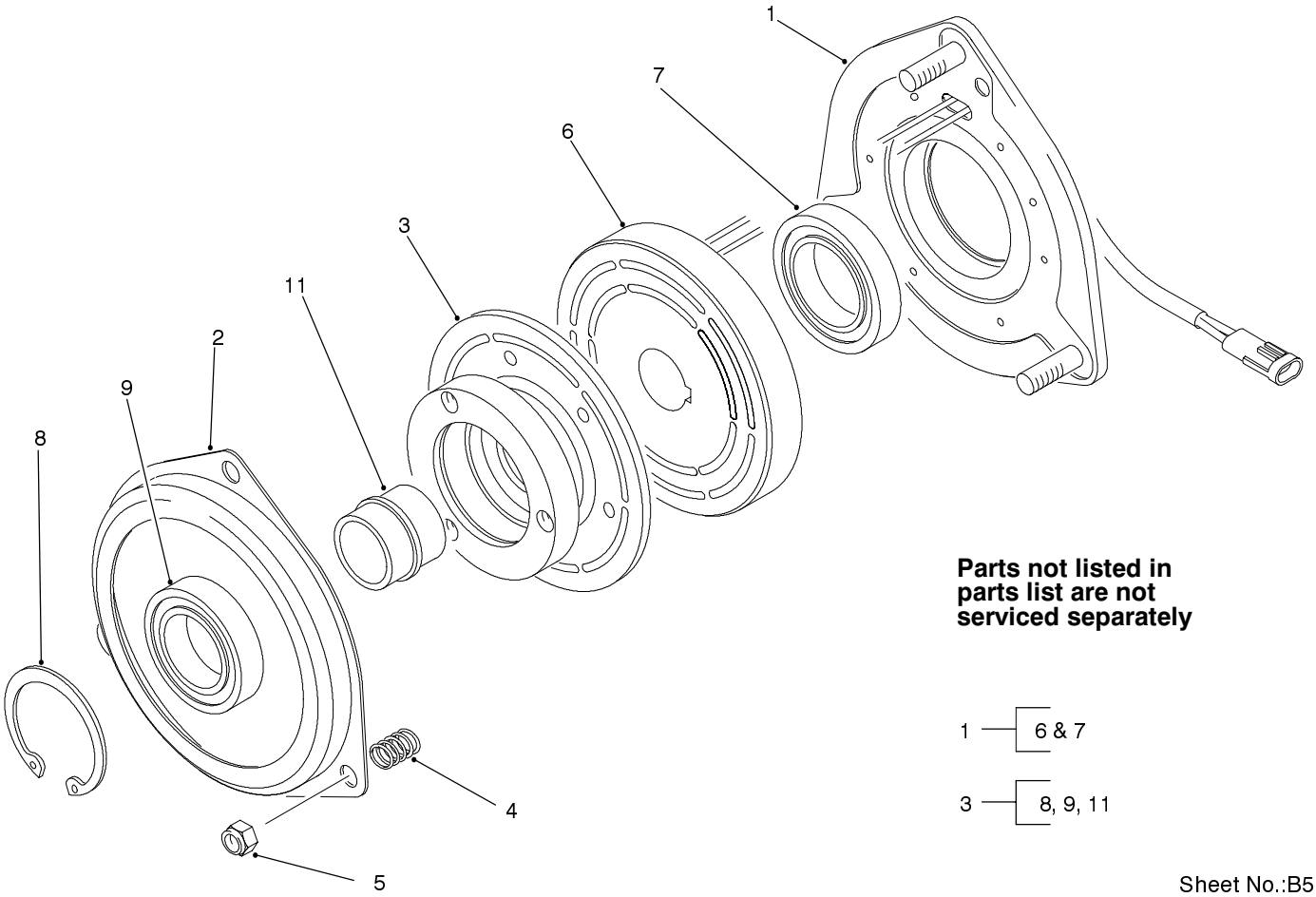


Sheet No.:17

Deck Drive Components Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2592	3	Screw-Hfh
2	84-1320-03	1	Shaft-PTO
3	33115-030	3	Screw-HH
4	104-2350-03	1	Adapter-Clutch
5	325-14	1	Screw-HH
6	84-1570	1	Spacer-Plate
7	84-1550	5	Mount-Rubber
8	98-7250	1	Clutch-PTO
9	3234-22	3	Screw-HHF
10	84-1560	4	Washer-Thrust
11	3296-25	5	Nut-Lock NI
12	32128-49	3	Nut-HHF
13	3256-24	3	Washer-Flat
14	325-9	2	Screw-HH
15	88-1450	1	Locknut-Bearing
16	251-310	2	Bearing-Ball
17	92-5818-03	1	Housing
18	88-1140	1	Spacer-Bearing, Lower
19	84-1540	1	Key-Clutch
20	88-1170	1	V-Belt (Matched Set)
21	84-0180-03	1	Pulley - Lower
22	88-1510	1	Screw-Special
23	100-2599	1	Spacer-Clutch
24	92-5817	1	Pin - Clutch Stop
25	88-8950	1	Decal-Warning

Ref. No.	Part No.	Qty.	Description
26	84-1580	1	Washer-Clutch
27	3234-19	1	Screw-Hfh
28	86-3040	1	Coupler-Drive Line
29	3296-39	3	Nut-Lock, NI
30	86-1990	4	Washer
31	302-60	1	Fitting-Lube
32	86-5620	1	Bearing-Ball, 2 Bolt Flange
33	104-7414	1	Wire Harness-Main
34	32144-11	5	Screw-TAP
35	88-1280	1	Cover-Belt, Lower
36	3256-70	3	Washer-Flat
37	2412-109	2	Clip - J
38	3274-71	2	Screw-HSH
39	3296-47	1	Nut-Lock, NI
40	88-1460	1	Washer-Lock
43	323-45	3	Screw-HH

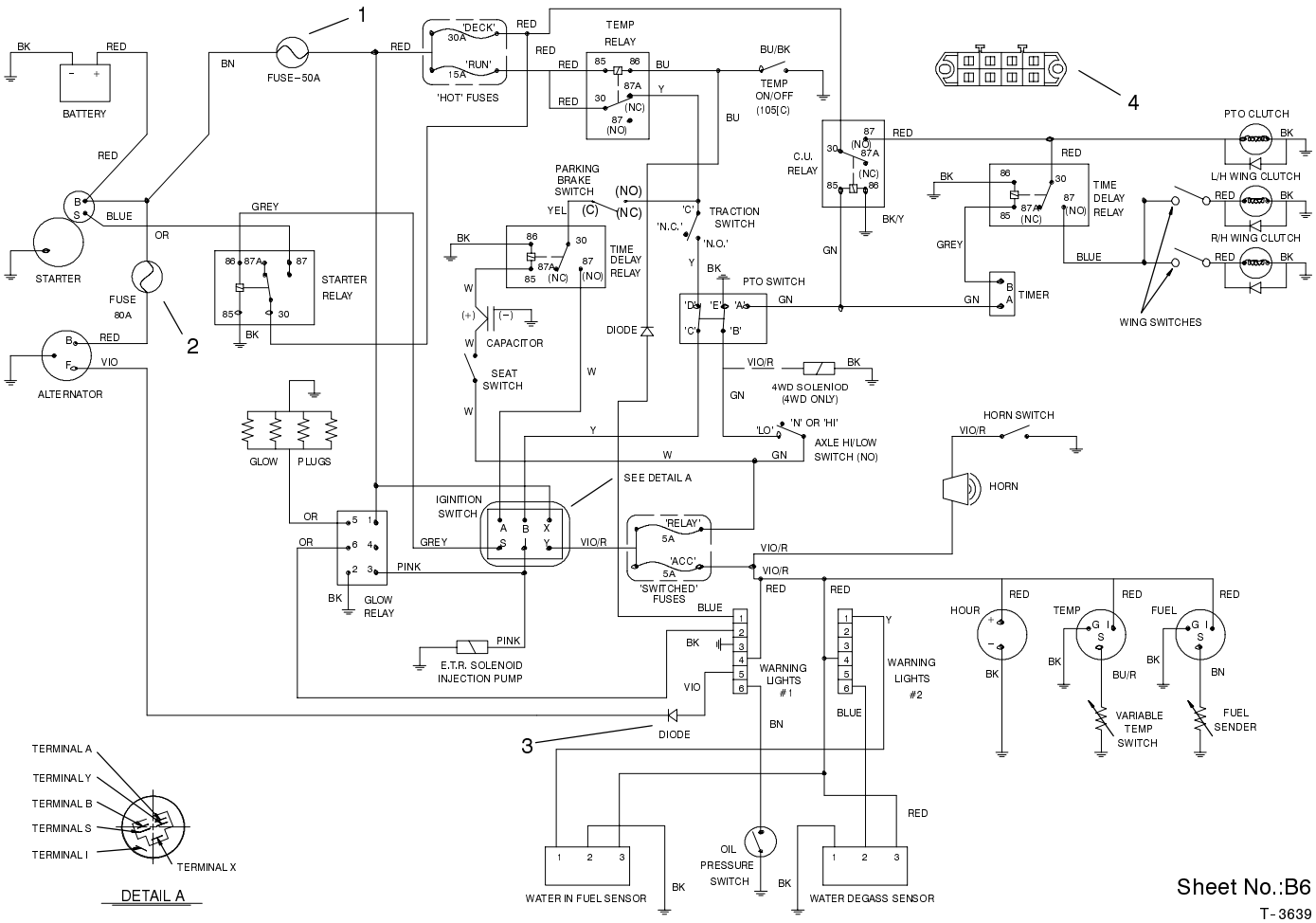


Sheet No.:B5
T-3638

Clutch Assembly No. 98-7250

Ref. No.	Part No.	Qty.	Description
1	88-1610	1	Field & Rotor ASM
2	88-1370	1	Plate-Brake
3	98-7253	1	Armature ASM
4	44-8320	3	Spring
5	3296-6	3	Nut-Lock, Nl

Ref. No.	Part No.	Qty.	Description



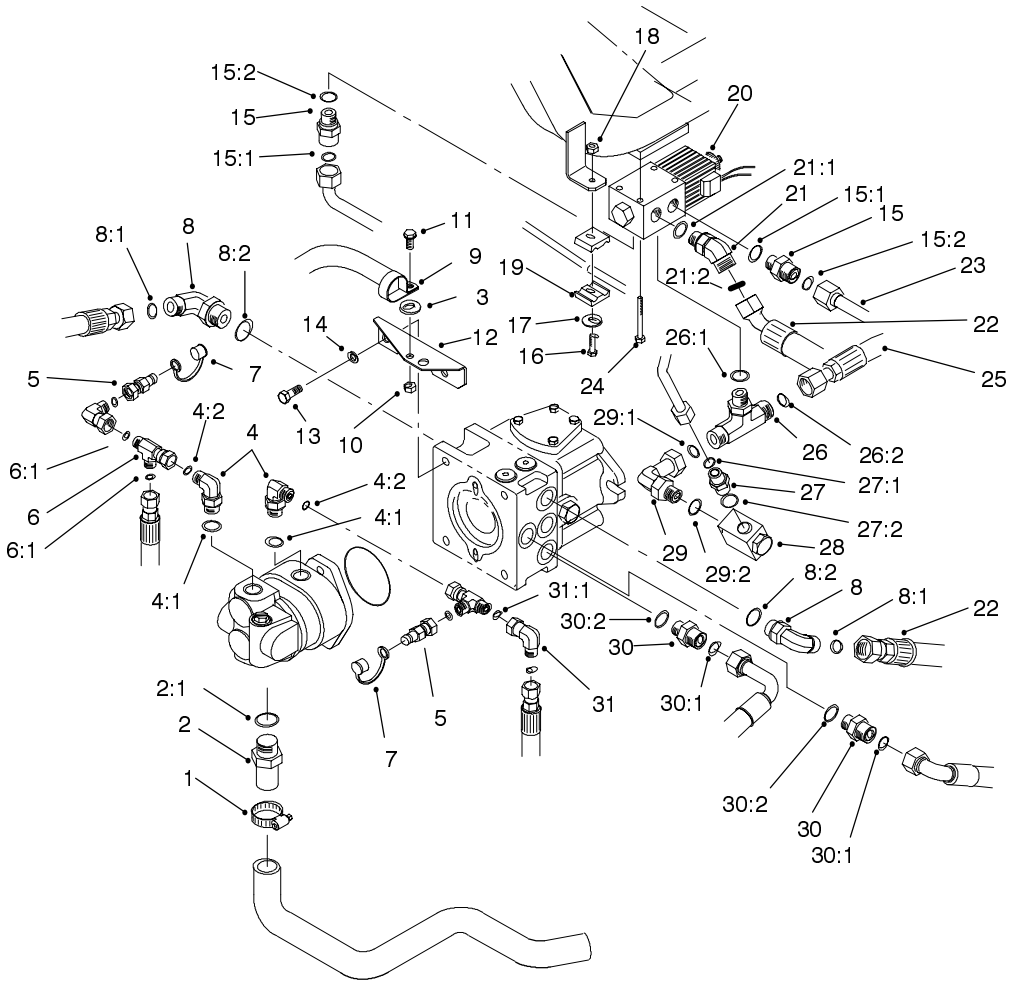
Sheet No.:B6

T-3639

Electrical Schematic Assembly No. 104-7414

Ref. No.	Part No.	Qty.	Description
1	94-8002	1	Fuse - Blade
2	94-8001	1	Fuse - 80 Amp
3	86-7470	2	Diode ASM
4	67-7160	1	Holder-Fuse

Ref. No.	Part No.	Qty.	Description

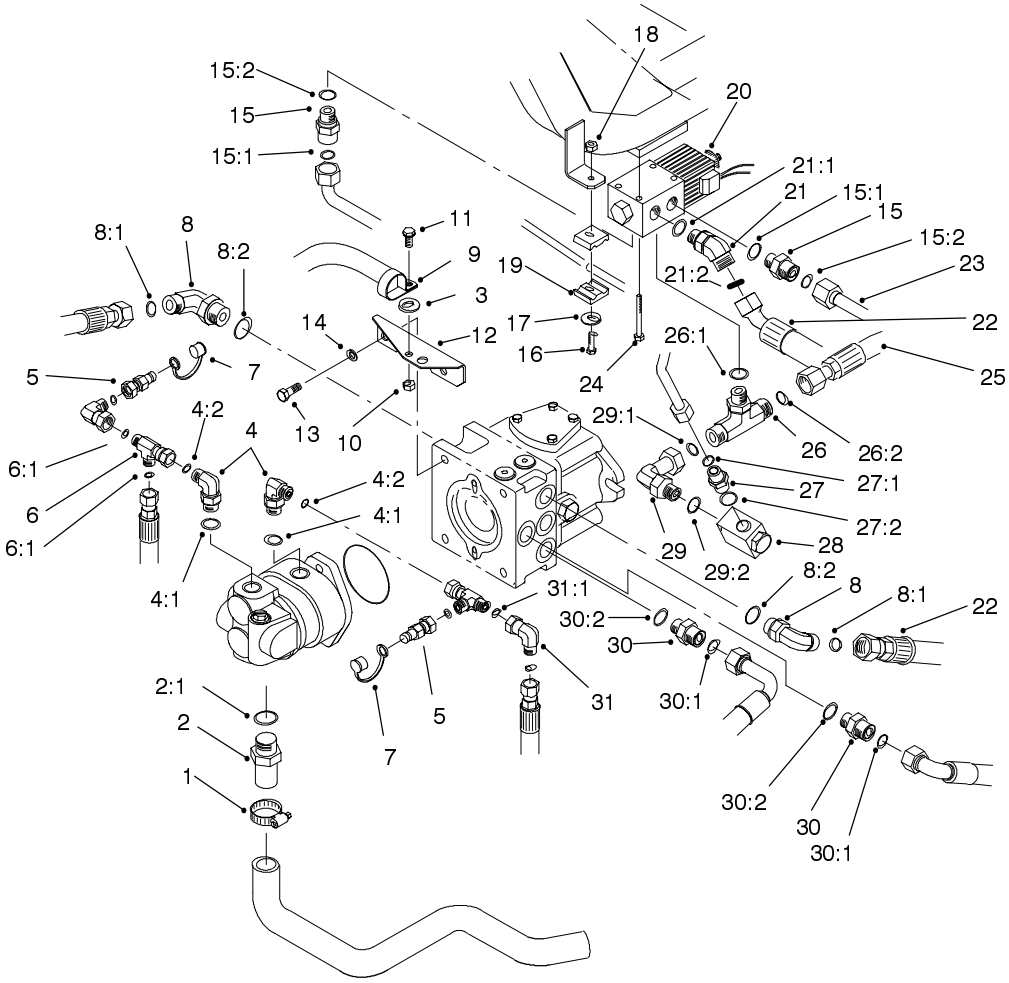


Sheet No.:18

Hydraulic Pump Fittings Assembly

Ref. No.	Part No.	Qty.	Description
1	2412-34	1	Clamp-Hose
2	95-4356	1	Fitting
2:1	237-71	1	O-Ring
3	80-7730	1	Spacer
4	340-18	2	Fitting-Hyd, 90
4:1	237-79	1	O-Ring
4:2	237-22	1	O-Ring
5	86-5480	2	Nipple-Test
6	340-115	2	Fitting-Tee
6:1	237-22	2	O-Ring
7	354-79	2	Cap - Fitting, Yellow
8	340-17	2	Adapter
8:1	237-65	1	O-Ring
8:2	237-80	1	O-Ring
9	2412-104	1	R Clamp
10	32128-20	1	Nut-HF
11	322-5	1	Screw-HH
12	88-1290-03	1	Bracket-Seat Rod
13	324-4	2	Screw-HH
14	3253-6	2	Washer-Lock/Sp
15	340-155	2	Fitting-Hydraulic (only on: 30455)
15:1	237-79	1	O-Ring (only on: 30455)
15:2	237-151	1	O-Ring (only on: 30455)

Ref. No.	Part No.	Qty.	Description
16	322-6	1	Screw-HH
17	3256-71	1	Washer-Flat
18	3296-47	1	Nut-Lock, NI
19	56-7973	2	Clamp-Tube
20	76-9970	1	Valve - 4wd (only on: 30455)
21	340-55	1	Fitting-Hyd, 45° (only on: 30455)
21:1	237-79	1	O-Ring (only on: 30455)
21:2	237-65	1	O-Ring (only on: 30455)
22	92-5828	1	Hose ASM (only on: 30455)
23	86-2770	1	Tube-ASM, 4wd (only on: 30455)
24	321-15	2	Screw-HH (only on: 30455)
25	86-2710	1	Hose ASM (only on: 30455)
26	340-157	1	Fitting-Hyd (only on: 30455)
26:1	237-79	1	O-Ring (only on: 30455)
26:2	237-30	2	O-Ring (only on: 30455)

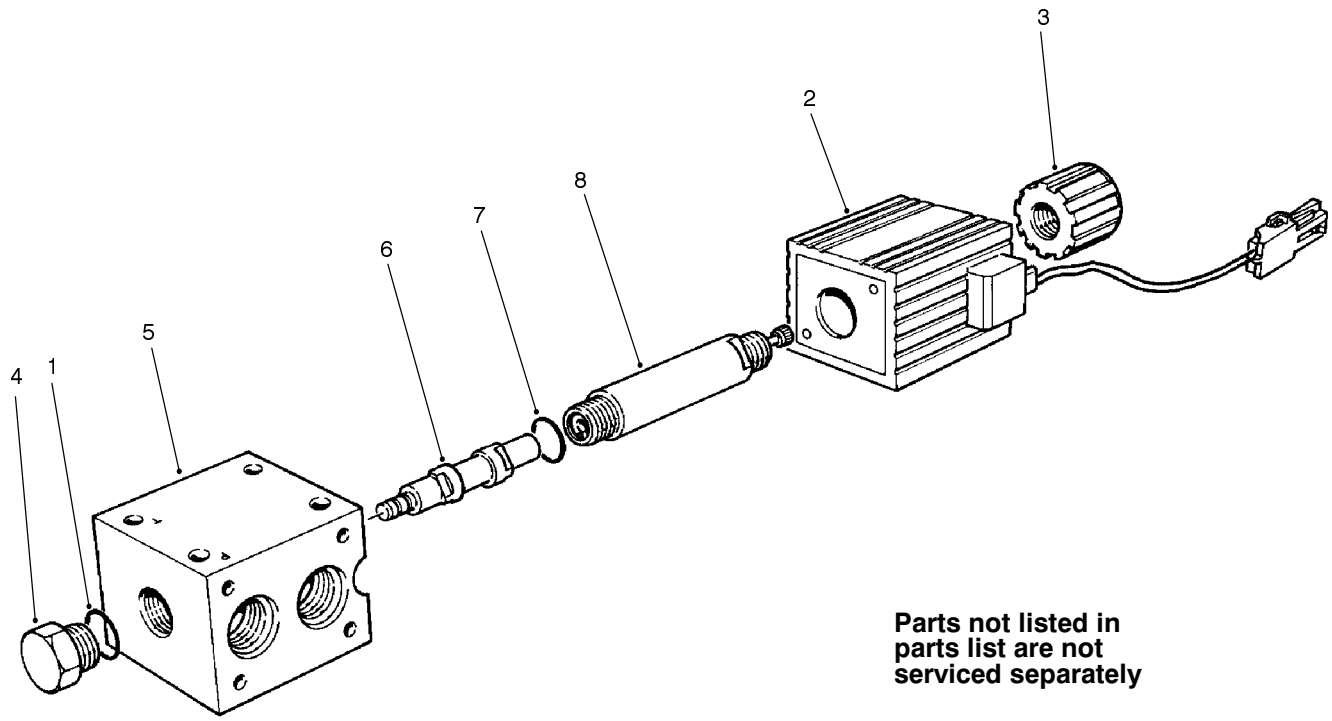


Sheet No.:18

Hydraulic Pump Fittings Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
27	340-4	1	Adapter (only on: 30455)
27:1	237-30	1	O-Ring (only on: 30455)
27:2	237-79	1	O-Ring (only on: 30455)
28	84-0720	1	Valve-Velocity Fuse (only on: 30455)
29	340-165	1	Fitting-Hyd, Elbow (only on: 30455)
29:1	237-30	1	O-Ring (only on: 30455)
29:2	237-79	1	O-Ring (only on: 30455)
30	340-7	2	Adapter
30:1	237-65	1	O-Ring
30:2	237-80	1	O-Ring
31	340-159	2	Fitting-Hyd, 90
31:1	237-22	2	O-Ring

Ref. No.	Part No.	Qty.	Description



Parts not listed in parts list are not serviced separately

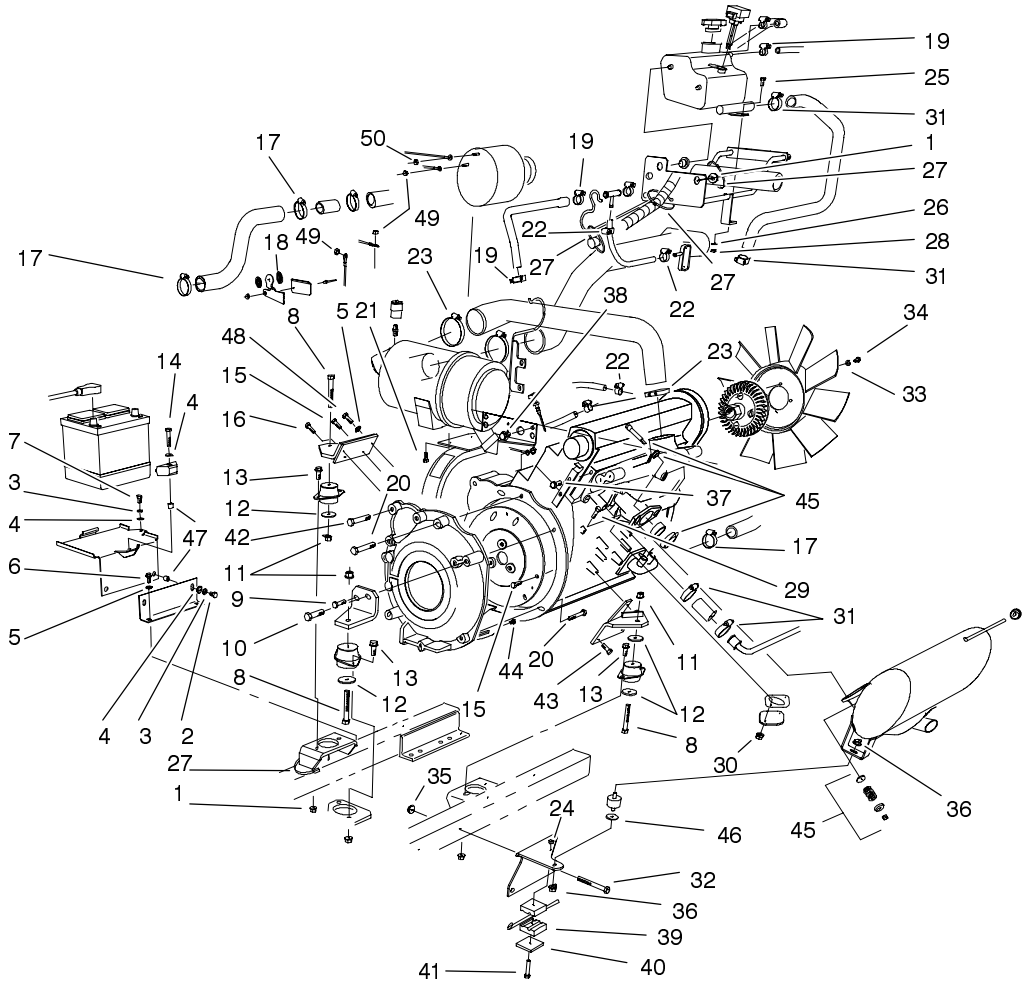
Sheet No.:B8

T-3640

Solenoid Valve Assembly No. 76-9970

Ref. No.	Part No.	Qty.	Description
1	237-80	2	O-Ring (only on: 30455)
2	218-591	1	Coil ASM (only on: 30455)
3	218-592	1	Nut-Coil (only on: 30455)

Ref. No.	Part No.	Qty.	Description



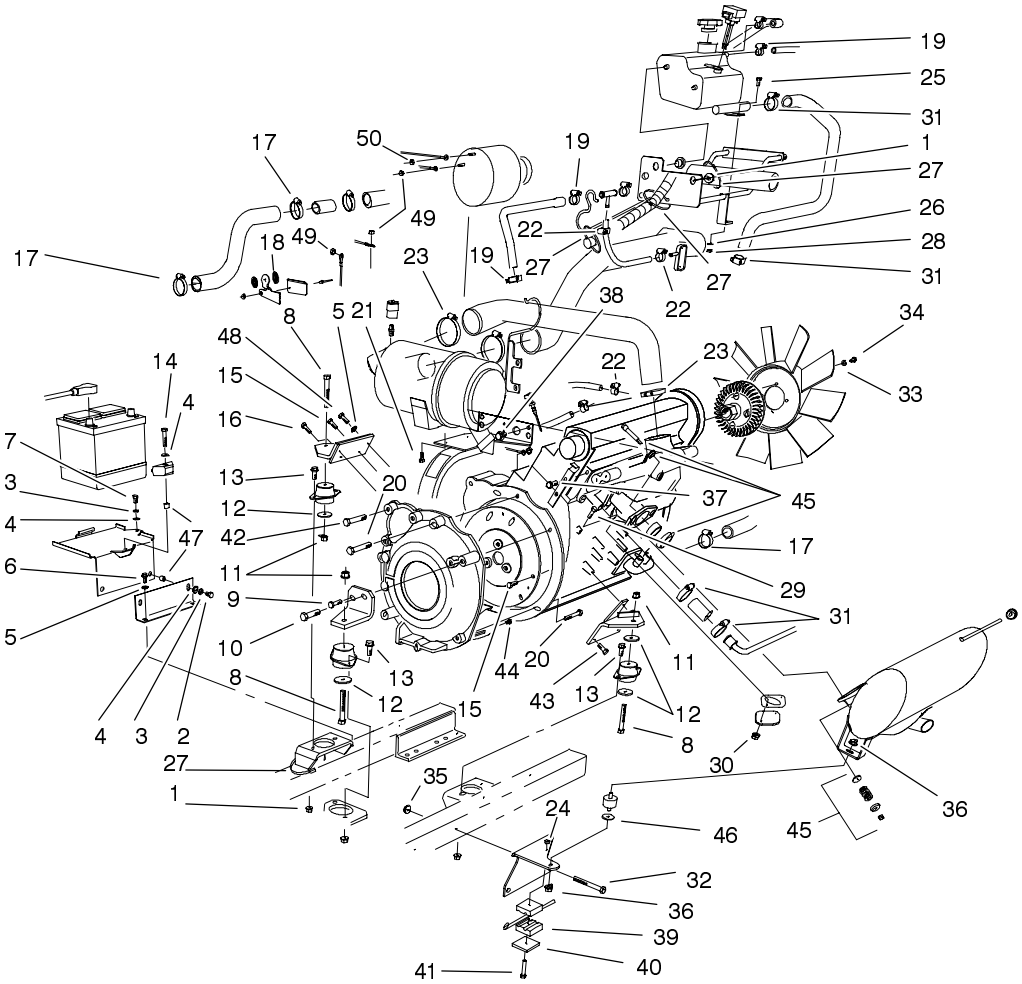
Sheet No.:19

Engine Fasteners Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	3290-357	9	Nut-Flange, Lock
2	323-5	2	Screw-HH
3	3253-21	3	Washer-Lock
4	3256-24	4	Washer-Flat
5	3255-8	2	Washer-Lock/Ext
6	32144-11	2	Screw-TAP
7	323-4	1	Screw-HH
8	324-12	3	Screw-HH
9	33115-030	1	Screw-HH
10	48-7840	1	Bolt
11	32128-37	3	Nut-HF
12	87-5100	4	Washer - Snubbing
13	3234-11	6	Screw-HHF
14	323-9	1	Screw-HH
15	33114-016	8	Screw-HH
16	33114-025	1	Screw-HH
17	2412-3	4	Clamp-Hose
18	86-2990	2	Mount-Throttle Cable
19	2412-36	5	Clamp-Hose
20	48-7570	3	Screw - HH
21	33104-016	2	Screw-HHF
22	2412-108	4	Clamp-Worm
23	2412-125	3	Clamp - Hose
24	32152-1	1	Nut-Lock, NI
25	33103-020	1	Screw-HHF
26	33093-00	1	Washer-Flat

Ref. No.	Part No.	Qty.	Description
27	3290-378	2	Tie-Cable
28	33023-00	1	Nut-Lock
29	33104-020	2	Screw-HHF
30	33004-00	2	Nut-HF
31	2412-129	6	Clamp-Hose
32	323-20	2	Screw-HH
33	3253-4	4	Washer-Lock
34	322-3	4	Screw-HH
35	32128-19	2	Nut-HF
36	32128-20	2	Nut-HF
37	33114-016	2	Screw-HH
38	3234-11	3	Screw-HHF
39	56-7971	2	Clamp-Tube
40	69-9760	1	Coverplate
41	322-9	1	Screw-HH
42	48-7810	3	Screw
43	33115-025	3	Screw-HH
44	33113-012	3	Screw-HH
45	94-2814	1	Kit - Exhaust Coupler
46	62-9510	1	Washer-Lever, Brake
47	32148-9	3	Nut-Insert
48	33114-030	1	Screw-HH
49	48-7880	3	Nut-Hex
50	33014-00	2	Nut-Hex
*99	76-5590	1	Sleeve-Spring (only on: 30455)

* Not illustrated



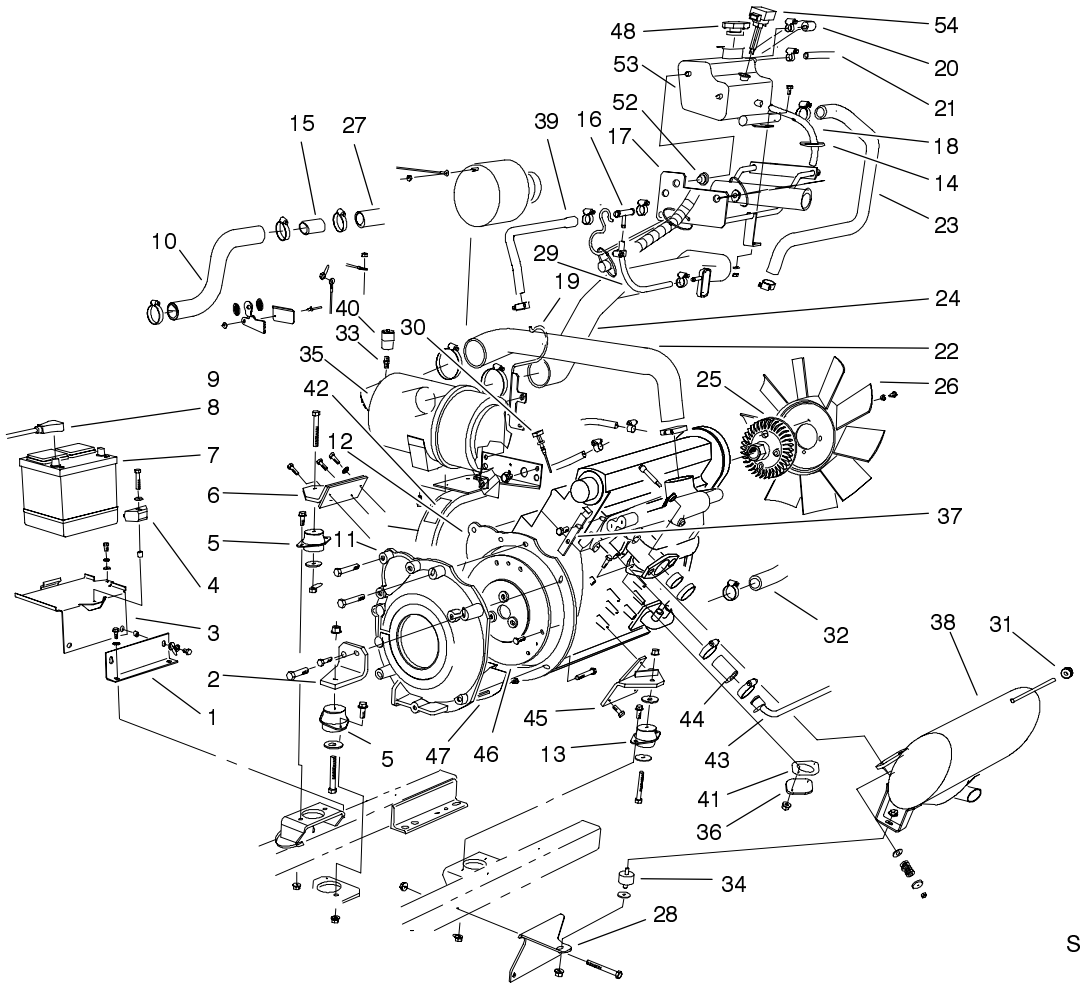
Sheet No.:19

Engine Fasteners Installation Assembly(Continued)

Ref. No.	Part No.	Qty.	Description
*99	94-3263	1	Starter (only on: 30455)

Ref. No.	Part No.	Qty.	Description

* Not illustrated

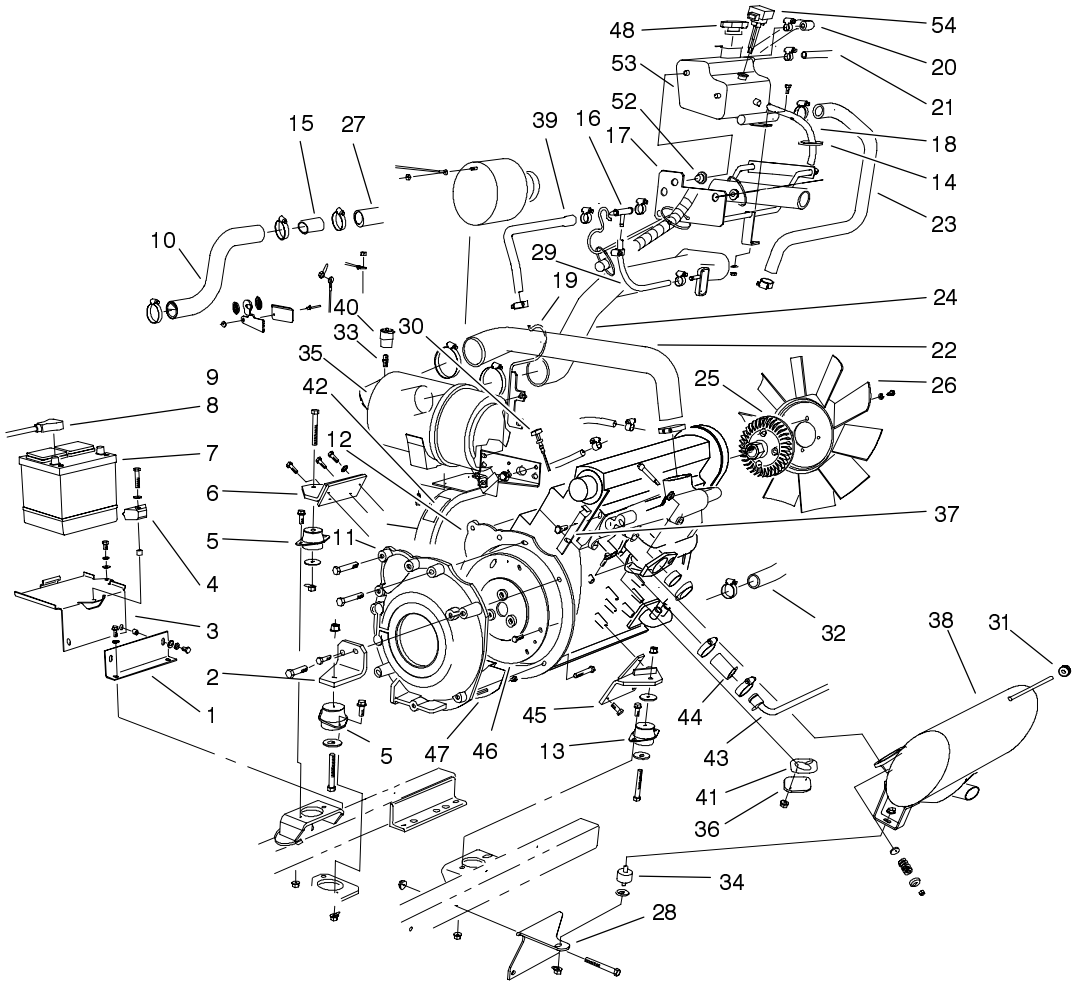


Sheet No.:20

Engine Parts Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	76-4310-03	1	Support-Base, Battery
2	74-5470-03	1	Mount-Engine, LH
3	76-6500-03	1	Base-Battery
4	66-2490	1	Retainer-Battery
5	53-9681	2	Mount-Engine
6	76-4120-03	1	Mount-Engine, RH
7	93-3220	1	Battery
8	74-9080	1	Cable-Battery, Positive
9	74-9090	1	Cable-Battery, Negative
10	94-1418	1	Hose-Radiator, Upper
11	84-0760-03	1	Adapter-Pump
12	100-3794	1	Engine ASM
13	53-9682	1	Mount-Engine, Rubber
14	3290-378	2	Tie-Cable
15	93-7594	1	Spacer
16	93-4207	1	Fitting - Hose Tee
17	93-7229-03	1	Support-Degassing
18	55-4130	1	Hose-Fuel Line
19	94-8003-03	1	Wireform-Hose
20	93-7788	1	Hose - Return
21	94-5625	1	Hose-Overflow, Radiator
22	93-7223	1	Hose - Intake

Ref. No.	Part No.	Qty.	Description
23	94-5604	1	Hose - Overflow
24	93-7224	1	Hose - Air Cleanner
25	74-5520	1	Clutch - Fan
26	74-3650	1	Fan
27	93-7221	1	Hose-Radiator,Upper Rear
28	93-7245-03	1	Bracket - Support
29	63-7622	1	Hose-Fuel
30	93-9175	1	Dipstick
31	94-2812	1	Grommet
32	74-6020	1	Hose - Radiator, Lower
33	94-1416	1	Adapter-Indicator ASM
34	94-5608	1	Mount - Rubber
35	100-2597	1	Air Filter ASM
36	92-7382-03	1	Cover
37	94-5615	1	Bracket - Return Hose
38	94-8012	1	Muffler ASM
39	94-2630	1	Hose - Return
40	93-9164	1	Indicator - Mini
41	77-3700	1	Gasket-Exhaust Muffler
42	83-9150	1	Decal-Fluid, Starting
43	92-7381	1	Tube - Water Return
44	74-6490	2	Hose-Water Line

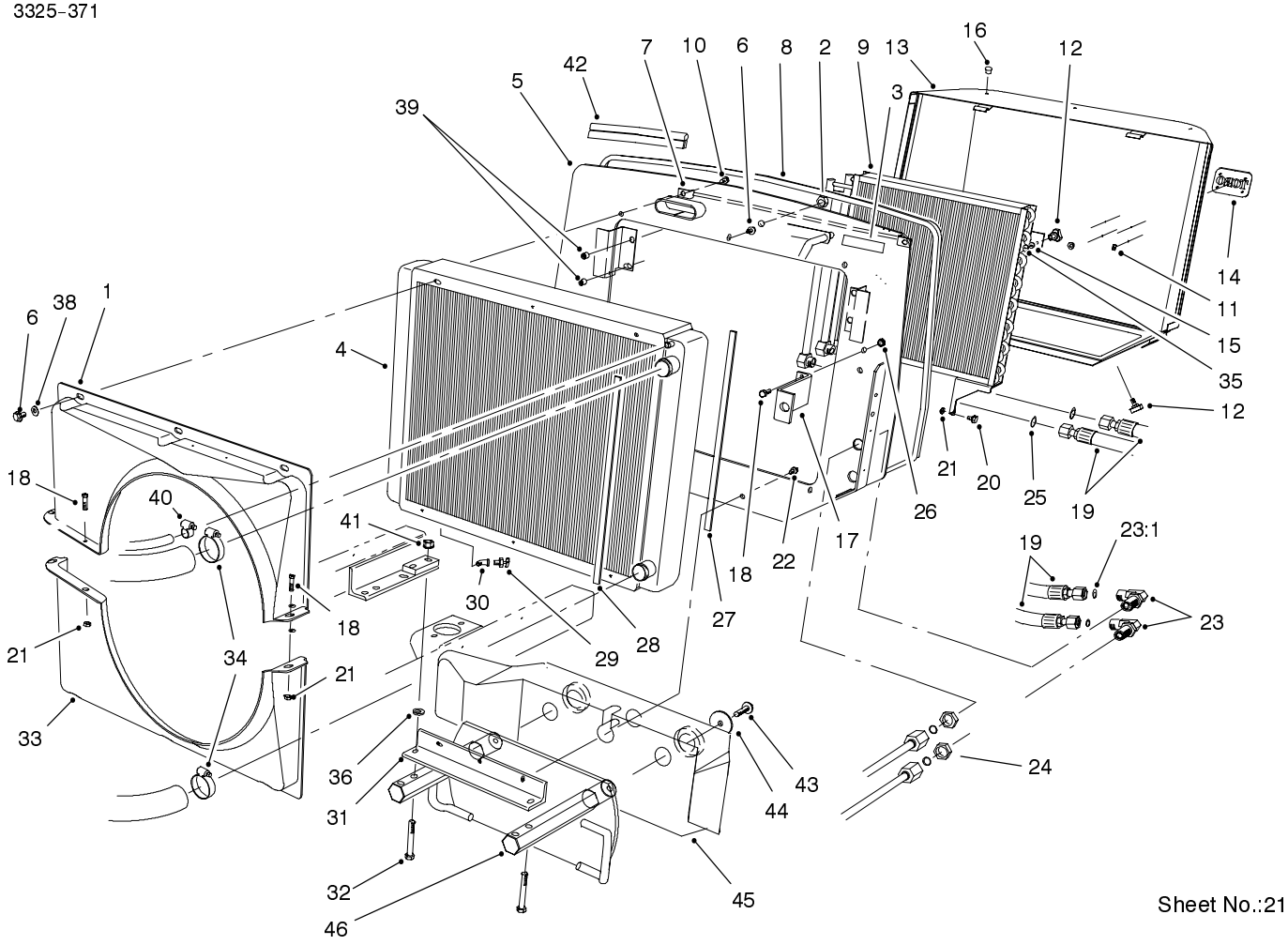


Sheet No.:20

Engine Parts Installation Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
45	76-4220-03	1	Mount-Engine, LH
46	84-1440-03	1	Plate-Adapter
47	77-3600	1	Shield-Adapter
48	94-2800	1	Cap-Pressure
52	94-2801	2	Grommet-Rubber
53	98-1805	1	Box-Degassing
54	94-9984	1	Sensor-Water Level

Ref. No.	Part No.	Qty.	Description

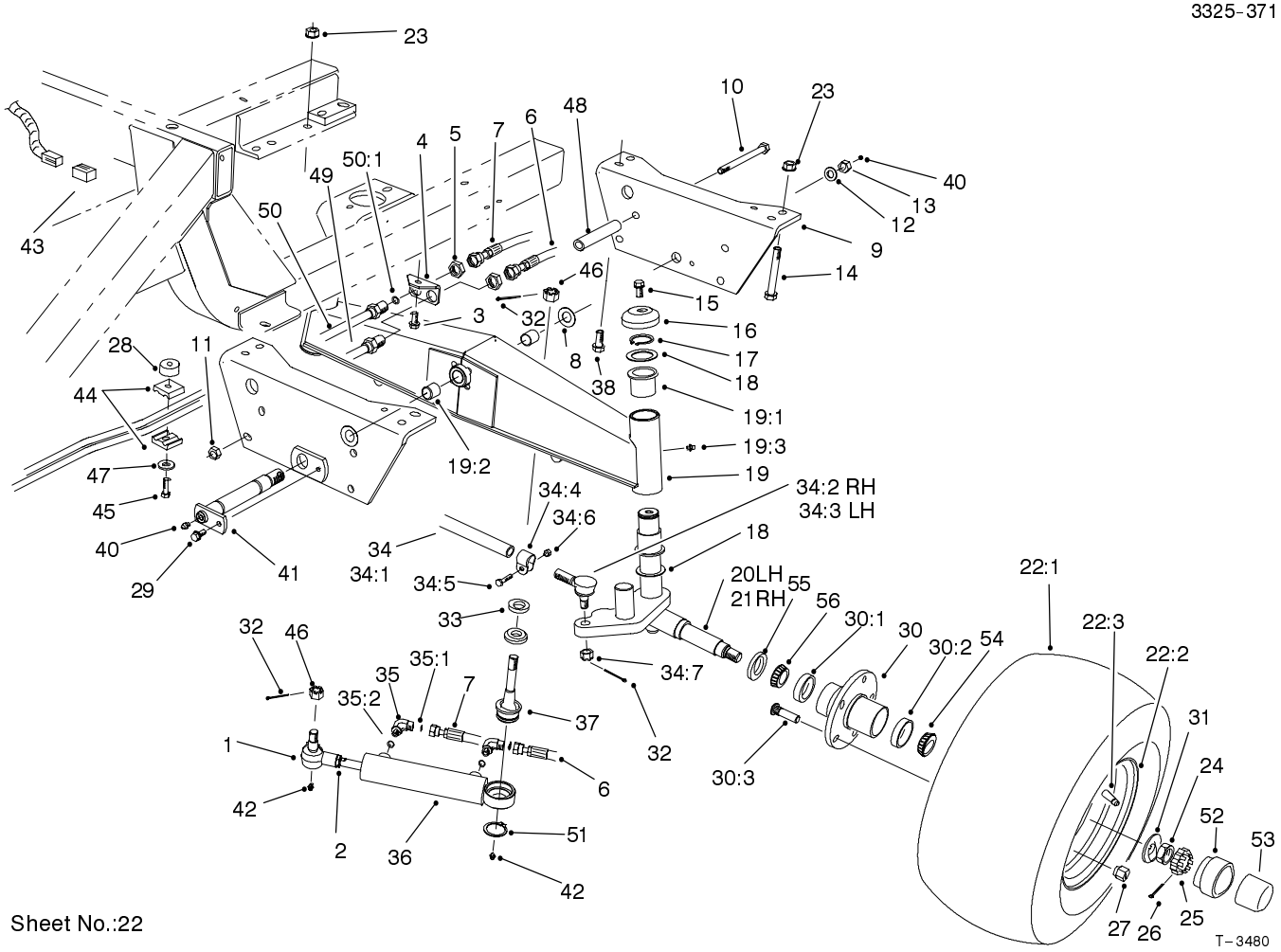


Sheet No.:21

Radiator Assembly

Ref. No.	Part No.	Qty.	Description
1	74-4980	1	Shroud-Top
2	3296-23	2	Nut-Lock, NI
3	93-6681	1	Decal-Warning, Fan
4	74-3410	1	Radiator ASM
5	93-7239-03	1	Mount-Radiator
6	3234-30	10	Screw-HHF
7	94-5621-01	1	Bracket-Screen
8	94-5622	1	Seal Strip - Screen
9	82-3740	1	Cooler - Oil
10	3234-14	2	Screw-HHF
11	94-2638	4	Nut-Tinnerman
12	27-4570	4	Knob-Seat
13	94-5612-03	1	Screen
14	93-6028	1	Plate - Logo, Toro
15	3256-3	2	Washer-Flat
16	2410-64	3	Plug-Button
17	93-7244-03	1	Bracket - Support
18	322-4	5	Screw-HH
19	94-8010	2	Hose ASM
20	37-8771	2	Bolt-Shoulder
21	3296-47	5	Nut-Lock, NI
22	3234-11	3	Screw-HHF
23	340-72	2	Elbow-Bulkhead Union, 90°
23:1	237-65	2	O-Ring
24	340-74	2	Locknut-Bulkhead

Ref. No.	Part No.	Qty.	Description
25	237-65	2	O-Ring
26	32128-20	2	Nut-HF
27	76-6381	2	Strip-Sealing, Radiator
28	76-6382	2	Strip-Sealing, Fan Shroud
29	304-46	1	Draincock
30	2811-1	1	Elbow-Street, 45
31	74-5460-03	1	Angle - Radiator Support
32	325-35	2	Screw-HH
33	74-4990	1	Shroud-Bottom
34	2412-3	2	Clamp-Hose
35	32151-72	2	Ring-Retaining
36	3256-26	2	Washer-Flat
38	3256-23	7	Washer-Flat
39	32148-9	4	Nut-Insert
40	2412-36	1	Clamp-Hose
41	32128-49	2	Nut-HHF
42	94-5616	1	Seal - Hood
43	325-34	2	Screw-HH
44	88-1360	2	Washer-Rear Weight
45	92-9711-03	1	Weight - Rear
46	98-7070	1	Weight ASM



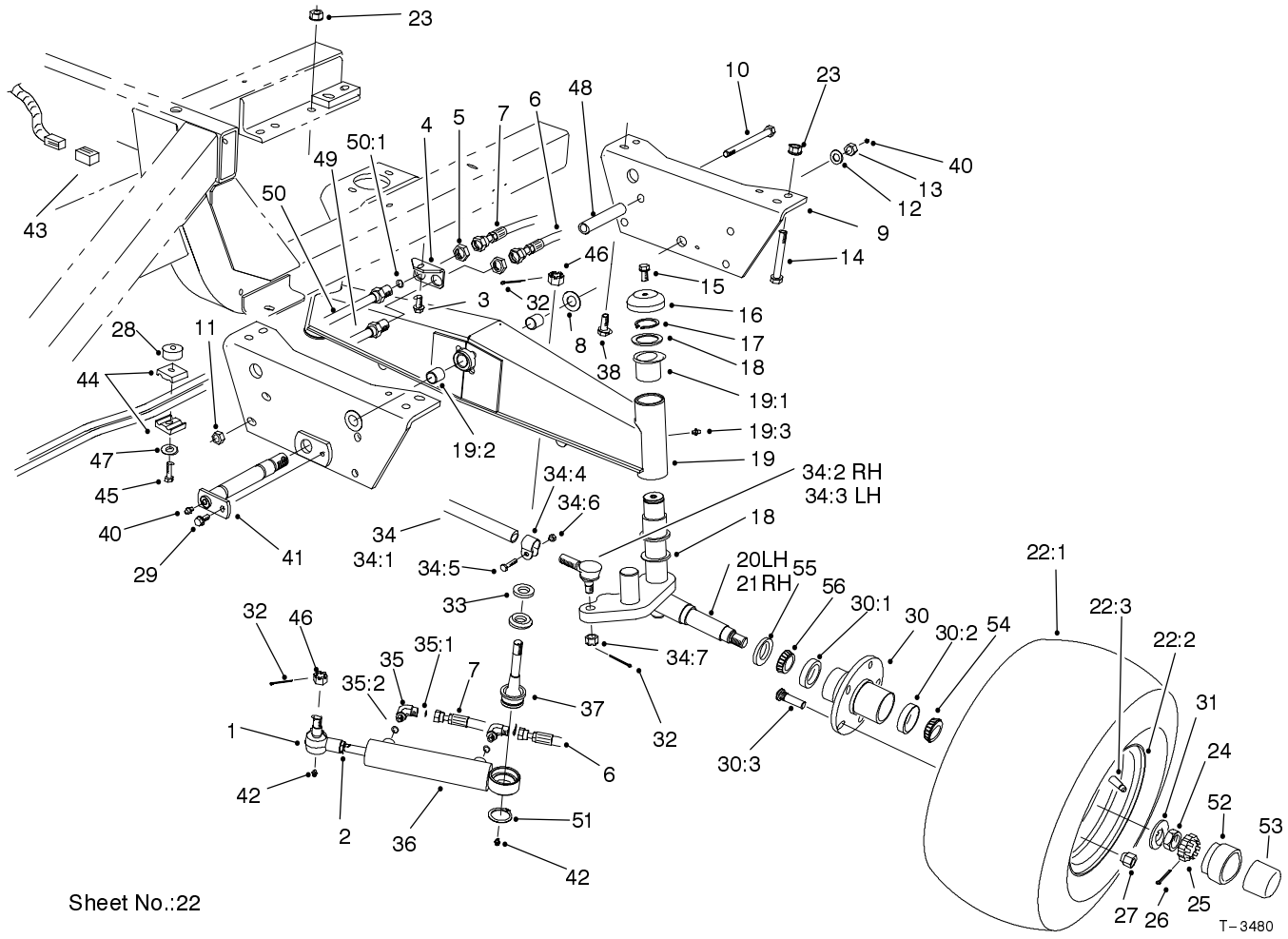
Sheet No.:22

Rear Axle Assembly-2WD

Ref. No.	Part No.	Qty.	Description
1	92-5837	1	Rod End ASM (only on: 30450)
2	3220-11	1	Nut-Jam (only on: 30450)
3	32144-11	1	Screw-TAP (only on: 30450)
4	74-6450	1	Bracket-Bulkhead, Steering (only on: 30450)
5	340-70	2	Locknut-Bulkhead (only on: 30450)
6	86-3130	1	Hose ASM (only on: 30450)
7	86-3120	1	Hose ASM (only on: 30450)
8	93-7247	2	Washer - Thrust (only on: 30450)
9	93-7240-03	1	Plate-Axle Pivot, Rear (only on: 30450)
10	325-20	2	Screw-HH (only on: 30450)
11	3296-45	2	Nut-Lock, NI (only on: 30450)
12	3256-29	1	Washer-Flat (only on: 30450)

Ref. No.	Part No.	Qty.	Description
13	94-8000	1	Nut-Hex (only on: 30450)
14	325-35	2	Screw-HH (only on: 30450)
15	3234-12	2	Screw-HHF (only on: 30450)
16	69-8890	2	Cap-Spindle (only on: 30450)
17	32151-10	2	Ring-Snap (only on: 30450)
18	62-2170	4	Washer-Thrust (only on: 30450)
19	94-5607	1	Axle ASM (only on: 30450)
19:1	69-6470	4	Bushing-Castor (only on: 30450)
19:2	94-5603	2	Bushing - Metric (only on: 30450)
19:3	302-11	2	Fitting-Lube, 45 (only on: 30450)
20	92-9725-03	1	Spindle-LH (only on: 30450)
21	92-9724-03	1	Spindle Wa - RH (only on: 30450)
☆22		2	Tire & Wheel ASM (only on: 30450)

☆ Not serviced

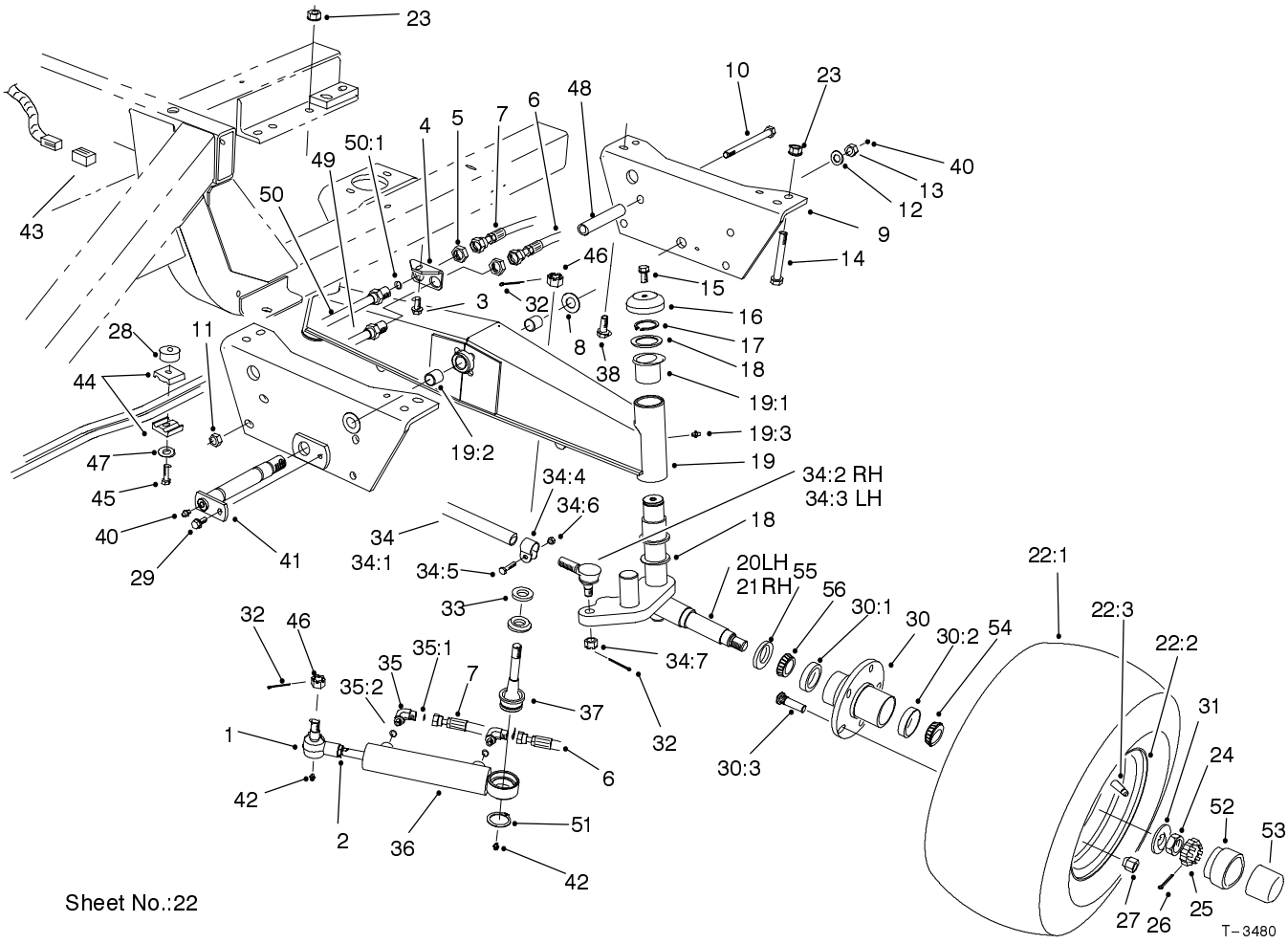


Rear Axle Assembly-2WD (Continued)

Ref. No.	Part No.	Qty.	Description
22:1	86-5910	1	Tire (only on: 30450)
22:2	100-2582	1	Rim (only on: 30450)
22:3	232-27	1	Stem-Valve (only on: 30450)
23	32128-49	4	Nut-HHF (only on: 30450)
24	3220-7	2	Nut-Jam (only on: 30450)
25	93-0307	2	Nut Retainer-Lock (only on: 30450)
26	3272-13	2	Pin-Cotter (only on: 30450)
27	242-50	10	Nut - Lug (only on: 30450)
28	80-8660	1	Spacer - Coupler (only on: 30450)
29	32144-41	1	Screw-Taptite (only on: 30450)
30	92-9651	2	Hub Sub ASM (only on: 30450)
30:1	254-107	1	Bearing-Taper/Cup (only on: 30450)
30:2	254-72	1	Bearing-Taper/Cup (only on: 30450)
30:3	92-9652	5	Stud - Bolt (only on: 30450)

Ref. No.	Part No.	Qty.	Description
31	93-0309	2	Washer - Tab (only on: 30450)
32	3272-12	4	Pin-Cotter (only on: 30450)
33	92-5833	1	Spacer - Ball Joint (only on: 30450)
34	74-5940	1	Tie Rod ASM (only on: 30450)
34:1	2412-123	1	Tie Rod (only on: 30450)
34:2	2411-45	1	Ball Joint-RH (only on: 30450)
*34:2:1	302-55	1	Zerk (only on: 30450)
*34:2:2	71-4760	1	Seal (only on: 30450)
34:3	2411-46	1	Ball Joint-LH (only on: 30450)
34:4	2412-122	2	Clamp ASM (only on: 30450)
34:5	3210-5	2	Screw-HH (only on: 30450)
34:6	32152-5	2	Nut-Conelock (only on: 30450)
34:7	32136-13	2	Nut-Hex, Slotted (only on: 30450)
35	340-97	2	Fitting-Hyd, 90 (only on: 30450)

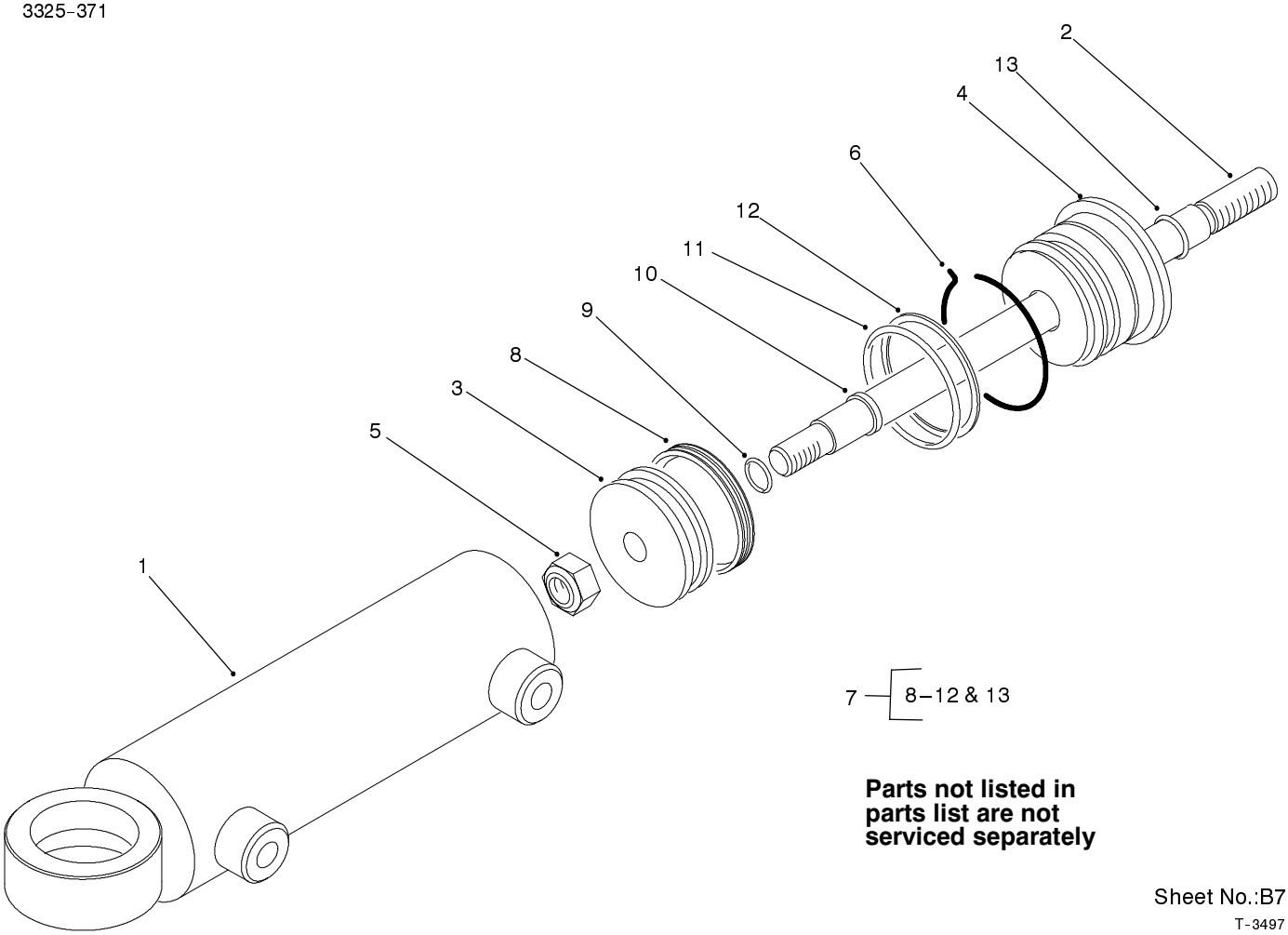
* Not illustrated



Rear Axle Assembly-2WD (Continued)

Ref. No.	Part No.	Qty.	Description
35:1	237-22	1	O-Ring (only on: 30450)
35:2	237-78	1	O-Ring (only on: 30450)
36	94-8142	1	Hyd Cylinder ASM (only on: 30450)
37	92-5839	1	Ball Joint (only on: 30450)
38	325-12	2	Screw-HH (only on: 30450)
40	302-2	2	Fitting-Grease (only on: 30450)
41	93-7249	1	Pin-Pivot, Axle (only on: 30450)
42	302-5	1	Fitting-Grease (only on: 30450)
43	76-4880	1	Connector (only on: 30450)
44	56-7973	2	Clamp-Tube (only on: 30450)
45	32104-37	1	Screw-HWH (only on: 30450)
46	32136-14	2	Nut-Hex Slotted (only on: 30450)
47	3256-71	1	Washer-Flat (only on: 30450)

Ref. No.	Part No.	Qty.	Description
48	76-8350	2	Stop-Axle (only on: 30450)
49	86-5780	1	Tube ASM-Steering, RH Rear (only on: 30450)
50	86-5790	1	Tube ASM-Steering, LH Rear (only on: 30450)
50:1	237-22	1	O-Ring (only on: 30450)
51	32151-104	1	Ring-Retaining, External (only on: 30450)
52	100-3769	2	Buddy-Bearing (only on: 30450)
53	100-3809	2	Cap-Bearing Protector (only on: 30450)
54	254-92	2	Cone-Outer Bearing (only on: 30450)
55	69-2980	2	Seal (only on: 30450)
56	254-106	2	Bearing-Taper/Cone (only on: 30450)



Parts not listed in parts list are not serviced separately

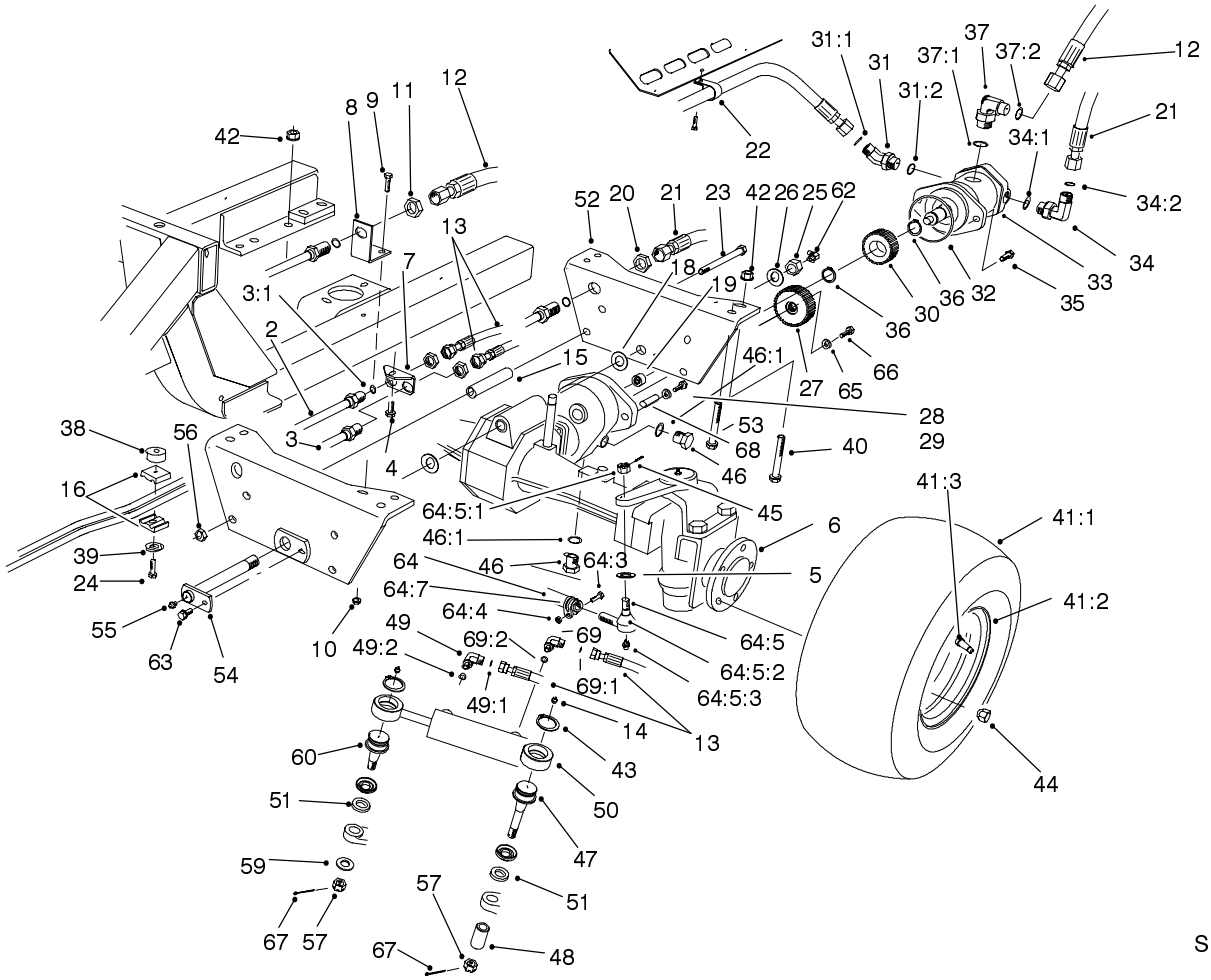
Sheet No.:B7

T-3497

Hydraulic Cylinder Assembly No. 94-8142

Ref. No.	Part No.	Qty.	Description
1	94-9959	1	Barrel ASM (only on: 30450)
2	94-9960	1	Piston Rod ASM (only on: 30450)
3	94-9961	1	Piston (only on: 30450)
4	94-9962	1	Gland - Cylinder (only on: 30450)
5	32152-10	1	Locknut-Deform, Top (only on: 30450)
6	94-9963	1	Ring-Retaining (only on: 30450)
7	94-9964	1	Kit - Seal Repair (only on: 30450)

Ref. No.	Part No.	Qty.	Description



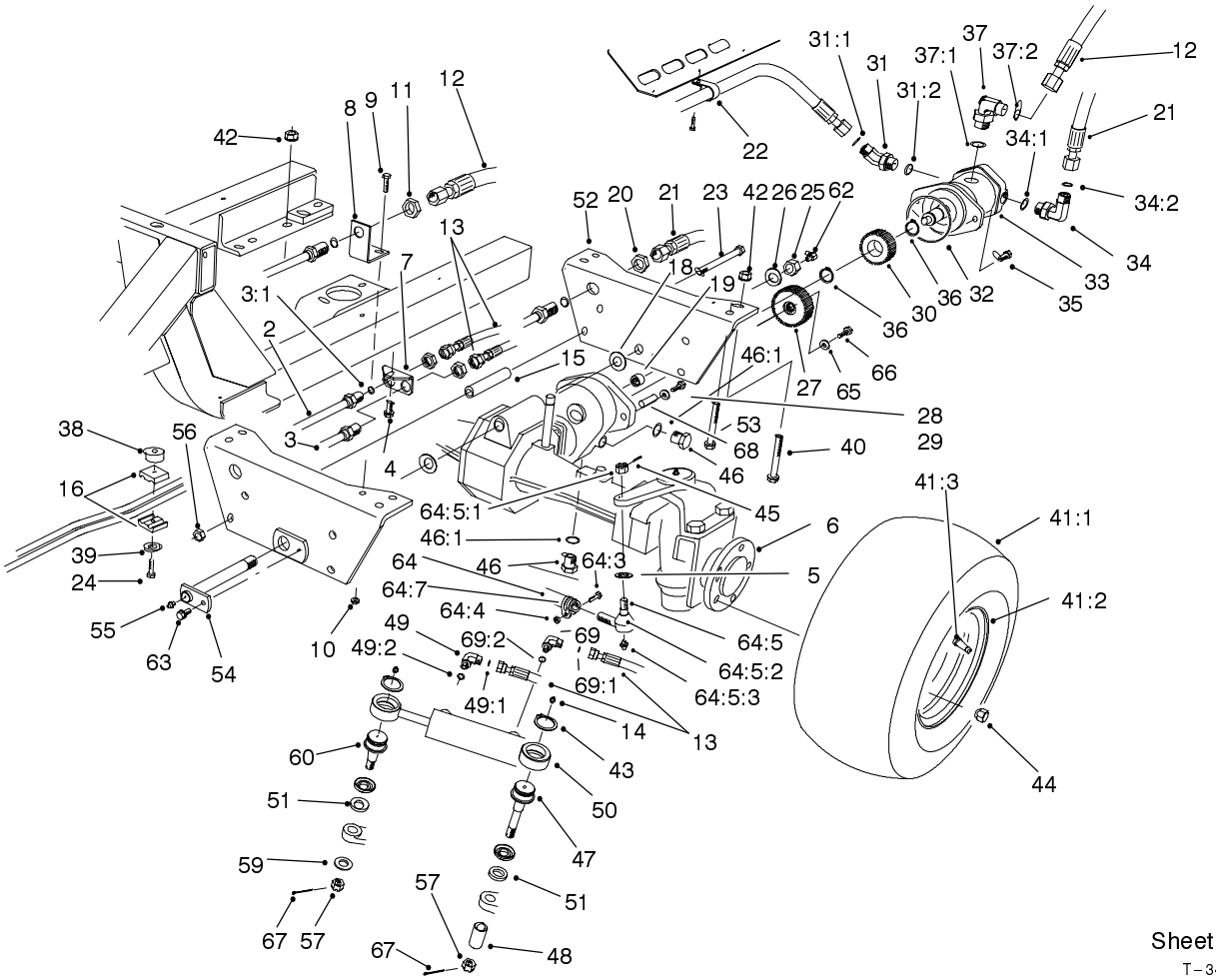
Sheet No.:23

T-3642

Rear Axle Assembly-4WD

Ref. No.	Part No.	Qty.	Description
2	86-5780	1	Tube ASM-Steering, RH Rear (only on: 30455)
3	86-5790	1	Tube ASM-Steering, LH Rear (only on: 30455)
3:1	237-22	1	O-Ring (only on: 30455)
4	32144-11	2	Screw-TAP (only on: 30455)
5	3256-64	2	Washer-Flat (only on: 30455)
6	95-7500	1	Axle-Drive (only on: 30455)
7	74-6450	1	Bracket-Bulkhead, Steering (only on: 30455)
8	76-9290	1	Bracket - Case Drain (only on: 30455)
9	3234-4	1	Screw-HHF (only on: 30455)
10	32128-33	1	Nut-HF (only on: 30455)
11	340-70	3	Locknut-Bulkhead (only on: 30455)

Ref. No.	Part No.	Qty.	Description
12	86-3140	1	Hose ASM (only on: 30455)
13	76-9590	2	Hose ASM-Cylinder Rod (only on: 30455)
14	302-5	2	Fitting-Grease (only on: 30455)
15	98-7076	2	Stop - Axle (only on: 30455)
16	56-7973	2	Clamp-Tube (only on: 30455)
18	98-3867	2	Washer - Thrust (only on: 30455)
19	74-5700	1	Bearing-Needle, Roller (only on: 30455)
20	340-74	1	Locknut-Bulkhead (only on: 30455)
21	86-2730	1	Hose ASM (only on: 30455)
22	2412-74	1	Clamp (only on: 30455)
23	325-36	2	Screw-HH (only on: 30455)
24	32104-37	1	Screw-HWH (only on: 30455)



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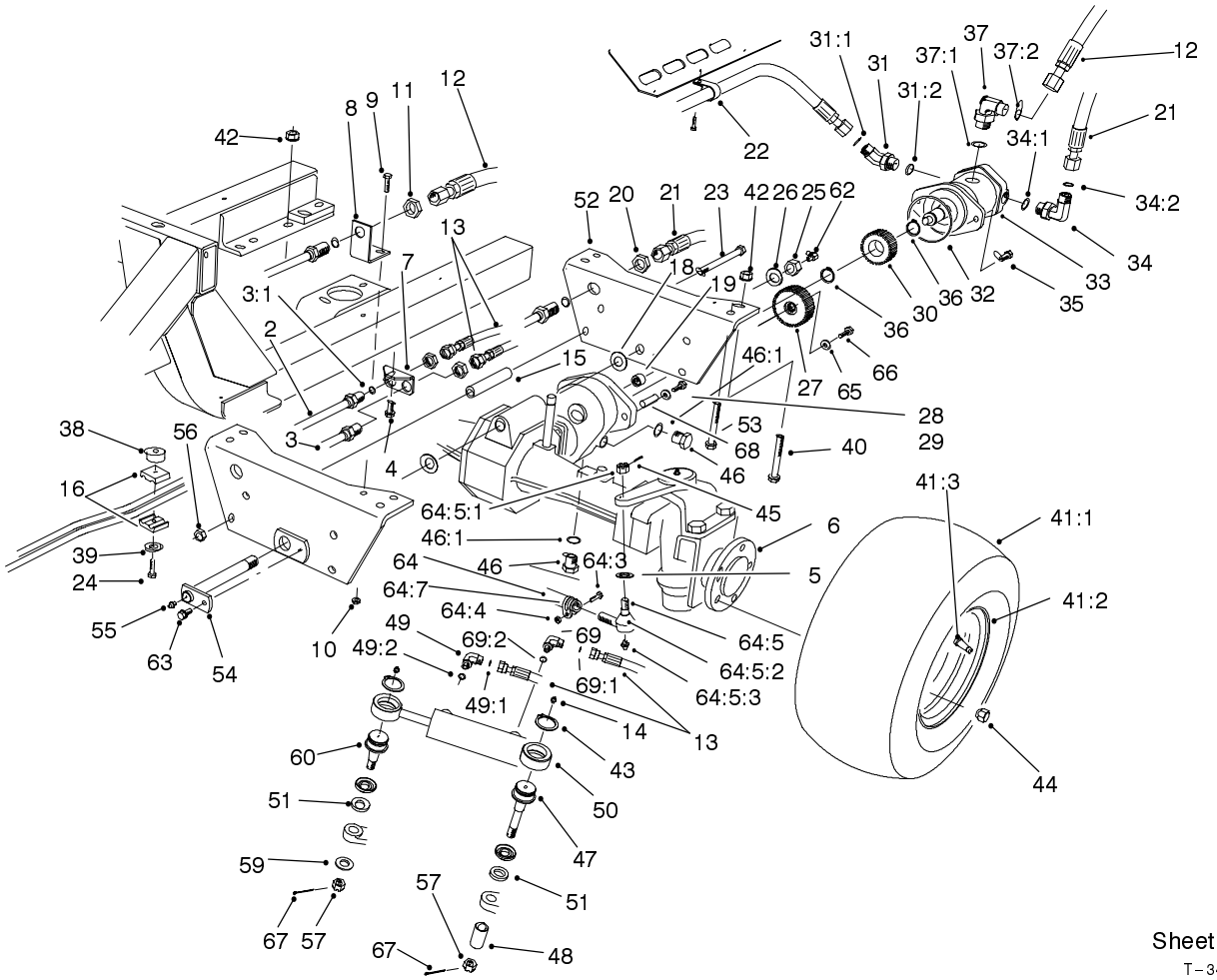
T-3462

Rear Axle Assembly-4WD (Continued)

Ref. No.	Part No.	Qty.	Description
25	3296-68	1	Nut-,Lock NI (only on: 30455)
26	92-1765	1	Washer - Thrust (only on: 30455)
27	99-7500	1	Clutch - Bi-Directional (only on: 30455)
28	33114-025	6	Screw-HH (only on: 30455)
29	3253-4	6	Washer-Lock (only on: 30455)
30	95-4393	1	Gear - Driven (only on: 30455)
31	340-156	1	Fitting - Hyd (only on: 30455)
31:1	237-65	1	O-Ring (only on: 30455)
31:2	237-81	1	O-Ring (only on: 30455)
32	237-166	1	O-Ring (only on: 30455)
33	99-7502	1	Piston Motor ASM (only on: 30455)
34	340-139	1	Fitting-Hyd, (only on: 30455)

Ref. No.	Part No.	Qty.	Description
34:1	237-81	1	O-Ring (only on: 30455)
34:2	237-65	1	O-Ring (only on: 30455)
35	325-6	2	Screw-HH (only on: 30455)
36	32120-15	2	Ring-Snap, Ext (only on: 30455)
37	340-18	1	Fitting-Hyd, 90 (only on: 30455)
37:1	237-79	1	O-Ring (only on: 30455)
37:2	237-22	1	O-Ring (only on: 30455)
38	80-8660	1	Spacer - Coupler (only on: 30455)
39	3256-71	1	Washer-Flat (only on: 30455)
40	325-35	2	Screw-HH (only on: 30455)
☆41		2	Tire & Wheel ASM (only on: 30455)
41:1	86-5910	1	Tire (only on: 30455)
41:2	100-2582	1	Rim (only on: 30455)
41:3	232-27	1	Stem-Valve (only on: 30455)

☆ Not serviced



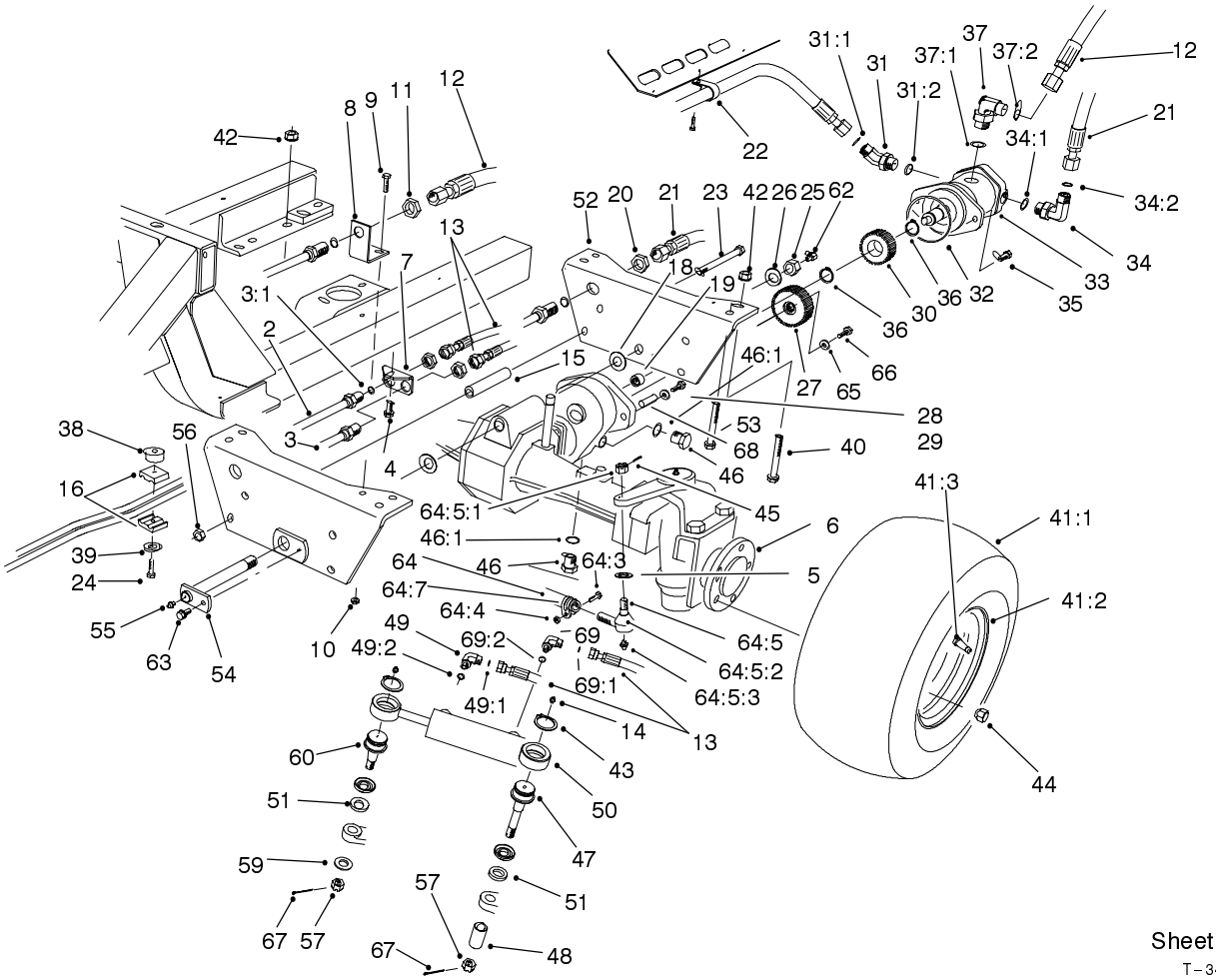
Sheet No.:23

T-3462

Rear Axle Assembly-4WD (Continued)

Ref. No.	Part No.	Qty.	Description
42	32128-49	4	Nut-HHF (only on: 30455)
43	32151-104	2	Ring-Retaining, External (only on: 30455)
44	93-5268	10	Nut-Lug (only on: 30455)
45	3272-17	2	Pin-Cotter (only on: 30455)
46	353-508	2	Plug-O-Ring (only on: 30455)
46:1	237-42	1	O-Ring (only on: 30455)
47	92-5839	1	Ball Joint (only on: 30455)
48	92-5844	1	Spacer - Ball Joint (only on: 30455)
49	340-97	1	Fitting-Hyd, 90 (only on: 30455)
49:1	237-22	1	O-Ring (only on: 30455)
49:2	237-78	1	O-Ring (only on: 30455)
50	98-3806	1	Hydraulic Cylinder ASM (only on: 30455)

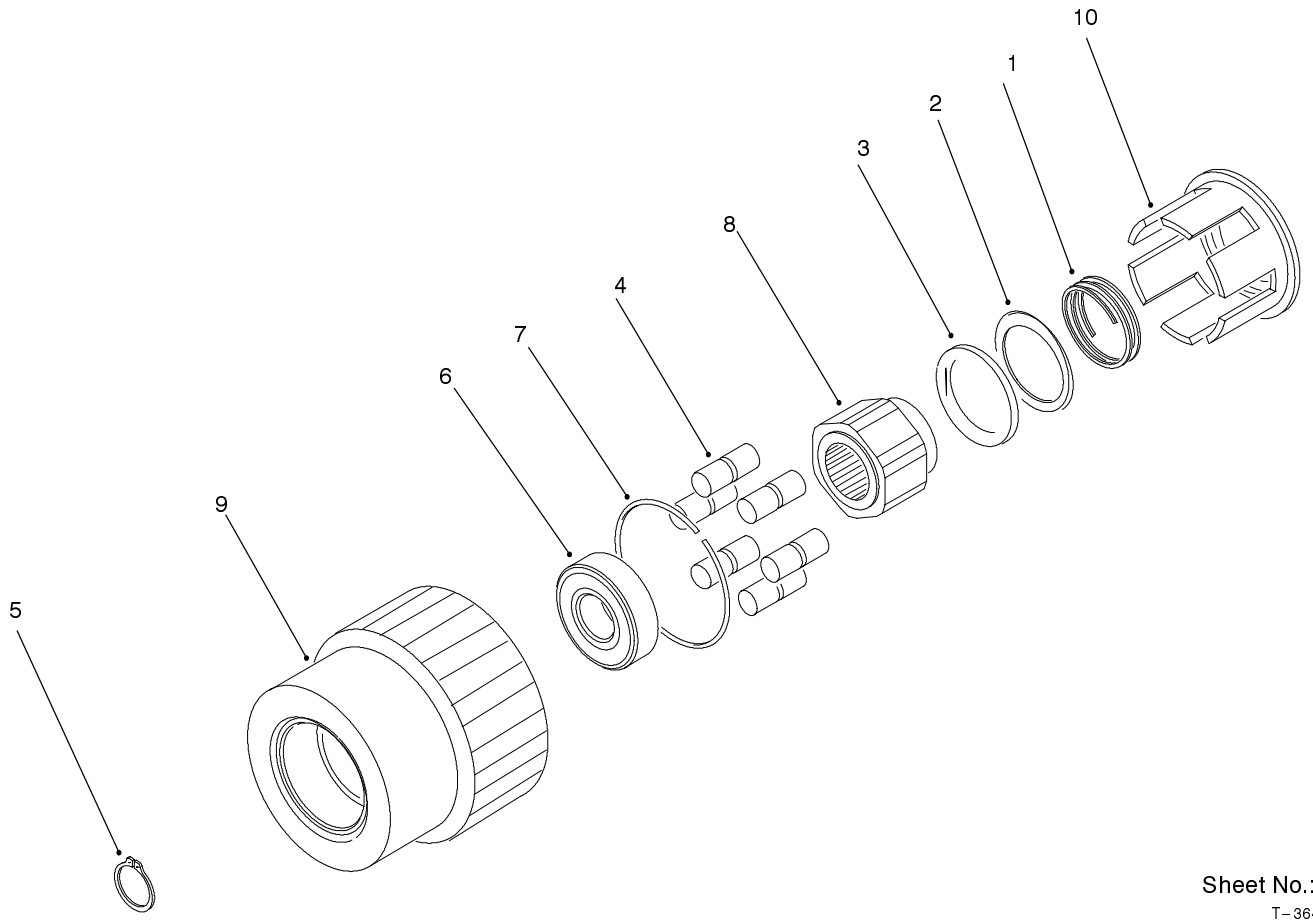
Ref. No.	Part No.	Qty.	Description
51	92-5833	2	Spacer - Ball Joint (only on: 30455)
52	94-8246-03	1	Pivot-Rear (only on: 30455)
53	325-12	2	Screw-HH (only on: 30455)
54	98-7077	1	Pin-Rear Axle (only on: 30455)
55	302-2	1	Fitting-Grease (only on: 30455)
56	3296-23	2	Nut-Lock, NI (only on: 30455)
57	32136-14	2	Nut-Hex Slotted (only on: 30455)
59	92-5836	1	Washer-Axle (only on: 30455)
60	92-5838-01	1	Ball Joint (only on: 30455)
62	302-33	1	Fitting-Grease (only on: 30455)
63	32144-41	1	Screw-Taptite (only on: 30455)
64	95-4391	1	Tie Rod ASM (only on: 30455)
64:3	323-9	2	Screw-HH (only on: 30455)



Rear Axle Assembly-4WD (Continued)

Ref. No.	Part No.	Qty.	Description
64:4	3296-39	2	Nut-Lock, NI (only on: 30455)
64:5	71-4740	2	End-Tie Rod (only on: 30455)
64:5:1	32136-13	1	Nut-Hex, Slotted (only on: 30455)
64:5:2	71-4760	1	Seal (only on: 30455)
64:5:3	302-55	1	Zerk (only on: 30455)
64:7	99-7503	1	Tube & Clamp ASM (only on: 30455)
65	88-7200	1	Washer-Flat (only on: 30455)
66	33114-025	1	Screw-HH (only on: 30455)
67	3272-12	2	Pin-Cotter (only on: 30455)
68	104-2353	2	Pin, Dowel (only on: 30455)
69	340-54	1	Elbow-45 (only on: 30455)
69:1	237-22	1	O-Ring (only on: 30455)
69:2	237-78	1	O-Ring (only on: 30455)

Ref. No.	Part No.	Qty.	Description



Sheet No.:B9

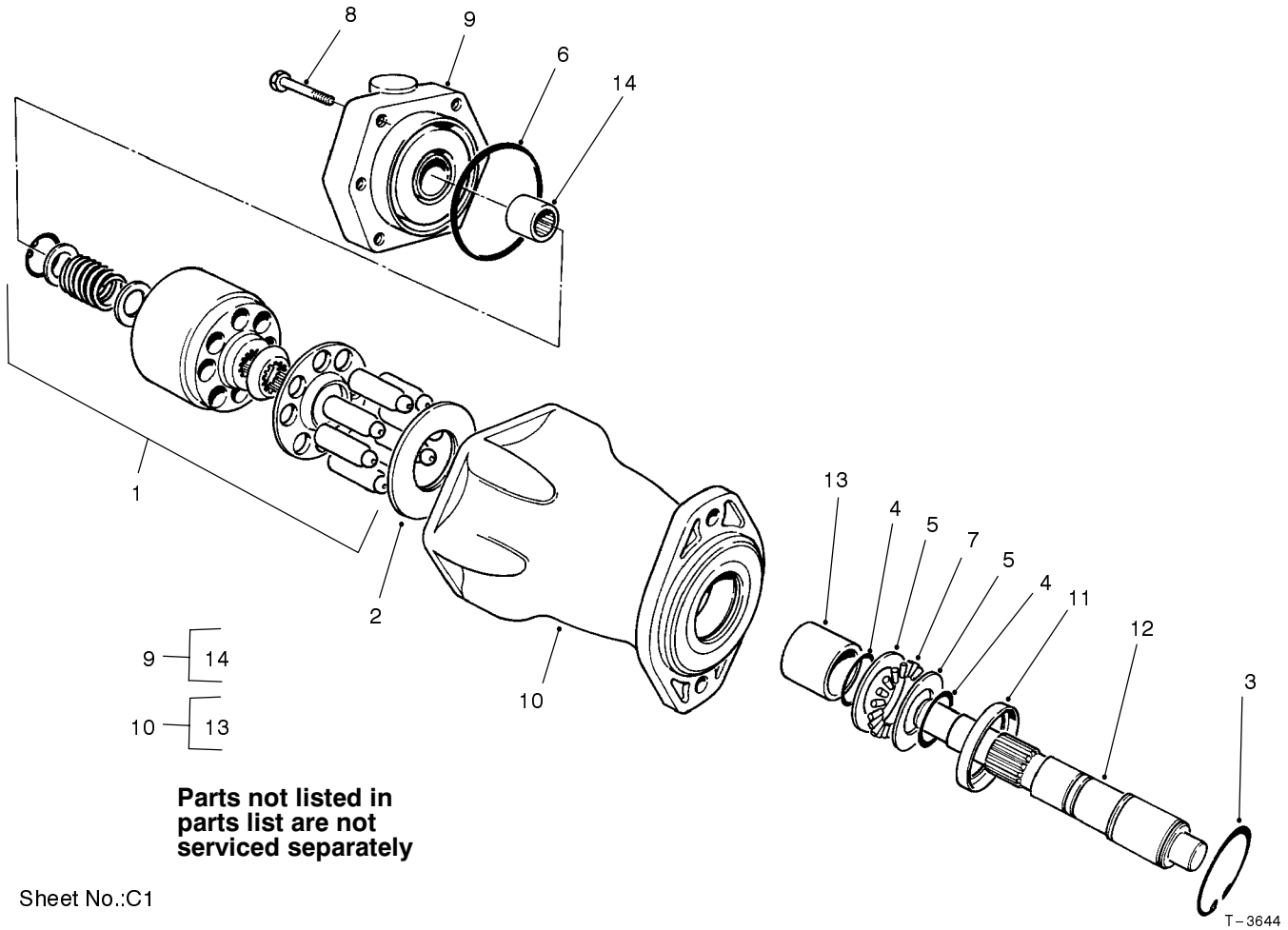
T-3643

Bi-Directional Clutch Assembly No. 99-7500

Ref. No.	Part No.	Qty.	Description
1	93-8923	1	Spring - Wave (only on: 30455)
2	93-8929	1	Washer - Thrust (only on: 30455)
3	93-8919	1	Bearing - Thrust Needle (only on: 30455)
4	93-8925	6	Roller (only on: 30455)
5	32151-96	1	Ring-Retaining (only on: 30455)
6	100-2572	1	Bearing (only on: 30455)
7	100-2571	1	Spring-Wire Form (only on: 30455)
8	100-2570	1	Hub ASM (only on: 30455)
9	100-2569	1	Housing ASM (only on: 30455)
10	100-2568	1	Roll Cage ASM (only on: 30455)

Ref. No.	Part No.	Qty.	Description

3325-371



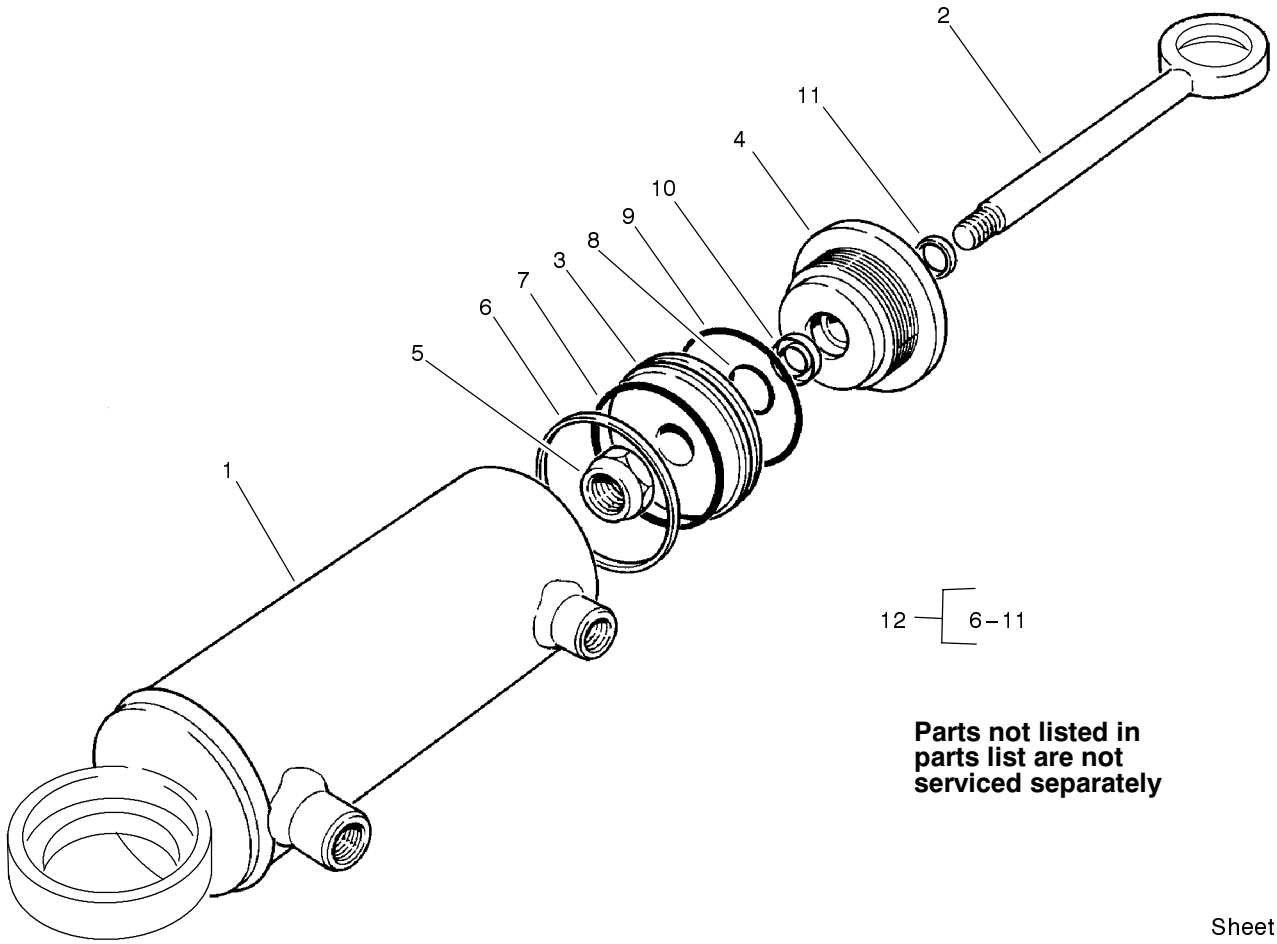
Parts not listed in parts list are not serviced separately

Sheet No.:C1

Hydraulic Motor Assembly No. 99-7502

Ref. No.	Part No.	Qty.	Description
1	76-6910	1	Rotating Kit ASM (only on: 30455)
2	76-6970	1	Insert-Cam Plate (only on: 30455)
3	76-7010	1	Ring-Retaining (only on: 30455)
4	76-7000	2	Ring-Retaining (only on: 30455)
5	76-6950	2	Race-Thrust (only on: 30455)
6	76-6980	1	O-Ring (only on: 30455)
7	76-6960	1	Bearing-Thrust (only on: 30455)
8	100-2550	6	Screw, Cap (only on: 30455)
9	100-2551	1	Backplate (only on: 30455)
10	100-2552	1	Housing (only on: 30455)
11	100-2553	1	Seal, Shaft (only on: 30455)
12	100-2554	1	Shaft, Drive (only on: 30455)

Ref. No.	Part No.	Qty.	Description



Parts not listed in parts list are not serviced separately

Sheet No.:C2

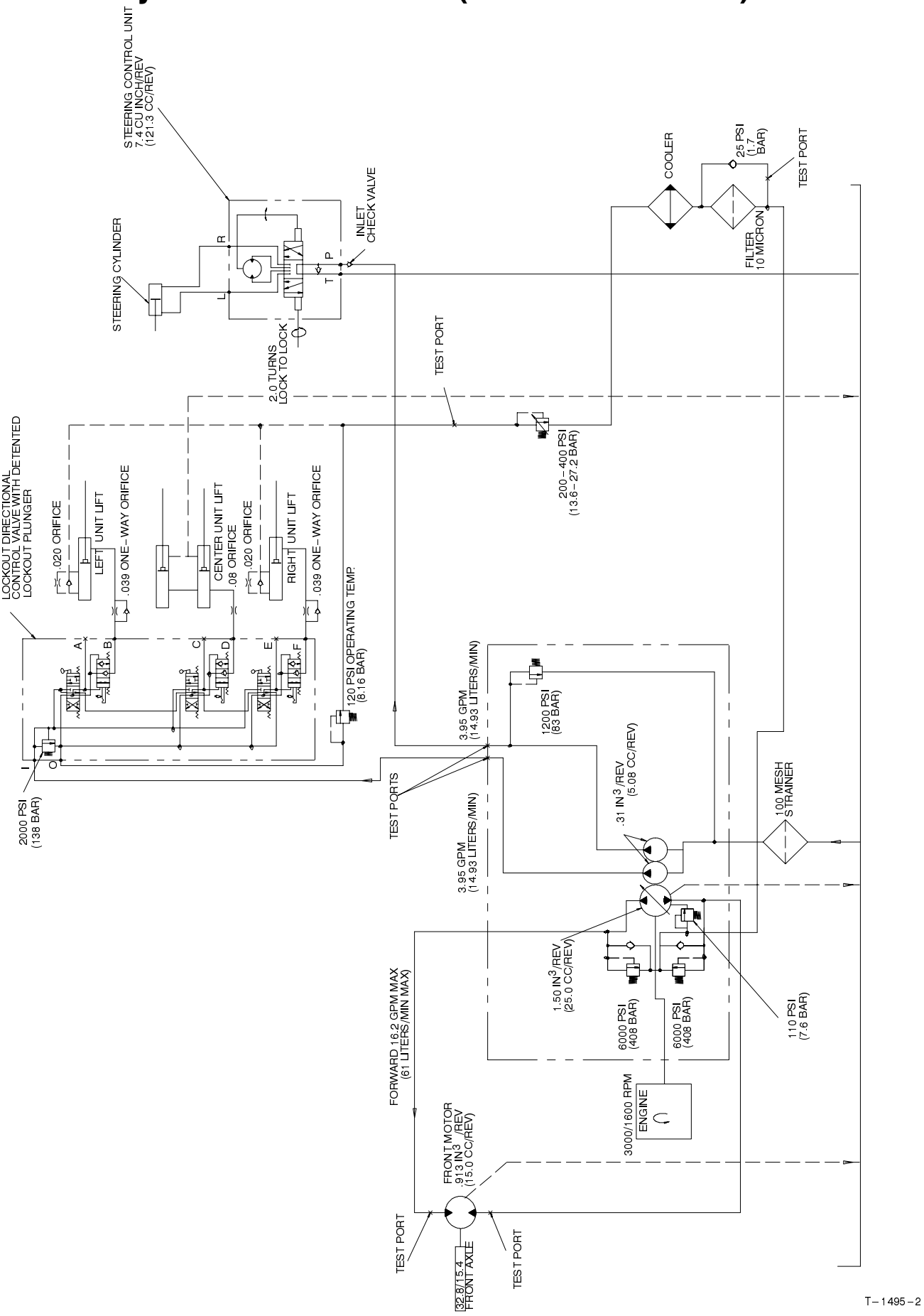
T–3527

Hydraulic Cylinder Assembly No. 98-3806

Ref. No.	Part No.	Qty.	Description
1	99-4753	1	Butt & Tube ASM (only on: 30455)
2	99-4754	1	Piston & Rod ASM (only on: 30455)
3	66-1940	1	Piston (only on: 30455)
4	92-6588	1	Gland (only on: 30455)
5	66-1930	1	Locknut (only on: 30455)
12	92-6593	1	Kit-packing, 4wd (only on: 30455)

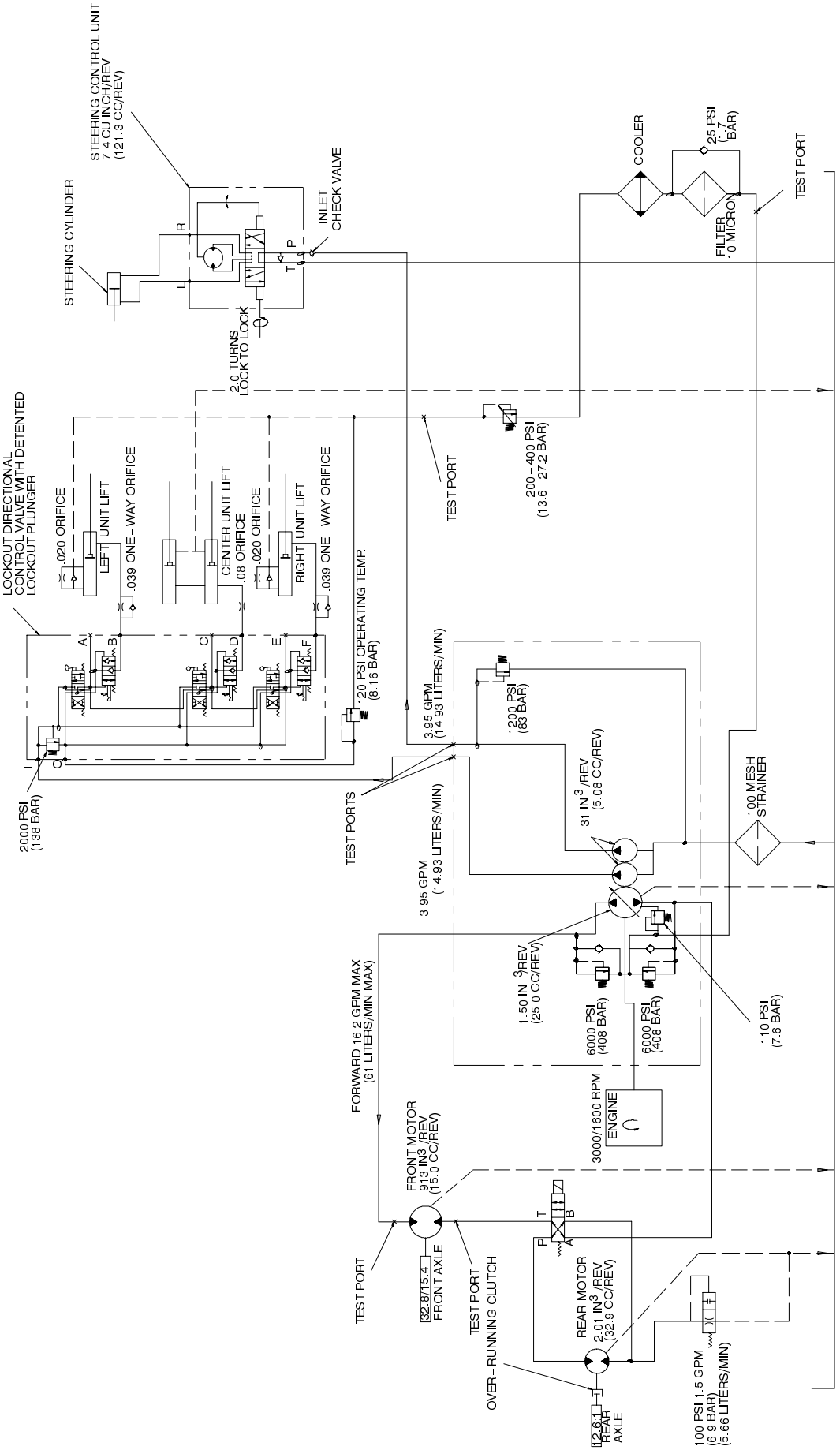
Ref. No.	Part No.	Qty.	Description

Hydraulic Schematic (Model No. 30450)

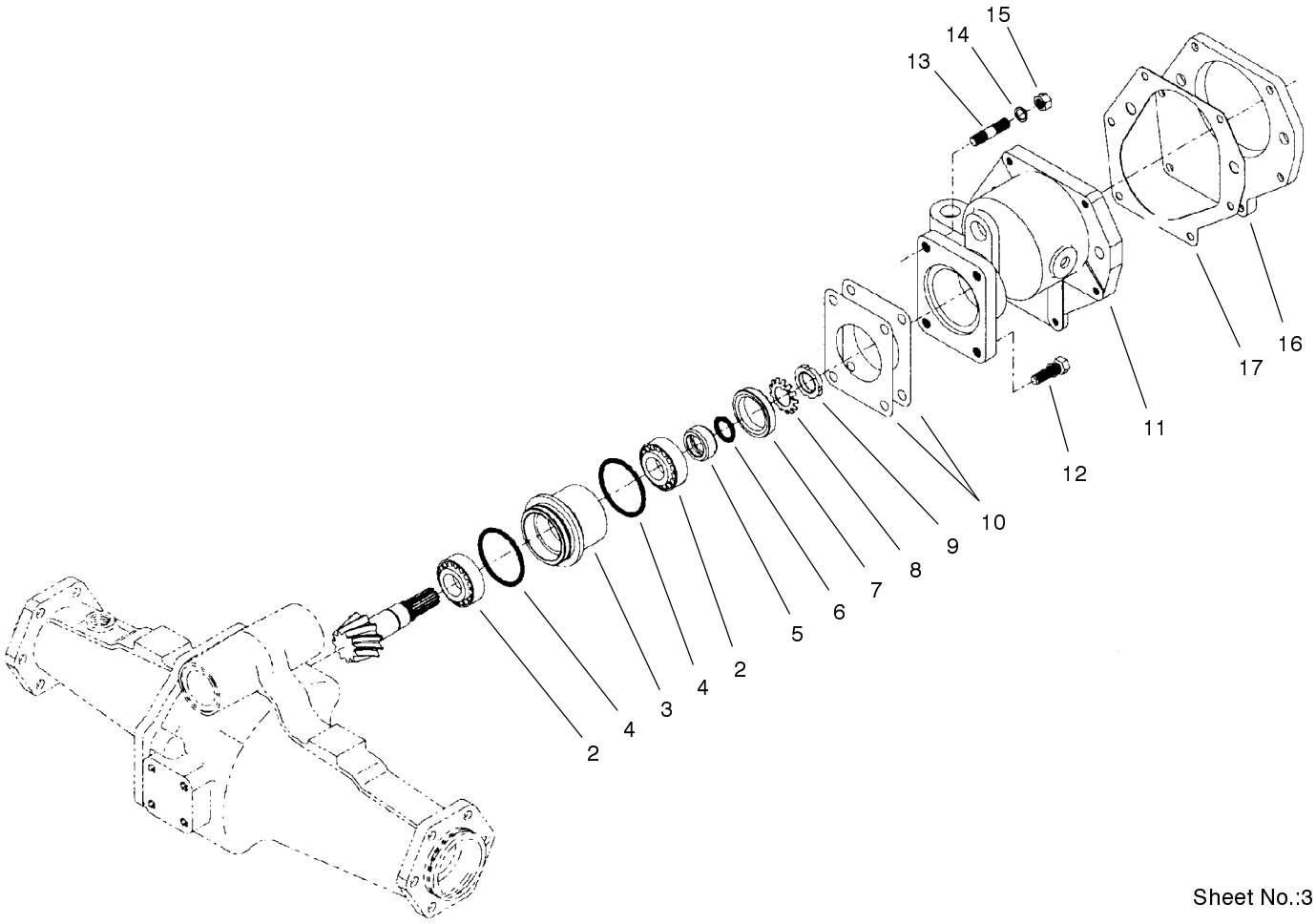


T – 1495 – 2

Hydraulic Schematic (Model No. 30455)



T-1496-2

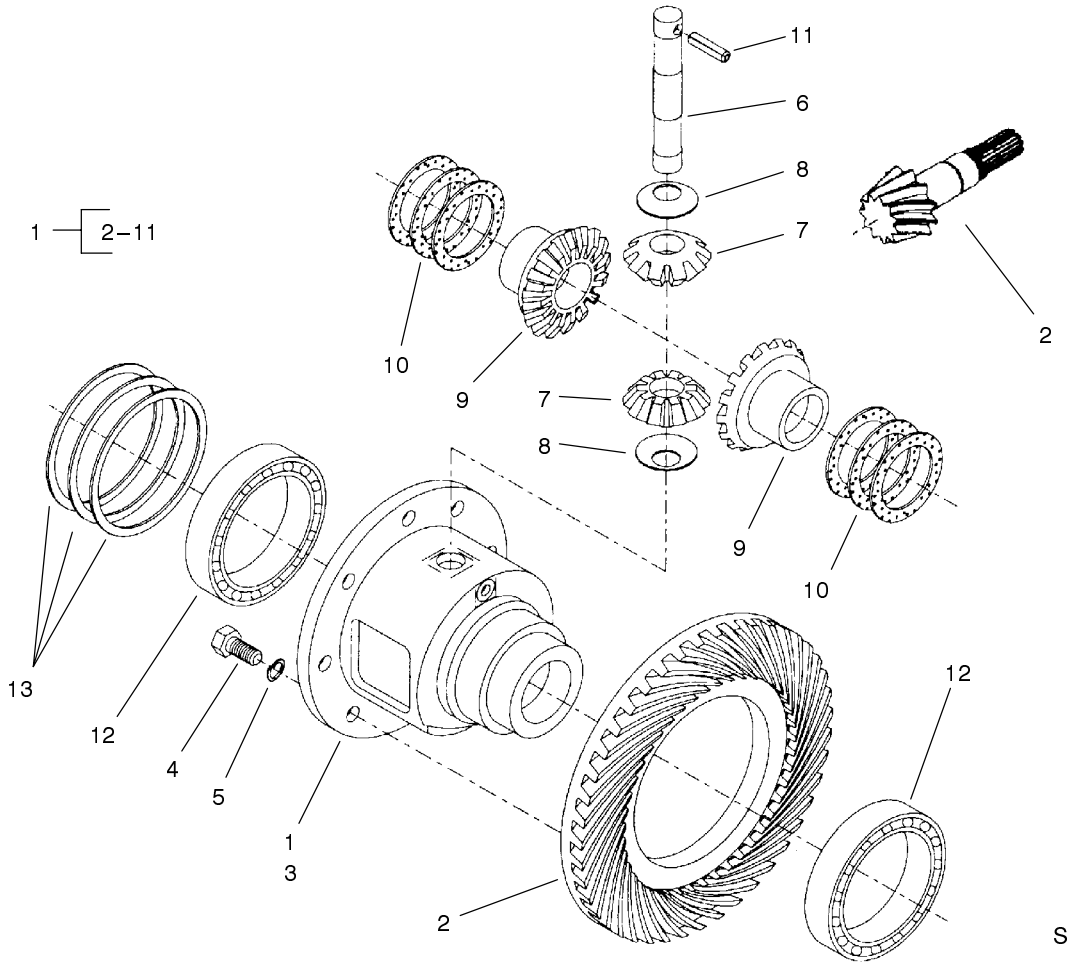


Sheet No.:3

Rear Axle Assembly No. 95–7500
Bevel Pinion Shaft Assembly

Ref. No.	Part No.	Qty.	Description
2	99-7570	2	Bearing-Taper Roller
3	95-7534	1	Case, Bearing
4	99-7571	2	O-Ring
5	99-7572	1	Collar-Oil Seal
6	99-7573	1	O-Ring
7	99-7574	1	Seal-Oil
8	99-7559	1	Washer-Lock
9	99-7560	1	Nut-Lock
10	99-7550	2	Shim 0.1
10	99-7551	2	Shim 0.2
11	95-7533	1	Case, Gear
12	99-7575	2	Bolt
13	100-2556	2	Stud
14	99-7527	2	Washer-Spring
15	99-7526	2	Nut
16	95-7541	1	Plate-Cover
17	95-7540	1	Gasket

Ref. No.	Part No.	Qty.	Description



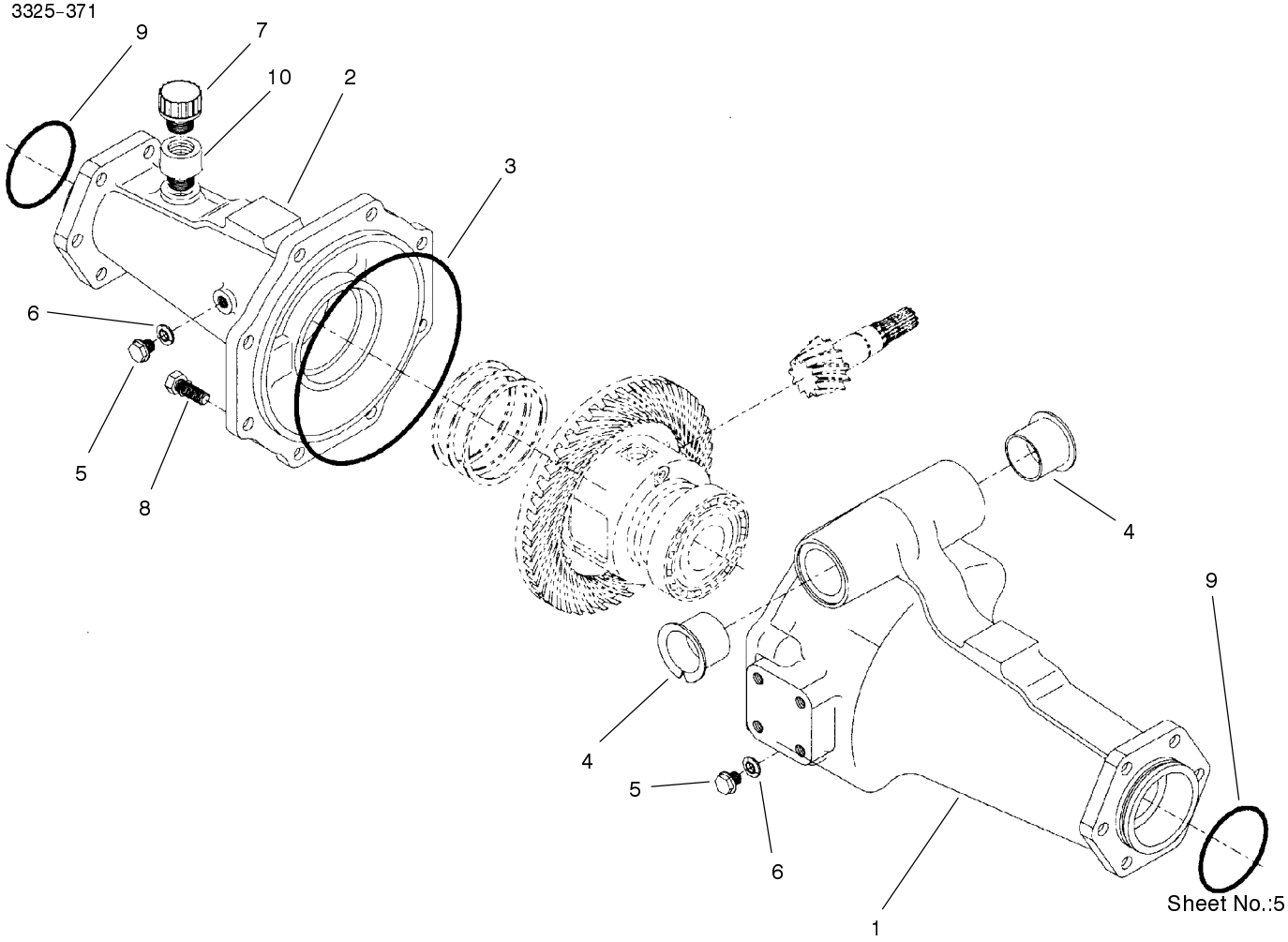
Sheet No.:4

T-3646

Rear Axle Assembly No. 95-7500 (Continued)
Differential Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7503	1	Differential ASM
2	100-2555	1	Ring And Pinion Matched Set
3	95-7502	1	Case-Differential
4	99-7576	8	Bolt
5	99-7577	8	Washer-Spring
6	99-7578	1	Shaft-Differential
7	99-7579	2	Pinion-Differential
8	99-7580	2	Washer-Differential
9	99-7581	2	Gear-Differential
10	99-7582	2	Washer-Differential
10	99-7583	2	Washer-Differential
10	99-7584	2	Washer-Differential
11	99-7588	1	Pin-Spring
12	99-7562	2	Bearing-Ball
13	99-7585	2	Shim 0.1
13	99-7586	2	Shim 0.2
13	99-7587	2	Shim 0.4

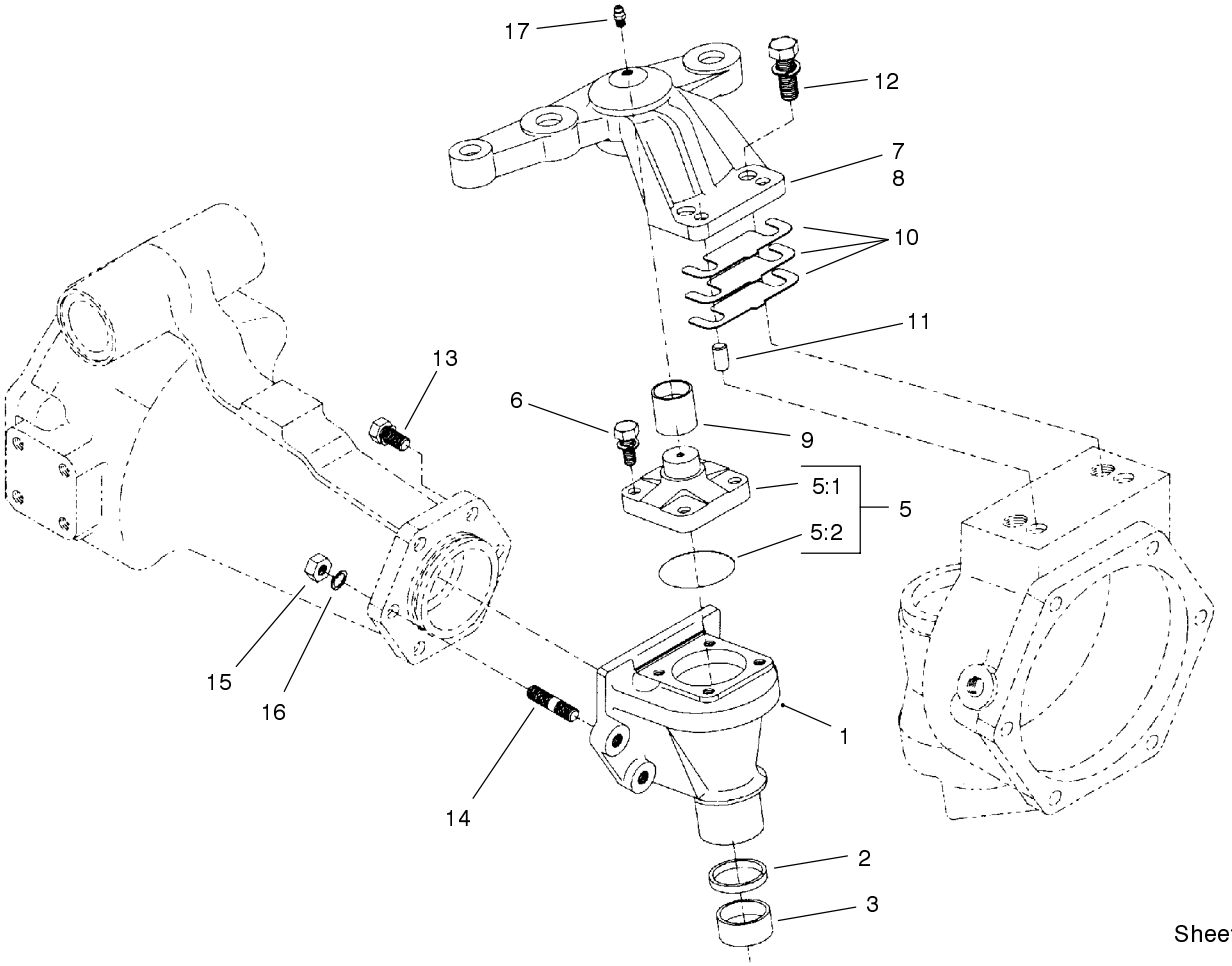
Ref. No.	Part No.	Qty.	Description



Rear Axle Assembly No. 95–7500 (Continued)
Axle Support Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7508	1	Support-Axle
2	95-7506	1	Support-Axle
3	95-7507	1	O-Ring
4	95-7537	2	Bushing-Flanged
5	99-7589	2	Plug
6	99-7590	2	Washer-Seal
7	99-7591	1	Oil Plug ASM
8	99-7592	8	Bolt
9	99-7593	2	O-Ring
10	104-2377	1	Extension, Vent

Ref. No.	Part No.	Qty.	Description

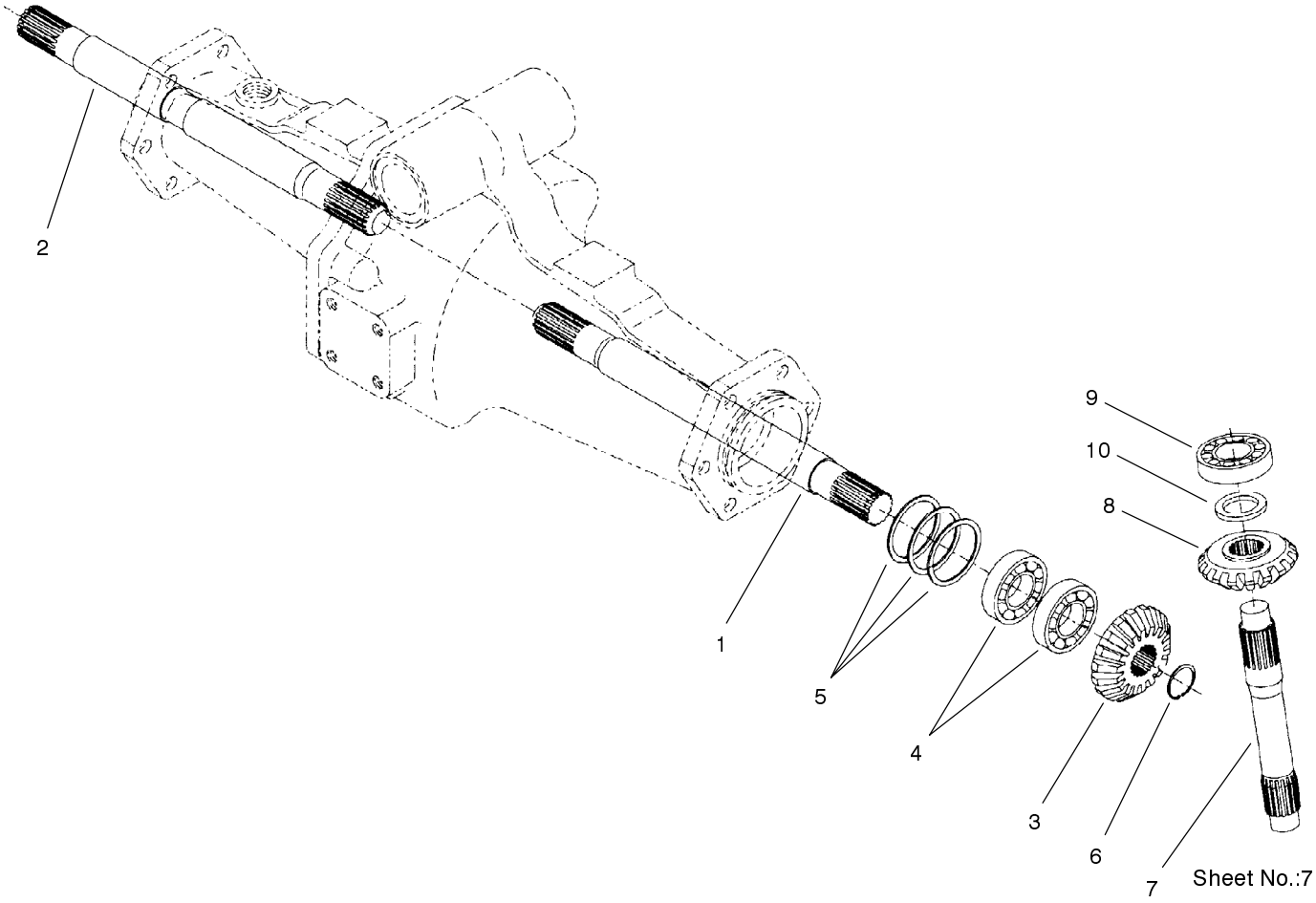


Sheet No.:6

Rear Axle Assembly No. 95–7500 (Continued)
Bevel Gear Case Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7538	2	Case-Bevel Gear
2	100-2557	2	Seal, Oil
3	104-2378	2	Bushing
5	104-2376	2	Knuckle ASM
5:1	104-2373	1	Knuckle
5:2	104-2372	1	O-Ring
6	104-2374	8	Bolt
7	95-7513	1	Support, Axle Case LH
8	95-7515	1	Support, Axle Case RH
9	99-7529	2	Bushing
10	95-7547	2	Shim 0.1
10	95-7548	2	Shim 0.2
10	95-7549	2	Shim 0.4
11	99-7597	4	Pin-Dowel
12	104-2375	4	Bolt
13	99-7599	8	Bolt
14	99-7525	4	Stud
15	99-7526	4	Nut
16	99-7527	4	Washer-Spring
17	99-7528	2	Nipple-Grease

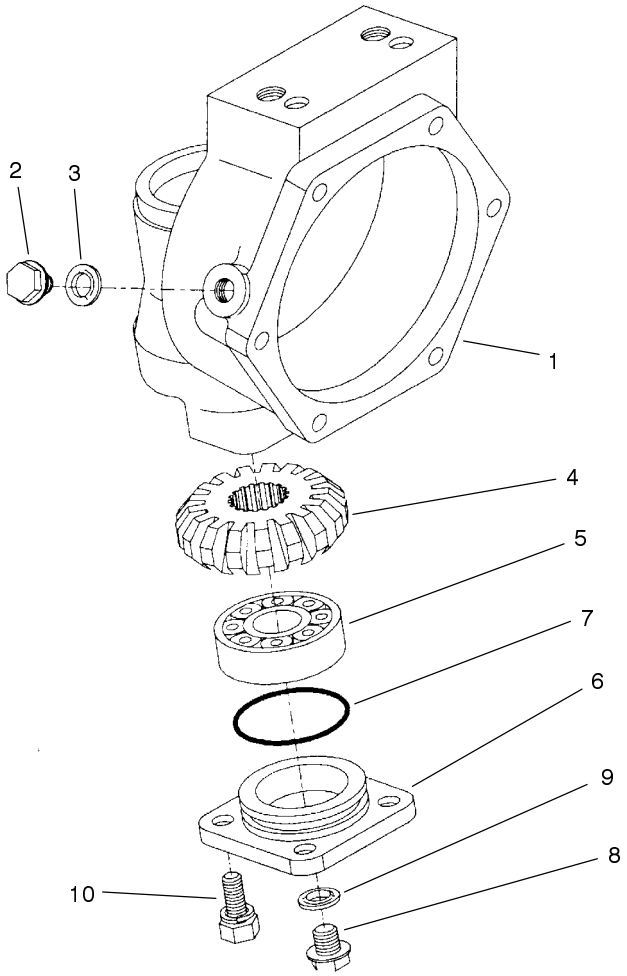
Ref. No.	Part No.	Qty.	Description



Rear Axle Assembly No. 95-7500 (Continued)
Bevel Gear Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7509	1	Shaft-Gear, Differential
2	95-7512	1	Shaft-Gear, Differential
3	95-7517	2	Gear, 15 Tooth Bevel
4	99-7530	4	Bearing-Ball
5	99-7552	2	Shim 0.1
5	99-7553	2	Shim 0.2
5	99-7554	2	Shim 0.5
6	99-7531	2	Clip
7	95-7529	2	Shaft, Bevel Gear
8	95-7519	2	Gear, 17 Tooth Bevel
9	99-7532	2	Bearing-Taper Roller
10	99-7558	2	Collar

Ref. No.	Part No.	Qty.	Description

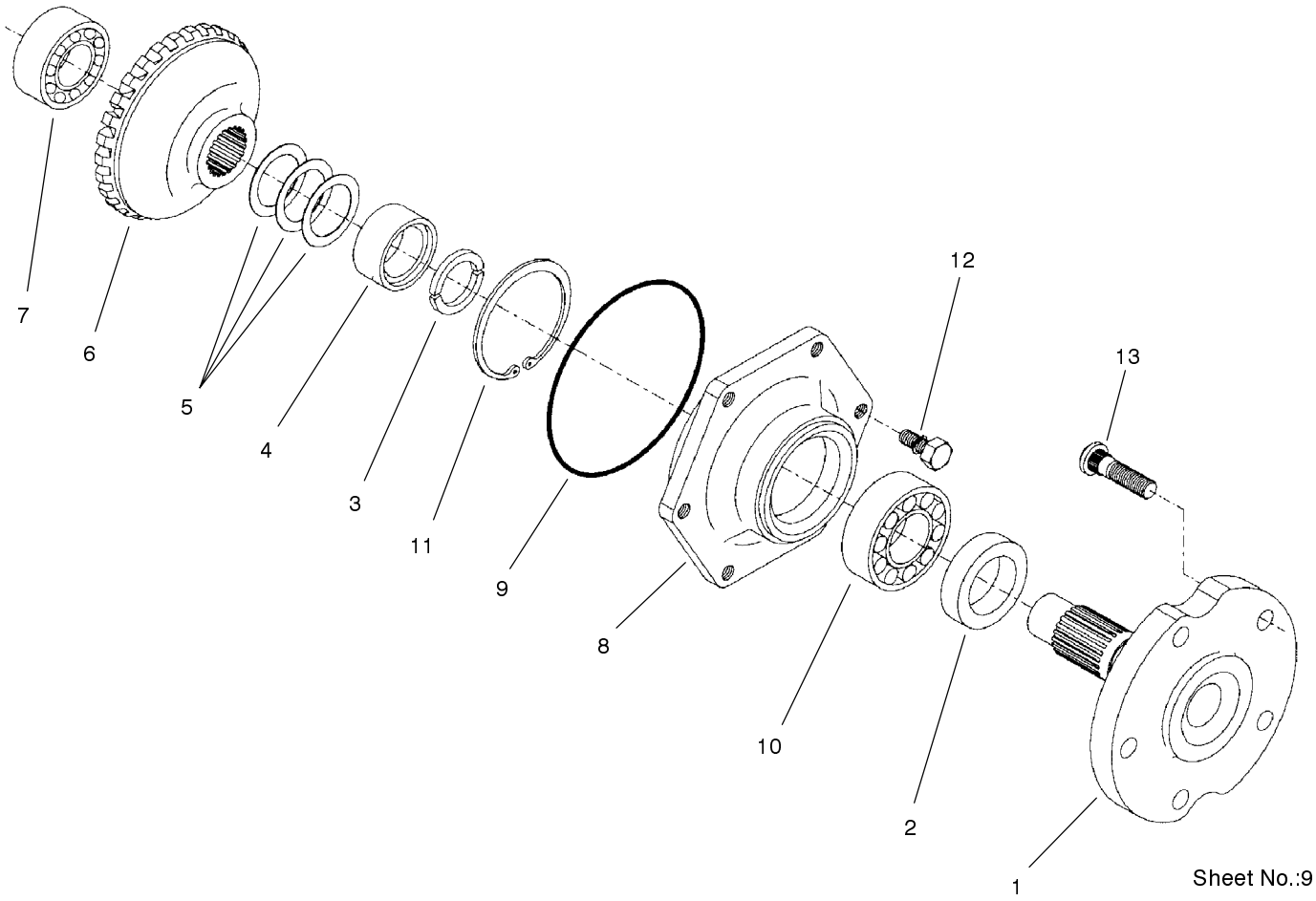


Sheet No.:8

Rear Axle Assembly No. 95–7500 (Continued)
Axle Case Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7531	2	Case, Axle
2	99-7535	2	Plug
3	99-7536	2	Washer-Seal
4	95-7527	2	Gear, 17 Tooth Bevel
5	99-7532	2	Bearing-Taper Roller
6	100-2560	2	Cover
7	100-2561	2	O-Ring
8	99-7589	2	Plug
9	99-7590	2	Washer-Seal
10	100-2562	8	Bolt

Ref. No.	Part No.	Qty.	Description

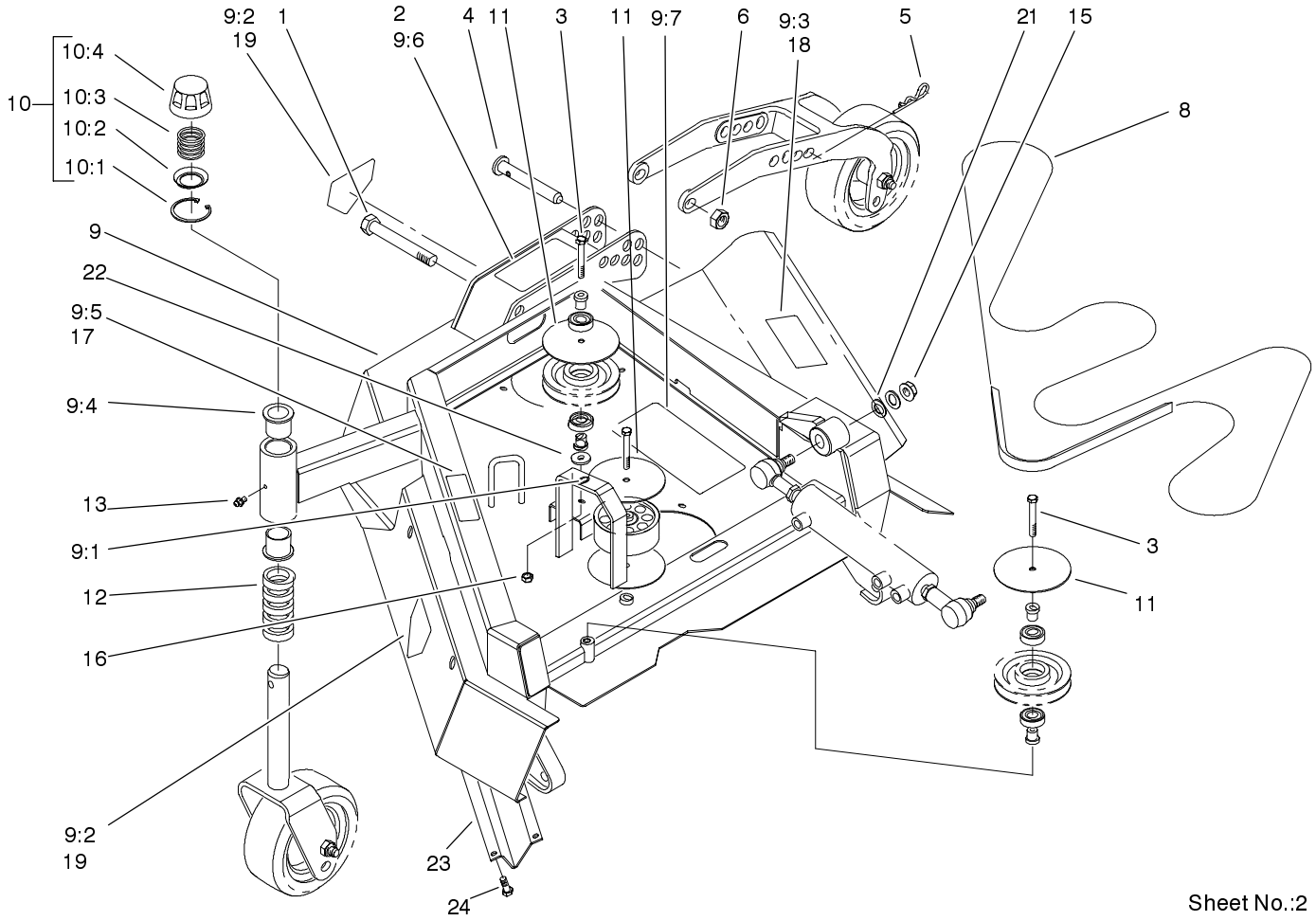


Sheet No.:9

Rear Axle Assembly No. 95–7500 (Continued)
Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7522	2	Axle
2	99-7564	2	Seal-Oil
3	95-7544	4	Clip
4	95-7523	2	Spacer
5	99-7555	2	Shim 0.3
5	99-7556	2	Shim 0.2
5	99-7557	2	Shim 0.5
6	95-7524	2	Gear, 29 Tooth Bevel
7	99-7534	2	Bearing-Ball
8	95-7521	2	Cover-Axle
9	99-7538	2	O-Ring
10	99-7561	2	Bearing-Ball
11	99-7539	2	Clip
12	99-7596	12	Bolt
13	99-7563	10	Stud

Ref. No.	Part No.	Qty.	Description

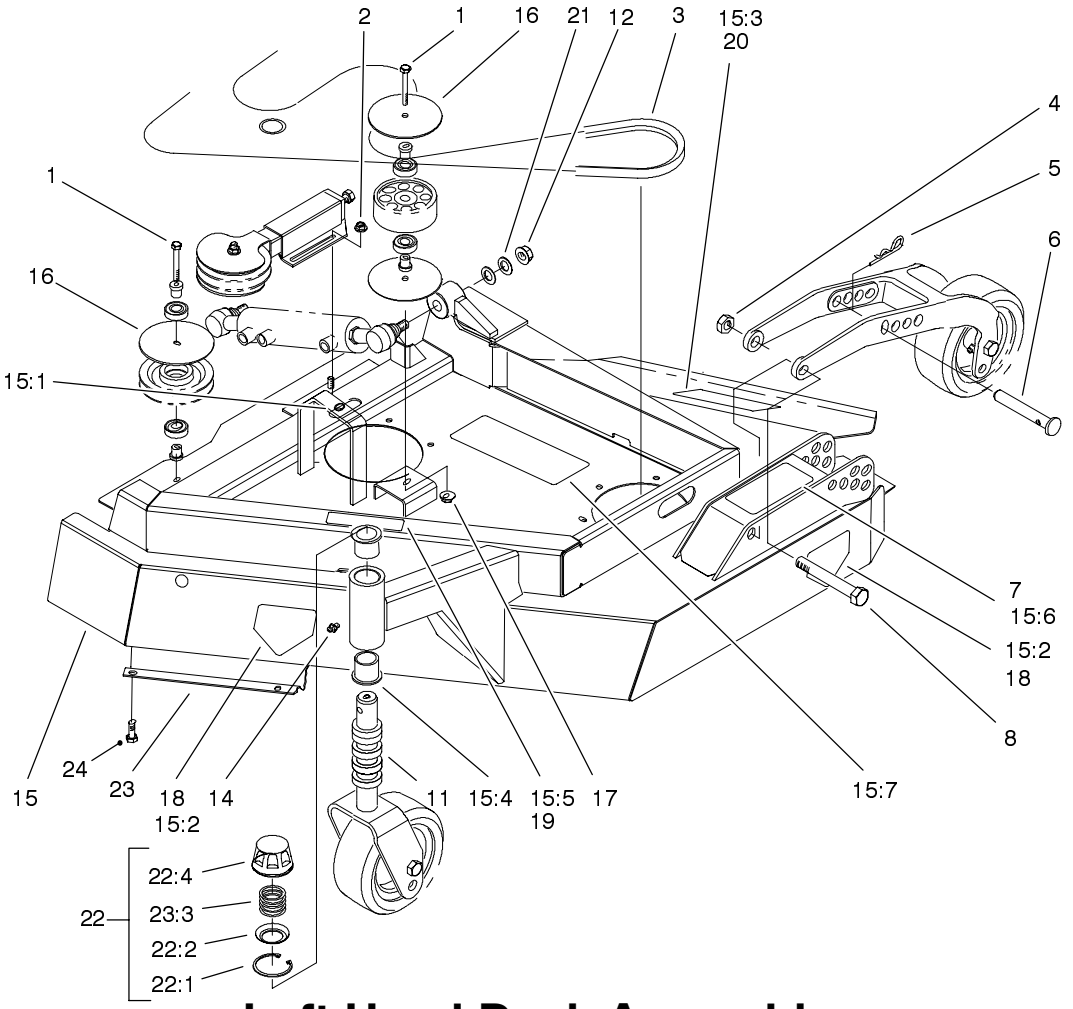


Sheet No.:2

Right Hand Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	3216-6	1	Screw-HH
2	93-9413	1	Decal-HOC, Wing, RH
3	323-13	3	Screw-HH
4	86-2010	1	Pin-HOC
5	3290-256	1	Pin-Cotter, Hair
6	3296-15	1	Nut-Lock NI
8	100-2588	1	V-Belt, B-Section
9	92-7758	1	RH Wing Deck ASM
9:1	32148-10	1	Insert-Threaded
9:2	43-8480	2	Decal-Danger
9:3	66-1340	1	Decal-Danger
9:4	69-6470	2	Bushing-Castor
9:5	85-6410	1	Decal-Danger
9:6	86-0700	1	Decal-HOC, RH Wing
9:7	86-0760	1	Decal-Belt, RH
10	92-9727	1	HOC Cap ASM
10:1	92-5581	1	Ring-Retaining
10:2	92-5583	1	Washer-Cap
10:3	92-9726	1	Spring - Compression
10:4	92-8861	1	Cap-HOC
11	86-2600-01	4	Washer-Guide, Belt
12	69-1510	5	Spacer-Castor
13	302-5	1	Fitting-Grease
15	32128-54	1	Nut-Flange
16	32128-29	1	Locknut-Flange
17	93-7814	1	Decal-Danger, Int'l

Ref. No.	Part No.	Qty.	Description
18	93-7824	1	Decal-Danger Int'l
19	93-7815	2	Decal-Danger, Int'l
21	86-1440	2	Washer-Flat
22	3256-35	1	Washer-Flat
23	93-7208-01	1	Shield-Deck, Wing
24	32144-11	10	Screw-TAP

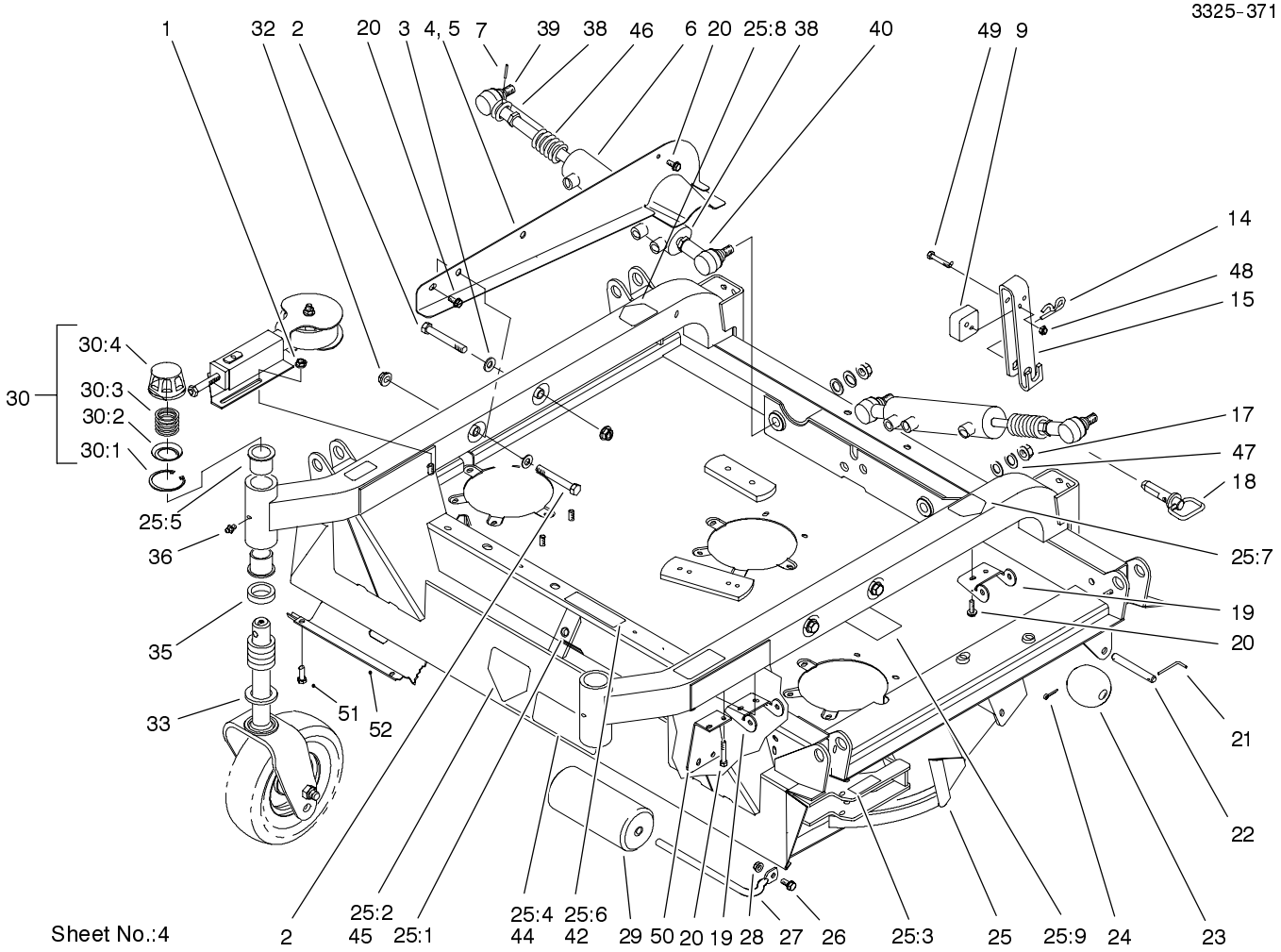


Sheet No.:3

Left Hand Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	323-13	2	Screw-HH
2	32128-19	2	Nut-HF
3	100-2588	1	V-Belt, B-Section
4	3296-15	1	Nut-Lock NI
5	3290-256	1	Pin-Cotter, Hair
6	86-2010	1	Pin-HOC
7	93-9412	1	Decal-HOC, Wing, LH
8	3216-6	1	Screw-HH
11	69-1510	5	Spacer-Castor
12	32128-54	1	Nut-Flange
14	302-5	1	Fitting-Grease
15	92-7756	1	LH Wing Deck ASM
15:1	32148-10	1	Insert-Threaded
15:2	43-8480	2	Decal-Danger
15:3	66-1340	1	Decal-Danger
15:4	69-6470	2	Bushing-Castor
15:5	85-6410	1	Decal-Danger
15:6	86-0710	1	Decal-HOC, LH Wing
15:7	86-0750	1	Decal-Belt, LH
16	86-2600-01	3	Washer-Guide, Belt
17	32128-29	1	Locknut-Flange
18	93-7815	2	Decal-Danger, Int'l
19	93-7814	1	Decal-Danger, Int'l
20	93-7824	1	Decal-Danger Int'l
21	86-1440	2	Washer-Flat
22	92-9727	1	HOC Cap ASM

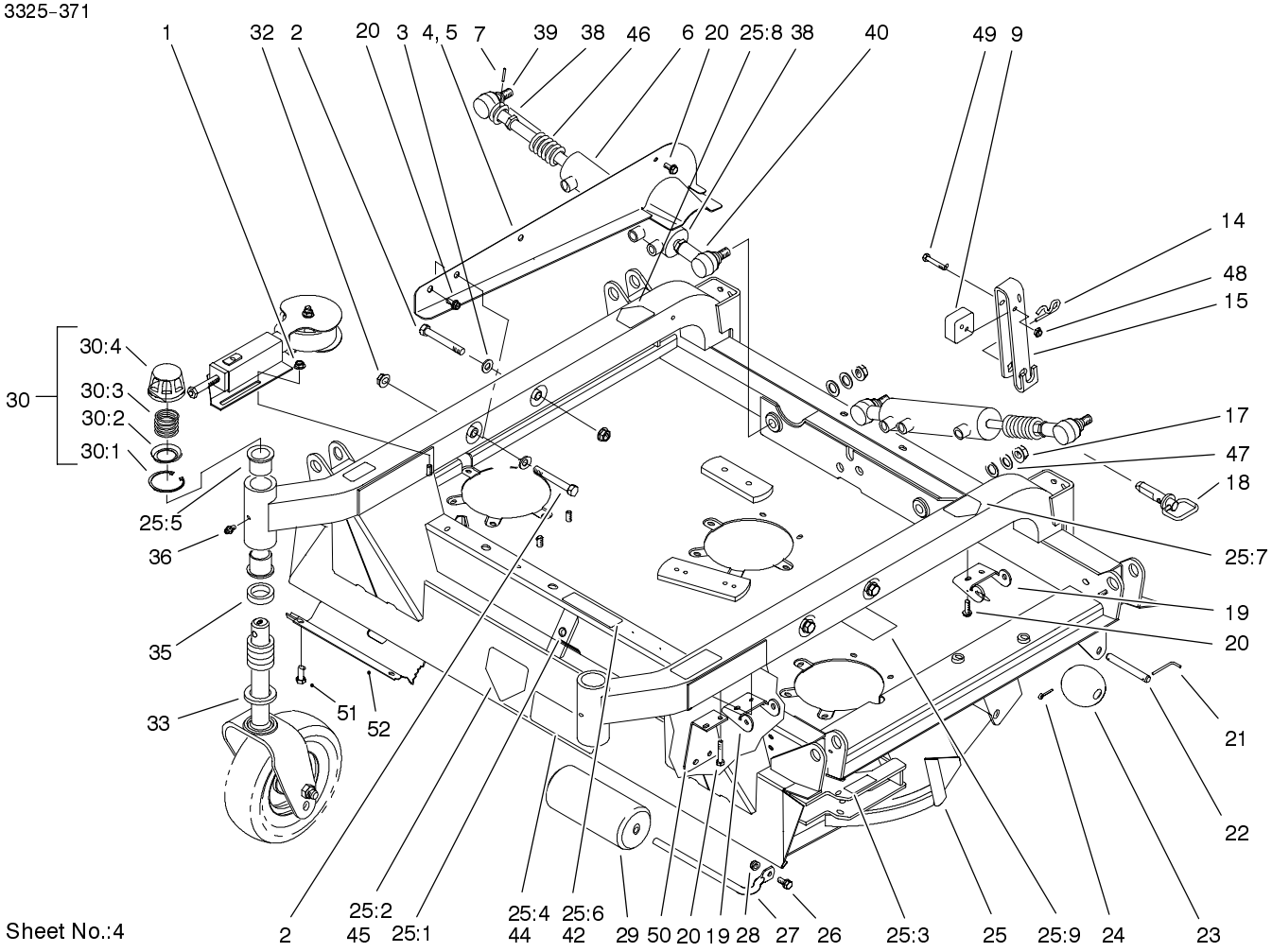
Ref. No.	Part No.	Qty.	Description
22:1	92-5581	1	Ring-Retaining
22:2	92-5583	1	Washer-Cap
22:3	92-9726	1	Spring - Compression
22:4	92-8861	1	Cap-HOC
23	93-7208-01	1	Shield-Deck, Wing
24	32144-11	10	Screw-TAP



Center Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	32128-19	2	Nut-HF
2	325-35	4	Screw-HH
3	3256-26	4	Washer-Flat
4	86-2230-01	1	Guide-Cover, RH
5	86-2260-01	1	Guide-Cover, LH
6	86-2190	2	Cylinder-Lift, Wing
7	32121-51	2	Pin-Roll
9	94-8008	2	Plate - Wear
14	3290-256	2	Pin-Cotter, Hair
15	94-8009-01	2	Strap - Deck, HOC
17	32128-54	2	Nut-Flange
18	86-2390	2	Pin
19	86-1890-03	4	Hinge
20	32144-26	12	Screw-Flow
21	57-0690	2	Pin-Special
22	57-0680	2	Shaft-Roller
23	29-4820	2	Roller
24	3272-11	2	Pin-Cotter
25	92-7757	1	Center Deck ASM
25:1	32148-10	1	Insert-Threaded
25:2	43-8480	1	Decal-Danger
25:3	55-4300	2	Decal
25:4	68-8340	1	Decal-Torque, Blade Bolt
25:5	69-6470	4	Bushing-Castor
25:6	85-6410	1	Decal-Danger

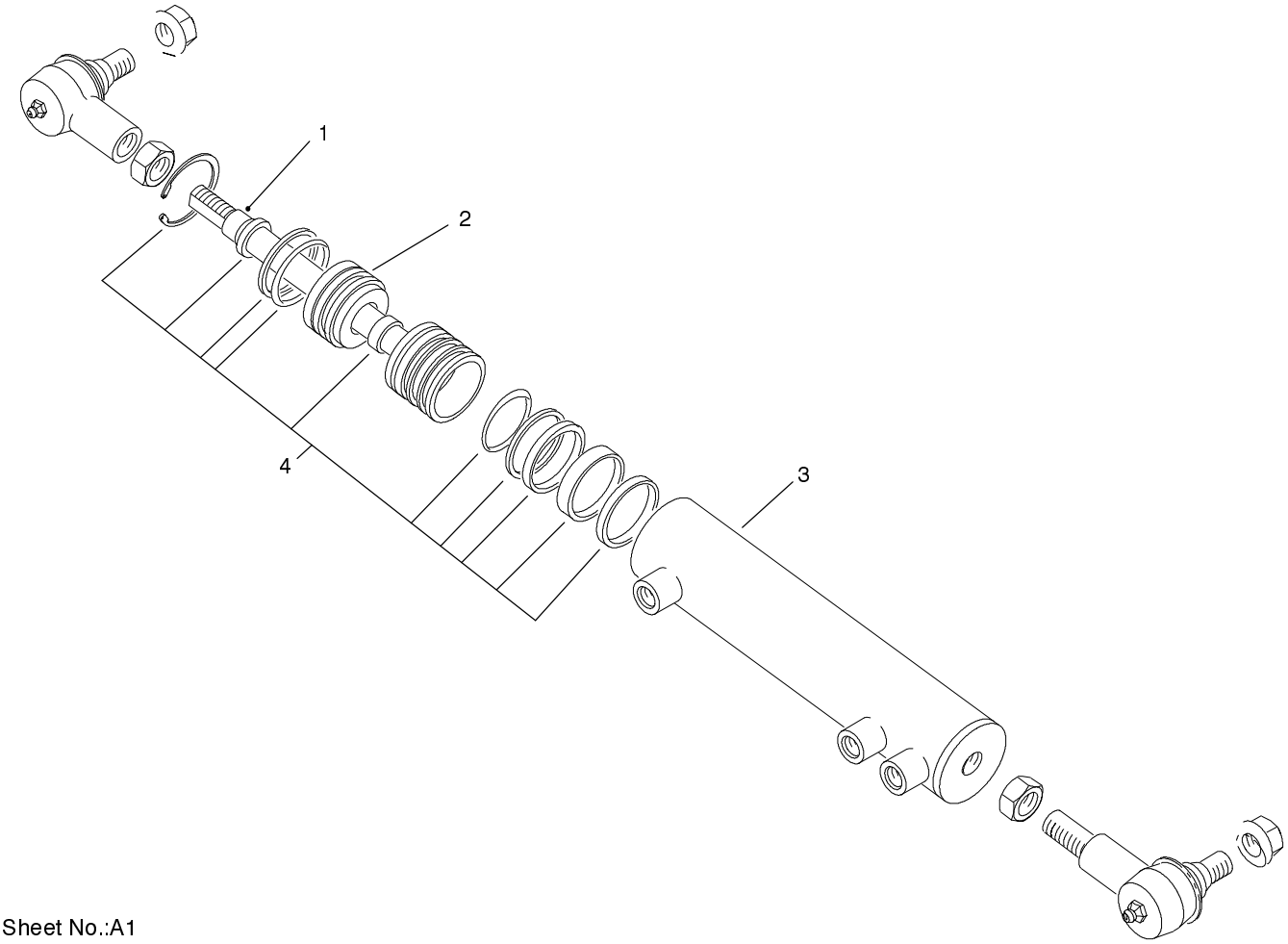
Ref. No.	Part No.	Qty.	Description
25:7	86-0720	1	Decal-HOC, LH Center
25:8	86-0730	1	Decal-HOC, RH Center
25:9	86-0740	1	Decal-Center, Belt
26	3234-1	1	Screw-HHF
27	68-6840	1	Shaft-Roller
28	32128-21	1	Nut-HF
29	68-6710	1	Roller
30	92-9727	2	HOC Cap ASM
30:1	92-5581	1	Ring-Retaining
30:2	92-5583	1	Washer-Cap
30:3	92-9726	1	Spring - Compression
30:4	92-8861	1	Cap-HOC
32	32128-23	4	Nut-HF
33	77-0950	2	Washer-Castor
35	69-1510	10	Spacer-Castor
36	302-5	2	Fitting-Grease
38	84-5300	4	Nut-Jam
39	92-5810-03	2	Female Rod End ASM
40	92-5811-03	2	Male Rod End ASM
42	93-7814	1	Decal-Danger, Int'l
44	93-7818	1	Decal-Torque, Blade
45	93-7815	1	Decal-Danger, Int'l
46	86-2510-01	2	Spring - Comp, Lift
47	86-1440	4	Washer-Flat



Center Deck Assembly

Ref. No.	Part No.	Qty.	Description
48	3296-29	4	Nut-Lock
49	322-21	4	Screw-HH
50	94-8020-03	2	Shield-Harness, Wire
51	32144-11	14	Screw-TAP
52	93-7207-01	1	Shield-Deck, Center

Ref. No.	Part No.	Qty.	Description

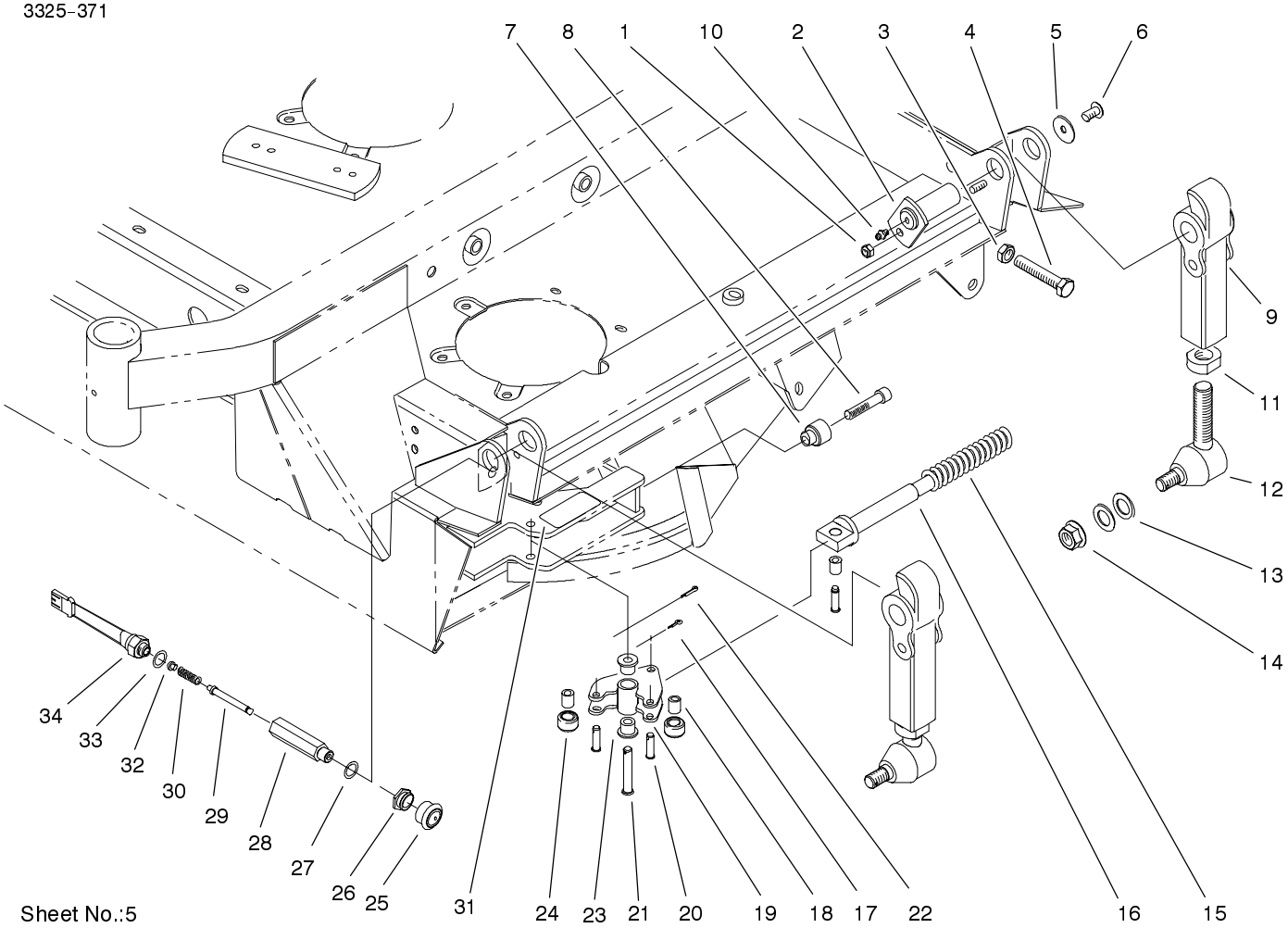


Sheet No.:A1

Hydraulic Cylinder Assembly No. 86-2190

Ref. No.	Part No.	Qty.	Description
1	92-0603	1	Rod/Piston
2	92-0604	1	Head-Ring, Snap
3	92-0602	1	Barrel ASM
4	92-0600	1	Kit-Seal

Ref. No.	Part No.	Qty.	Description

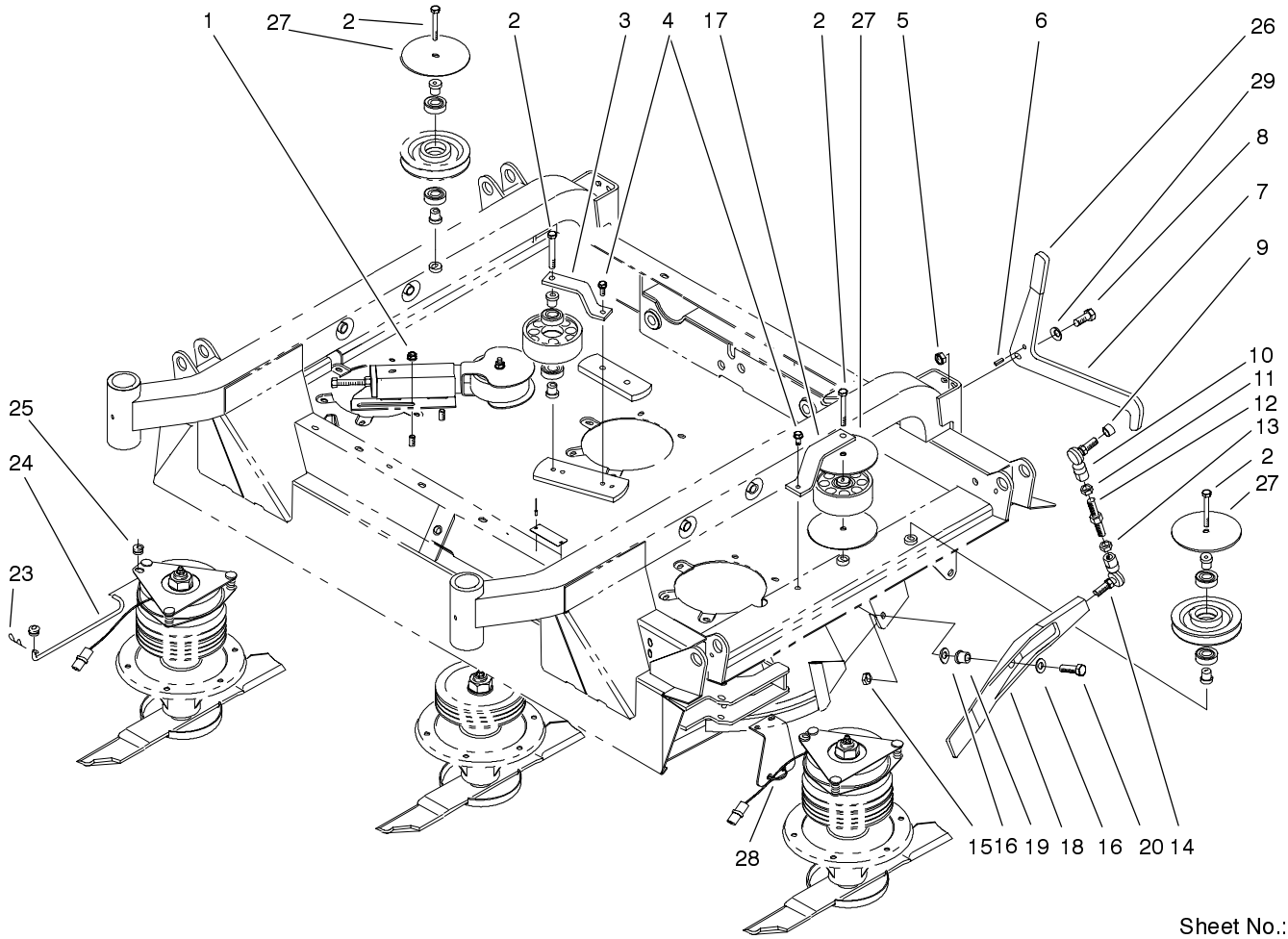


Sheet No.:5

Deck Breakaway Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-29	4	Nut-Lock
2	84-1350	4	Pin-Pivot
3	3218-18	2	Nut-Jam
4	60-9870	2	Screw
5	53-6380	4	Washer
6	323-4	4	Screw-HH
7	92-4036	2	Cap - Rod
8	92-4037	2	Capscrew-HSH
9	84-0800-01	4	Arm-Pivot
10	302-5	4	Fitting-Grease
11	86-2070	4	Nut
12	86-2080-01	4	Joint-Ball
13	86-1440	8	Washer-Flat
14	32128-54	4	Nut-Flange
15	86-2560-01	2	Spring-Comp
16	86-2650	2	Spring-Support
17	3272-5	6	Pin-Cotter
18	86-2090	6	Bushing-Pm
19	86-2150	2	Lock
20	283-61	6	Pin-Yoke
21	86-2130	2	Pin-Clevis
22	3272-9	2	Pin-Cotter
23	86-2180	4	Bushing-Flange, Pm
24	86-2120	4	Roller-Lock
25	94-8031	2	Boot - Switch
26	94-8029	2	Nut - Special

Ref. No.	Part No.	Qty.	Description
27	237-7	2	O-Ring
28	94-8023	2	Guide-Pin, Switch
29	94-8024	2	Plunger - Switch
30	43-8600	2	Spring-Compression
31	93-6674	2	Decal - Warning
32	43-8610	2	Guide
33	237-42	2	O-Ring
34	72-4320	2	Switch

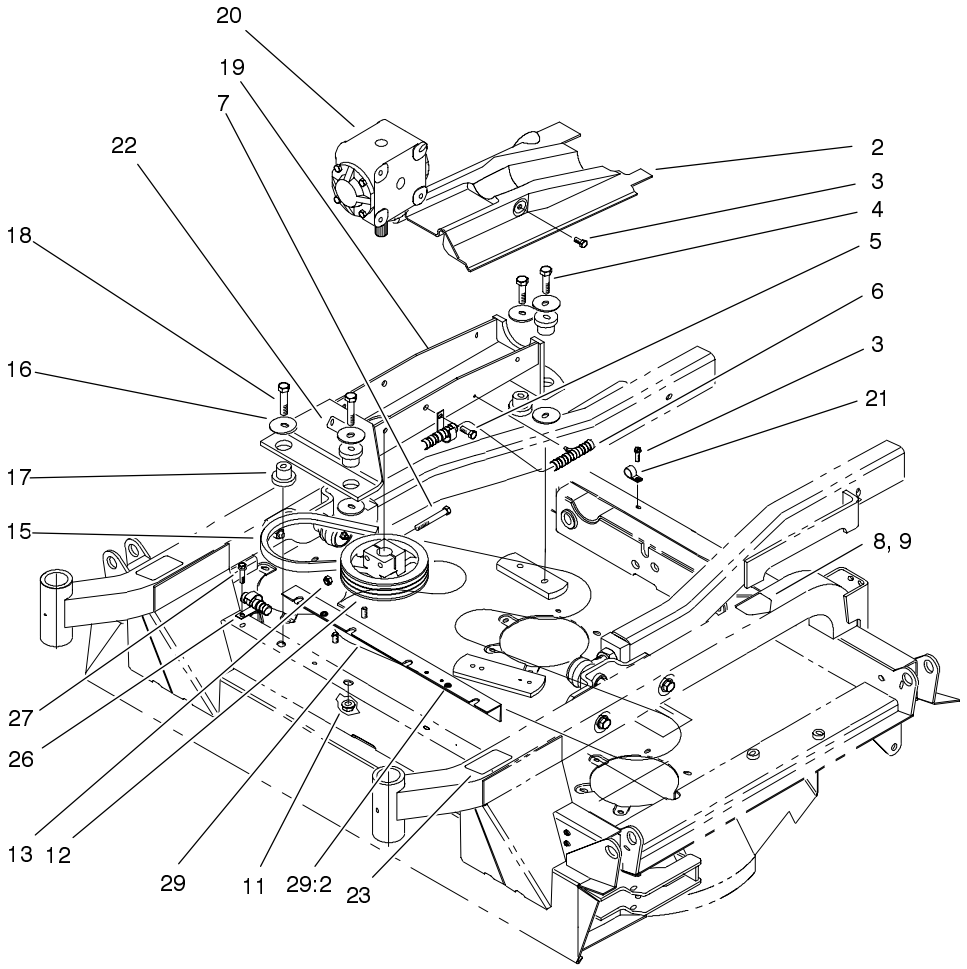


Sheet No.:6

Trap Door Assembly

Ref. No.	Part No.	Qty.	Description
1	32128-19	2	Nut-HF
2	323-13	4	Screw-HH
3	86-1820-01	1	Bracket-Pulley
4	32144-70	2	Screw-HH
5	3296-25	2	Nut-Lock NI
6	32121-11	2	Pin-Roll
7	86-2400-01	2	Latch-Arm
8	325-5	2	Screw-HH
9	86-1560	2	Spacer-Cylinder, Lift
10	86-1490	2	End-Rod, LH Thread
11	3220-12	2	Nut-Jam, LH Thread
12	86-1570	2	Rod-Threaded
13	3220-5-01	2	Nut-Hex, Jam
14	86-1550	2	End-Rod, RH Thread
15	3296-25	2	Nut-Lock NI
16	3256-26	4	Washer-Flat
17	92-7766-01	1	Bracket - Pulley
18	92-4033-01	2	Trap-Door
19	256-243	2	Bearing-Flange
20	325-7	2	Screw-HH
23	3290-467	2	Pin-Hair
24	86-2590	2	Rod-Clutch
25	237-141	4	Grommet-Rubber
26	48-7081	2	Grip-Plastic
27	86-2600-01	4	Washer-Guide, Belt

Ref. No.	Part No.	Qty.	Description
28	3290-378	2	Tie-Cable
29	3290-483	2	Washer



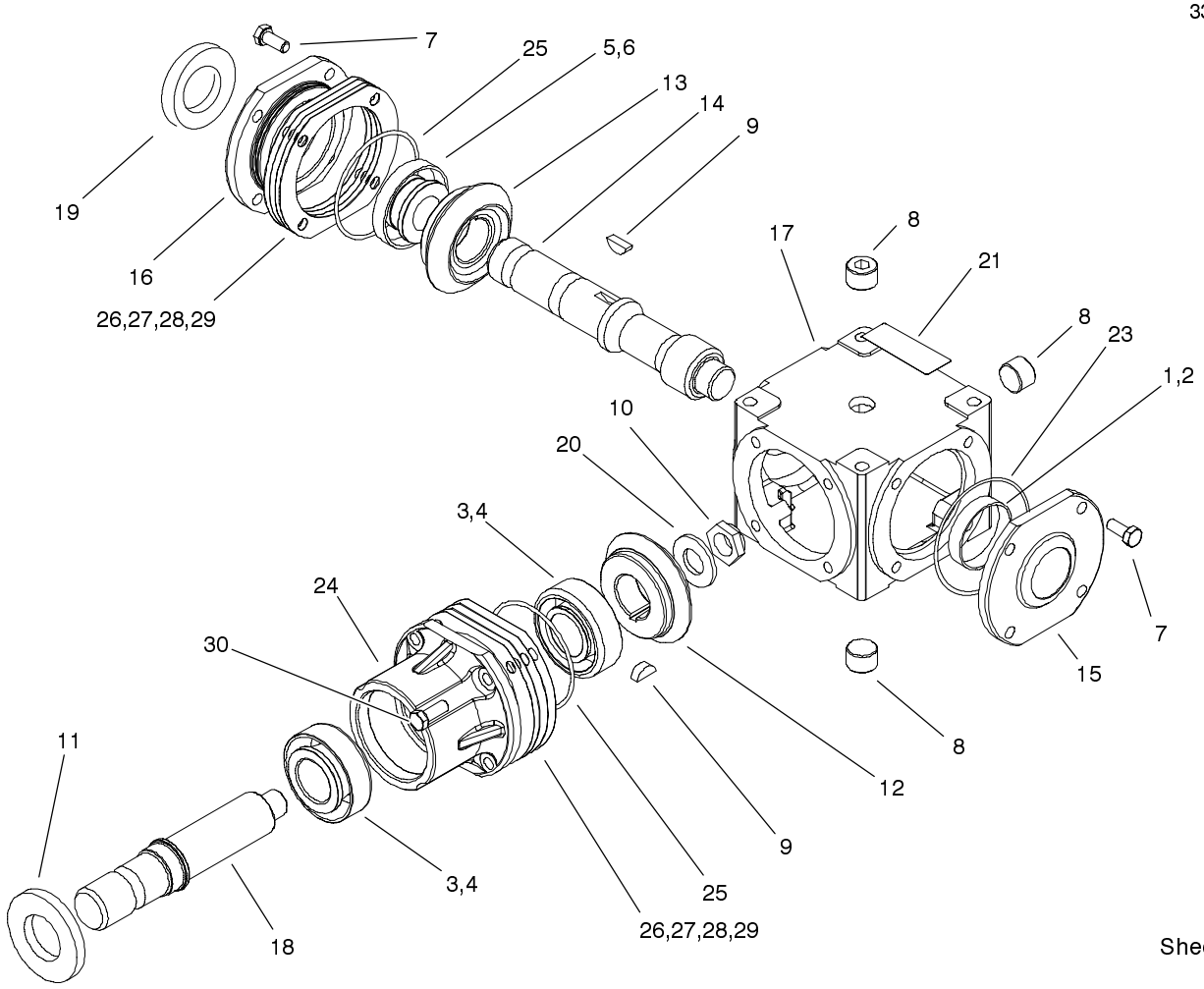
Sheet No.:7

Drive Assembly

Ref. No.	Part No.	Qty.	Description
2	86-1830	1	Cover-Driveshaft
3	32144-70	3	Screw-HH
4	325-7	2	Screw-HH
5	3234-1	4	Screw-HHF
6	95-4375	1	Harness - Wire, Deck
7	323-14	2	Screw-HH
8	93-9410	1	Decal-HOC,Center,RH
9	93-9411	1	Decal-HOC,Center,LH
11	32128-23	2	Nut-HF
*12	86-3100-03	1	Pulley-Gearbox
12	86-1410-03	1	Pulley-Gearbox
13	3296-39	2	Nut-Lock, NI
15	86-1970	1	V-Belt
16	86-1990	6	Washer
17	84-1550	4	Mount-Rubber
18	325-9	2	Screw-HH
19	86-2020-01	1	Support-Gearbox
20	100-2585	1	Gearbox
21	2412-138	1	R-Clamp
22	70-2560	1	Decal - Oil
22	93-6697	1	Decal - Lube
23	93-9421	1	Decal - HOC
23	86-0780	1	Decal-HOC
26	2412-150	1	J-Clip
27	3234-1	2	Screw-HHF

Ref. No.	Part No.	Qty.	Description
29	100-2591	1	Shield ASM
29:2	32148-9	2	Nut-Insert

* Not illustrated

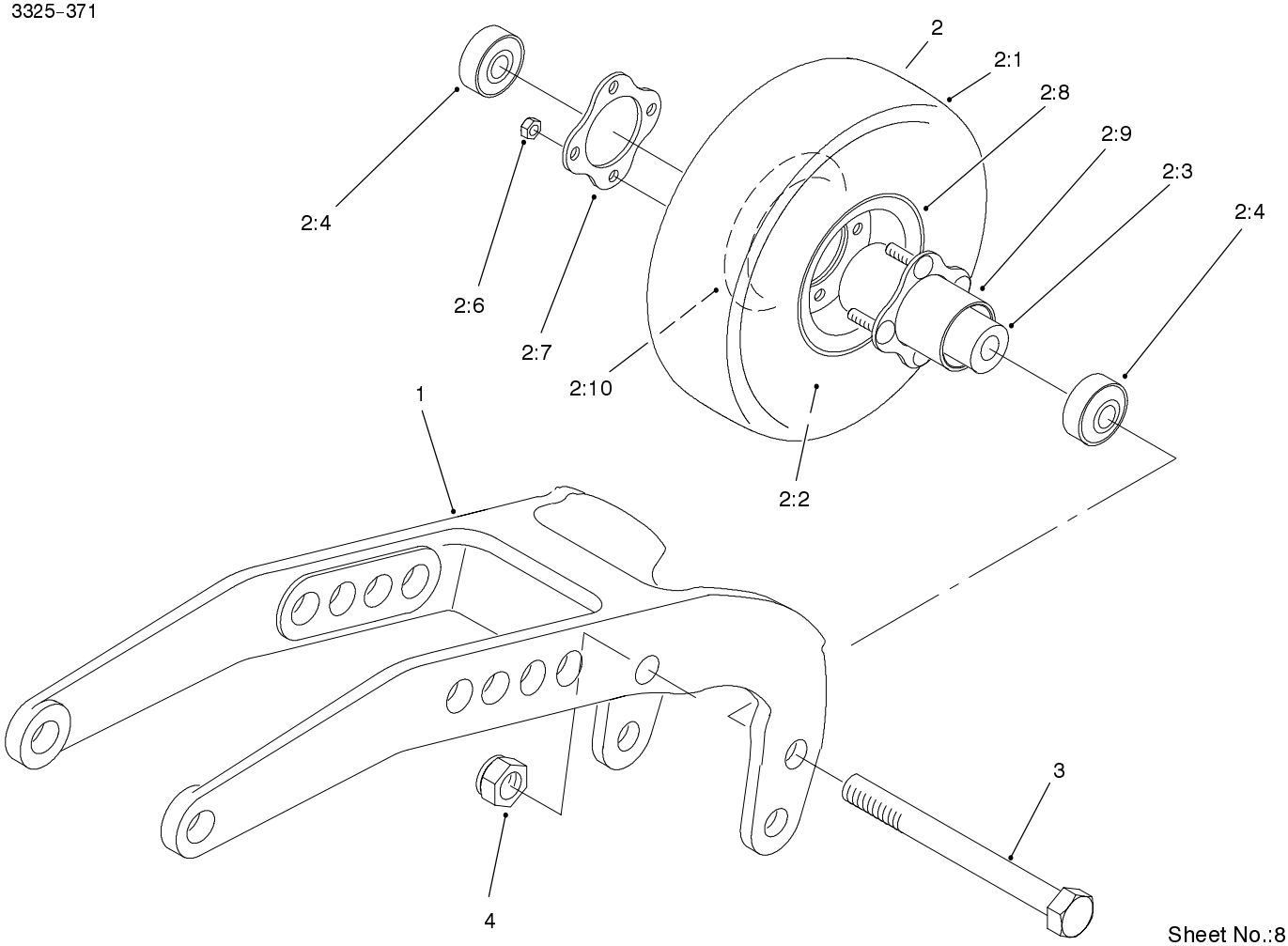


Sheet No.:A2

T-3570

Gearbox Assembly No. 100-2585

Ref. No.	Part No.	Qty.	Description
1	100-4571	1	Cup - Bearing
2	100-4572	1	Cone - Bearing
3	104-2359	2	Bearing-Cup
4	104-2360	2	Bearing-Cone
5	100-5817	1	Cup - Bearing
6	104-2358	1	Bearing-Cone
7	100-5818	8	Screw-HH
8	100-5812	3	Plug
9	100-4580	2	Key - Woodruff
10	100-1391	2	Nut - Lock
11	104-2361	1	Seal
12	104-2367	1	Gear, RH
13	104-2368	1	Gear, LH
14	104-2362	1	Shaft-Input
15	100-9984	1	End Cap, Closed
16	104-2357	1	Cap, Open End
17	100-5826	1	Case
18	104-2363	1	Shaft-Output
19	104-2364	1	Seal
20	100-5824	2	Washer
22	100-4584	1	Cover - Transparent
23	100-5847	1	O-Ring
24	104-2365	1	Housing-Pinion
25	100-5848	2	O-Ring
26	100-1394	3	Shim - Green, (.003)
27	100-7758	3	Shim - Blue
28	100-1396	3	Shim - Brown, (.010)
29	100-7760	3	Shim - Yellow
30	104-2366	4	Screw

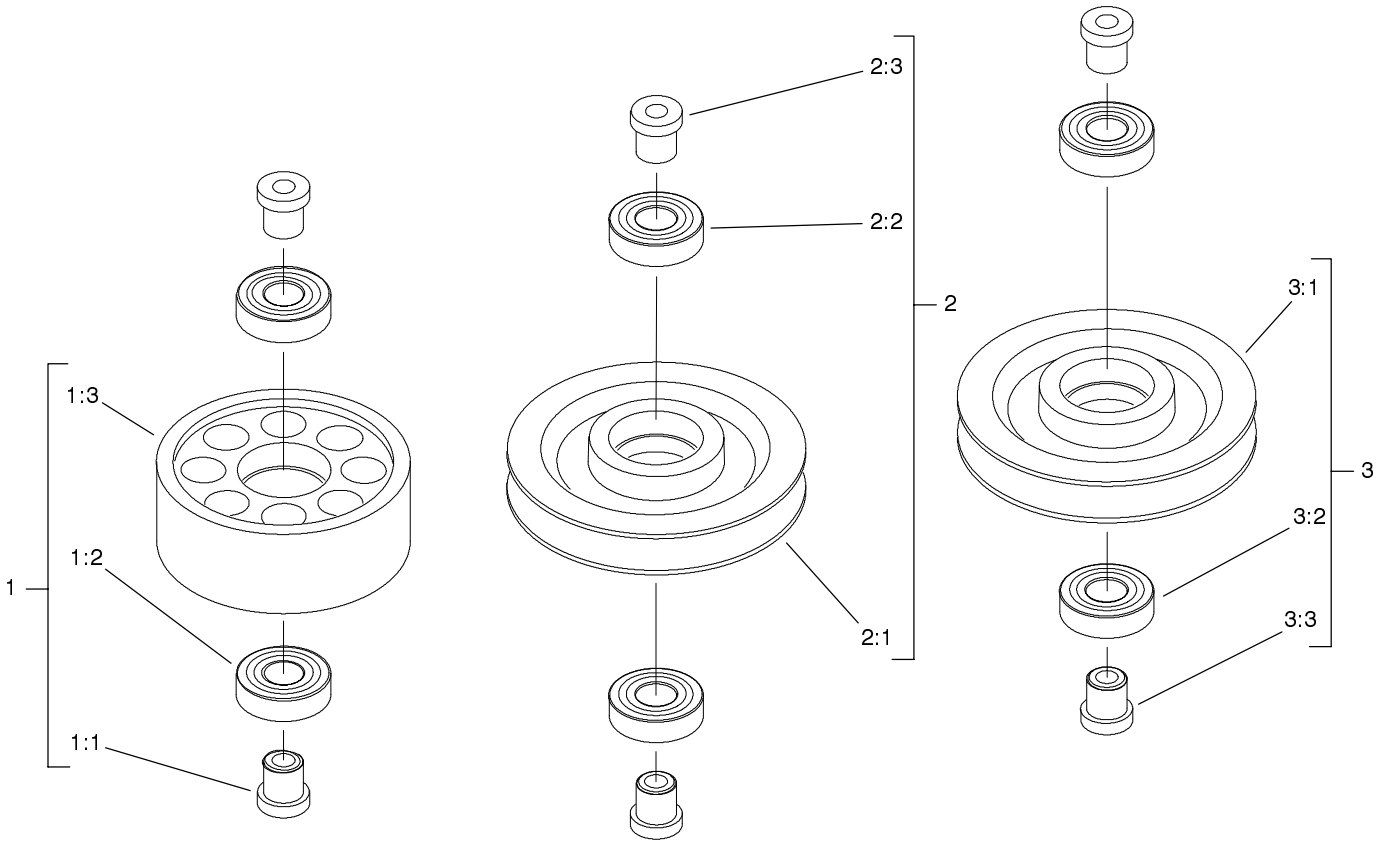


Sheet No.:8

Rear Castor Assembly

Ref. No.	Part No.	Qty.	Description
1	75-9790-01	2	Arm-Pivot
2	93-9938	2	Wheel ASM
2	93-5974	2	Wheel-8” Castor, Foam Fil
2:1	93-9939	2	Tire
2:2	68-8950	1	Tube w/Valve
2:3	93-4241	1	Spacer - Bearing, Inner
2:4	93-4237	2	Bearing
2:6	32128-16	4	Nut-HHF
2:7	93-4242	1	Plate
2:8	93-4239	1	Rim-Wheel, Half
2:9	93-5980	1	Hub
2:10	95-2741	1	Rim-Wheel, Half (w/ Valve Stem Hole)
3	327-24	2	Screw-HH
4	3296-53	2	Nut-Lock Nl

Ref. No.	Part No.	Qty.	Description

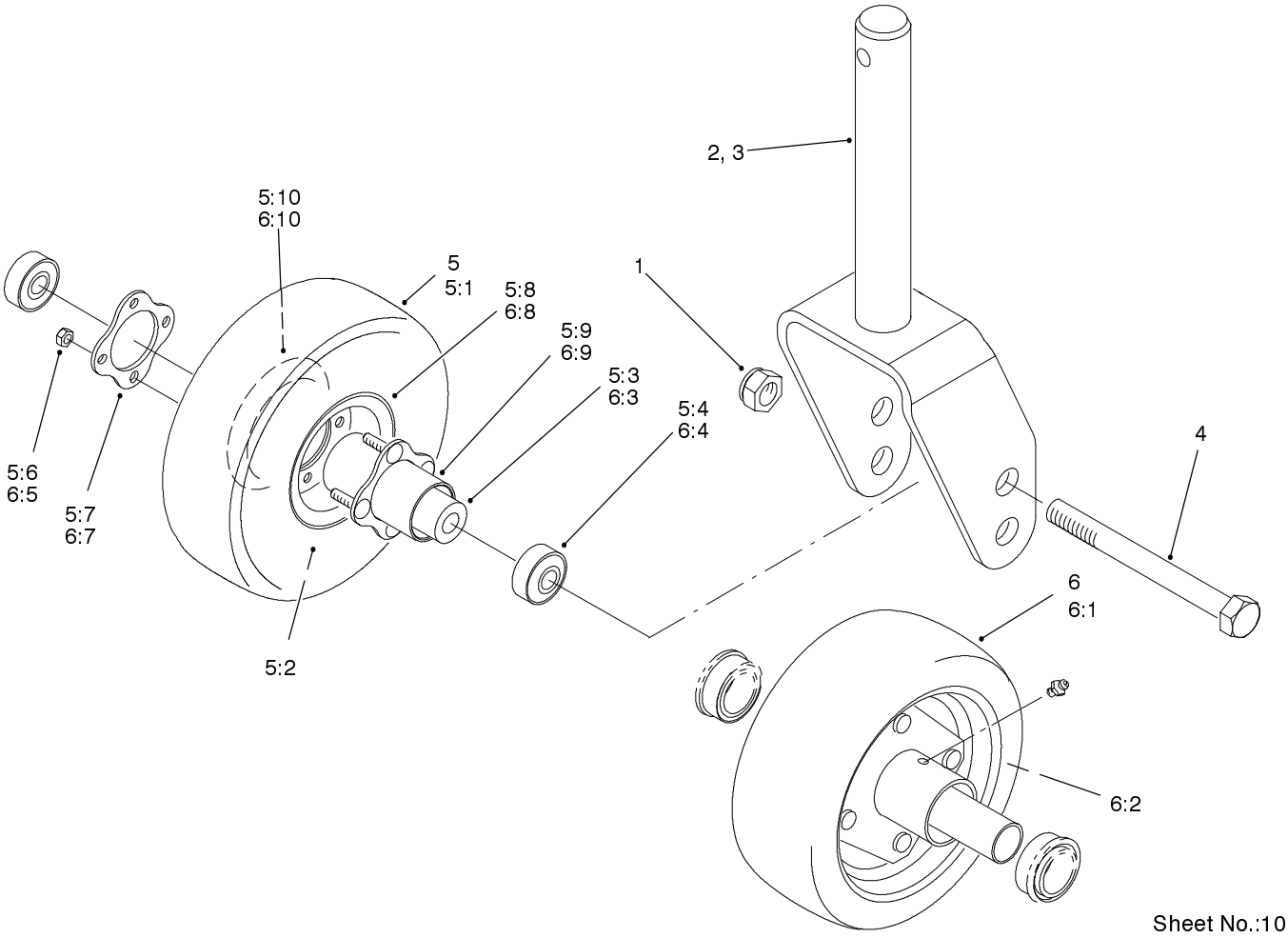


Sheet No.:9

Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	92-0625	6	Flat Pulley ASM
1:1	100-2587	2	Spacer-Bearing
1:2	38-7820	2	Bearing-Ball
1:3	84-0920	1	Pulley-Flat
2	92-9722	4	V-Pulley ASM
2:1	92-9719	1	Pulley - V
2:2	38-7820	2	Bearing-Ball
2:3	100-2587	2	Spacer-Bearing
3	104-2355	2	Idler Pulley ASM
3:1	104-2356	1	Pulley-Idler
3:2	38-7820	2	Bearing-Ball
3:3	100-2587	2	Spacer-Bearing

Ref. No.	Part No.	Qty.	Description



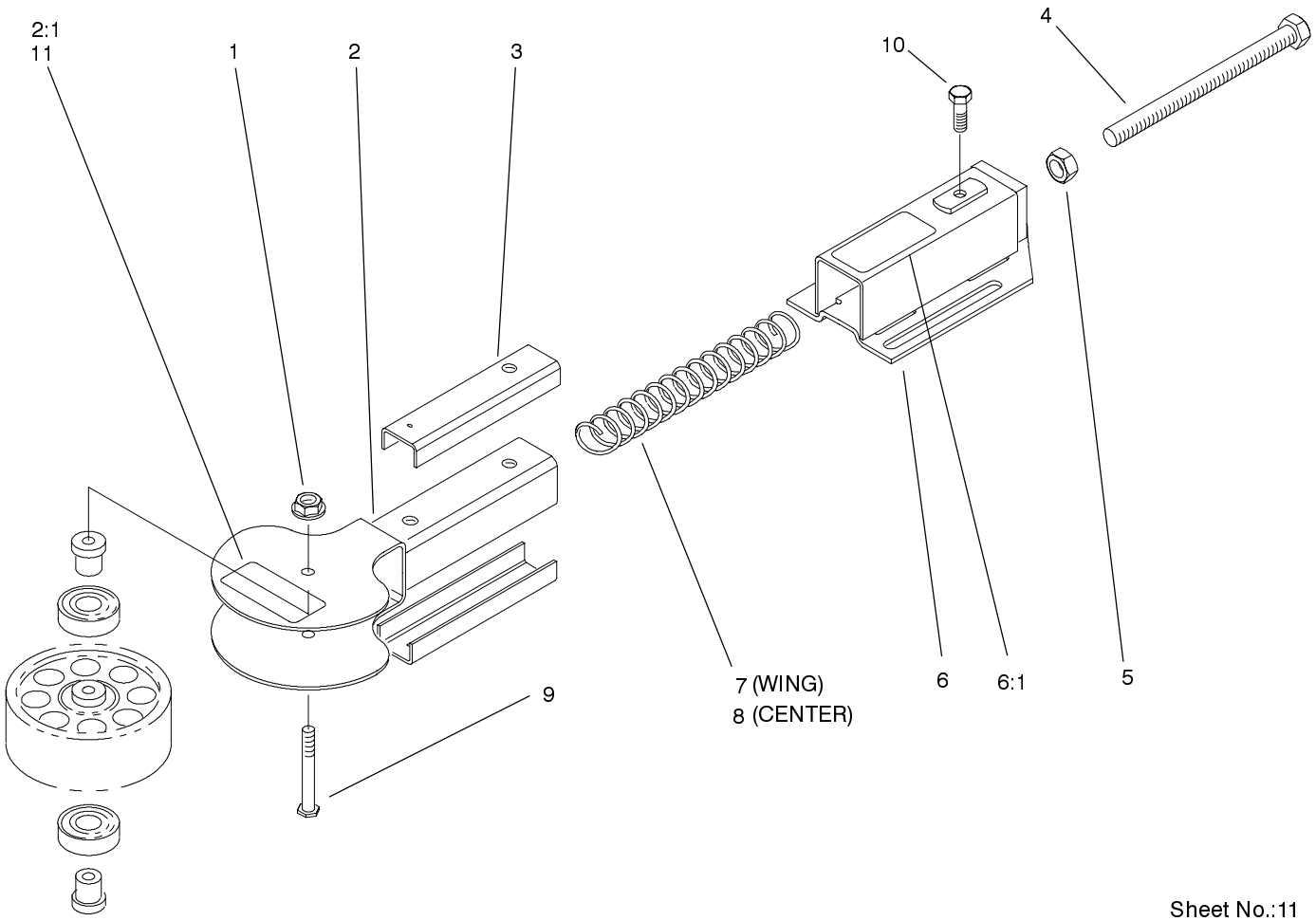
Sheet No.:10

Front Castor Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-53	4	Nut-Lock Nl
2	92-7750-01	2	Fork-Castor
3	92-7752-01	2	Fork-Castor
4	327-24	4	Screw-HH
5	93-9938	2	Wheel ASM
*5	93-5974	2	Wheel-8” Castor, Foam Fil
5:1	93-9939	2	Tire
5:2	68-8950	1	Tube w/Valve
5:3	93-4241	1	Spacer - Bearing, Inner
5:4	93-4237	2	Bearing
5:6	32128-16	4	Nut-HHF
5:7	93-4242	1	Plate
5:8	93-4239	1	Rim-Wheel, Half
5:9	93-5980	1	Hub
5:10	95-2741	1	Rim-Wheel, Half (w/ Valve Stem Hole)
6	76-1880	2	10” Tire ASM
*6	93-4240	2	Wheel ASM
*6	93-5973	2	Wheel-10” Castor, Foam Fil
6:1	93-4243	2	Tire
6:2	93-4244	1	Innertube
6:3	93-4241	1	Spacer - Bearing, Inner

Ref. No.	Part No.	Qty.	Description
6:4	93-4237	2	Bearing
6:5	32128-16	4	Nut-HHF
6:7	93-4242	1	Plate
6:8	93-4239	1	Rim-Wheel, Half
6:9	93-5980	1	Hub
6:10	95-2741	1	Rim-Wheel, Half (w/ Valve Stem Hole)

* Not illustrated

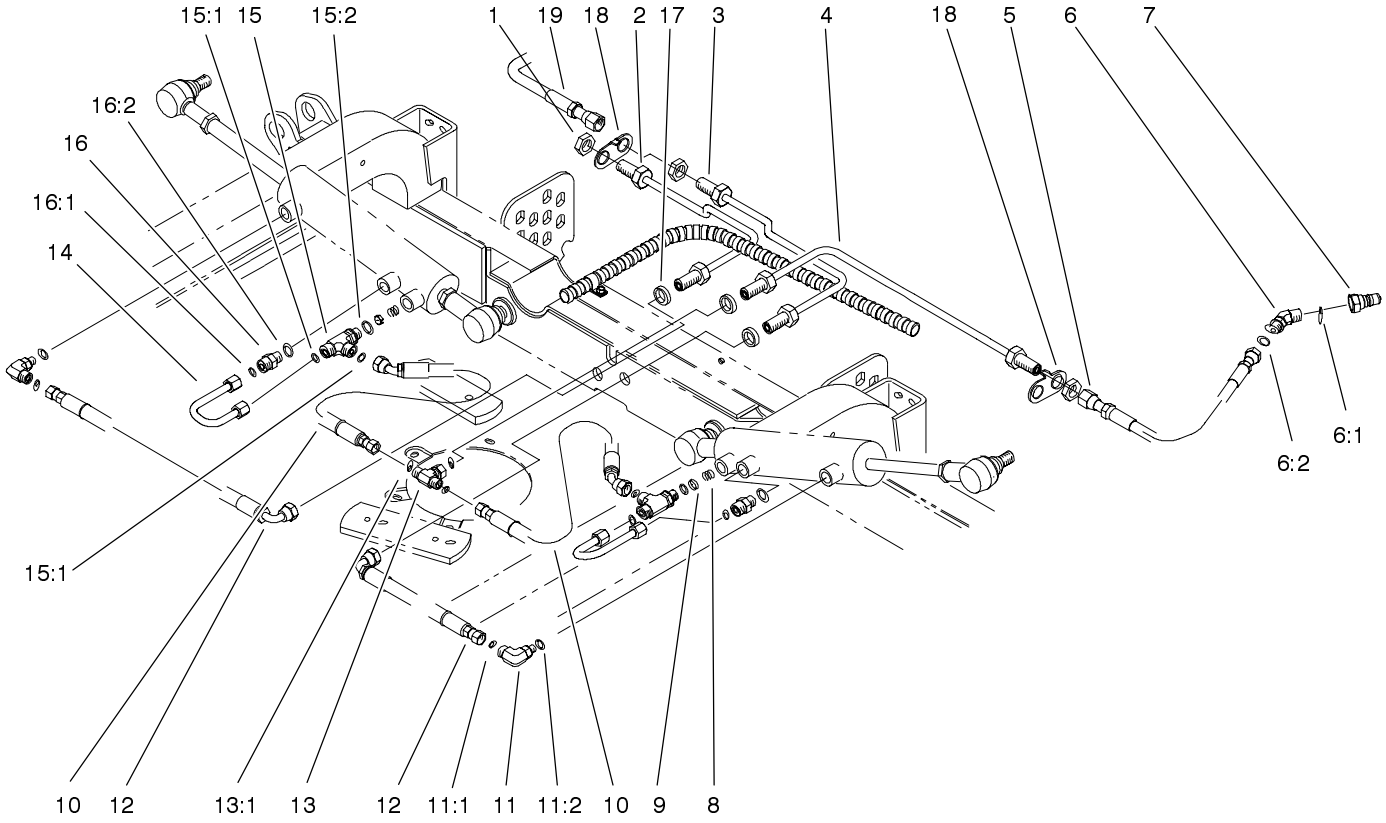


Sheet No.:11

Belt Tensioner Assembly

Ref. No.	Part No.	Qty.	Description
1	32128-43	3	Nut-Flange
2	95-4383	3	Pulley Yoke ASM
2:1	55-4300	1	Decal
3	86-0060	6	Sleeve-Tube
4	86-0050	3	Screw
5	3217-9	3	Nut-HH
6	92-0626	3	Tube ASM
6:1	93-9418	1	Decal-Adjustment
7	92-7767	2	Spring-Compression
8	92-7768	1	Spring-Compression
9	86-2000	3	Screw
10	322-5	3	Screw-HH
11	93-6674	3	Decal - Warning

Ref. No.	Part No.	Qty.	Description

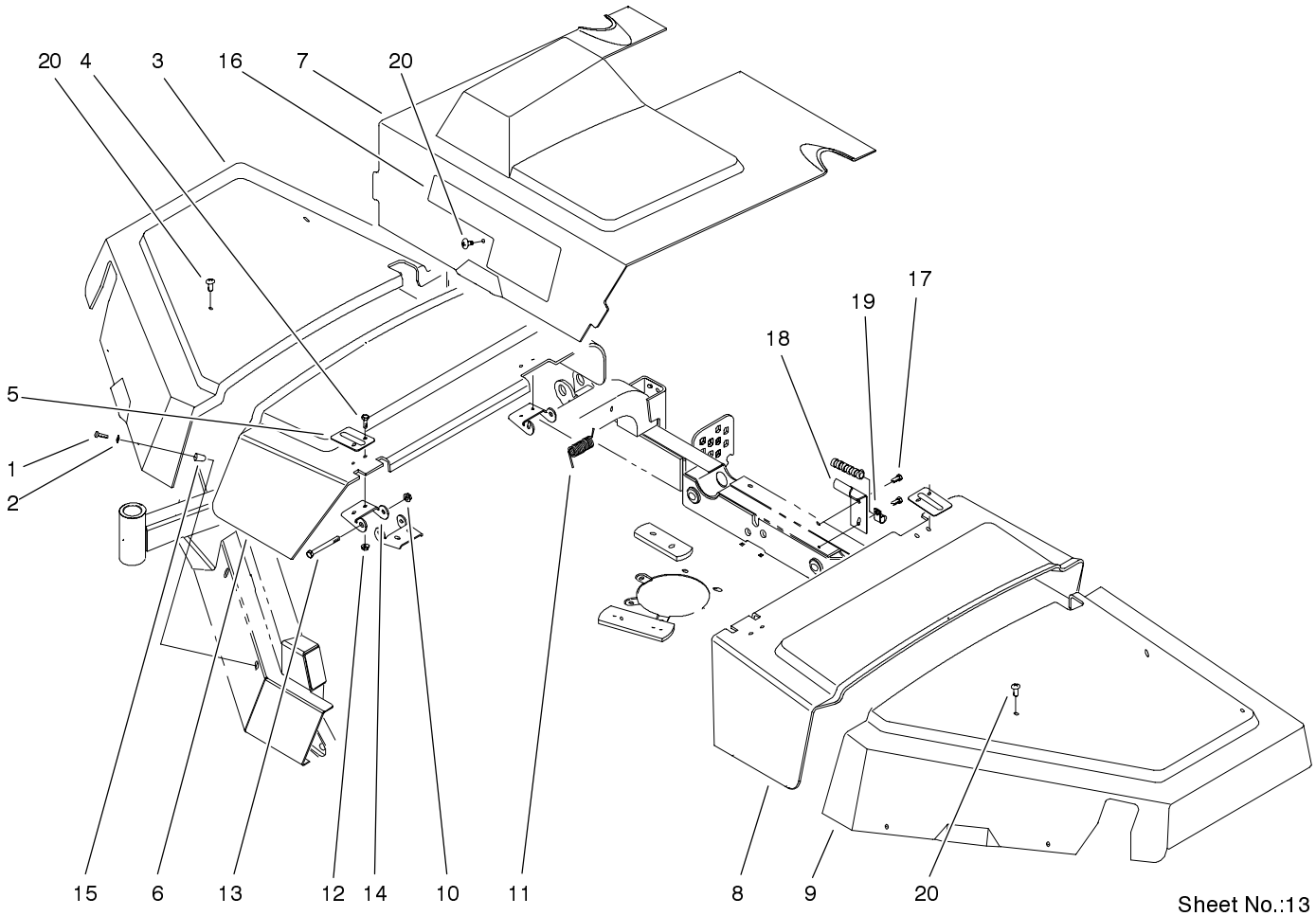


Sheet No.:12

Hydraulics Assembly

Ref. No.	Part No.	Qty.	Description
1	340-70	6	Locknut-Bulkhead
2	86-2480	1	RH Cylinder Tube ASM
3	86-2490	1	LH Cylinder Tube ASM
4	86-2470	1	Cylinder Drain Tube ASM
5	86-2460	2	Hose ASM
6	340-87	3	Fitting-45°
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	86-5460	3	Nipple-Coupler
8	86-2630	2	Spring-Compression
9	84-6403	2	Disc - Orifice
10	86-2450	2	Hose ASM
11	340-77	2	Fitting-90°
11:1	237-22	1	O-Ring
11:2	237-42	1	O-Ring
12	86-2440	2	Hose ASM
13	340-166	1	Fitting-Tee
13:1	237-22	1	O-Ring
14	86-2640	2	Deck Cylinder Tube ASM
15	340-86	2	Fitting-Tee
15:1	237-22	2	O-Ring
15:2	237-42	1	O-Ring
16	340-2	2	Adapter
16:1	237-22	1	O-Ring

Ref. No.	Part No.	Qty.	Description
16:2	237-42	1	O-Ring
17	86-0690	3	Spacer
18	92-5807	2	Retainer - Hardlines
19	86-1420	1	LH Lift Hose ASM

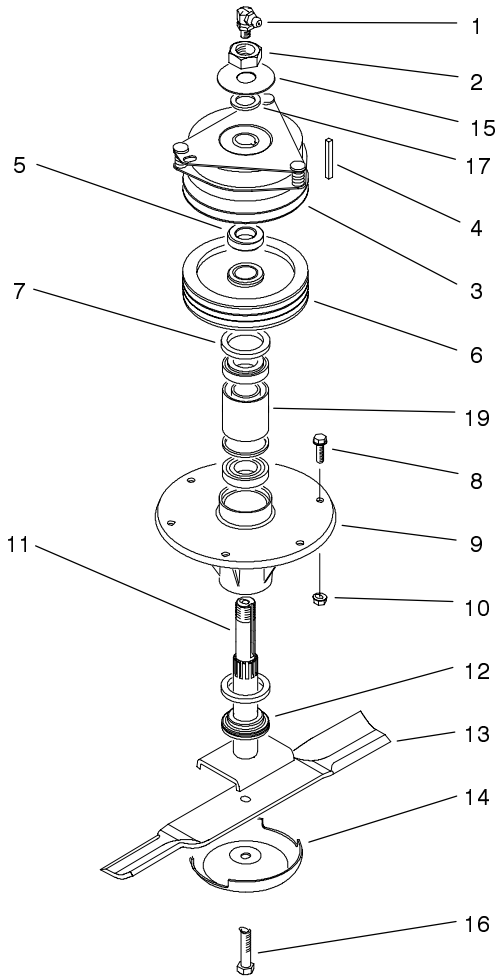


Sheet No.:13

Cover Assembly

Ref. No.	Part No.	Qty.	Description
1	3250-20	8	Screw-PPH
2	3256-67	8	Washer-Flat
3	86-1840	1	Cover-Deck, RH
4	3234-29	8	Screw-HHF
5	86-1900-03	4	Plate-Hinge
6	86-1870	1	Cover-Center, RH
7	86-1860	1	Cover-Center
8	86-1880	1	Cover-Center, LH
9	86-1850	1	Cover-Deck, LH
10	3296-59	4	Nut-Lock, NI
11	86-1920	2	Spring-Torsion
12	32128-20	8	Nut-HF
13	323-15	4	Screw-HH
14	86-1890-03	4	Hinge
15	86-0790	8	Insert-Cover
16	86-0770	1	Decal-Quadfloat
17	32144-70	2	Screw-HH
18	86-2660-01	1	Stop-Cover
19	2412-138	1	R-Clamp
20	3250-36	3	Screw-PPH

Ref. No.	Part No.	Qty.	Description

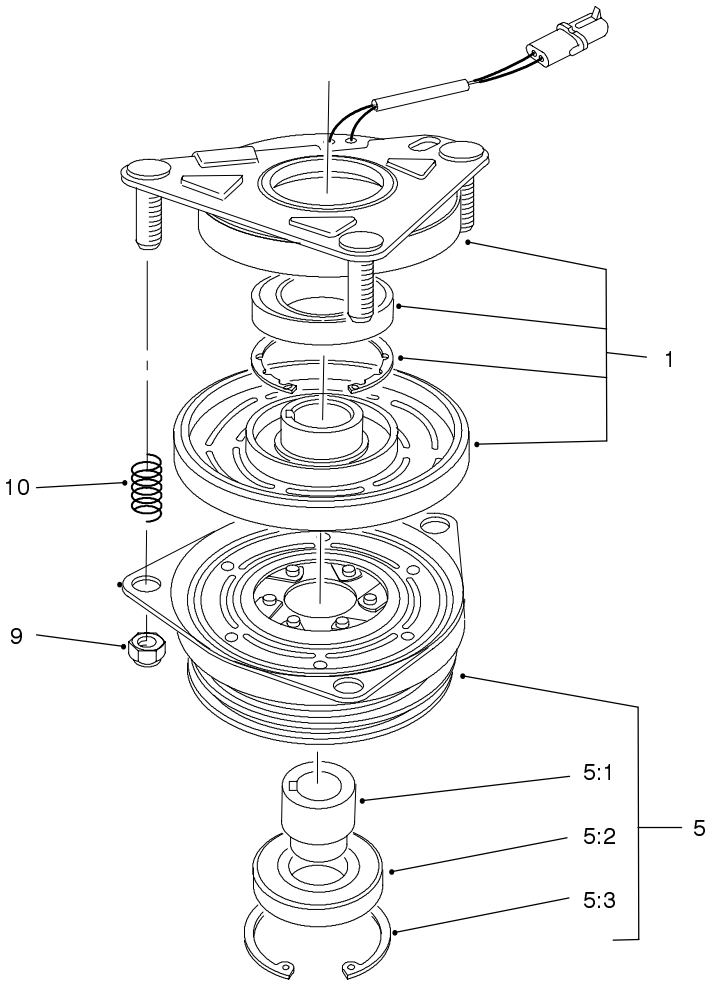


Sheet No.:14

Clutch Spindle Assembly

Ref. No.	Part No.	Qty.	Description
1	302-33	2	Fitting-Grease
2	3296-49	2	Nut-Lock NI
3	100-2559	2	Elec Clutch Brake
4	68-3220	2	Stock-Key
5	86-1740	2	Spacer
6	84-0780-01	2	Pulley-Spindle
7	253-154	4	Seal - Oil
8	3234-11	12	Screw-HHF
9	69-1530	2	Housing-Spindle
10	3290-357	12	Nut-Flange, Lock
11	86-2360	2	Shaft-Spindle, Clutch
12	69-6950	2	Spacer-Shaft, Spindle
13	86-0010-03	2	Blade-19”
14	72-9361	2	Cup-Scalp, Anti
15	94-8013	2	Washer - Thrust
16	92-5816	2	Bolt-Blade
17	86-1480	2	Washer
19	71-2530	2	Kit-Bearing/Spacer

Ref. No.	Part No.	Qty.	Description



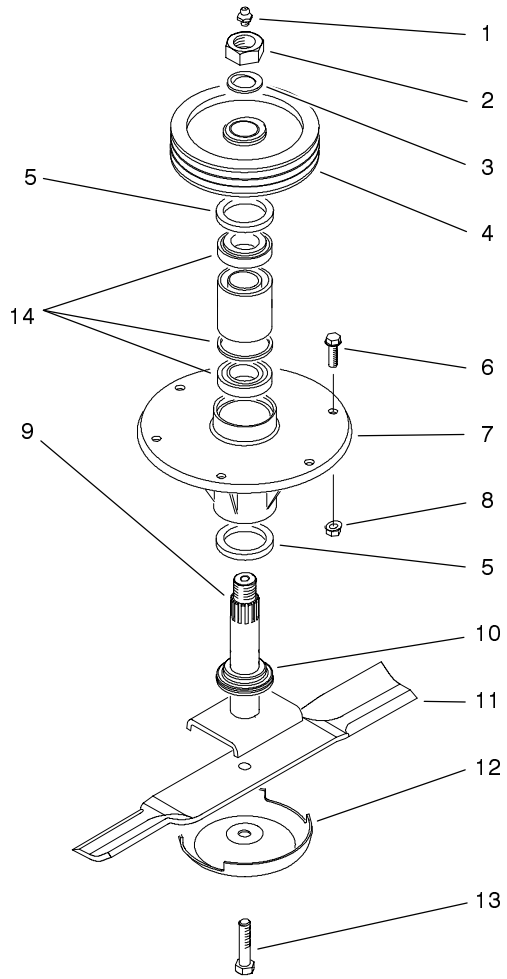
Sheet No.:A3

T-3581

Electric Clutch Brake No. 100-2559

Ref. No.	Part No.	Qty.	Description
1	67-7050	1	Field & Rotor ASM
5	104-2370	1	Armature ASM
6	67-7080	1	Sleeve-Bearing, Armature
7	67-7090	1	Bearing-Armature
8	67-7060	1	Ring-Retaining
9	3296-6	3	Nut-Lock, Nl
10	44-8320	3	Spring

Ref. No.	Part No.	Qty.	Description

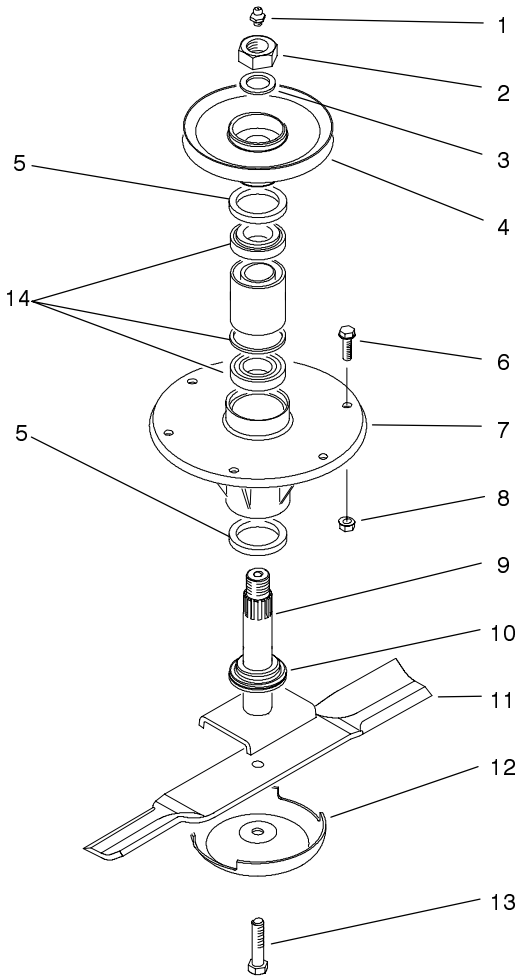


Sheet No.:15

Center Spindle Assembly

Ref. No.	Part No.	Qty.	Description
1	302-2	1	Fitting-Grease
2	3296-49	1	Nut-Lock NI
3	86-1480	1	Washer
4	84-0780-01	1	Pulley-Spindle
5	253-154	2	Seal - Oil
6	3234-11	6	Screw-HHF
7	69-1530	1	Housing-Spindle
8	3290-357	6	Nut-Flange, Lock
9	86-2340	1	Shaft-Spindle, Center
10	69-6950	1	Spacer-Shaft, Spindle
11	86-0010-03	1	Blade-19”
12	72-9361	1	Cup-Scalp, Anti
13	92-5816	1	Bolt-Blade
14	71-2530	1	Kit-Bearing/Spacer

Ref. No.	Part No.	Qty.	Description

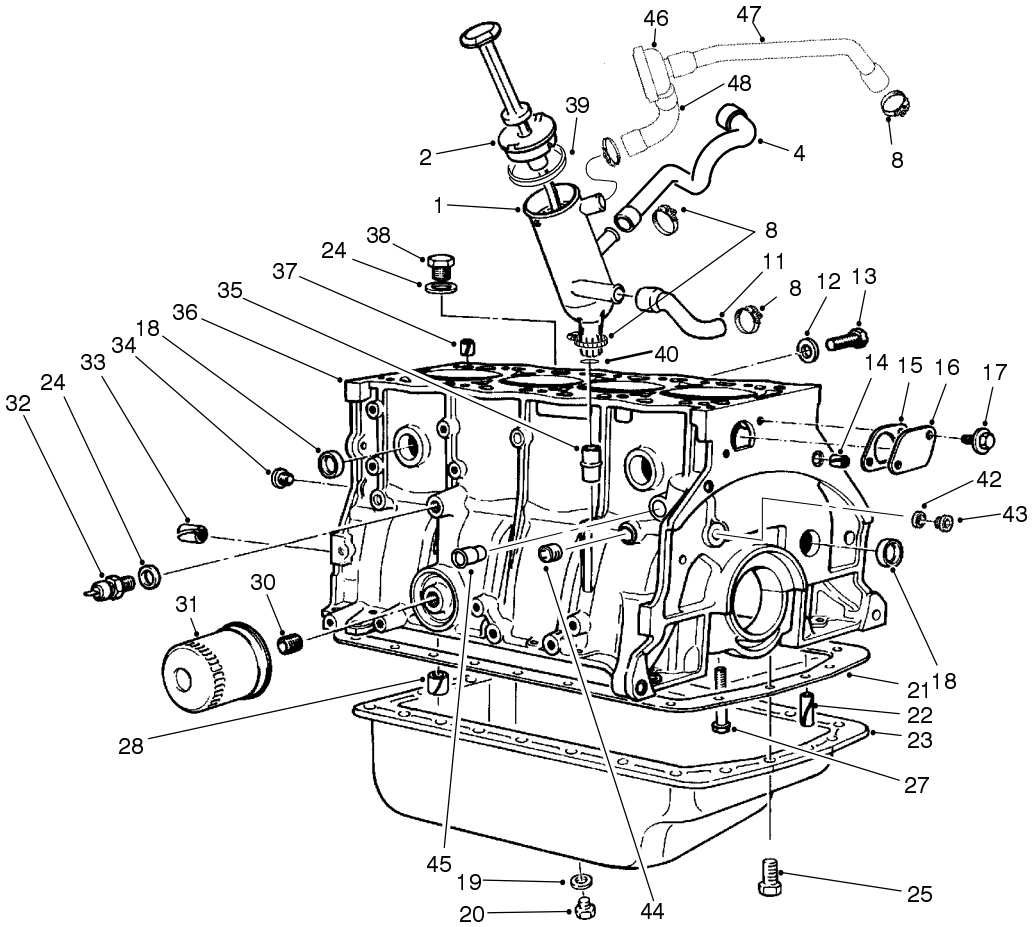


Sheet No.:16

Wing Spindle Assembly

Ref. No.	Part No.	Qty.	Description
1	302-2	4	Fitting-Grease
2	3296-49	4	Nut-Lock NI
3	86-1480	4	Washer
4	104-2354-03	4	Spindle Pulley
4:2	104-2354	1	Spindle Pulley
5	253-154	8	Seal - Oil
6	3234-11	24	Screw-HHF
7	69-1530	4	Housing-Spindle
8	3290-357	24	Nut-Flange, Lock
9	86-2340	4	Shaft-Spindle, Center
10	69-6950	4	Spacer-Shaft, Spindle
11	86-0010-03	4	Blade-19”
12	72-9361	4	Cup-Scalp, Anti
13	92-5816	4	Bolt-Blade
14	71-2530	4	Kit-bearing/Spacer

Ref. No.	Part No.	Qty.	Description



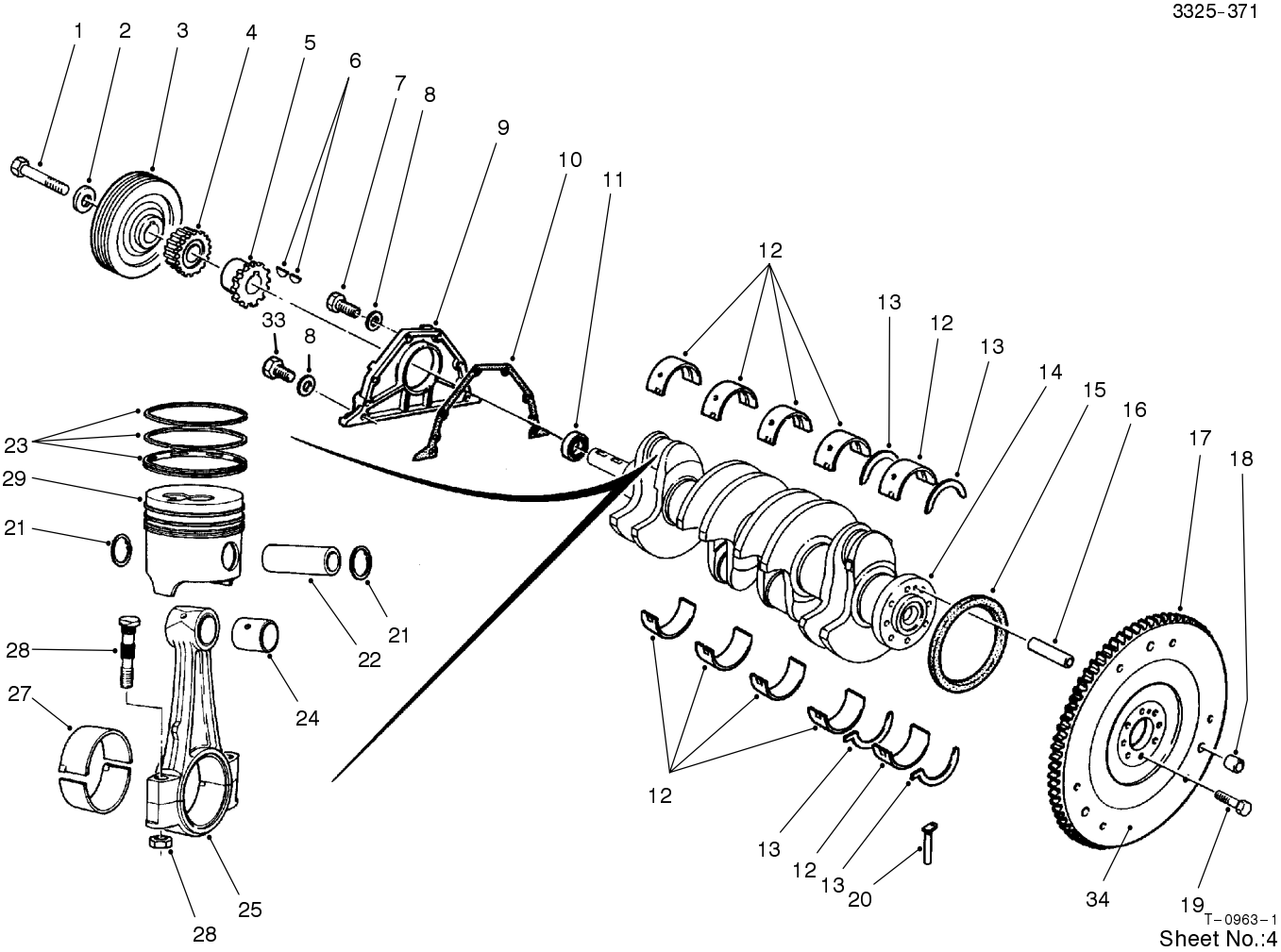
Sheet No.:3
T-2142-1

Crankcase Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3181	1	Oil Filler
2	94-3182	1	Plug
4	94-3184	1	Hose-Crankcase
8	2412-129	8	Clamp-Hose
11	74-7770	1	Hose - Crank Case
12	74-7780	1	Gasket
13	74-7790	1	Screw
14	74-7800	2	Spring Pin
15	74-7810	1	Gasket-Plate
16	74-7820	1	Plate
17	94-3112	2	Screw
18	74-7840	8	Plug
18	94-3108	8	Plug-27.5mm
18	94-3109	9	Plug-28.5mm
19	74-7320	1	Gasket-Oil Drain Plug
20	74-7310	1	Oil Drain Plug
21	74-7380	1	Oil Sump Gasket
22	94-3111	2	Pin
23	74-7300	1	Oil Sump Assy
24	74-7850	2	Gasket
25	74-7330	23	Screw-HH
26	77-3790	1	Drain Plug
27	74-7930	10	Capscrew-Bearing
28	74-7940	1	Spring Bushing
29	74-7950	6	Plate Screw
30	74-7960	1	Filter Stud

Ref. No.	Part No.	Qty.	Description
31	74-7970	1	Oil Filter
32	94-3180	1	Pressure Switch
33	74-7990	4	Spring Pin
34	74-8000	2	Plug
35	74-8010	1	Tube
36	94-3100	1	Cylinder Block
37	74-8030	1	Spring Pin
38	74-8040	1	Plug
39	94-3183	1	Gasket
40	94-3186	1	O-Ring
42	94-3106	2	Gasket
43	94-3104	2	Plug-Threaded
44	94-3103	1	Plug-Threaded
45	94-3110	1	Stud
46	74-5760	1	Valve Pvc F/W
47	94-3192	1	Hose-Manifold
48	94-3191	1	Hose-Pcv Valve
*52	94-3101	1	Gasket Set
*53	77-3600	1	Shield-Adapter

* Not illustrated

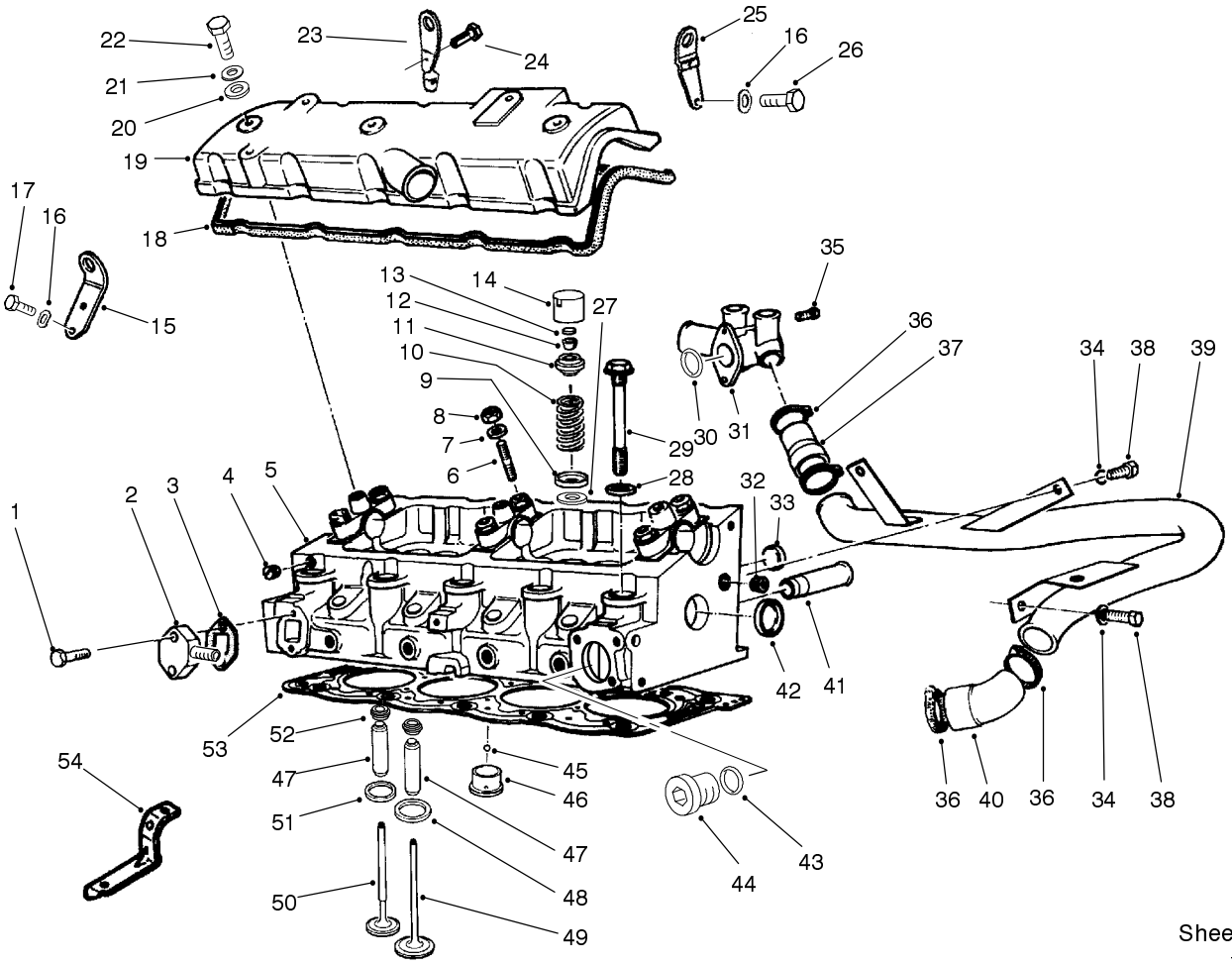


Sheet No.:4

Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3145	1	Screw-Pulley
2	74-8080	1	Washer
3	94-3144	1	Pulley-Crankshaft
4	74-8100	1	Pinion Gear
5	74-8110	1	Oil Pump Sprocket
6	74-8120	2	Key - Woodruff
7	94-3150	4	Screw-HH
8	94-3151	6	Washer-Spring
9	74-8140	1	Cover
10	74-8150	1	Cover Gasket
11	94-3148	1	Gasket
12	74-8170	5	Bearing Set (STD)
12	74-8180	2	Bearing Set (.30mm Os)
13	74-8200	2	Thrust Bearing Set
13	74-8210	2	Thrust Bearing Set
13	74-8220	2	Thrust Bearing Set
13	94-3141	2	Flange Set
14	74-8230	1	Crank Shaft
15	74-8240	1	Seal
16	74-7990	1	Spring Pin
17	94-3149	1	Gear-Flywheel
18	74-8270	3	Pin
19	74-8280	8	Screw Hex Hd
20	74-8290	2	Cap-Bearing
21	74-8300	8	Piston Pin Clip

Ref. No.	Part No.	Qty.	Description
22	74-8310	4	Piston Pin
23	74-8320	4	Piston Ring Set
23	74-8330	4	Piston Ring Set
23	74-8340	4	Piston Ring Set
23	94-3158	4	Piston Ring Set
24	94-3154	4	Bushing
25	94-3153	4	Connecting Rod Set
27	74-8380	4	Bearing-Connecting Rod
27	94-3155	1	Bearing Set-1st Repair
28	74-8400	8	Bolt - Connecting Rod
29	74-8420	1	Piston Set
29	74-8430	1	Piston Set
29	74-8440	1	Piston Set
29	94-3157	1	Piston Set
33	94-3152	2	Screw-HH
34	74-8260	1	Flywheel



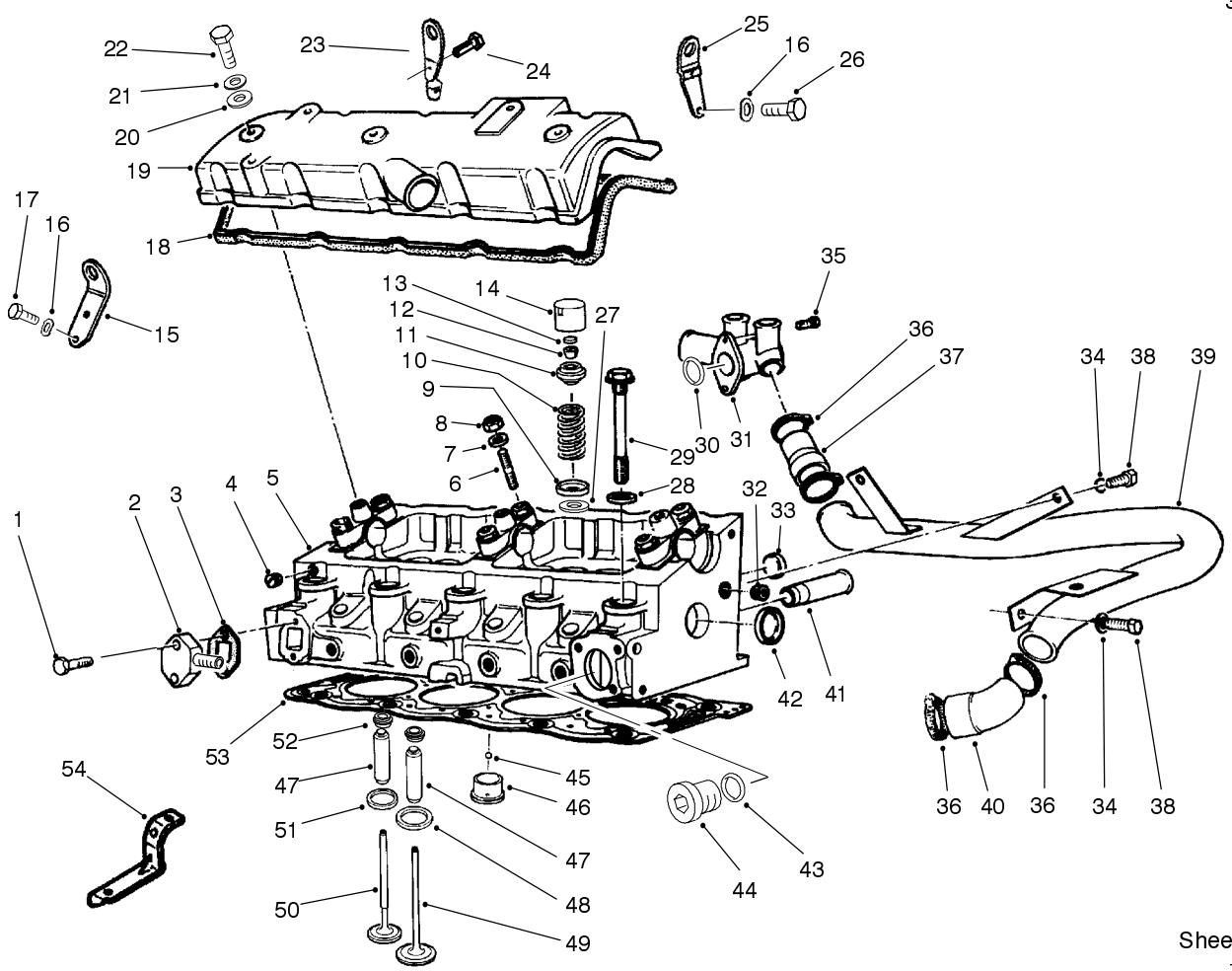
Sheet No.:5

T-3504

Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3123	2	Capscrew
2	94-3117	1	Plate
3	94-3116	1	Gasket
4	74-7600	4	Plug
5	94-3113	1	Cylinder Head
5	94-9965	1	Cylinder Head ASM
6	76-5130	6	Stud
7	74-8900	6	Washer - Flat
8	94-3115	6	Nut
9	74-6570	8	Cup-Lower Valve Spring
10	74-6560	8	Valve Spring
11	74-6550	8	Cup
12	74-7240	16	Split Collar
13	74-6580	8	Insert - Valve (1.65mm)
13	74-6590	8	Insert -Valve (1.725mm)
13	74-6600	8	Insert -Valve (1.800mm)
13	74-6610	8	Insert -Valve (1.900mm)
13	74-6620	8	Insert -Valve (1.975mm)
13	74-6630	8	Insert -Valve (2.050mm)

Ref. No.	Part No.	Qty.	Description
13	74-6640	8	Insert -Valve (2.125mm)
13	74-6650	8	Insert -Valve (2.225mm)
13	74-6660	8	Insert -Valve (2.250mm)
13	74-6670	8	Insert -Valve (2.275mm)
13	74-6680	8	Insert -Valve (2.300mm)
13	74-6690	8	Insert -Valve (2.325mm)
13	74-6700	8	Insert -Valve (2.350mm)
13	74-6710	8	Insert -Valve (2.375mm)
13	74-6720	8	Insert -Valve (2.400mm)
13	74-6730	8	Insert -Valve (2.425mm)
13	74-6740	8	Insert -Valve (2.450mm)
13	74-6750	8	Insert -Valve (2.475mm)
13	74-6760	8	Insert -Valve (2.500mm)



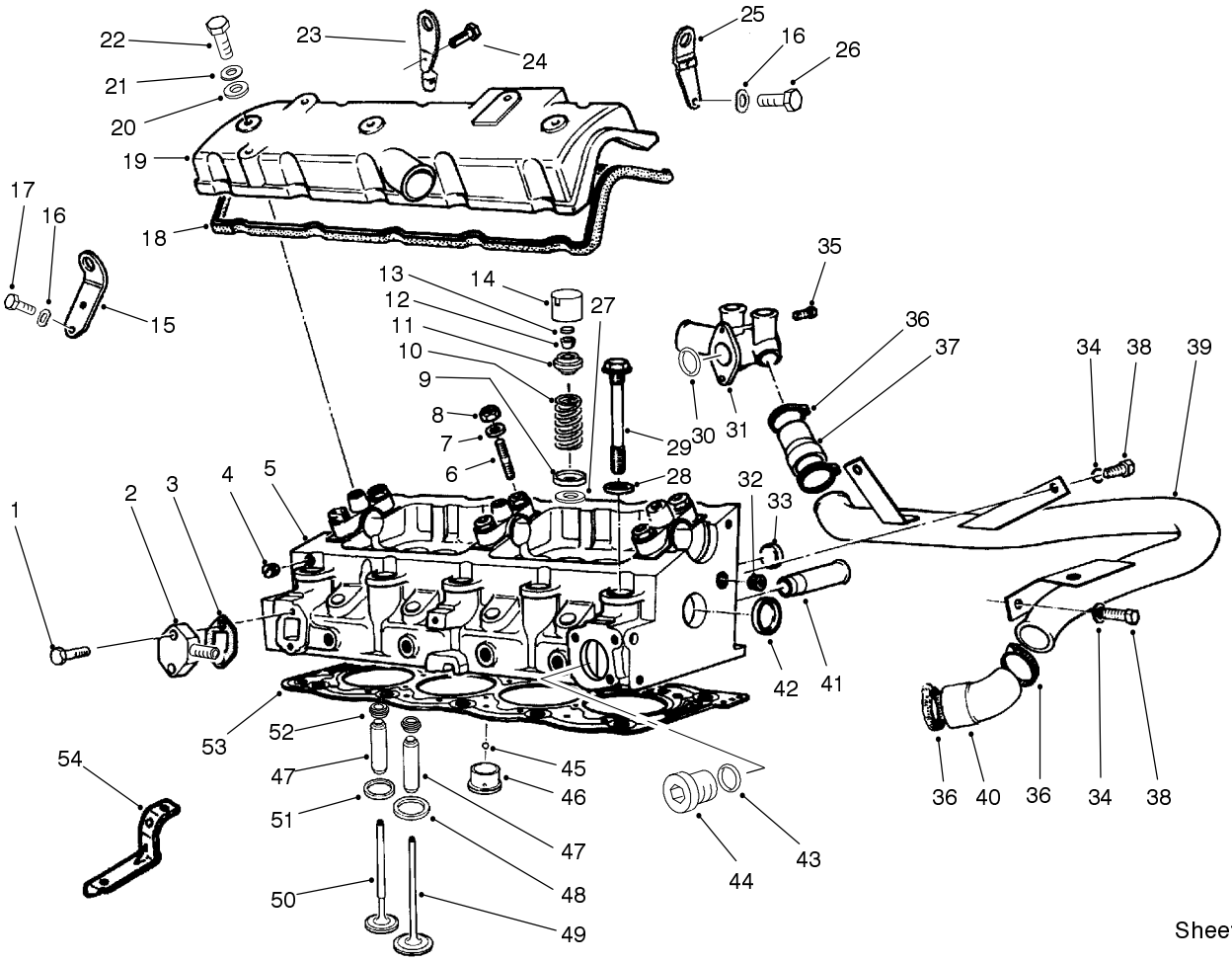
Sheet No.:5

T-3504

Cylinder Head Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
13	74-6770	8	Insert -Valve (2.525mm)
13	74-6780	8	Insert -Valve (2.550mm)
13	74-6790	8	Insert -Valve (2.575mm)
13	74-6800	8	Insert -Valve (2.600mm)
13	74-6810	8	Insert -Valve (2.625mm)
13	74-6820	8	Insert -Valve (2.650mm)
13	74-6830	8	Insert -Valve (2.675mm)
13	74-6840	8	Insert -Valve (2.700mm)
13	74-6850	8	Insert -Valve (2.725mm)
13	74-6860	8	Insert -Valve (2.750mm)
13	74-6870	8	Insert -Valve (2.775mm)
13	74-6880	8	Insert -Valve (2.800mm)
13	74-6890	8	Insert -Valve (2.825mm)

Ref. No.	Part No.	Qty.	Description
13	74-6900	8	Insert -Valve (2.850mm)
13	74-6910	8	Insert -Valve (2.875mm)
13	74-6920	8	Insert -Valve (2.900mm)
13	74-6930	8	Insert -Valve (2.925mm)
13	74-6940	8	Insert -Valve (2.950mm)
13	74-6950	8	Insert -Valve (2.975mm)
13	74-6960	8	Insert -Valve (3.000mm)
13	74-6970	8	Insert -Valve (3.025mm)
13	74-6980	8	Insert -Valve (3.050mm)
13	74-6990	8	Insert -Valve (3.075mm)
13	74-7000	8	Insert -Valve (3.100mm)
13	74-7010	8	Insert -Valve (3.125mm)
13	74-7020	8	Insert -Valve (3.150mm)



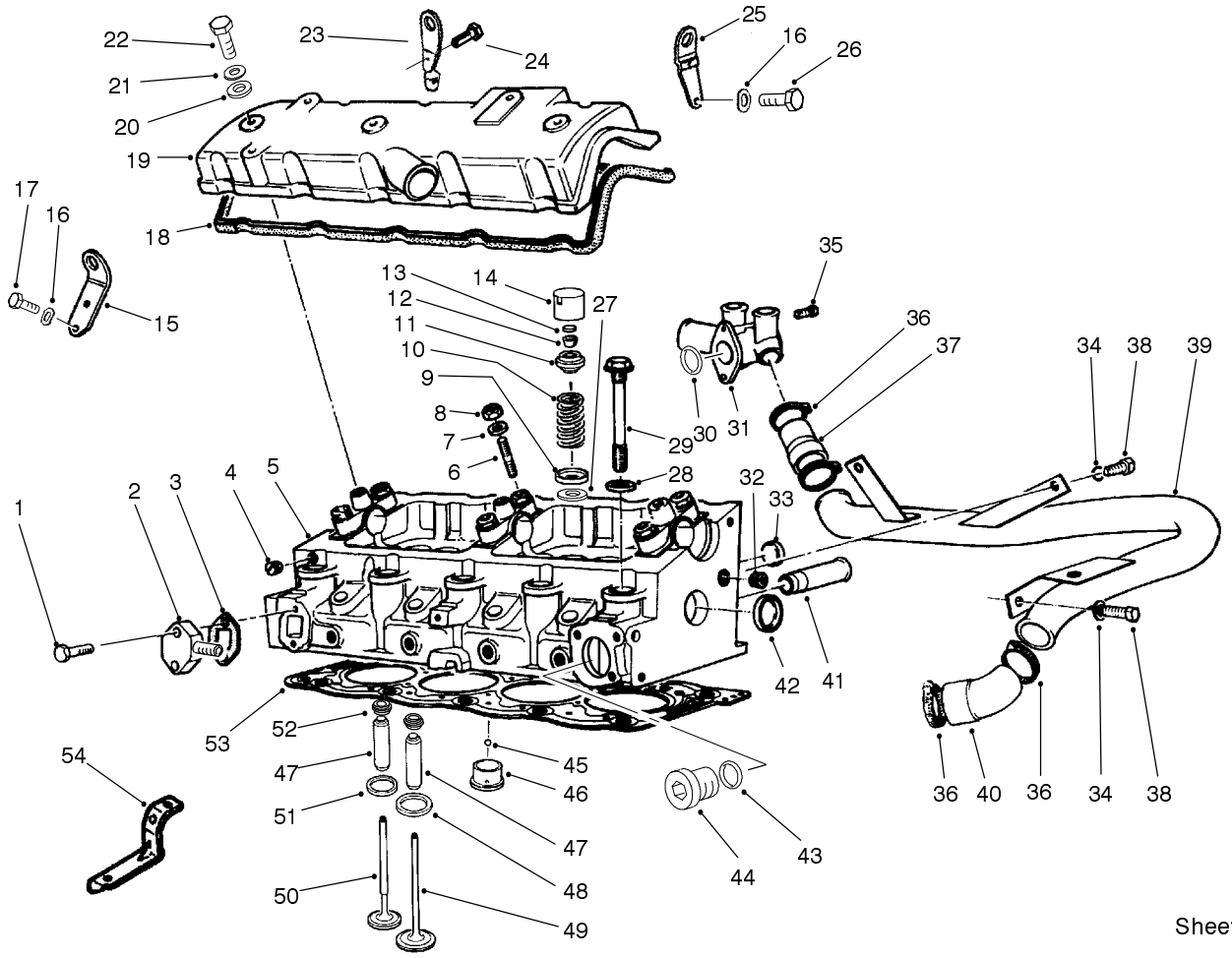
Sheet No.:5

T-3504

Cylinder Head Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
13	74-7030	8	Insert -Valve (3.175mm)
13	74-7040	8	Insert -Valve (3.200mm)
13	74-7050	8	Insert -Valve (3.225mm)
13	74-7060	8	Insert -Valve (3.250mm)
13	74-7070	8	Insert -Valve (3.275mm)
13	74-7080	8	Insert -Valve (3.300mm)
13	74-7090	8	Insert -Valve (3.325mm)
13	74-7100	8	Insert -Valve (3.350mm)
13	74-7110	8	Insert -Valve (3.375mm)
13	74-7120	8	Insert -Valve (3.400mm)
13	74-7130	8	Insert -Valve (3.425mm)
13	74-7140	8	Insert -Valve (3.450mm)
13	74-7150	8	Insert -Valve (3.475mm)

Ref. No.	Part No.	Qty.	Description
13	74-7160	8	Insert -Valve (3.500mm)
13	74-7170	8	Insert -Valve (3.550mm)
13	74-7180	8	Insert -Valve (3.625mm)
13	74-7190	8	Insert -Valve (3.700mm)
13	74-7200	8	Insert -Valve (3.775mm)
13	74-7210	8	Insert -Valve (3.850mm)
13	74-7220	8	Insert -Valve (3.925mm)
13	74-7230	8	Insert -Valve (4.000mm)
14	74-6540	8	Tappet - Valve
15	94-3155	1	Bearing Set-1st Repair
16	74-7560	3	Lockwasher
17	76-5470	2	Capscrew - Hex Head
18	74-7630	1	Gasket - Valve Cover
19	74-7640	1	Valve Cover
20	74-7650	3	Washer - Flat
21	94-3125	3	Washer-Plate
22	94-3124	3	Screw-HH



Sheet No.:5

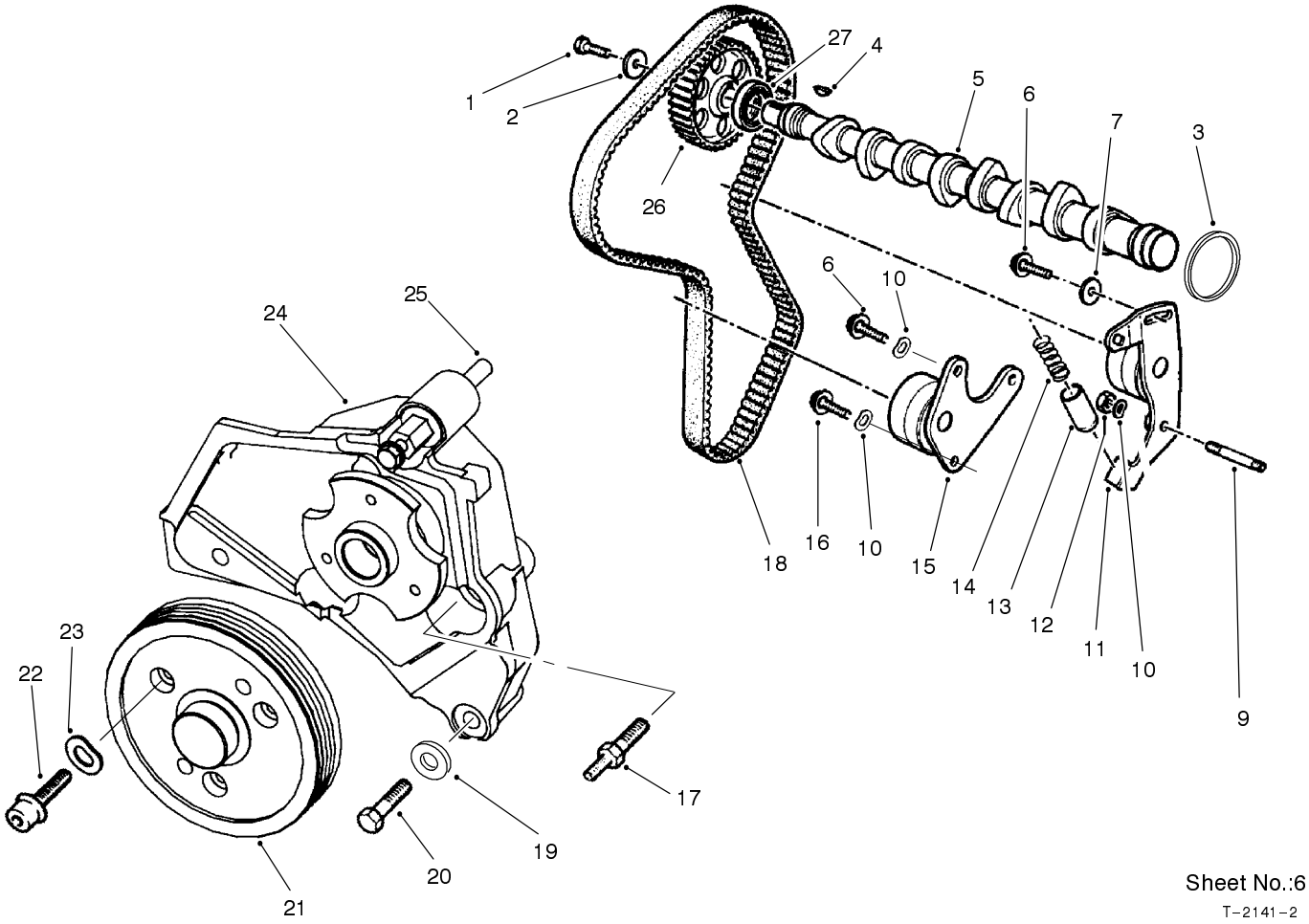
T-3504

Cylinder Head Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
23	94-3136	1	Bracket-Lifting
24	94-3138	1	Screw-HH
25	94-3137	1	Bracket-Lifting
26	94-3139	1	Screw
27	94-3174	8	Washer-Repair
28	74-7270	10	Washer-Flat
29	74-7260	10	Head Bolt
30	94-3197	1	O-Ring
31	94-3196	1	Water-Inlet
32	94-3118	1	Plug
33	74-7840	2	Plug
33	94-3108	2	Plug-27.5mm
33	94-3109	2	Plug-28.5mm
34	68-9420	5	Washer-Lock
35	48-9460	2	Capscrew-Hex
36	2412-129	4	Clamp-Hose
37	94-3200	1	Hose-By Pass
38	48-7700	3	Screw
39	94-3199	1	Pipe-By Pass
40	94-3201	1	Hose-By Pass
41	74-7400	1	Tube
42	74-7840	2	Plug
43	94-3122	1	Gasket
44	94-3121	1	Plug
45	74-7420	4	Ball
46	74-7430	4	Chamber-Turbulence

Ref. No.	Part No.	Qty.	Description
46	74-7440	4	Chamber - Turbulence
47	92-7792	8	Valve Guide (14.29 Mm)
47	92-7793	8	Valve Guide (14.59 Mm)
48	74-7450	4	Exhaust Valve Seat
48	74-7460	4	Seat-Intake Valve (39.5)
49	74-7480	4	Intake Valve
50	92-7794	4	Valve - Exhaust
51	92-7795	4	Valve Seat
52	92-7791	8	Valve - Stem Seal
53	94-8132	1	Gasket - Head, 1.48
53	94-8133	1	Gasket - Head, 1.52
53	94-8134	1	Gasket - Head, 1.58
53	94-8135	1	Gasket - Head, 1.62
54	94-3120	1	Bracket
*55	74-7670	1	Head Bolt & Washer Set
*56	94-3119	1	Gasket Set

* Not illustrated



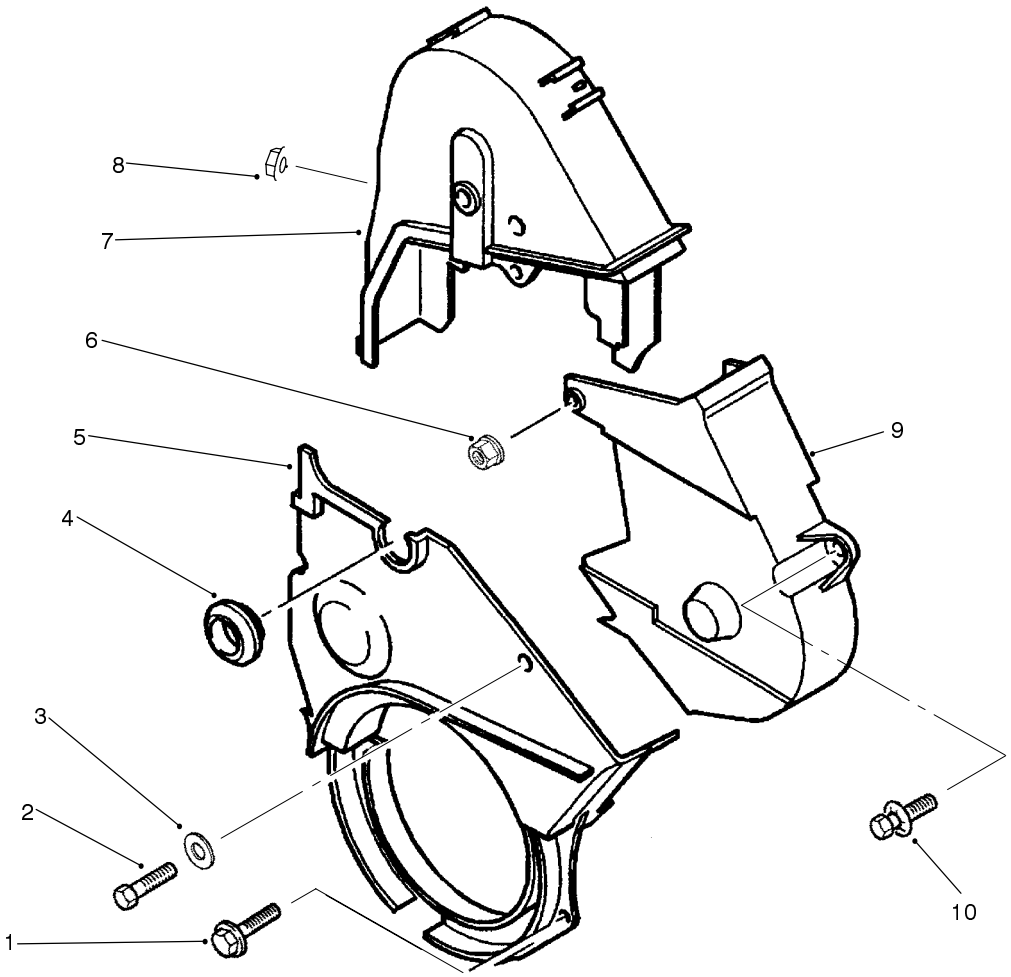
Sheet No.:6

T-2141-2

Camshaft and Fan Support Assembly

Ref. No.	Part No.	Qty.	Description
1	98-9968	2	Screw
2	77-3450	2	Washer
3	77-3420	1	Gasket
4	98-9967	1	Key
5	77-3400	1	Cam Shaft
6	94-3163	1	Screw-HH
7	94-3166	1	Washer-Plate
8	94-9994	1	Gasket - Camshaft
9	94-3162	1	Stud
10	94-3164	4	Washer-Spring
11	94-3159	1	Tensioner
12	94-3165	1	Nut-Hex
13	77-3520	1	Cup
14	77-3510	1	Spring
15	94-3160	1	Roller
16	94-3161	2	Screw-HH
17	94-3170	1	Screw
18	74-8830	1	Belt - Timing
19	94-3172	3	Washer
20	94-3171	2	Screw-HH
21	94-3168	1	Pulley-Fan
22	94-3173	3	Capscrew
23	76-5010	3	Washer-Spring
24	94-3167	1	Bracket-Fan
25	94-3169	1	Screw
26	98-9966	1	Gear - Camshaft

Ref. No.	Part No.	Qty.	Description

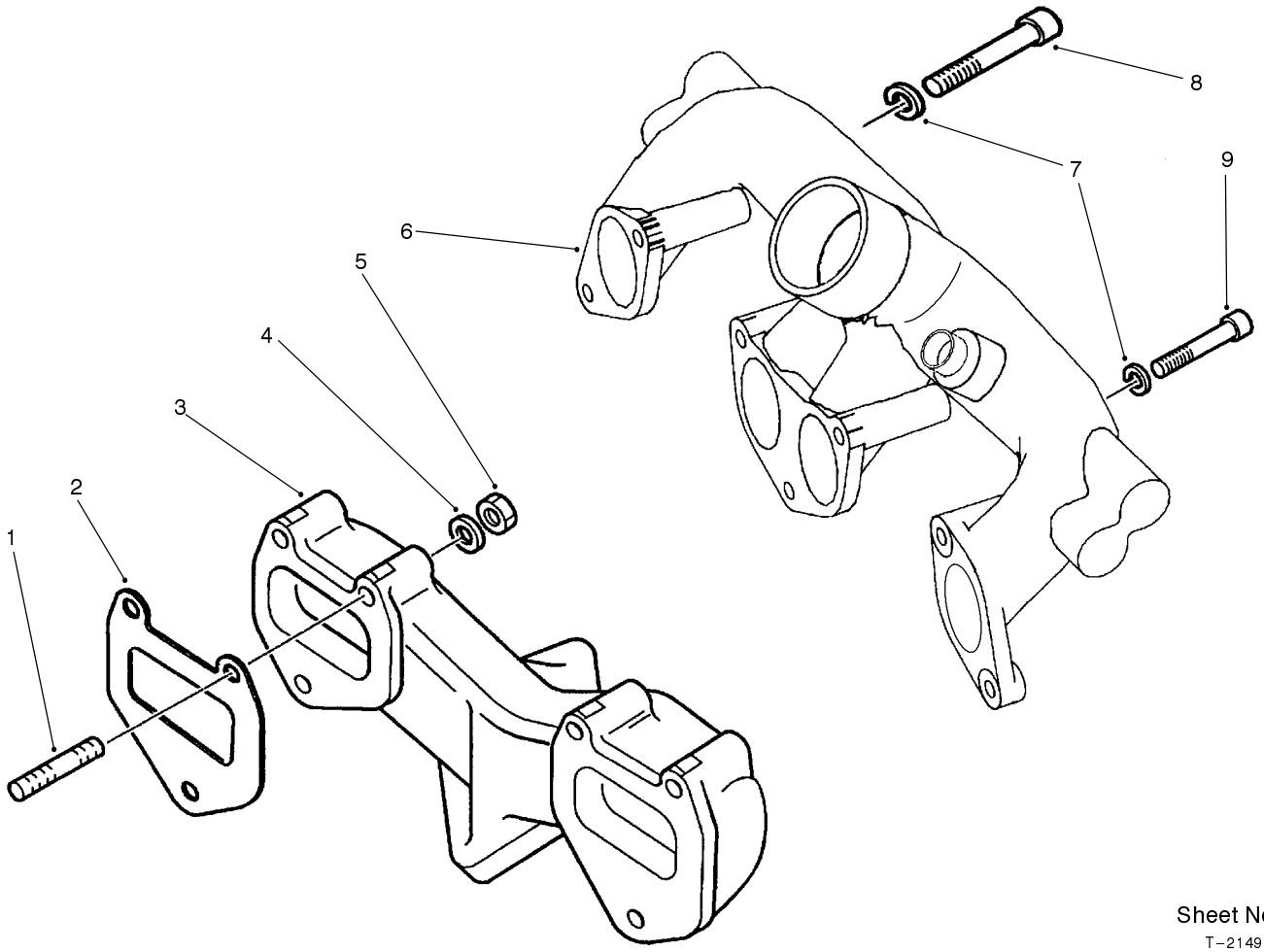


Sheet No.:7
T-2140-1

Timing Cover Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3132	2	Screw-HHF
2	94-3130	1	Screw-HH
3	94-3125	1	Washer-Plate
4	94-3129	1	Plug
5	94-3126	1	Protector-Lower
6	94-3133	1	Nut-w/Washer
7	94-3127	1	Timing Case-Left
8	94-3134	1	Nut
9	94-3128	1	Timing Case Right
10	94-3131	1	Screw-HH

Ref. No.	Part No.	Qty.	Description



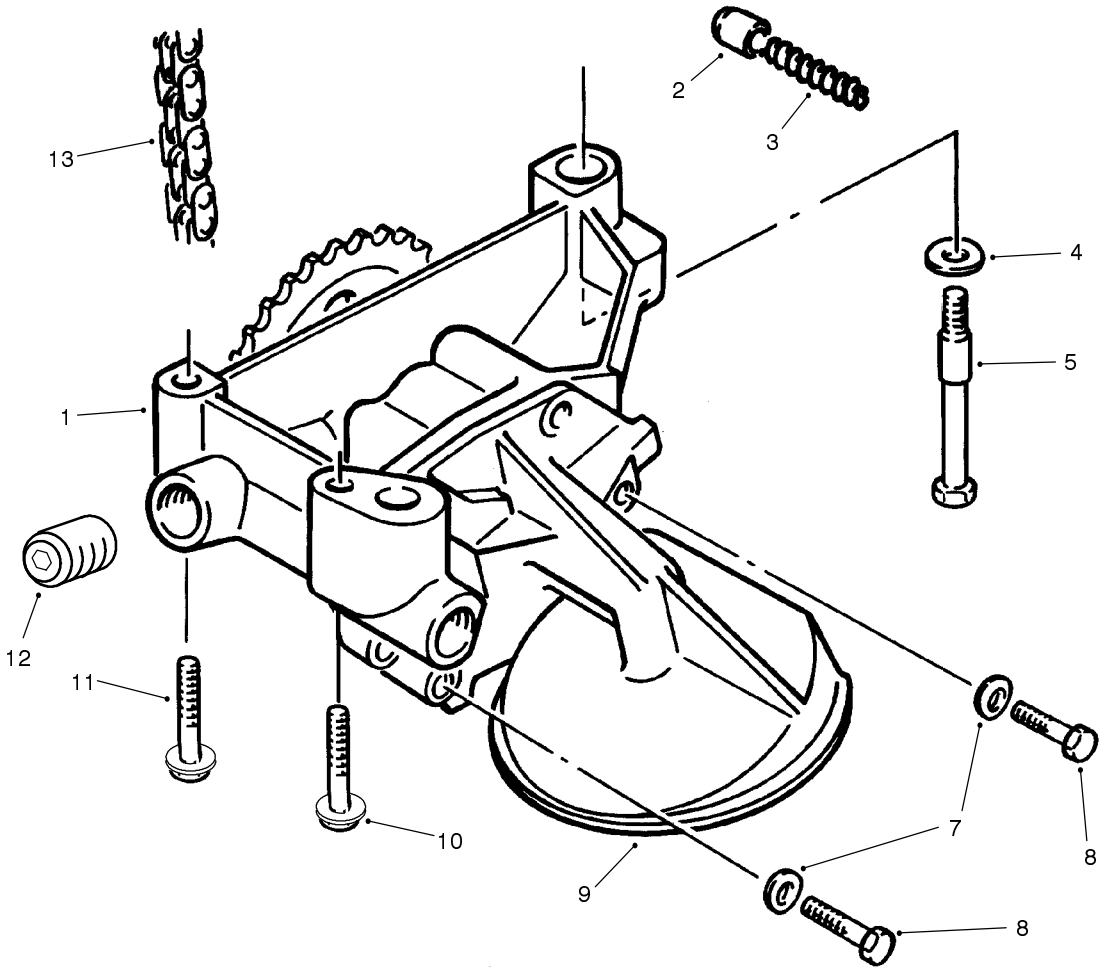
Sheet No.:8
T-2149-2

Intake and Exhaust Manifold Assembly

Ref. No.	Part No.	Qty.	Description
1	77-3300	6	Stud
2	77-3310	2	Gasket
3	77-3340	1	Manifold - Exhaust
4	68-9420	6	Washer-Lock
5	77-3320	6	Nut - Hex
6	94-3215	1	Manifold-Intake
7	94-3164	7	Washer-Spring
8	94-3216	5	Capscrew
9	94-3217	4	Capscrew
9	94-3218	1	Screw
*11	94-2815	1	Sleeve - Exhaust Flange
*12	94-2814	1	Kit - Exhaust Coupler

Ref. No.	Part No.	Qty.	Description

* Not illustrated

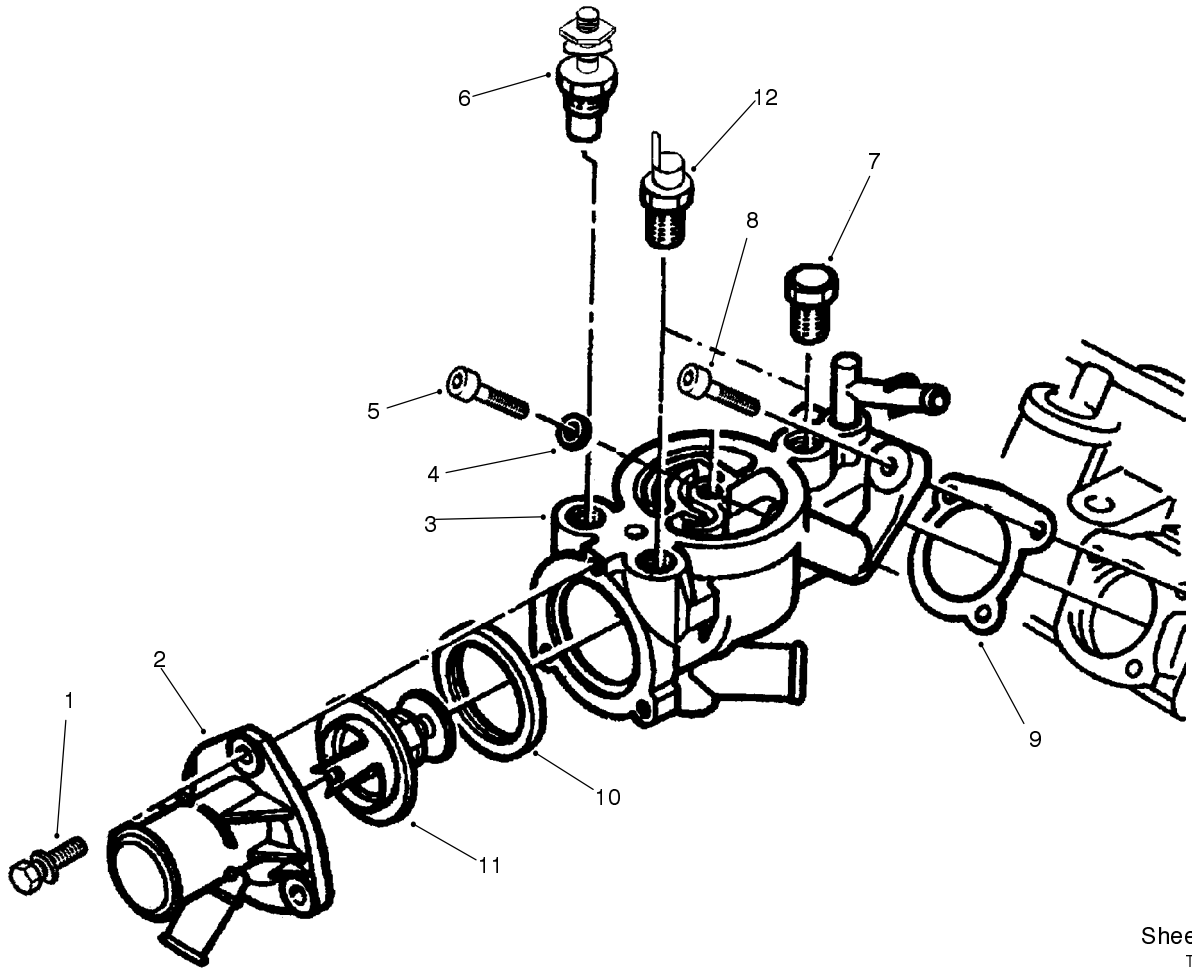


Sheet No.:9
T-0964-1

Oil Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	76-5070	1	Oil Pump ASM
2	94-3176	1	Valve-Relief
3	76-5090	1	Piston Spring
4	94-3179	3	Washer-Spring
5	76-5100	1	Bolt-Shoulder
6	76-5010	5	Washer-Spring
7	94-3124	2	Screw-HH
9	94-3178	1	Strainer
10	77-3470	1	Screw
11	77-3490	1	Screw
12	94-3177	2	Plug
13	76-5170	1	Chain-Drive, Pump

Ref. No.	Part No.	Qty.	Description

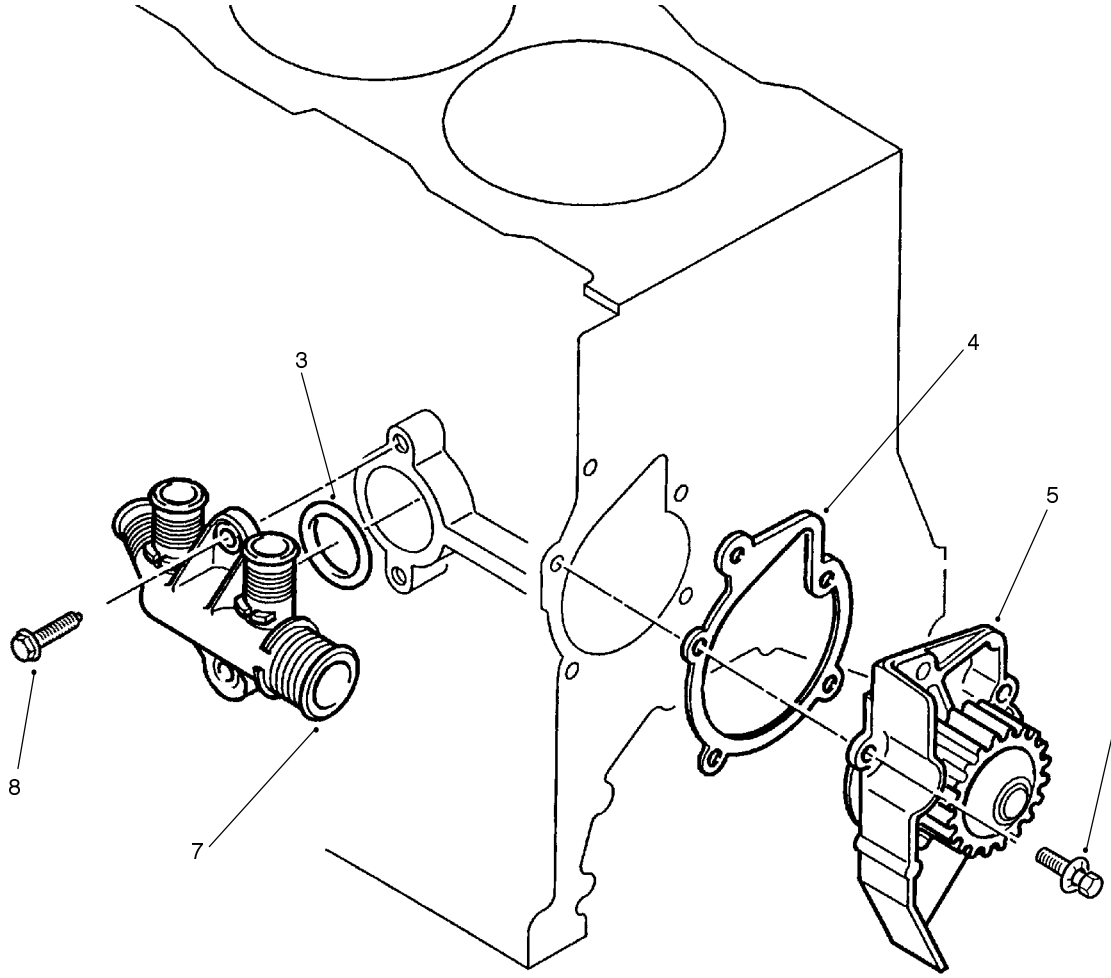


Sheet No.:10
T-2143-1

Collector Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3131	3	Screw-HH
2	94-3208	1	Outlet Stub
3	94-3205	1	Outlet Box
4	94-3207	1	Ring
5	94-3214	1	Capscrew
6	76-5380	1	Temp Sending Unit
7	94-3212	1	Plug
8	94-3213	1	Capscrew
9	94-3206	1	Gasket
10	94-3210	1	Gasket
11	94-3209	1	Thermostat
12	76-5400	1	Switch - Temp 105 DEG C

Ref. No.	Part No.	Qty.	Description



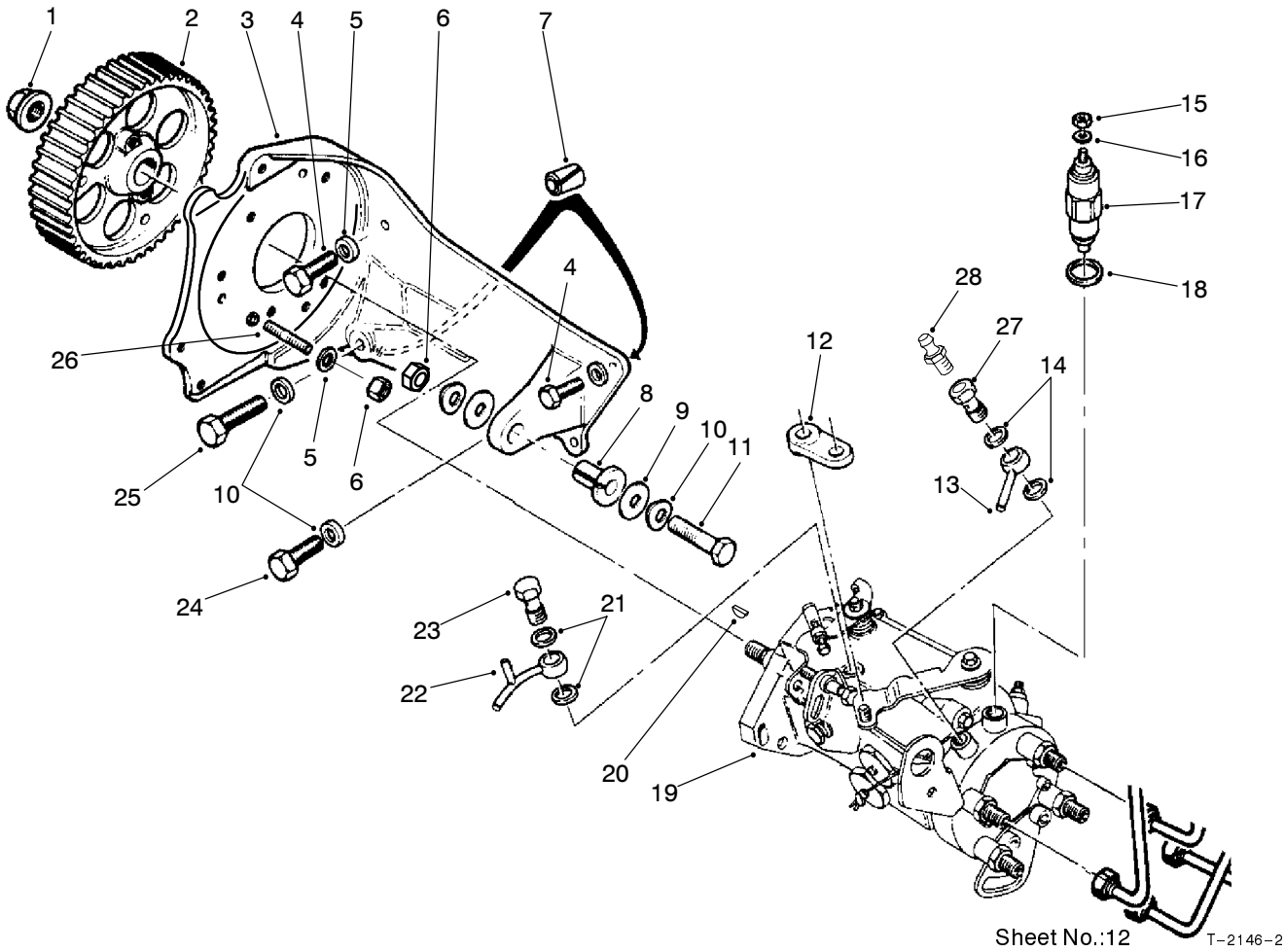
Sheet No.:11
T-2144-1

Water Pump Assembly

Ref. No.	Part No.	Qty.	Description
3	94-3197	1	O-Ring
4	94-3195	1	Gasket-Water Pump
5	94-3194	1	Cover-Water Pump
6	76-5500	5	Capscrew Hex Hd
7	94-3196	1	Water-Inlet
8	94-3198	2	Screw-HHF

Ref. No.	Part No.	Qty.	Description

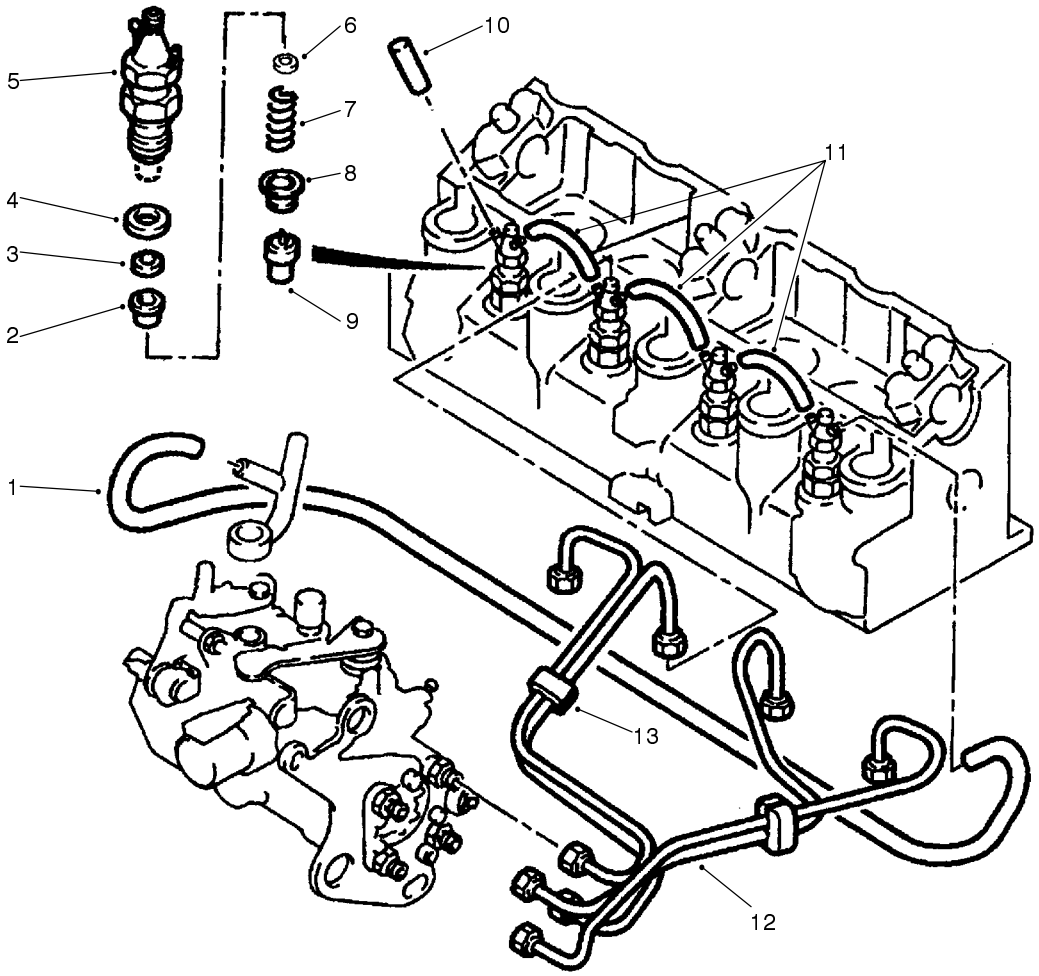
* Not illustrated



Fuel Injection Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	76-4950	1	Flange Nut
2	76-4940	1	Pump Pulley
3	94-3220	1	Bracket
4	94-3225	2	Screw-HH
5	76-4930	3	Washer
6	94-3165	4	Nut-Hex
7	74-8610	2	Spring Pin
8	74-8630	1	Flange Bushing
9	94-3224	2	Washer-Plate
10	94-3164	6	Washer-Spring
11	94-3221	1	Screw-HH
12	74-8650	1	Pacer
13	74-8670	1	Fuel Inlet ASM
14	74-8680	2	Gasket
15	94-3251	1	Nut-Lock
16	74-8710	1	Washer
17	93-5856	1	Solenoid Valve
18	94-3274	1	O-Ring
19	94-3219	1	Pump-Injection
20	94-3222	1	Key
21	74-8870	2	Gasket
22	94-3249	1	Outlet Tube
23	94-3250	1	Screw
24	94-3161	1	Screw-HH
25	94-3223	1	Screw-HH
26	76-4910	3	Stud

Ref. No.	Part No.	Qty.	Description
27	94-9969	1	Screw - Connection
28	94-9970	1	Screw - Purge



Sheet No.:13

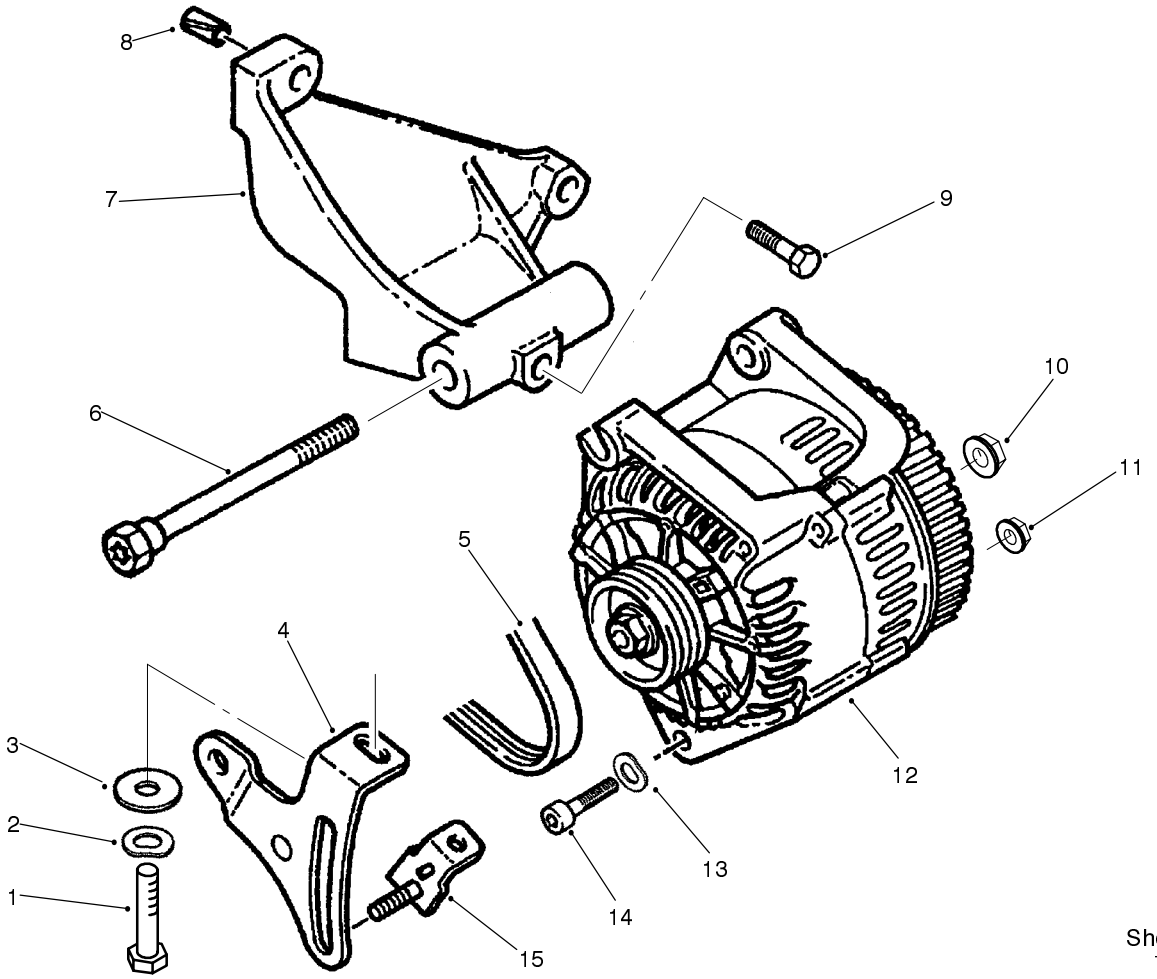
T-2145-1

Fuel Injector Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3230	1	Hose - Injection
2	76-5540	4	Injector Bushing
3	76-5530	4	Washer
4	94-3226	4	Gasket-Injector
5	76-5520	4	Fuel Injector Holder
6	94-3232	4	Washer-Calibration (.79)
6	94-3233	4	Washer-Calibration (.82)
6	94-3234	4	Washer-Calibration (.85)
6	94-3235	4	Washer-Calibration (.88)
6	94-3236	4	Washer-Calibration (.91)
6	94-3237	4	Washer-Calibration (.94)
6	94-3238	4	Washer-Calibration (.97)
6	94-3239	4	Washer-Calibration (1.0)
6	94-3240	4	Washer-Calibration (1.03)
6	94-3241	4	Washer-Calibration (1.06)

Ref. No.	Part No.	Qty.	Description
6	94-3242	4	Washer-Calibration (1.30)
6	94-3243	4	Washer-Calibration (1.33)
6	94-3244	4	Washer-Calibration (1.36)
6	94-3245	4	Washer-Calibration (1.39)
6	94-3246	4	Washer-Calibration (1.42)
6	94-3247	4	Washer-Calibration (1.45)
6	94-3248	4	Washer-Calibration (1.48)
7	94-3228	4	Spring
8	94-3227	4	Spacer
9	94-8147	4	Nozzle - Injector
10	74-8770	1	Plug
11	94-3229	3	Hose - Injector
12	74-8750	1	Injection Tube Set
13	94-3231	2	Bracket
*14	76-5600	4	Fuel Injector ASM

* Not illustrated

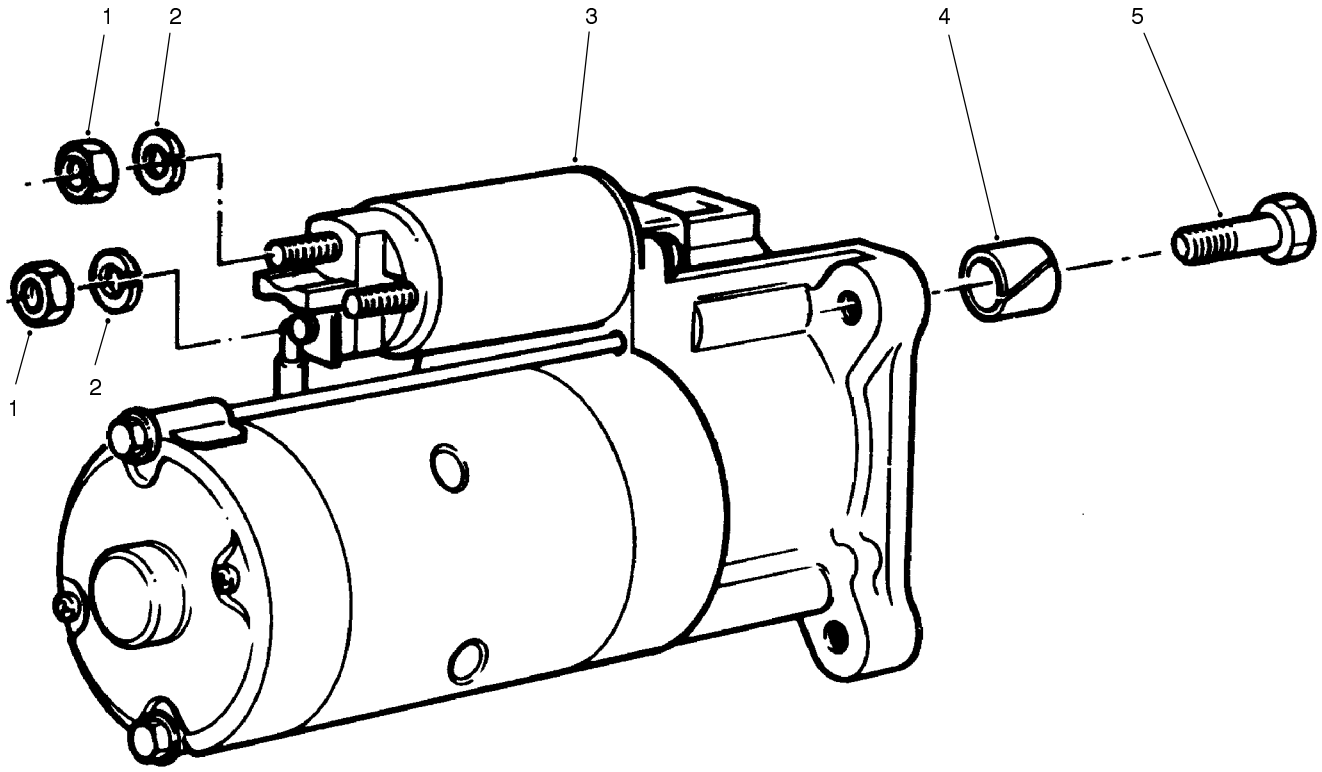


Sheet No.:14
T-2147-1

Alternator Assembly

Ref. No.	Part No.	Qty.	Description
1	76-5060	1	Screw-HH
2	76-5010	1	Washer-Spring
3	94-3260	1	Washer-Flat
4	94-3255	1	Slide
5	94-3256	1	Belt
6	94-3254	1	Screw
7	94-3253	1	Bracket-Alternator
8	74-8610	2	Spring Pin
9	76-5000	1	Adj Bolt
10	94-3262	1	Nut-HHF
11	94-3261	1	Nut-HHF
12	94-3252	1	Alternator
13	94-3257	1	Washer-Spring
14	94-3258	1	Capscrew
15	76-4990	1	Bolt-Slide

Ref. No.	Part No.	Qty.	Description



Sheet No.:15

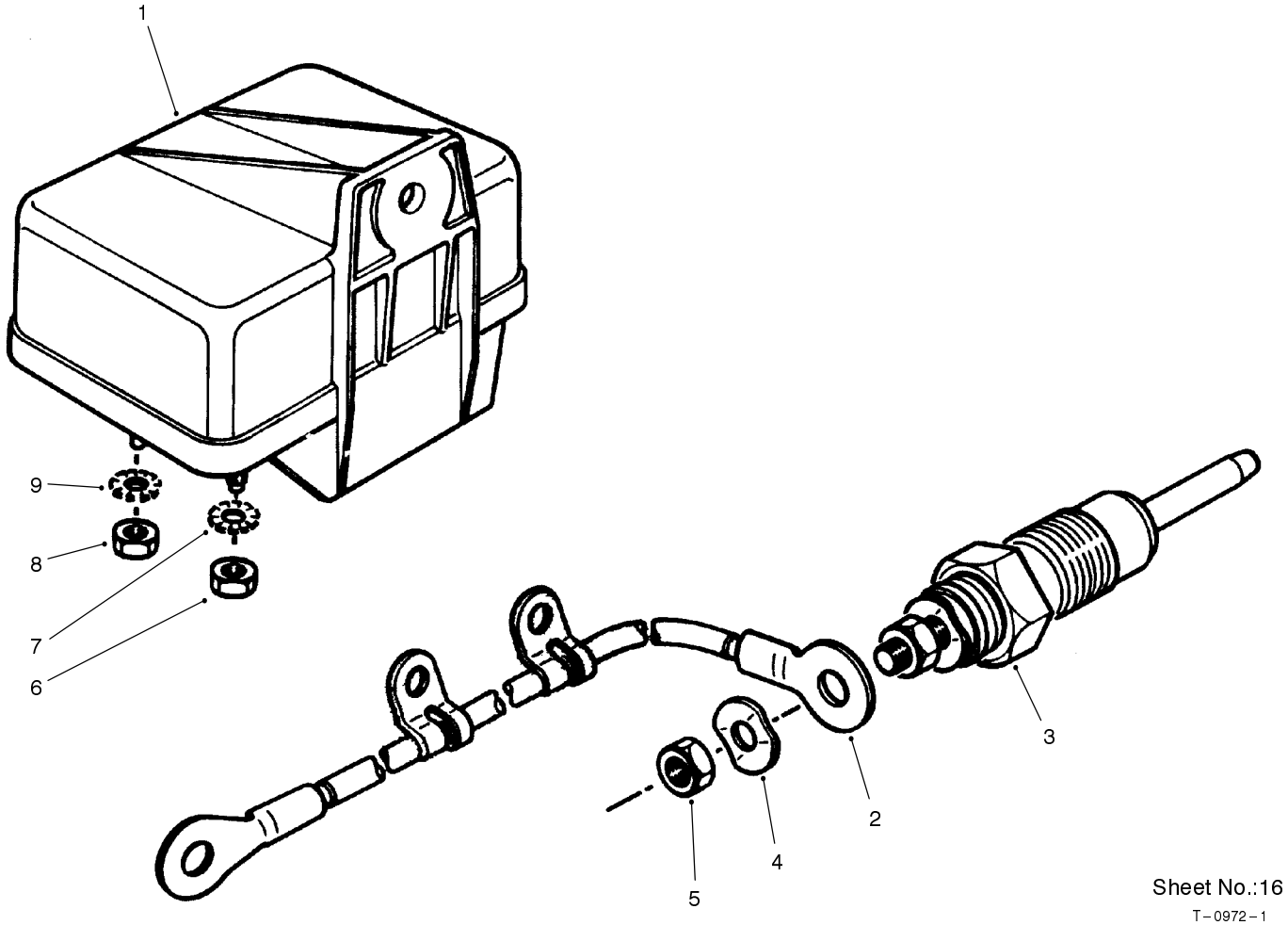
T-0968-1

Starter Assembly

Ref. No.	Part No.	Qty.	Description
1	46-0330	2	Nut-Lock
2	76-5570	2	Lockwasher
3	94-3263	1	Starter
4	76-5590	1	Sleeve-Spring
5	48-7810	3	Screw

Ref. No.	Part No.	Qty.	Description

3325-371



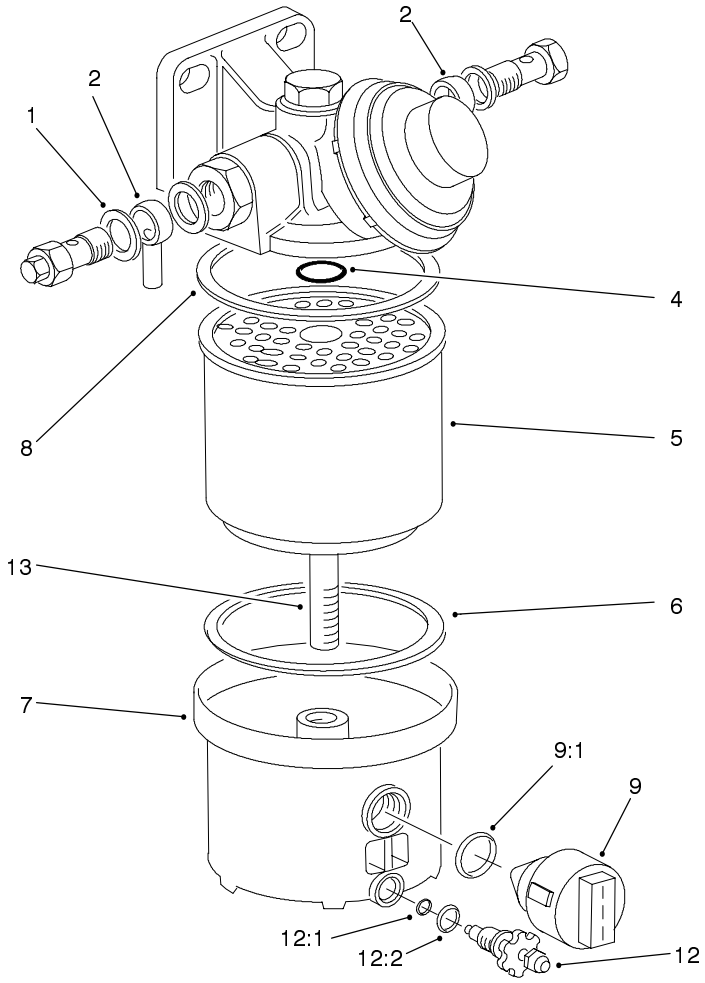
Sheet No.:16

T-0972-1

Glow Plug and Glow Relay

Ref. No.	Part No.	Qty.	Description
1	76-5260	1	Relay-Glow Plug
2	94-3265	4	Glow Plug Cable ASM
3	94-3264	4	Plug-Glow
4	76-5290	4	Spring Washer
5	94-3266	4	Nut
6	94-3267	1	Nut-Lock
7	76-5310	1	Washer
8	94-3251	1	Nut-Lock
9	74-8710	1	Washer

Ref. No.	Part No.	Qty.	Description



5 — 4, 6 & 8

Parts not listed in parts list are not serviced seperately.

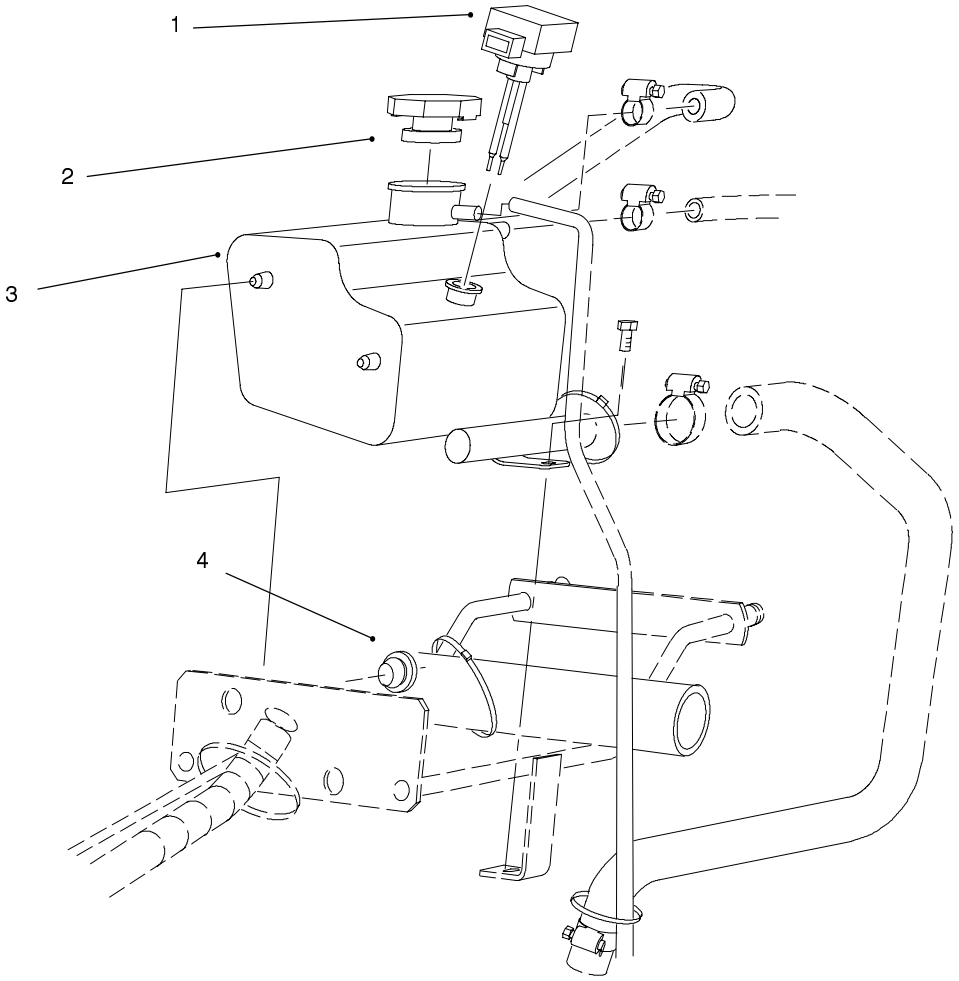
Sheet No.:17

T-0966-2

Fuel Filter Assembly # 76-5300

Ref. No.	Part No.	Qty.	Description
1	76-5180	4	Copper Washer
2	76-5190	2	Fitting-Adj.
5	76-5220	1	Filter Element
9	76-5320	1	Probe-Water Sensor
9:1	94-8025	1	O-Ring
12	94-8026	1	Screw - Vent
12:1	94-8027	1	O-Ring
12:2	94-8028	1	O-Ring

Ref. No.	Part No.	Qty.	Description



Sheet No.:18

T-3508

Degassing Box Assembly

Ref. No.	Part No.	Qty.	Description
1	94-9984	1	Sensor-Water Level
2	94-2800	1	Cap-Pressure
3	98-1805	1	Degasing Box
4	94-2801	2	Grommet-Rubber

Ref. No.	Part No.	Qty.	Description

Maintenance Record

Date								


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