



Reelmaster[®] 6700D

Traction Unit

Model No. 03805—200000001 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.

Contents

Description	Page	Description	Page
Frame and Body Assembly	4	Reel Motor Assembly # 98–9999	50
Steering Tower Assembly	6	End Weight Assembly	51
Traction and Brake Pedal Assembly	8	Lift Arm Assembly	52
Seat Frame Assembly	9	Hydraulic Lift Cylinder Assembly No. 93–2631 ..	54
Throttle Assembly	10	Roll Over Protection System (ROPS)	55
Seat Suspension Assembly NO. 75–3000	11	Rear Axle Assembly No. 100–3784	
Control Console Assembly	12	Bevel Pinion Shaft Assembly	56
Hydraulic Filter and Reservoir Assembly	14	Rear Axle Assembly No. 100–3784 (Continued)	
Fuel Tank and Filter Assembly	15	Differential Assembly	57
Fuel Filter Assembly # 76–5300	16	Rear Axle Assembly No. 100–3784 (Continued)	
Front Hydraulic Drive and Brake Assembly	17	Axle Support Assembly	58
Planetary Drive Assembly # 92–7415–03	19	Rear Axle Assembly No. 100–3784 (Continued)	
LH – Brake Assembly	20	Bevel Gear Case Assembly	59
RH – Hydraulic Motor Assembly # 92–7385 ...	21	Rear Axle Assembly No. 100–3784 (Continued)	
RH – Brake Assembly	22	Bevel Gear Shaft Assembly	60
LH – Hydraulic Motor Assembly # 93–7476 ...	23	Rear Axle Assembly No. 100–3784 (Continued)	
Hydraulic Pump Installation Assembly	24	Axle Case Assembly	61
Gear Pump Assembly # 94–3066	25	Rear Axle Assembly No. 100–3784 (Continued)	
Servo Controlled Piston Pump Asm # 98–3730	26	Axle Assembly	62
Servo Controlled Piston Pump Asm # 98–3730	27	Crankcase Assembly	63
Manual Servo Control # 94–3019	28	Crankshaft Assembly	64
Radiator and Shroud Assembly	29	Cylinder Head Assembly	65
Engine Installation Assembly	30	Camshaft and Fan Support Assembly	69
Engine Components Assembly	31	Timing Cover Assembly	70
Air Cleaner Assembly # 93–7485	32	Intake and Exhaust Manifold Assembly	71
4WD – Rear Axle Assembly	33	Oil Pump Assembly	72
4WD – Rear Axle Assembly	34	Collector Assembly	73
Hydraulic Motor Assembly # 92–7386	35	Water Pump Assembly	74
Hydraulic Cylinder Assembly No. 98–3806	36	Fuel Injection Pump Assembly	75
Rear Hydraulic Control Block and Tube Asm ..	37	Fuel Injector Assembly	76
Front Lift Arm Assembly	38	Alternator Assembly	77
Hydraulic Cylinder Assembly # 99–6986	40	Starter Assembly	78
Hydraulic Cylinder Assembly # 93–2650	41	Glow Plug and Glow Relay	79
Rear Hydraulic Control Block Assembly	42	Fuel Filter Assembly # 76–5300	80
Manifold Block Assembly No. 100–3780	44	Degassing Box Assembly	81
Rear Lift Arm Assembly	45	Hydraulic Schematic	82
Hydraulic Cylinder Assembly # 99–2550	46	Electrical Schematic	83
Front Hydraulic Control Block and Hose Asm ..	47	Diagnostic ACE Display Assembly	84
Front Manifold Block Assembly # 100–3800 ...	48	Gauge Bar and Backlapping Brush Assembly ..	85
Reel Motor and Hose Assembly	49		

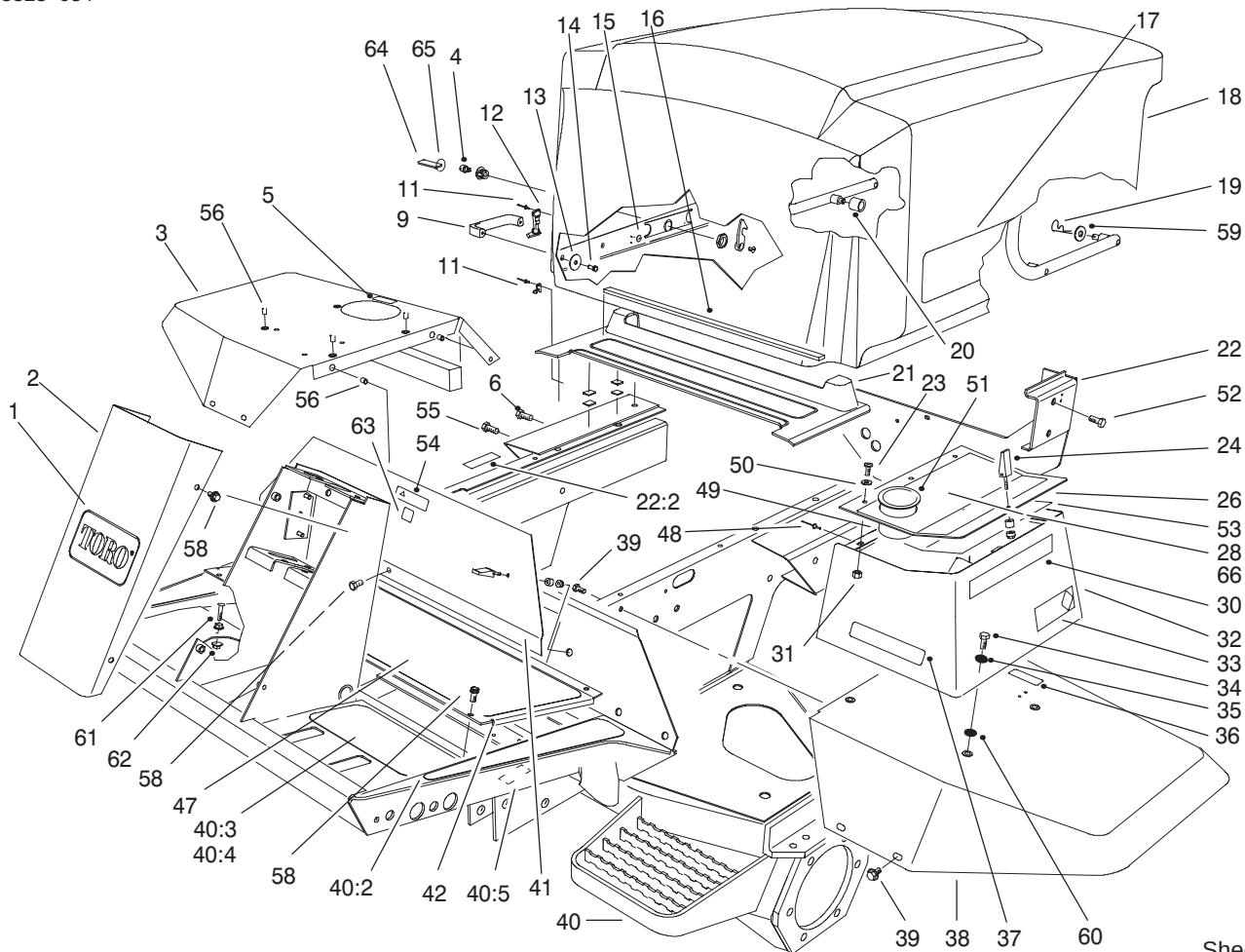
Accessories

Description	Model / Part No.	Description	Model / Part No.
5 Blade Cutting Unit	03857	High Height of Cut Kit	03880
7 Blade Cutting Unit	03858	Arm Rest Kit	30707
11 Blade Cutting Unit	03859	Grass Basket Kit	03882
Dethatching Cutting Unit	03871	ROPS Accessories Kit	92–7571
Rear Weight Kit	94–2836	Accessory Kit	99–8957
Rear Roller Scraper Kit	98–7996	Japanese, Decal Kit	94–2831
Front Roller Scraper Kit	95–7737	Electronic Leak Detector Kit	03521

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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



Sheet No.:2

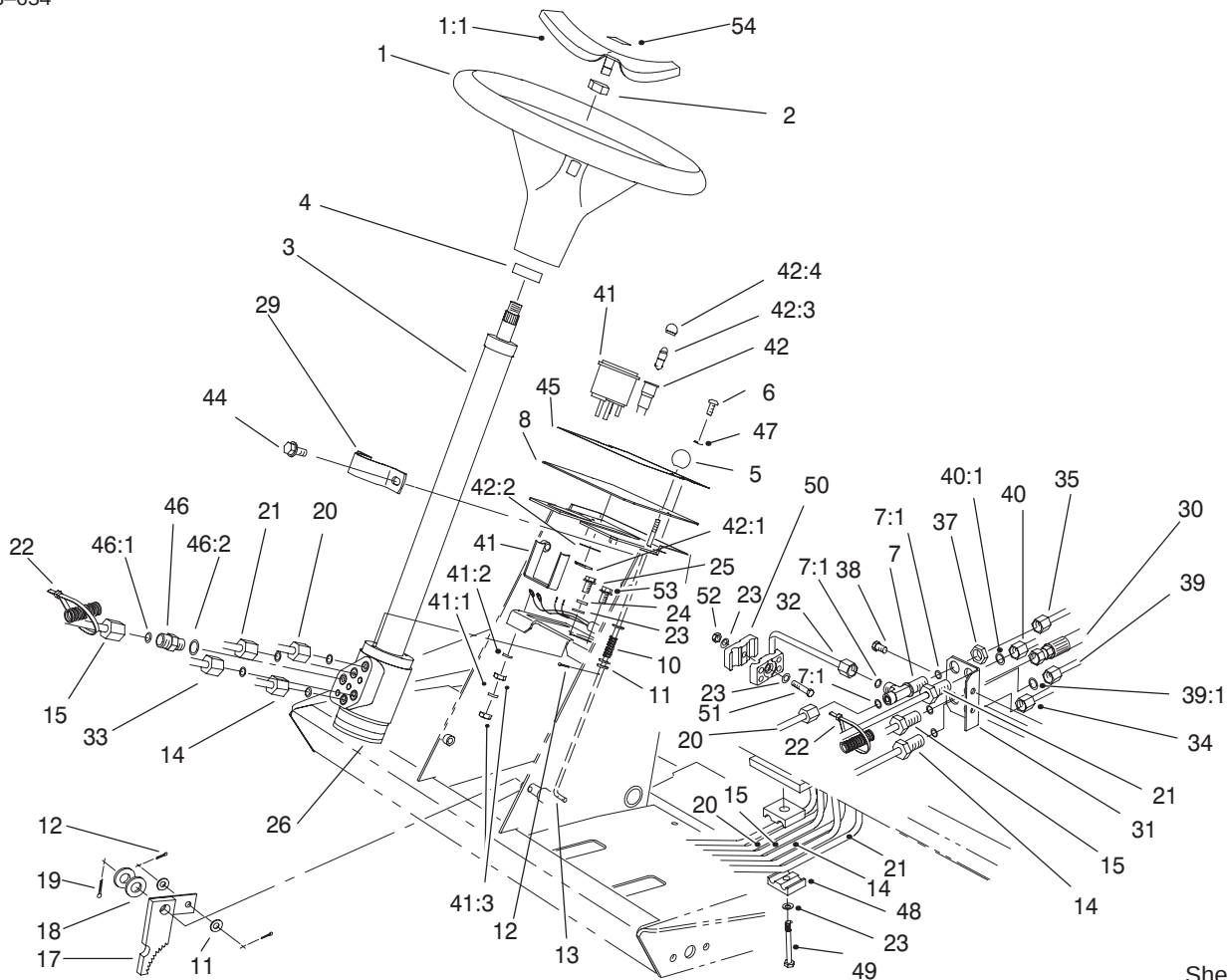
Frame and Body Assembly

Ref. No.	Part No.	Qty.	Description
1	62-5550	1	Decal
2	93-7996-01	1	Cover – Tower
3	94-3049-01	1	Fender, RH
4	98-5398	1	Latch
5	93-6686	1	Decal–Oil, Hydraulic
6	33106-035	8	Screw–HHF
9	65-5100	1	Handle–Door
11	3269-8	4	Rivet, 1/8" diam
12	59-9740	1	Flex Draw Latch ASM
13	3256-78	2	Washer–Flat
14	46-8091	2	Screw–HWH
15	3269-10	2	Washer–Back
16	92-7633	1	Bumper – Hood
17	92-7524	2	Decal – Rm 6700
18	99-8952	1	Hood
19	3290-467	2	Pin–Hair
20	93-7582	1	Hose
21	94-2617	1	Pump Cover ASM
22	100-3825	1	Rear Frame ASM
22:2	93-1265	1	Decal – Hot Surface
23	3258-166	3	Screw
24	74-5950	3	Latch–Swell
26	93-9180-03	1	Cover–Tool Box
28	93-1262	1	Decal–Hillside
30	72-3560	1	Decal
31	32128-33	3	Nut–HF

Ref. No.	Part No.	Qty.	Description
32	75-5810-03	1	Box–Tool
33	93-0096	2	Decal–Ace
34	322-3	4	Screw–HH
35	3256-3	4	Washer–Flat
36	93-6680	1	Decal – Diesel Only
37	93-6689	1	Decal – No Riders
38	75-3860	1	Fender–LH
39	3234-14	10	Screw–HHF
40	100-3805	1	Front Frame ASM
40:2	93-7592	2	Tread Foot Rest – LH
40:3	75-0620	1	Tread–Foot, LH
40:4	75-0610	1	Tread–Foot, RH
40:5	93-6693	1	Decal–Plate, Floor
41	75-1390-01	1	Cover–Access, Front
42	75-1410-01	1	Plate–Access, Floor
47	75-0630	1	Tread–Foot, Center
48	93-8744	3	Pop – Rivet
49	75-5780	1	Hinge–Steel
50	3256-1	3	Washer–Flat
51	94-1410	1	Holder – Beverage Can
52	33108-035	6	Screw–HHF
53	100-3738	1	Decal – Quick Reference
54	93-9425	1	Decal – Danger
55	3234-18	2	Capscrew

Frame and Body Assembly (Continued)

5



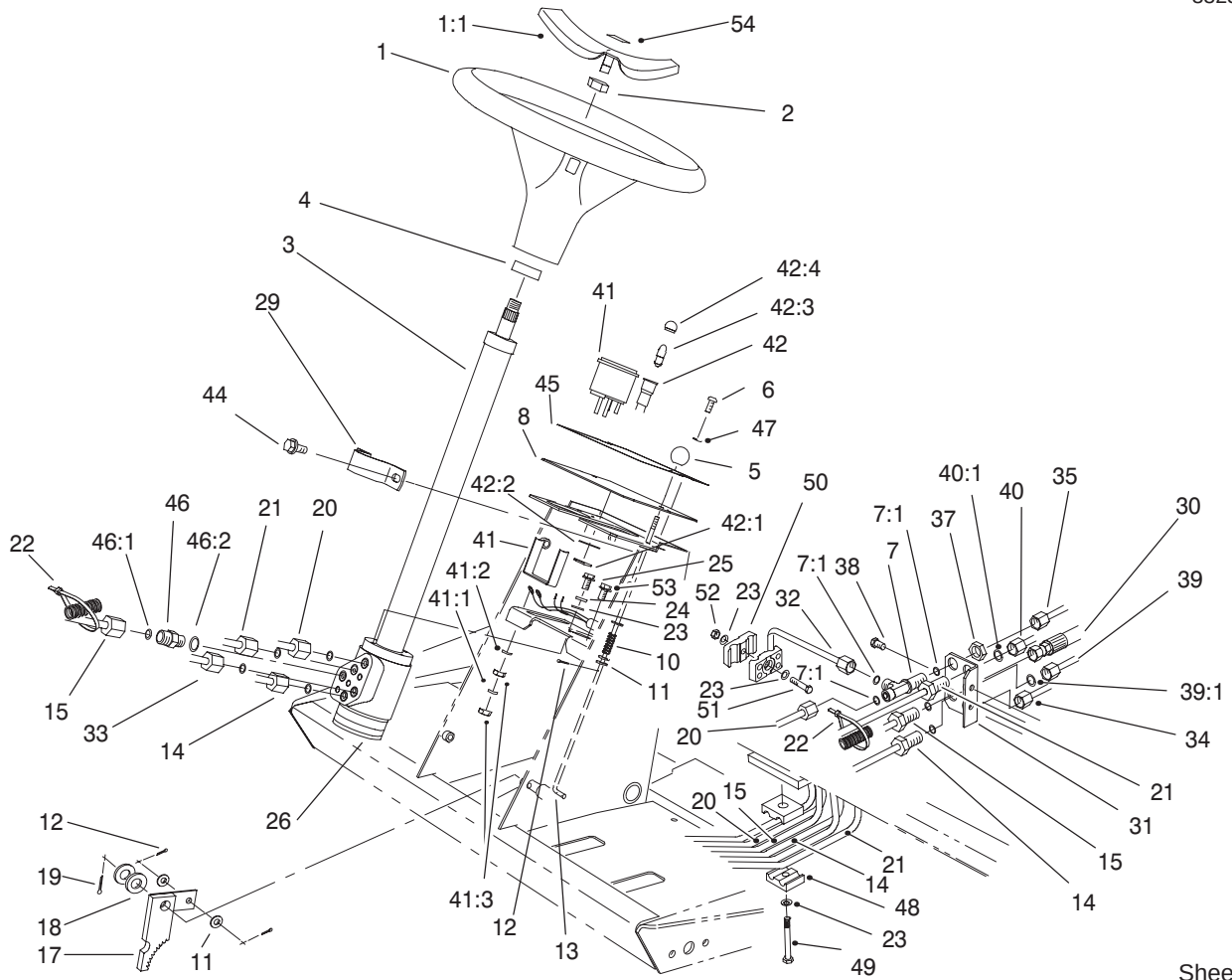
Sheet No.:3

Steering Tower Assembly

Ref. No.	Part No.	Qty.	Description
1	98-1471	1	Wheel – Steering 14"
1:1	98-1468	1	Cover – Wheel, Steering
2	94-9952	1	Nut – Hex
3	94-9951	1	Column – Steering
4	21-9260	1	Cover-Dust
5	233-17	1	Knob
6	87-6620	2	Screw-Special
7	340-68	1	Fitting-Tee, Bulkhead
7:1	237-22	3	O-Ring
8	93-7998-03	1	Plate – Instrument
*9	3290-379	1	Tie-Cable
10	95-1821-03	1	Spring – Compression
11	3256-22	5	Washer-Flat
12	3272-5	3	Pin-Cotter
13	75-1490	1	Rod-Brake, Parking
14	94-3059	1	Hyd Tube ASM
15	94-3061	1	Hyd Tube ASM
17	63-7900-03	1	Rack
18	3256-26	2	Washer-Flat
19	3272-10	1	Pin-Cotter
20	94-3062	1	Hyd Tube ASM
21	94-3060	1	Hyd Tube ASM
22	3290-378	4	Tie-Cable
23	3256-23	6	Washer-Flat
24	3255-8	1	Washer-Lock/Ext

Ref. No.	Part No.	Qty.	Description
25	33103-025	1	Screw-HHF
26	100-3793	1	Control-Steering
29	75-2810	1	Bracket-Column, Steering
30	92-7622	1	Hose ASM
31	92-7606-03	1	Bracket – Bulkhead
32	94-1447	1	Steering Return Tube ASM
33	94-3071	1	Hyd Tube ASM
34	92-7601	1	Tube ASM – Rear
35	92-7602	1	Tube ASM – Aux Return
37	340-70	5	Locknut-Bulkhead
38	32144-11	2	Screw-TAP
39	92-7494	1	Rear Steering Tube ASM
39:1	237-22	1	O-Ring
40	92-7495	1	Steering Tube ASM
40:1	237-22	1	O-Ring
41	93-4213	1	Speedometer
41:1	3253-2	9	Washer-Lock/Sp
41:2	3256-14	2	Washer-Flat
41:3	3219-14	3	Nut-Hex
42	44-2210	1	Light-Indicator, Red
42:1	218-535	1	Nut-Hex
42:2	218-536	1	Washer-Lock

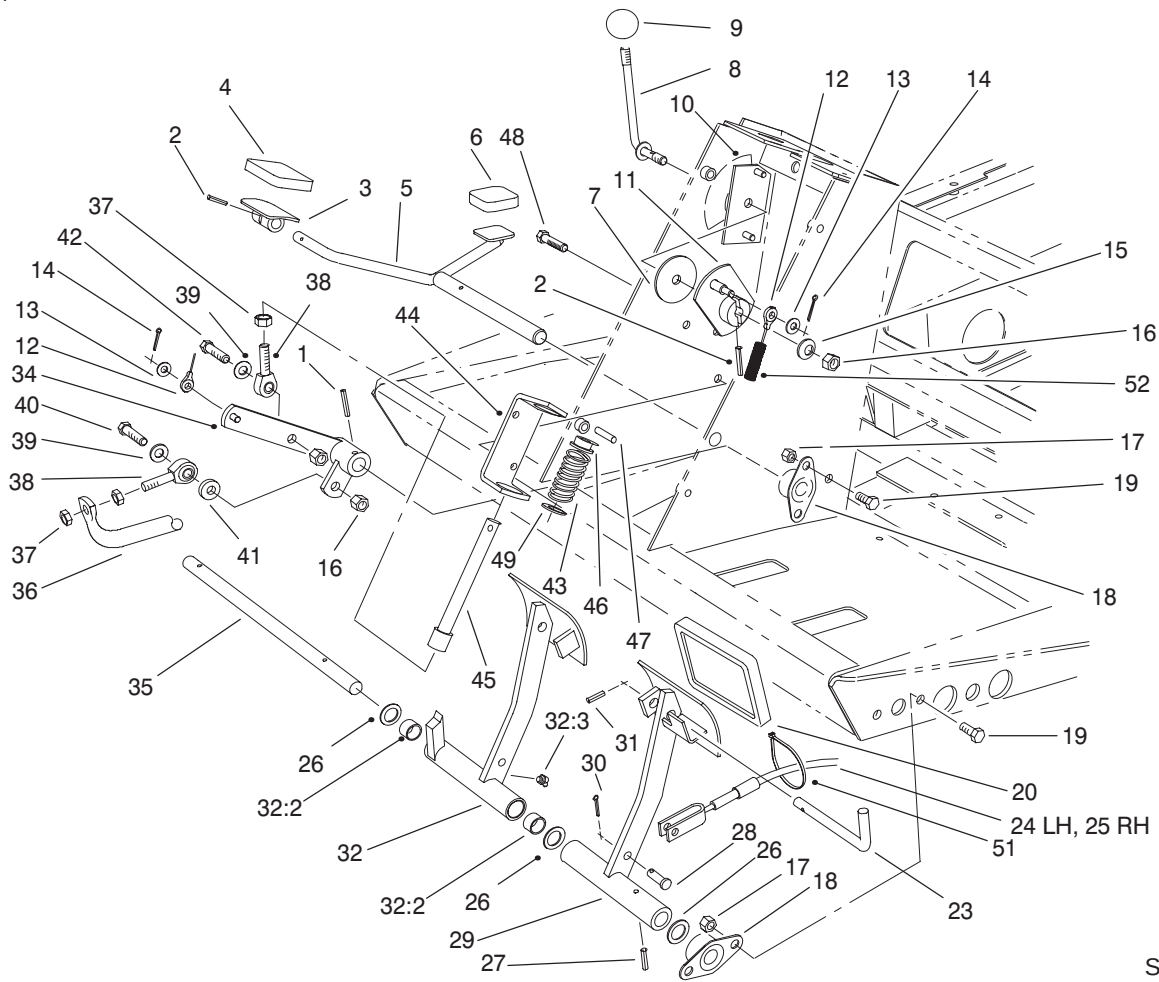
* Not illustrated



Sheet No.:3

Steering Tower Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
42:3	93-7480	1	Led-Miniature Bayonet				
42:4	218-533	1	Lens				
44	3234-7	2	Screw-HHF				
45	93-1263	1	Decal-Tower				
46	340-2	5	Adapter				
46:1	237-22	1	O-Ring				
46:2	237-42	1	O-Ring				
47	3256-1	2	Washer-Flat				
48	56-7973	6	Clamp-Tube				
49	322-6	3	Screw-HH				
50	56-7972	2	Tube Clamp				
51	322-7	1	Screw-HH				
52	3296-47	1	Nut-Lock, NI				
53	33103-020	2	Screw-HHF				
54	98-1459	1	Decal-Toro				

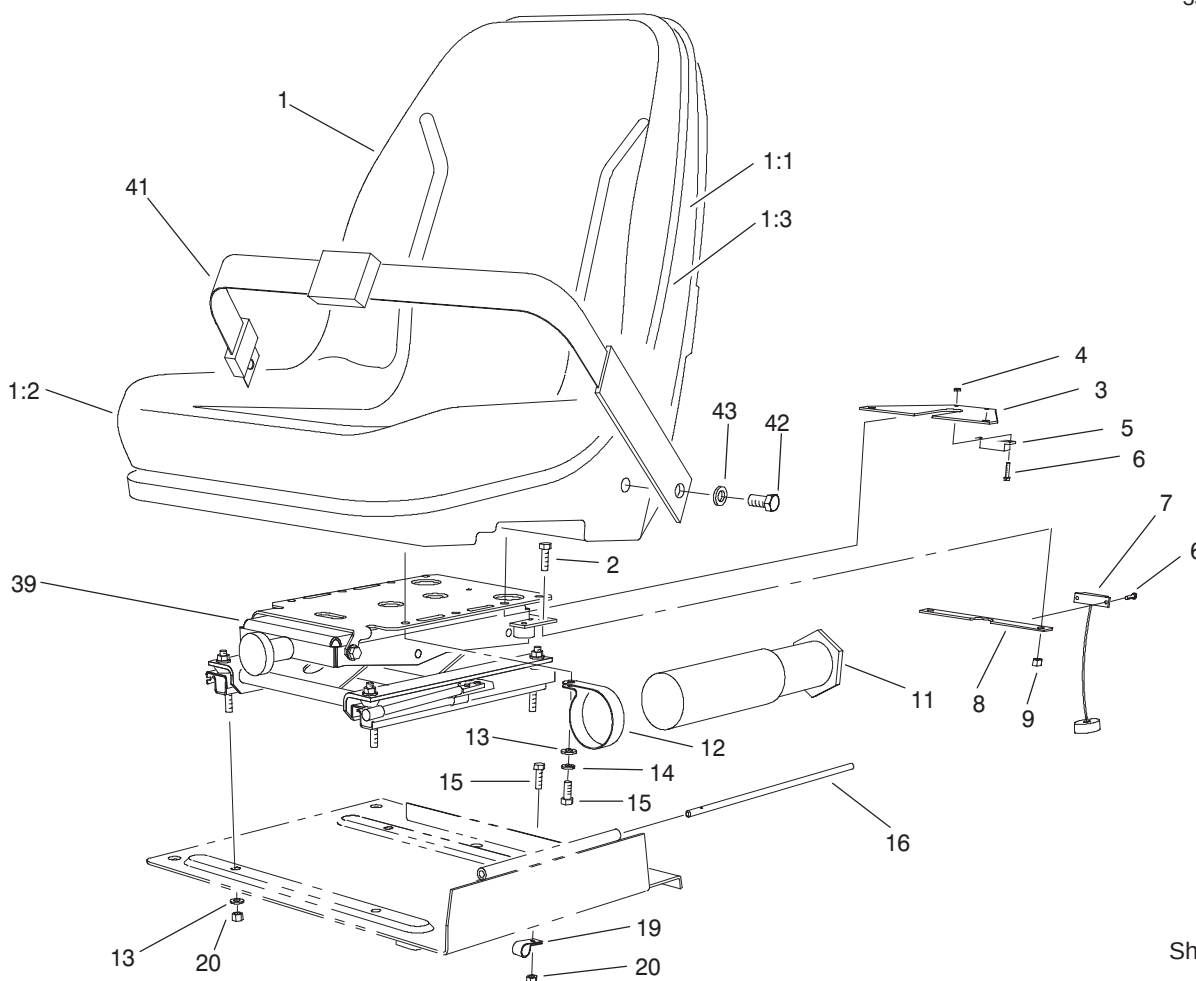


Sheet No.:4

Traction and Brake Pedal Assembly

Ref. No.	Part No.	Qty.	Description
1	32121-6	1	Pin-Roll
2	32121-45	2	Pin-Spring
3	49-6440-03	1	Pedal-Forward
4	74-9100	1	Pad-Pedal, Forward
5	75-2970	1	Pedal-Traction
6	74-9110	1	Pad-Pedal, Reverse
7	75-6550	1	Disc-Friction
8	75-6490	1	Lever
9	233-42	1	Knob
10	93-6699	1	Decal - Fast/Slow
11	75-6510	1	Bracket-Lever
12	75-6580	1	Cable - Pedal
13	3256-22	2	Washer-Flat
14	3272-2	2	Pin-Cotter
15	3290-461	1	Washer-Spring
16	3296-39	3	Nut-Lock, NI
17	32128-20	8	Nut-HF
18	256-236	4	Bearing-Mount, Flange
19	322-3	8	Screw-HH
20	93-8742	2	Footpad - Brake
23	63-7880	1	Pin-Latch, Brake
24	92-7530	1	LH Brake Cable ASM
25	92-7529	1	RH Brake Cable ASM
26	3256-69	3	Washer-Flat
27	32121-16	1	Pin-Spring

Ref. No.	Part No.	Qty.	Description
28	283-58	2	Pin-Clevis
29	75-1440-03	1	Pedal-Brake, LH
30	3272-10	2	Pin-Cotter
31	32121-50	1	Pin-Spring
32	75-1430	1	Pedal-Brake, RH
32:2	256-42	2	Bushing
32:3	302-5	1	Fitting-Lube
34	75-3270-03	1	Hub-Pivot, Traction
35	75-1470	1	Pin-Pivot, Brake
36	92-7531-03	1	Tube - Pump Control
37	3220-3	3	Nut-Jam
38	2411-36	2	Bearing-End, Rod
39	3256-24	2	Washer-Flat
40	323-9	1	Screw-HH
41	5-0652	1	Washer
42	323-29	1	Screw-HH
43	60-5700	1	Spring
44	92-7608-03	1	Bracket-Spring
45	92-7609	1	Shaft - Spring
46	92-7610	1	Retainer - Spring
47	32121-11	1	Pin-Roll
48	32144-14	2	Screw-HWH
49	3256-5	1	Washer-Flat
51	3290-378	1	Tie-Cable
52	95-7151	1	Tube-Convolved

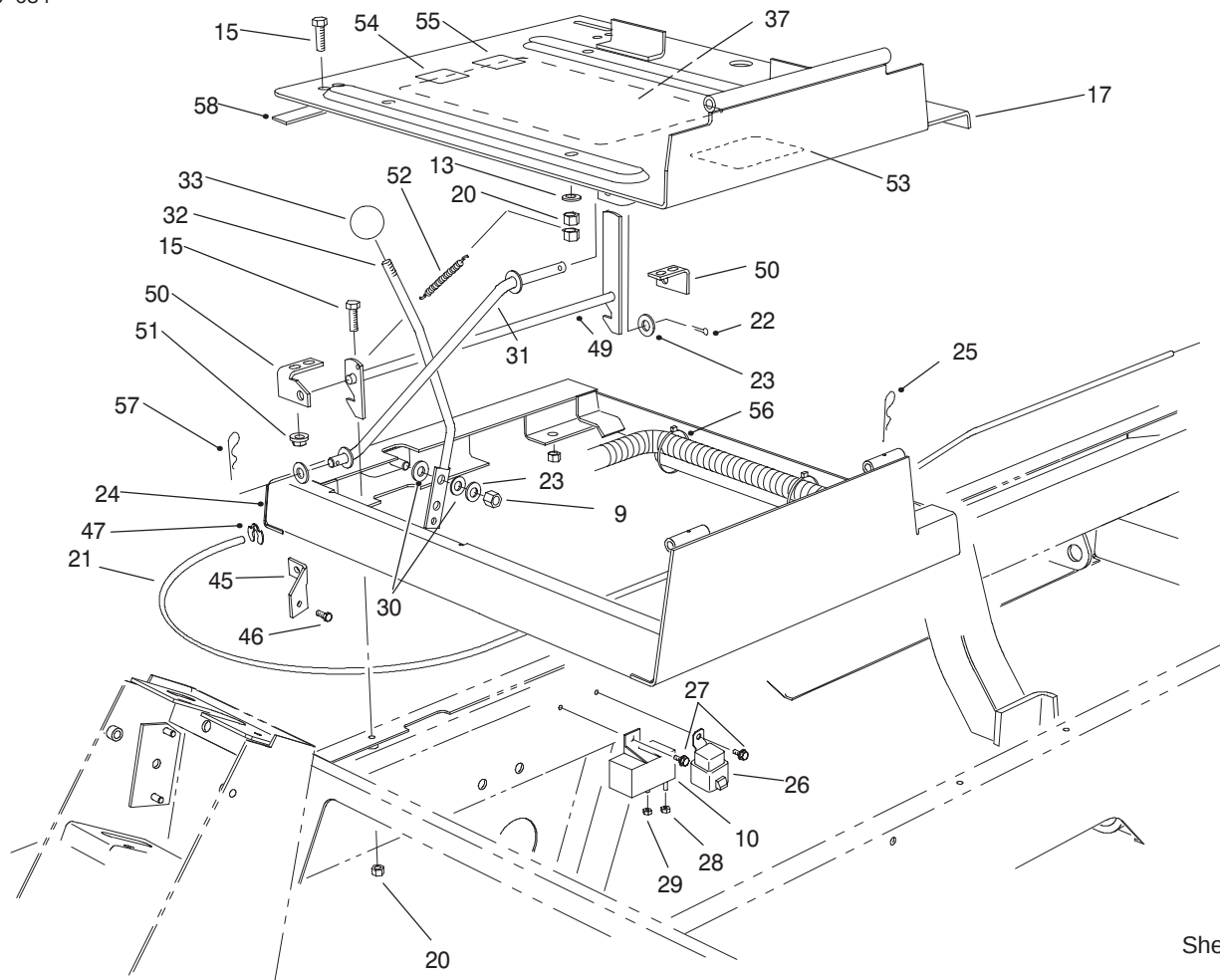


Sheet No.:5
T-3484

Seat Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	92-1180	1	Seat-Olympic
1:1	92-6534	1	Shell
1:2	92-6533	1	Kit-Cushion, Seat
1:3	351-78	1	Edging
2	323-4	2	Screw-HH
3	75-4370-03	1	Bracket-Seat
4	3296-54	4	Nut-Lock NI
5	92-8753	1	Magnet-Switch, Reed
6	3250-29	4	Screw-PPH
7	92-8001	1	Sensor-Switch, Reed
8	75-4360-03	1	Bracket-Suspension, Seat
9	3296-39	3	Nut-Lock, NI
11	74-0720	1	Tube-Manual
12	2412-133	2	R-Clamp
13	3256-23	8	Washer-Flat
14	3253-4	4	Washer
15	322-3	12	Screw-HH
16	75-3400	1	Shaft-Pivot, Seat
19	2412-93	1	R-Clamp
20	3296-29	10	Nut-Lock, NI
39	75-3000	1	Suspension-Seat
41	21-4191	1	Seat Belt ASM
42	3212-4	2	Screw-HH
43	3253-6	2	Washer-Lock/Sp

Ref. No.	Part No.	Qty.	Description



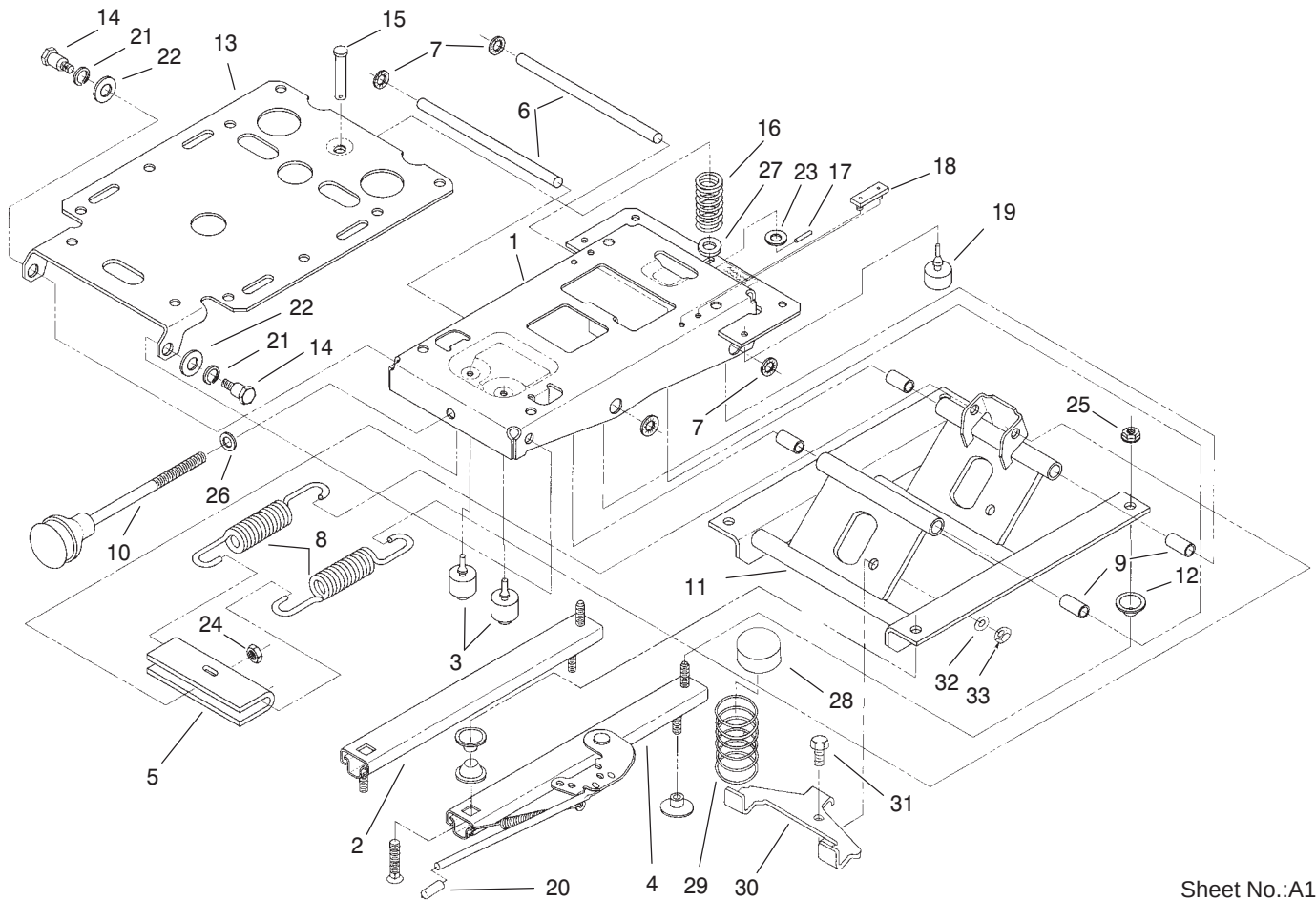
Sheet No.:A

T-3485

Throttle Assembly

Ref. No.	Part No.	Qty.	Description
9	3296-39	3	Nut-Lock, NI
10	76-5260	1	Relay-Glow Plug
13	3256-23	8	Washer-Flat
15	322-3	12	Screw-HH
17	98-2350-03	1	Plate-Seat
20	3296-29	10	Nut-Lock, NI
21	92-7520	1	Throttle Cable ASM
22	3272-10	1	Pin-Cotter
23	3256-24	3	Washer-Flat
24	98-2352-03	1	Frame-Seat
25	3290-467	1	Pin-Hair
26	70-1480	1	Relay
27	32144-10	2	Screw-HWH
28	48-7880	1	Nut
29	48-7890	1	Nut
30	52-2900	2	Washer
31	75-3680-03	1	Rod-Seat
32	93-7598-03	1	Lever - Throttle
33	233-42	1	Knob
37	98-8110	1	Decal - Clip
45	92-7396-03	1	Mount-Cable
46	49-2040	1	Screw-Taptite
47	52-5910	1	Ring-Retaining
49	98-2354-03	1	Latch-Seat
50	98-2353	2	Bracket-Latch, Seat
51	32128-25	4	Nut-Flange

Ref. No.	Part No.	Qty.	Description
52	66-4190-03	1	Spring-Idler, Clutch
53	98-8109	1	Decal - Rear Manifold Blk
54	63-9920	1	Decal-Level, Noise
55	85-6910	1	Decal-Noise Rating
56	3290-379	3	Tie-Cable
57	3290-307	1	Hairpin
58	94-8146	1	Strip - Foam

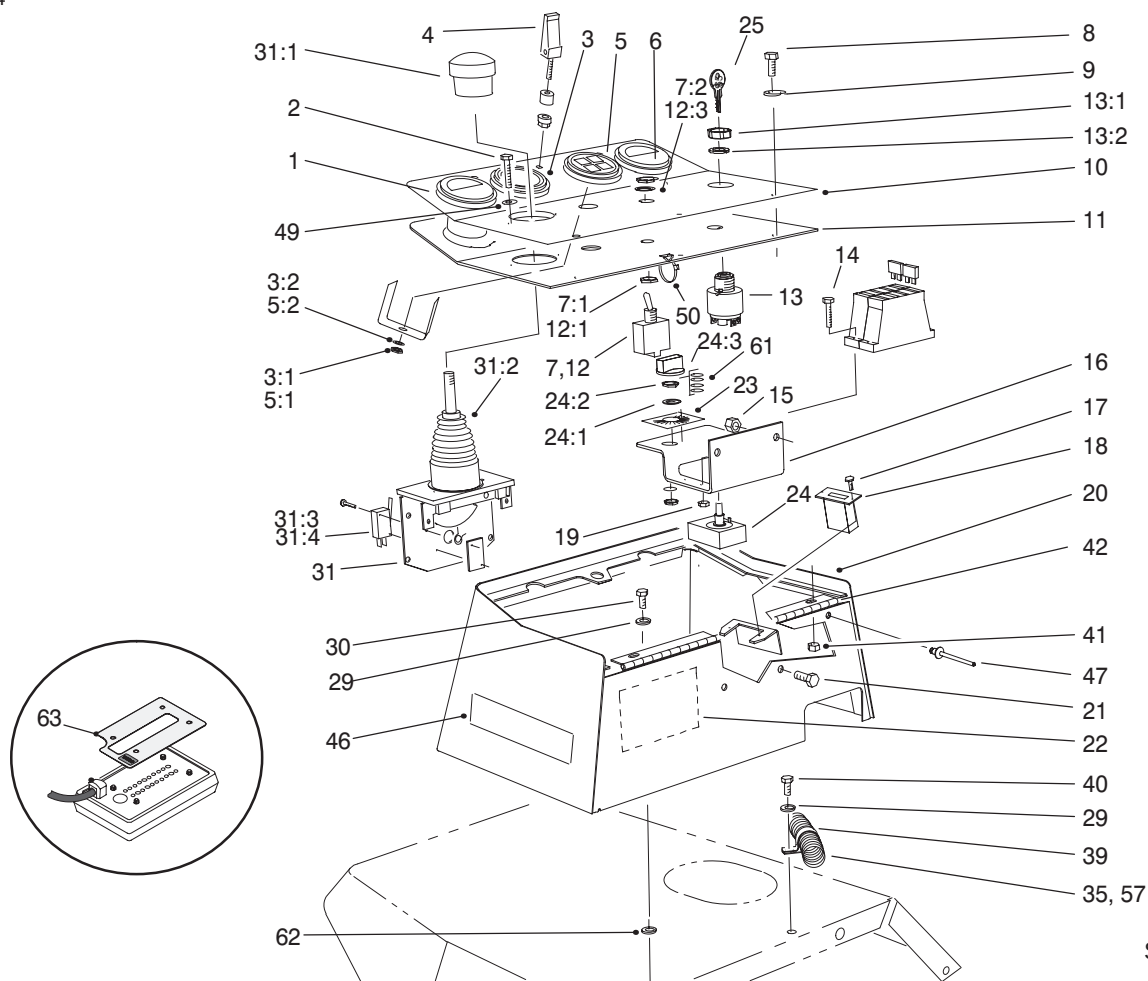


Sheet No.:A1

T-3437

Seat Suspension Assembly NO. 75-3000

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	75-3480	1	Frame-Upper	26	3256-46	1	Washer-Flat
2	66-8530	1	Adjuster	27	3256-5	1	Washer-Flat
3	66-8520	2	Bumper-Downstop	28	93-3164	2	Cap
4	82-9060	1	Adjuster w/Handle	29	93-3163	2	Spring
5	77-2870	1	Hanger-Spring	30	93-3165	1	Bracket
6	76-1910	2	Shaft-Pivot	31	322-6	1	Screw-HH
7	66-8560	4	Nut-Push	32	3253-33	1	Washer-Lock/Sp
8	76-1940	2	Spring-Extension	33	3217-6	1	Nut-Hex
9	76-1920	4	Bearing-Sleeve				
10	76-1930	1	Knob-Adjuster, Tension				
11	66-8610	1	Frame-Lower				
12	66-9290	6	Spacer-Suspension				
13	75-3580	1	Plate-Seat				
14	75-3510	2	Bolt				
15	80-4860	1	Pin - Clevis				
16	75-3530	1	Spring				
17	75-3540	1	Pin-Roll				
18	75-3550	2	Bumper				
19	76-2940	2	Bumper				
20	75-3570	1	Tip				
21	3253-6	2	Washer-Lock/Sp				
22	3256-26	2	Washer-Flat				
23	3256-24	1	Washer-Flat				
24	3296-44	1	Nut-Lock NI				
25	32128-26	4	Nut-Flange				



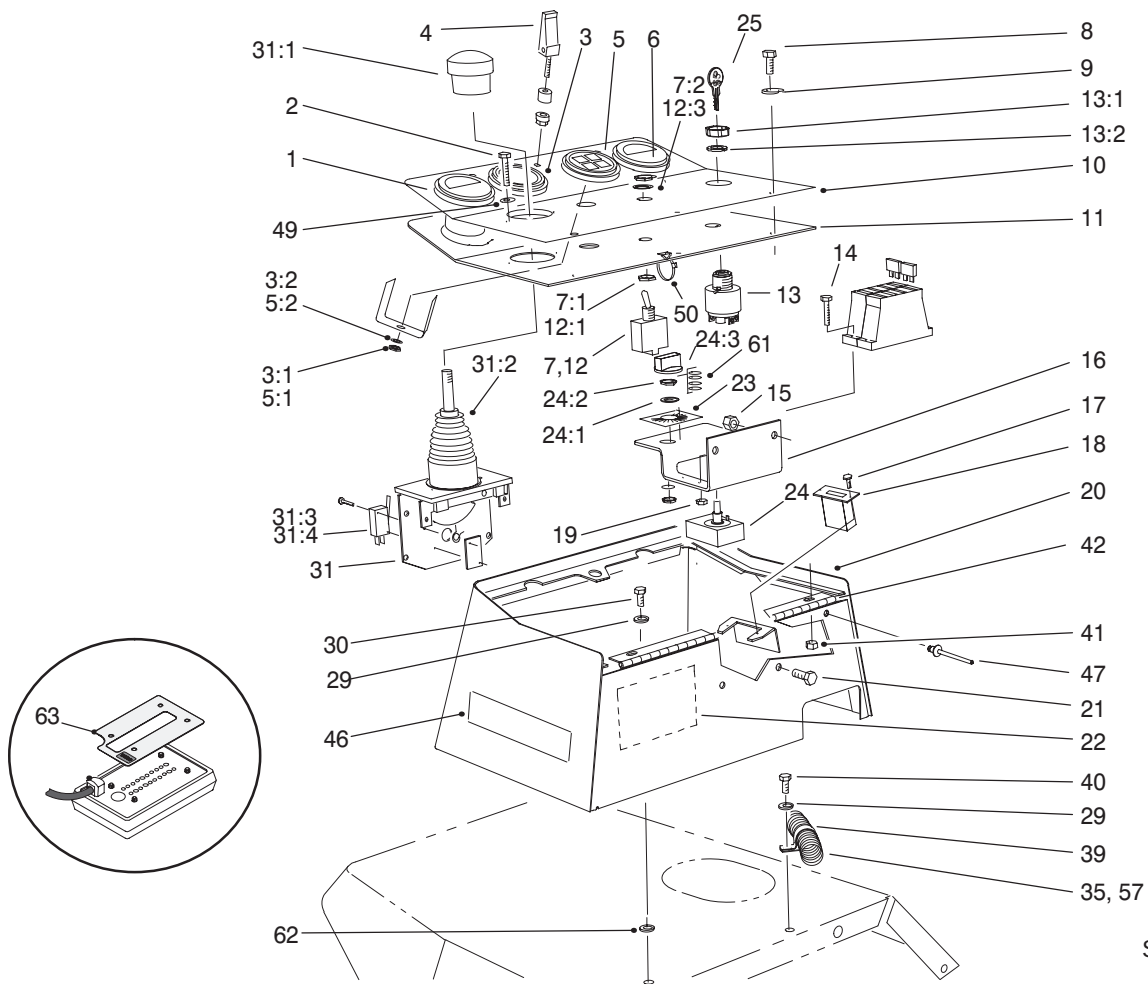
Sheet No.:6

Control Console Assembly

Ref. No.	Part No.	Qty.	Description
1	93-8497	1	Gauge-Fuel
2	60-6500	4	Screw-HH
3	93-7484	1	Lamp Cluster
3:1	3217-26	1	Nut-Hex
3:2	3254-1	1	Washer-Lock/Int
*3:4	87-6270	4	Socket - Light
*3:5	219-17	4	Bulb
4	74-5950	1	Latch-Swell
5	93-7483	1	Lamp Cluster
5:1	3217-26	1	Nut-Hex
5:2	3254-1	1	Washer-Lock/Int
*5:4	87-6270	4	Socket - Light
*5:5	219-17	4	Bulb
6	76-9060	1	Gauge-Temperature
*6:1	3219-14	6	Nut-Hex
*6:2	3253-2	5	Washer-Lock/Sp
*6:3	3256-14	2	Washer-Flat
7	75-1010	2	Switch - Reels
7:1	218-498	2	Locknut-Hex
7:2	218-589	1	Washer
*7:3	218-588	2	Screw
*7:4	3253-19	2	Washer-Lock/Sp
8	3258-166	3	Screw
9	3256-1	3	Washer-Flat
10	99-8964	1	Decal - Console
11	94-1401-03	1	Panel,Control-6700d

Ref. No.	Part No.	Qty.	Description
12	99-8352	1	Switch - Backlap
12:1	218-498	2	Locknut-Hex
*12:2	218-588	3	Screw
12:3	218-589	1	Washer
*12:4	3253-19	3	Washer-Lock/Sp
13	27-2360	1	Switch-Key
13:1	218-446	1	Nut-Hex
13:2	218-447	1	Washer-Lock
14	32105-13	4	Screw-Shh
15	3296-42	2	Nut-Lock
16	93-7587	1	Bracket-Fuse Block/Panel
17	32144-18	2	Screw-HH
18	75-6820	1	Hourmeter
19	3296-2	4	Nut-Lock
20	75-5740-03	1	Box-Control
21	321-39	2	Screw-HH
22	94-6349	1	Decal-Fuses
23	93-1268	1	Decal-HOC Selector
24	85-4470	1	Potentiometer ASM
24:1	3220-24	1	3/8 Hex Nut
24:2	3254-6	1	Washer-Lock, Int.
24:3	85-4480	1	Knob F/W 85-4470
25	63-8360	1	Key-Ignition
29	3256-23	3	Washer-Flat
30	322-3	2	Screw-HH

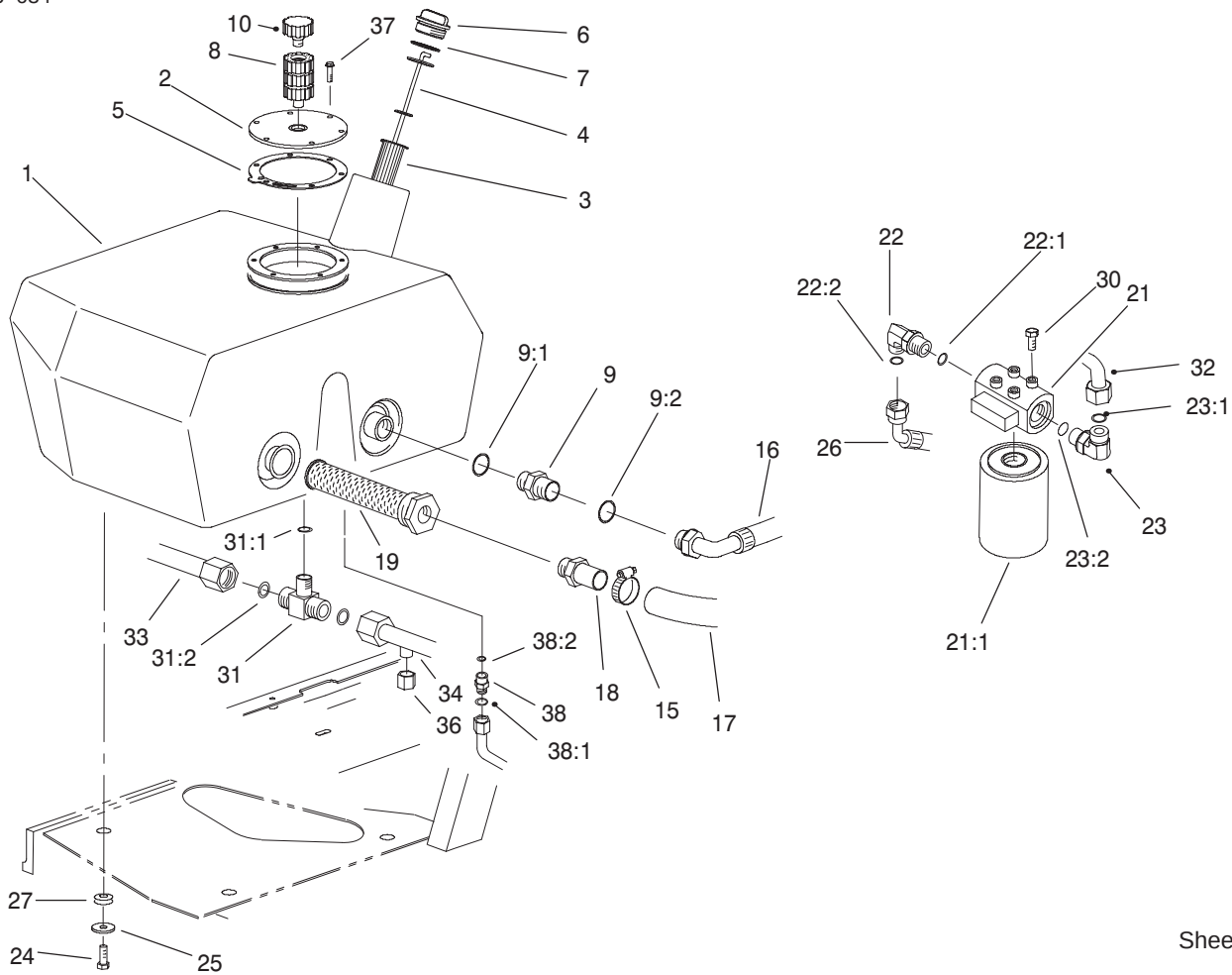
* Not illustrated



Sheet No.:6

Control Console Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
31	93-9196	1	Joystick – 6 Position				
31:1	3290-489	1	Knob				
31:2	94-2600	2	Boot – Joystick				
31:3	94-2601	4	Microswitch				
31:4	94-2602	2	Actuator – Joystick				
35	100-8032	1	Harness-Wire, Main				
39	2412-126	1	R-Clamp				
40	322-5	1	Screw-HH				
41	32128-33	3	Nut-HF				
42	75-5780	1	Hinge-Steel				
46	93-6689	1	Decal – No Riders				
47	93-8744	3	Pop – Rivet				
49	3256-75	4	Washer-Flat				
50	3290-378	2	Tie-Cable				
57	94-6343	1	Decal-I.d., Wire				
61	237-7	4	O-Ring				
62	52-2900	3	Washer				
63	99-8983	1	Decal-Controller				

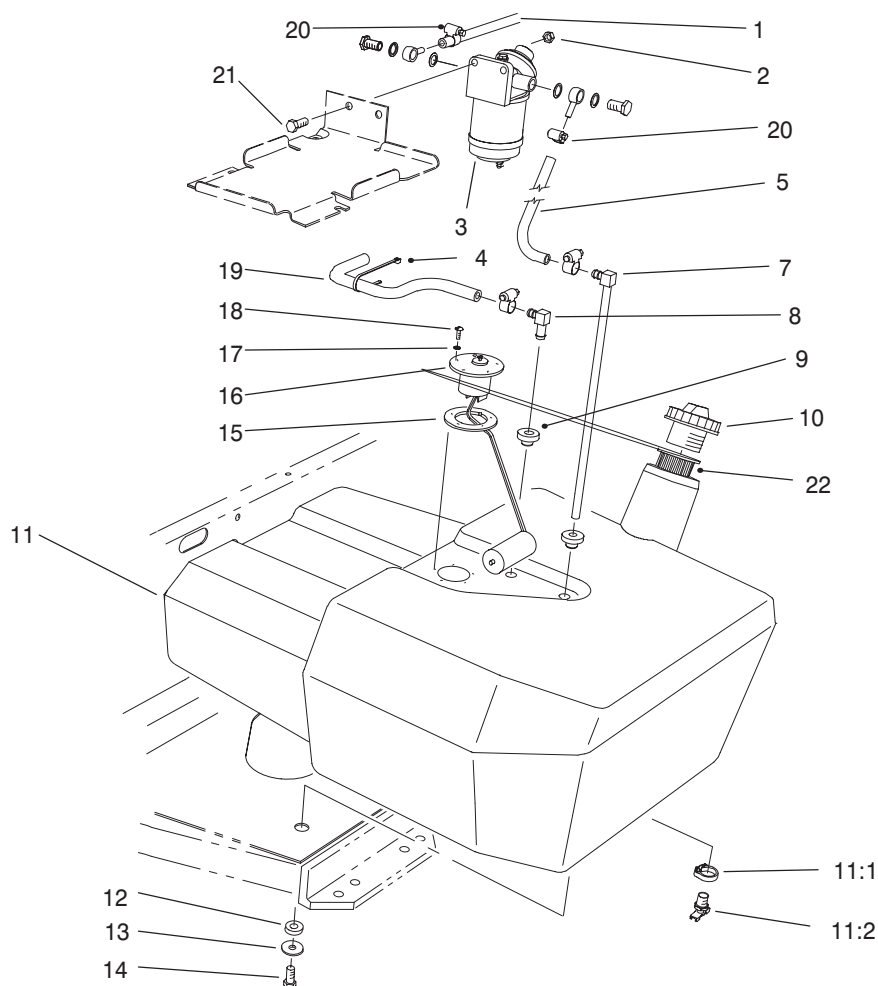


Sheet No.:7

Hydraulic Filter and Reservoir Assembly

Ref. No.	Part No.	Qty.	Description
1	104-0085	1	Tank – Oil
2	99-2580	1	Cover–Tank
3	61-2790	1	Filter–Screen
4	75-3710	1	Dipstick
5	93-7499	1	Gasket
6	93-7498	1	Plug–Plastic
7	94-8166	1	O–Ring
8	92-8020	3	Adapter – Breather
9	340-91	1	Adapter
9:1	237-58	1	O–Ring
9:2	237-146	1	O–Ring
10	68-6150	1	Breather–Air
15	2412-111	1	Clamp
16	92-7489	1	Pump Return Hose ASM
17	92-7465	1	Hose – Suction
18	92-7525	1	Fitting
19	92-7527	1	Strainer – Tank Mount
21	94-2620	1	Filter ASM – Oil
21:1	94-2621	1	Filter–Oil
22	340-139	1	Fitting–90°
22:1	237-81	1	O–Ring
22:2	237-65	1	O–Ring
23	340-142	1	Elbow–90°
23:1	237-58	1	O–Ring
23:2	237-81	1	O–Ring

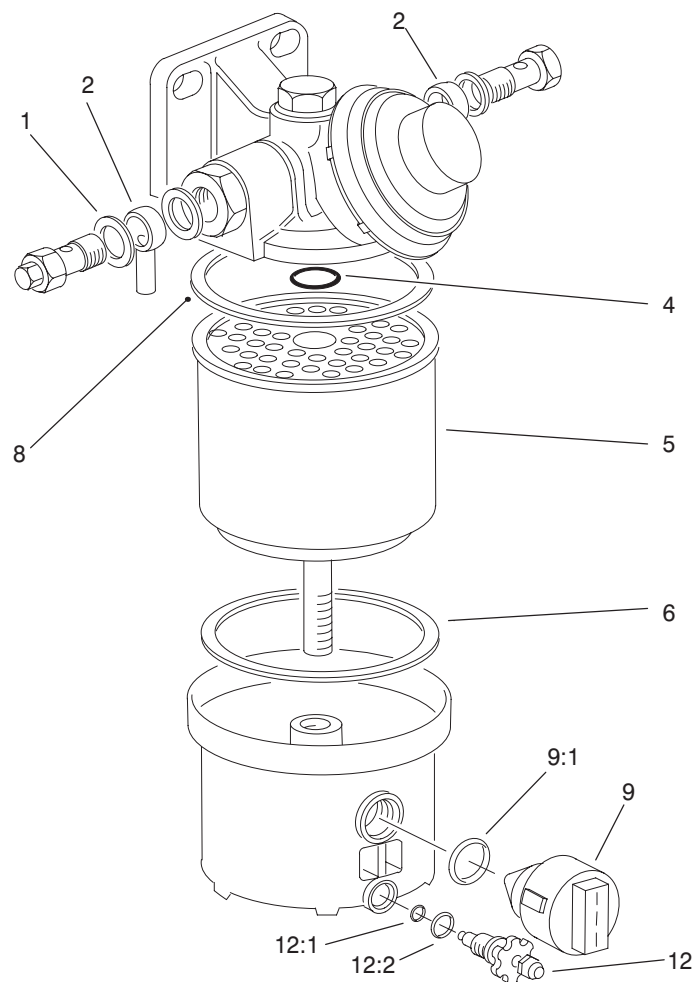
Ref. No.	Part No.	Qty.	Description
24	33105-025	3	Screw–HHF
25	63-8410	3	Washer
26	92-7490	1	Filter Hose ASM
27	240-11	3	Grommet–Mount, Tank
30	3234-1	2	Screw–HHF
31	340-157	1	Fitting–Hydraulic
31:1	237-79	1	O–Ring
31:2	237-30	2	O–Ring
32	92-7493	1	Filter Tube ASM
33	92-7478	1	RH Motor Tube ASM
34	94-1446	1	Drain Tube ASM
36	92-7551	1	Fitting
37	33104-020	6	Screw–HHF
38	340-2	1	Adapter
38:1	237-22	1	O–Ring
38:2	237-42	1	O–Ring



Sheet No.:8

Fuel Tank and Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	63-7627	1	Hose-Fuel
2	33005-00	2	Nut-Hex Flange
3	76-5300	1	Fuel Filter ASM
4	3290-378	3	Tie-Cable
5	92-7522	1	Hose - Fuel Line
7	66-8121	1	Standpipe
8	46-6550	1	Elbow-Connector, 90 DEG
9	46-6560	2	Bushing
10	93-3102	1	Cap-Fuel
11	92-7422	1	Tank - Fuel
11:1	2412-36	1	Clamp-Hose
11:2	304-46	1	Draincock
12	240-11	3	Grommet-Mount, Tank
13	63-8410	3	Washer
14	33105-025	3	Screw-HHF
15	62-7650	1	Gasket
16	63-7640	1	Sender-Fuel
17	3253-15	5	Washer-Lock/Sp
18	32122-24	5	Screw-Pth
19	92-7521	1	Hose - Fuel Line
20	2412-108	4	Clamp-Worm
21	33105-030	2	Screw-HHF
22	61-2790	1	Filter-Screen



5 — 4, 6 & 8

**Parts not listed in
partlist are not
serviced separately.**

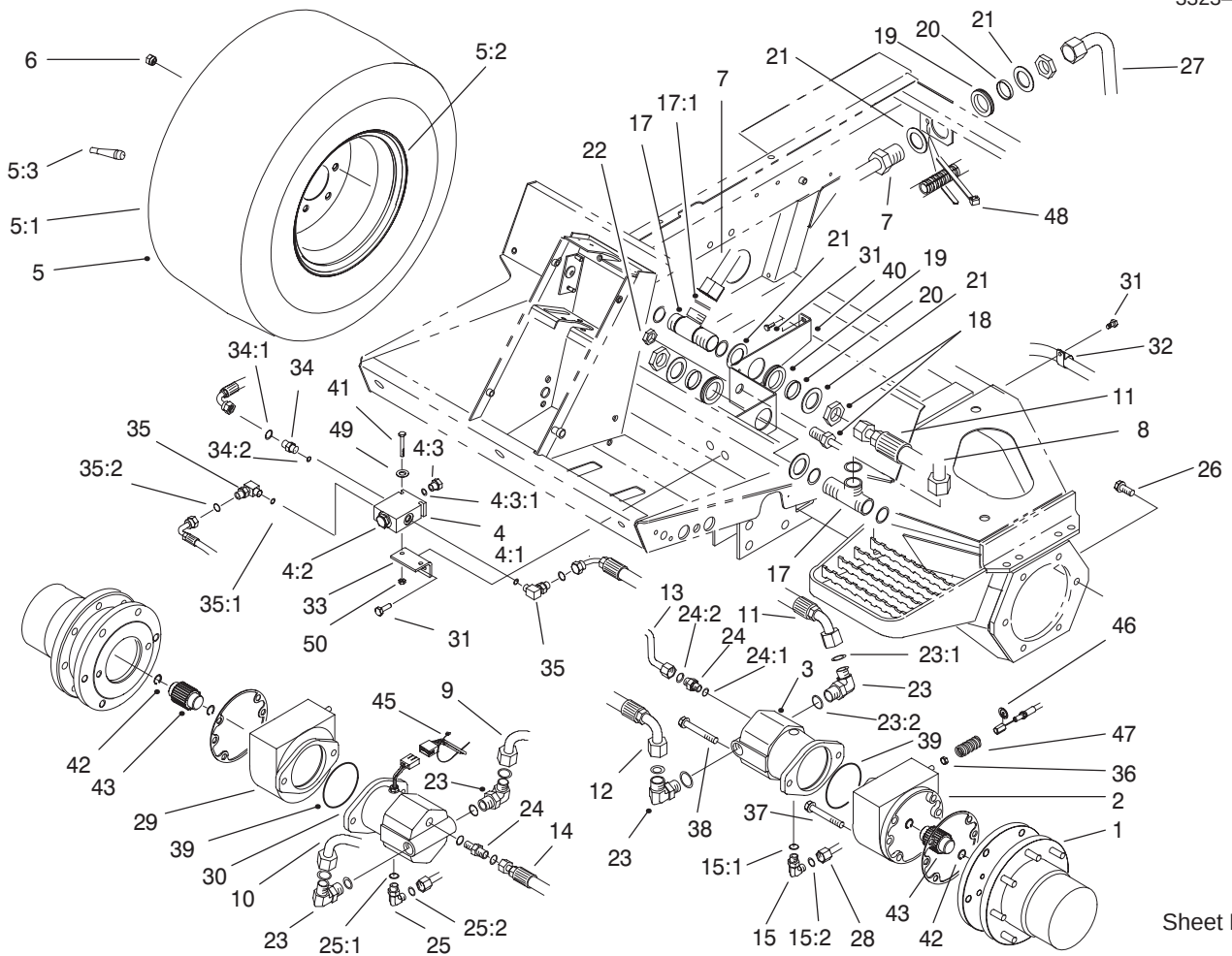
Sheet No.:A2

T-3486

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



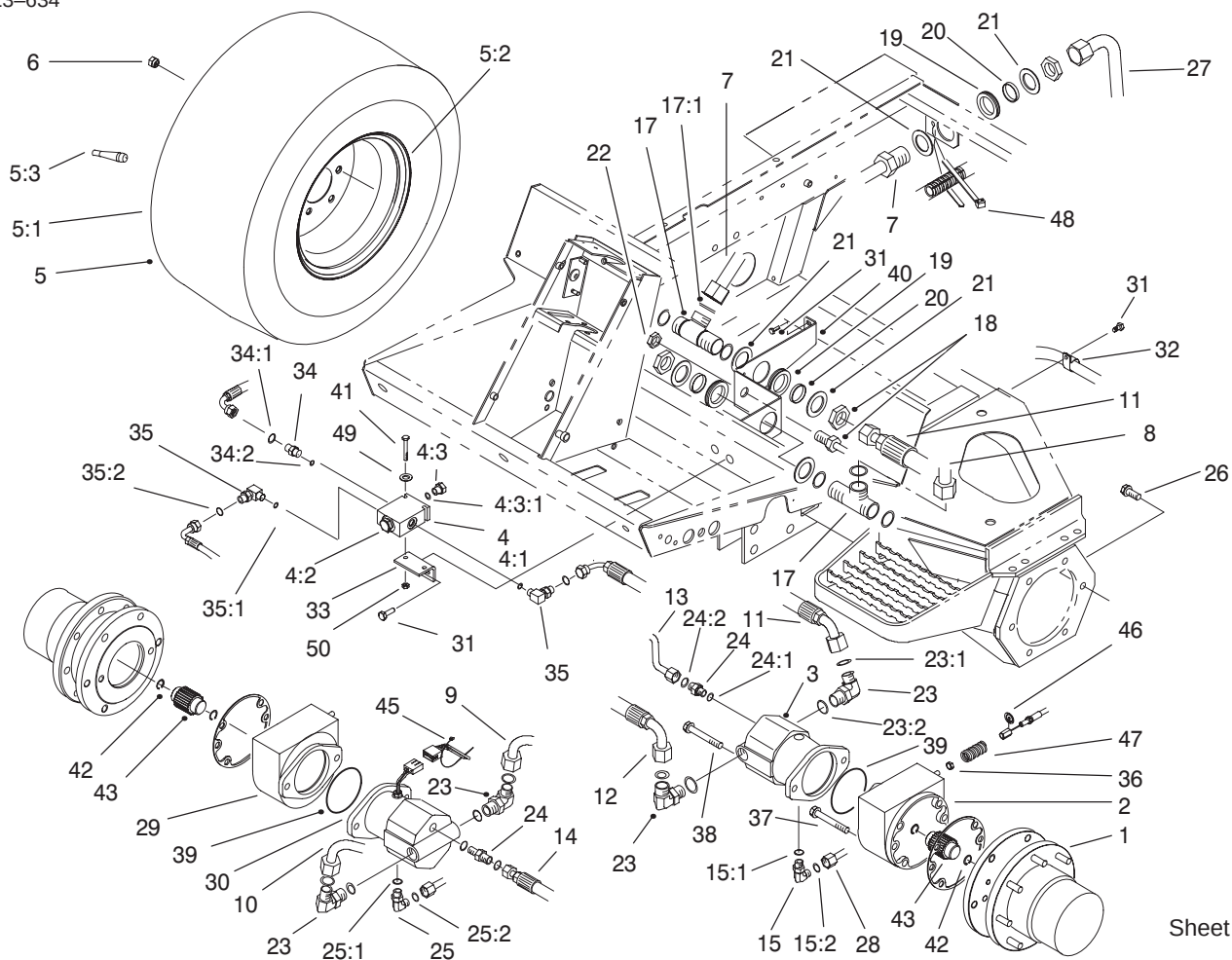
Sheet No.:9

Front Hydraulic Drive and Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	92-7415-03	2	Planetary Drive ASM
2	92-7417-03	1	LH Brake ASM
3	92-7385	1	Motor-Planetary
4		1	Divider-Flow
4:1	99-5645	1	Body
4:2	99-5646	1	Cartridge
4:3	353-989	1	Plug-Hollow Hex
4:3:1	237-42	1	O-Ring
*4:4	99-5647	1	Seal Kit
5	95-3463	2	Wheel & Tire ASM
5:1	95-3465	1	Tire
5:2	95-3464	1	Rim
5:3	232-24	1	Stem-Valve
6	92-7483	16	Lug Nut
7	92-7474	1	Front Tube ASM
8	92-7485	1	Hydraulic Hose ASM
9	92-7475	1	Traction Tube ASM
10	92-7476	1	Traction Tube ASM
11	92-7486	1	Hydraulic Hose ASM
12	92-7487	1	Hydraulic Hose ASM
13	92-7477	1	Motor Drain Tube ASM
14	92-7488	1	Hydraulic Hose ASM
15	340-18	1	Fitting
15:1	237-79	1	O-Ring
15:2	237-22	1	O-Ring
17	92-7550	2	Fitting - Bulkhead Tee

Ref. No.	Part No.	Qty.	Description
17:1	340-65	3	O Ring
18	340-128	3	Nut-Bulkhead
19	240-2	3	Grommet-Rubber
20	69-8950	3	Spacer
21	69-8920	6	Washer
22	340-127	1	Nut-Bulkhead
23	340-142	4	Elbow-90°
23:1	237-58	1	O-Ring
23:2	237-81	1	O-Ring
24	340-5	2	Fitting-Straight
24:1	237-42	1	O-Ring
24:2	237-30	1	O-Ring
25	340-98	1	Fitting-Hyd, 90
25:1	237-79	1	O-Ring
25:2	237-30	1	O-Ring
26	33106-030	12	Screw-HHF
27	92-7473	1	Rear Tube ASM
*27:1	237-58	1	O-Ring
28	92-7598	1	Front Drain Tube ASM
29	92-7414-03	1	RH Brake ASM
30	93-7476	1	Motor
31	32144-11	6	Screw-TAP
32	2412-93	2	R-Clamp
33	100-3807	1	Bracket-Flow Divider
34	340-1	1	Adapter
34:1	237-35	1	O-Ring

* Not illustrated

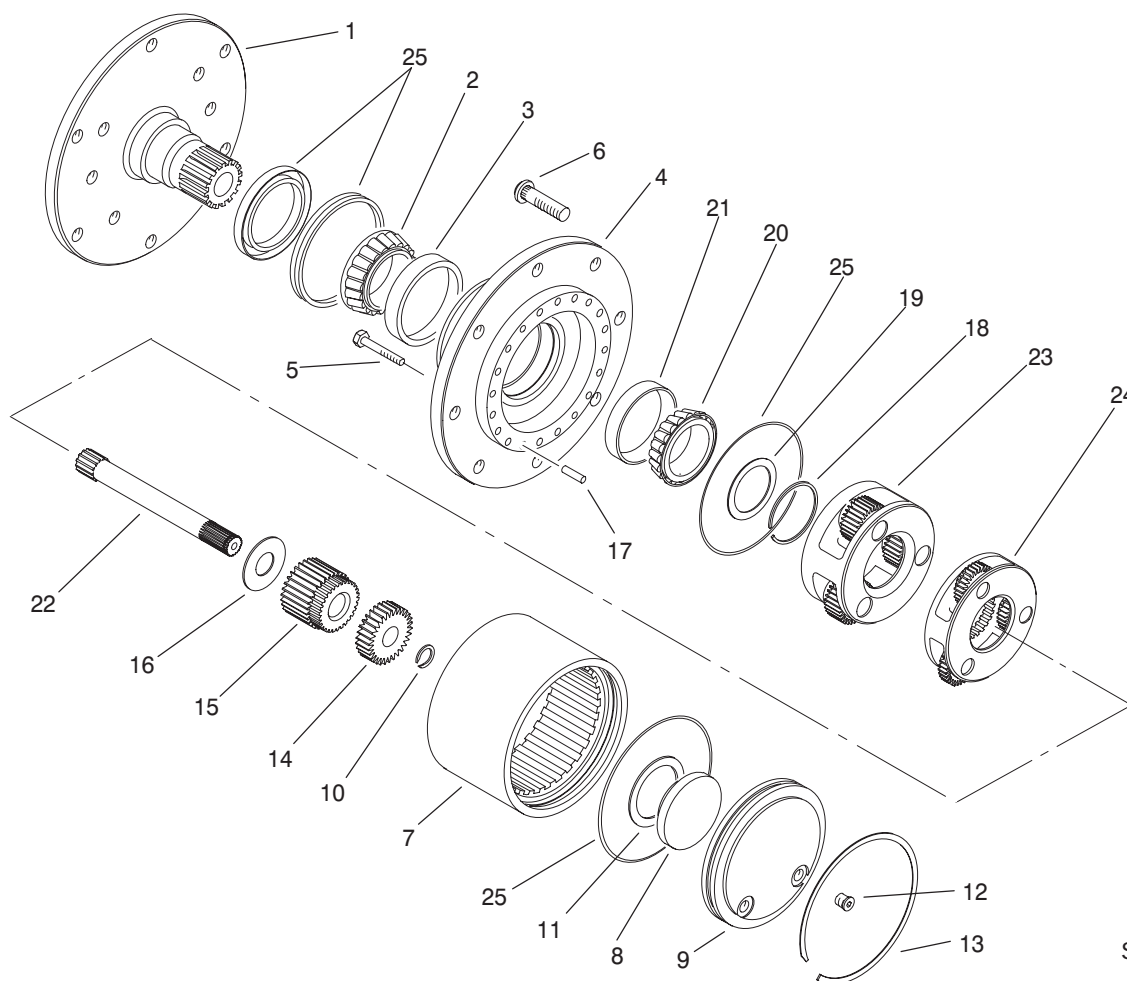


Sheet No.:9

Front Hydraulic Drive and Brake Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
34:2	237-42	1	O-Ring
35	340-82	2	Adapter
35:1	237-42	1	O-Ring
35:2	237-21	1	O-Ring
36	3218-4	2	Nut-Jam
37	33106-090	8	Screw-HHF
38	33116-120	4	Screw-HH
39	237-166	2	O-Ring
40	92-7455-03	1	Plate - Bulkhead
41	321-11	2	Screw-HH
42	93-7972	4	Ring-Retaining, Int.
43	93-7966	2	Shaft-Splined Brake
45	3290-378	2	Tie-Cable
46	94-3050	2	Plate-Spring
47	94-3088	2	Spring-Compression Brake
48	3290-379	4	Tie-Cable
49	3256-2	2	Washer-Flat
50	3296-42	2	Nut-Lock

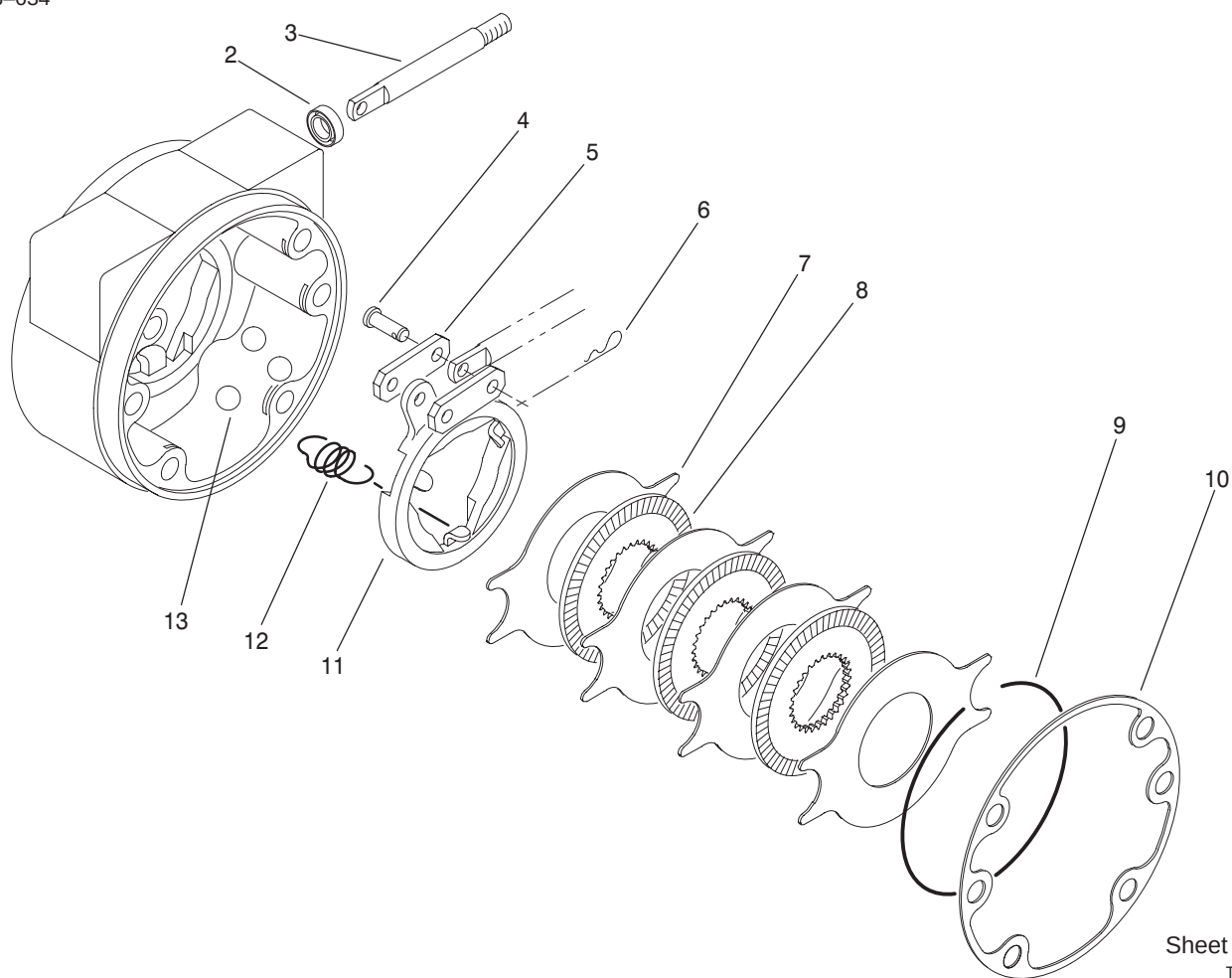
Ref. No.	Part No.	Qty.	Description



Sheet No.:A3
T-3487

Planetary Drive Assembly # 92-7415-03

Ref. No.	Part No.	Qty.	Description
1	93-7450	1	Spindle
2	93-7451	1	Cone-Bearing
3	93-7452	1	Cup-Bearing
4	93-7453	1	Housing
5	93-7454	18	Bolt-Hex Hd
6	93-7455	8	Stud-Wheel
7	93-7456	1	Gear-Ring
8	93-7457	1	Spacer-Input
9	93-7458	1	Plate-Cover
10	93-7459	1	Ring-Retaining, Ext
11	93-7460	1	Washer-Thrust
12	93-7461	2	Plug-Pipe
13	93-7462	1	Ring-Retaining, Int
14	93-7463	1	Gear-Sun
15	93-7464	1	Gear-Sun
16	93-7465	1	Washer-Thrust
17	93-7466	2	Pin-Dowel
18	93-7467	1	Ring-Retaining, Ext
19	93-7468	1	Washer-Thrust
20	93-7469	1	Cone-Bearing
21	93-7470	1	Cup-Bearing
22	93-7471	1	Shaft-Input
23	93-7472	1	Secondary Carrier ASM
24	93-7473	1	Primary Carrier ASM
25	93-7474	1	Seal Kit

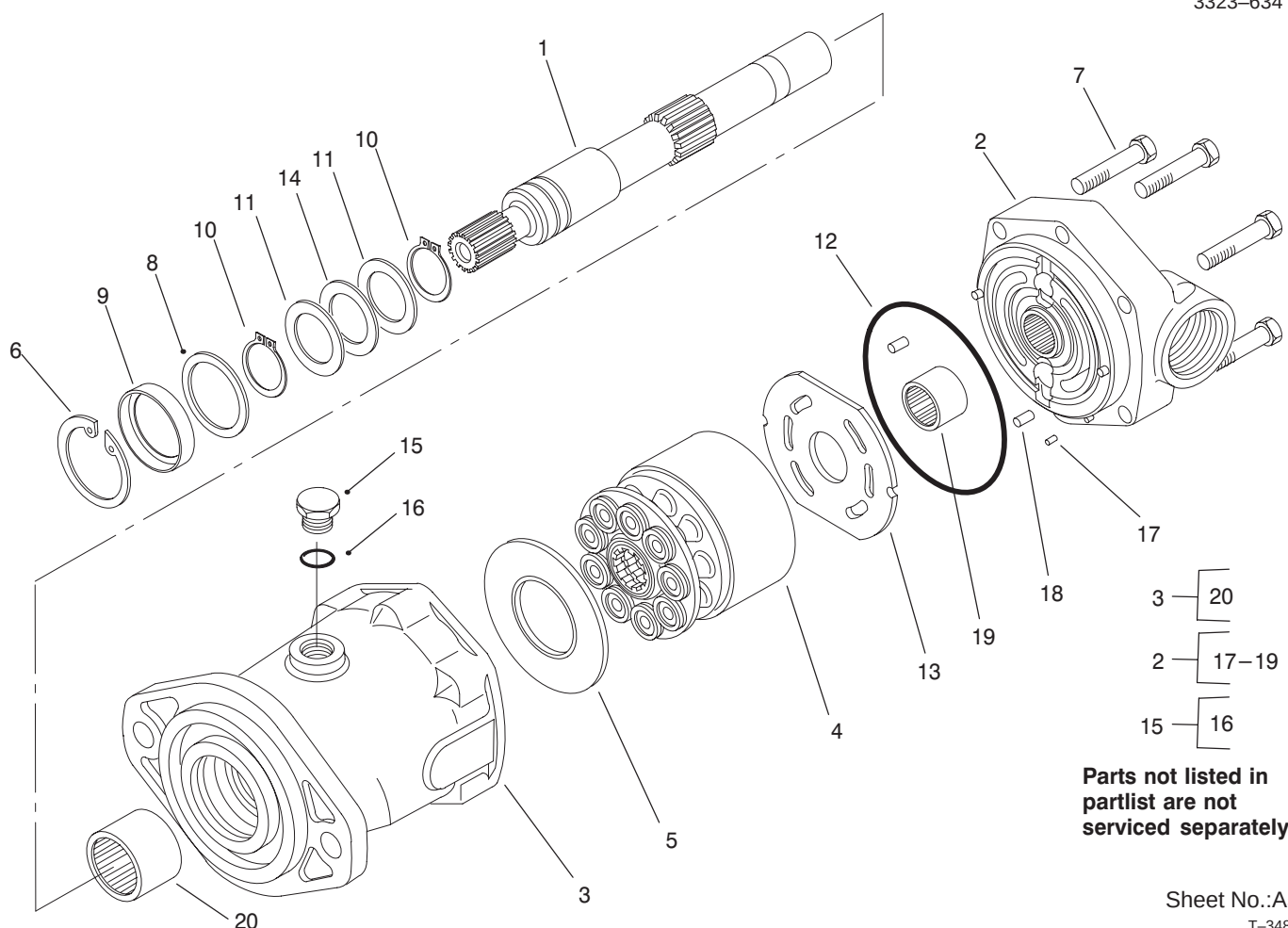


Sheet No.:A4
T-3488

LH – Brake Assembly

Ref. No.	Part No.	Qty.	Description
2	93-7977	1	Seal
3	93-7978	1	Rod-Pull
4	93-7983	2	Pin-Clevis
5	93-7980	2	Link
6	93-7979	2	Pin-Hitch
7	93-7986	4	Disc-Stationary
8	93-7981	3	Disc-Rotating
9	93-7976	1	Ring-Retaining
10	93-7984	1	Gasket
11	93-7982	1	Actuator
12	93-7987	3	Spring-Extension
13	93-7985	3	Ball

Ref. No.	Part No.	Qty.	Description



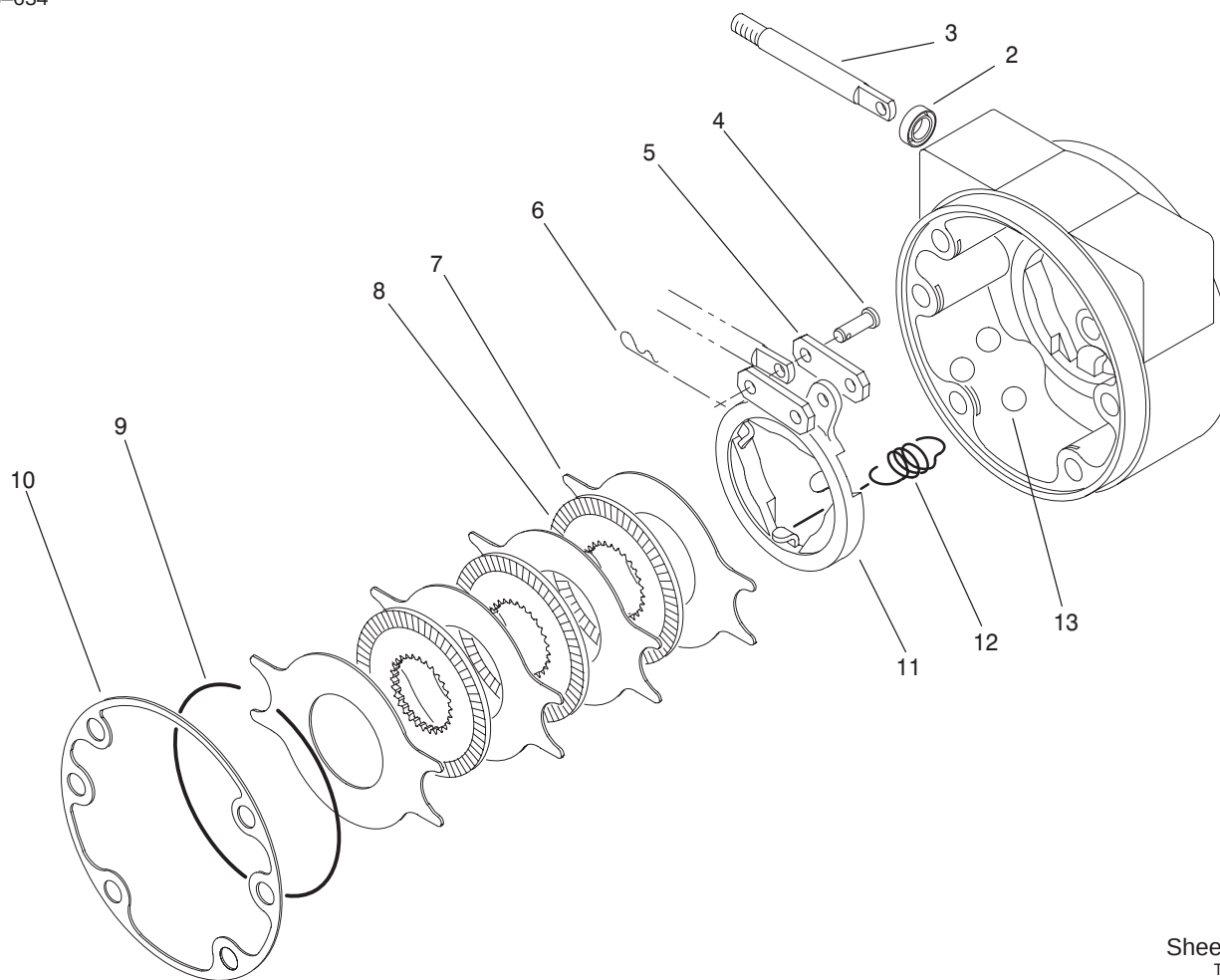
Sheet No.:A5

T-3489

RH – Hydraulic Motor Assembly # 92-7385

Ref. No.	Part No.	Qty.	Description
1	94-3004	1	Shaft – Drive, Splined
2	94-3005	1	Backplate ASM
3	94-3006	1	Housing ASM
4	76-6910	1	Rotating Kit ASM
5	76-6970	1	Insert-Cam Plate
6	76-7010	1	Ring-Retaining
7	94-3002	6	Capscrew
8	94-3007	1	Washer
9	94-3008	1	Seal – Shaft
10	76-7000	2	Ring-Retaining
11	76-6950	2	Thrust Race
12	76-6980	1	O-Ring
13	94-3003	1	Plate – Valve
14	76-6960	1	Bearing-Thrust
15	94-3009	1	Plug

Ref. No.	Part No.	Qty.	Description

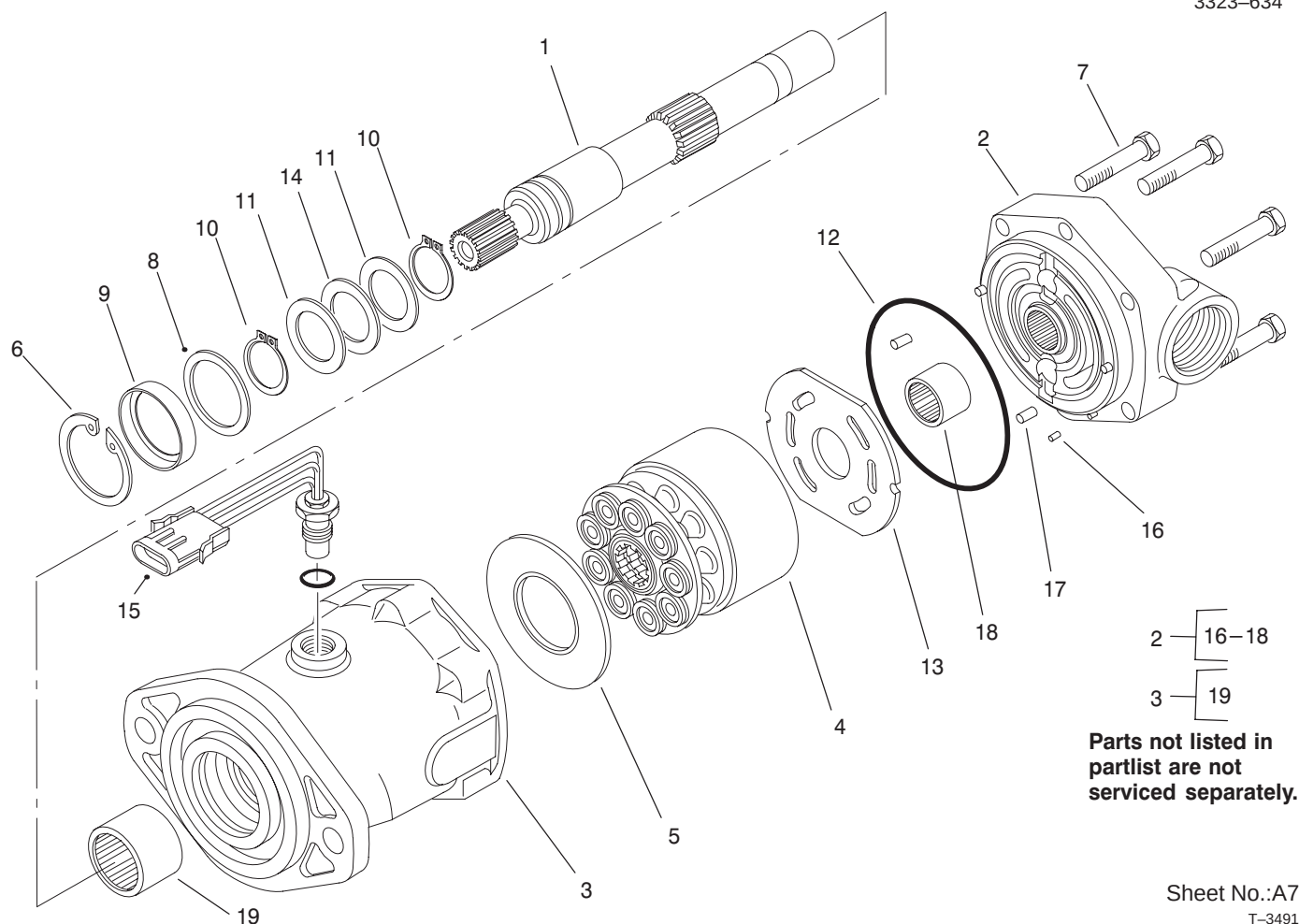


Sheet No.:A6
T-3490

RH – Brake Assembly

Ref. No.	Part No.	Qty.	Description
2	93-7977	1	Seal
3	93-7978	1	Rod-Pull
4	93-7983	2	Pin-Clevis
5	93-7980	2	Link
6	93-7979	2	Pin-Hitch
7	93-7986	4	Disc-Stationary
8	93-7981	3	Disc-Rotating
9	93-7976	1	Ring-Retaining
10	93-7984	1	Gasket
11	93-7982	1	Actuator
12	93-7987	3	Spring-Extension
13	93-7985	3	Ball

Ref. No.	Part No.	Qty.	Description



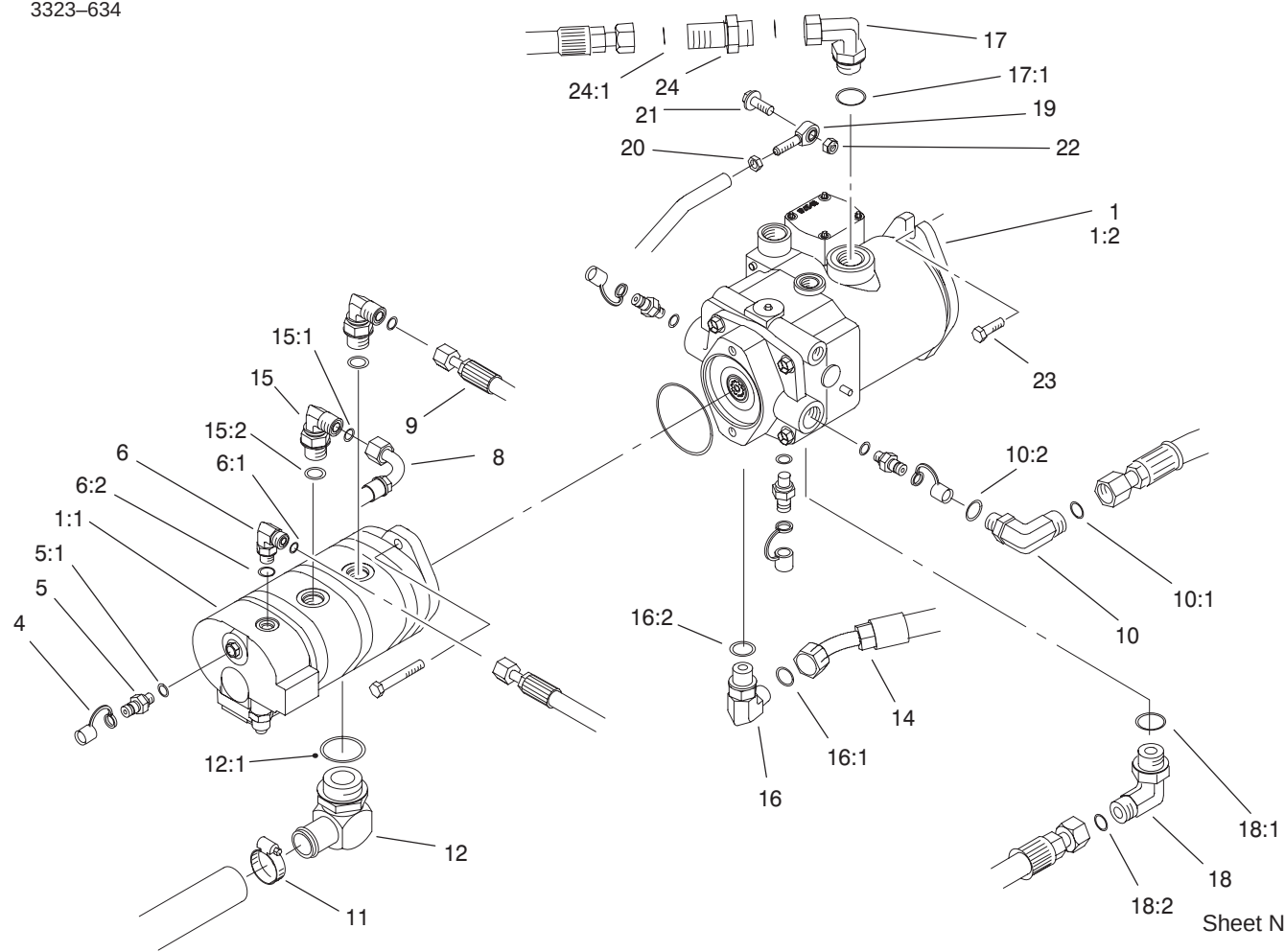
Sheet No.:A7

T-3491

LH – Hydraulic Motor Assembly # 93-7476

Ref. No.	Part No.	Qty.	Description
1	94-3004	1	Shaft – Drive, Splined
2	94-3005	1	Backplate ASM
3	94-3006	1	Housing ASM
4	76-6910	1	Rotating Kit ASM
5	76-6970	1	Insert-Cam Plate
6	76-7010	1	Ring-Retaining
7	94-3002	6	Capscrew
8	94-3007	1	Washer
9	94-3008	1	Seal – Shaft
10	76-7000	2	Ring-Retaining
11	76-6950	2	Thrust Race
12	76-6980	1	O-Ring
13	94-3003	1	Plate – Valve
14	76-6960	1	Bearing-Thrust
15	94-3010	1	Sensor – Speed Pickup

Ref. No.	Part No.	Qty.	Description

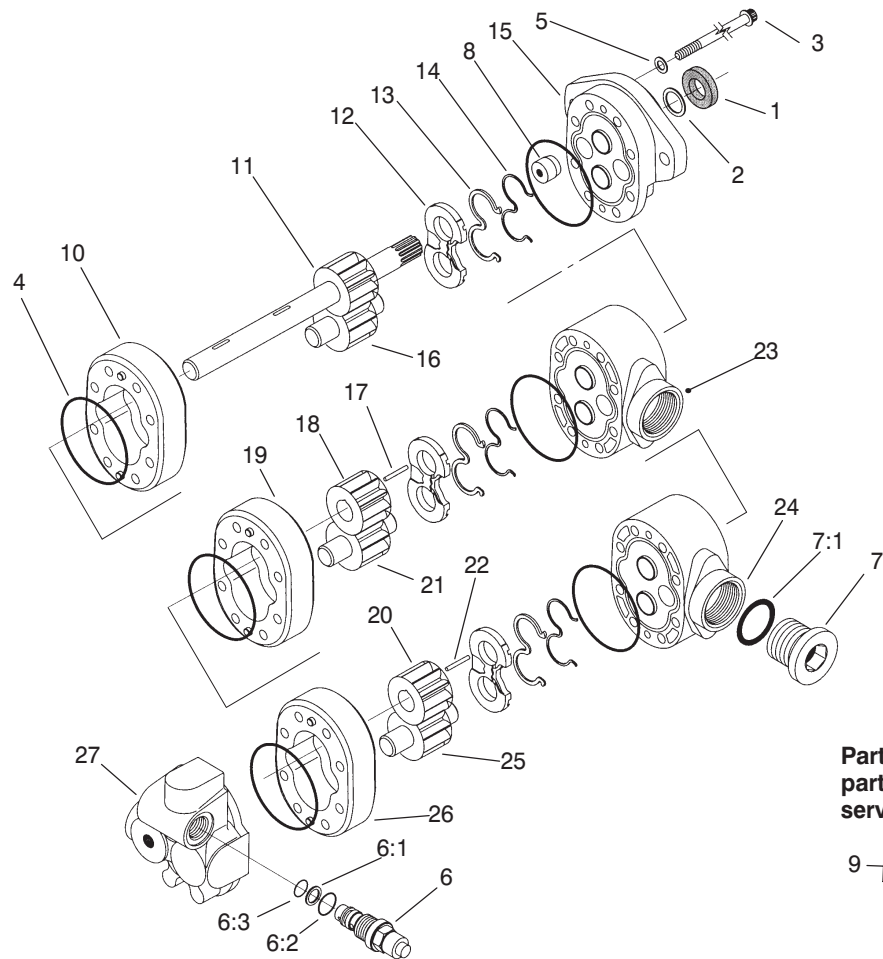


Sheet No.:11

Hydraulic Pump Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3065	1	Pump ASM
1:1	94-3066	1	Gear Pump ASM
1:2	98-3730	1	Servo Pump ASM
4	354-79	4	Cap - Fitting, Yellow
5	354-77	4	Fitting-Quick
5:1	237-78	1	O-Ring
6	340-77	1	Fitting-Hyd., 90°
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
8	92-7491	1	Hose ASM
9	92-7492	1	Hose ASM
10	340-17	1	Adapter
10:1	237-65	1	O-Ring
10:2	237-80	1	O-Ring
11	2412-111	1	Clamp
12	92-7526	1	Fitting - 90°
12:1	237-101	1	O-Ring
14	100-3813	1	Hose ASM
15	340-105	2	Fitting-Hyd., 90°
15:1	237-30	1	O-Ring
15:2	237-80	1	O-Ring
16	340-15	1	Adapter
16:1	237-58	1	O-Ring
16:2	237-146	1	O-Ring
17	94-2636	1	Fitting - Hyd
17:1	237-81	1	O-Ring

Ref. No.	Part No.	Qty.	Description
18	340-129	1	Elbow-90°
18:1	237-146	1	O-Ring
18:2	340-65	1	O Ring
19	2411-36	1	Bearing-End, Rod
20	3220-3	1	Nut-Jam
21	3234-11	1	Screw-HHF
22	3296-59	1	Nut-Lock, NI
23	82-5050	2	Screw-HH
24	94-2637	1	Fitting - Hyd
24:1	237-58	2	O-Ring



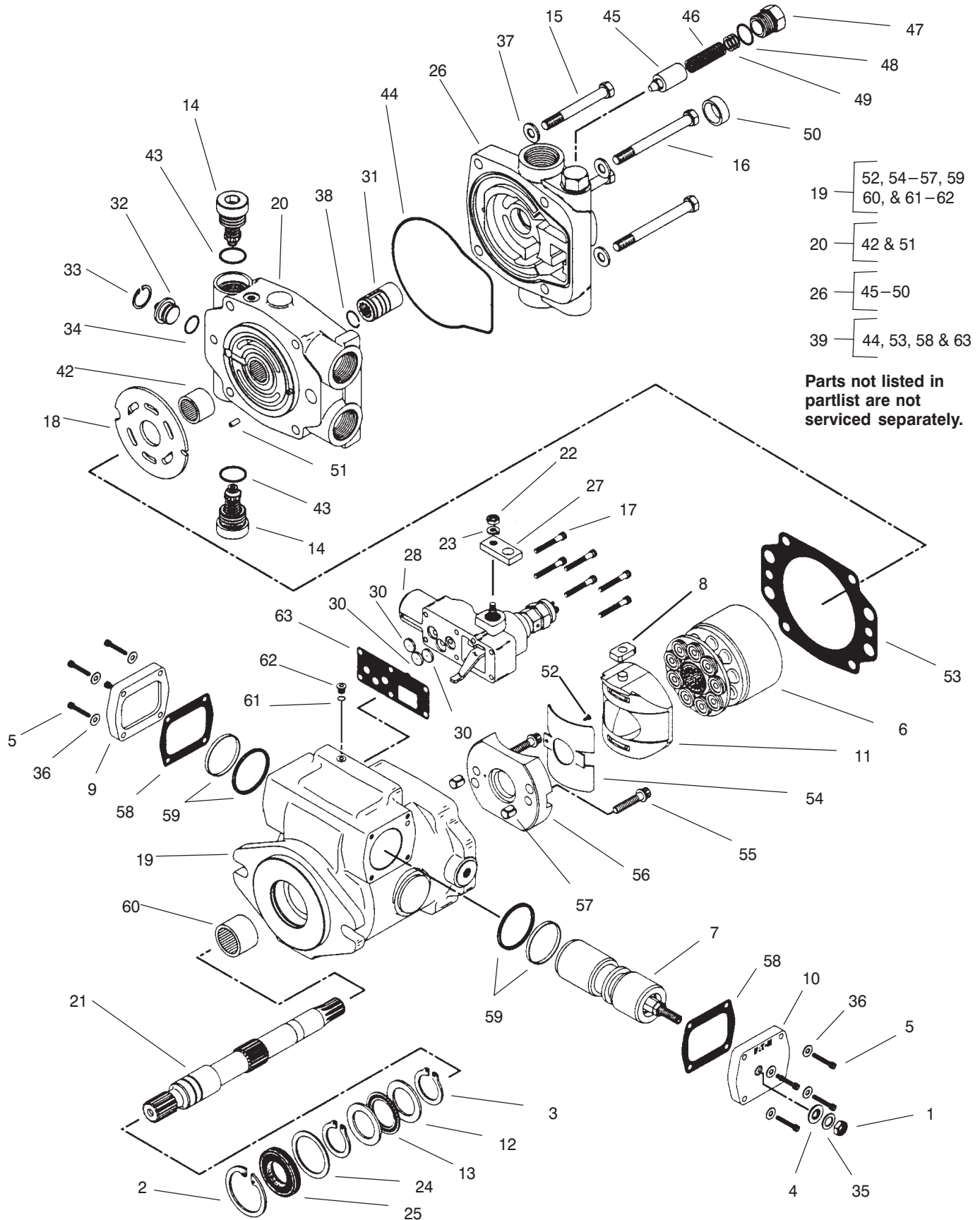
T-3492
Sheet No.:A8

Gear Pump Assembly # 94-3066

Ref. No.	Part No.	Qty.	Description
1	49-2640	1	Shaft Seal
2	60-5890	1	Washer
3	94-3012	8	Capscrew
4	56-6710	6	O-Ring – Motor, Gear
5	74-8920	4	Washer – Copper

Ref. No.	Part No.	Qty.	Description
6	94-3014	1	Relief Valve ASM
7	94-3013	1	Plug
8	94-3011	1	Plug
9	94-3015	1	Seal Kit
9:1	56-6710	6	O-Ring – Motor, Gear

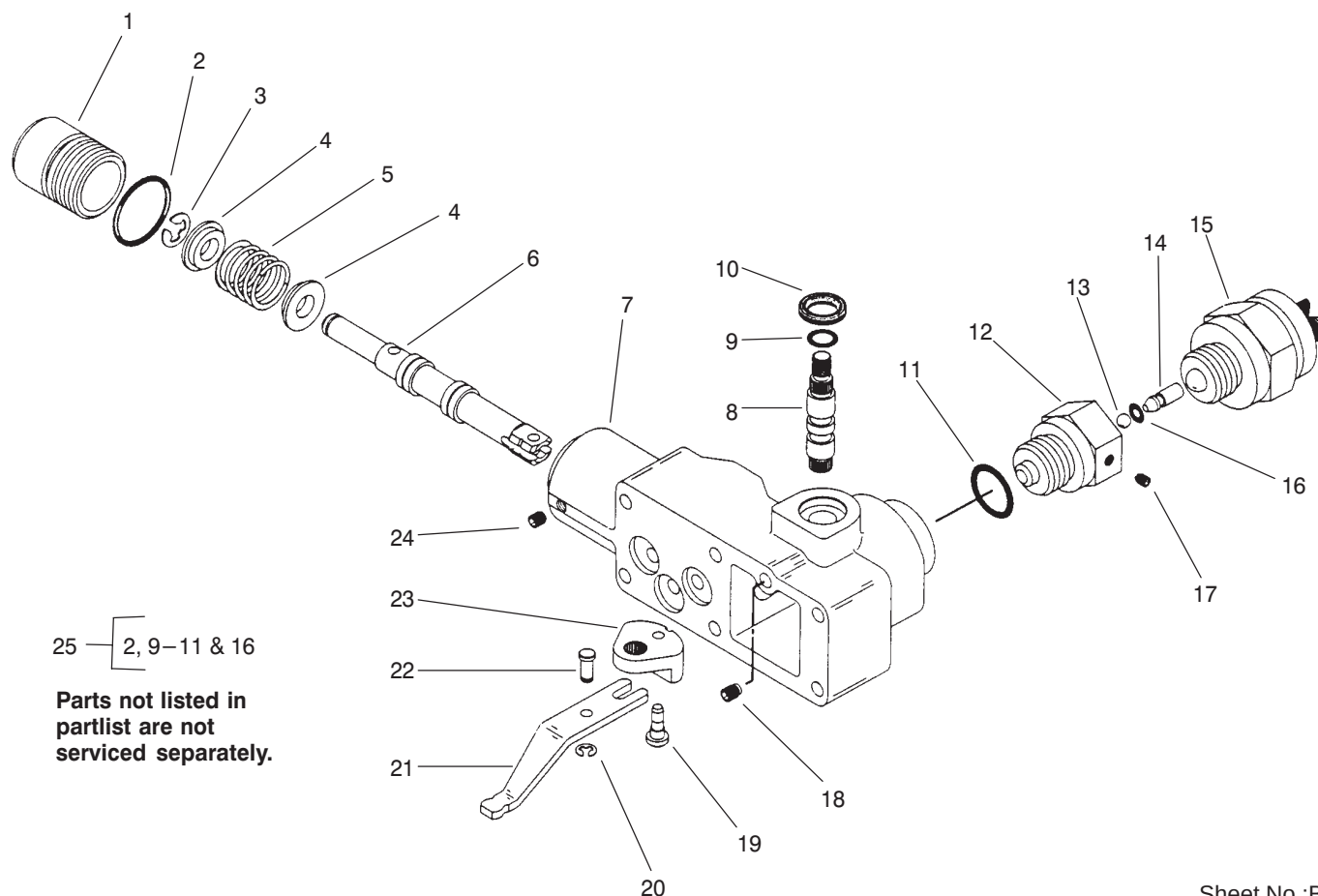
Servo Controlled Piston Pump Assembly # 98-3730



Servo Controlled Piston Pump Assembly # 98-3730

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3220-2	1	Nut-Jam				
2	76-7010	1	Ring-Retaining				
3	76-7000	2	Ring-Retaining				
4	94-3027	1	Washer - Seal				
5	3274-81	8	Screw-HSH				
6	94-3021	1	Rotating Kit ASM				
7	94-3025	1	Servo Piston ASM				
8	94-3032	1	Follower - Piston				
9	94-3033	1	Plate - Cover				
10	94-3034	1	Plate - Cover				
11	94-3026	1	Camplate ASM				
12	76-6950	2	Thrust Race				
13	76-6960	1	Bearing-Thrust				
14	94-9999	2	Valve-Relief				
15	94-3028	2	Capscrew				
16	94-3029	2	Capscrew				
17	3274-59	6	Screw-HSH				
18	94-3022	1	Plate - Valve				
19	94-3018	1	Housing ASM				
20	98-3727	1	Backplate ASM				
21	94-3020	1	Shaft - Drive				
22	3217-5	1	Nut-Hex				
23	3253-3	1	Washer-Lock/Sp				
24	94-3007	1	Washer				
25	94-3008	1	Seal - Shaft				
26	94-3017	1	Charge Adapter ASM				
27	94-3031	1	Arm - Control				
28	94-3019	1	Manual Servo Control				
30	94-3040	2	Orifice				
31	94-3023	1	Coupler				
32	94-3038	1	Actuator-Dump Valve				
33	94-3037	1	Ring - Retaining				
34	94-3036	1	Ring - Quad				
35	94-3030	1	Washer				
36	3256-77	8	Washer-Flat				
37	3256-24	4	Washer-Flat				
38	94-3035	1	Ring - Lock				
*39	94-3039	1	Seal Kit				
*40	94-3043	1	Switch-Safety, Neutral				
*41	94-3044	1	Seal Kit				

* Not illustrated

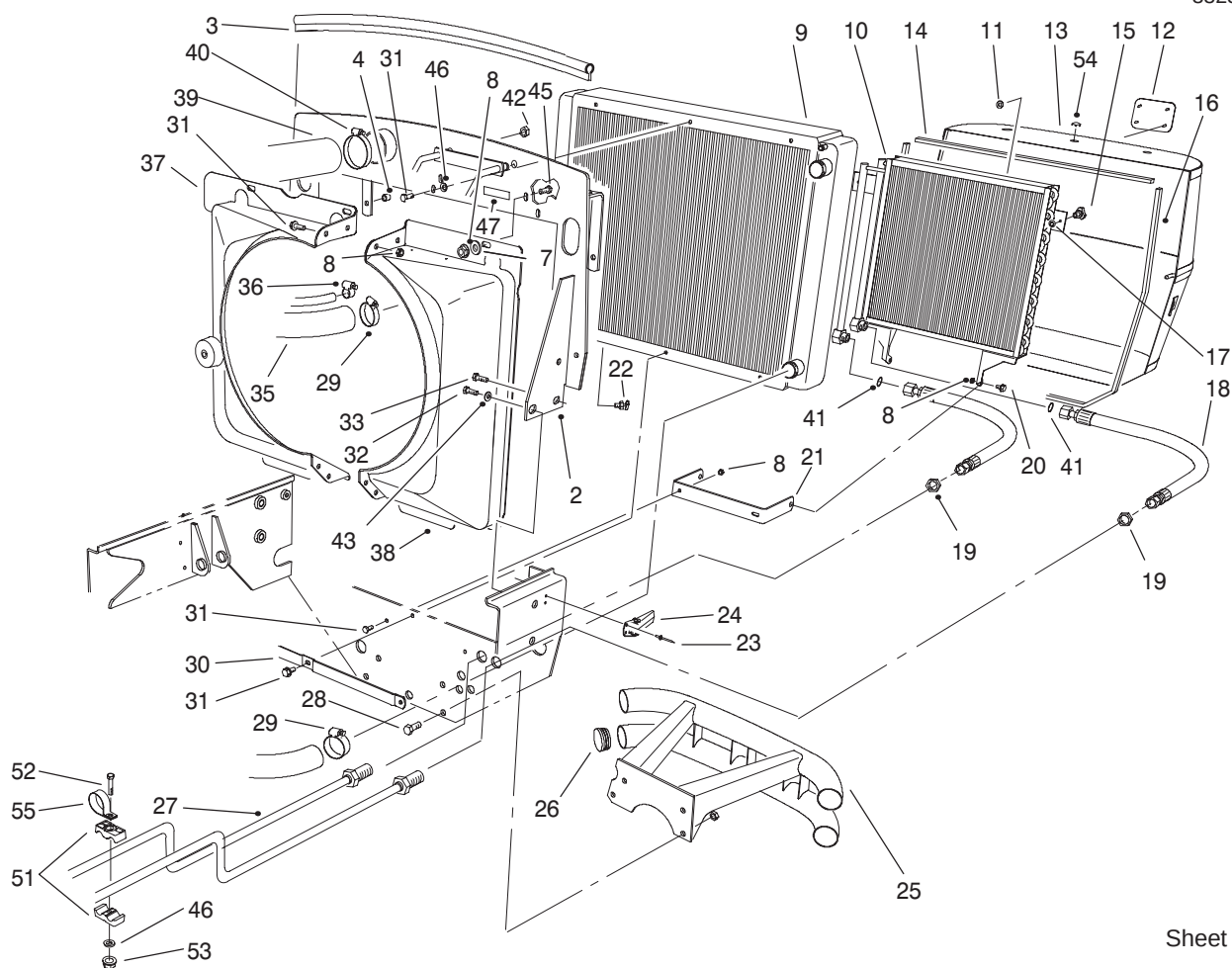


Sheet No.:B1
T-3494

Manual Servo Control # 94-3019

Ref. No.	Part No.	Qty.	Description
15	94-3043	1	Switch-Safety, Neutral
25	94-3044	1	Seal Kit

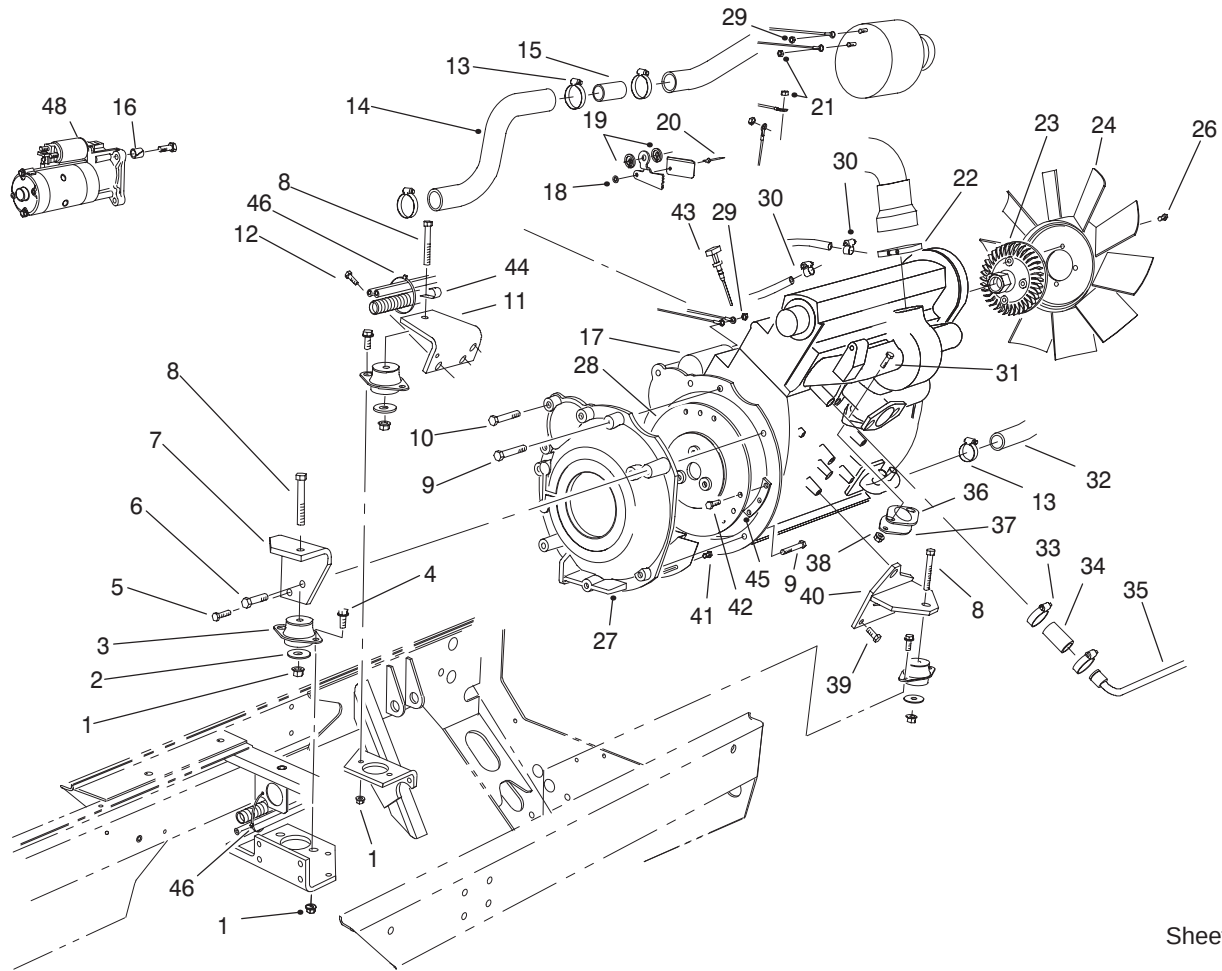
Ref. No.	Part No.	Qty.	Description



Sheet No.:12

Radiator and Shroud Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
2	92-7388-03	1	Support-Radiator	28	325-6	4	Screw-HH
3	93-7553	1	Seal - Hood	29	2412-3	2	Hose Clamp
4	32148-10	2	Insert-Threaded	30	92-7416-03	1	Strap - Radiator
7	3256-56	3	Washer-Flat	31	3234-5	10	Screw-HHF
8	32128-20	9	Nut-HF	32	33118-025	2	Screw-HH
9	74-3410	1	Radiator ASM	33	3234-18	2	Capscrew
10	82-3740	1	Cooler-Oil	35	93-4215	1	Hose-Radiator, Upper Rear
11	94-2638	4	Nut-Tinnerman	36	2412-36	1	Clamp-Hose
12	93-6028	1	Plate - Logo, Toro	37	92-7374	1	Shroud - Fan, RH
13	92-7505-03	1	Screen	38	92-7375	1	Shroud - Fan, LH
14	92-7631	1	Seal - Screen	39	93-7584	1	Hose - Intake
15	77-3620	2	Knob	40	2412-125	1	Clamp - Hose
16	93-4208	1	Seal - Strip Screen	41	237-65	2	O-Ring
17	32151-72	2	Ring-Retaining	42	3296-23	2	Nut-Lock, NI
18	92-7535	2	Hose ASM	43	3256-27	2	Washer-Flat
19	340-74	2	Locknut-Bulkhead	45	3230-2	3	Screw-CARR
20	37-8771	2	Bolt-Shoulder	46	3256-23	4	Washer-Flat
21	92-7516-03	1	Bracket-Support, Cooler Base	47	93-6681	1	Decal-Warning, Fan
22	304-46	1	Draincock	51	94-8105	2	Clamp - Tube
23	3269-4	4	Rivet-Pop	52	322-9	1	Screw-HH
24	69-3020	2	Latch-Camloc	53	3296-47	1	Nut-Lock, NI
25	100-3758-03	1	Bumper	54	2410-64	3	Plug-Button
26	2410-42	4	Cap-End	55	2412-147	1	Clamp
27	92-7558	1	Right Rear Cooler Tube ASM				

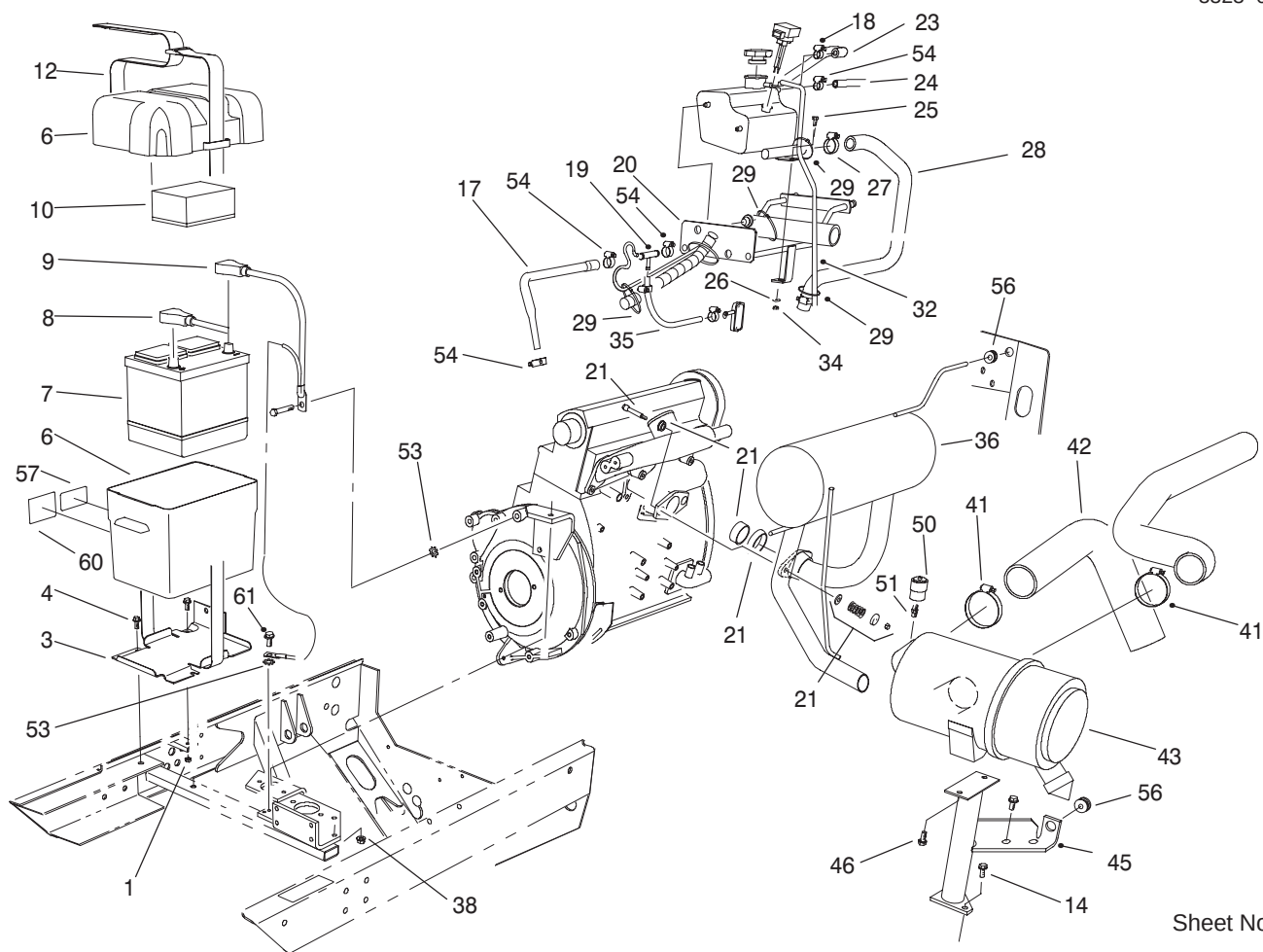


Sheet No.:13

Engine Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	33005-00	9	Nut-Hex Flange
2	87-5100	3	Washer – Snubbing
3	53-9681	3	Mount-Engine
4	33105-030	6	Screw-HHF
5	33115-030	1	Screw-HH
6	48-7840	1	Bolt
7	92-7425-03	1	Support-Engine Mount
8	33105-070	3	Screw-HHF
9	48-7570	3	Bolt-HH
10	48-7810	3	Screw
11	92-7429-03	1	Mount-Motor, RH
12	33114-020	4	Screw-HH
13	2412-3	4	Hose Clamp
14	94-1418	1	Hose-Radiator, Upper
15	93-7594	1	Spacer
16	76-5590	1	Sleeve-Spring
17	100-3794	1	Engine ASM
18	3256-49	1	Washer-Flat
19	86-2990	2	Mount-Throttle Cable
20	3290-282	1	Rivet-Pop, Steel
21	48-7880	3	Nut
22	2412-125	1	Clamp – Hose
23	92-7466	1	Clutch – Fan
24	74-3650	1	Fan
26	33104-016	4	Screw-HHF

Ref. No.	Part No.	Qty.	Description
27	82-5120-03	1	Adapter Plate
28	94-1421	1	Coupling-Center Spring
29	33104-00	2	Nut-Jam
30	2412-108	2	Clamp-Worm
31	33104-020	2	Screw-HHF
32	92-7463	1	Hose-Radiator, Lower
33	2412-129	4	Clamp-Hose
34	74-6490	2	Hose –Water Line
35	92-7381	1	Tube – Water Return
36	77-3700	1	Gasket-Exhaust Muffler
37	92-7382-03	1	Cover
38	33004-00	2	Nut-HF
39	33115-025	3	Screw-HH
40	92-7426-03	1	Mount-Motor, LH
41	33113-012	3	Screw-HH
42	33114-016	6	Screw-HH
43	93-9176	1	Dipstick
44	2412-150	1	J-Clip
45	94-1422	3	Spacer – Coupling
46	3290-378	1	Tie-Cable
48	94-3263	1	Starter



Sheet No.:14

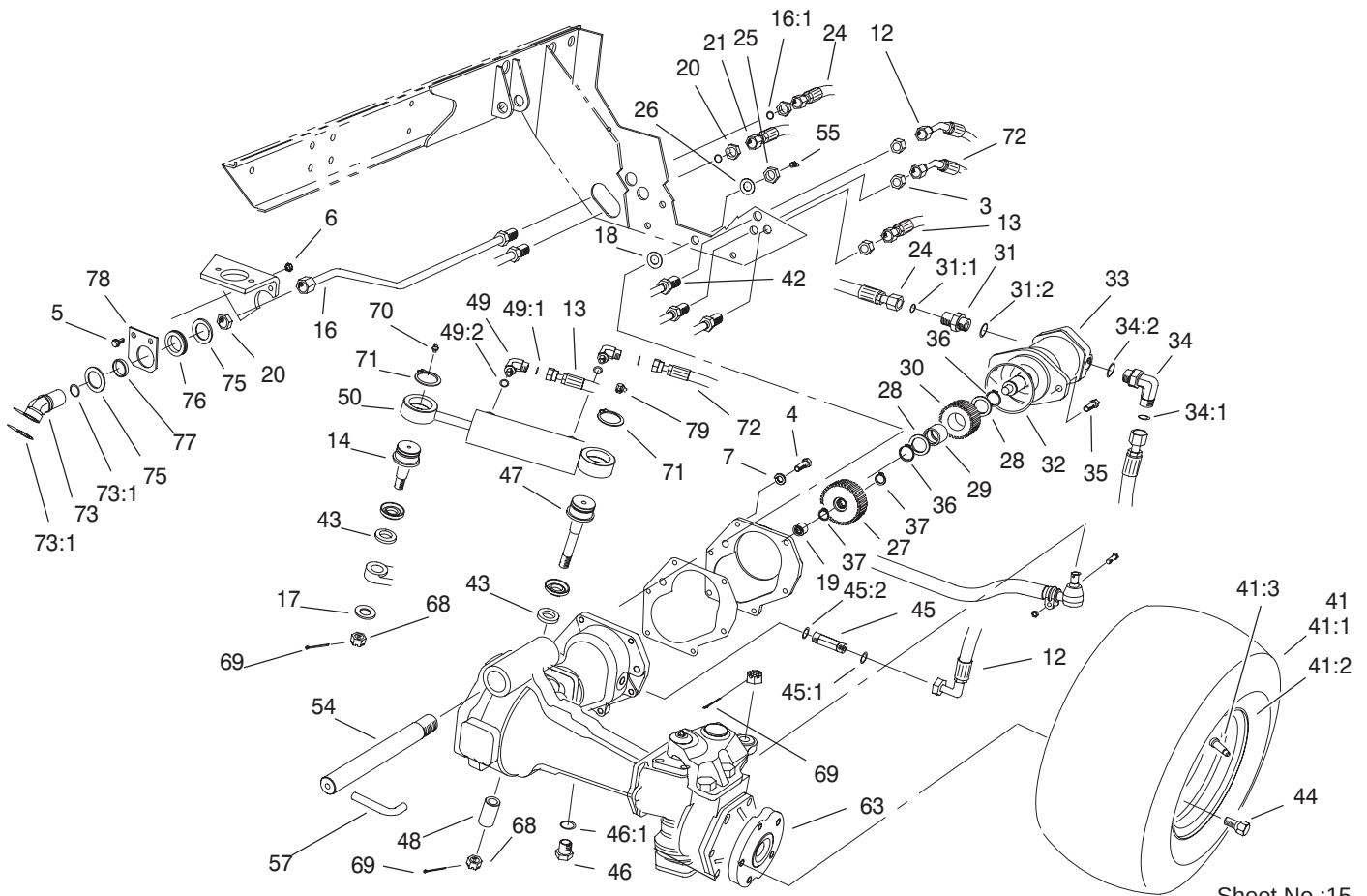
Engine Components Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-29	1	Nut-Lock, NI
3	93-7974-03	1	Plate – Battery Box
4	3234-5	3	Screw-HHF
6	93-7595	1	Box-Battery
7	93-3220	1	Battery
8	75-1370	1	Cable-Battery, Positive
9	94-1411	1	Cable – Battery
10	93-7968	1	Pad – Foam
12	94-1445	1	Strap – Battery
14	33105-030	2	Screw-HHF
17	94-2630	1	Hose – Return
18	2412-108	3	Clamp-Worm
19	93-4207	1	Fitting – Hose Tee
20	94-1408-03	1	Support-Degass
21	94-2814	1	Kit – Exhaust Coupler
23	93-7591	1	Hose – Return
24	92-7424	1	Hose – Radiator Overflow
25	33103-020	1	Screw-HHF
26	33093-00	1	Washer-Flat
27	2412-129	2	Clamp-Hose
28	93-7589	1	Hose – Overflow
29	3290-378	4	Tie-Cable
32	55-4130	1	Hose-Fuel Line
34	33023-00	1	Nut-Lock NI

Ref. No.	Part No.	Qty.	Description
35	63-7622	1	Hose-Fuel
36	93-9178	1	Muffler ASM
38	33005-00	2	Nut-Hex Flange
41	2412-125	2	Clamp – Hose
42	94-2624	1	Hose – Manifold
43	93-7485	1	Air Filter ASM
45	94-8108-03	1	Support-Air Filter
46	33104-016	2	Screw-HHF
50	93-9164	1	Indicator – Mini
51	94-1416	1	Indicator Adapter ASM
53	3255-9	2	Washer-Lock/Ext
54	2412-36	4	Clamp-Hose
56	94-2812	2	Grommet
57	93-6668	1	Decal – Battery
60	93-7276	1	Decal – Danger
61	32144-11	1	Screw-TAP

Air Cleaner Assembly # 93-7485

Ref. No.	Part No.	Qty.	Description

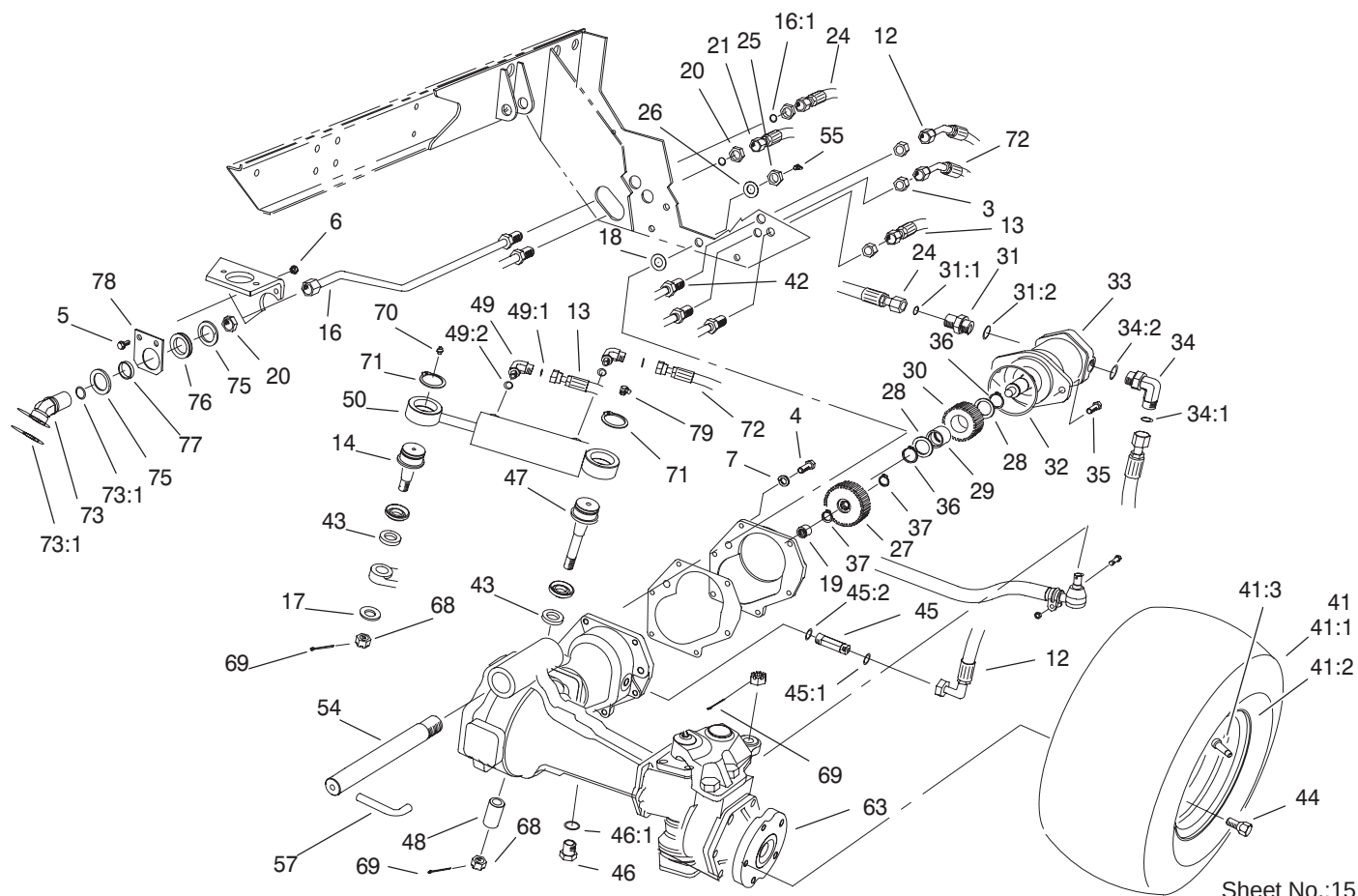


Sheet No.:15

4WD – Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
3	340-70	3	Locknut-Bulkhead	32	237-166	1	O-Ring
4	33114-025	6	Screw-HH	33	92-7386	1	Motor-Hydraulic
5	323-6	2	Screw-HH	34	340-142	1	Elbow-90°
6	32128-21	2	Nut-HF	34:1	237-58	1	O-Ring
7	3253-4	6	Washer	34:2	237-81	1	O-Ring
12	92-7534	1	Hose ASM	35	325-4	2	Screw-HH
13	92-7538	1	Hose ASM	36	32151-96	2	Ring-Retaining
14	92-5838-01	1	Ball Joint	37	32120-15	2	Ring-Snap, Ext.
16	92-7472	1	Rear Tube ASM	41	86-2820	2	Tire & Wheel ASM
16:1	237-58	1	O-Ring	41:1	86-5910	1	Tire
17	92-5836	1	Washer – Axle	41:2	100-2582	1	Rim
18	98-3867	2	Washer – Thrust	41:3	232-27	1	Stem-Valve
19	74-5700	1	Bearing-Needle, Roller	42	92-7553	1	Tube – Rear Drain
20	340-126	3	Nut-Bulkhead	*42:1	237-22	1	O-Ring
21	92-7537	1	Hose ASM	43	92-5833	2	Spacer – Ball Joint
24	92-7536	1	Hose ASM	44	74-5500	10	Bolt – Wheel
25	3296-68	1	Nut-Lock NI	45	340-2	1	Adapter
26	92-1765	1	Washer – Thrust	45:1	237-22	1	O-Ring
27	100-3774	1	Gear-Driven, 10 Pitch	45:2	237-42	1	O-Ring
28	71-4590	2	Washer-Thrust	46	353-989	1	Plug-Hollow Hex
29	71-4580	1	Bearing	46:1	237-42	1	O-Ring
30	100-3775	1	Gear-Driver, 10 Pitch	47	100-3795	1	Ball Joint
31	340-9	1	Fitting-Straight	48	100-3796	1	Spacer-Ball Joint
31:1	237-58	1	O-Ring	49	340-97	2	Fitting-90
31:2	237-81	1	O-Ring	49:1	237-22	1	O-Ring
				49:2	237-78	1	O-Ring

* Not illustrated

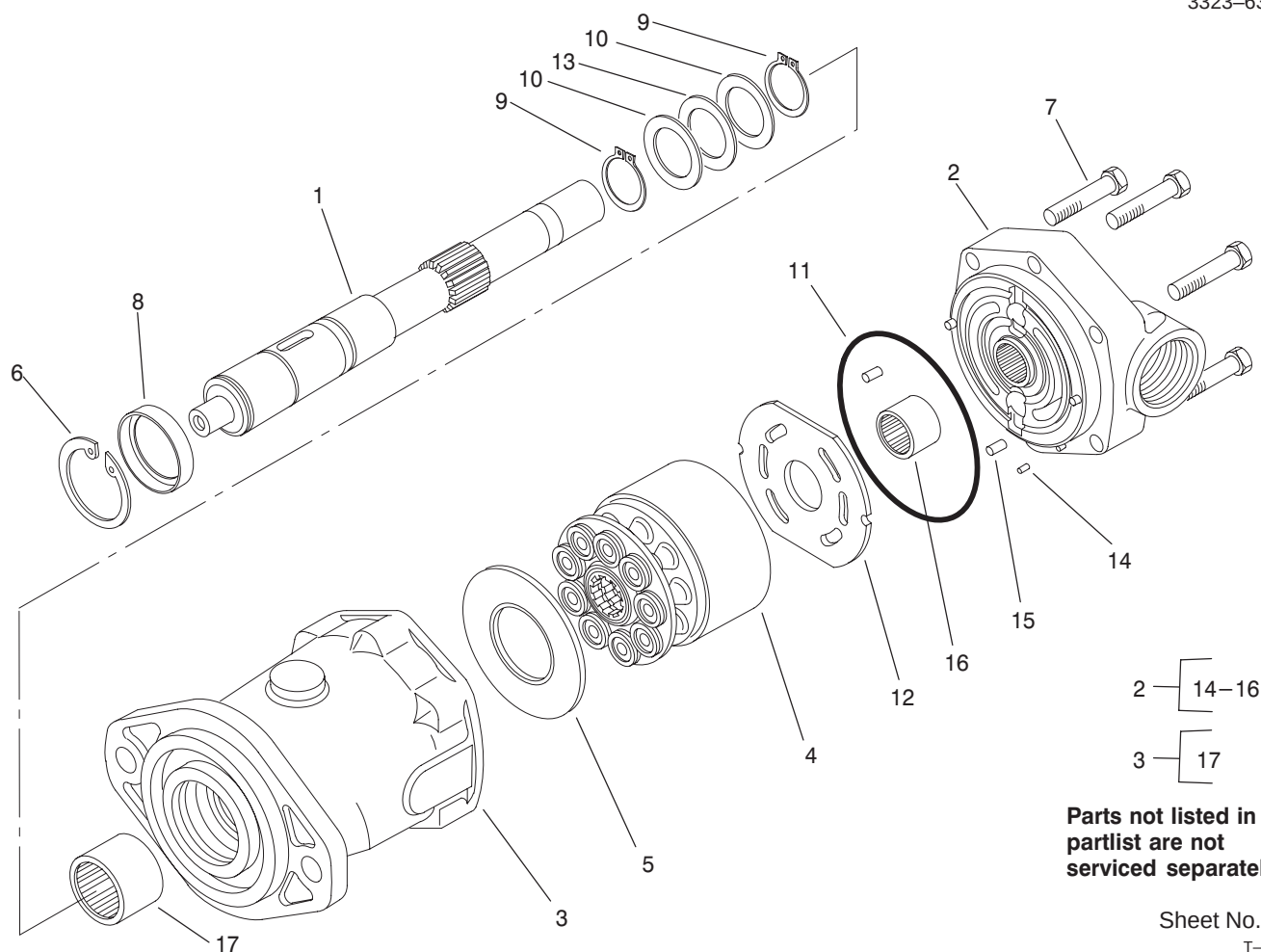


Sheet No.:15

4WD – Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description
50	98-3806	1	Hyd. Cylinder ASM
54	100-3770	1	Pin-Axle, Pivot
55	302-33	1	Fitting-Grease
57	100-3771	1	Pin-Stop
63	100-3784	1	Drive Axle ASM
68	32136-14	2	Nut-Hex Slotted
69	3272-12	4	Pin-Cotter
70	302-5	1	Fitting-Lube
71	94-9973	2	Ring - Retaining
72	92-7539	1	Hose ASM
73	92-7646	1	Elbow-Bulkhead, 45 DEG
73:1	237-58	2	O-Ring
75	69-8910	2	Washer
76	240-7	1	Grommet-Rubber
77	69-8900	1	Spacer
78	92-7552-03	1	Bracket - Bulkhead
79	302-60	1	Fitting-Lube

Ref. No.	Part No.	Qty.	Description



**Parts not listed in
partlist are not
serviced separately.**

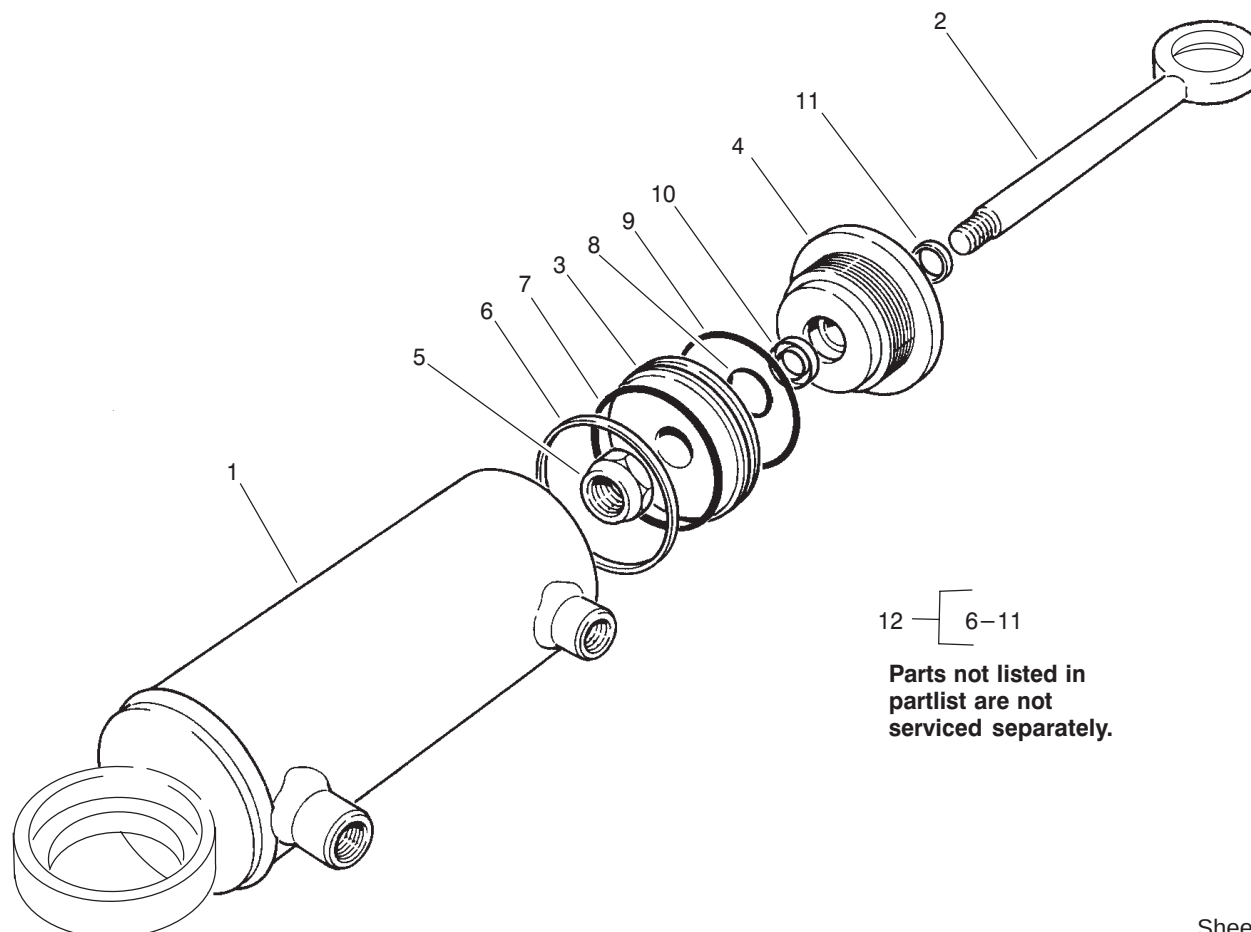
Sheet No.:B3

T-3496

Hydraulic Motor Assembly # 92-7386

Ref. No.	Part No.	Qty.	Description
1	76-6930	1	Shaft-Drive
2	94-3000	1	Backplate ASM
3	94-3001	1	Housing ASM
4	76-6910	1	Rotating Kit ASM
5	76-6970	1	Insert-Cam Plate
6	76-7010	1	Ring-Retaining
7	94-3002	6	Capscrew
8	76-7020	1	Spacer
9	76-7000	2	Ring-Retaining
10	76-6950	2	Thrust Race
11	76-6980	1	O-Ring
12	94-3003	1	Plate - Valve
13	76-6960	1	Bearing-Thrust

Ref. No.	Part No.	Qty.	Description



12 — 6-11

**Parts not listed in
partlist are not
serviced separately.**

Sheet No.:B4

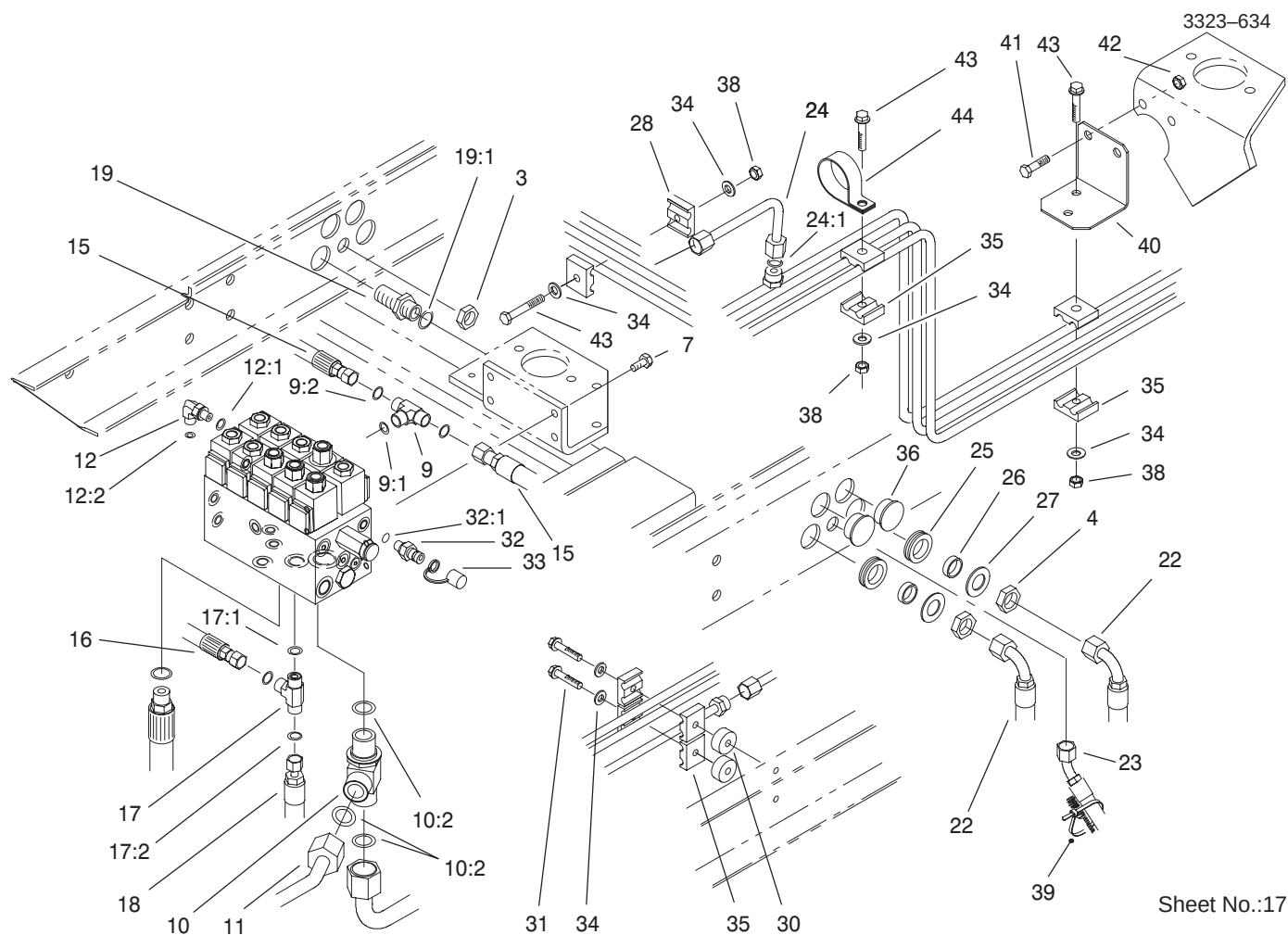
T-3527

Hydraulic Cylinder Assembly No. 98-3806

Ref. No.	Part No.	Qty.	Description
1	99-4753	1	Butt & Tube ASM
2	99-4754	1	Piston & Rod ASM
3	66-1940	1	Piston
4	92-6588	1	Gland
5	66-1930	1	Locknut
12	92-6593	1	Seal Kit

Ref. No.	Part No.	Qty.	Description

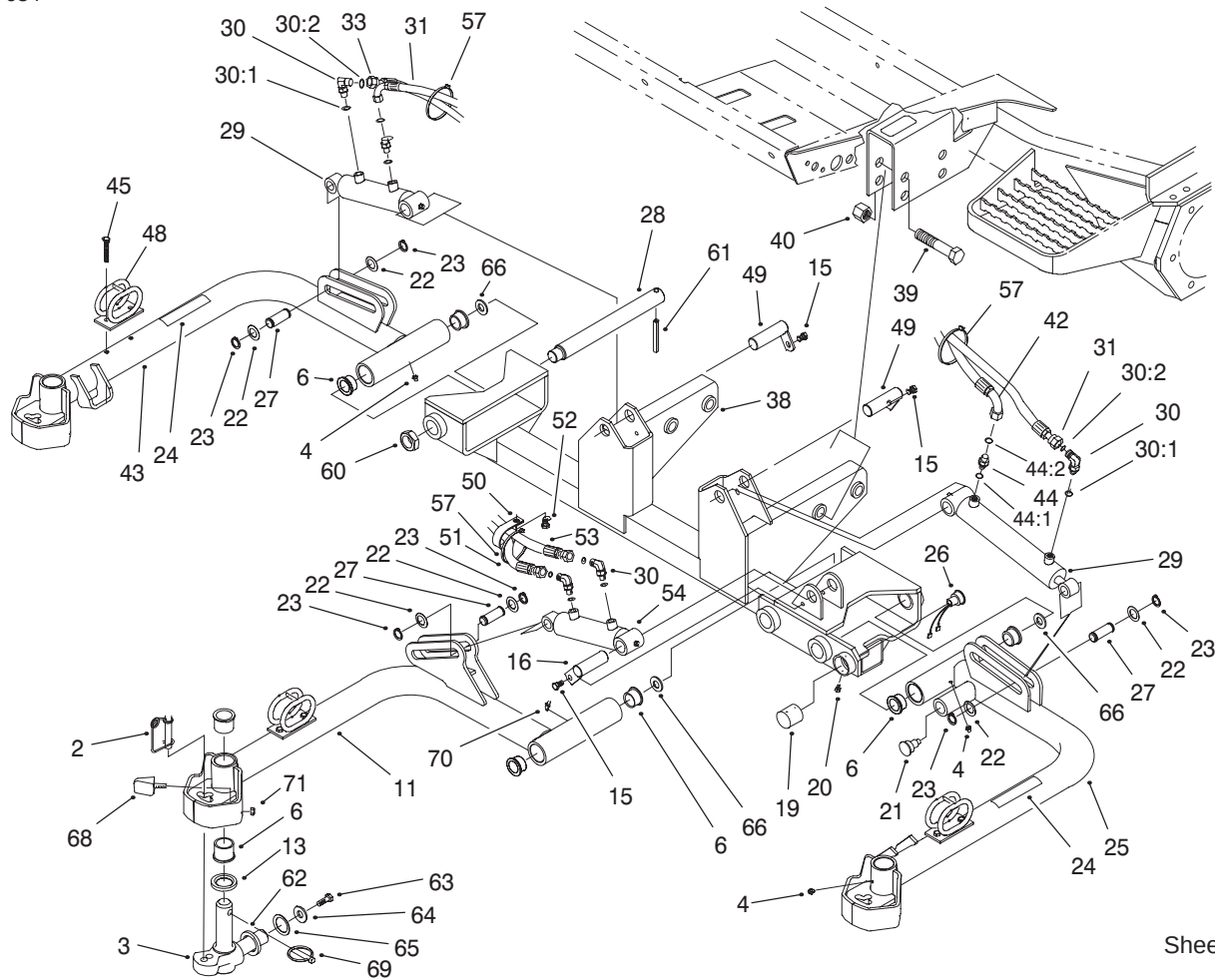
* Not Illustrated



Rear Hydraulic Control Block and Tube Assembly

Ref. No.	Part No.	Qty.	Description
3	340-70	2	Locknut-Bulkhead
4	340-127	4	Nut-Bulkhead
7	33104-025	4	Screw-HHF
9	340-125	1	Adapter
9:1	237-21	2	O-Ring
9:2	237-78	1	O-Ring
10	340-148	1	Fitting
10:1	237-81	1	O-Ring
10:2	237-58	2	O-Ring
11	92-7557	1	Front Cooler Tube ASM
12	340-132	1	Elbow-90°
12:1	237-78	1	O-Ring
12:2	237-21	1	O-Ring
15	92-7638	2	Hose ASM
16	100-3798	1	Hose ASM
17	340-140	1	Adapter Tee
17:1	237-21	2	O-Ring
17:2	237-78	1	O-Ring
18	100-3833	1	Hose ASM
19	340-161	1	Fitting-Bulkhead
19:1	237-30	2	O-Ring
22	99-5613	4	Hyd Hose ASM
23	99-5614	2	Hyd Hose ASM
24	93-4206	1	Drain Tube ASM
24:1	237-22	1	O-Ring

Ref. No.	Part No.	Qty.	Description
25	240-5	4	Grommet
26	69-8960	4	Spacer
27	69-8930	8	Washer
28	56-7972	4	Tube Clamp
30	80-8660	2	Spacer - Coupler
31	32104-37	2	Screw-HWH
34	3256-23	9	Washer-Flat
35	56-7973	8	Clamp-Tube
36	94-1402	4	Plug - Hole
38	3296-47	5	Nut-Lock, NI
39	3290-378	6	Tie-Cable
40	94-2834-03	1	Bracket - Clamp
41	323-6	2	Screw-HH
42	32128-21	2	Nut-HF
43	322-7	5	Screw-HH
44	2412-147	1	Clamp

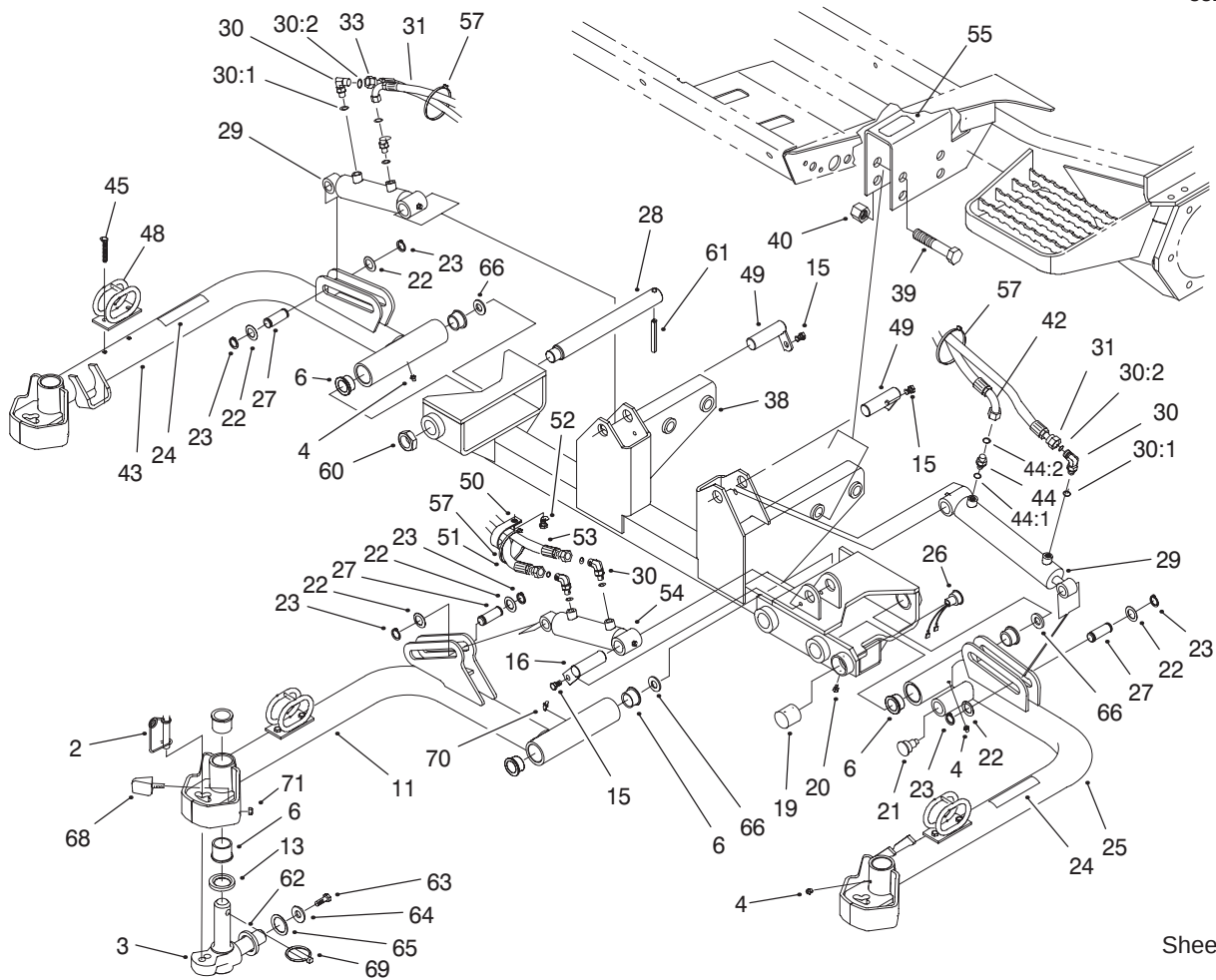


Sheet No.:18

Front Lift Arm Assembly

Ref. No.	Part No.	Qty.	Description
2	99-5610	3	Pin
3	98-1880-01	3	Knuckle – Pivot
4	302-5	5	Fitting–Lube
6	94-8947	12	Bushing – Flange
11	99-2561	1	Arm–Lift #1
13	94-8946	3	Washer
15	32144-14	3	Screw–HWH
16	83-6790	1	Pin–Cylinder
19	75-6370	1	Cap – Sensor
20	32104-76	2	Screw–Slot, Acorn
21	92-8754	1	Plug–Reed Switch, Magnet
22	94-9998	6	Washer – Thrust
23	94-9974	6	Ring–Retaining
24	93-6687	2	Decal–Step, No
25	99-2564	1	Arm–Lift, #4
26	92-8002	1	Plug–Reed Switch, Magnet
27	75-5350	3	Pin–Slide, Cylinder
28	95-7158	3	Pin – Pivot
29	99-6986	2	Cylinder–Hydraulic
30	340-132	4	Elbow–90°
30:1	237-78	1	O–Ring
30:2	237-21	1	O–Ring
31	99-5642	2	Hose–Hydraulic
33	100-3799	1	Hose ASM

Ref. No.	Part No.	Qty.	Description
38	99-5615	1	Frame
39	328-7	4	Screw–HH
40	3296-51	4	Nut–Lock NI
42	100-3811	1	Hyd Hose ASM
43	99-2565	1	Arm–Lift, #5
44	340-92	2	Fitting
44:1	237-78	1	O–Ring
44:2	237-21	1	O–Ring
45	33114-020	6	Screw–HH
48	99-5621	3	Guide–Hose
49	83-6780-01	2	Pin–Cylinder
50	2412-96	1	Clamp–R
51	92-7565	1	Hose ASM
52	322-4	1	Screw–HH
53	92-7562	1	Hose ASM
54	93-2650	1	Cylinder – Lift
57	3290-378	3	Tie–Cable
60	3296-49	3	Nut–Lock NI
61	32121-110	3	Pin–Roll, Slotted
62	98-7974	3	Washer – Thrust
63	98-7993	3	Screw–HHF
64	3256-6	3	Washer–Flat
65	3-6781	3	Washer–Thrust
66	76-2980	3	Washer–Thrust
68	99-5605	6	Bumper ASM
69	283-71	3	Pin–Lynch

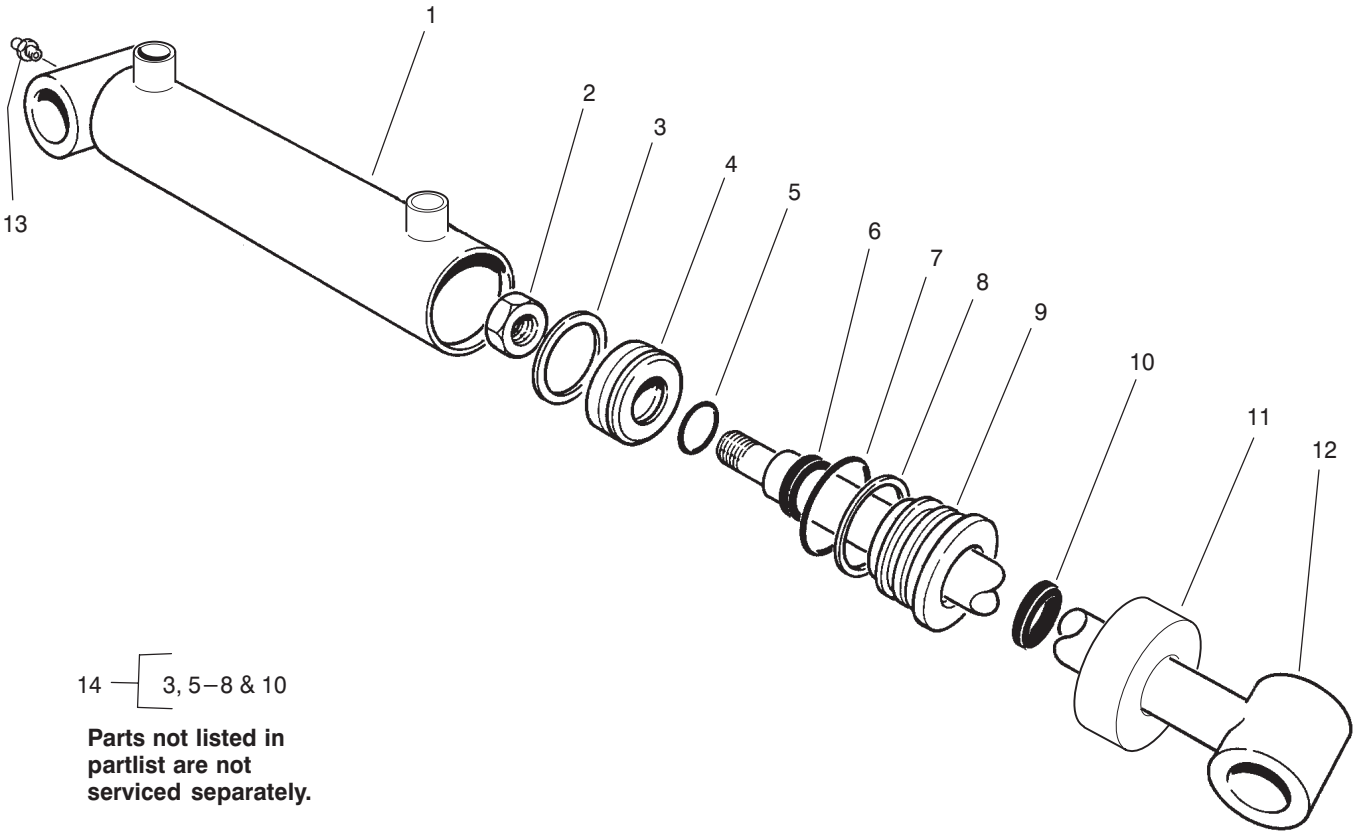


Sheet No.:18

Front Lift Arm Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
70	302-60	1	Fitting-Lube
71	3296-29	6	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description

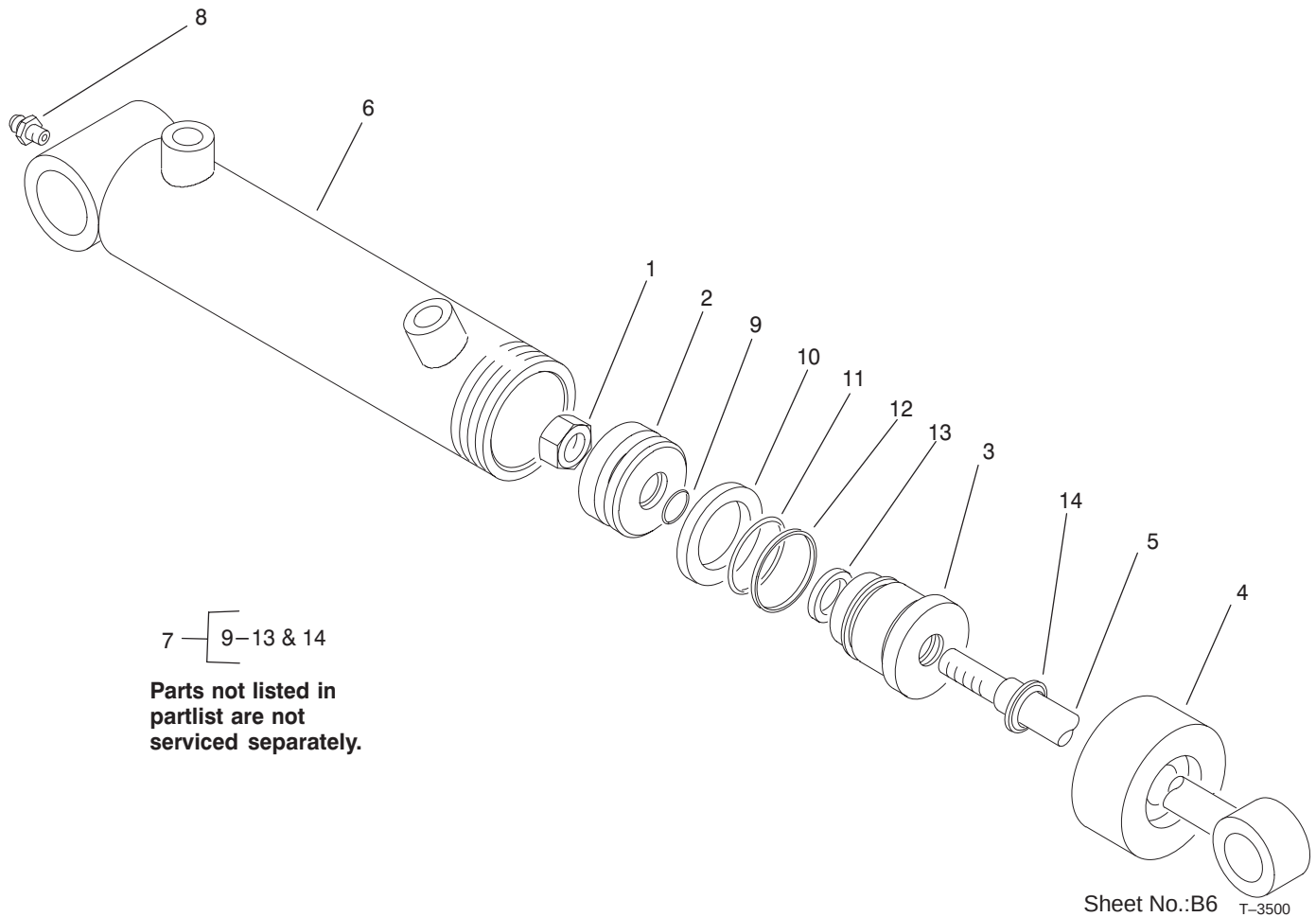


Sheet No.:B5
T-3499

Hydraulic Cylinder Assembly # 99-6986

Ref. No.	Part No.	Qty.	Description
2	32152-10	1	Locknut-Deform, Top
14	100-8023	1	Kit-Repair, Seal

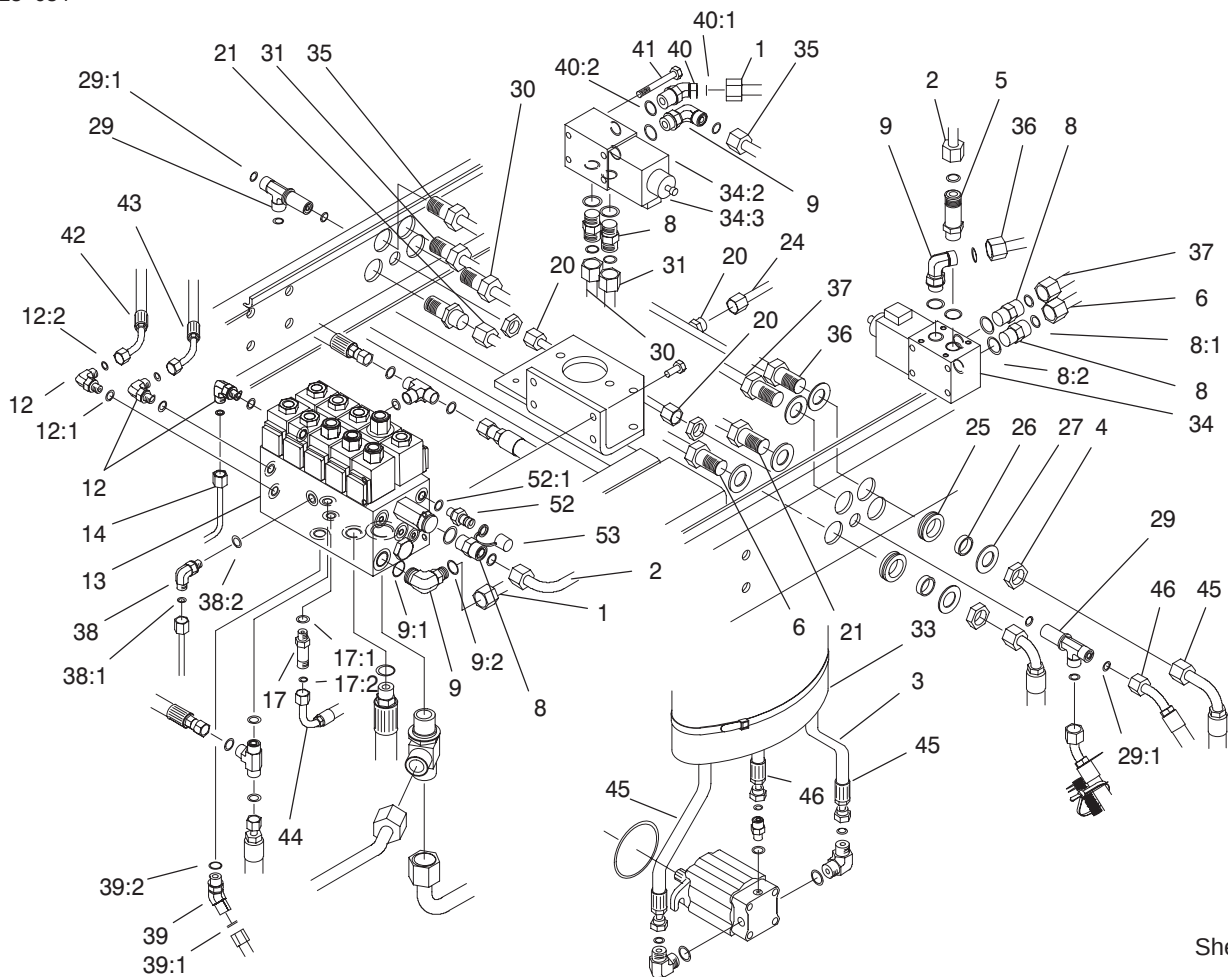
Ref. No.	Part No.	Qty.	Description



Hydraulic Cylinder Assembly # 93-2650

Ref. No.	Part No.	Qty.	Description
1	32152-10	1	Locknut-Deform, Top
2	70-2780	1	Piston
3	93-7990	1	Head
4	93-7991	1	Collar
5	94-2644	1	Shaft With Tube
7	86-7330	1	Kit-Seal
8	302-5	1	Fitting-Lube

Ref. No.	Part No.	Qty.	Description



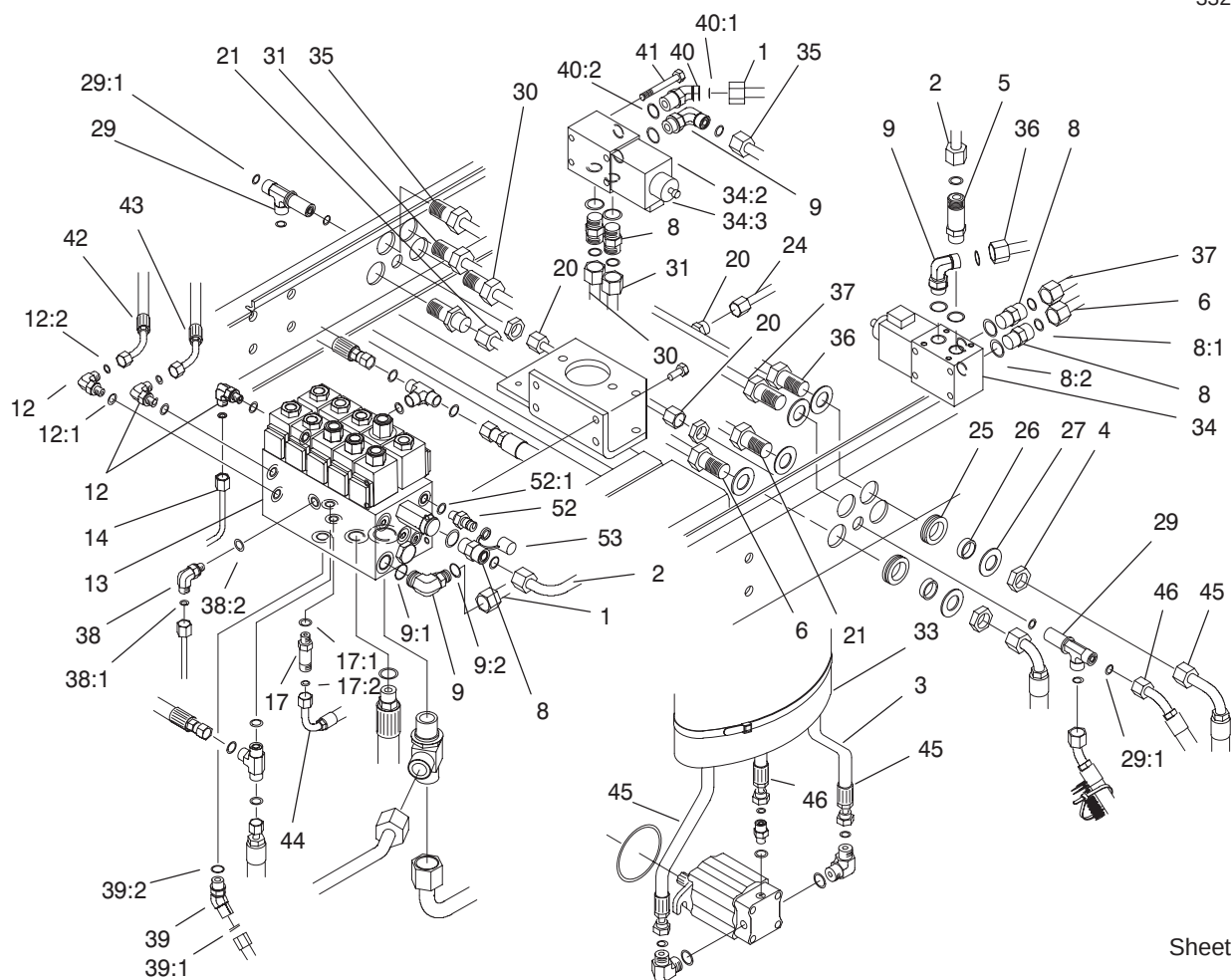
Sheet No.:19

Rear Hydraulic Control Block Assembly

Ref. No.	Part No.	Qty.	Description
1	93-7951	1	Tube ASM
2	93-7950	1	Tube ASM
3	3290-378	4	Tie-Cable
4	340-127	4	Nut-Bulkhead
5	94-2628	1	Adapter - Hyd
6	93-7954	1	Hydraulic Tube ASM
8	340-4	5	Adapter
8:1	237-30	1	O-Ring
8:2	237-79	1	O-Ring
9	340-98	3	Fitting-Hyd, 90°
9:1	237-79	1	O-Ring
9:2	237-30	1	O-Ring
12	340-132	2	Elbow-90°
12:1	237-78	1	O-Ring
12:2	237-21	1	O-Ring
13	100-3780	1	Rear Manifold Block ASM
14	92-7592	1	Tube ASM
17	94-1403	1	Adapter - Hyd
17:1	237-78	1	O-Ring
17:2	237-21	1	O-Ring
20	93-7959	1	Hydraulic Tube ASM
21	93-7958	1	Hydraulic Tube ASM
24	94-2629	1	Drain Tube ASM
25	240-5	4	Grommet
26	69-8960	4	Spacer

Ref. No.	Part No.	Qty.	Description
27	69-8930	8	Washer
29	340-68	2	Fitting-Tee, Bulkhead
29:1	237-22	3	O-Ring
30	93-7956	1	Hydraulic Tube ASM
31	93-7957	1	Hydraulic Tube ASM
33	100-3814	2	Sleeve - Protective
34	76-9970	2	Valve - 4wd
*34:1	237-80	2	O-Ring
34:2	218-591	1	Coil ASM
34:3	218-592	1	Coil Nut
35	93-7955	1	Hydraulic Tube ASM
36	93-7952	1	Hydraulic Tube ASM
37	93-7953	1	Hydraulic Tube ASM
38	340-77	1	Fitting-Hyd., 90°
38:1	237-22	1	O-Ring
38:2	237-42	1	O-Ring
39	340-87	1	Fitting-Hydraulic, 45 DEG
39:1	237-22	1	O-Ring
39:2	237-42	1	O-Ring
40	340-101	1	Fitting
40:1	237-30	1	O-Ring
40:2	237-79	1	O-Ring
41	322-13	4	Screw-HH
42	92-7635	1	Hose ASM
43	92-7641	1	Hose ASM

* Not illustrated

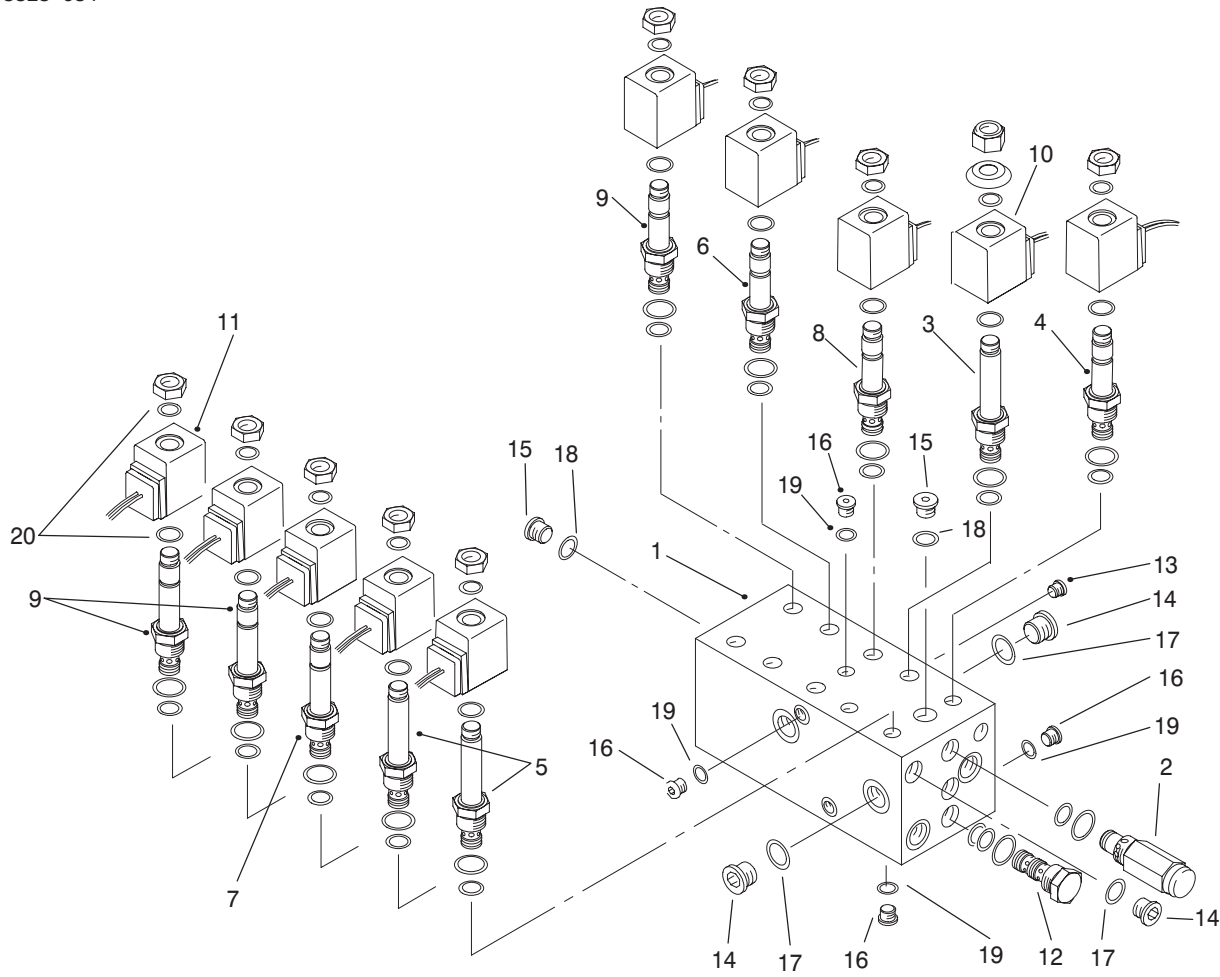


Sheet No.:19

Rear Hydraulic Control Block Assembly

Ref. No.	Part No.	Qty.	Description
44	92-7640	1	Hose ASM
45	99-5631	4	Hydraulic Hose ASM
46	94-1433	2	Hydraulic Hose ASM
52	354-77	1	Fitting-Quick
52:1	237-78	1	O-Ring
53	354-79	1	Cap - Fitting, Yellow

Ref. No.	Part No.	Qty.	Description



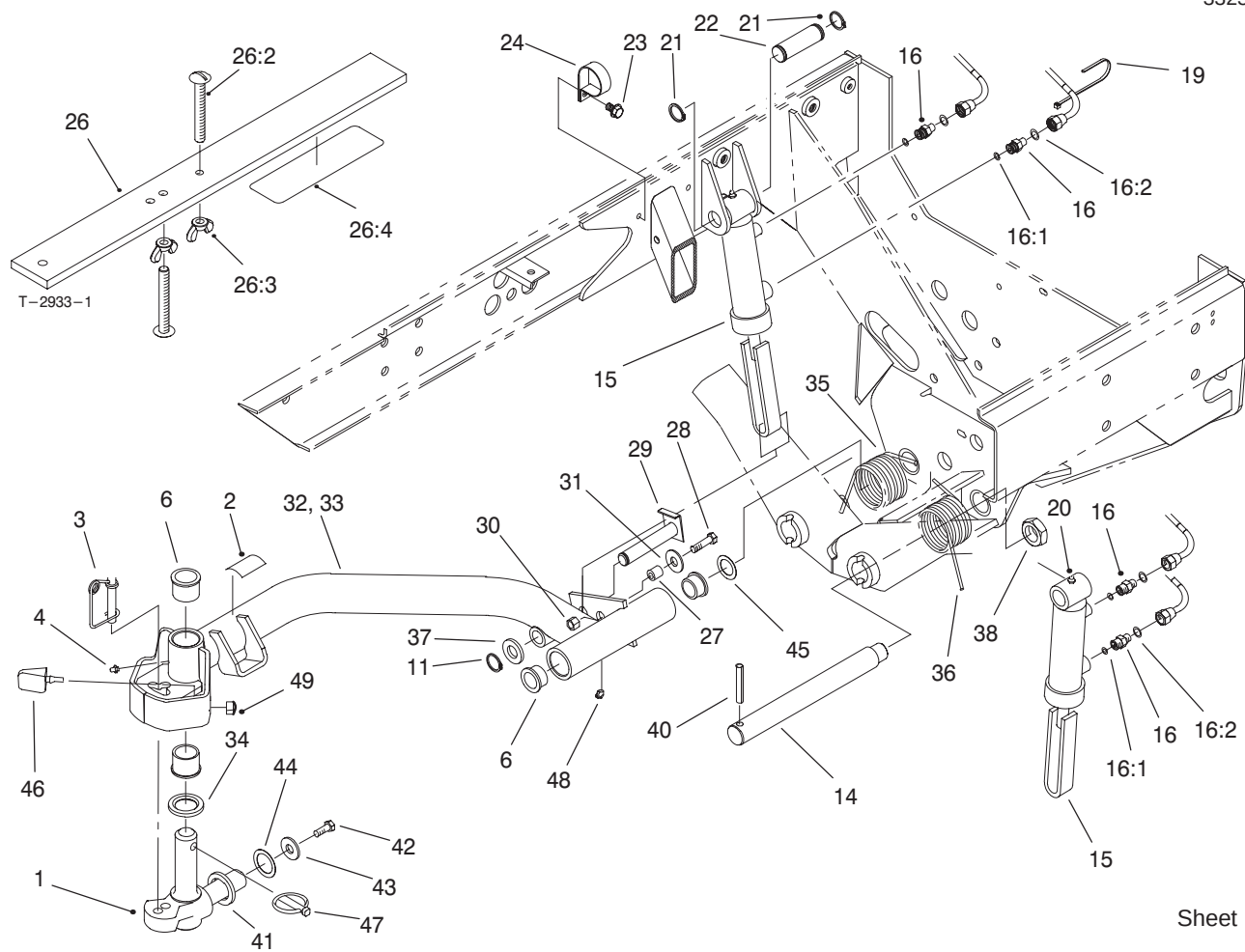
Sheet No.:B7
T-3525

Manifold Block Assembly No. 100-3780

Ref. No.	Part No.	Qty.	Description
1	94-2625	1	Body – Manifold
2	75-0920	1	Cartridge-Relief
*2:1	95-5645	1	Seal Kit
3	95-3459	1	Cartridge-N.o. Flow Control
*3:1	75-2080	1	Seal Kit
4	95-3459	1	Cartridge-N.o. Flow Control
*4:1	75-2080	1	Seal Kit
5	93-9494	2	Certificate – Conformity
6	92-6315	1	Cartridge-N.c. Poppet
*6:1	69-4230	1	Seal Kit
7	93-7495	1	Cartridge – 3w/2p
8	94-2627	1	Cartridge – 4w/2p
*8:1	75-2090	1	Seal Kit
9	94-2685	3	Cartridge – N.c. Spool
*9:1	95-5645	1	Seal Kit
10	88-9200	1	Solenoid Coil Kit
11	88-9190	9	Solenoid Coil Kit
12	93-7491	1	Cartridge – Pilot Check
*12:1	69-4260	1	Seal Kit
13	353-991	13	Plug-Hollow Hex
13:1	237-156	1	O-Ring
14	353-990	5	Plug

Ref. No.	Part No.	Qty.	Description
14:1	237-78	1	O-Ring
15	353-989	5	Plug-Hollow Hex
15:1	237-42	1	O-Ring
16	237-42	5	O-Ring
17	237-78	5	O-Ring
18	237-156	13	O-Ring
*19	75-2080	6	Seal Kit
*20	69-4260	2	Seal Kit
*21	75-2090	1	Seal Kit

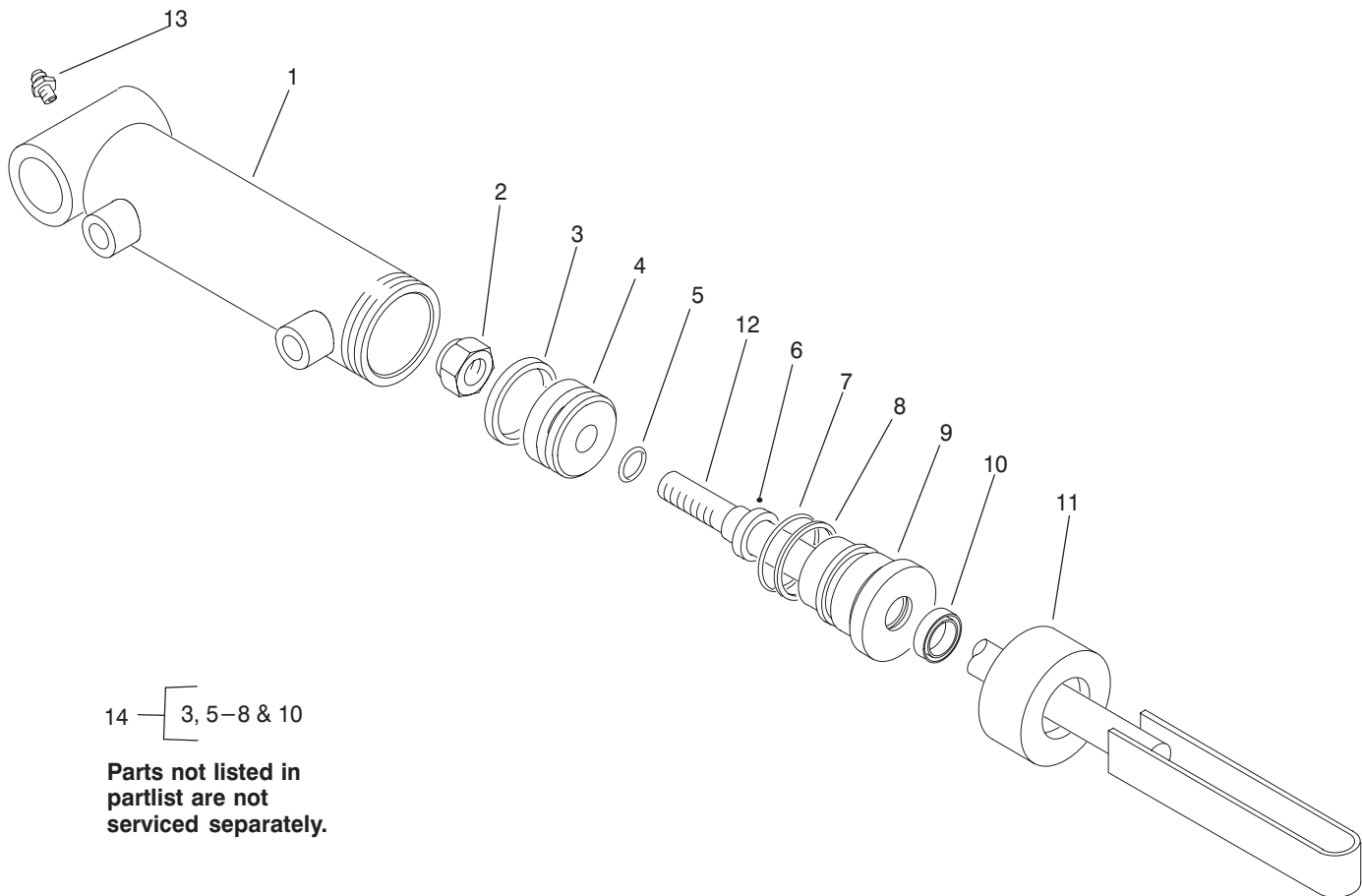
* Not illustrated



Sheet No.:20

Rear Lift Arm Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-1880-01	2	Knuckle – Pivot	32	99-2563	1	Arm–Lift #3,
2	93-6696	2	Decal–Loaded, Spring	33	99-2562	1	Arm–Lift, #2
3	99-5610	2	Pin	34	94-8946	2	Washer
4	302-5	2	Fitting–Lube	35	99-5608	1	Spring–Torsion, RH
6	94-8947	8	Bushing – Flange	36	99-5609	1	Spring–Torsion, LH
11	94-9974	2	Ring–Retaining	37	67-6570	2	Spacer–Wheel
14	95-7158	2	Pin – Pivot	38	3296-49	2	Nut–Lock NI
15	99-2550	2	Cylinder–Hyd	40	32121-110	2	Pin–Roll, Slotted
16	340-92	4	Fitting	41	98-7974	2	Washer – Thrust
16:1	237-78	1	O–Ring	42	98-7993	2	Screw–HHF
16:2	237-21	1	O–Ring	43	3256-6	2	Washer–Flat
19	3290-378	2	Tie–Cable	44	3-6781	2	Washer–Thrust
20	302-61	2	Zerk	45	76-2980	2	Washer–Thrust
21	32151-36	4	Ring–Retaining	46	99-5605	4	Bumper ASM
22	92-7548	2	Pin–Cylinder	47	283-71	2	Pin–Lynch
23	32144-11	1	Screw–TAP	48	302-11	2	Fitting–Lube, 45°
24	2412-96	1	Clamp–R	49	3296-29	4	Nut–Lock, NI
26	98-1852	1	Guage Bar ASM				
26:2	32122-54	2	Screw–Head, Truss				
26:3	32103-3	2	Nut–Wing				
26:4	98-7976	1	Decal–Bar, Guage				
27	82-6840	2	Spacer				
28	322-7	2	Screw–HH				
29	99-2560	2	Pin				
30	3296-29	2	Nut–Lock, NI				
31	3256-3	2	Washer–Flat				



14 — 3, 5-8 & 10

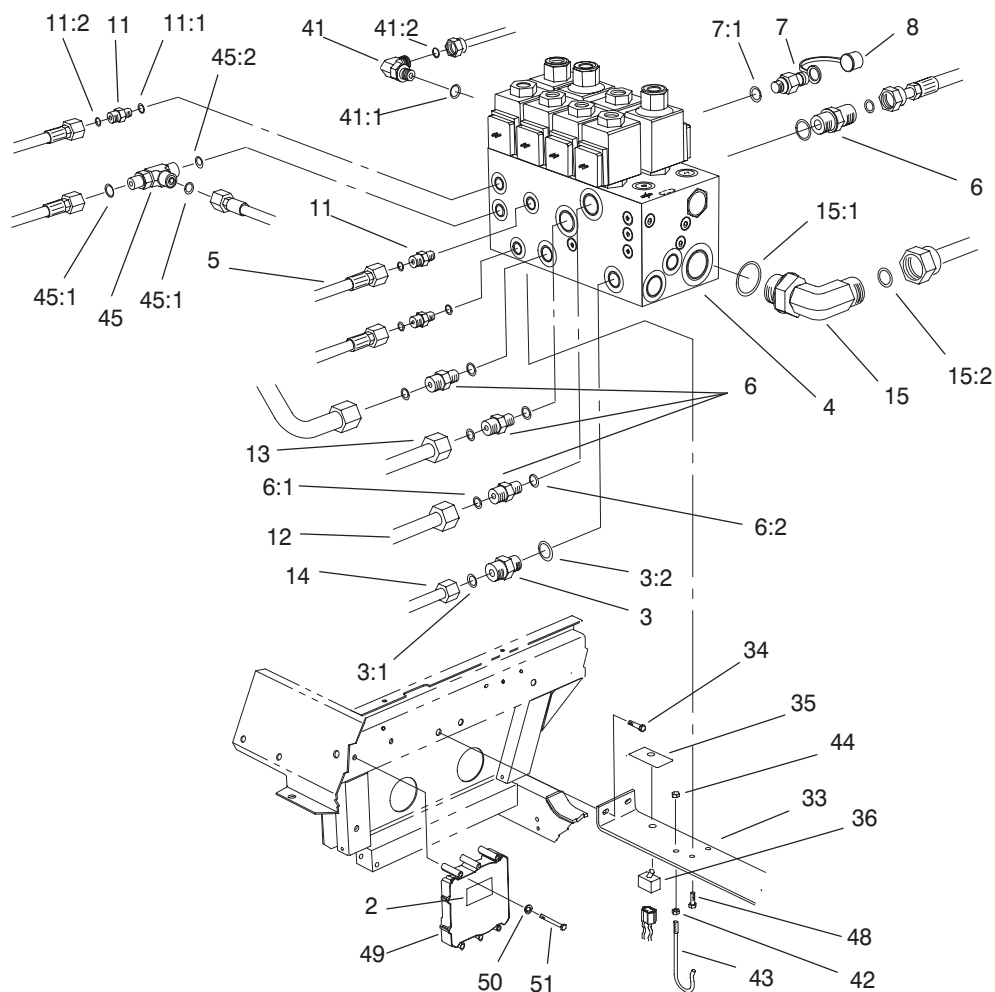
Parts not listed in
partlist are not
serviced separately.

T-3501
Sheet No.:B8

Hydraulic Cylinder Assembly # 99-2550

Ref. No.	Part No.	Qty.	Description
2	32152-10	1	Locknut-Deform, Top
13	302-5	1	Fitting-Lube
14	100-8023	1	Kit-Repair, Seal

Ref. No.	Part No.	Qty.	Description

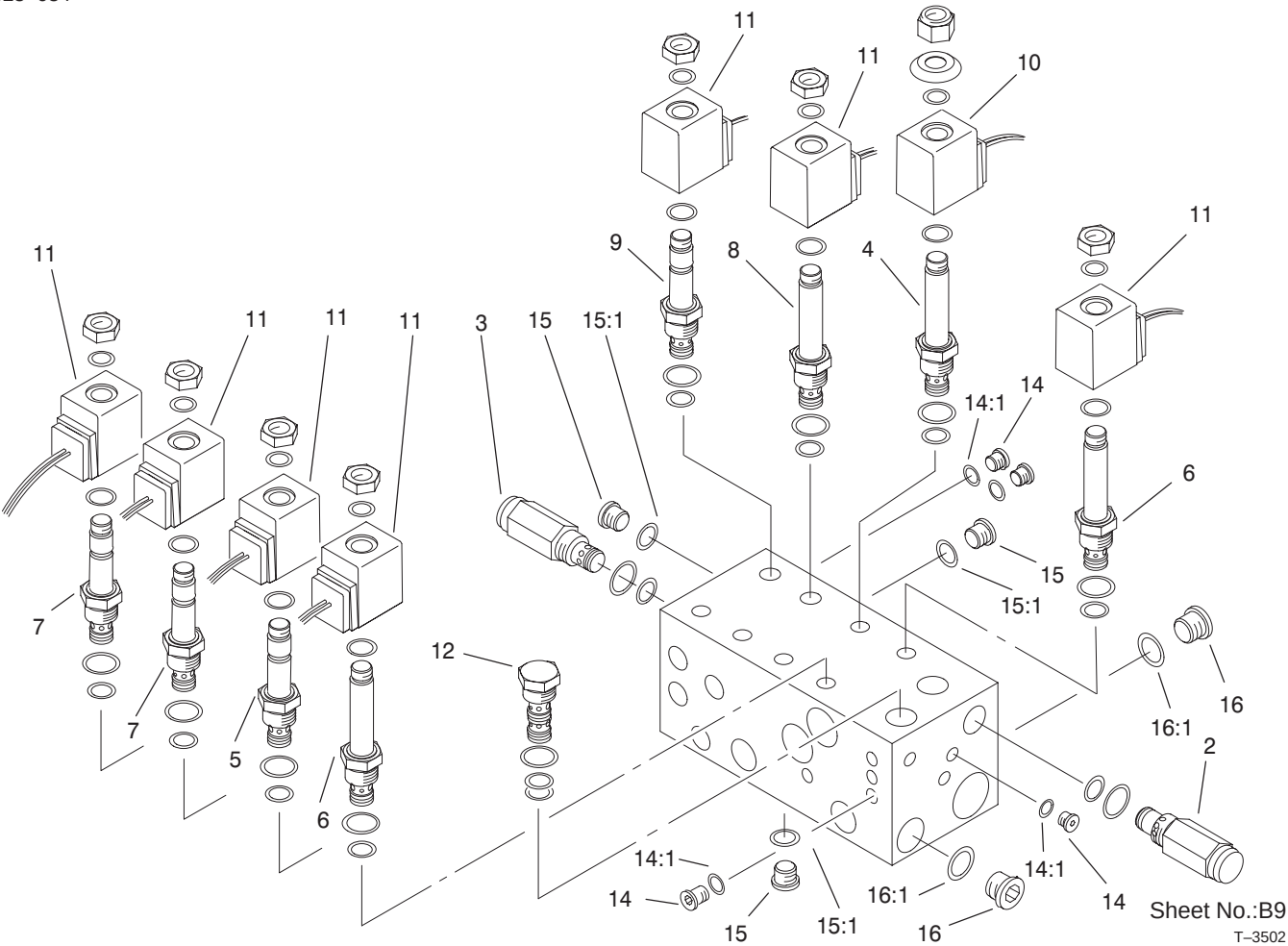


Sheet No.:21

Front Hydraulic Control Block and Hose Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
2	93-8053	1	Decal	34	3234-17	4	Screw-HHF
3	340-2	1	Adapter	35	93-1264	1	Decal - Backlap
3:1	237-22	1	O-Ring	36	93-7487	1	Switch - Toggle
3:2	237-42	1	O-Ring	41	340-132	1	Elbow-90°
4	100-3800	1	Front Manifold Block	41:1	237-78	1	O-Ring
5	100-3783	1	Hose ASM	41:2	237-21	1	O-Ring
6	340-4	4	Adapter	42	3217-6	1	Nut-Hex
6:1	237-30	1	O-Ring	43	93-7970	1	Wireform - Hose
6:2	237-79	1	O-Ring	44	3296-29	1	Nut-Lock, NI
7	354-77	1	Fitting-Quick	45	340-140	1	Adapter Tee
7:1	237-78	1	O-Ring	45:1	237-21	2	O-Ring
8	354-79	1	Cap - Fitting, Yellow	45:2	237-78	1	O-Ring
11	340-92	3	Fitting	48	33104-016	4	Screw-HHF
11:1	237-78	1	O-Ring	49	92-5720	2	Controller-Electronic
11:2	237-21	1	O-Ring	50	3253-3	3	Washer-Lock/Sp
12	93-4216	1	Tube ASM	51	321-15	3	Screw-HH
*12:1	237-30	1	O-Ring				
13	93-4217	1	Tube ASM				
14	93-4222	1	Drain Return Tube				
15	340-139	1	Fitting-90°				
15:1	237-81	1	O-Ring				
15:2	237-65	1	O-Ring				
33	92-7519-01	1	Bracket-Manifold				
			Block				

* Not illustrated

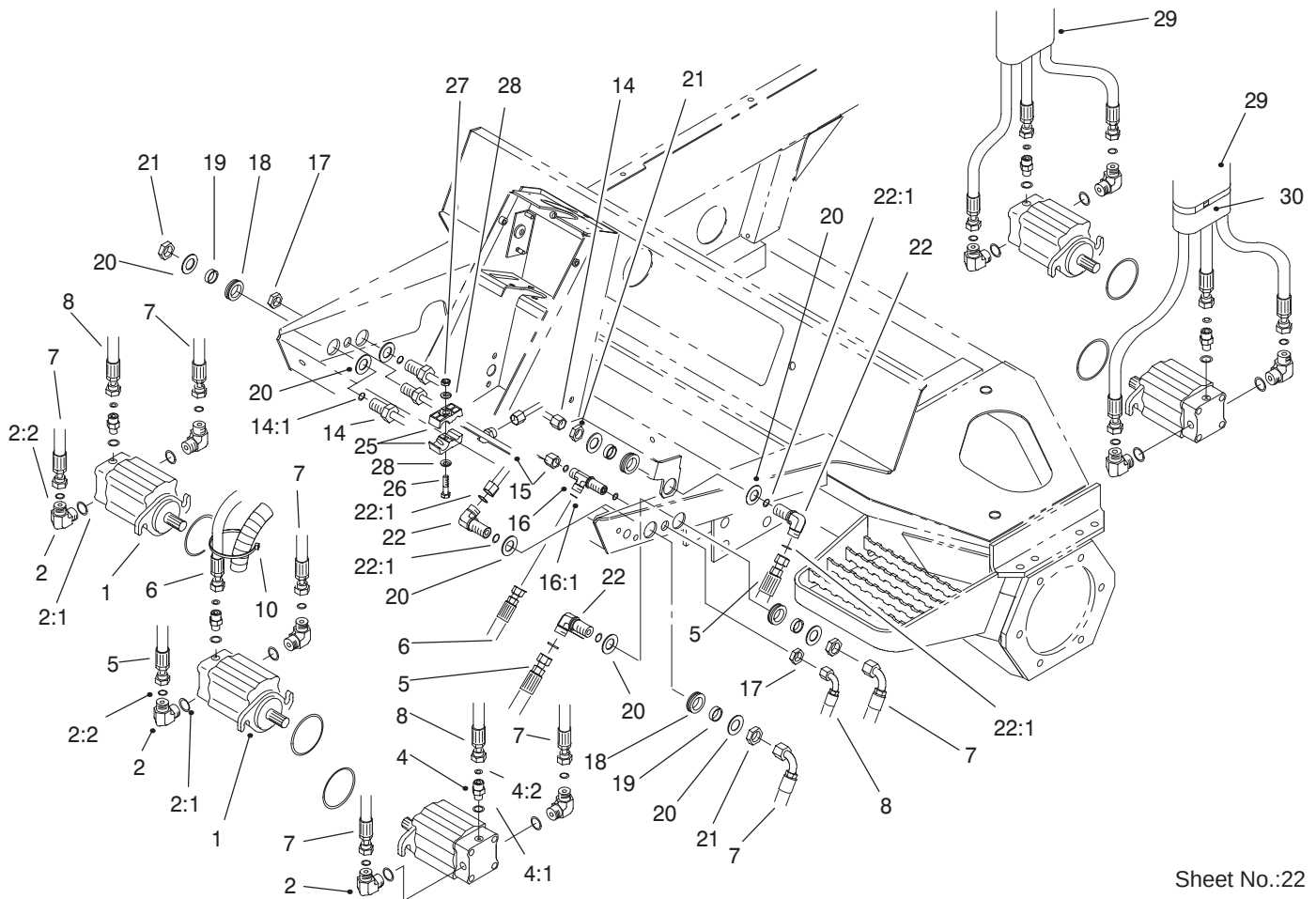


Front Manifold Block Assembly # 100-3800

Ref. No.	Part No.	Qty.	Description
2	75-0920	1	Cartridge-Relief
*2:1	95-5645	1	Seal Kit
3	93-7492	1	Cartridge - Relief
*3:1	75-2080	1	Seal Kit
4	95-3459	1	Cartridge-N.o. Flow Control
*4:1	75-2080	1	Seal Kit
5	88-6980	1	Cartridge-N.c.
*5:1	75-2080	1	Seal Kit
6	93-7494	2	Cartridge - N.o.
*6:1	75-2080	1	Seal Kit
7	92-6315	1	Cartridge-N.c. Poppet
*7:1	69-4230	1	Seal Kit
8	92-3071	1	Solenoid
*8:1	69-4260	1	Seal Kit
9	94-2685	2	Cartridge - N.c. Spool
*9:1	95-5645	1	Seal Kit
10	88-9200	1	Solenoid Coil Kit
11	88-9190	7	Solenoid Coil Kit
12	93-7491	1	Cartridge - Pilot Check
*12:1	69-4260	1	Seal Kit
14	353-991	10	Plug-Hollow Hex
14:1	237-156	1	O-Ring
15	353-990	10	Plug
15:1	237-78	1	O-Ring

Ref. No.	Part No.	Qty.	Description
16	353-989	5	Plug-Hollow Hex
16:1	237-42	1	O-Ring
*20	75-2080	7	Seal Kit
*21	69-4260	2	Seal Kit

* Not illustrated



Sheet No.:22

Reel Motor and Hose Assembly

Ref. No.	Part No.	Qty.	Description
1	98-9999	7	Hydraulic Motor
2	340-98	14	Fitting-Hyd, 90°
2:1	237-79	1	O-Ring
2:2	237-30	1	O-Ring
4	340-92	7	Fitting
4:1	237-78	1	O-Ring
4:2	237-21	1	O-Ring
5	99-5629	2	Hose ASM
6	92-7560	1	Hydraulic Hose ASM
7	99-5630	4	Hose ASM
8	92-7559	2	Hydraulic Hose ASM
10	3290-378	5	Tie-Cable
14	93-4219	1	Tube ASM
14:1	237-30	1	O-Ring
15	93-4223	1	Front Drain Tube ASM
*15:1	237-22	1	O-Ring
16	340-68	1	Fitting-Tee, Bulkhead
16:1	237-22	3	O-Ring
17	340-70	2	Locknut-Bulkhead
18	240-5	5	Grommet
19	69-8960	5	Spacer
20	69-8930	10	Washer
21	340-127	5	Nut-Bulkhead
22	93-9151	3	Fitting-Hyd
22:1	237-30	2	O-Ring
25	56-7972	4	Tube Clamp

Ref. No.	Part No.	Qty.	Description
26	322-7	2	Screw-HH
27	3296-47	2	Nut-Lock, NI
28	3256-23	4	Washer-Flat
29	99-5617	5	Sleeve - Protection
30	3290-379	10	Tie-Cable

* Not illustrated

10 — 1-3 & 6

11 — 1, 2, 4, 5 & 9

12 — 6 & 7

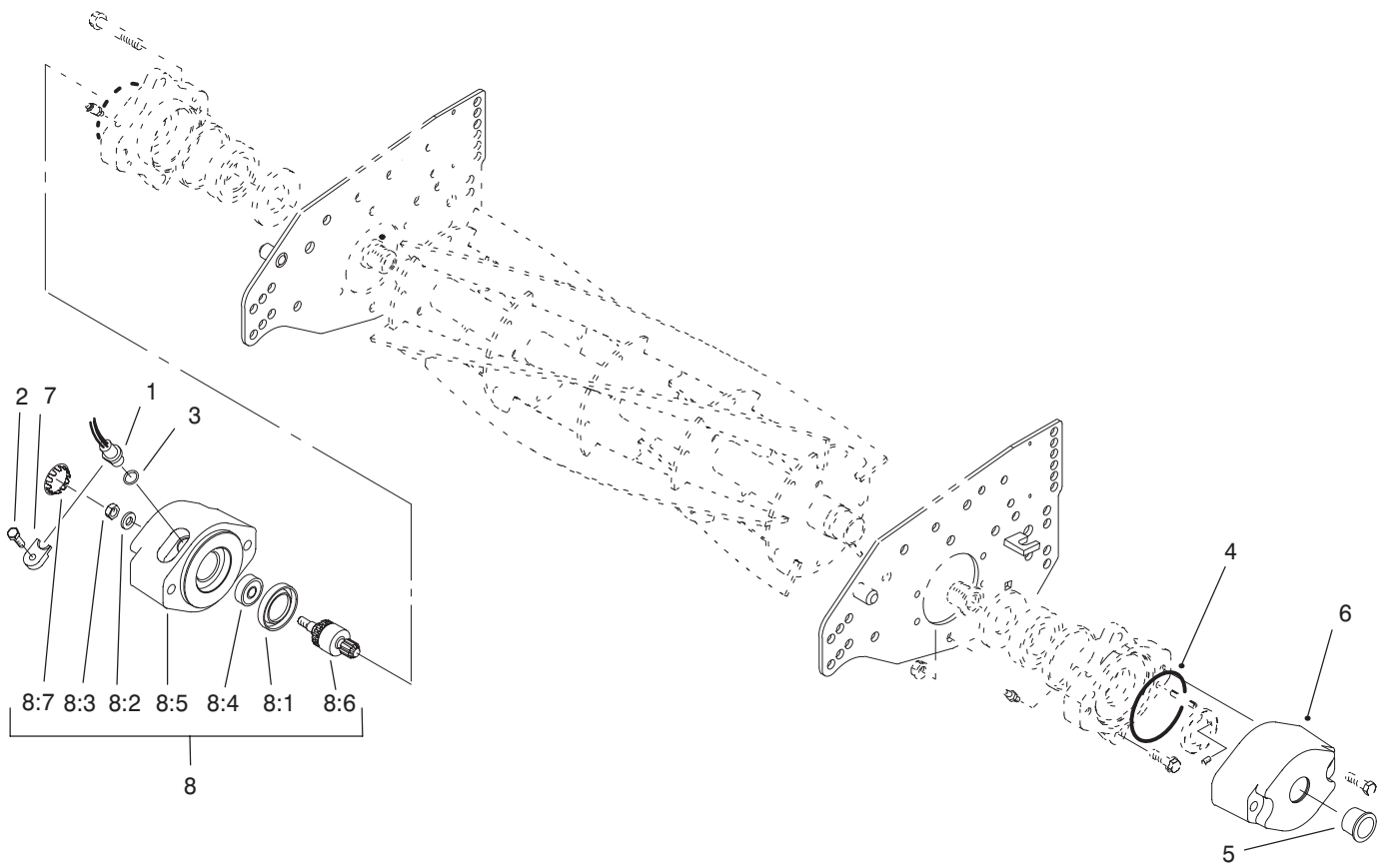
Parts not listed in partlist are not serviced separately.

Sheet No.: C

Reel Motor Assembly # 98-9999

Ref. No.	Part No.	Qty.	Description
10	93-9152	1	Flange Kit
11	98-9997	1	Seal Kit
12	93-9154	1	Valve Block Kit

Ref. No.	Part No.	Qty.	Description

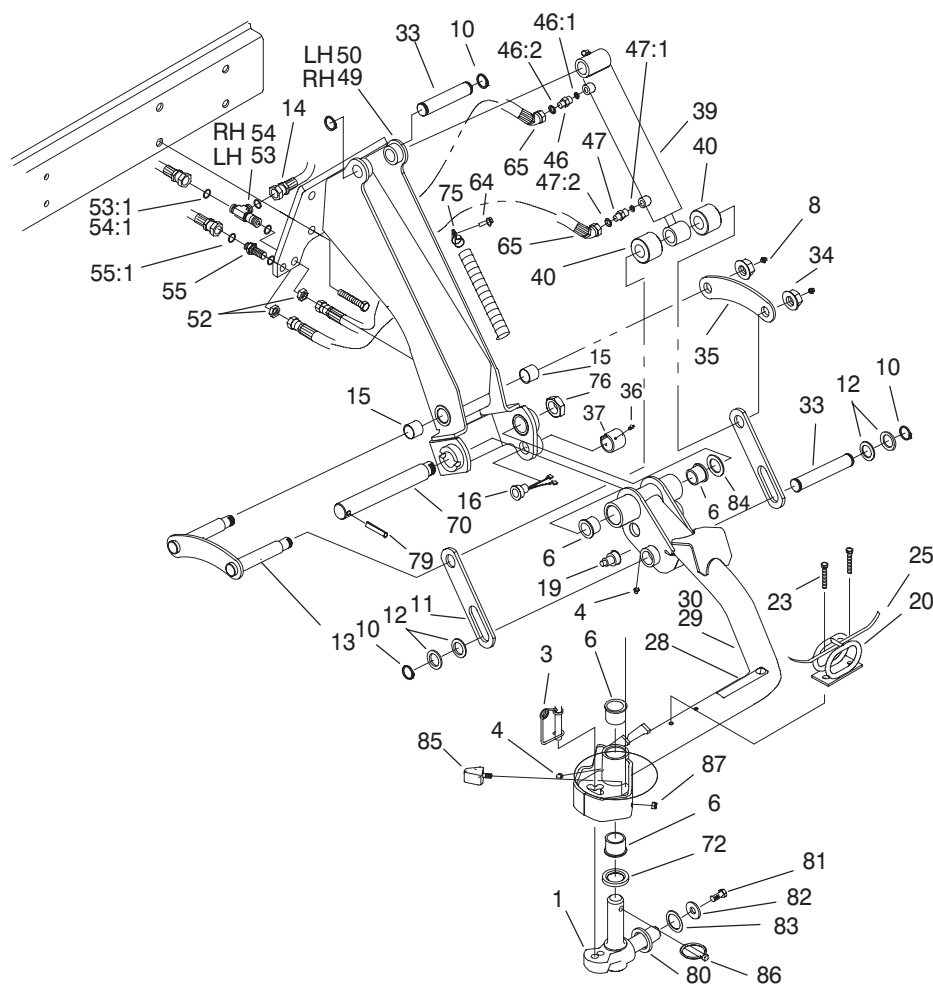


Sheet No.:23

End Weight Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7156	2	Sensor – Speed
2	33103-020	2	Screw-HHF
3	237-30	2	O-Ring
4	93-9783	14	O-Ring
5	93-8717	5	Plug-Pipe
6	94-4347-03	5	Weight-End
7	93-3088	2	Sensor Clamp
8	93-3076	2	End Weight ASM
8:1	253-165	1	Oil Seal
8:2	3256-23	1	Washer-Flat
8:3	33024-00	1	Nut-Lock, NI
8:4	93-2956	1	Bearing – Ball
8:5	93-3080-03	1	Housing, End Cap
8:6	93-3085	1	Magnet Shaft ASM
8:7	93-3094	1	Plug – Cap

Ref. No.	Part No.	Qty.	Description

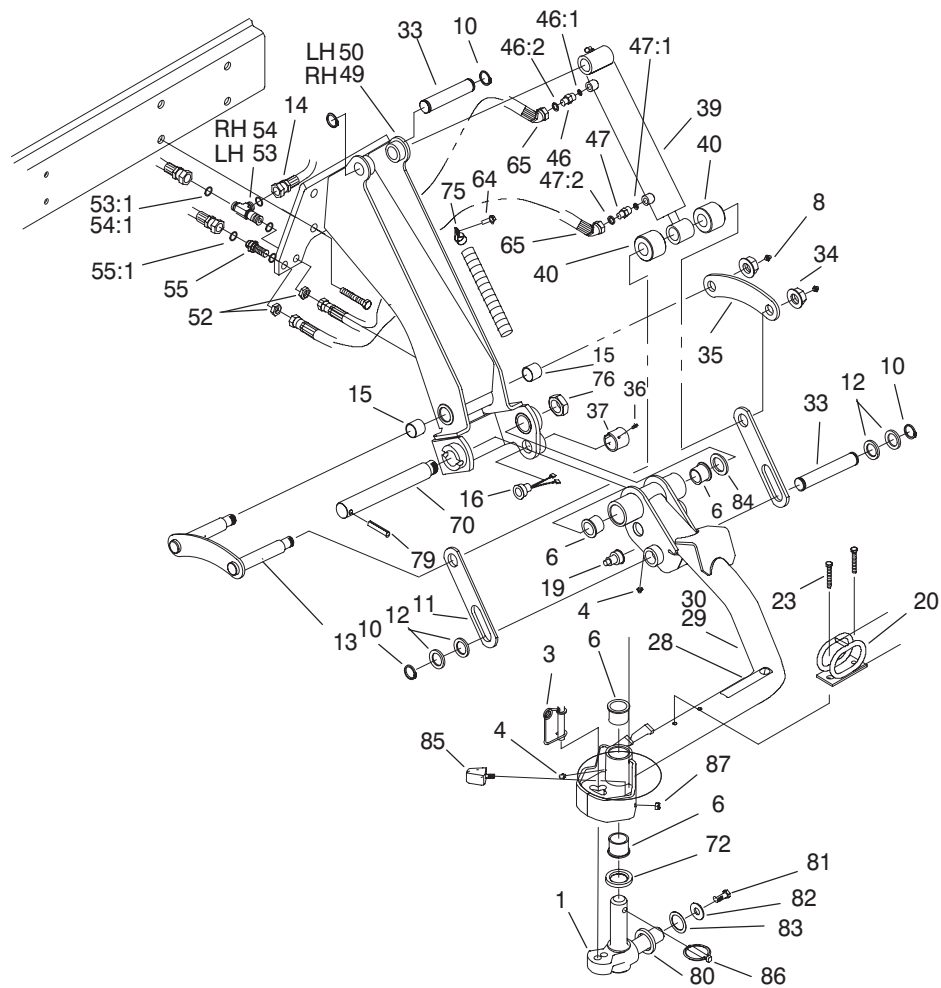


Sheet No.:24

Lift Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	98-1880	2	Knuckle-Pivot
3	99-5610	2	Pin
4	302-5	4	Fitting-Lube
6	94-8947	8	Bushing - Flange
8	302-2	4	Fitting-Grease
10	32151-36	8	Ring-Retaining
11	93-2704	4	Link-Left
12	10-8110	8	Washer-Thrust
13	98-8823	2	Link
14	92-7637	1	Hose ASM
15	67-1750	4	Bushing
16	92-8002	2	Plug-Reed Switch, Magnet
19	92-8754	2	Plug-Reed Switch, Magnet
20	99-5621	2	Guide-Hose
23	33114-020	4	Screw-HH
25	3334-945	2	Tie-Cable
28	93-6687	2	Decal-Step, No
29	99-2566	1	Arm-Lift
30	99-2567	1	Arm-Lift
33	93-2699	4	Pin
34	33029-00	2	Nut-Lock NI
35	98-8821	4	Link - Rear
36	32104-76	4	Screw-Slot, Acorn
37	75-6370	2	Cap - Sensor

Ref. No.	Part No.	Qty.	Description
39	93-2631	2	Cylinder Lift
40	93-2700	4	Roller – Plastic
46	340-92	2	Fitting
46:1	237-78	1	O-Ring
46:2	237-21	1	O-Ring
47	94-1449	2	Fitting
47:1	237-78	1	O-Ring
47:2	237-21	1	O-Ring
49	98-2427	1	Support Arm
50	98-2426	1	Support Arm
52	340-78	4	Bulkhead Locknut
53	340-75	1	Bulkhead Tee
53:1	237-21	3	O-Ring
54	94-1443	1	Elbow – Union
			Bulkhead
54:1	237-21	2	O-Ring
55	94-1444	2	Union Bulkhead
55:1	237-21	2	O-Ring
64	32144-11	6	Screw-TAP
65	92-7643	4	Hydraulic Hose ASM
70	98-8826	2	Pin-Pivot
72	94-8946	2	Washer
75	2412-93	6	R-Clamp
76	3296-49	2	Nut-Lock NI



Sheet No.:24

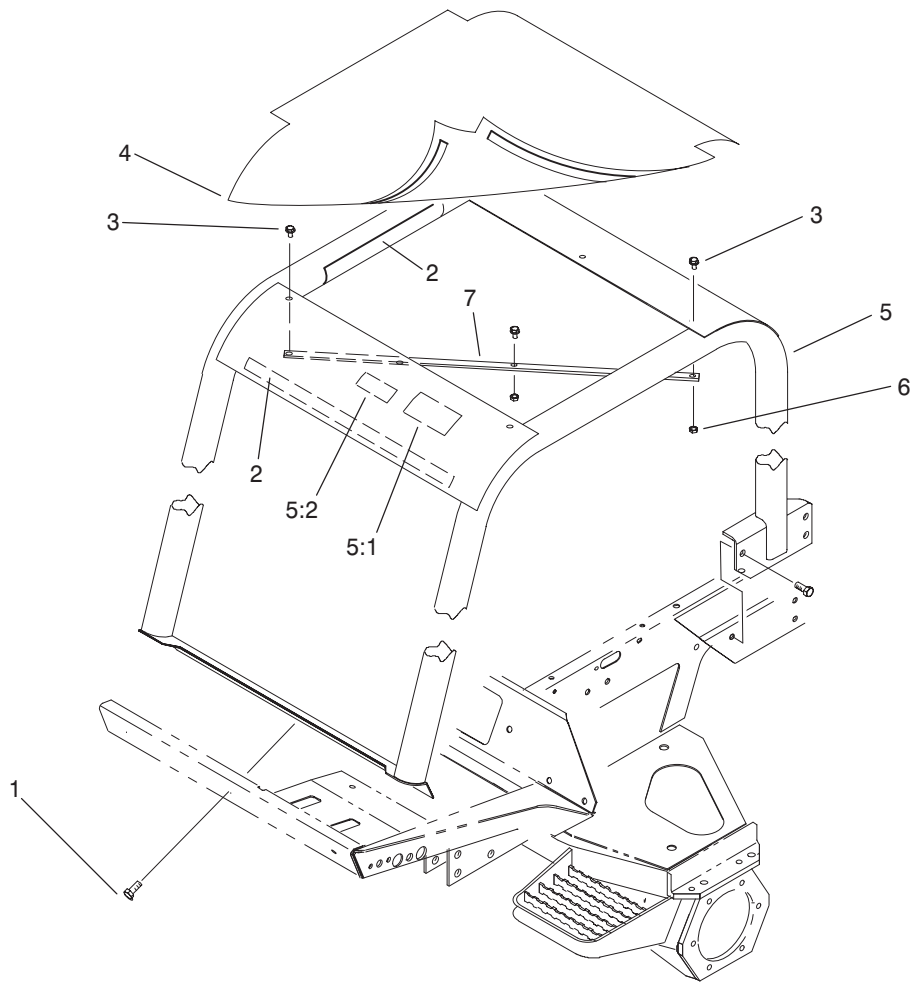
Lift Arm Assembly

Ref. No.	Part No.	Qty.	Description
79	32121-110	2	Pin-Roll, Slotted
80	98-7974	2	Washer – Thrust
81	98-7993	2	Screw-HHF
82	3256-6	2	Washer-Flat
83	3-6781	2	Washer-Thrust
84	76-2980	2	Washer-Thrust
85	99-5605	4	Bumper ASM
86	283-71	2	Pin-Lynch
87	3296-29	4	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description

Hydraulic Lift Cylinder Assembly No. 93-2631

Ref. No.	Part No.	Qty.	Description



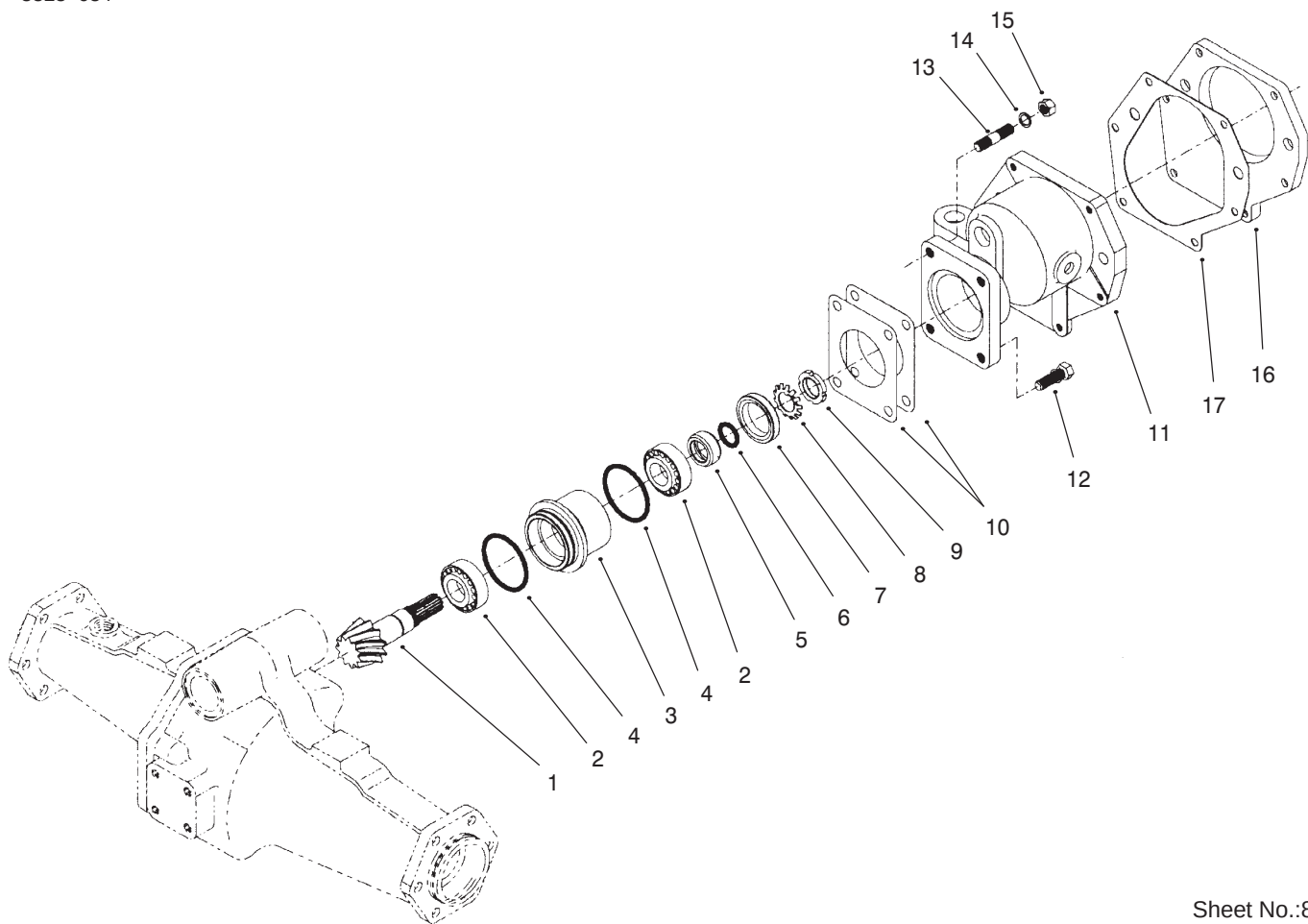
Sheet No.:25

T-2092-1

Roll Over Protection System (ROPS)

Ref. No.	Part No.	Qty.	Description
1	33106-035	3	Screw-HHF
2	93-9157	4	Velcro
3	33104-030	5	Screw-HHF
4	93-9160	1	Cover-ROPS
5	94-2643	1	Frame ASM
5:1	83-7430	1	Decal-Danger
*	93-8050	1	Decal-Danger (Europe)
*	84-4300	1	Decal-Danger (Japan)
5:2	92-7540	1	Decal
*	93-8073	1	Decal (Europe)
6	33024-00	5	Nut-Lock
7	93-9159	2	Strap-Cover

Ref. No.	Part No.	Qty.	Description



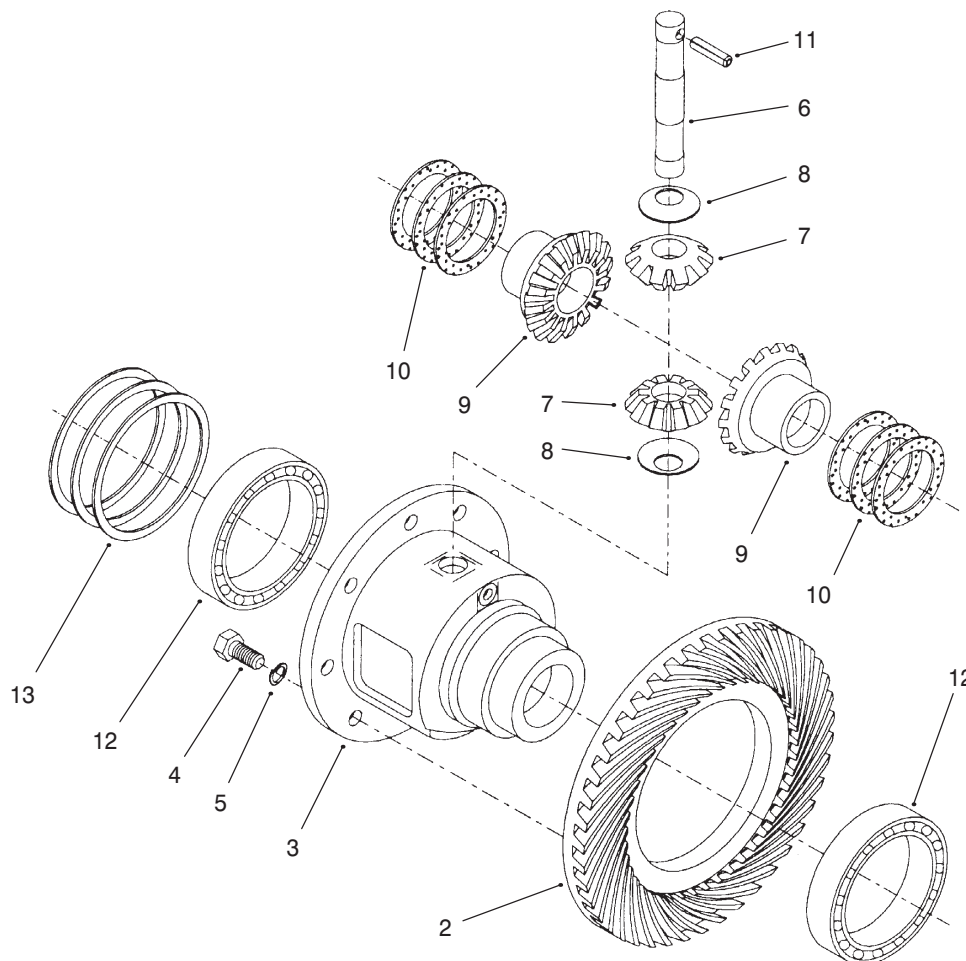
Sheet No.:83
T-3202-1

Rear Axle Assembly No. 100-3784

Bevel Pinion Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2555	1	Ring And Pinion Matched Set
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	Cover Plate
17	95-7540	1	Gasket

Ref. No.	Part No.	Qty.	Description



Sheet No.:84

T-3203-1

Rear Axle Assembly No. 100-3784 (Continued) Differential Assembly

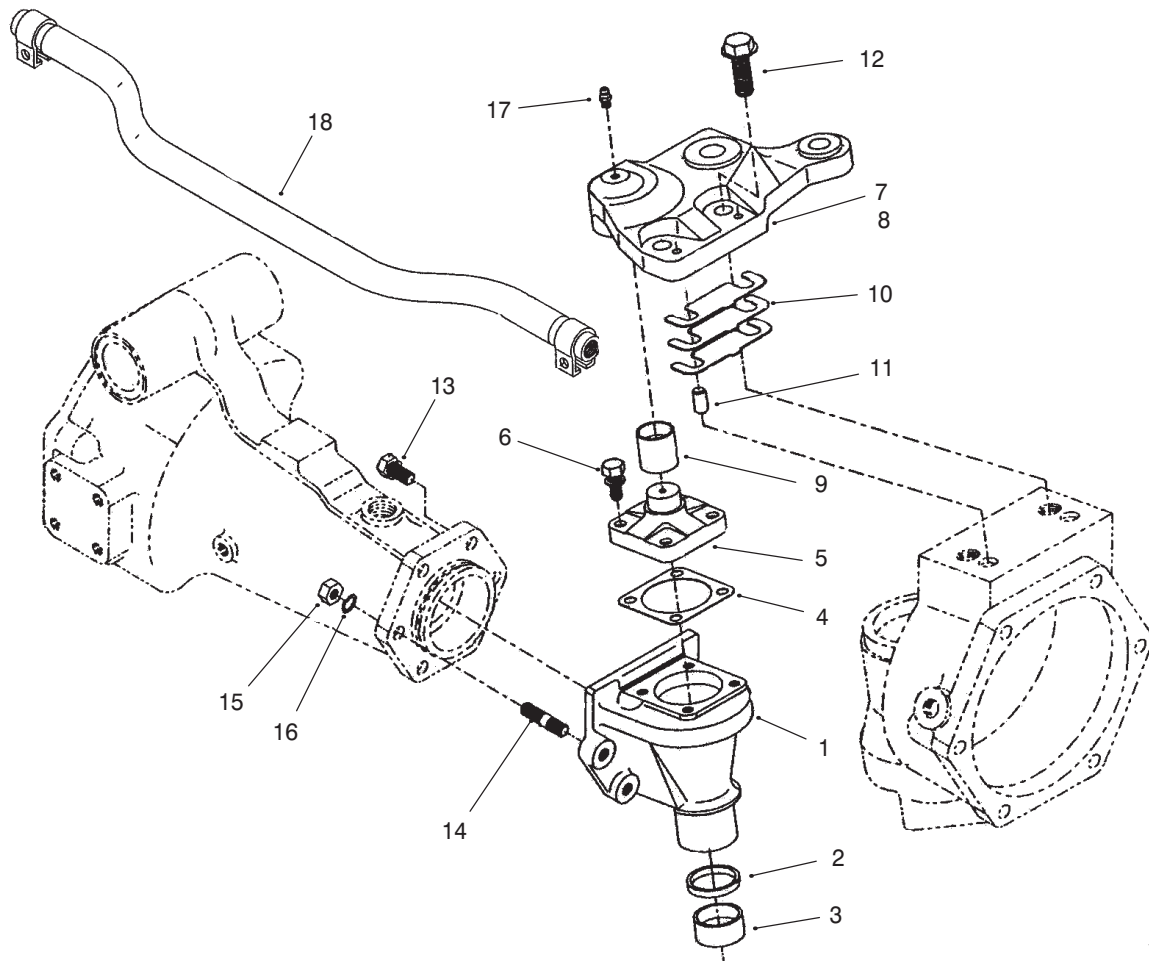
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	95-7503	1	Differential ASM				
2	100-2555	1	Ring And Pinion Matched Set				
3	95-7502	1	Case-Differential				
4	99-7576	8	Bolt				
5	99-7577	8	Washer-Spring				
6	99-7578	1	Shaft-Diff. Pinion				
7	99-7579	2	Pinion-Differential				
8	99-7580	2	Washer-Diff. Pinion				
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				

Rear Axle Assembly No. 100-3784 (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

Ref. No.	Part No.	Qty.	Description



Sheet No.:86

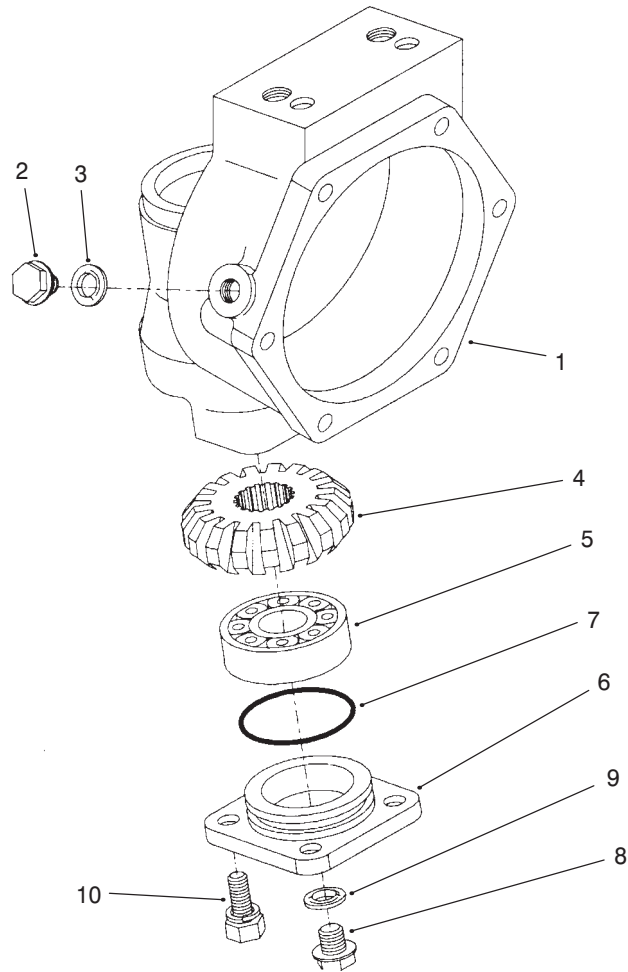
T-3503

Rear Axle Assembly No. 100-3784 (Continued) Bevel Gear Case Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	95-7539	2	Case-Bevel Gear				
2	100-2557	2	Seal, Oil				
3	100-2558	2	Bushing				
4	95-7511	2	Gasket				
5	95-7510	2	Pin-Knuckle				
6	99-7596	8	Bolt				
7	100-3768	1	Steering Arm-LH				
8	100-3766	1	Steering Arm-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	99-7598	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				
18	100-3762	1	Tie Rod ASM				

7 Sheet No.:87
T-3206-1

Ref. No.	Part No.	Qty.	Description



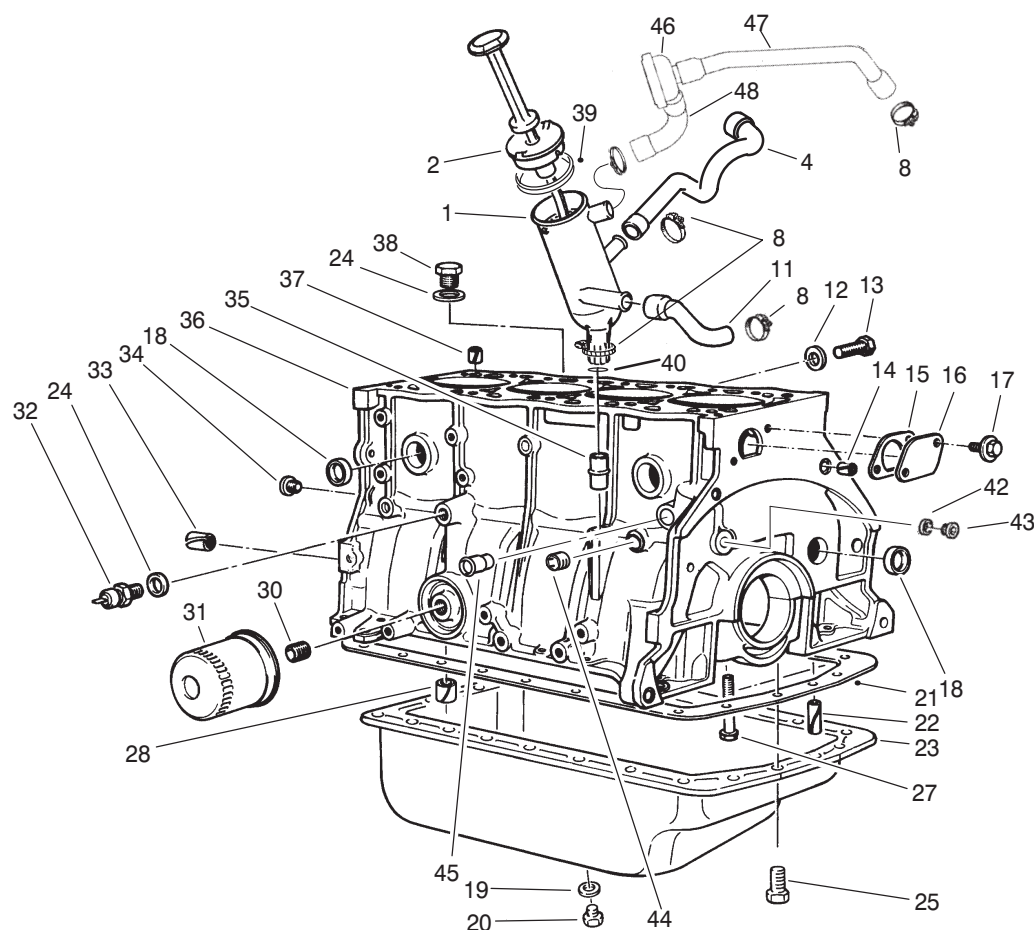
Sheet No.:88
T-3207-1

Rear Axle Assembly No. 100-3784 (Continued) **Axle Case Assembly**

Ref. No.	Part No.	Qty.	Description	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				

Rear Axle Assembly No. 100–3784 (Continued)

Ref. No.	Part No.	Qty.	Description



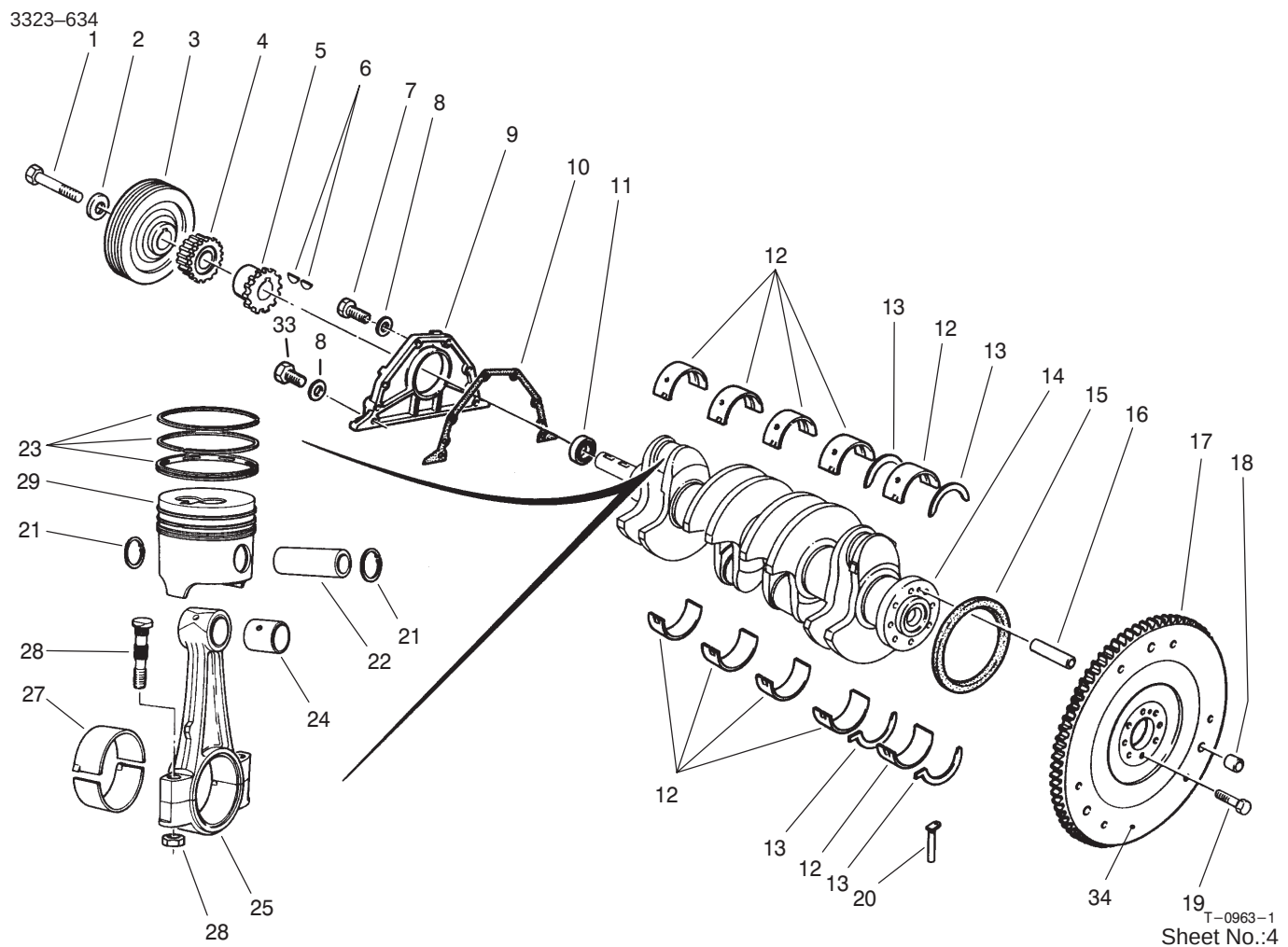
Sheet No.:3

T-2142-1

Crankcase Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	94-3181	1	Oil Filler	31	74-7970	1	Oil Filter
2	94-3182	1	Plug	32	94-3180	1	Pressure Switch
4	94-3184	1	Hose-Crankcase	33	74-7990	4	Spring Pin
8	2412-129	8	Clamp-Hose	34	74-8000	2	Plug
11	74-7770	1	Hose - Crank Case	35	74-8010	1	Tube
12	74-7780	1	Gasket	36	94-3100	1	Cylinder Block
13	74-7790	1	Screw	37	74-8030	1	Spring Pin
14	74-7800	2	Spring Pin	38	74-8040	1	Plug
15	74-7810	1	Gasket-Plate	39	94-3183	1	Gasket
16	74-7820	1	Plate	40	94-3186	1	O-Ring
17	94-3112	2	Screw	42	94-3106	2	Gasket
18	74-7840	8	Plug	43	94-3104	2	Plug-Threaded
18	94-3108	8	Plug-27.5mm	44	94-3103	1	Plug-Threaded
18	94-3109	9	Plug-28.5mm	45	94-3110	1	Stud
19	74-7320	1	Gasket-Oil Drain Plug	46	74-5760	1	Valve Pvc F/W
20	74-7310	1	Oil Drain Plug	47	94-3192	1	Hose-Manifold
21	74-7380	1	Oil Sump Gasket	48	94-3191	1	Hose-Pcv Valve
22	94-3111	2	Pin	*52	94-3101	1	Gasket Set
23	74-7300	1	Oil Sump Assy	*53	77-3600	1	Shield-Adapter
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				

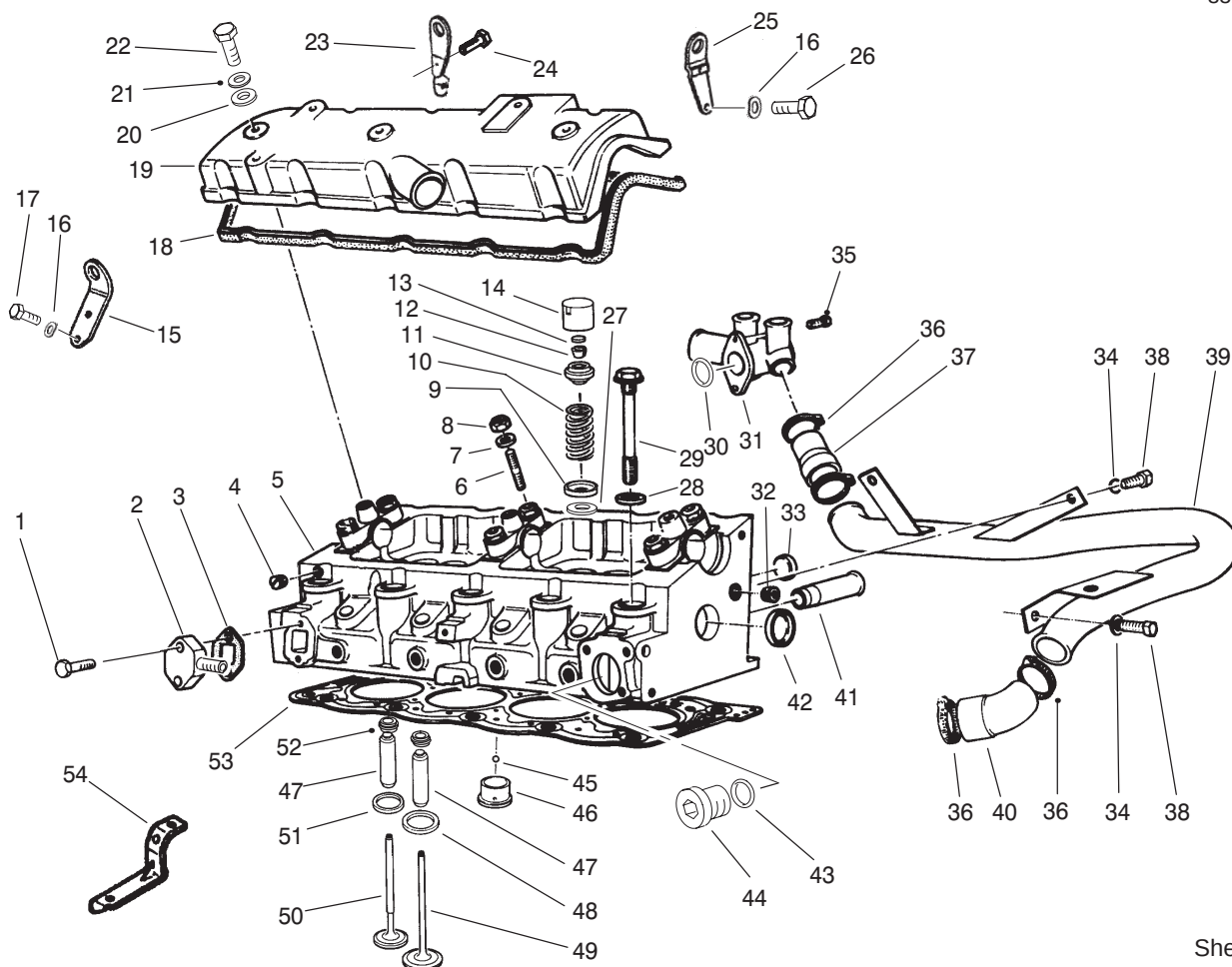
* Not illustrated



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

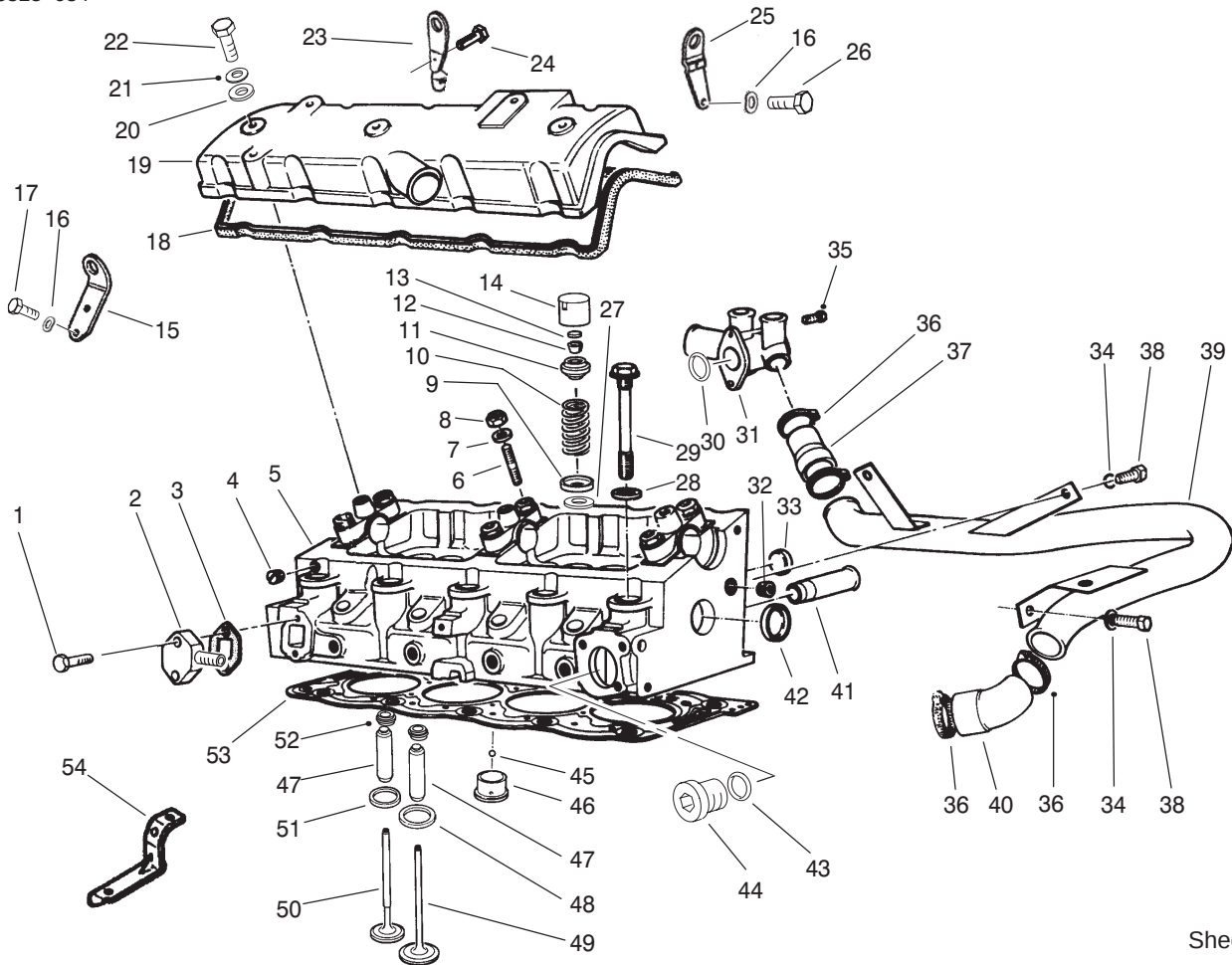


Sheet No.:5

T-3504

Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	94-3123	2	Capscrew	13	74-6640	8	Insert -Valve (2.125mm)
2	94-3117	1	Plate	13	74-6650	8	Insert -Valve (2.225mm)
3	94-3116	1	Gasket	13	74-6660	8	Insert -Valve (2.250mm)
4	74-7600	4	Plug	13	74-6670	8	Insert -Valve (2.275mm)
5	94-3113	1	Cylinder Head	13	74-6680	8	Insert -Valve (2.300mm)
5	94-9965	1	Cylinder Head ASM	13	74-6690	8	Insert -Valve (2.325mm)
6	76-5130	6	Stud	13	74-6700	8	Insert -Valve (2.350mm)
7	74-8900	6	Washer - Flat	13	74-6710	8	Insert -Valve (2.375mm)
8	94-3115	6	Nut	13	74-6720	8	Insert -Valve (2.400mm)
9	74-6570	8	Cup-Lower Valve Spring	13	74-6730	8	Insert -Valve (2.425mm)
10	74-6560	8	Valve Spring	13	74-6740	8	Insert -Valve (2.450mm)
11	74-6550	8	Cup	13	74-6750	8	Insert -Valve (2.475mm)
12	74-7240	16	Split Collar	13	74-6760	8	Insert -Valve (2.500mm)
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)				



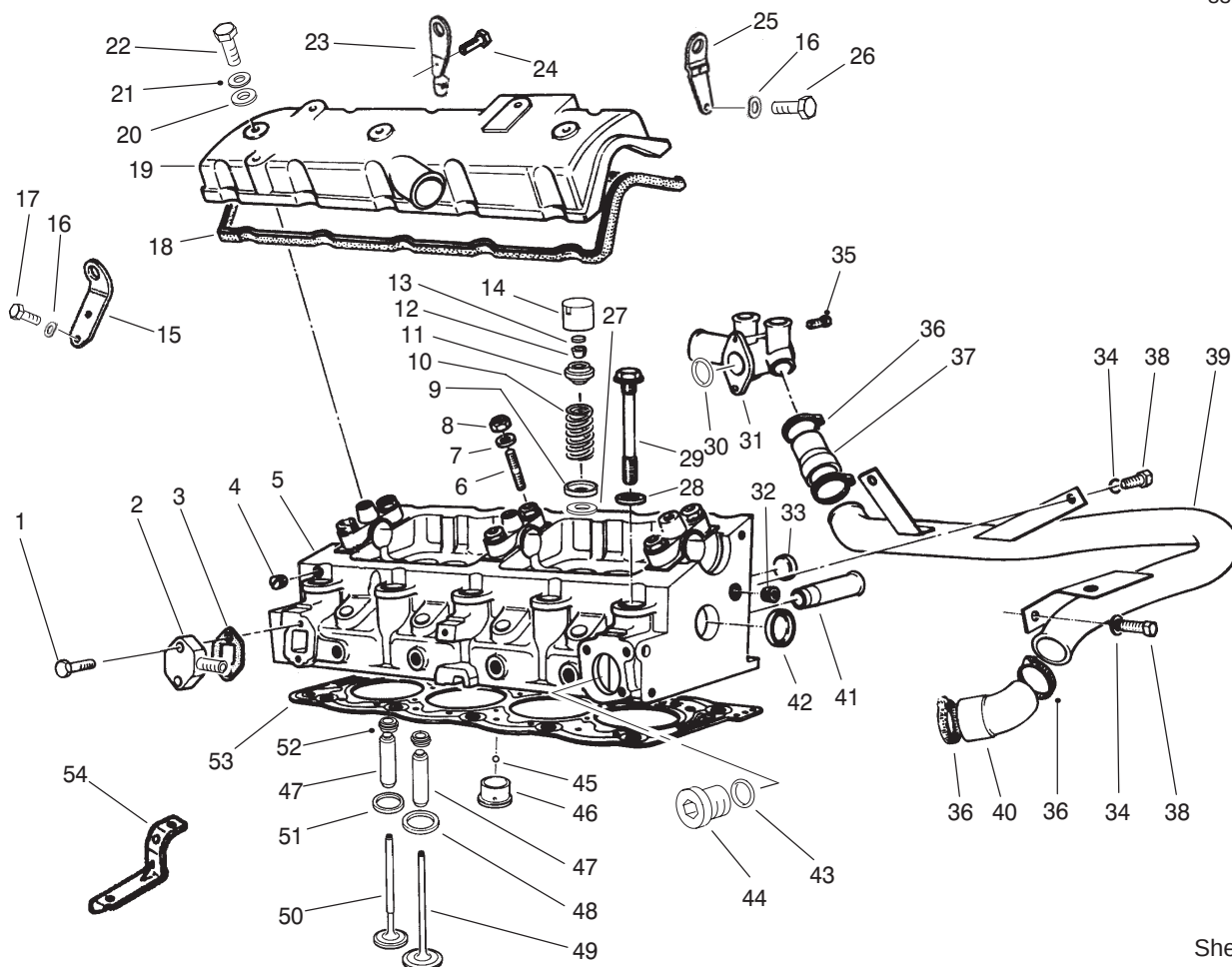
Sheet No.:5

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)

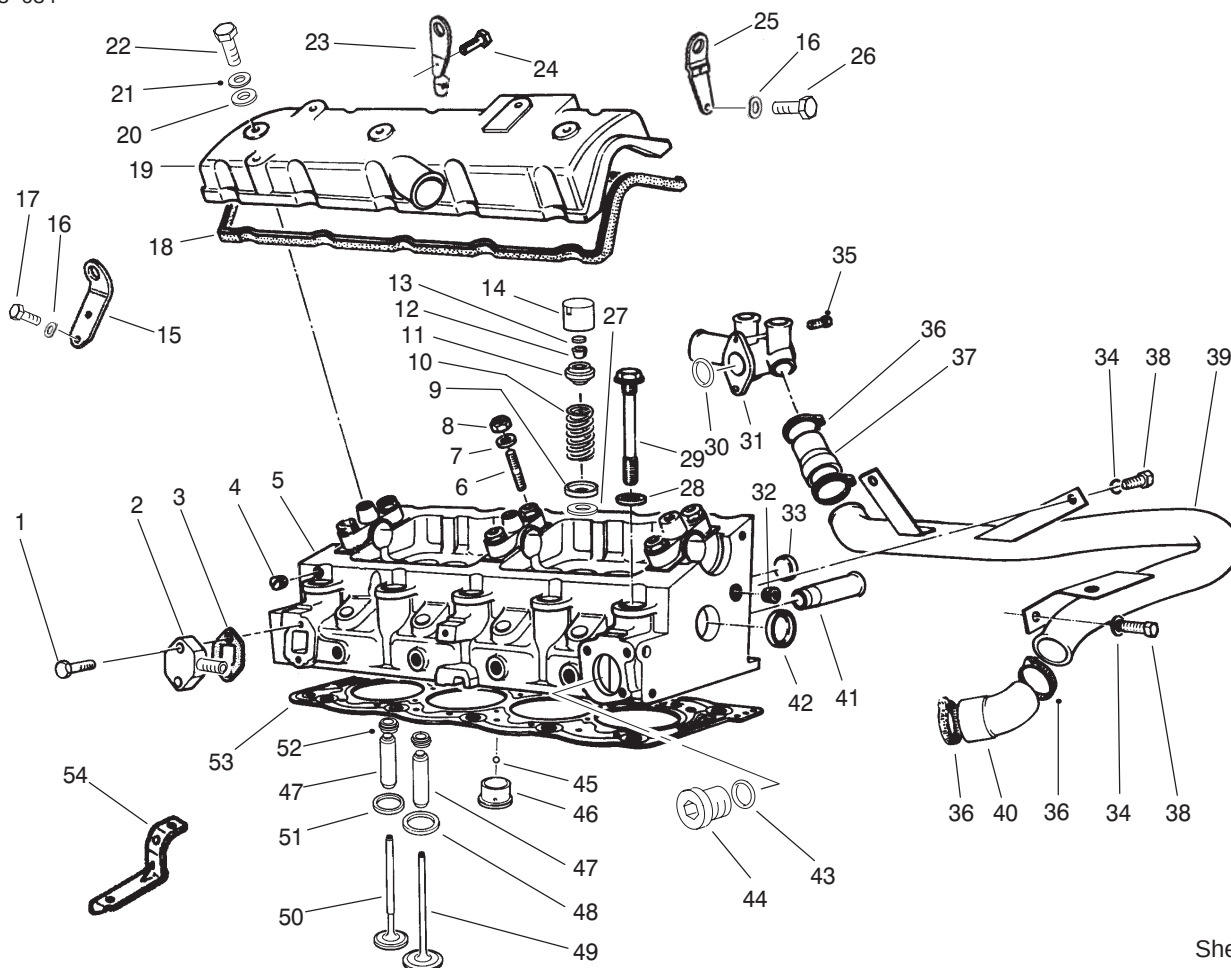


Sheet No.:5

T-3504

Cylinder Head Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
13	74-7030	8	Insert -Valve (3.175mm)	13	74-7160	8	Insert -Valve (3.500mm)
13	74-7040	8	Insert -Valve (3.200mm)	13	74-7170	8	Insert -Valve (3.550mm)
13	74-7050	8	Insert -Valve (3.225mm)	13	74-7180	8	Insert -Valve (3.625mm)
13	74-7060	8	Insert -Valve (3.250mm)	13	74-7190	8	Insert -Valve (3.700mm)
13	74-7070	8	Insert -Valve (3.275mm)	13	74-7200	8	Insert -Valve (3.775mm)
13	74-7080	8	Insert -Valve (3.300mm)	13	74-7210	8	Insert -Valve (3.850mm)
13	74-7090	8	Insert -Valve (3.325mm)	13	74-7220	8	Insert -Valve (3.925mm)
13	74-7100	8	Insert -Valve (3.350mm)	13	74-7230	8	Insert -Valve (4.000mm)
13	74-7110	8	Insert -Valve (3.375mm)	14	74-6540	8	Tappet - Valve
13	74-7120	8	Insert -Valve (3.400mm)	15	94-3155	1	Bearing Set-1st Repair
13	74-7130	8	Insert -Valve (3.425mm)	16	74-7560	3	Lockwasher
13	74-7140	8	Insert -Valve (3.450mm)	17	76-5470	2	Capscrew - Hex Head
13	74-7150	8	Insert -Valve (3.475mm)	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

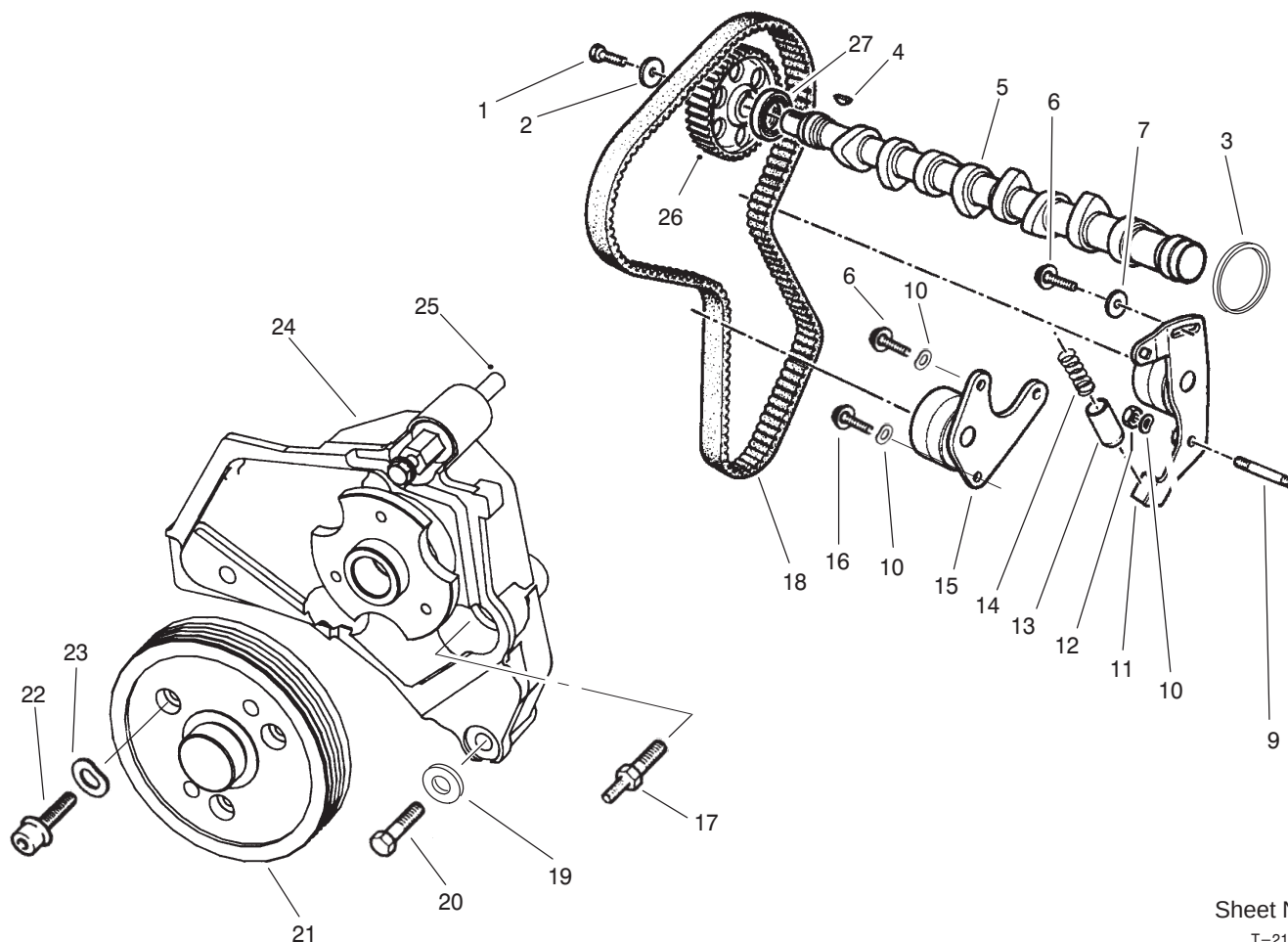
T-3504

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



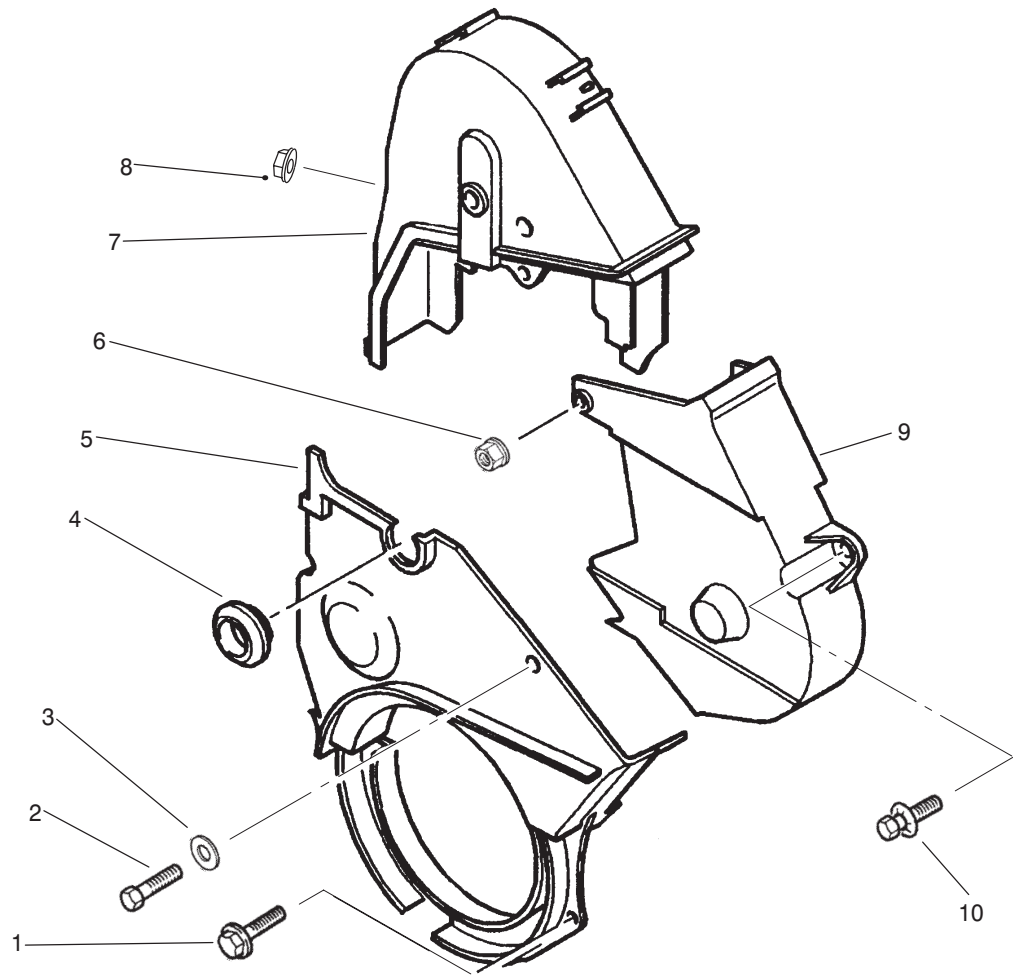
Sheet No.:6

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

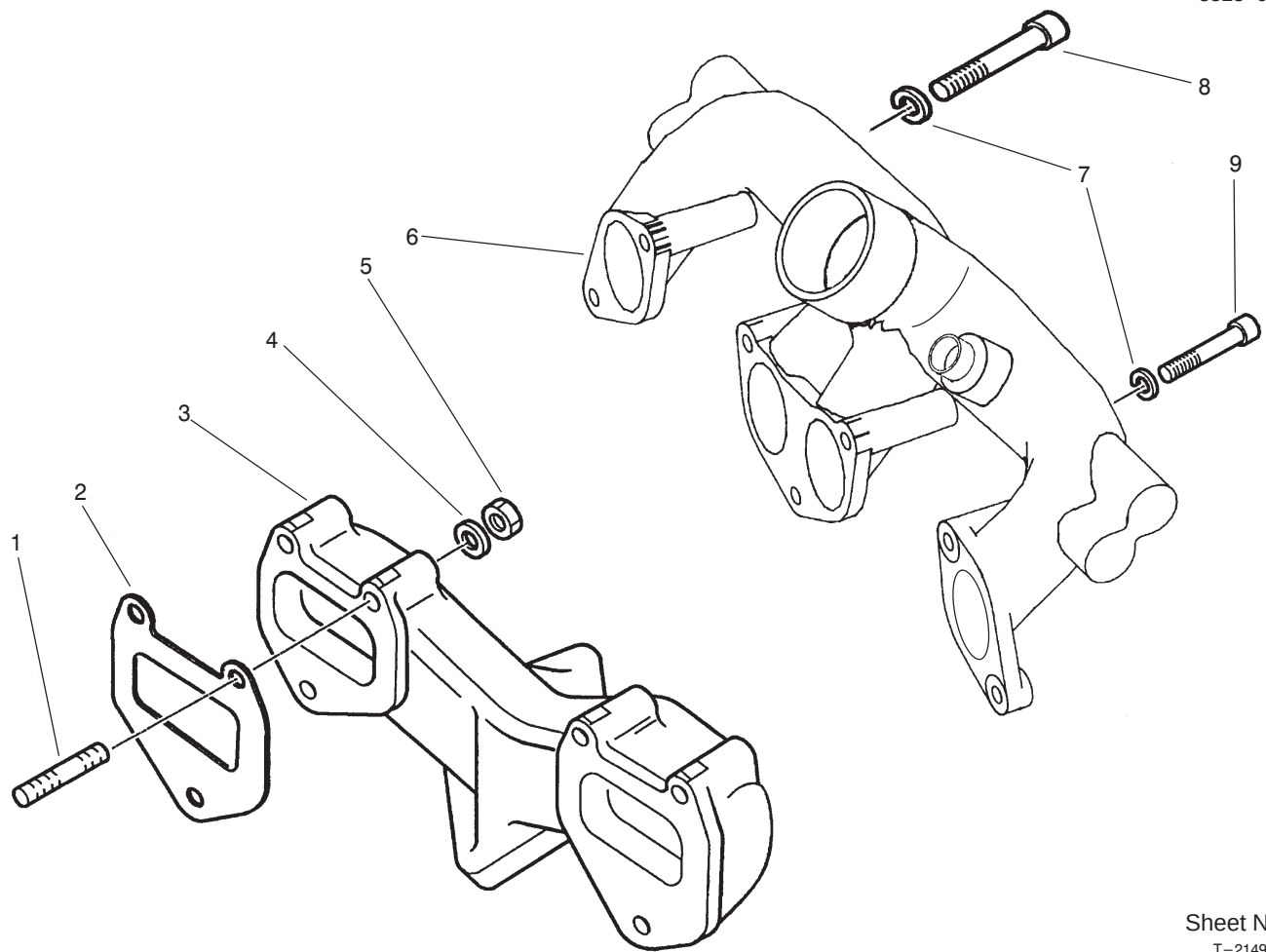


Sheet No.:7
T-2140-1

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



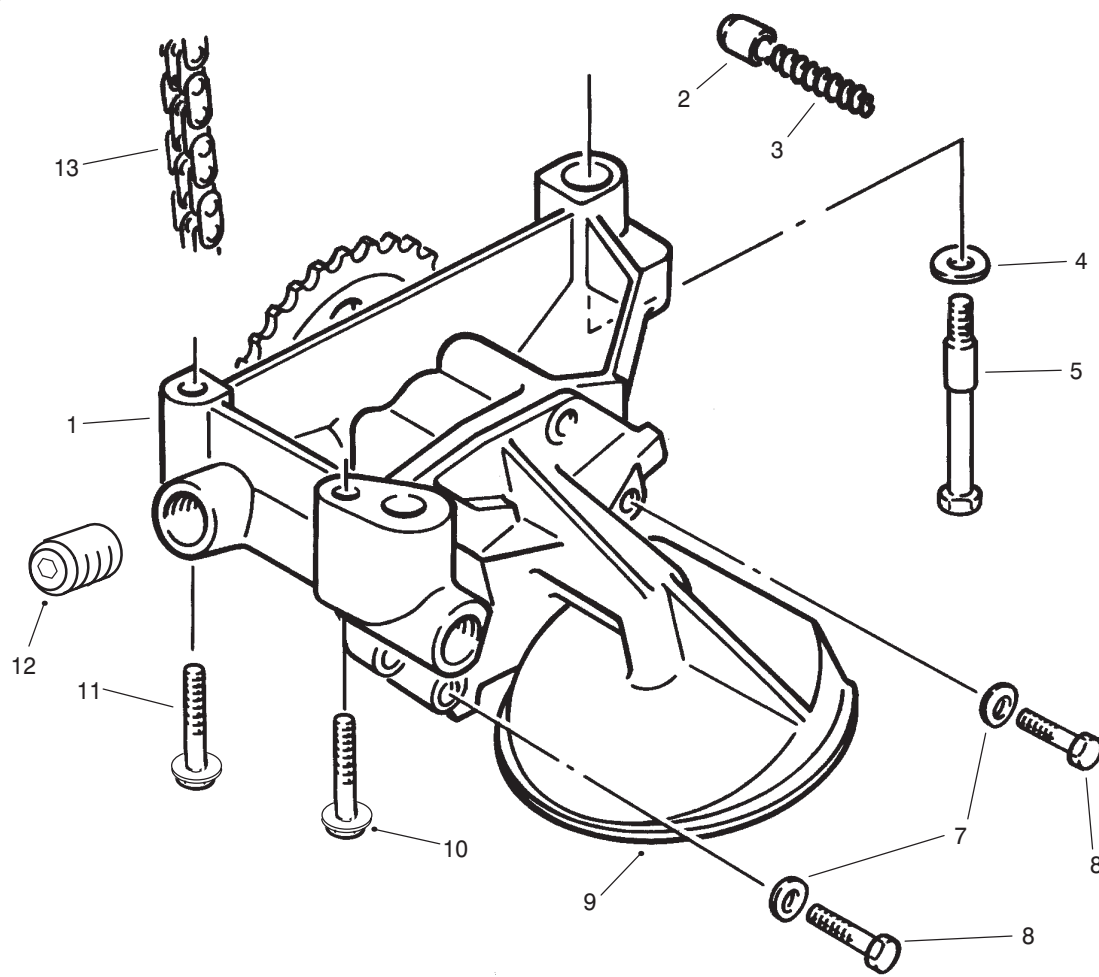
Sheet No.:8
T-2149-2

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

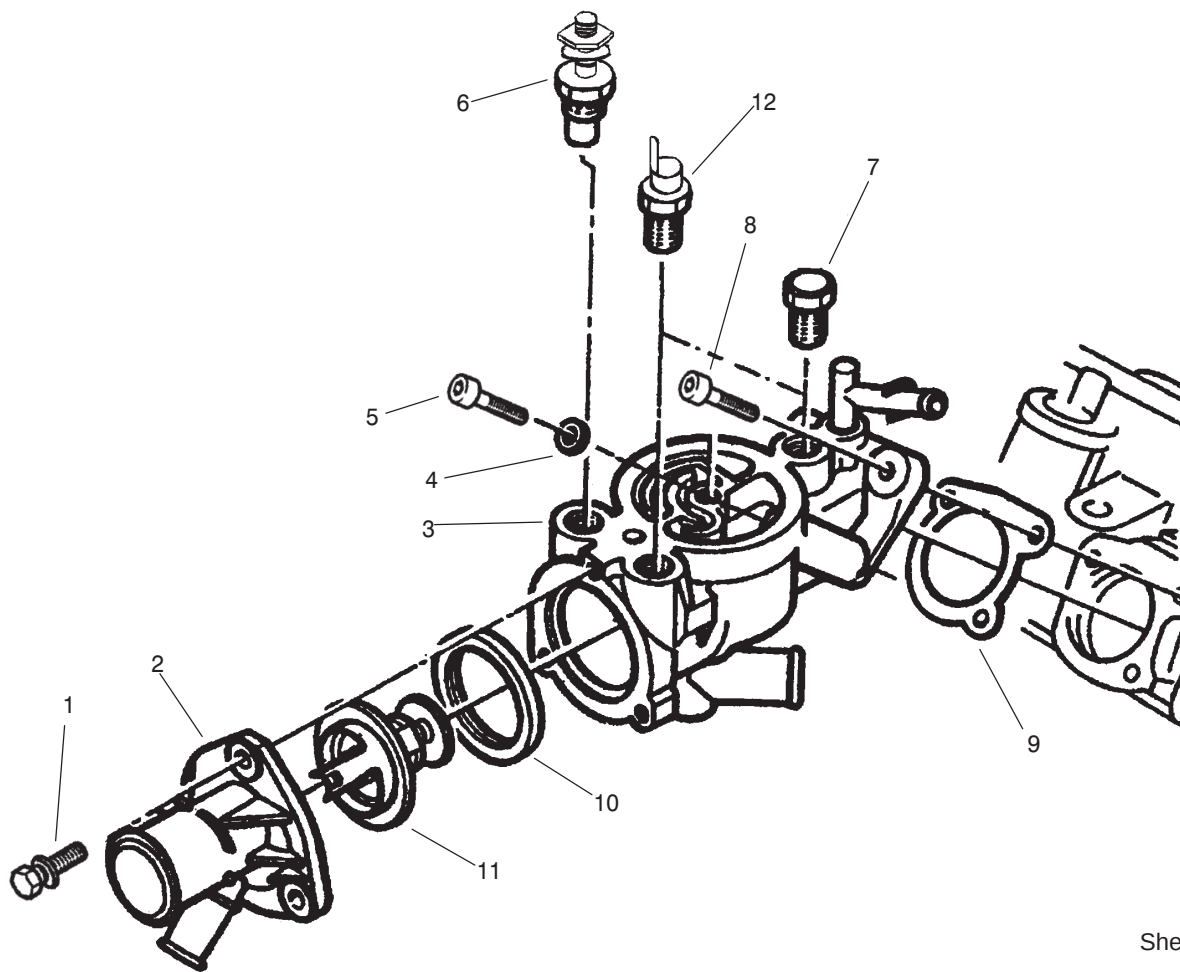


Sheet No.:9
T-0964-1

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

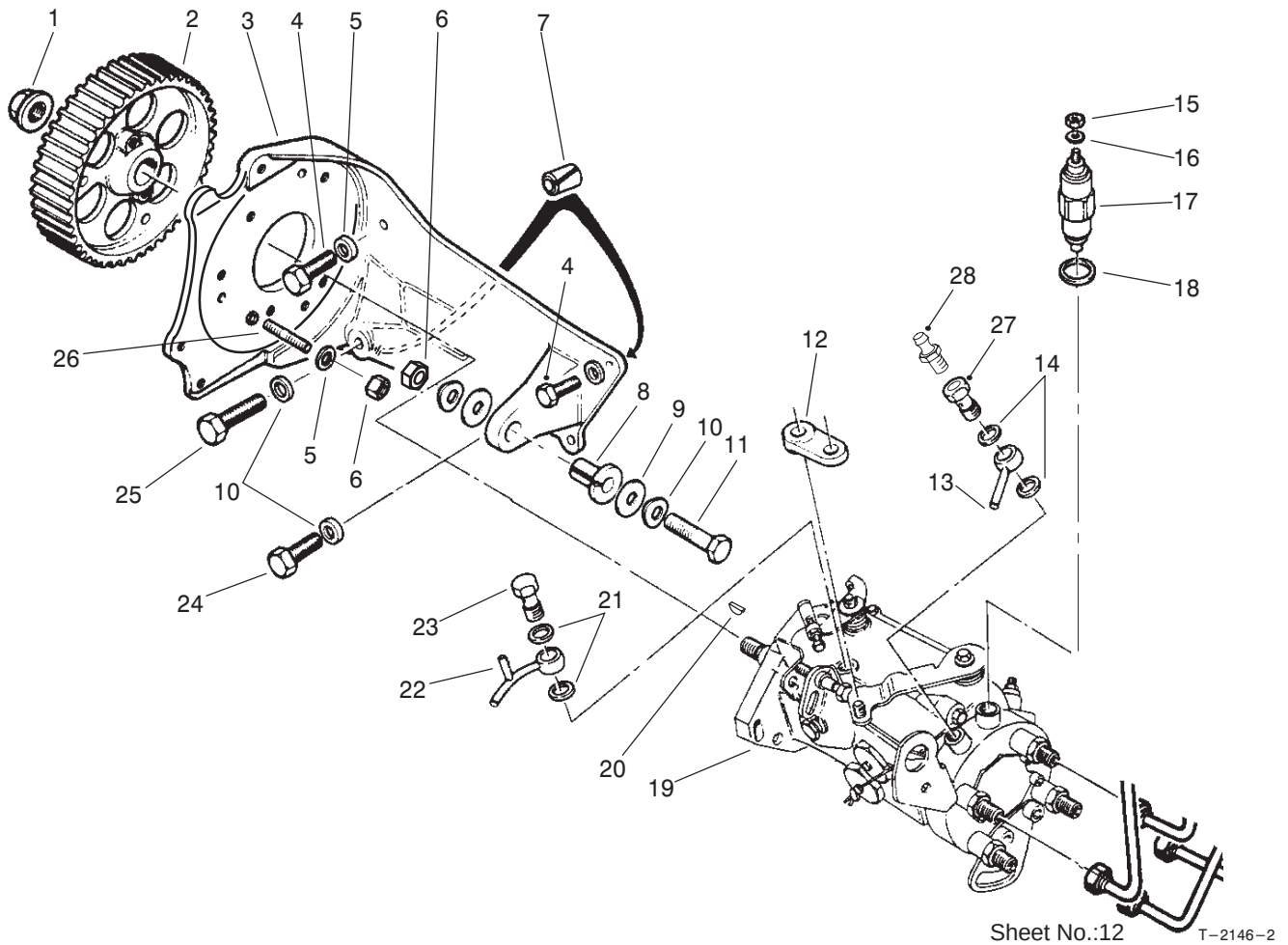


Sheet No.:10
T-2143-1

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

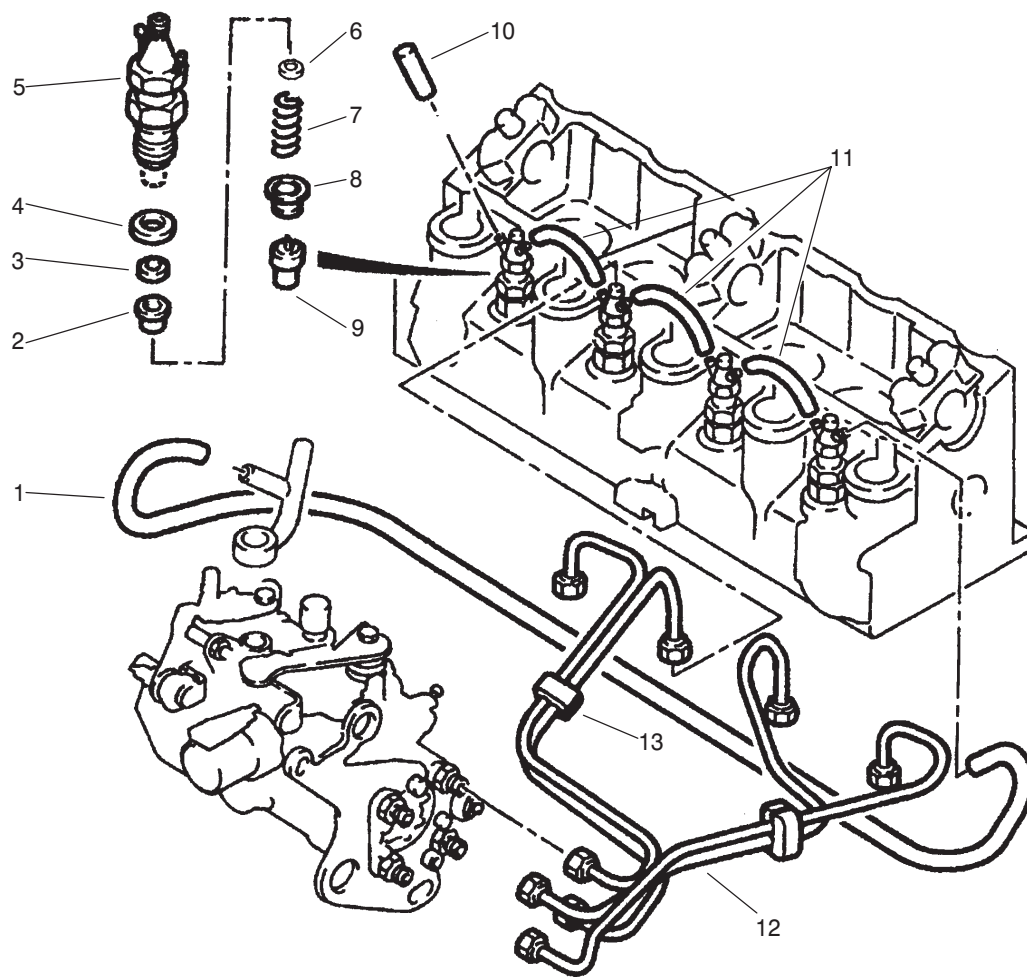
Ref. No.	Part No.	Qty.	Description



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

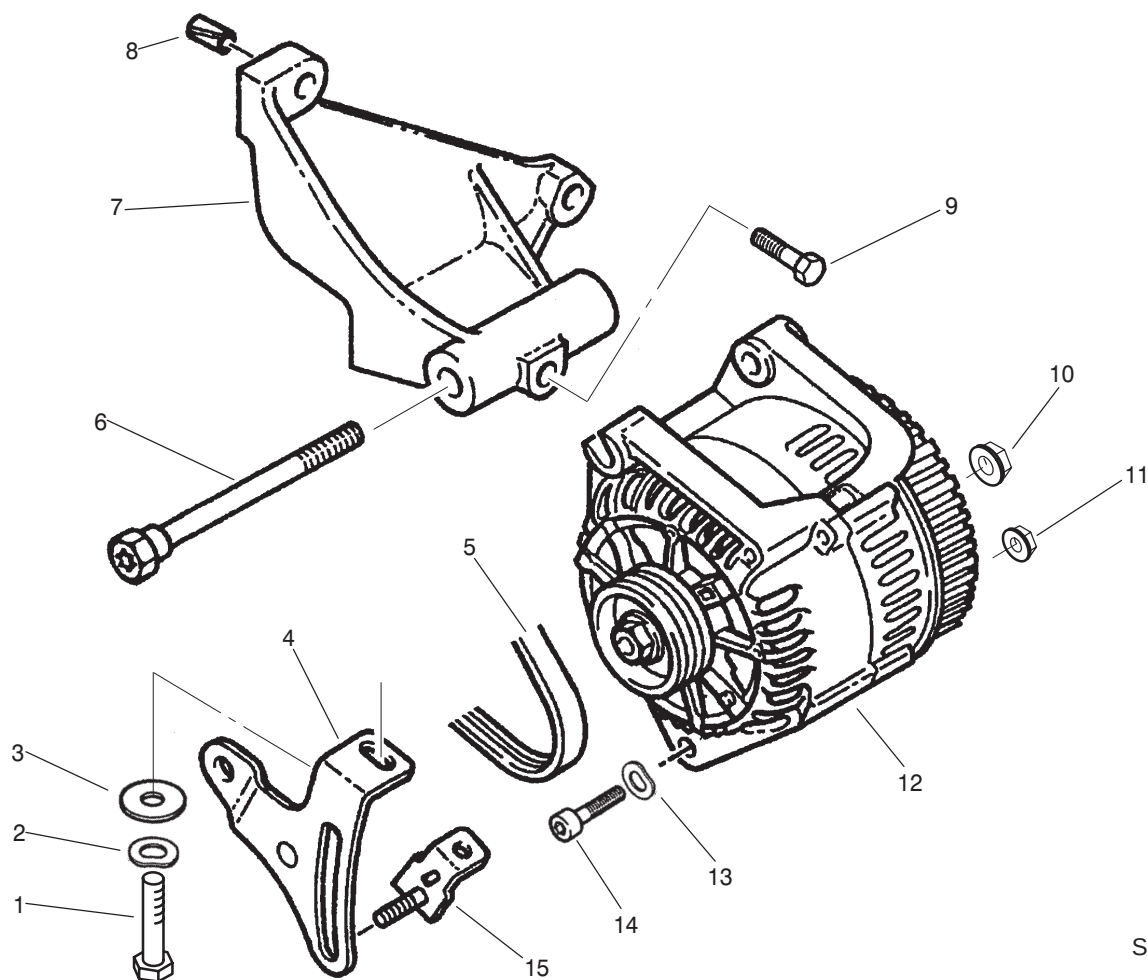
T-2145-1

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

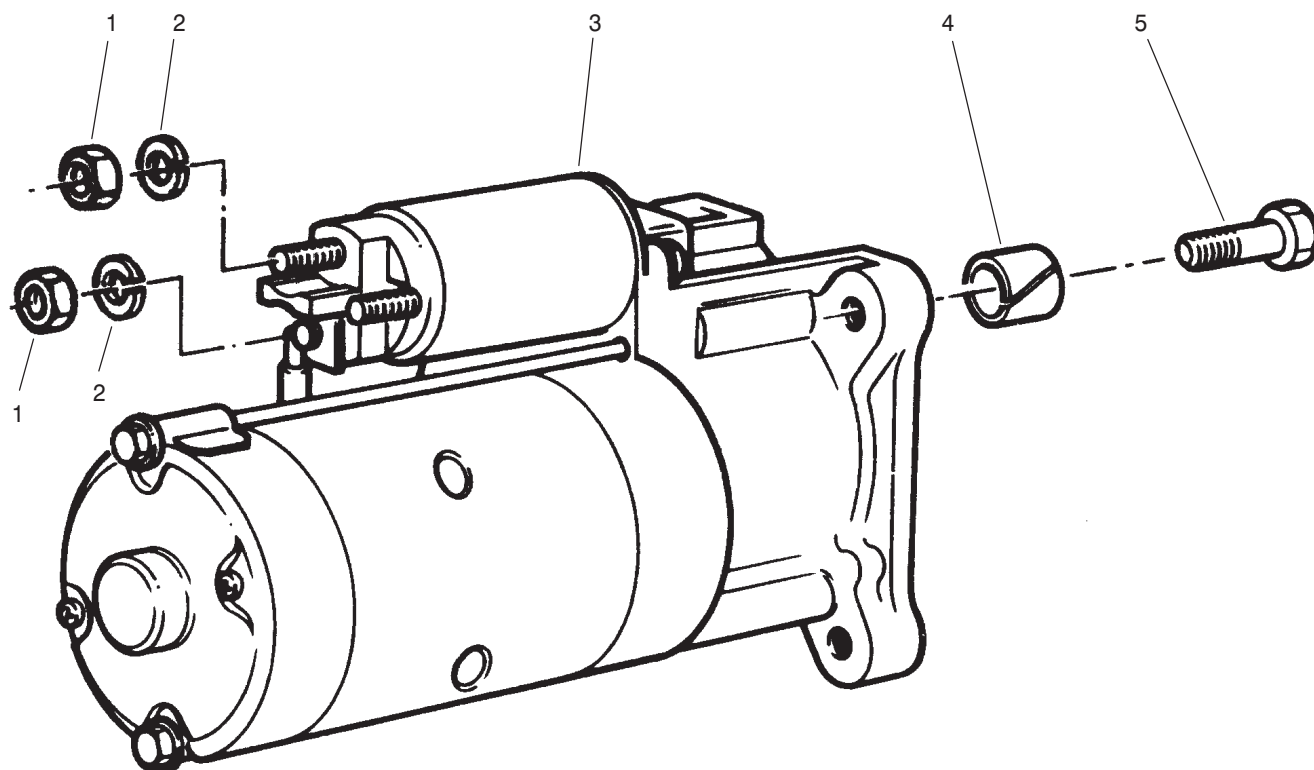


Sheet No.:14
T-2147-1

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

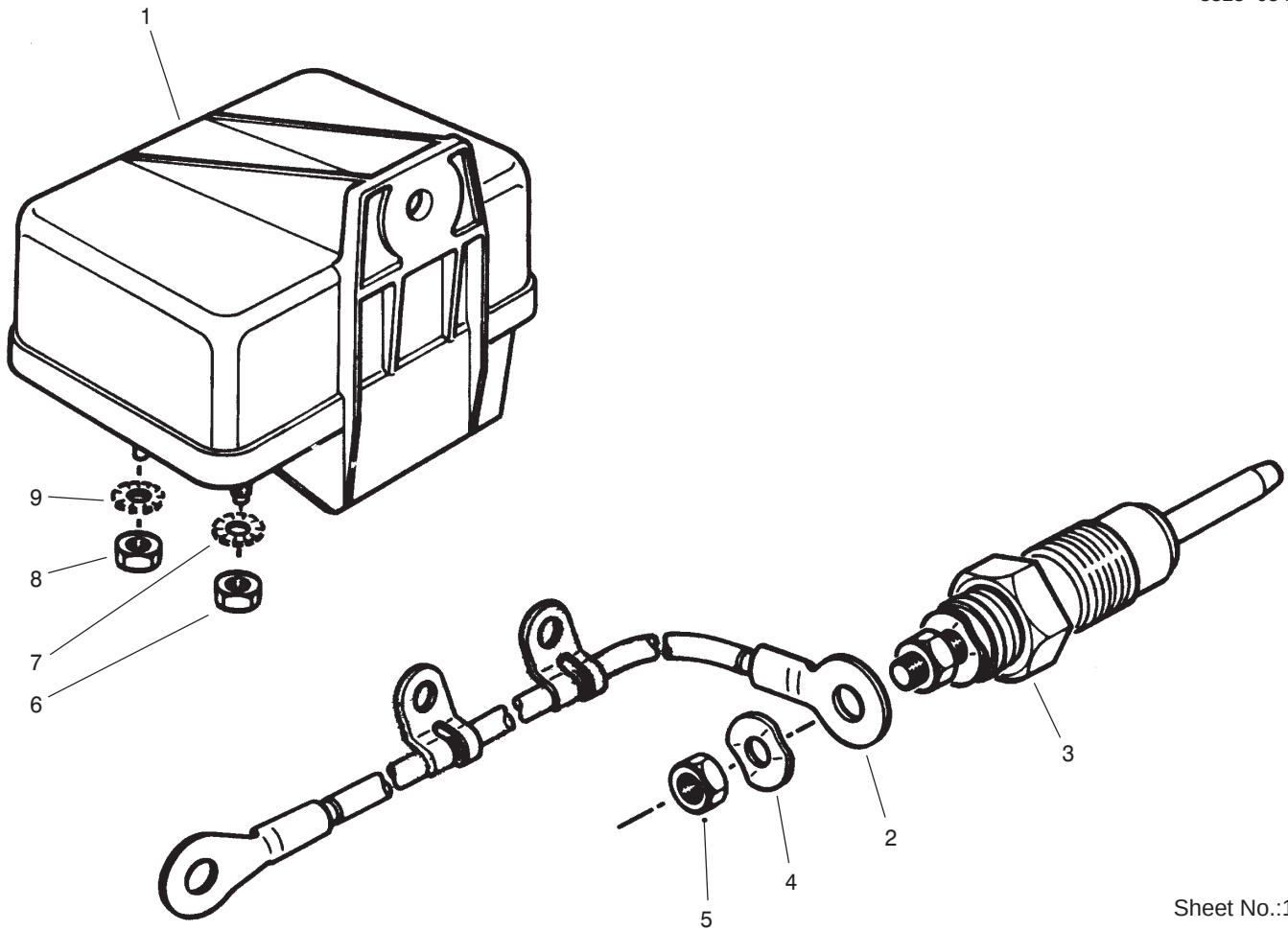


Sheet No.:15
T-0968-1

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



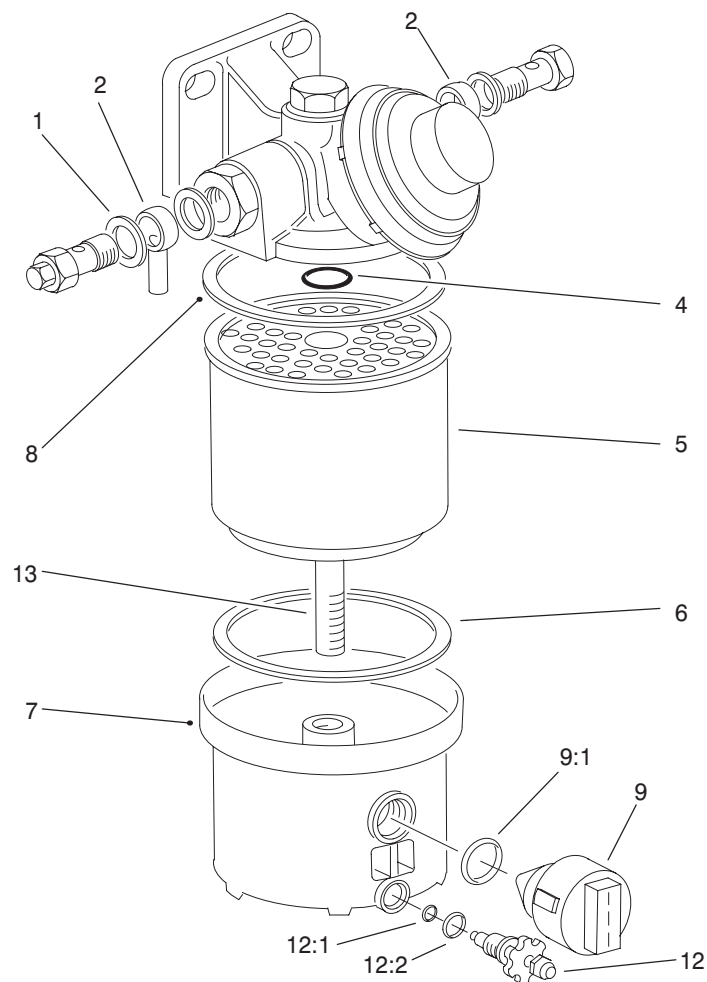
Sheet No.:16

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
partlist are not
serviced separately.**

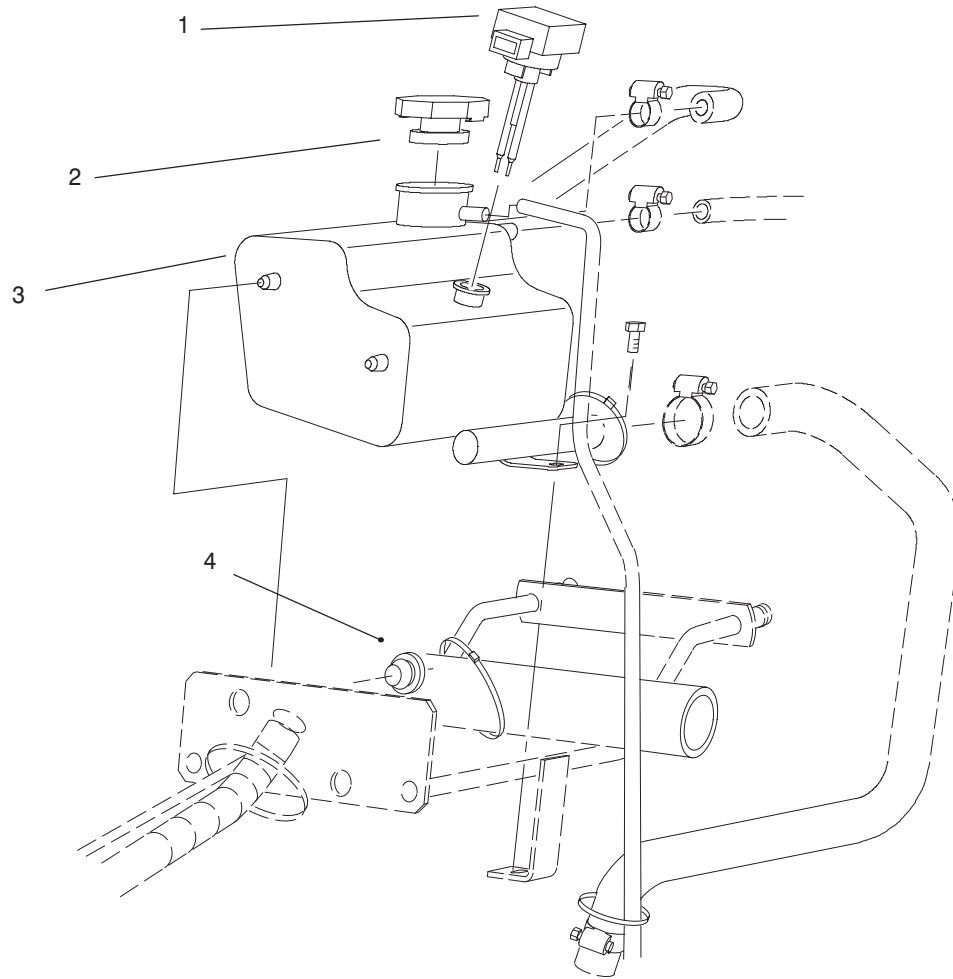
Sheet No.:17

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



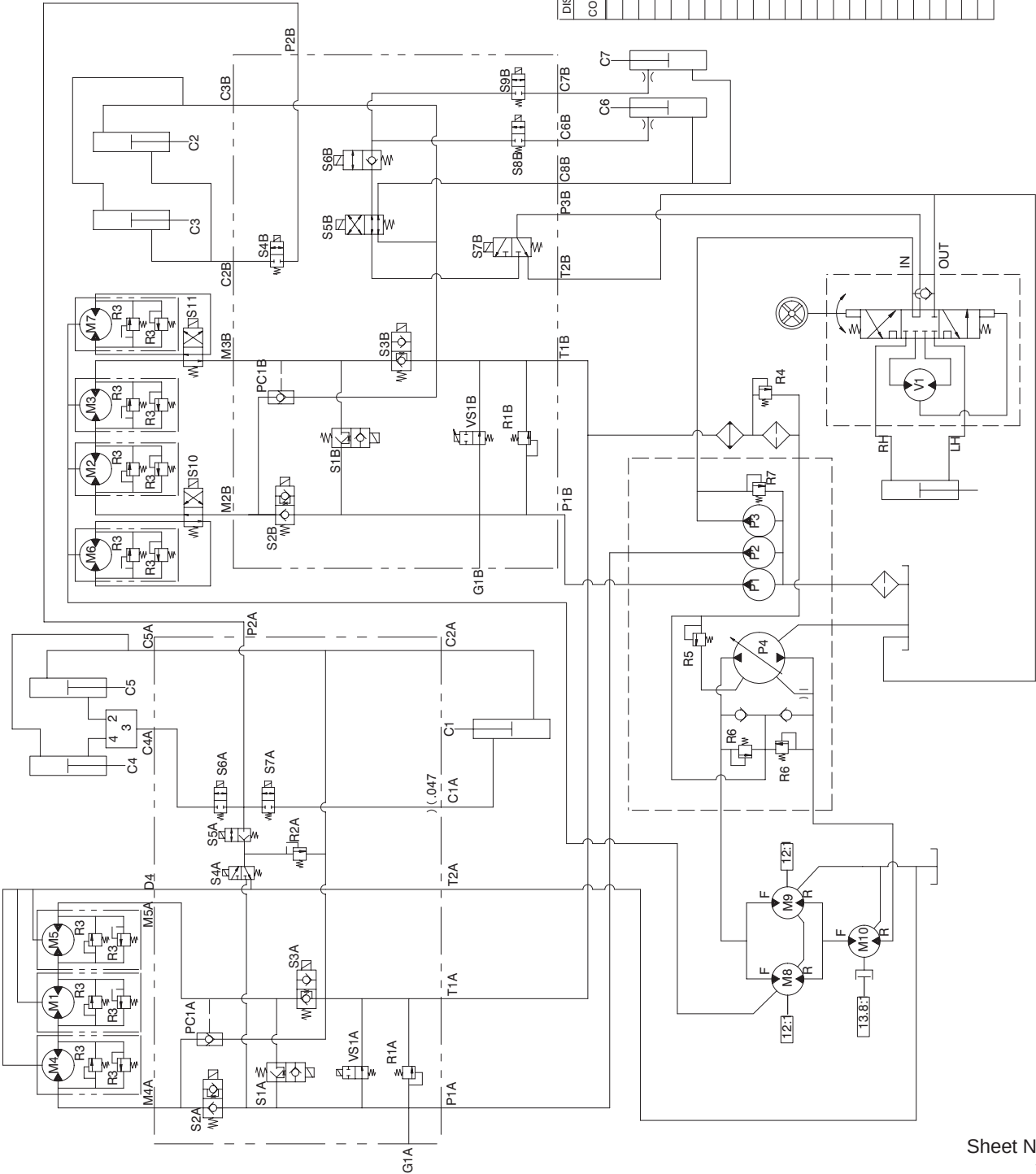
Sheet No.:18

T-3508

Degassing Box Assembly

[illegible]

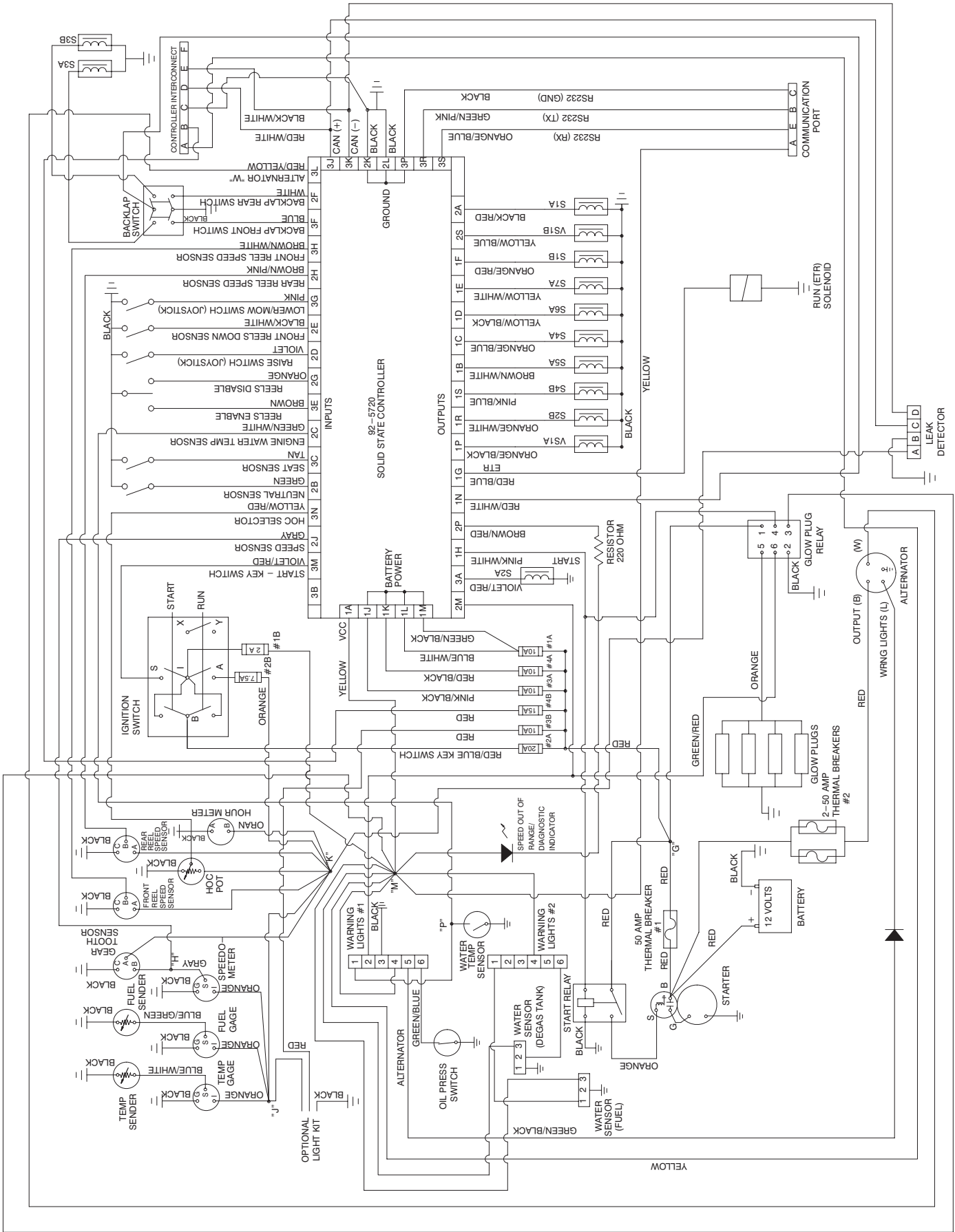
Hydraulic Schematic

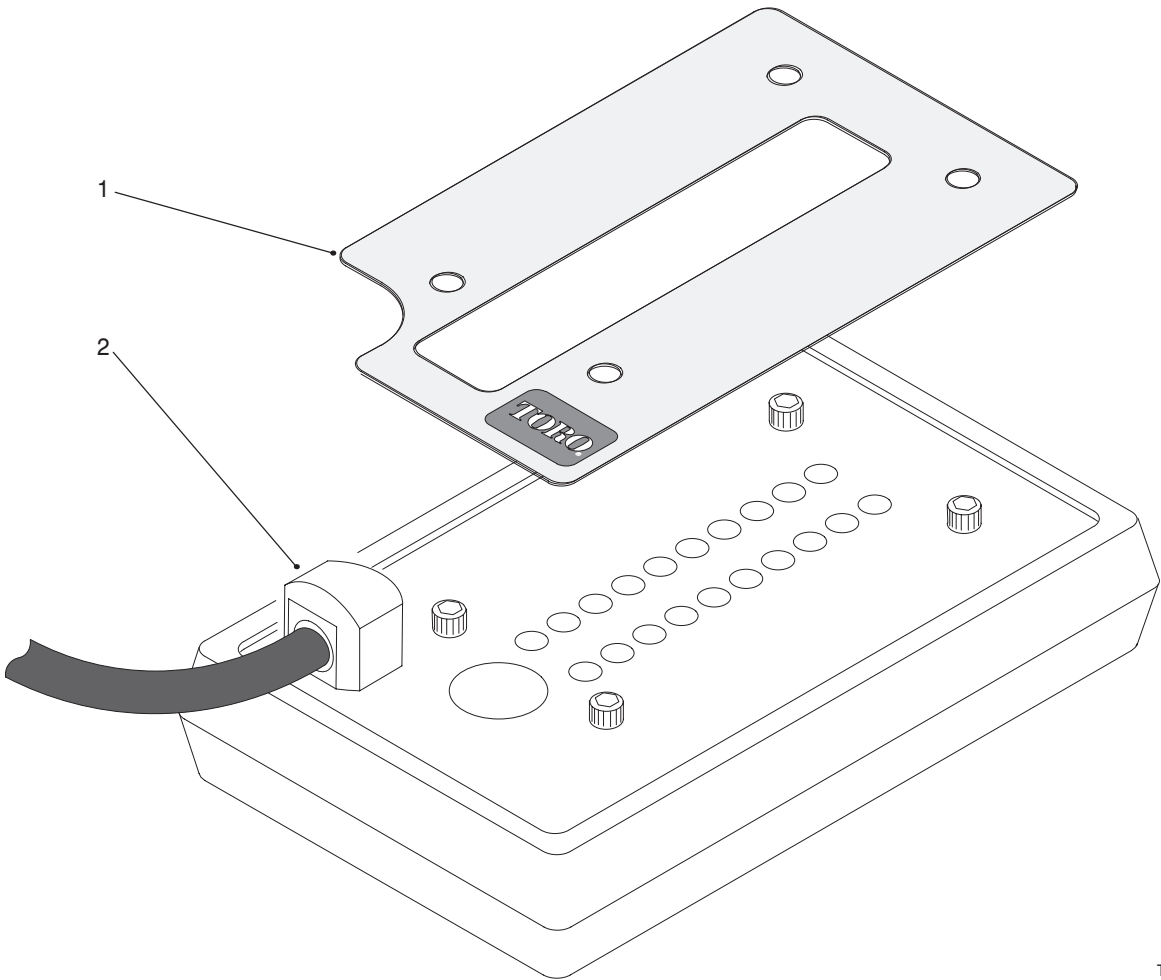


DISPLACEMENT, FLOW RATE, AND PRESSURE CHART						FLOW RATE *	
COMPONENT	DISPLACEMENT		PRESSURE		GPM	LPM	
	in ³ /rev	cm ³ /rev	lb/in ²	BARS			
P1	.58	9.5			6.8	25.6	
P2	.58	9.5			6.8	25.6	
P3	.31	5.1			3.6	13.7	
P4	2.48	40.6			28.9	109.5	
M1	1.16	19					
M2	1.16	19					
M3	1.16	19					
M4	1.16	19					
M5	1.16	19					
M6	1.16	19					
M7	1.16	19					
M8	2.01	32.9					
M9	2.01	32.9					
M10	2.48	40.6					
V1	.66	10.8					
R1A			3000	207			
R1B			3000	207			
R2A			2750	190			
R3			1500	103			
R4			50	3			
R5			180	12			
R6			4000	276			
R7			1250	86			

* FLOW RATE CALCULATED AT 2750 RPM AND 98% EFFICIENCY.

Electrical Schematic



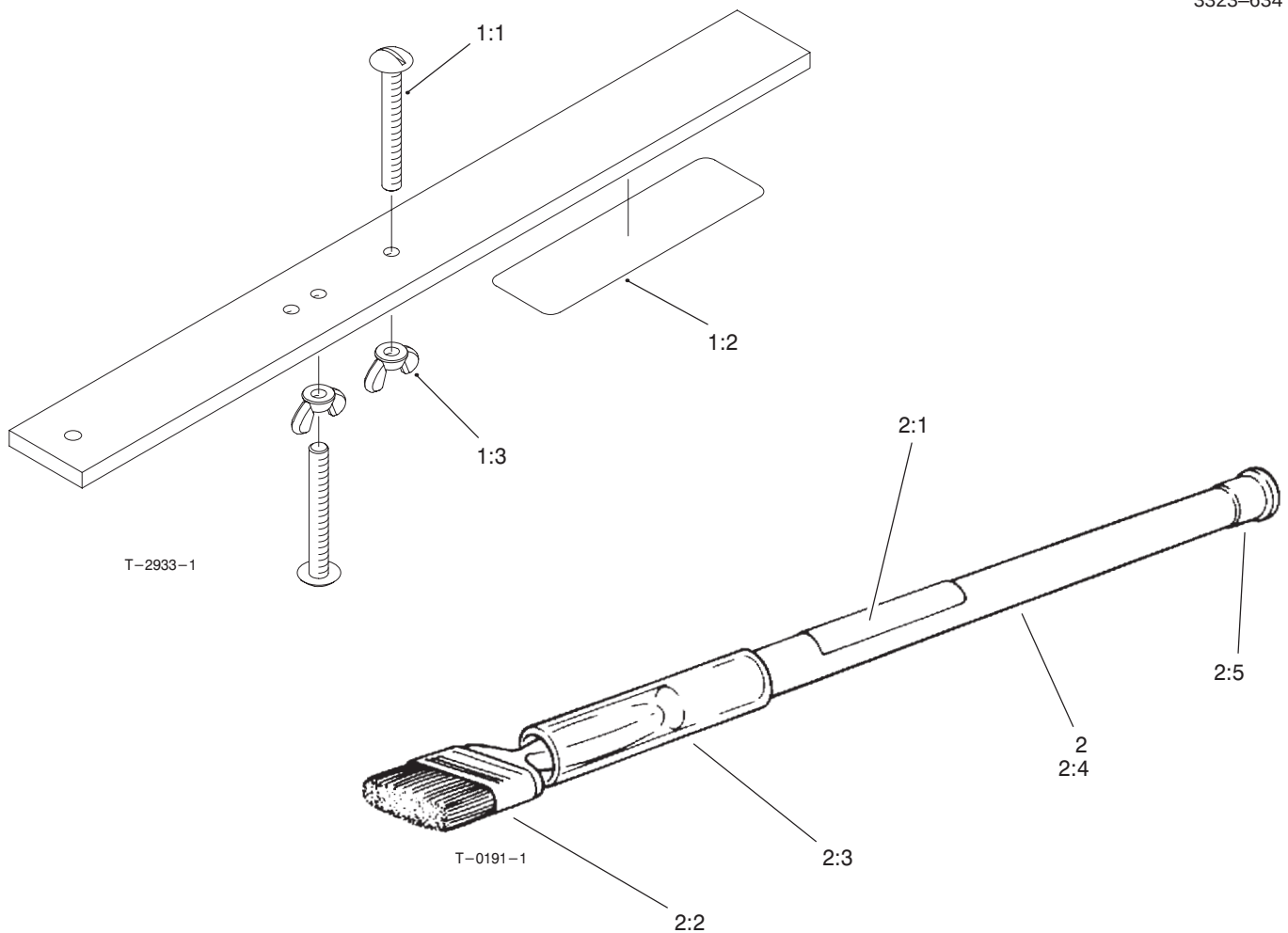


T-1458-1

Diagnostic ACE Display Assembly

Ref. No.	Part No.	Qty.	Description
1	99-8983	1	Decal-Diagonstic
1	99-8985	1	Decal-Diagonstic (Danish)
1	99-8986	1	Decal-Diagonstic (Dutch)
1	99-8987	1	Decal-Diagonstic (Finnish)
1	99-8988	1	Decal-Diagonstic (French)
1	99-8989	1	Decal-Diagonstic (German)
1	99-8990	1	Decal-Diagonstic (Italian)
1	99-8991	1	Decal-Diagonstic (Norwegian)
1	99-8992	1	Decal-Diagonstic (Portuguese)
1	99-8993	1	Decal-Diagonstic (Spanish)
1	99-8994	1	Decal-Diagonstic (Swedish)
1	99-8984	1	Decal-Diagonstic (Japan)
2	85-4750	1	Display-Diagnostic ACE

Ref. No.	Part No.	Qty.	Description



Gauge Bar and Backlapping Brush Assembly

Ref. No.	Part No.	Qty.	Description
1	98-1852	1	Gauge Bar ASM
1:1	32122-54	2	Screw
1:2	98-7976	1	Decal
1:3	32103-3	2	Nut-Wing
2	29-9100	1	Backlapping Brush ASM
2:1	12-9140	1	Decal
2:2	36-4310	1	Brush
2:3	29-9090	1	Hose-Handle
2:4	29-9080	1	Handle
2:5	2410-18	1	Plug

Maintenance Record

[illegible]

