Form No. 3325-762

Groundsmaster® 3000-D

2WD/4WD Traction Unit

Model No. 30301TC—210000001 and Up
Model No. 30302TC—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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Accessories

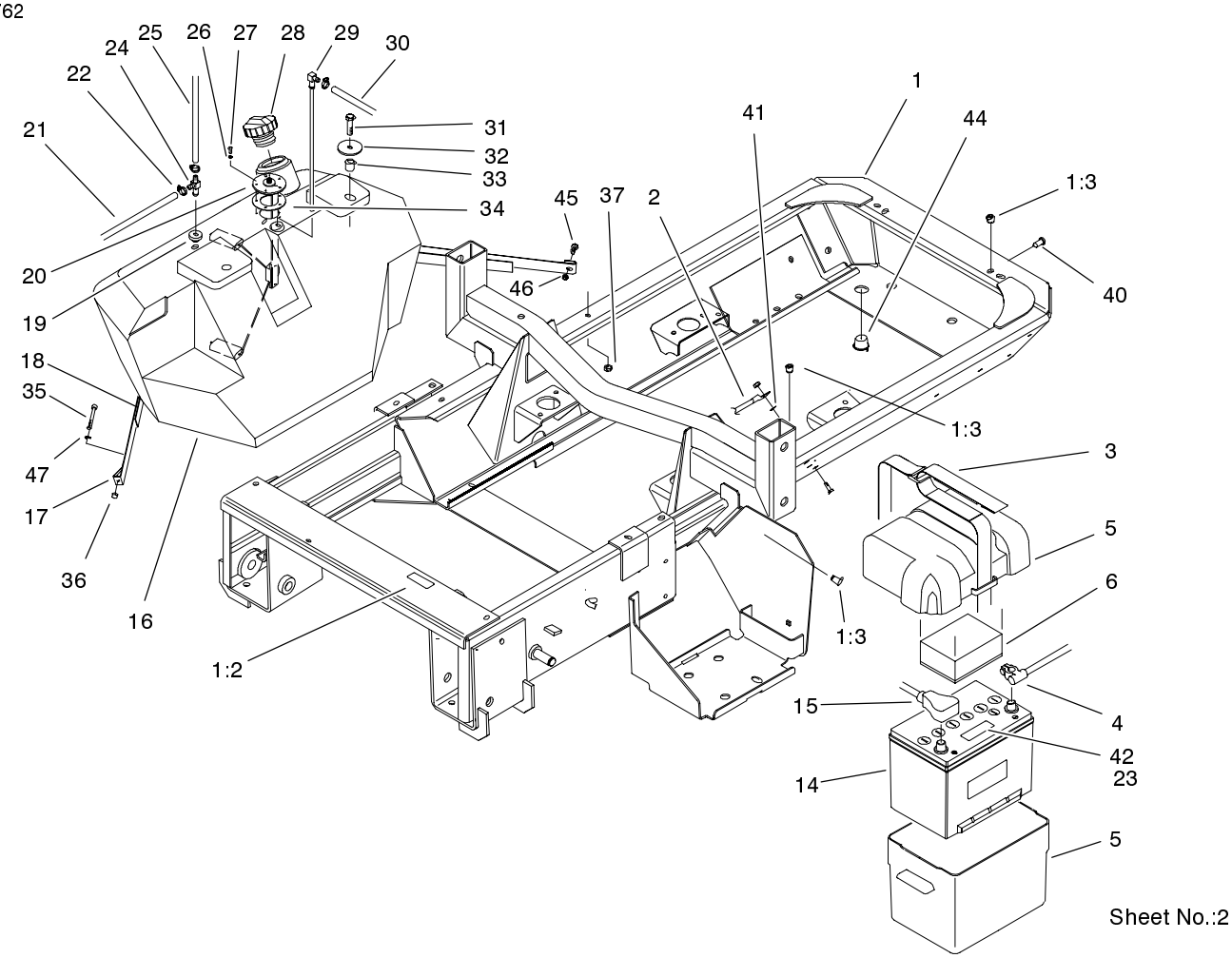
Description	Model / Part No.
Two Post ROPS Kit	30388
Cruise Control Kit	30394
Standard Seat Suspension Kit	30395
Deluxe Seat Suspension Kit	30396
Road Light Kit	30397
Standard Seat Kit	30398
Armrest Kit	30707
Hydraulic Kit (Contour Deck)	30726

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
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

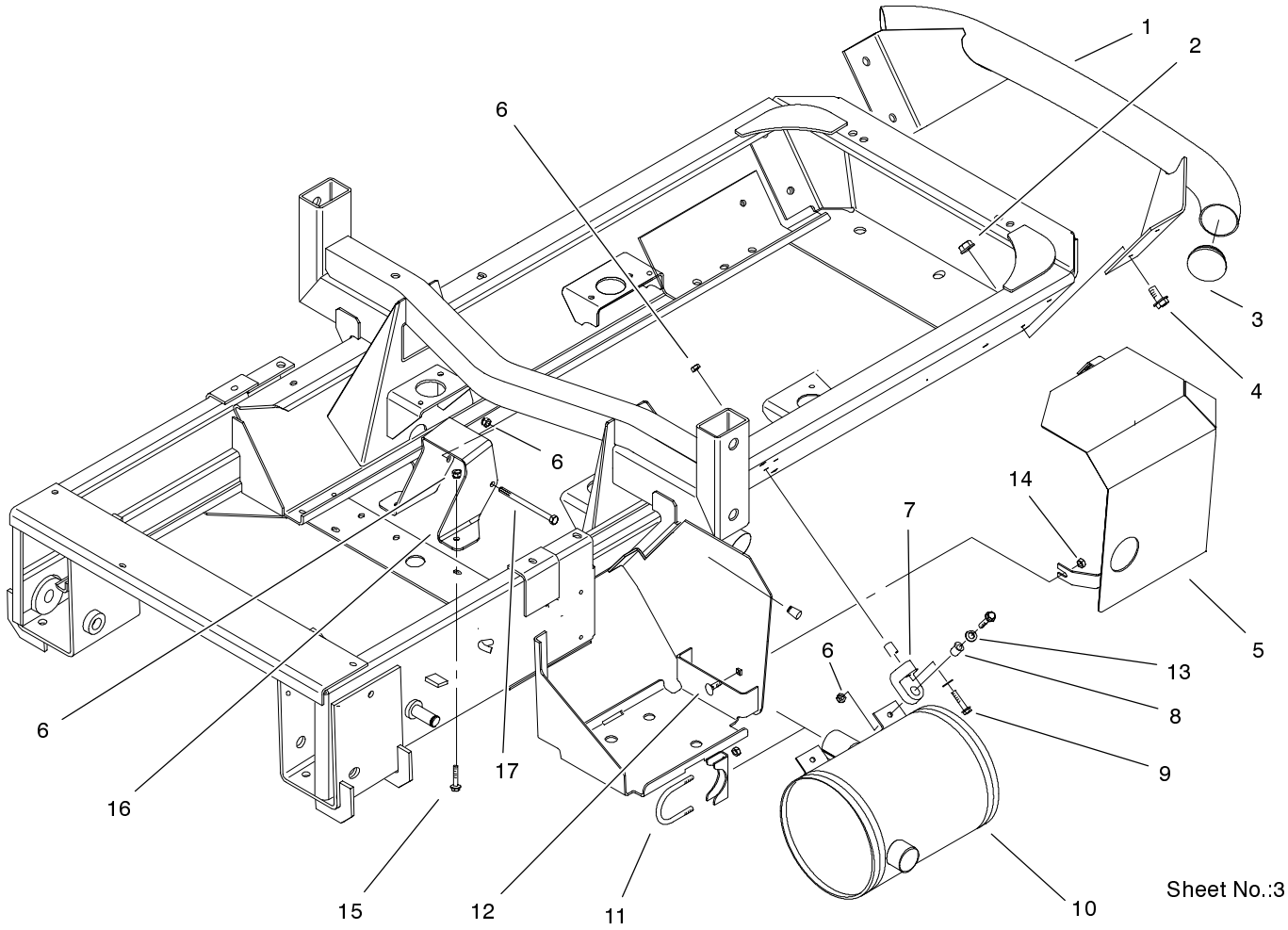
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Frame, Fuel Tank and Battery Assembly

Ref. No.	Part No.	Qty.	Description
1	104-0123	1	Frame Assembly
1:2	93-8067	1	Decal-Oil, Hyd
1:3	93-5450	7	Nut-Clinch
2	18-2770	1	Ground Cable
3	94-1445	1	Strap - Battery
4	93-5418	1	Cable-Battery,N
5	93-7595	1	Box-Battery
6	93-7968	1	Pad - Foam
14	63-9230	1	Battery - Dry
15	98-7093	1	Cable-Battery, Positive
16	95-5621	1	Tank - Fuel
17	95-3034	1	Strap
18	93-5273	1	Strap-Felt
19	46-6560	2	Bushing
20	92-9267	1	Sender - Fuel
21	93-5483	1	Hose - Fuel
22	2412-108	3	Clamp-Worm
24	93-5119	1	Fitting
25	95-5936	1	Hose - Fuel
26	3253-15	5	Washer-Lock/Sp
27	32122-24	5	Screw-Pth
28	93-3102	1	Cap-Fuel
29	93-5453	1	Pipe - Stand
30	93-5484	1	Hose - Fuel
31	33105-040	2	Screw-HHF

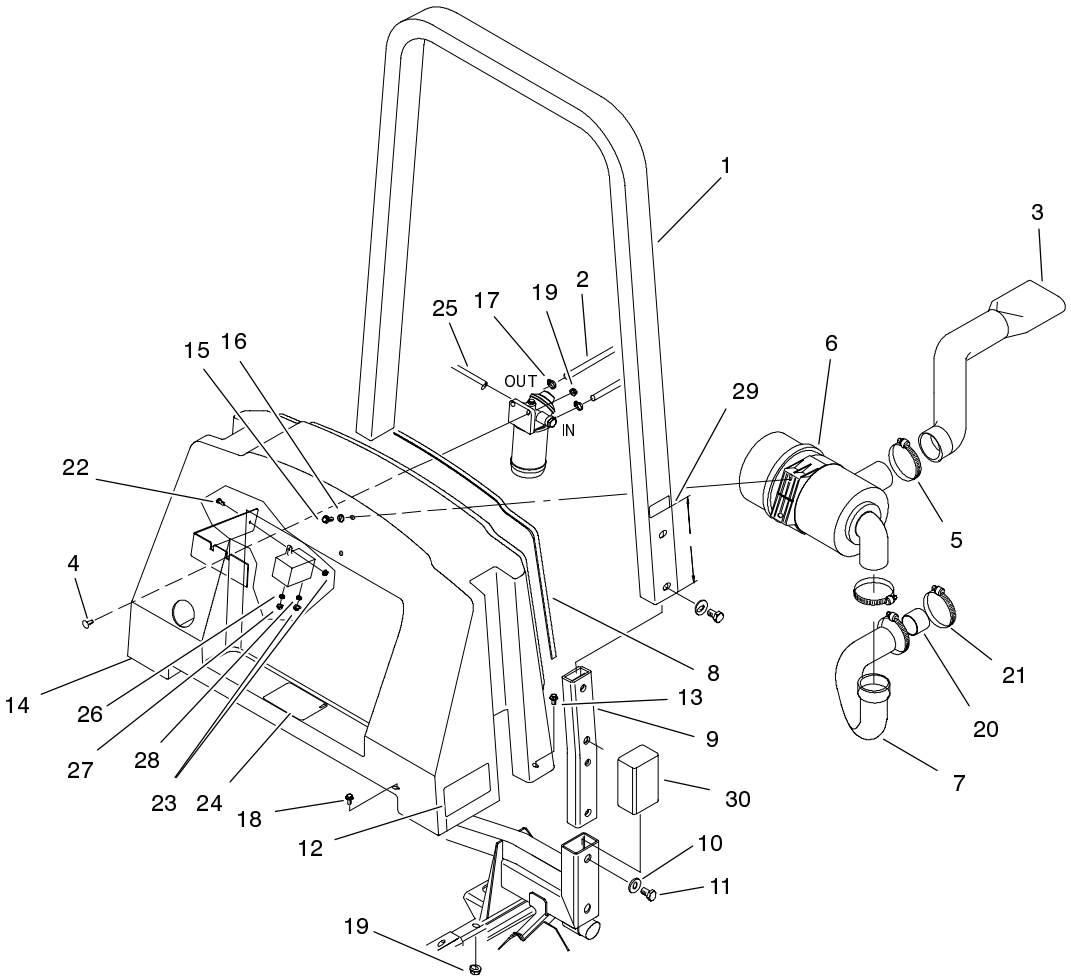
Ref. No.	Part No.	Qty.	Description
32	83-1040	2	Washer - Flat
33	93-5384	2	Spacer
34	62-7650	1	Gasket
35	3274-62	1	Screw-HSH
36	32146-17	1	Nut-Lock
37	33025-00	2	Nut-Lock
40	237-37	3	Grommet
41	3254-6	1	Washer-Lock, Internal
42	93-7276	1	Decal-Danger
42	93-6668	1	Decal-Battery
44	95-1587	2	Plug - 1”
45	33103-016	1	Screw-HHF
46	33023-00	1	Nut-Lock
47	3253-3	1	Washer-Lock



Muffler and Bumper Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5440-03	1	Bumper ASM
2	33006-00	4	Nut-Hex Flange
3	2410-42	2	Cap-End
4	33106-030	4	Screw-HHF
5	93-5594-03	1	Guard-Muffler
6	33024-00	6	Nut-Lock
7	95-5622	2	Hanger - Rubber
8	93-5023	4	Spacer
9	33104-035	4	Screw-HHF
10	93-5946	1	Muffler W/ Spark Arrestor
11	2112-6	1	Clamp-Muffler
12	33124-020	3	Screw-CARR
13	3256-3	4	Washer-Flat
14	33004-00	3	Nut-HF
15	33104-020	2	Screw-HHF
16	95-2637-03	1	Guard-Shaft
17	33114-120	1	Screw-HH

Ref. No.	Part No.	Qty.	Description

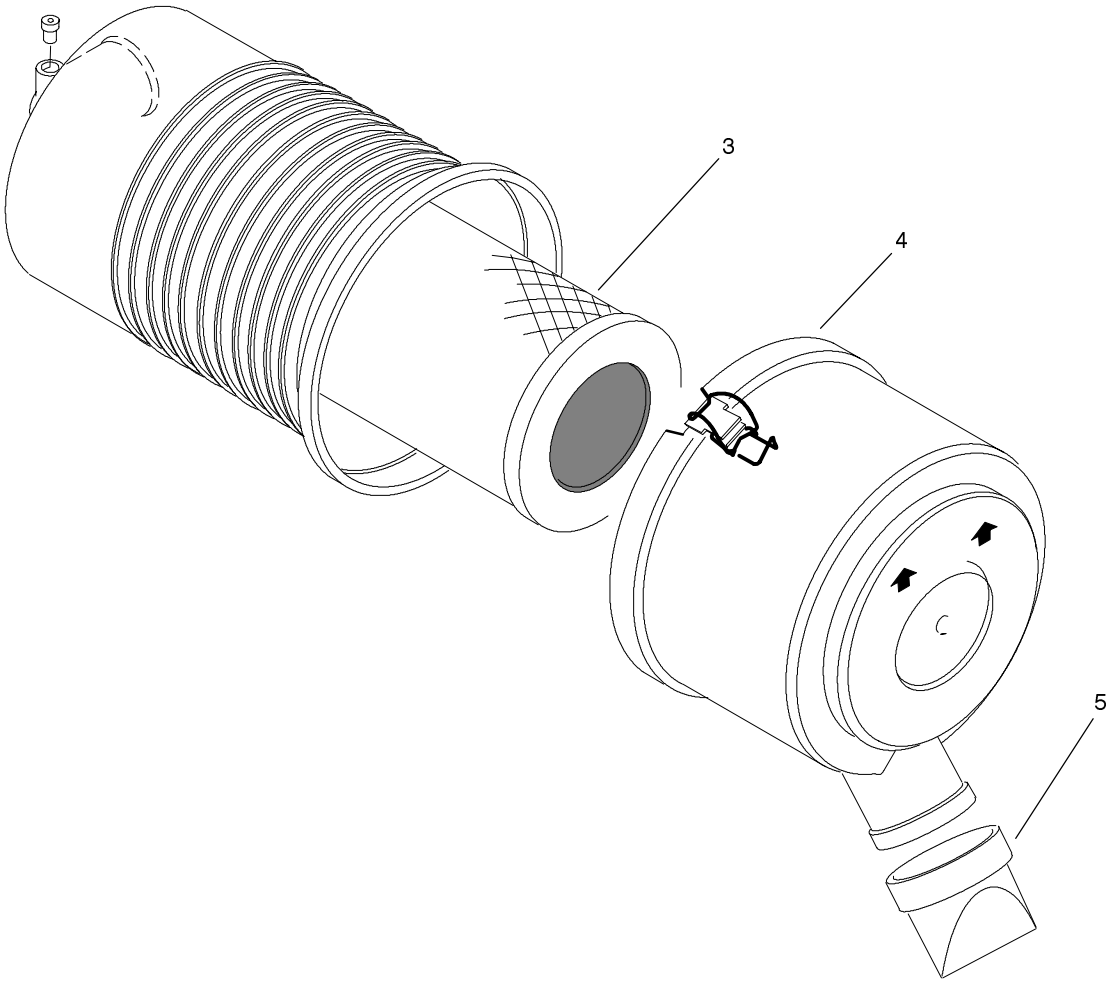


Sheet No.:4

Center Shroud, Air Cleaner and Roll-Over-Protection System Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5044-03	1	Rops (only on: 30302tc)
2	95-5936	1	Hose - Fuel
3	93-5083	1	Hose-Air Cleaner
4	33124-025	2	Screw-CARR
5	2412-110	2	Hose Clamp
6	93-5111	1	Air Cleaner
7	93-5084	1	Hose-Air Cleaner
8	93-5253	1	Strip-Foam, Hood
9	93-5157-03	2	Bar-Rops (only on: 30302tc)
10	3256-6	8	Washer-Flat (only on: 30302tc)
11	93-5420	8	Screw-HH (only on: 30302tc)
12	94-8099	2	Decal - 4wd (only on: 30302tc)
13	33104-016	2	Screw-HHF
14	93-5645	1	Center Shroud ASM
15	33104-020	2	Screw-HHF
16	3256-3	2	Washer-Flat
17	2412-108	2	Clamp-Worm
18	33104-025	2	Screw-HHF
19	33004-00	4	Nut-HF

Ref. No.	Part No.	Qty.	Description
20	93-5427	1	Spacer - Intake
21	2412-130	2	Hose Clamp
22	33113-020	1	Screw-HH
23	33003-00	2	Nut-HF
24	93-9894	1	Decal - Safety
25	68-5910	1	Hose-Fuel Line, 19”
26	3255-10	1	Washer-Lock/Ext
27	48-7880	1	Nut-Hex
28	3255-7	1	Washer-Lock/Ext
29	95-5646	1	Decal - Rops (only on: 30302tc)
30	93-5638	2	Cover - Tube (only on: 30301tc)

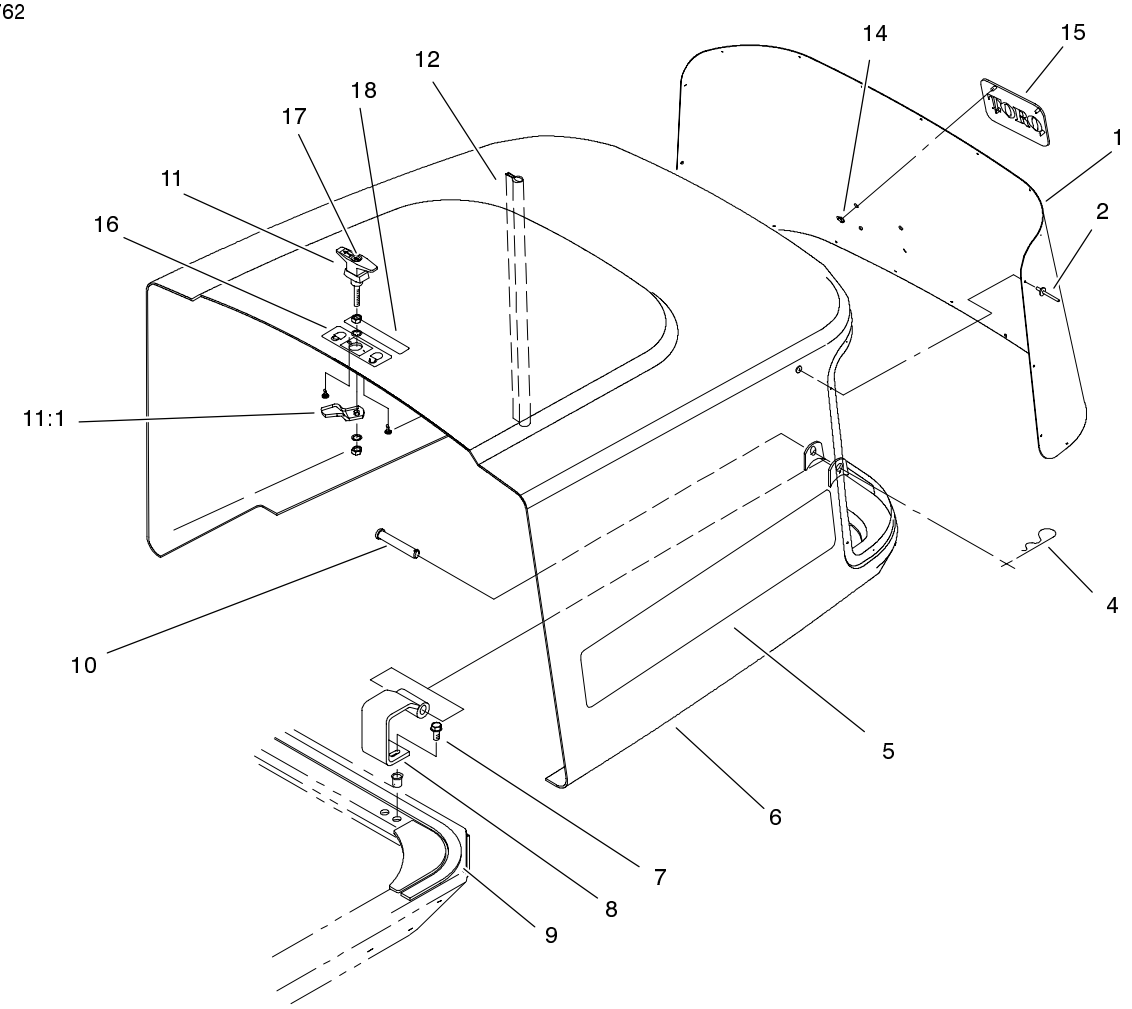


Sheet No.:A1
T-2252-1

Air Cleaner Assembly No. 93-5111

Ref. No.	Part No.	Qty.	Description
3	94-1412	1	Filter - Primary
4	93-5986	1	Cover ASM
5	94-1414	1	Valve-Vacuator

Ref. No.	Part No.	Qty.	Description

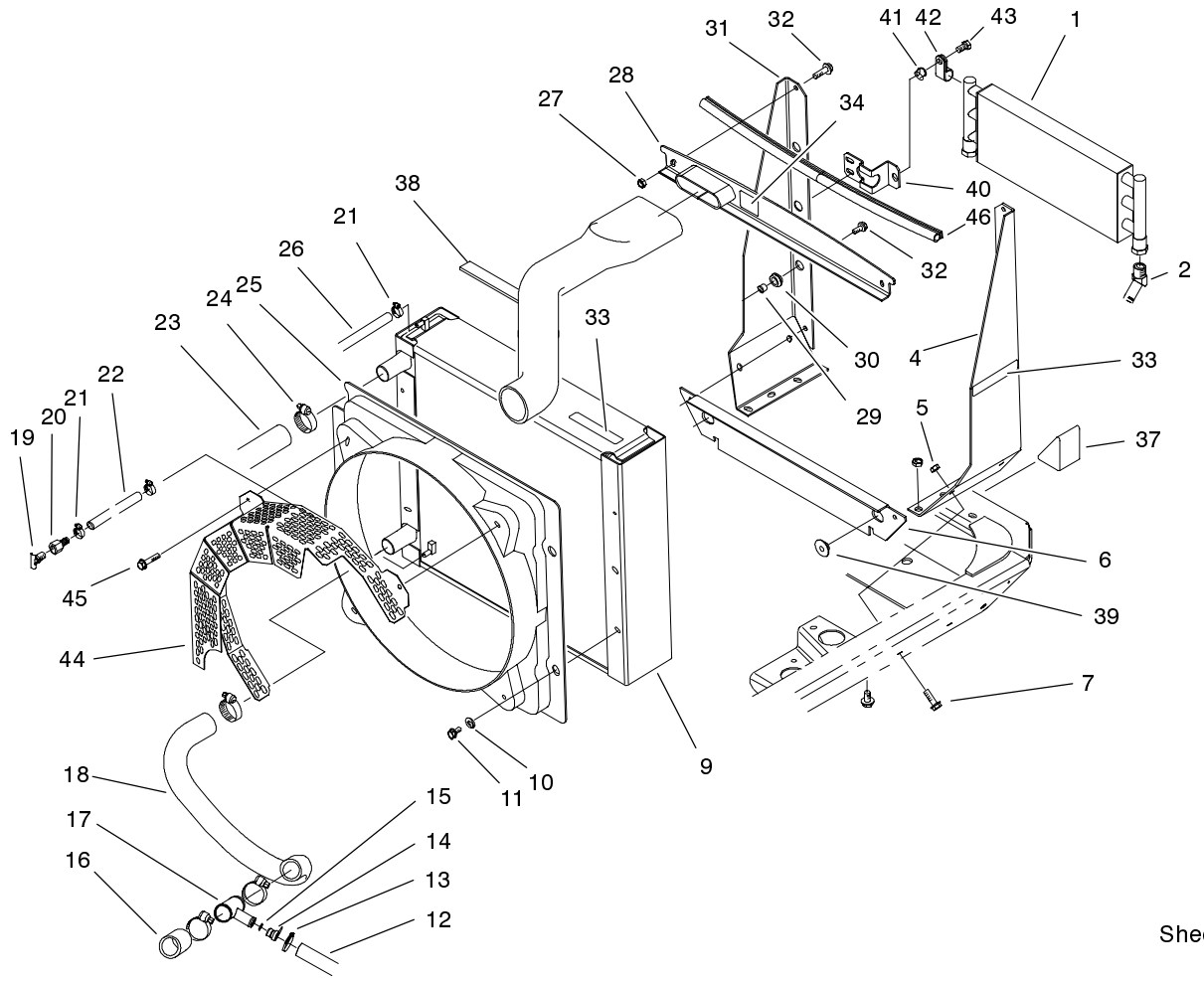


Sheet No.:5

Hood Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5229-03	1	Screen-Rear
2	104-1417	22	Rivet-Plastic
4	3290-467	2	Pin-Hair
5	93-5422	2	Decal - Hood
6	93-5086	1	Hood ASM
7	33104-020	4	Screw-HHF
8	93-5093-03	2	Pivot-Hood
9	93-5254	1	Strip-Foam, Rear
10	283-55	2	Pin-Clevis
11	93-5570	1	Latch - Handle
11:1	93-5566	1	Arm-Latch
12	93-5250	2	Seal-Bulb, Side
14	94-2638	4	Nut-Tinnerman
15	93-6028	1	Plate - Logo, Toro
16	94-6328	1	Decal - Hood Lock
17	94-6329	1	Decal - Arrow
18	93-7272	1	Decal - Warning

Ref. No.	Part No.	Qty.	Description

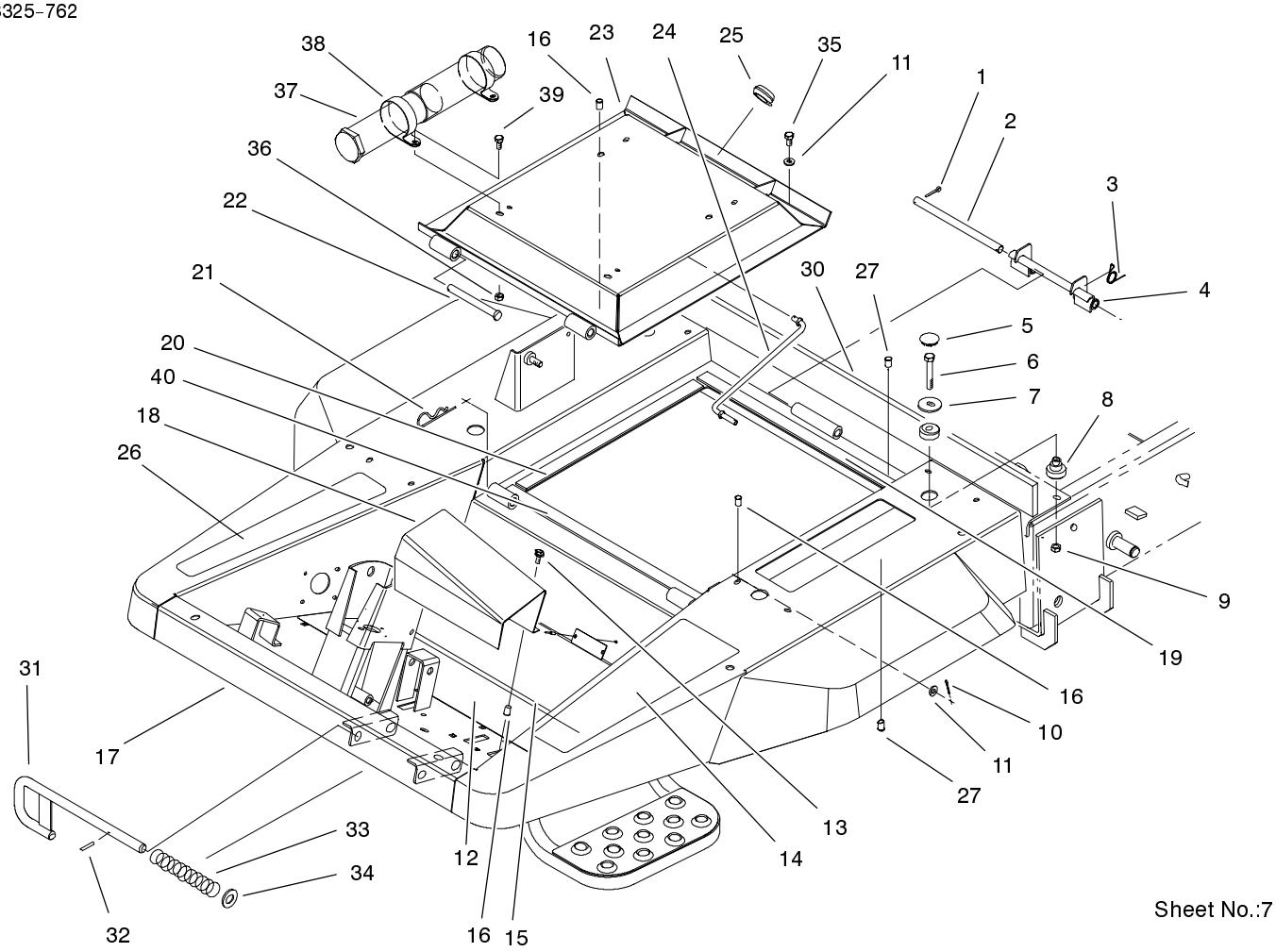


Sheet No.:6

Radiator, Oil Cooler and Support Assembly

Ref. No.	Part No.	Qty.	Description
1	63-5400	1	Exchanger-Heat
2	95-5629	2	Fitting - 45 DEG
4	93-5105-03	1	Support - Radiator
5	33025-00	4	Nut-Lock
6	95-0987-03	1	Support-Radiator, Lower
7	33105-030	4	Screw-HHF
9	93-5942	1	Radiator
10	3256-35	4	Washer-Flat
11	33104-016	4	Screw-HHF
12	93-5537	1	Hose - Peugeot
13	2412-141	2	Clamp-Drive, Worm
14	93-5054	1	Fitting-Restriction
15	93-5392	1	O-Ring
16	93-5597	1	Hose - Radiator
17	93-5053	1	Fitting-Radiator
18	93-5596	1	Hose - Radiator, Lower
19	93-5528	1	Fitting- Drain Cock
20	354-94	1	Hose-Female, Barb
21	2412-36	3	Clamp-Hose (only on: 30302tc)
21	2412-36	5	Clamp-Hose (only on: 30301tc)
22	104-0109	1	Hose

Ref. No.	Part No.	Qty.	Description
23	93-5595	1	Hose - Radiator, Upper
24	2412-111	6	Clamp
25	93-5034	1	Shroud - Radiator
26	93-5538	1	Hose - Peugeot
27	33024-00	4	Nut-Lock
28	99-5799-03	1	Support ASM
29	93-5109	6	Spacer
30	93-5108	6	Grommet - Rubber
31	93-5104-03	1	Support - Radiator
32	33104-020	10	Screw-HHF
33	93-7272	3	Decal - Warning
34	93-7275	1	Decal-Fluid, Starting
37	93-5954	2	Foam - Plug
38	95-0698	1	Strip - Foam
39	240-3	2	Grommet-Rubber
40	95-0972-03	2	Bracket - Cooler
41	32148-9	2	Nut-Insert
42	2412-81	2	Clamp
43	323-6	2	Screw-HH
44	98-0663-03	1	Guard - Fan
45	33104-020	3	Screw-HHF (only on: 30302tc)
46	93-5251	1	Seal-Bulb, Top

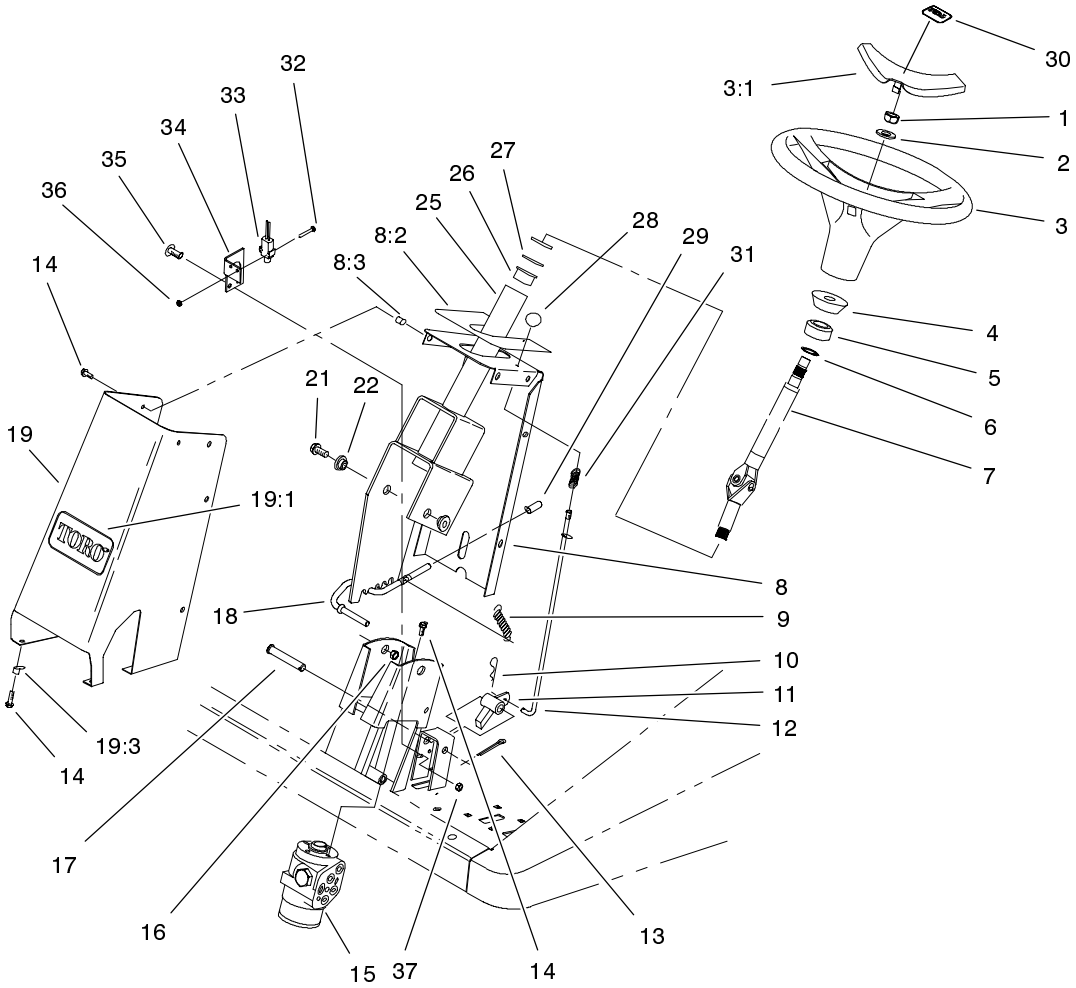


Sheet No.:7

Operator Platform and Seat Base Assembly

Ref. No.	Part No.	Qty.	Description
1	3272-11	2	Pin-Cotter
2	93-5366	1	Shaft-Latch
3	93-5367	1	Spring-Torsion
4	93-5363	1	Latch ASM
5	93-3094	4	Plug - Cap
6	33115-060	4	Screw-HH
7	93-5308	4	Washer-Iso Mount
8	93-5307	4	Mount -Iso
9	33025-00	4	Nut-Lock
10	3272-5	2	Pin-Cotter
11	3256-23	4	Washer-Flat
12	93-5348	1	Abrasive-Floor
13	33103-016	2	Screw-HHF
14	93-5507	1	Abrasive - Platform
15	93-5349	1	Abrasive-Floor
16	93-5447	13	Nut-Clinch
17	93-5232-01	1	Platform
18	93-5310-01	1	Cover-Tubes
19	93-5335	1	Strip-Foam, Seat (only on: 30302tc)
20	93-5334	2	Strip-Foam, Seat
21	3290-355	2	Pin-Hair
22	283-83	2	Pin-Clevis
23	98-2395-03	1	Seat-Base
24	93-5338	1	Rod-Prop
25	240-5	1	Grommet

Ref. No.	Part No.	Qty.	Description
26	93-7834	1	Decal-Footrest, RH
27	93-5449	4	Nut-Clinch
30	93-5255	1	Strip-Foam, Plat
31	95-3033	1	Rod
32	32121-79	1	Pin-Roll
33	28-0570	1	Comp Spring
34	3256-69	1	Washer-Flat
35	33114-020	2	Screw-HH (only on: 30301tc)
36	33024-00	2	Nut-Lock
37	74-0720	1	Tube-Manual
38	2412-133	2	R-Clamp
39	33114-016	2	Screw-HH
40	99-5789	1	Strip-Foam

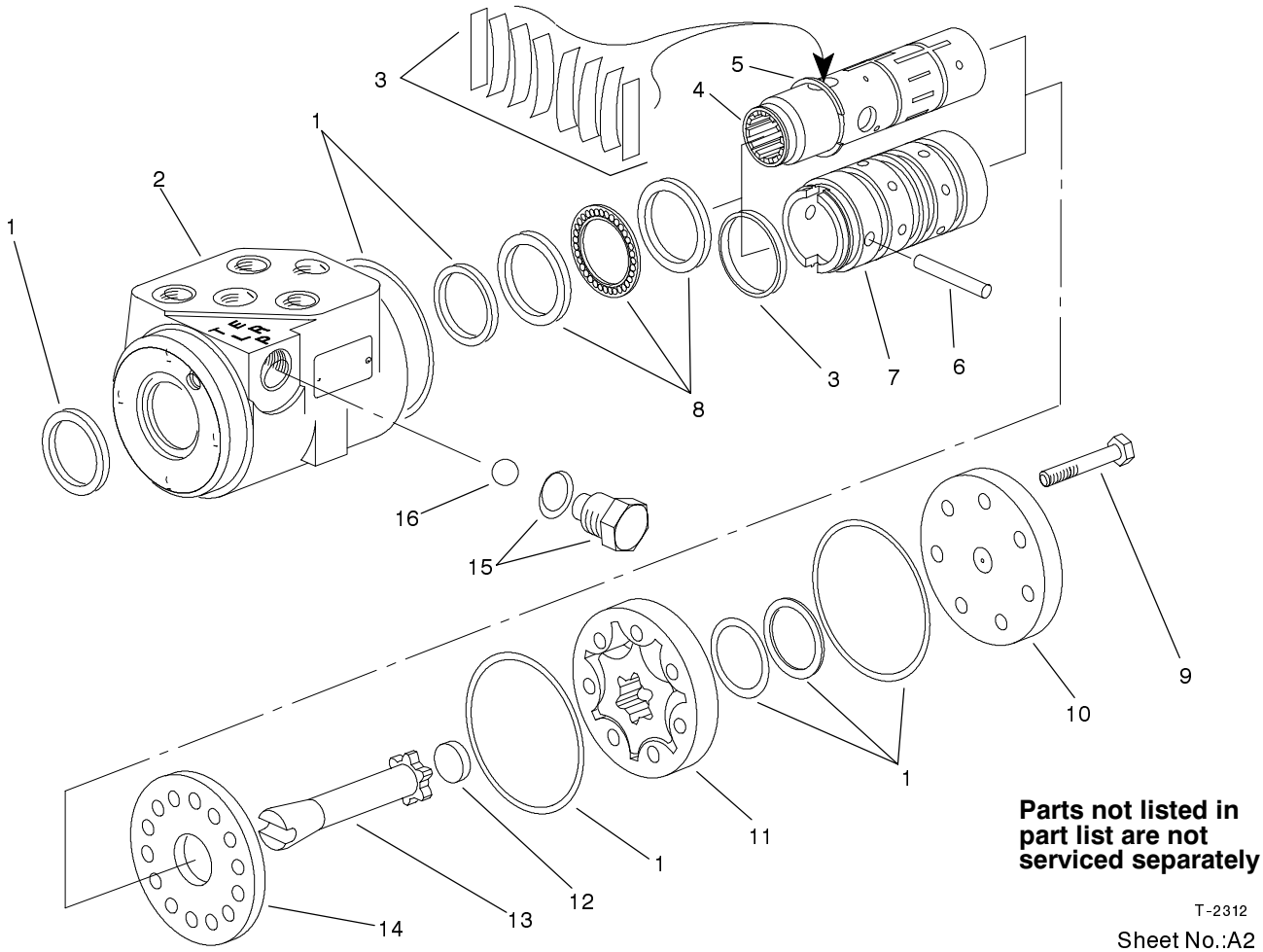


Sheet No.:8

Steering Tower Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5590	1	Nut-Hex
2	3256-27	1	Washer-Flat
3	98-1471	1	Wheel - Steering
3:1	98-1468	1	Cover-Wheel, Steering
4	93-5429	1	Collar - Foam
5	93-5439	1	Seal - Steering
6	32151-29	2	Ring-Snap, External
7	93-5428	1	Steering Shaft ASM
8		1	Tower Cover ASM
8:2	95-0814	1	Decal - Steering Tower
8:3	93-5447	8	Nut-Clinch
9	93-5985	1	Spring - Extension
10	3272-5	1	Pin-Cotter
11	93-5276-03	1	Brake Pawl ASM
12	104-8308	1	Rod ASM
13	3272-10	1	Pin-Cotter
14	33103-016	16	Screw-HHF
15	93-5165	1	Valve - Control,Steering
16	33005-00	2	Nut-Hex Flange
17	283-5	1	Pin-Clevis
18	93-5989	1	Rod-Tilt
19	93-5633	1	Tower Housing ASM
19:1	67-1300	1	Decal - Toro

Ref. No.	Part No.	Qty.	Description
19:3	93-5447	4	Nut-Clinch
21	33105-025	2	Screw-HHF
22	93-5988	2	Hub - Pivot
25	93-5205-03	1	Steering Column ASM
26	256-132	2	Bushing-Flange
27	256-260	4	Washer-Thrust
28	93-5312	1	Knob
29	93-5446	1	Cap - Vinyl
30	98-1459	1	Decal-Toro
31	71-8310	1	Spring-Compression
32	3250-35	2	Screw-PPH
33	99-3410	1	Switch
34	104-0128	1	Bracket-Switch
35	32122-42	2	Screw
36	3296-9	2	Nut-Lock NI
37	3296-42	2	Nut-Lock NI



Parts not listed in part list are not serviced separately

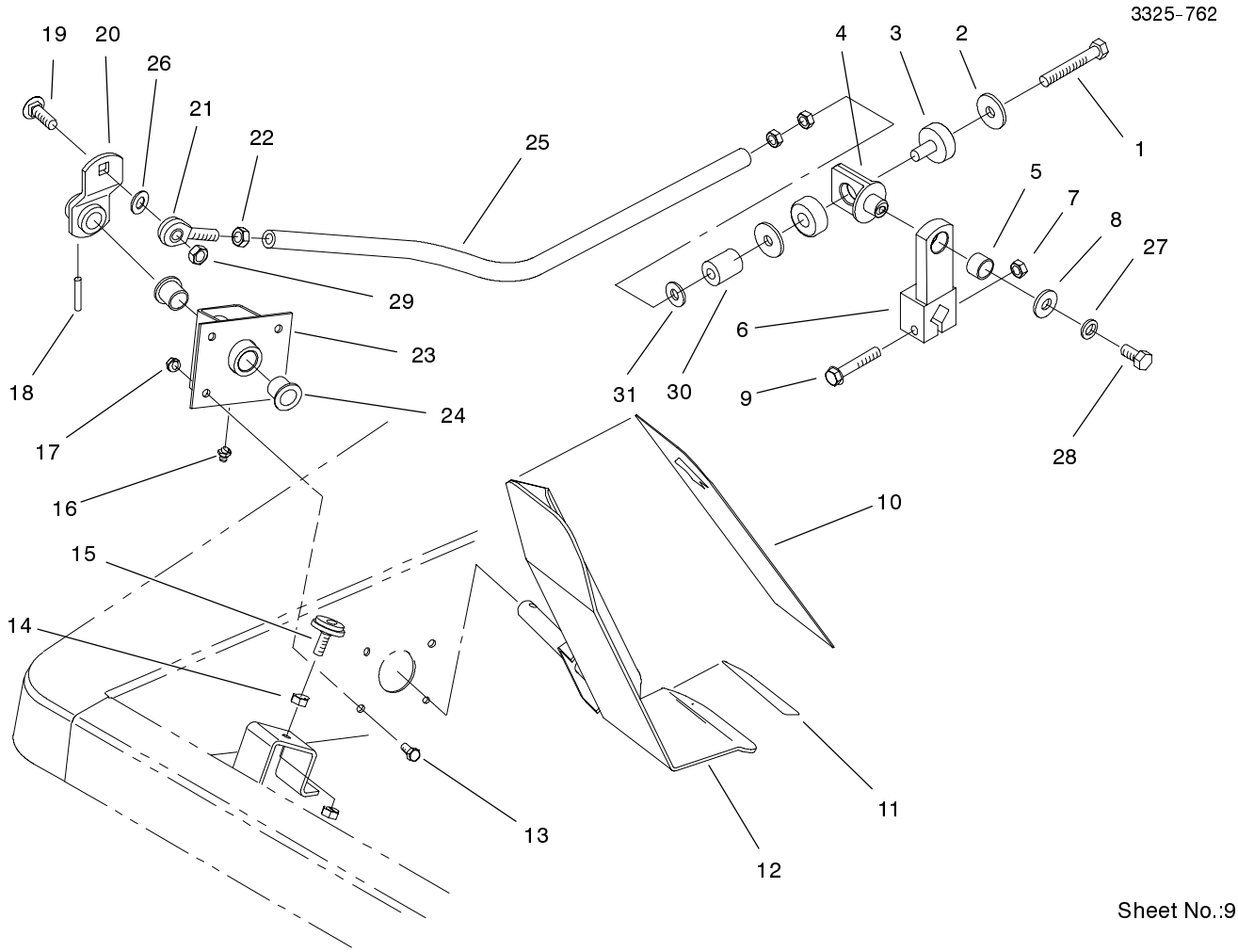
T-2312

Sheet No.:A2

Steering Control Valve Assembly No. 93-5165

Ref. No.	Part No.	Qty.	Description
1	94-4099	1	Kit - Seal
3	94-4095	1	Kit - Spring, Centering
5	94-4098	1	Ring - Retaining
6	94-4094	1	Pin
8	94-4096	1	Kit - Bearing
9	94-4088	7	Screw - Cap
10	94-4089	1	Cap - End
11	94-4090	1	Gerotor
12	94-4091	1	Spacer
13	94-4093	1	Drive
14	94-4092	1	Plate - Wear
15	94-4097	1	Plug ASM
16	94-4100	1	Ball

Ref. No.	Part No.	Qty.	Description

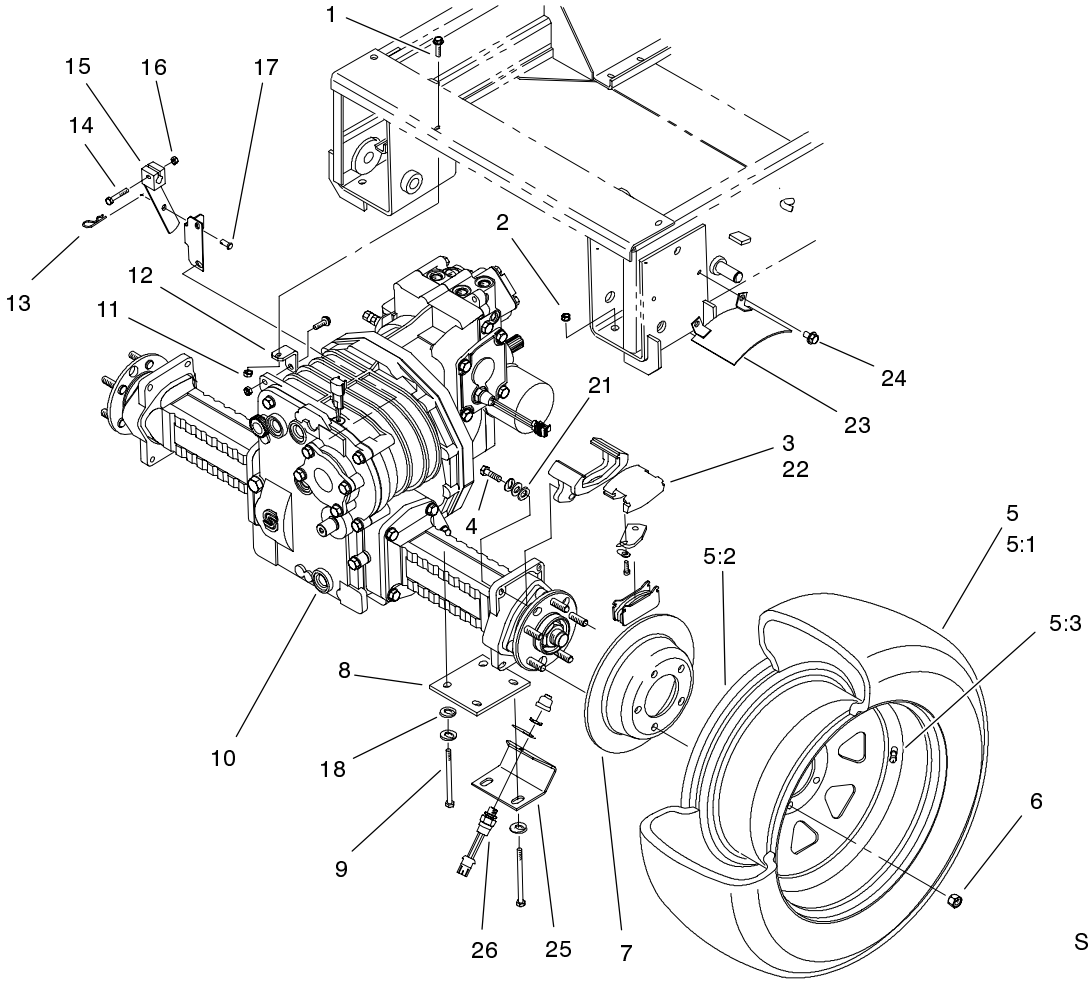


Sheet No.:9

Traction Pedal and Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	3211-15	1	Screw-HH
2	63-8410	2	Washer
3	95-2596	1	Mount - Iso
4	95-2595	1	Post - Pivot
5	256-42	1	Bushing
6	95-2598-03	1	Lever
7	33024-00	1	Nut-Lock
8	80-6990	1	Washer-Hardened
9	33104-050	1	Screw-HHF
10	93-5347	1	Abrasive-Pedal
11	93-5368	1	Abrasive-Pedal
12	93-5133-01	1	Traction Pedal ASM
13	33113-016	4	Screw-HH
14	3217-6	2	Nut-Hex
15	32141-36	1	Screw-Adjust, Level
16	302-5	1	Fitting-Grease
17	33003-00	4	Nut-HF
18	32121-9	1	Pin-Spring
19	3231-25	1	Screw-CARR
20	93-5137	1	Lever-Traction
21	2411-36	1	Bearing-End, Rod
22	3220-3	3	Nut-Jam
23	93-5129-03	1	Bracket-Pedal
24	256-10	2	Bushing-Flange
25	100-5597-03	1	Tube-Control

Ref. No.	Part No.	Qty.	Description
26	3256-24	1	Washer-Flat (only on: 30302tc)
27	3253-21	1	Washer-Lock
28	3211-2	1	Screw-HH
29	3296-59	1	Nut-Lock NI
30	66-4310	1	Tube-Pivot
31	3256-3	1	Washer-Flat



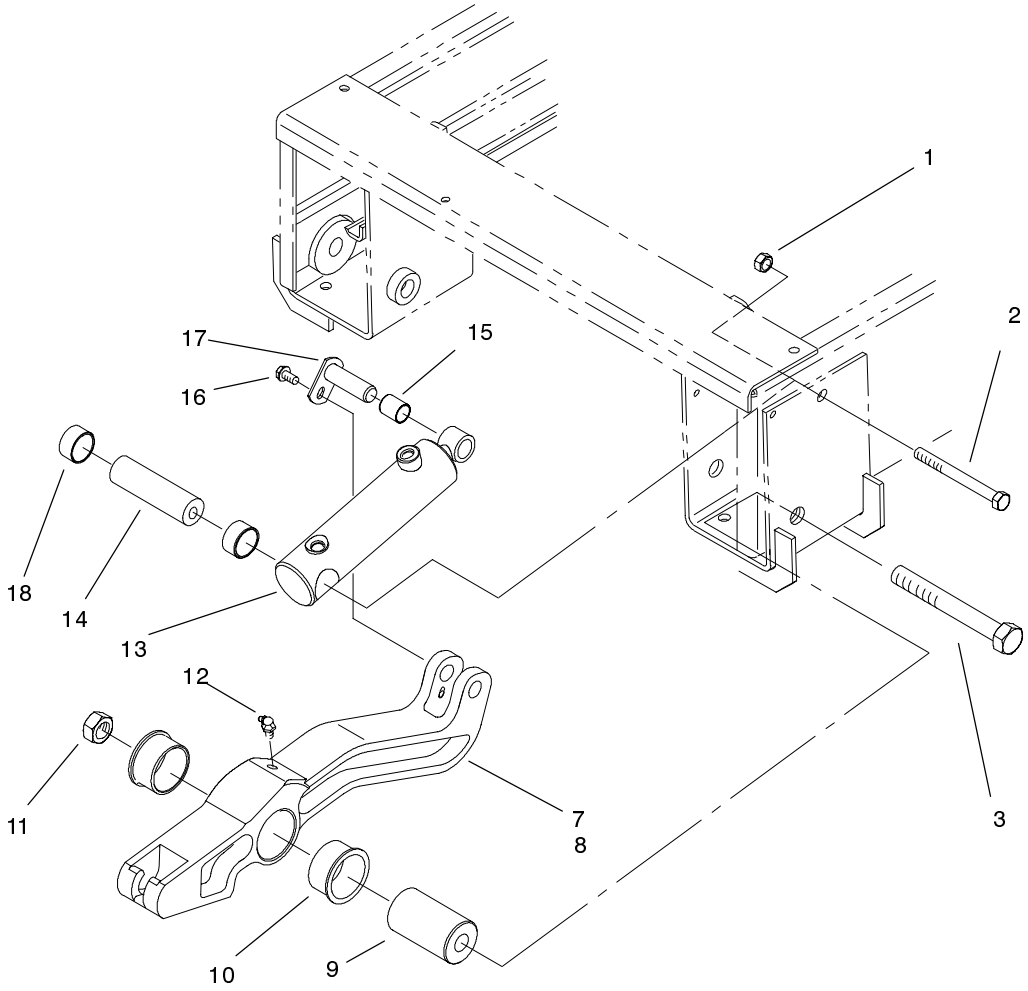
Sheet No.:10

Front Axle, Brake and Tire Assembly

Ref. No.	Part No.	Qty.	Description
1	33104-025	2	Screw-HHF
2	33006-00	8	Nut-Hex Flange
3	95-2619	1	Caliper-Brake, LH
4	323-44	4	Screw-HH
☆5		2	Tire ASM
5:1	93-5431	1	Tire
5:2	93-5548	1	Wheel
5:3	232-27	1	Stem-Valve
6	93-5268	10	Nut-Lug
7	93-5958	2	Brake - Rotor
8	93-5036-03	2	Plate - Axle
9	100-1373	8	Screw-HH
10	95-2630	1	Axle - Iht
11	33024-00	2	Nut-Lock
12	93-5306	1	Bracket-Transaxle
13	3290-467	1	Pin-Hair
14	33114-040	1	Screw-HH
15	93-5383-03	1	Lever
16	33024-00	1	Nut-Lock
17	283-62	1	Pin-Clevis
18	3256-26	14	Washer-Flat
21	3290-461	12	Washer-Spring
22	95-2623	1	Caliper-Brake, RH
23	93-5977-03	2	Shield-Brake
24	32144-14	4	Screw-HWH

Ref. No.	Part No.	Qty.	Description
25	93-4869-03	1	Bracket - Switch
26	94-3429	1	Switch-Ball

☆ Not serviced

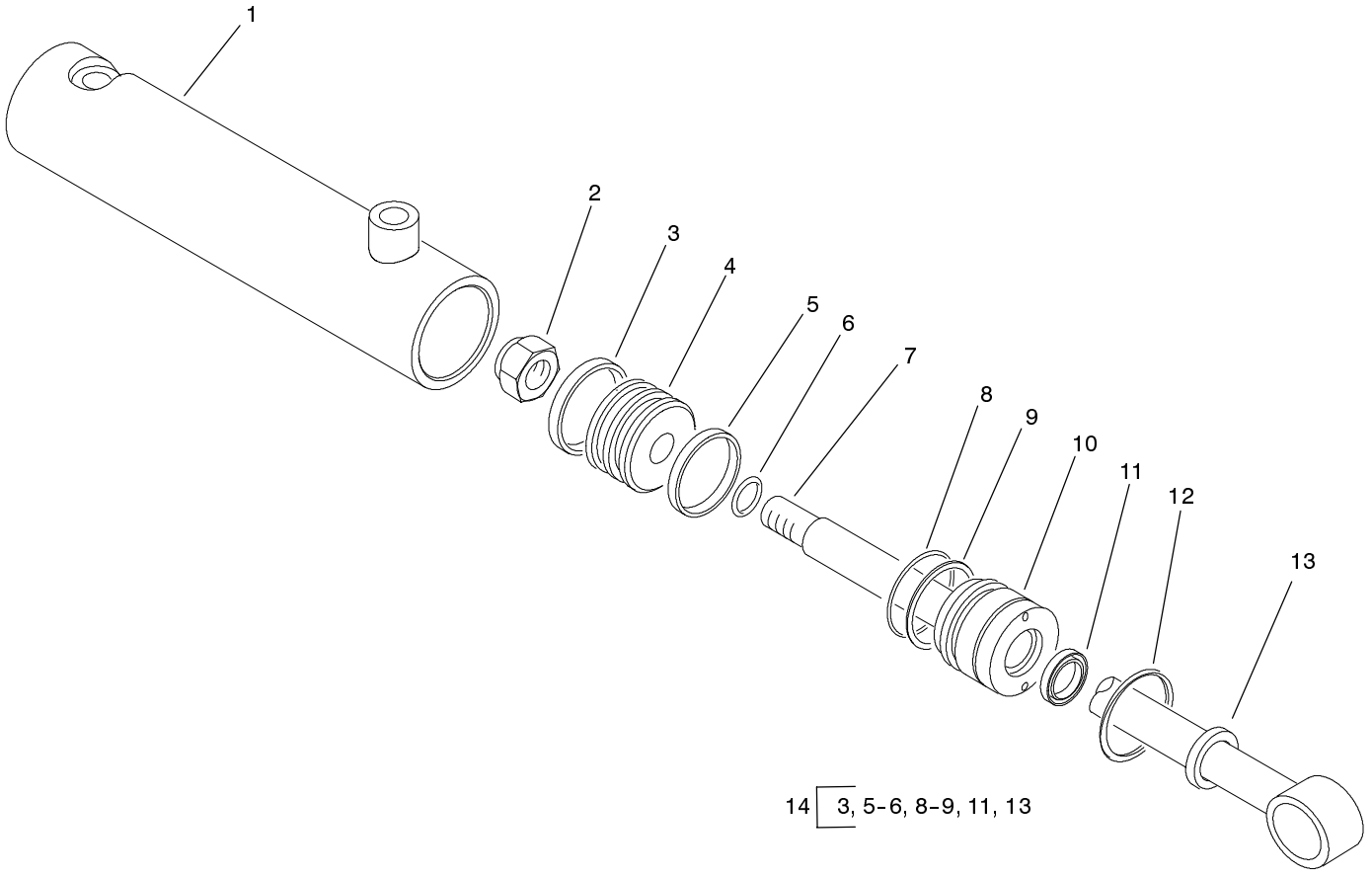


Sheet No.:11

Lift Arm and Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
1	33026-00	2	Nut-Lock
2	33116-150	2	Screw-HH
3	33119-160	2	Screw-HH
7	93-4868-03	1	Arm-Lift, LH
8	93-4867-03	1	Arm - Lift, RH
9	93-4587	2	Spacer - Pivot
10	93-4665	4	Bushing-Flange
11	33019-00	2	Nut-Hex
12	302-33	2	Fitting-Grease
13	95-5699	2	Cylinder - Hyd
14	95-9646	2	Spacer - Cylinder
15	93-4639	2	Bushing
16	33104-016	2	Screw-HHF
17	93-4630	2	Pin
18	95-9645	4	Bushing

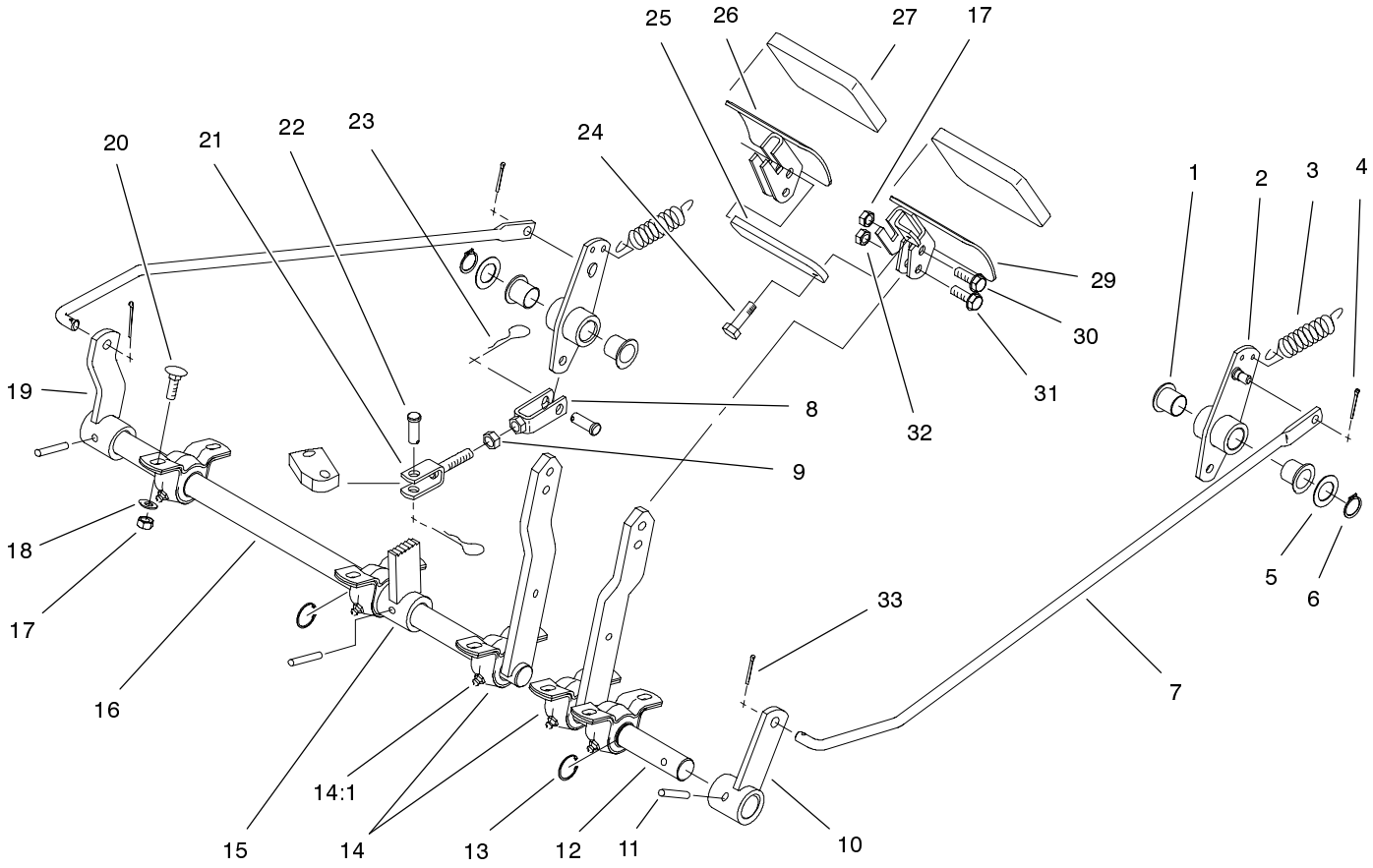
Ref. No.	Part No.	Qty.	Description



Hydraulic Cylinder Assembly No. 95-5699

Ref. No.	Part No.	Qty.	Description
1	95-2606	1	Tube ASM
2	95-2601	1	Nut-Lock
4	95-2603	1	Piston
7	95-2605	1	Rod ASM
10	95-2602	1	Head
12	95-2604	1	Ring-Retaining
14	95-2607	1	Repair Kit

Ref. No.	Part No.	Qty.	Description

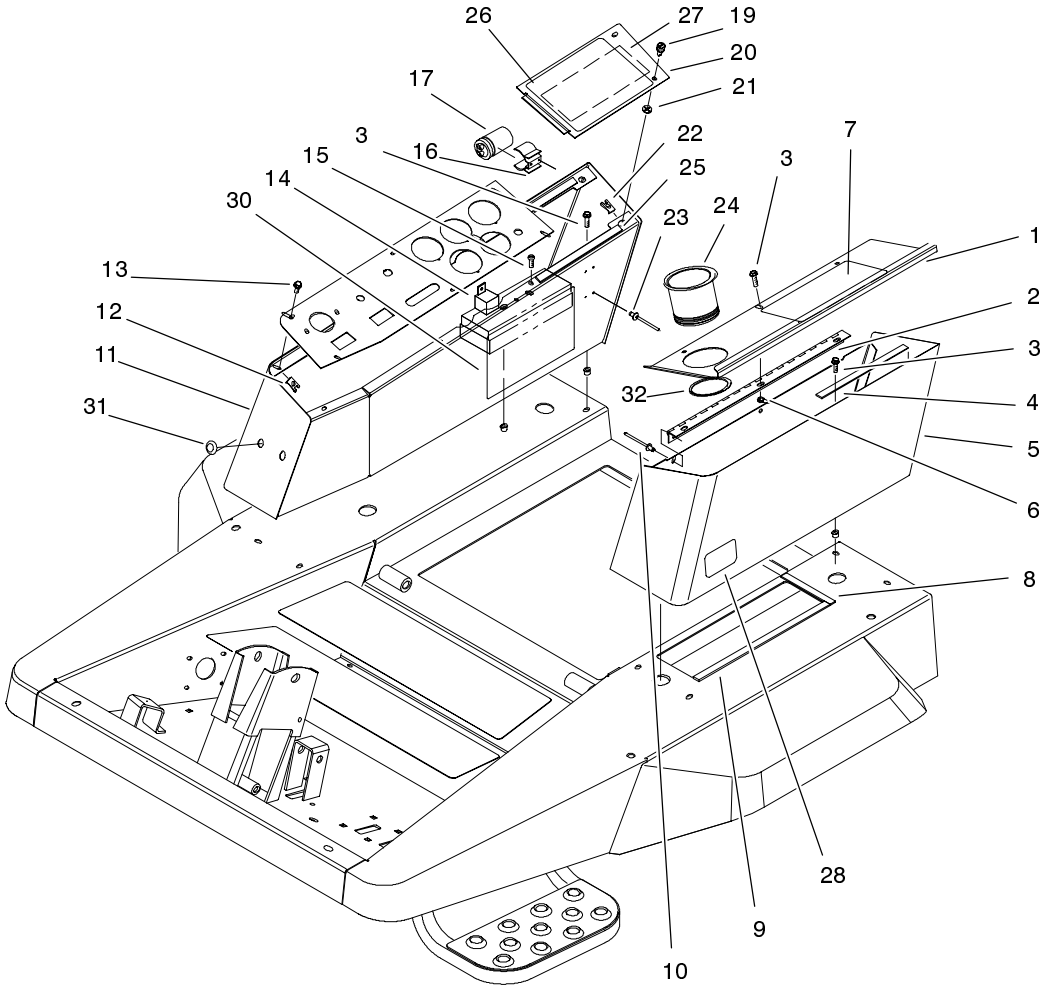


Sheet No.:12

Brake Pedals and Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5313	4	Bushing - Nylon
2	93-5326	2	Bellcrank
3	93-5262	2	Spring-Extension
4	3272-7	2	Pin-Cotter
5	3-6498	2	Washer-Thrust
6	32120-72	2	Ring-Snap
7	93-5333	2	Rod-Control
8	93-5552	2	Clevis
9	3220-3	2	Nut-Jam
10	93-5473-03	1	Lever-Brake, LH
11	32121-15	3	Pin-Roll
12	93-5280-03	1	Arm-Brake, LH
13	32151-83	3	Ring-Snap
14	93-4849	5	Bearing - Pillow Block
14:1	302-5	3	Fitting-Grease
15	93-5475-03	1	Brake Latch ASM
16	93-5284-03	1	Arm-Brake, RH
17	33024-00	14	Nut-Lock
18	33094-00	10	Washer-Flat
19	93-5474-03	1	Lever-Brake, RH
20	33124-020	10	Screw-CARR
21	93-5551	2	Clevis
22	283-2	4	Pin-Clevis
23	3290-467	4	Pin-Hair
24	33114-020	1	Screw-HH
25	93-5568	1	Arm - Lock

Ref. No.	Part No.	Qty.	Description
26	93-5456-03	1	Pedal ASM-RH
27	93-8742	2	Footpad - Brake
29	93-5455-03	1	Pedal ASM-LH
30	33114-025	3	Screw-HH
31	322-4	1	Screw-HH
32	3218-2	1	Nut-Jam
33	3272-10	2	Pin-Cotter

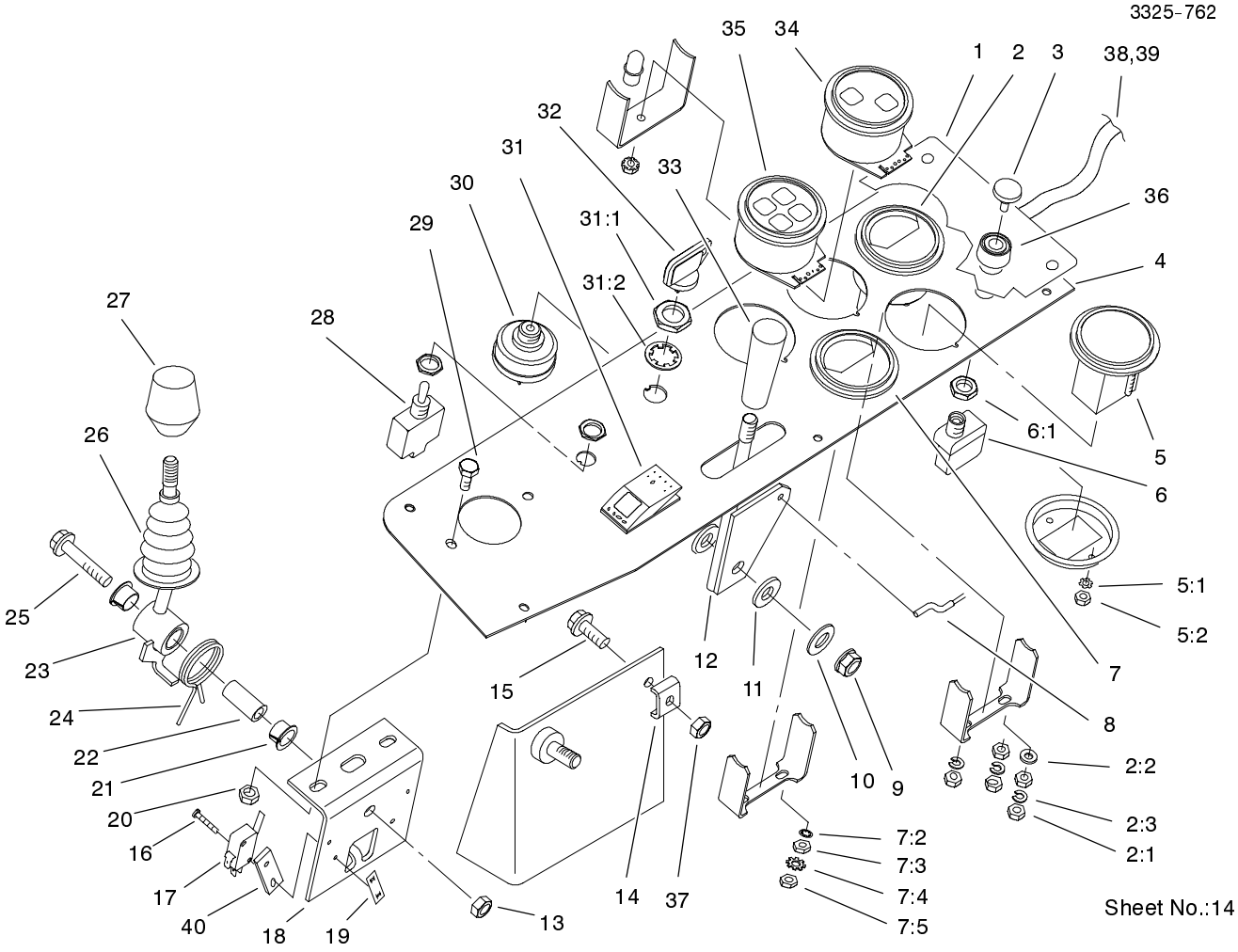


Sheet No.:13

Control Console and Tool Box Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5403-03	1	Cover - Console
2	93-5554	1	Hinge - Cover
3	33103-016	12	Screw-HHF
4	66-3050	2	Latch-Tool Box
5	93-5399-03	1	Console-LH
6	33003-00	3	Nut-HF
7	93-5620	1	Decal - Warning
8	93-5413	2	Strip-Foam
9	93-5414	2	Strip-Foam
10	93-8744	3	Pop - Rivet
11	93-5369-03	1	Console
12	3290-191	6	Nut-Speed
13	3250-14	6	Screw-PPH
14	116397	7	Relay
15	93-5949	2	Screw - Machine
16	74-2310	2	Clamp-Plastic
17	37-2690	2	Capacitor
19	93-5556	2	Screw - Knurled
20	93-5527-03	1	Panel - Access
21	93-5557	2	Retainer - Nylon
22	93-5558	2	Nut - Clip On
23	117433	4	Poprivet
24	94-1410	1	Holder-Can, Beverage
25	93-5637	2	Strip - Foam
26	94-6323	1	Decal-Operator Instruction, Ce

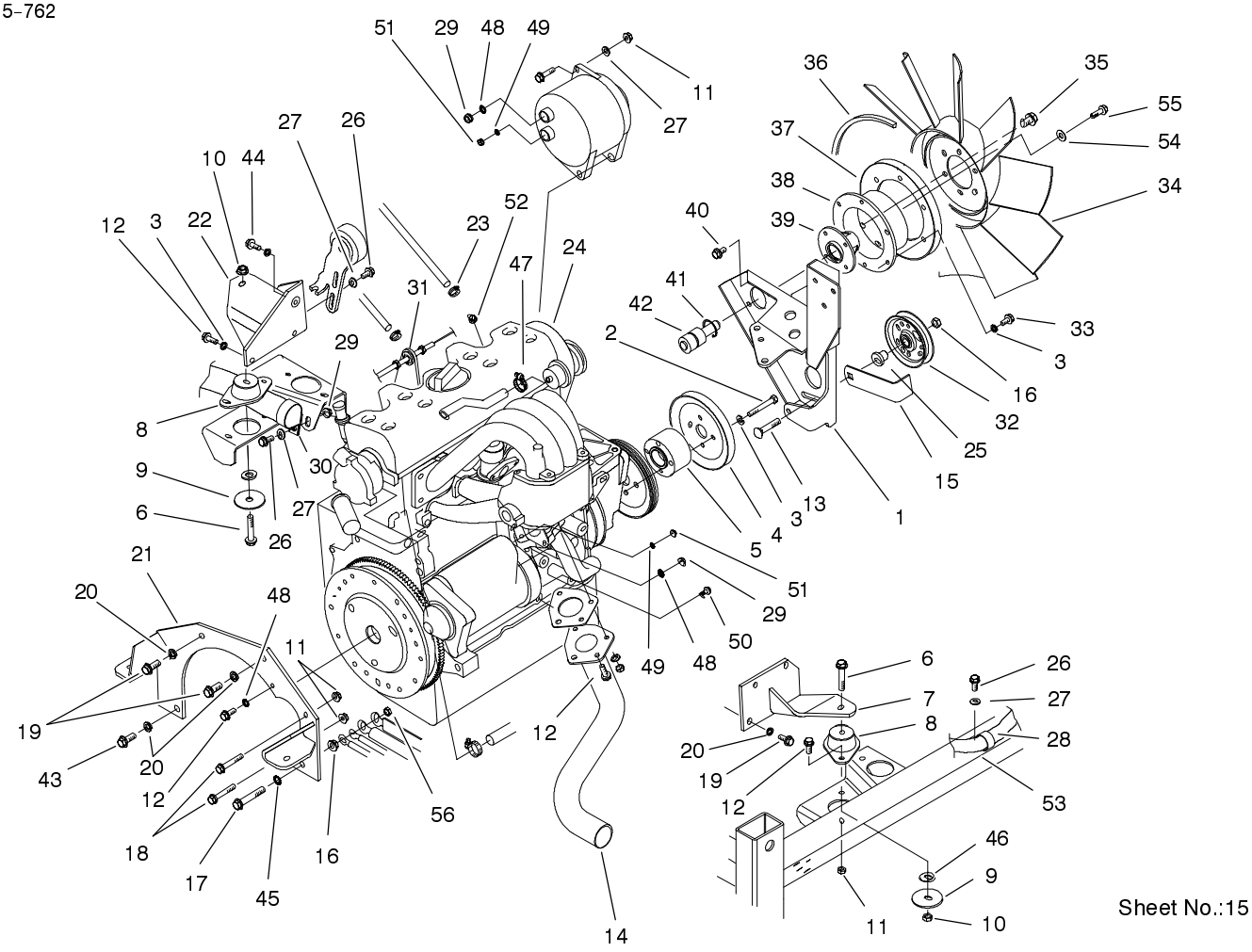
Ref. No.	Part No.	Qty.	Description
27	93-5624	1	Decal - Fuses, Ce
28	93-7252	1	Decal-International
30	93-5934	1	Decal - Service
30	94-8050	1	Decal - Service, Danish
30	94-8051	1	Decal - Service, Dutch
30	94-8052	1	Decal - Service, Finnish
30	94-8053	1	Decal - Service, French
30	94-8054	1	Decal - Service, German
30	94-8055	1	Decal - Service, Italian
30	94-8056	1	Decal - Service, Norweg
30	94-8057	1	Decal - Service, Portuge
30	94-8058	1	Decal - Service, Spanish
30	94-8059	1	Decal - Service, Swedish
31	93-5992	2	Plug - 1/2”
32	104-1476	1	Ring-Rubber



Control Console Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5425	1	Decal - Control, Dl
2	76-9060	1	Gauge-Temperature
2:1	3219-14	6	Nut-Hex
2:2	3253-2	5	Washer-Lock/Sp
2:3	3256-14	2	Washer-Flat
3	43-6280	1	Button-Push
4	93-5376-03	1	Plate-Control, Dsl
5	66-2950	1	Gauge-Hourmeter
5:1	3255-20	2	Washer-Lock
5:2	3217-25	2	Nut-Hex
6	72-9760	1	Switch
6:1	218-498	1	Locknut-Hex
7	66-2940	1	Gauge-Fuel
7:2	3254-1	2	Washer-Lock/Int
7:3	3217-27	2	Nut-Hex
7:4	3255-24	3	Washer-Lock/Ext
7:5	3217-16	3	Nut-Hex
8	93-5350	1	Cable-Throttle
9	95-1579	1	Nut-Lock
10	3256-24	1	Washer-Flat
11	66-2920	2	Washer-Friction
12	93-5373	1	Lever-Throttle
13	33024-00	1	Nut-Lock
14	29-9550	1	Cable Clamp
15	33103-016	1	Screw-HHF
16	3290-329	4	Screw-PPH

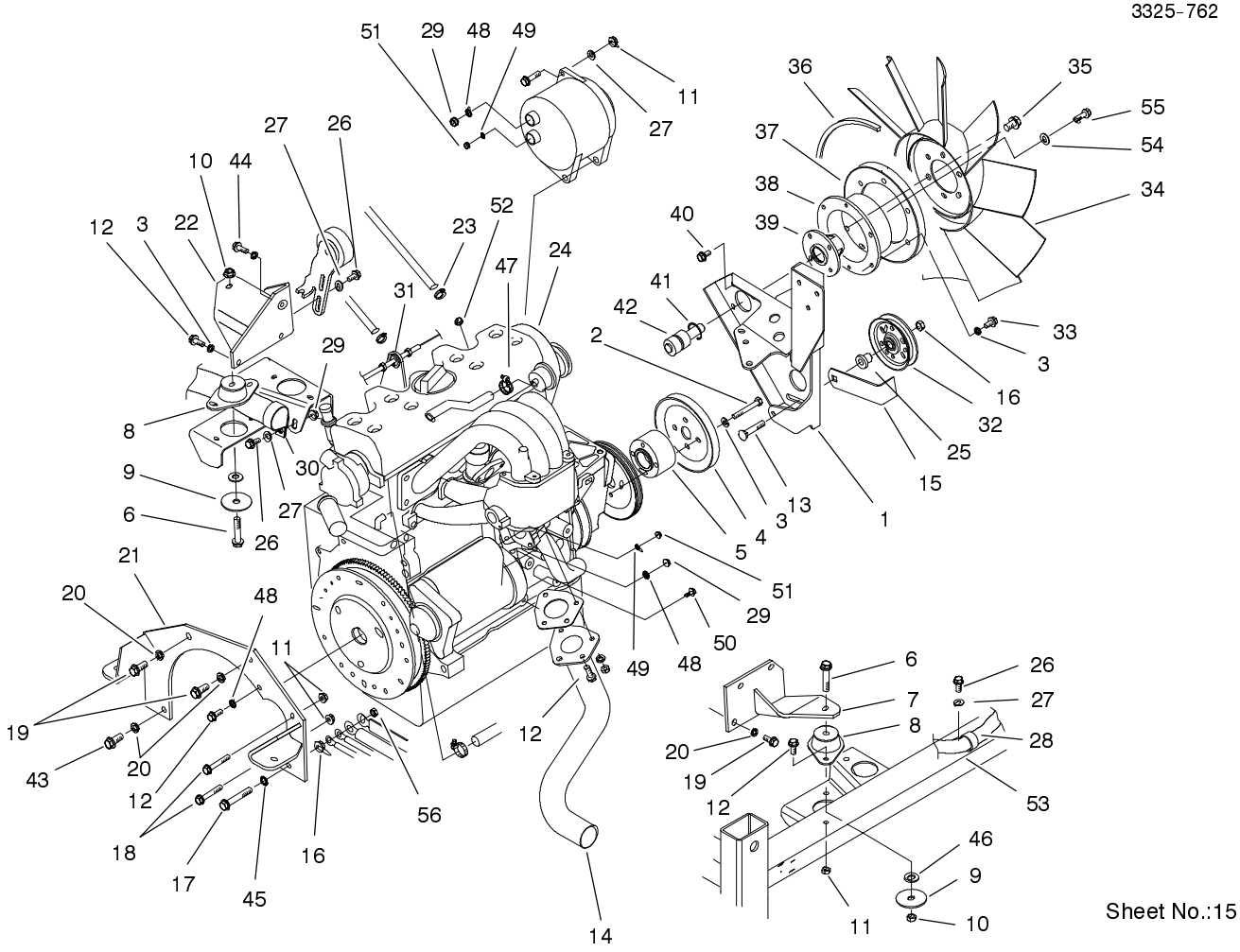
Ref. No.	Part No.	Qty.	Description
17	111332	2	Switch
18	93-5991-03	1	Bracket - Lift Lever
19	3290-354	2	Nut-Speed
20	33023-00	2	Nut-Lock
21	93-5547	2	Bushing - Nylon
22	93-5512	1	Spacer
23	93-5515-03	1	Lever
24	93-5509	1	Spring - Tension
25	33104-040	1	Screw-HHF
26	93-5961	1	Boot - Lever
27	233-37	1	Knob
28	93-5270	1	Switch - PTO
29	33103-016	2	Screw-HHF
30	27-2360	1	Switch-Key
30:1	218-446	1	Nut-Hex
30:2	218-447	1	Washer-Lock
31	93-5476	1	Switch-Carling
32	62-7770	1	Key-Ignition
33	233-39	1	Knob-Control
34	93-5481	1	Cluster-Warning Light
35	93-5478	1	Cluster-Warning Light
36	43-6420	1	Bezel
37	33003-00	1	Nut-HF
38	104-0130	1	Harness - Wire
39	104-0129	1	Harness - Wire
40	61-2990	2	Spacer



Engine and Fan Drive Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5166-03	1	Bracket-Fan
2	33114-060	4	Screw-HH
3	3253-4	13	Washer-Lock
4	93-5192-03	1	Pulley-Crank
5	93-5196	1	Spacer - Crank
6	57-6360	4	Screw-Clutch
7	93-5062-03	1	Mount-Engine, LH
8	93-5265	4	Mount-Engine
9	87-5100	4	Washer - Snubbing
10	33025-00	3	Nut-Lock
11	33024-00	11	Nut-Lock
12	33104-020	12	Screw-HHF
13	33125-040	1	Screw-CARR
14	93-5049	1	Pipe-Exhaust
15	93-5504-03	1	Lever
16	33005-00	2	Nut-Hex Flange
17	71-4690	1	Screw-HH
18	33104-050	2	Screw-HHF
19	33105-025	5	Screw-HHF
20	3253-6	6	Washer-Lock/Sp
21	93-5055-03	1	Plate-Engine, Front
22	93-5059-03	1	Mount-Engine, RH
23	2412-108	2	Clamp-Worm
24	93-5389	1	Peugeot Engine
25	93-5197	1	Spacer-Idler
26	33114-020	4	Screw-HH

Ref. No.	Part No.	Qty.	Description
27	3256-23	5	Washer-Flat
28	2412-104	1	R Clamp
29	33004-00	3	Nut-HF
30	2412-147	1	Clamp
31	86-2990	2	Mount-Throttle Cable
32	66-5310-03	1	Pulley-Idler, V
33	33114-016	6	Screw-HH
34	93-5114	1	Fan-18”
35	33105-020	7	Screw-HHF
36	95-5618	1	V-Belt
37	96-1267-03	1	Pulley - Fan, 7.375
38	93-5545	1	Hub - Fan
39	93-5187	1	Fan Hub
40	33104-016	4	Screw-HHF
41	32120-10	1	Ring-Snap
42	98-3578	1	Bearing
43	33105-035	1	Screw-HHF
44	33104-035	1	Screw-HHF
45	3255-9	1	Washer-Lock/Ext
46	33095-00	4	Washer-Flat
47	2412-36	2	Clamp-Hose
48	3255-8	3	Washer-Lock/Ext
49	3255-10	2	Washer-Lock/Ext
50	33103-016	2	Screw-HHF
51	48-7880	2	Nut-Hex
52	48-7870	1	Nut

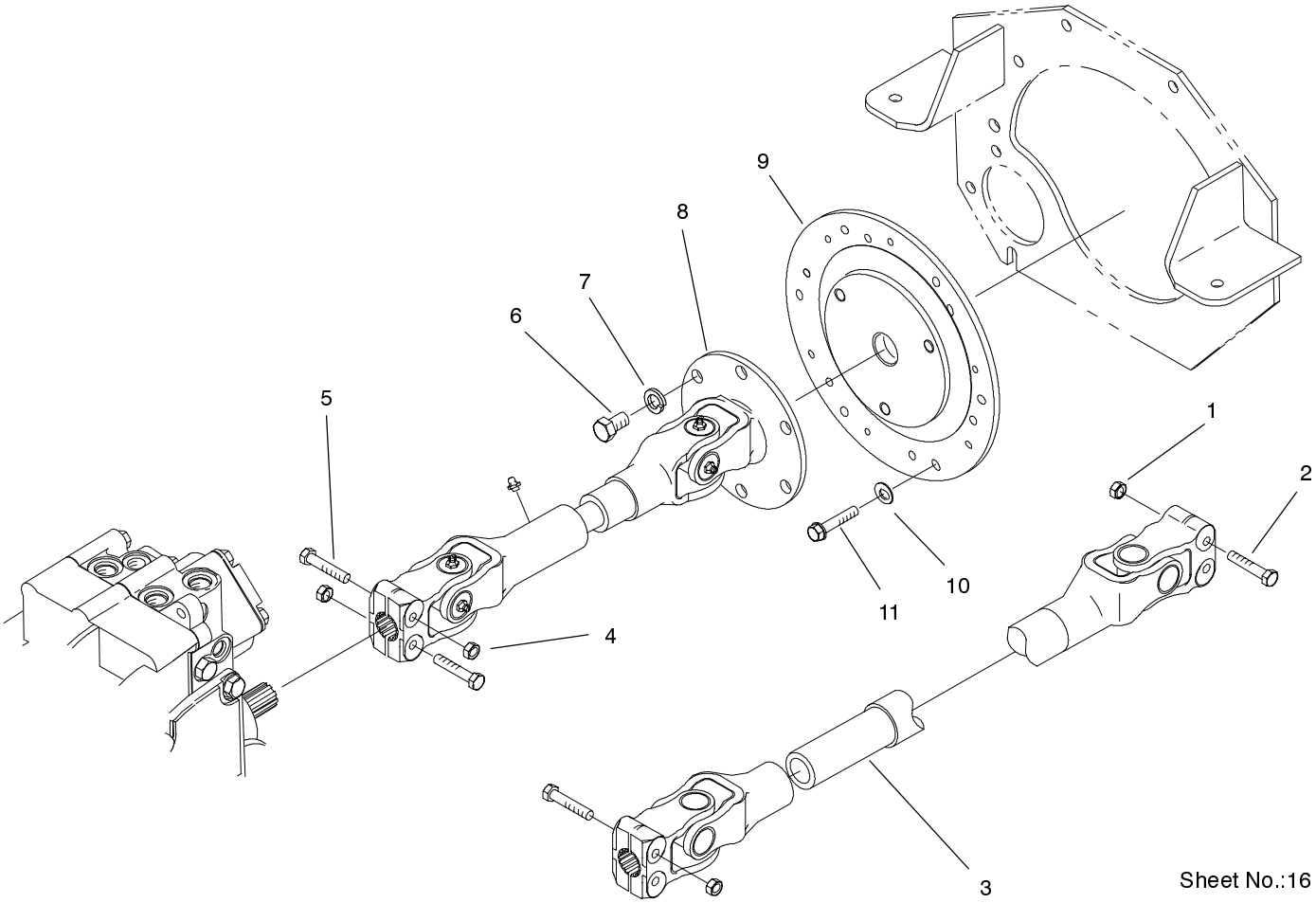


Sheet No.:15

Engine and Fan Drive Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
53	93-5450	1	Nut-Clinch
54	3256-24	1	Washer-Flat
55	3234-25	1	Bolt-Flange
56	33015-00	1	Nut-Hex

Ref. No.	Part No.	Qty.	Description

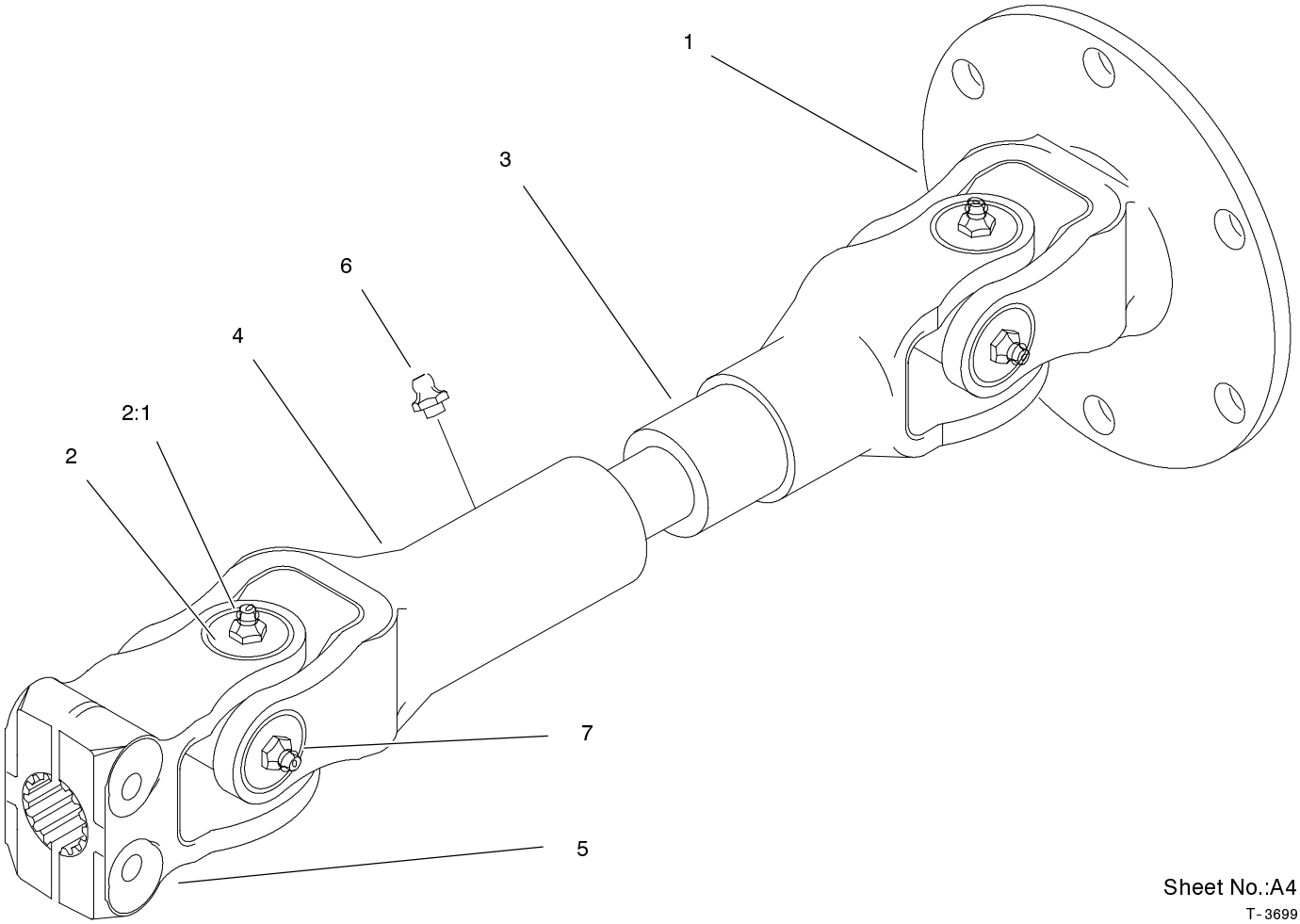


Sheet No.:16

Drive Shaft and Adapter Assembly

Ref. No.	Part No.	Qty.	Description
1	33024-00	4	Nut-Lock (only on: 30302tc)
2	33114-045	4	Screw-HH (only on: 30302tc)
3	93-5042	1	Driveshaft-4wd (only on: 30302tc)
4	33025-00	2	Nut-Lock
5	33115-045	2	Screw-HH
6	33106-020	3	Screw-HHF
7	3253-7	3	Washer-Lock
8	100-1353	1	Driveshaft - Engine
9	93-5043-03	1	Coupler - Engine
10	3253-4	6	Washer-Lock
11	93-5398	6	Screw-HH

Ref. No.	Part No.	Qty.	Description



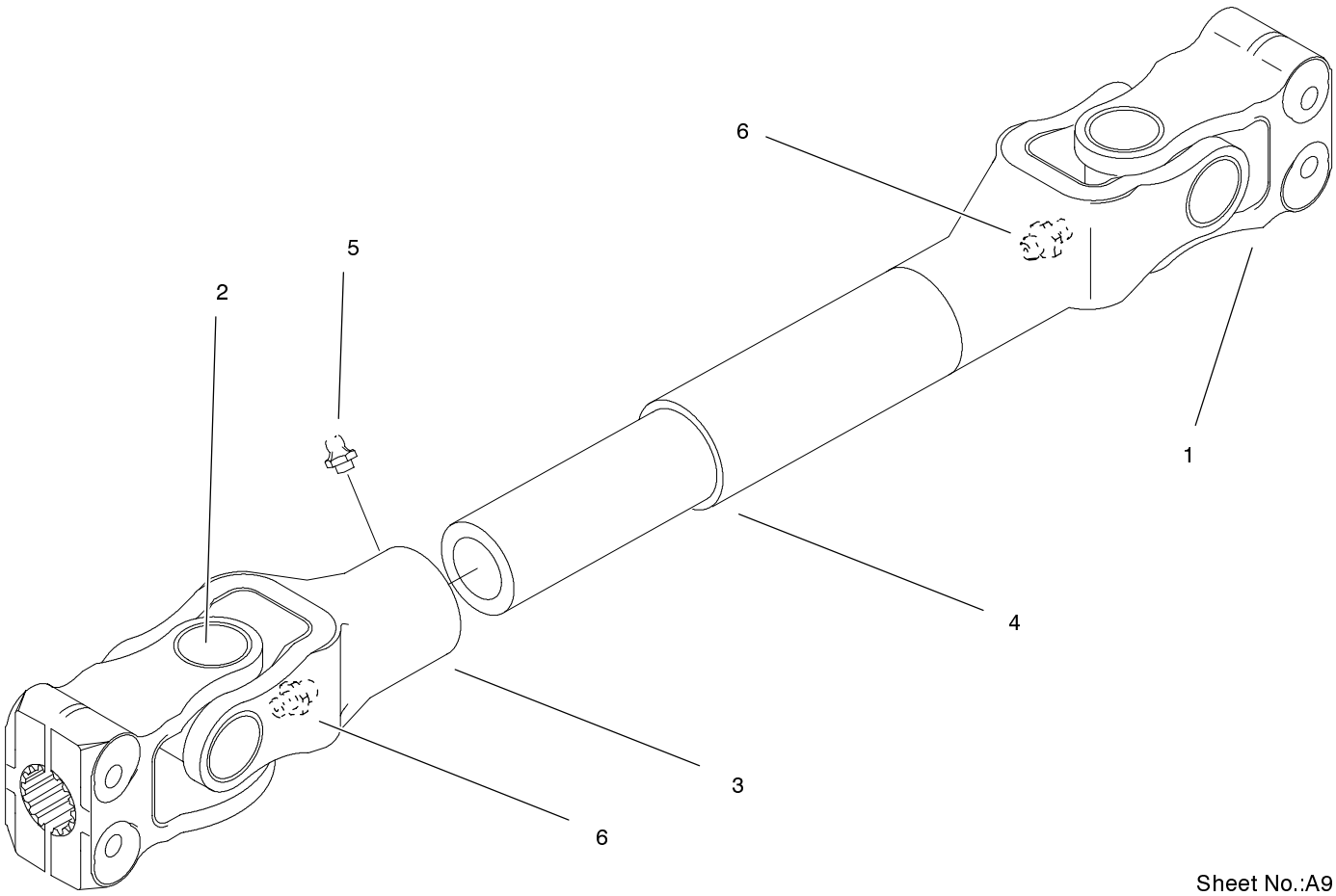
Sheet No.:A4

T-3699

Engine Drive Shaft Assembly No. 100-1353

Ref. No.	Part No.	Qty.	Description
1	95-2643	1	Yoke-Flange
2	95-2644	2	Cross & Bearing Kit
2:1	302-58	1	Fitting - Grease
3	95-2599	1	Yoke & Shaft
4	95-2600	1	Yoke-Slip
5	100-1354	1	Yoke-Clamp
6	302-5	1	Fitting-Grease
7	302-58	4	Fitting - Grease

Ref. No.	Part No.	Qty.	Description



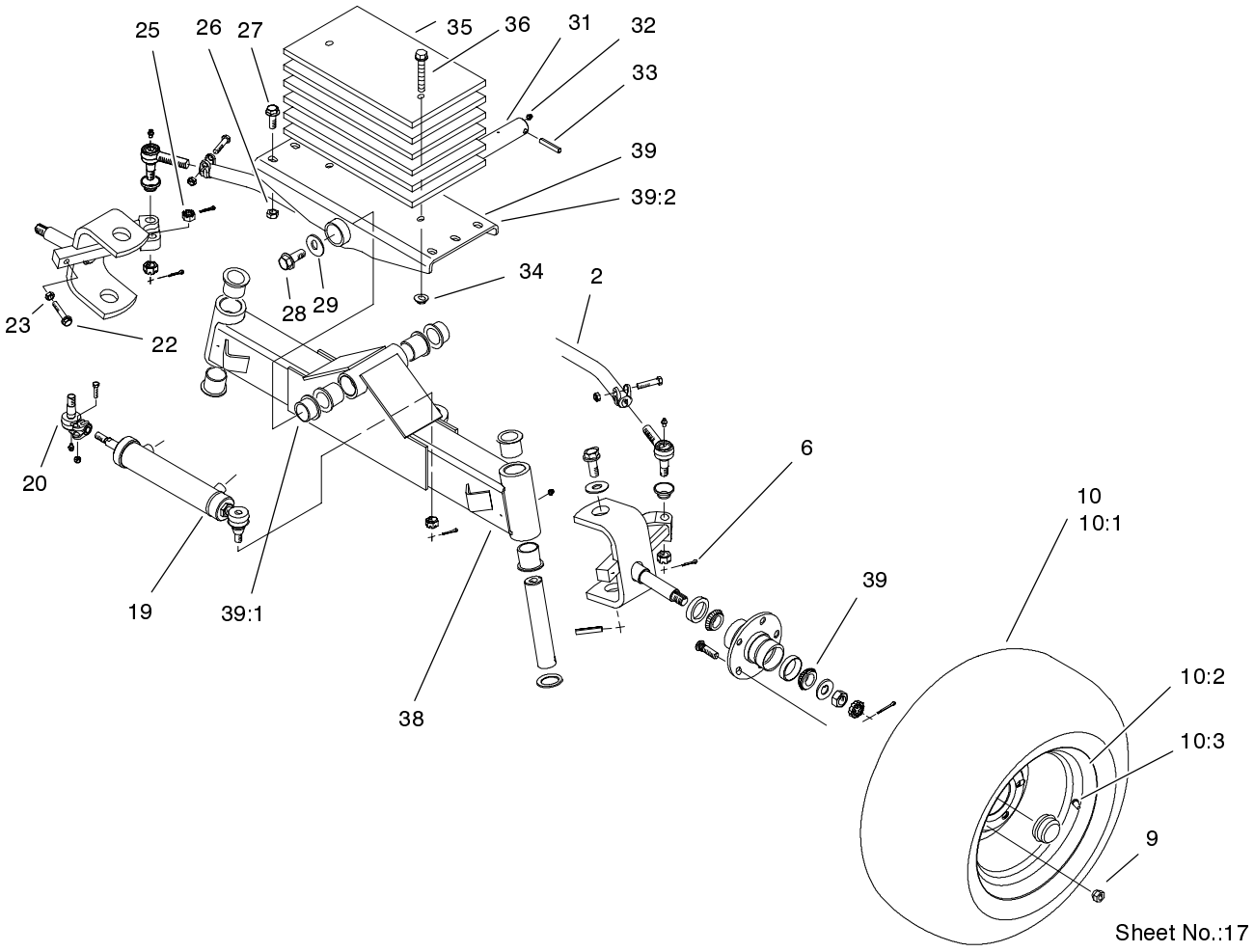
Sheet No.:A9

T-3700

4 WD Drive Shaft Assembly No. 93-5042

Ref. No.	Part No.	Qty.	Description
1	93-5560	2	Yoke - Clamp (only on: 30302tc)
2	93-5561	2	Cross & Bearing Kit (only on: 30302tc)
3	93-5564	1	Yoke & Shaft (only on: 30302tc)
4	93-5565	1	Yoke & Sleeve (only on: 30302tc)
5	302-5	1	Fitting-Grease (only on: 30302tc)
6	302-8	2	Fitting-Grease (only on: 30302tc)

Ref. No.	Part No.	Qty.	Description



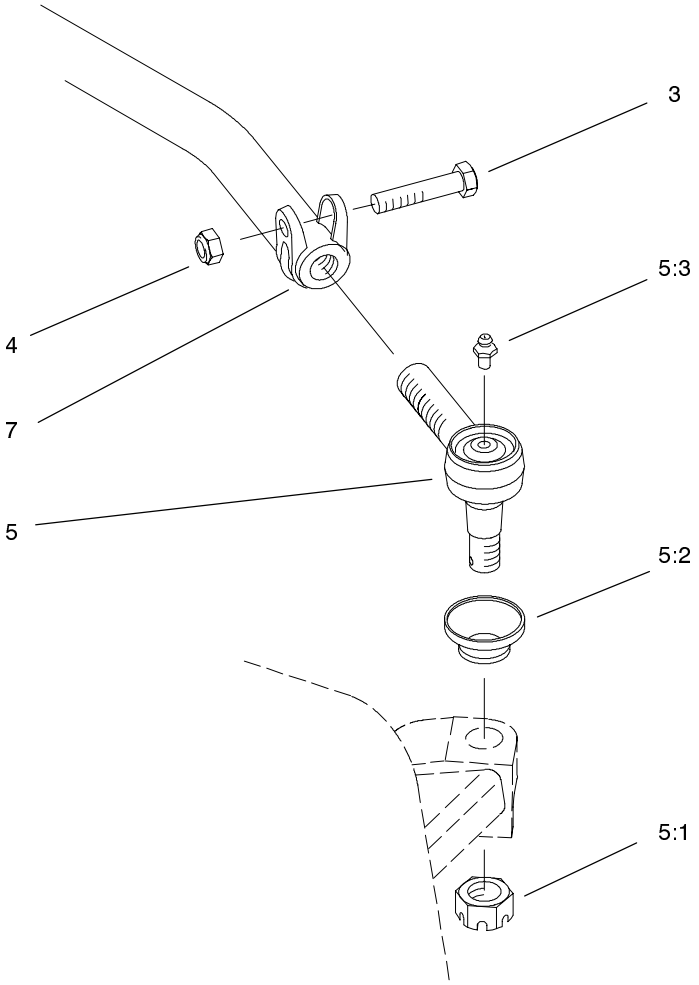
Sheet No.:17

2WD Rear Axle

Ref. No.	Part No.	Qty.	Description
2	104-0100-03	1	Rod-Tie
6	3272-11	4	Pin-Cotter
9	242-50	10	Nut - Lug (only on: 30301tc)
☆10		2	Tire & Wheel ASM
10:1	74-5560	1	Tire
10:2	217-122	1	Wheel ASM
10:3	232-27	1	Stem-Valve
19	93-5502	1	Steering Cylinder (only on: 30301tc)
20	92-5072-03	1	End-Rod, Ball Joint
22	33115-040	2	Screw-HH (only on: 30301tc)
23	33015-00	2	Nut-Hex (only on: 30301tc)
25	32136-13	1	Nut-Hex, Slotted
26	33026-00	6	Nut-Lock
27	33106-035	6	Screw-HHF
28	33108-035	1	Screw-HHF
29	3256-7	1	Washer-Flat
31	93-5142	1	Pin-Axle Pivot
32	302-2	1	Fitting-Grease
33	32121-110	1	Pin-Roll, Slotted
34	33006-00	2	Nut-Hex Flange (only on: 30301tc)

Ref. No.	Part No.	Qty.	Description
35	93-5983-03	6	Plate - Weight (only on: 30301tc)
36	33106-100	2	Screw-HHF (only on: 30301tc)
36	33114-020	2	Screw-HH (only on: 30302tc)
☆38		1	Axle ASM (only on: 30301tc)
☆39		1	Axle Pivot ASM
39:1	93-4510	2	Bushing-Castor
39:2	95-4411-03	1	Pivot-Axle

☆ Not serviced

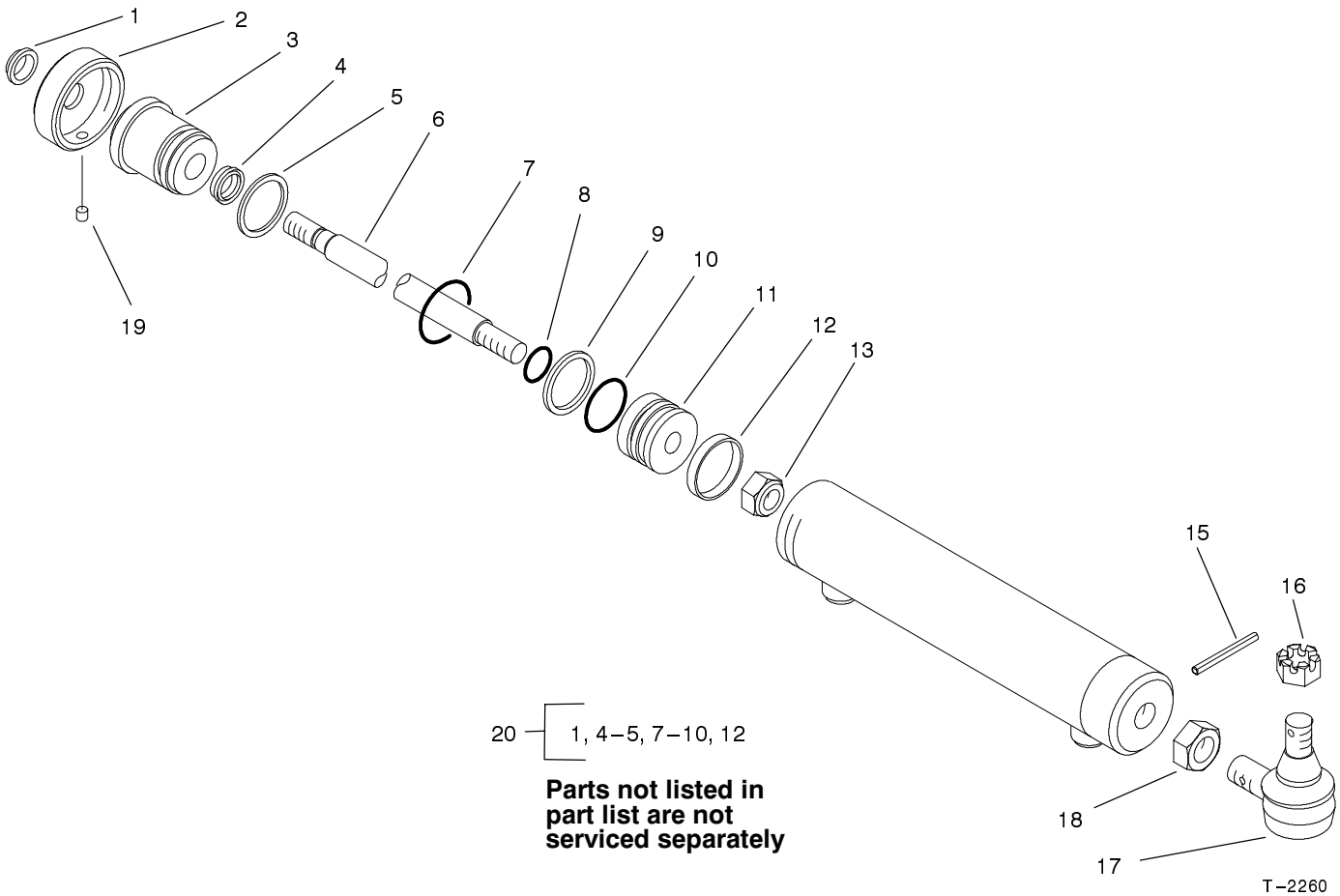


Sheet No.:A5
T-3701

Tie Rod Assembly No. 104-0100-03

Ref. No.	Part No.	Qty.	Description
3	323-9	2	Screw-HH
4	3296-39	2	Nut-Lock, NI
5	71-4740	2	End-Tie Rod
5:1	32136-13	1	Nut-Hex, Slotted
5:2	71-4760	1	Seal
5:3	302-55	1	Zerk
7	93-5169	1	Tube & Clamp ASM

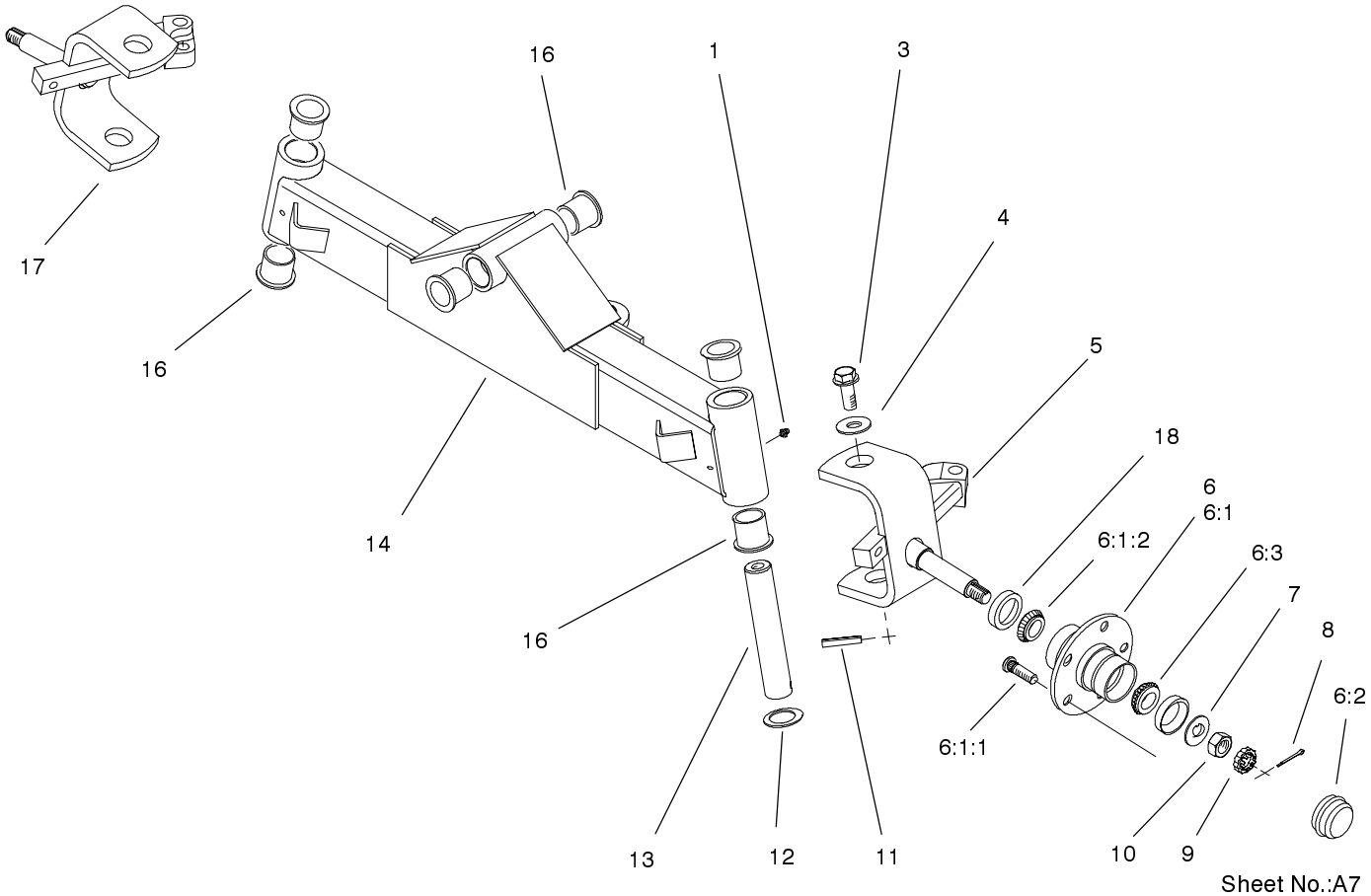
Ref. No.	Part No.	Qty.	Description



Steering Cylinder Assembly No. 93-5502

Ref. No.	Part No.	Qty.	Description
2	92-5705	1	Thread-Cap (only on: 30301tc)
3	92-5706	1	Thread-Cap Head (only on: 30301tc)
6	93-5555	1	Rod (only on: 30301tc)
11	92-5703	1	Piston (only on: 30301tc)
13	88-3590	1	Nut-Lock (only on: 30301tc)
15	32121-44	1	Pin - Roll (only on: 30301tc)
16	32136-13	1	Nut-Hex, Slotted (only on: 30301tc)
17	82-5730	1	End-Tie Rod (only on: 30301tc)
18	82-5740	1	Nut-Jam (only on: 30301tc)
19	92-5708	1	Screw-Thread Cap (only on: 30301tc)
20	92-5707	1	Seal Repair Kit (only on: 30301tc)

Ref. No.	Part No.	Qty.	Description



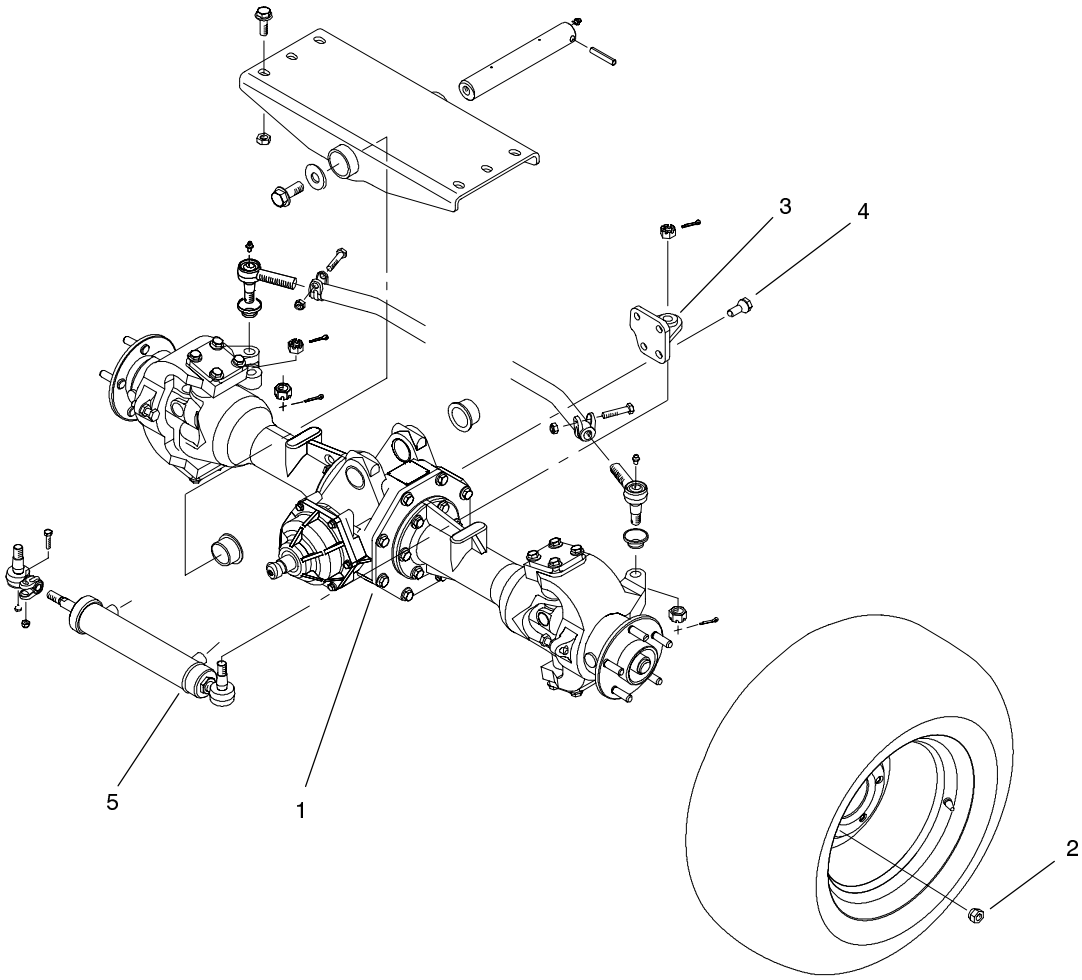
Sheet No.:A7

T-3702

Axle Assembly (Model 30301TC Only)

Ref. No.	Part No.	Qty.	Description
1	302-5	2	Fitting-Grease
3	33108-035	2	Screw-HHF
4	3256-7	4	Washer-Flat
5	95-2629-03	1	Spindle ASM, LH
6	95-2645	2	Hub ASM - Wheel
6:1	21-2820	1	Hub ASM
6:1:1	10-6830	5	Stud-Type, Drive
6:1:2	254-72	2	Bearing-Taper/Cup
6:2	241-119	1	Cap-Dust
6:3	95-2646	2	Bearing Cone
7	93-0309	2	Washer - Tab
8	3272-13	2	Pin-Cotter
9	93-0307	2	Nut Retainer-Lock
10	3220-7	2	Nut-Jam
11	32121-110	2	Pin-Roll, Slotted
12	62-2170	2	Washer-Thrust
13	93-5503	2	Pin - Spindle Pivot
14	93-5121-03	1	Axle-Rear
16	69-6470	6	Bushing-Castor
17	95-2628-03	1	Spindle ASM, RH
18	95-2647	2	Seal - Hub

Ref. No.	Part No.	Qty.	Description

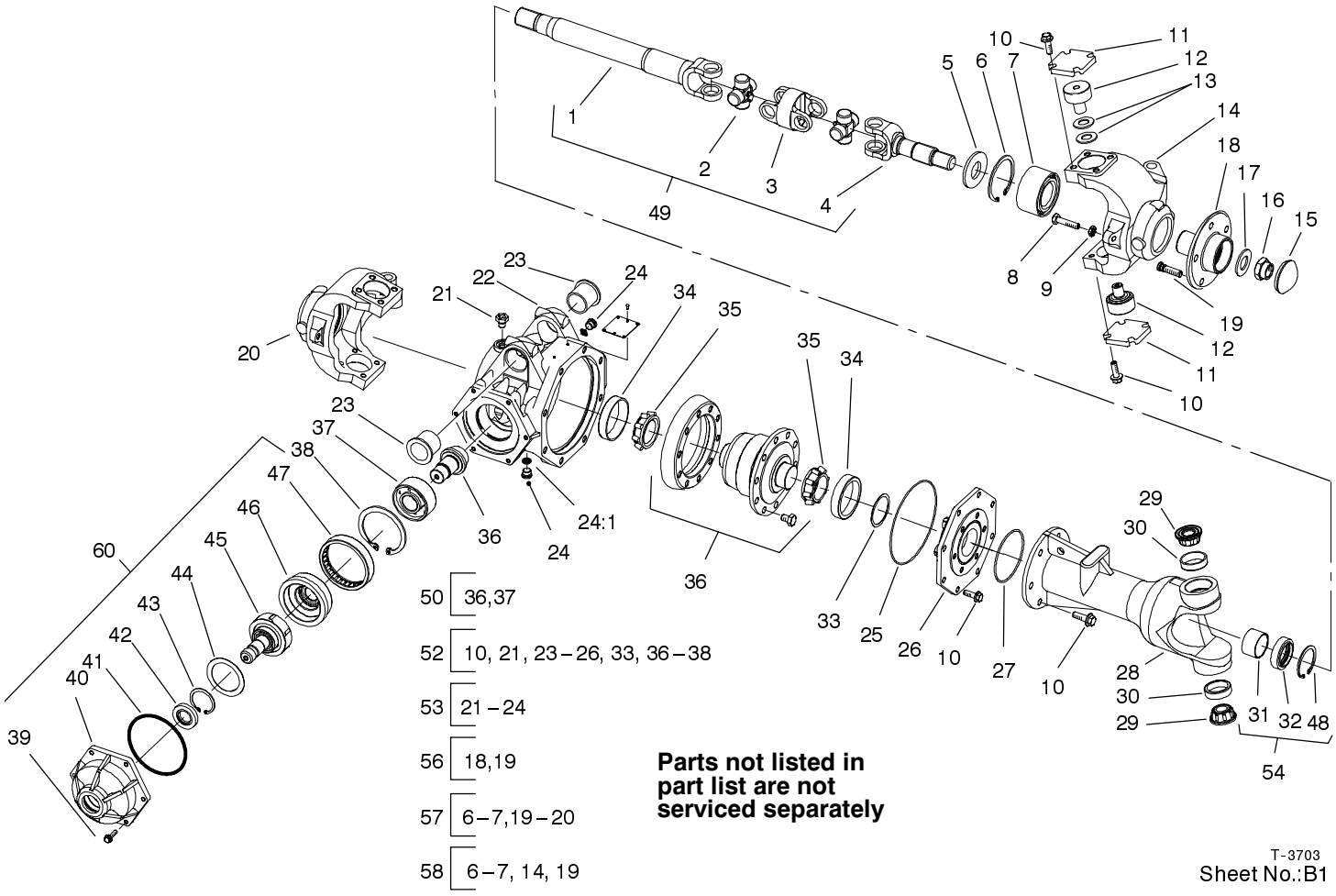


Sheet No.:18

4WD Rear Axle Assembly (Model 30302TC Only)

Ref. No.	Part No.	Qty.	Description
1	95-2592	1	Axle - Rear, 4wd
2	93-5268	10	Nut-Lug
3	93-5436-03	1	Anchor-Cylinder
4	93-5444	4	Screw-Tapered
5	93-5962	1	Cylinder - Steering

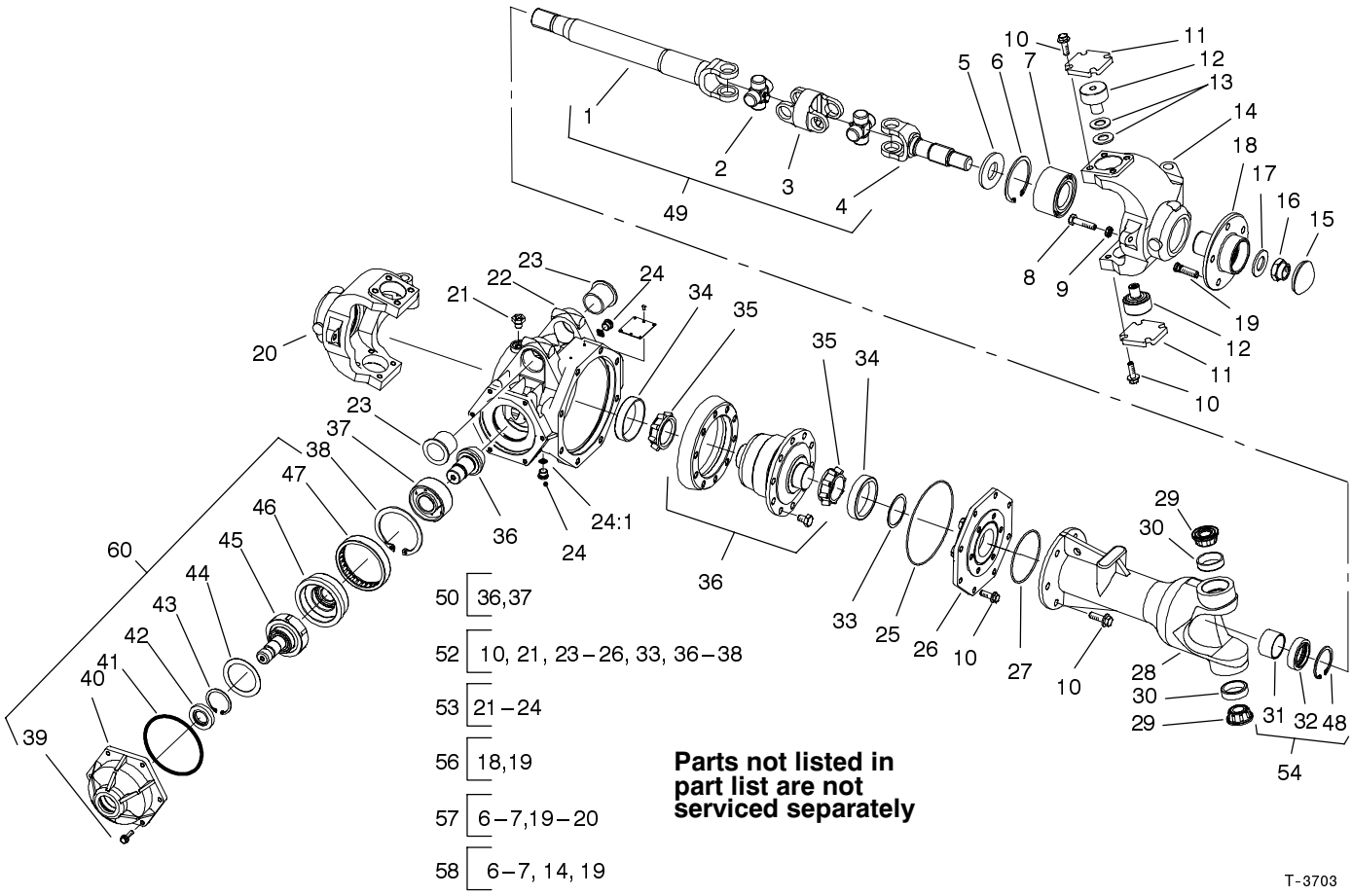
Ref. No.	Part No.	Qty.	Description



4WD Rear Axle Assembly No. 95-2592 (Model 30302TC Only)

Ref. No.	Part No.	Qty.	Description
1	95-0650	2	Yoke - Inboard Shaft
2	95-0651	4	Kit - Cross & Bearing
3	95-0652	2	Yoke - Double Pivot
4	95-0653	2	Yoke - Outboard Shaft
5	94-4037	2	Washer
6	93-5964	2	Ring - Retaining
7	94-4030	2	Wheel Bearing ASM
8	33105-050	2	Screw-HHF
9	33015-00	2	Nut-Hex
10	33105-030	36	Screw-HHF
11	94-4119	4	Cover - Kingpin
12	94-4121	4	Trunnion - Kingpin
13	94-4126	4	Washer-Spring
14	94-4116	1	Flange - Spindle, LH
15	95-0654	2	Cap - Dust
16	94-4079	2	Nut- Hex Lock,M24 Din9856
17	94-4034	2	Washer
19	94-4143	10	Stud - Wheel
20	94-4115	1	Flange - Spindle, RH
21	94-3998	1	Vent-Breather
23	69-6470	2	Bushing-Castor
24	353-989	2	Plug-Hex, Hollow
24:1	237-42	1	O-Ring

Ref. No.	Part No.	Qty.	Description
25	94-4129	1	O-Ring
26	94-4114	1	Cover - Side
27	94-4131	2	O-Ring
31	94-4127	2	Bearing - Journal
32	94-4128	2	Seal - Lip
33	94-9187	1	Kit-Differential
36	94-4120	1	Differential ASM
37	94-4130	1	Bearing-Ball
38	69-3200	1	Ring-Retaining
39	33103-025	6	Screw-HHF
40	94-4134	1	Housing - Clutch
41	94-4132	1	O-Ring
42	94-3925	1	Seal-Lip
43	94-4029	1	Ring-Retaining, Int.
44	94-4137	1	Washer - Thrust
45	95-2590	1	Clutch - Bidoc
46	94-4138	1	Race - Clutch
47	94-4136	1	Bearing - Needle
48	94-4133	2	Retaining Ring
49	94-4123	2	Joint - Universal
50	94-9185	1	ASM - Bevel Gear
51	94-9186	2	Kit-Differential Bearing
52	94-9188	1	ASM - Differential
53	94-9189	1	ASM - Differential



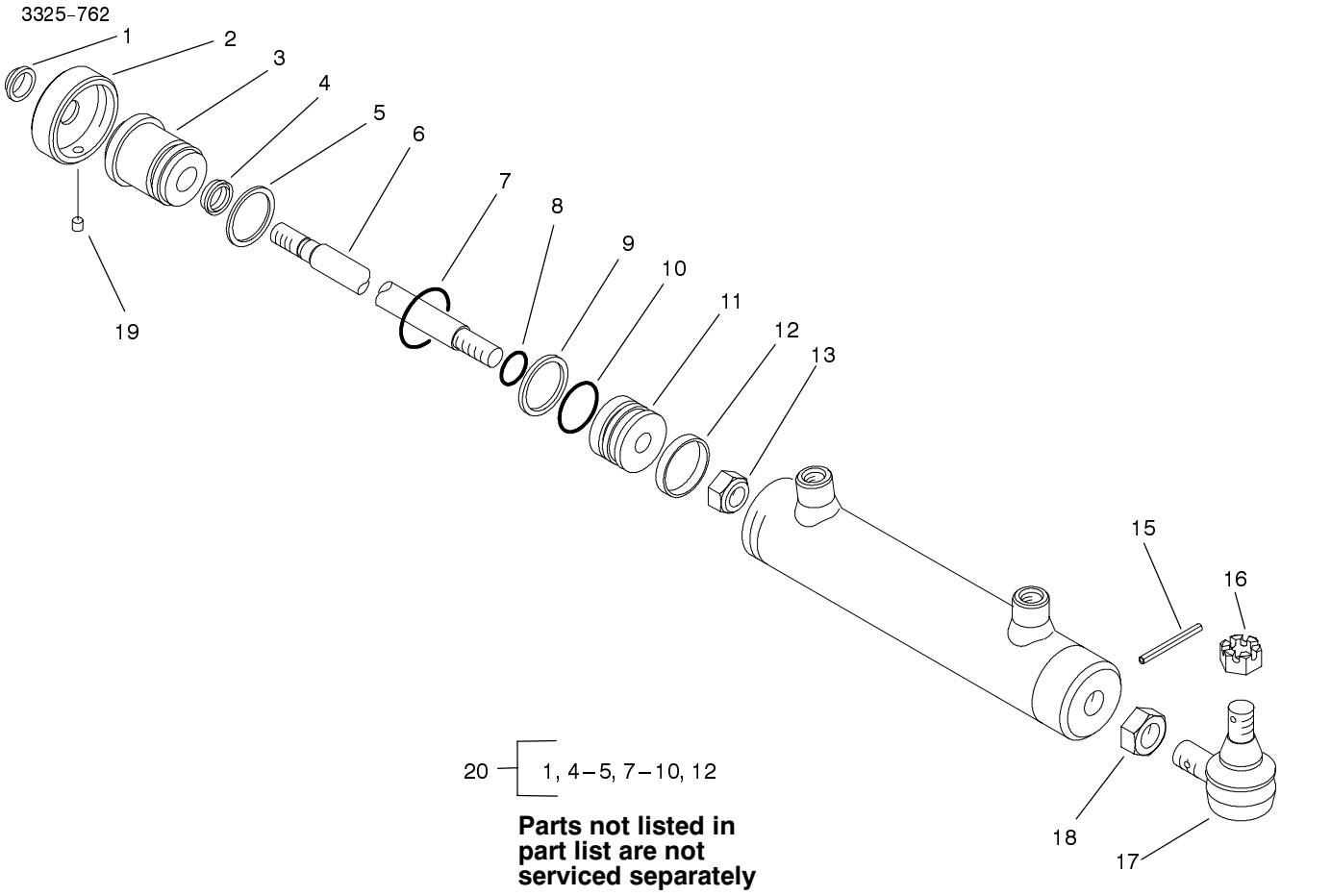
T-3703

Sheet No.:B1

4WD Rear Axle Assembly No. 95-2592 (Model 30302TC Only)

Ref. No.	Part No.	Qty.	Description
54	94-9190	2	ASM - Axle Housing
55	94-9191	4	Kit - Kingpin Bearing
56	94-9193	2	ASM - Wheel Hub
57	94-9194	1	RH Spindle Flange ASM
58	94-9195	1	ASM - LH Spindle Flange
59	94-9198	1	Kit - Overhaul Seal
60	95-2591	1	ASM - Over Running

Ref. No.	Part No.	Qty.	Description



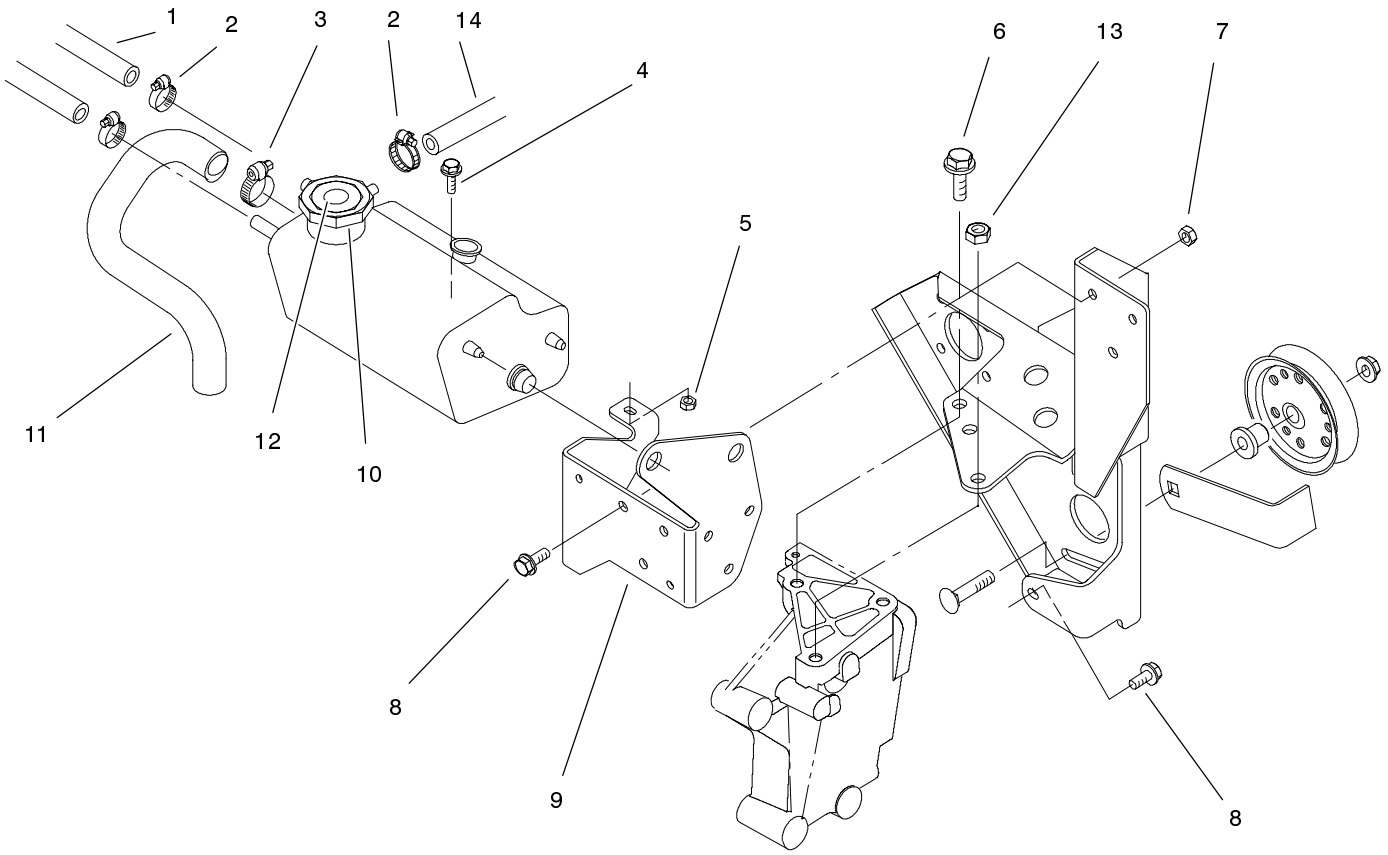
Sheet No.:B2

T–2432

Steering Cylinder Assembly No. 93-5962

Ref. No.	Part No.	Qty.	Description
2	92-5705	1	Thread-Cap (only on: 30302tc)
3	92-5706	1	Thread-Cap Head (only on: 30302tc)
6	93-5555	1	Rod (only on: 30302tc)
11	92-5703	1	Piston (only on: 30302tc)
13	88-3590	1	Nut-Lock (only on: 30302tc)
15	32121-44	1	Pin - Roll (only on: 30302tc)
16	32136-13	1	Nut-Hex, Slotted (only on: 30302tc)
17	82-5730	1	End-Tie Rod (only on: 30302tc)
18	82-5740	1	Nut-Jam (only on: 30302tc)
19	92-5708	1	Screw-Thread Cap (only on: 30302tc)
20	92-5707	1	Seal Repair Kit (only on: 30302tc)

Ref. No.	Part No.	Qty.	Description

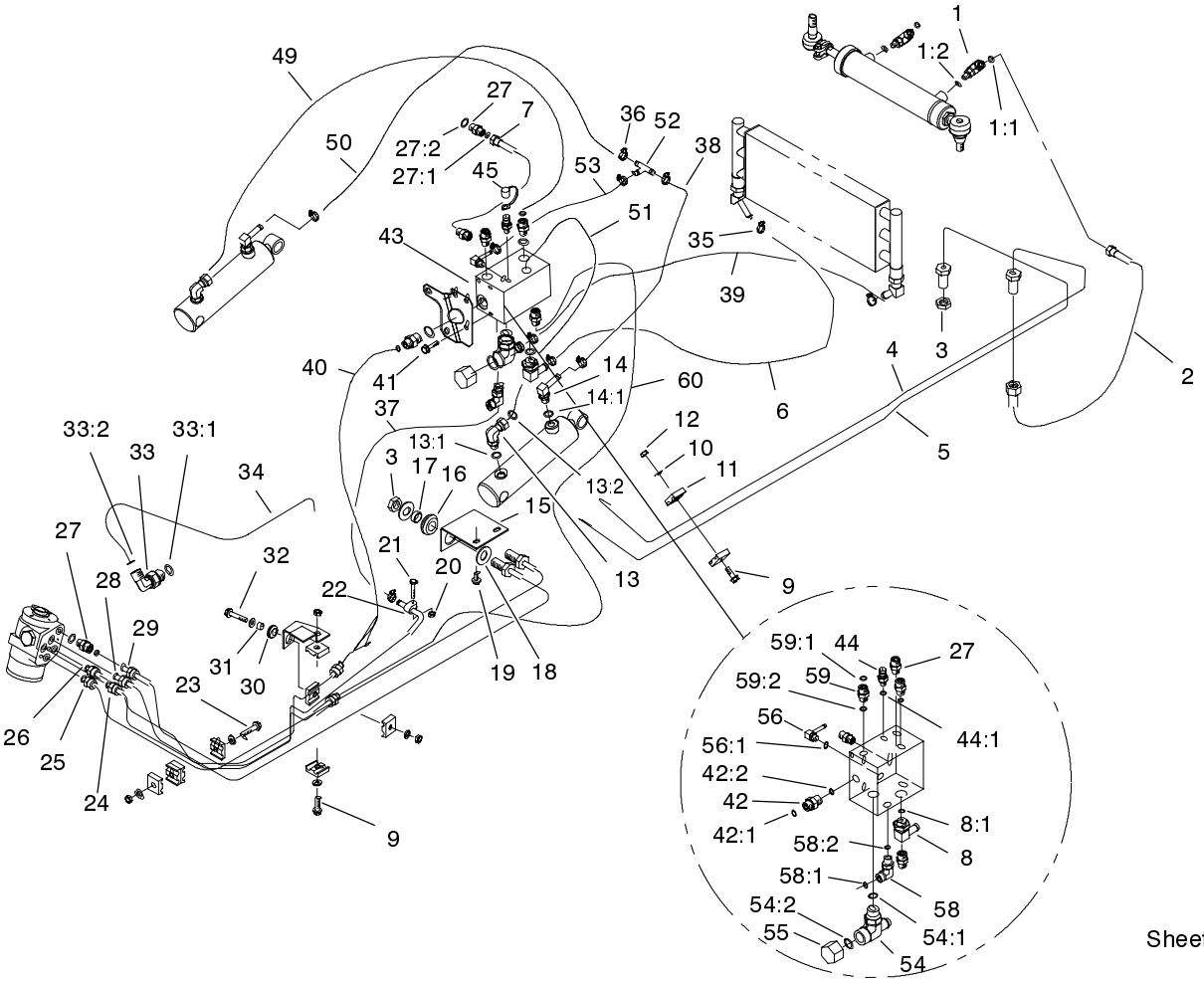


Sheet No.:19

Degasser Bottle and Mounting Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5539	1	Hose - Peugeot
2	2412-36	4	Clamp-Hose
3	2412-141	2	Clamp-Drive, Worm
4	33103-020	1	Screw-HHF
5	33023-00	1	Nut-Lock
6	33105-020	1	Screw-HHF
7	33024-00	3	Nut-Lock
8	33104-020	4	Screw-HHF
9	93-5096-03	1	Bracket-Degasser
10	66-3240	1	Cap-Radiator
11	93-5536	1	Hose - Degasser
12	93-7840	1	Decal-Cap, Radiator
13	33025-00	1	Nut-Lock
14	47-2967	1	Hose-Gas

Ref. No.	Part No.	Qty.	Description

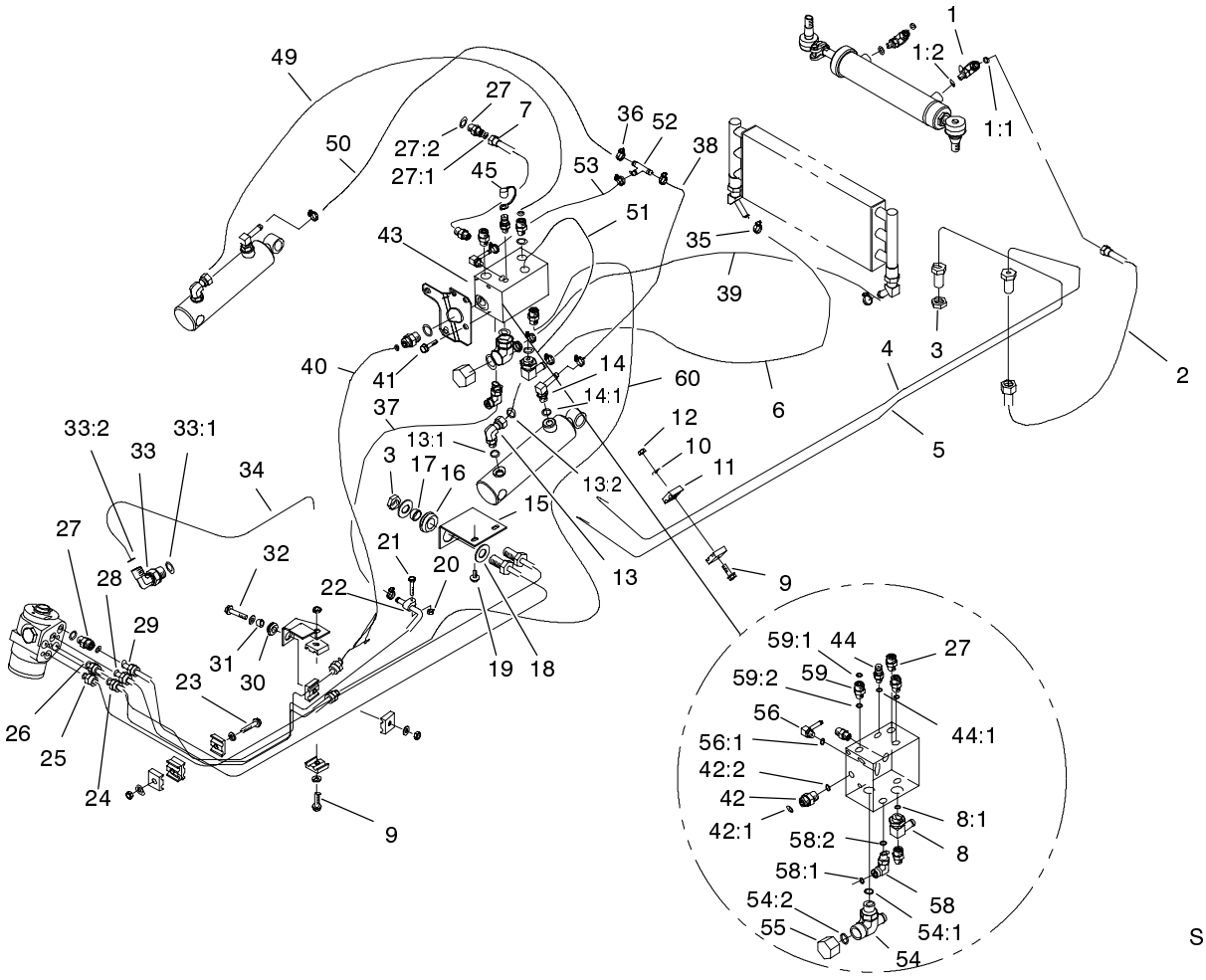


Sheet No.:20

Hydraulic Plumbing Assembly

Ref. No.	Part No.	Qty.	Description
1	340-97	2	Fitting-Hyd, 90
1:1	237-22	1	O-Ring
1:2	237-78	1	O-Ring
2	93-5353	2	Hose ASM
3	340-70	4	Locknut-Bulkhead
4	93-5571	1	Tube - Hydraulic
5	93-5572	1	Tube - Hydraulic
6	95-0954	1	Hose
7	95-0950	1	Hose ASM
8	354-128	1	Elbow-90 DEG
8:1	237-80	1	O-Ring
9	33104-035	2	Screw-HHF
10	3256-23	6	Washer-Flat
11	56-7973	10	Clamp-Tube
12	33024-00	4	Nut-Lock
13	340-77	2	Fitting-90 DEG
13:1	237-22	1	O-Ring
13:2	237-42	1	O-Ring
14	354-135	2	Fitting-Hyd 90 DEG
14:1	237-42	1	O-Ring
15	93-5587-03	1	Bracket - Bulkhead
16	240-4	2	Grommet-Rubber
17	69-8970	2	Spacer
18	69-8940	4	Washer
19	33104-016	2	Screw-HHF
20	33023-00	1	Nut-Lock

Ref. No.	Part No.	Qty.	Description
21	33113-035	1	Screw-HH
22	2412-114	1	Clamp - Single 3/8”
23	33114-060	1	Screw-HH
24	93-5574	1	Tube - Hydraulic
25	93-5576	1	Tube - Hydraulic
26	93-5575	1	Tube - Hydraulic
27	340-2	10	Adapter
27:1	237-22	3	O-Ring
27:2	237-42	3	O-Ring
28	93-5577	1	Tube - Hydraulic
29	93-5573	1	Tube - Hydraulic
30	93-5108	1	Grommet - Rubber
31	93-5109	1	Spacer
32	33104-040	1	Screw-HHF
33	340-105	1	Fitting-90 DEG
33:1	237-80	1	O-Ring
33:2	237-30	1	O-Ring
34	95-0975	1	Tube - Hyd
35	2412-141	4	Clamp-Drive, Worm
36	2412-36	7	Clamp-Hose
37	95-0952	1	Hose
38	93-5358	1	Hose ASM
39	95-0955	1	Hose
40	93-5346	1	Hose ASM
41	33104-025	3	Screw-HHF
42	340-2	1	Adapter

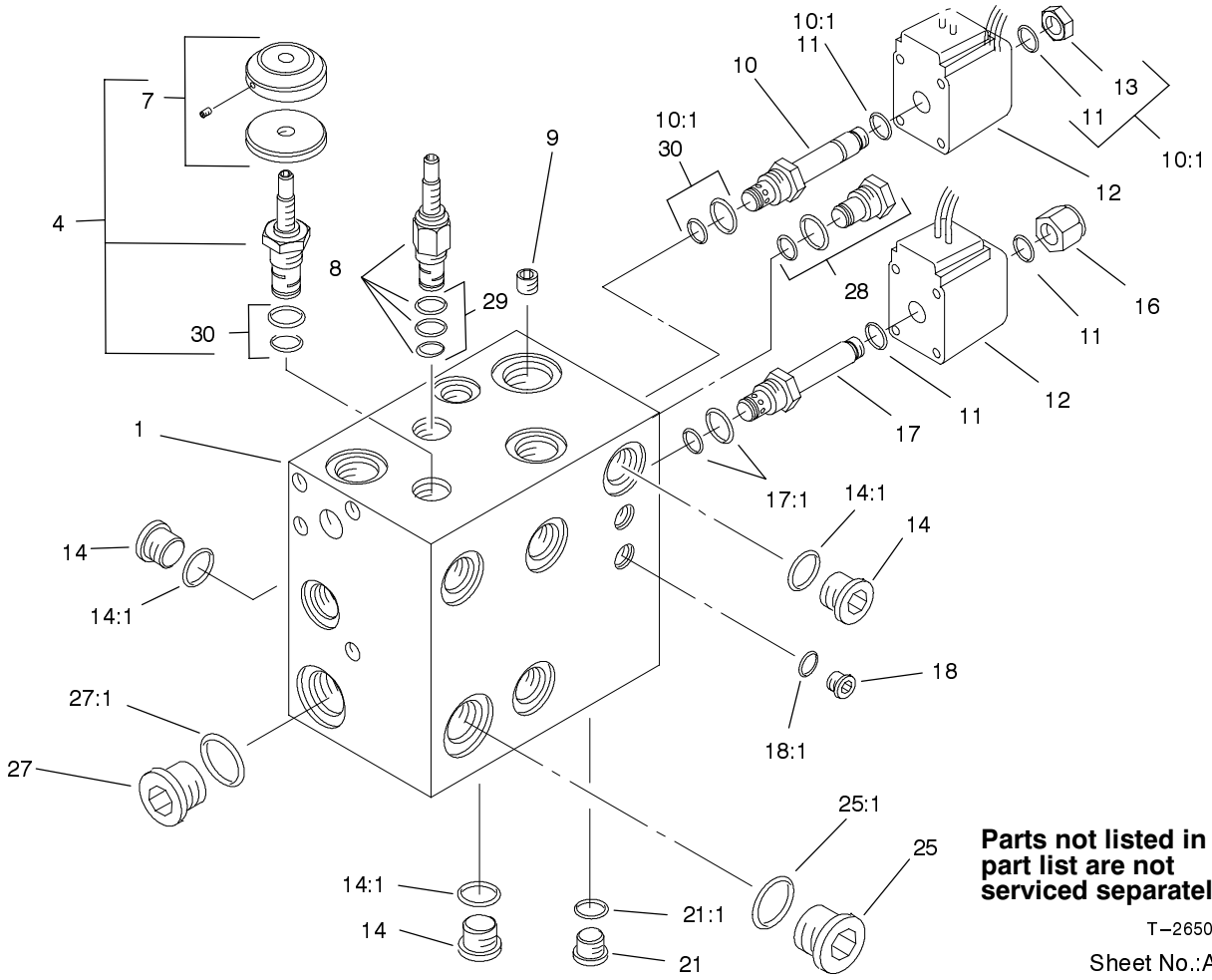


Sheet No.:20

Hydraulic Plumbing Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
42:1	237-22	1	O-Ring
42:2	237-42	1	O-Ring
43	94-9291	1	Manifold - Hyd
44	354-77	1	Fitting-Quick
44:1	237-78	1	O-Ring
45	353-947	1	Cap-Dust, Rubber
49	93-5386	1	Hose ASM
50	93-5357	1	Hose ASM
51	93-5385	1	Hose ASM
52	354-107	1	Fitting-Hydraulic, Tee
53	95-0953	1	Hose
54	94-9295	1	Fitting - Special
54:1	237-80	1	O-Ring
54:2	237-58	1	O-Ring
55	95-0979	1	Fitting - Straight
56	354-135	1	Fitting-Hyd 90 DEG
56:1	237-42	1	O-Ring
58	340-77	1	Fitting-90 DEG
58:1	237-22	1	O-Ring
58:2	237-42	1	O-Ring
59	340-5	1	Fitting-Straight
59:1	237-42	1	O-Ring
59:2	237-30	1	O-Ring
60	95-0951	1	Hose ASM

Ref. No.	Part No.	Qty.	Description



Parts not listed in part list are not serviced separately

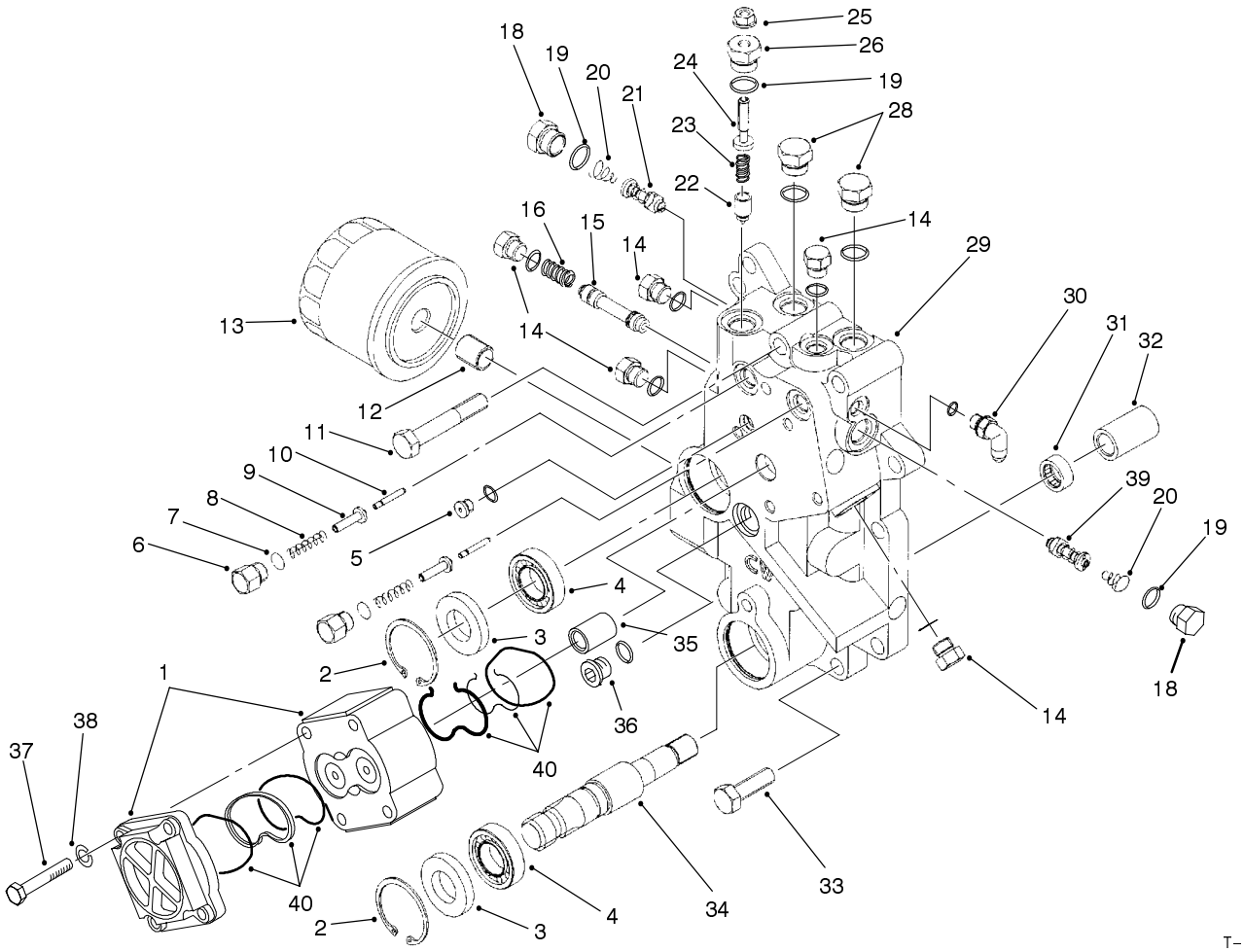
T–2650

Sheet No.:A8

Manifold Assembly No. 94-9291

Ref. No.	Part No.	Qty.	Description
4	93-5944	1	Valve - Needle
7	93-5948	1	Kit - Knob
8	93-5943	1	Valve - Logic, Adj
9	95-5941	1	Plug - Orifice
10	92-6315	1	Cartridge-N.c. Poppet
10:1	69-4230	1	Kit-Seal
11	94-5438	4	Seal-Solenoid
12	88-9190	2	Kit-Coil, Solenoid
13	3219-10	1	Nut-Hex
14	353-989	6	Plug-Hex, Hollow
14:1	237-42	1	O-Ring
17	93-7494	1	Cartridge
17:1	75-2080	1	Seal Kit
18	353-991	5	Plug-Hex, Hollow
18:1	237-156	1	O-Ring
21	353-990	1	Plug
21:1	237-78	1	O-Ring
25	354-70	1	Plug-Hex, Hollow
25:1	237-80	1	O-Ring
27	353-988	1	Plug-Hex, Hollow
27:7	237-79	1	O-Ring
28	95-7480	1	Plug - Cavity
29	69-4240	1	Seal Kit
30	75-2080	1	Seal Kit
31	95-7003	1	Plug-Orifice (Optional)

Ref. No.	Part No.	Qty.	Description

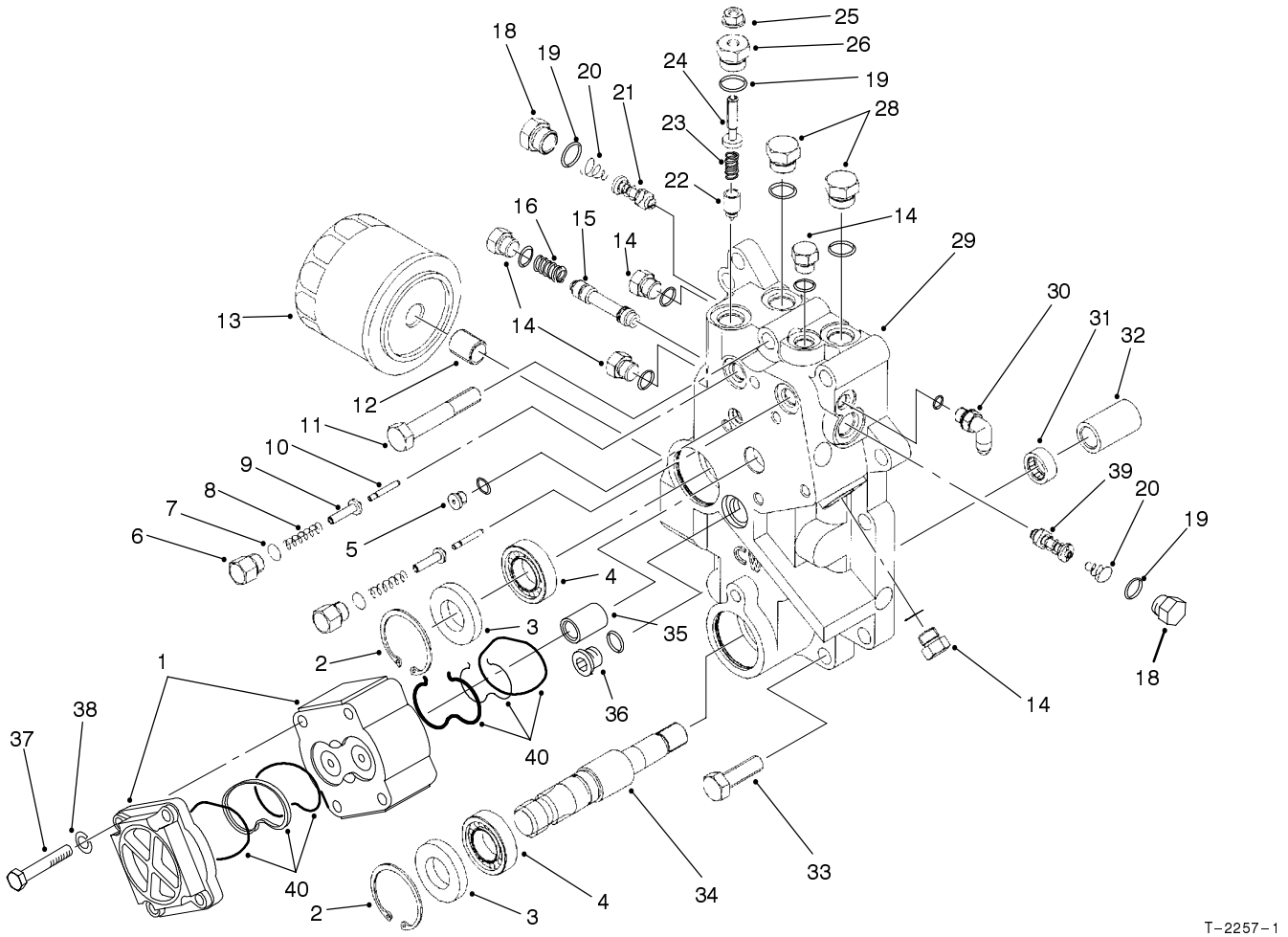


T-2257-1

Front Axle Center Section Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3968	1	Pump-Gear (Incl. Ref. #37, 38 & 40)
2	94-4029	2	Ring-Retaining
3	94-3925	2	Seal-Lip
4	94-3942	2	Bearing-Ball
5	75-0170	1	Plug ASM
6	94-3986	2	Plug-HH
7	94-3987	2	O-Ring
†8		2	Spring
†9		2	Sleeve ASM
1†0		2	Piston
11	94-3999	2	Screw
12	25-2660	1	Union-Filter
13	94-3951	1	Filter
14	69-3940	5	Plug ASM
†15		1	Spool
†16		1	Spring-Helical
18	75-0190	2	Plug
19	75-0240	3	O-Ring
20	75-0140	2	Spring-Conical
21	94-3979	2	Valve (6000 psi)
†22		1	Cone-Valve, Relief
†23		1	Spring-Helical
†24		1	Screw-Adjusting
25	94-4017	1	Nut
26	94-3990	1	Plug-Relief, Implement
28	28-3440	2	Plug ASM
†29		1	Center Section
30	94-4075	1	Elbow
31	94-4021	1	Bearing
32	94-4023	1	Coupling-Drive, 4-Wheel
33	94-4020	8	Screw
34	94-4022	1	Shaft-Drive, 4-Wheel
35	94-3922	1	Coupling-Pump, Gear
36	94-9172	1	Plug ASM
37	94-9182	4	Screw
38	94-9183	4	Washer
39	84-0540	1	Valve (5000 psi)
40	94-9184	1	Kit-Seal, Gear Pump
*	95-7033	1	Center Section ASM (Incl. Ref. #5-10, 12, 14-29 & 31)
*	94-9168	1	Implement Relief Valve ASM (Incl. Ref. #19 & 22-26)
*	94-9169	1	Kit-Valve, SCR (6000 psi) (Incl. Ref. #18-21)

* Not Illustrated
† Not Serviced Separately

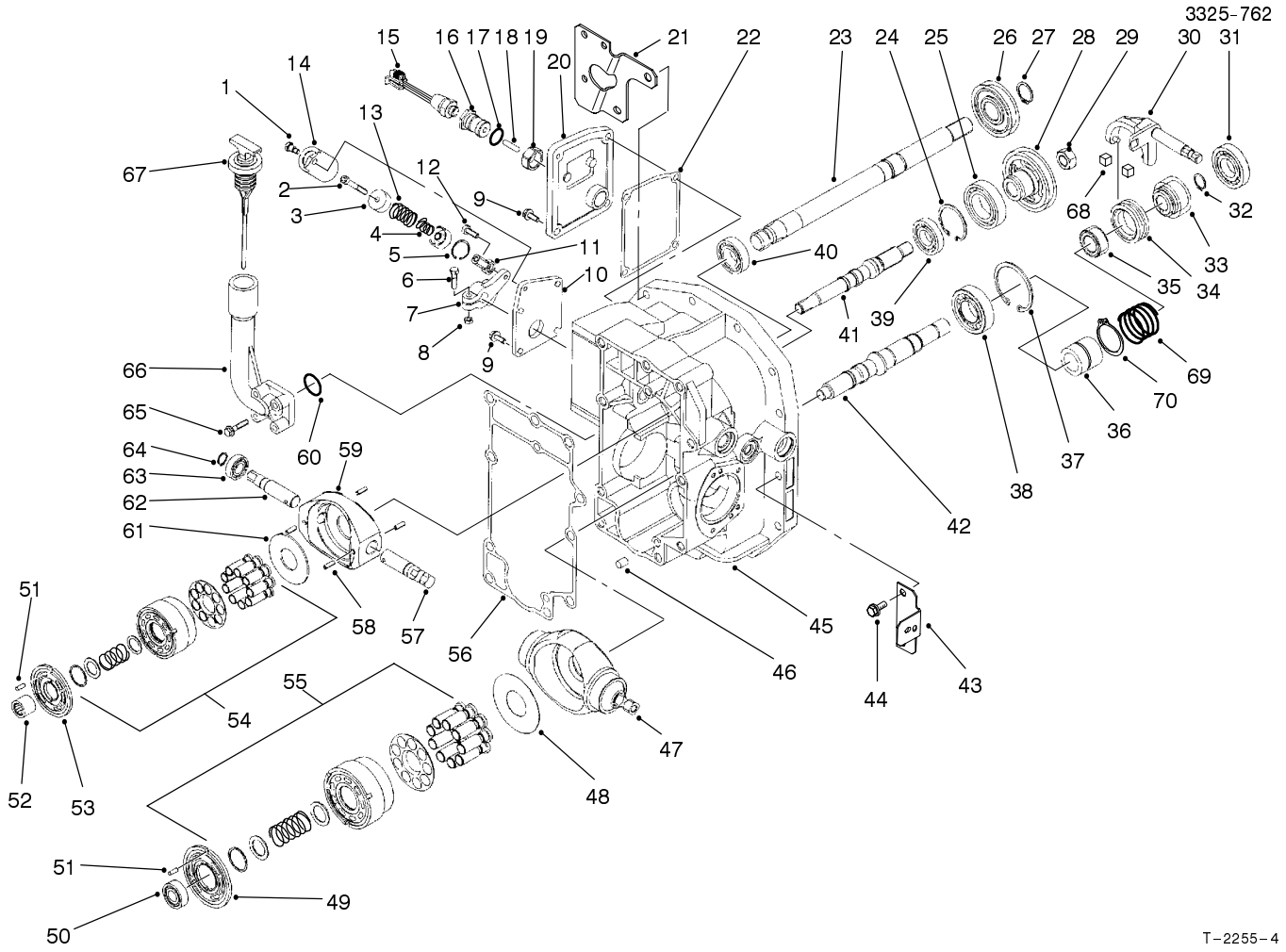


Front Axle Center Section Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
*	94-9170	1	Kit-Charge Press. Priority Valve (Incl. Ref. #14-16)
*	94-9171	1	Kit-Valve, Easy Ride (Incl. Ref. #6-10)

Ref. No.	Part No.	Qty.	Description

* Not Illustrated

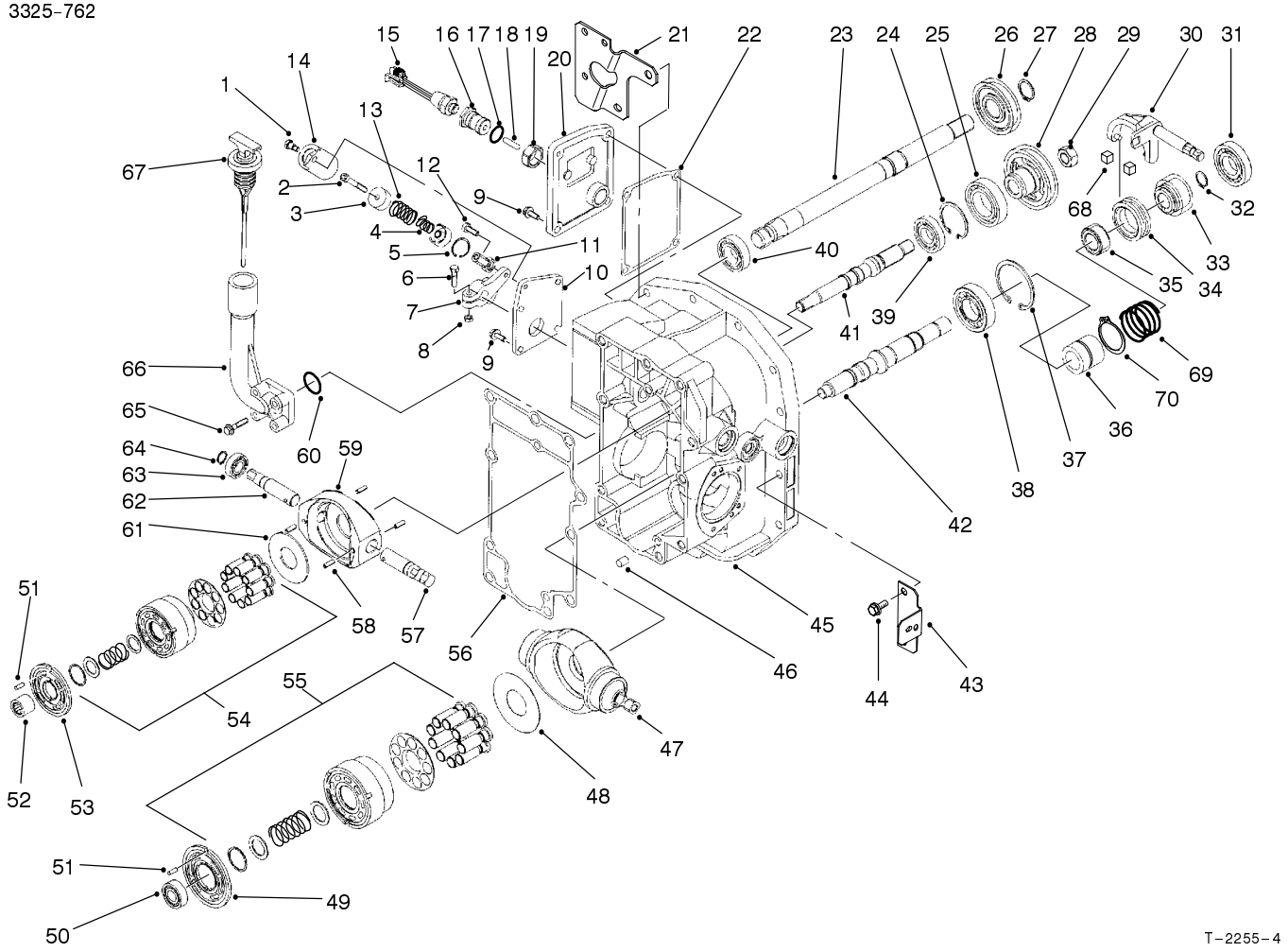


Hydraulic Housing Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3928	1	Screw-HH, Shoulder
†2		1	Screw-Head, Socket
†3		2	Seat-Spring
†4		1	Spring-Compression
†5		1	Ring-Retaining
6	94-3940	1	Screw-HH
†7		1	Handle-Return, Neutral
8	94-3936	1	Nut-Lock
9	94-4002	8	Screw-HHF
†10		1	Plate-Return, Neutral
†11		1	End-Rod, Female
12	94-3927	1	Screw-HH
†13		1	Spring-Compression
†14		1	Housing-Return, Neutral
15	95-7034	2	Switch
16	94-4045	1	Adjuster-Threaded
17	28-3570	1	O-Ring
18	94-4046	1	Pin
19	94-4044	1	Nut-Hex
20	94-3943	1	Cover-Return, Neutral
21	94-9282	1	Bracket-Balance, Counter
22	94-3944	1	Gasket-Return, Neutral

Ref. No.	Part No.	Qty.	Description
23	94-3901	1	Shaft-Input
24	94-4029	1	Ring-Retaining
25	94-3971	1	Bearing-Ball
26	94-3903	1	Pinion-Drive, Pump
27	94-3994	1	Ring-Retaining
28	94-3905	1	Gear-Drive, Pump
29	94-3953	1	Nut-Lock
30	95-7875	1	Yoke-2 Speed
31	251-8	1	Bearing
32	94-3963	1	Ring-Retaining
33	94-3919	1	Pinion-Drive, Final
†34		1	Coupling-Gear, Change
†35		1	Coupling-2 Speed
36	95-2728	1	Spacer-Drive, Final
37	94-3997	3	Ring-Retaining
38	84-0310	1	Bearing
39	94-3960	1	Bearing-Ball
40	94-3942	1	Bearing-Ball
41	94-3904	1	Shaft-Pump
42	94-3906	1	Shaft-Motor
43	93-5381	1	Bracket
44	94-4004	23	Screw-HHF

† Not Serviced Separately

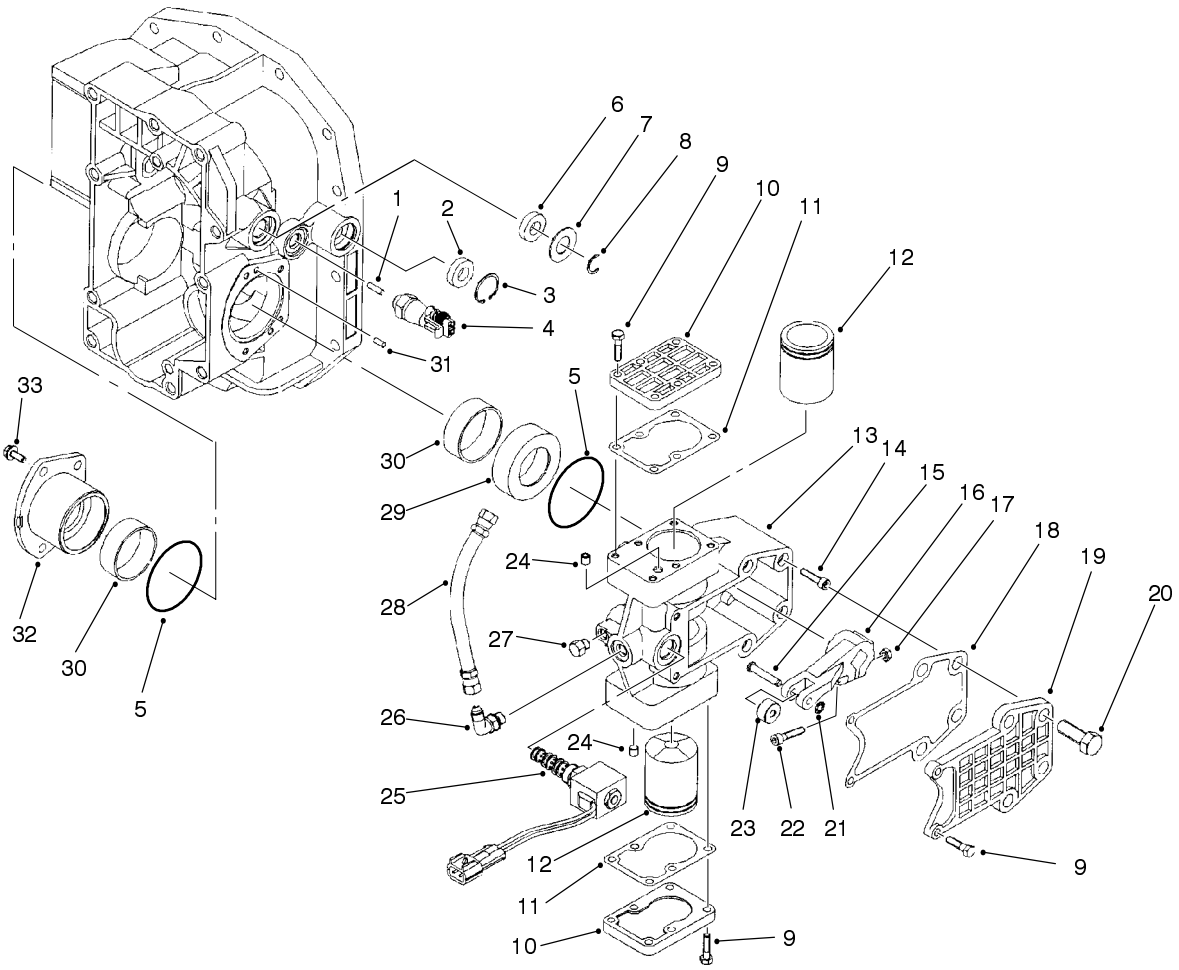


Hydraulic Housing Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
45	95-7038	1	Housing-Motor, Variable
46	94-3975	2	Pin
47	94-4058	1	Swashplate-Variable
48	75-0400	1	Plate-Thrust
49	94-3921	1	Plate-Valve, Motor
50	94-3956	1	Bearing-Ball
51	94-3974	2	Pin
52	94-3957	1	Bearing-Needle
53	94-3973	1	Plate-Valve, Pump
54	48-1800	1	Kit-Block, Cylinder
55	75-0470	1	Kit-Block, Cylinder
56	94-3992	1	Gasket-Section, Center
57	94-3946	1	Shaft-Trunnion
58	32121-91	4	Pin
59	94-3967	1	Swashplate-Pump, Variable
60	94-4051	1	O-Ring
61	94-3978	1	Plate-Thrust
62	94-3934	1	Shaft-Trunnion
63	94-4040	1	Bearing-Ball
64	94-3932	1	Ring-Retaining
65	94-4050	4	Screw-HHF
66	94-4048	1	Housing-Dipstick
67	94-4049	1	Dipstick

Ref. No.	Part No.	Qty.	Description
68	95-7036	2	Guide-Slot
69	95-2730	1	Spring
70	95-2729	1	Ring-Retaining
*	93-5969	1	Neutral Return ASM (Incl. Ref. #1-14)
*	93-5971	1	Kit-Seal, Overhaul
*	94-4149	1	Gear Change Coupling ASM (Incl. Ref. #34 & 35)

* Not Illustrated

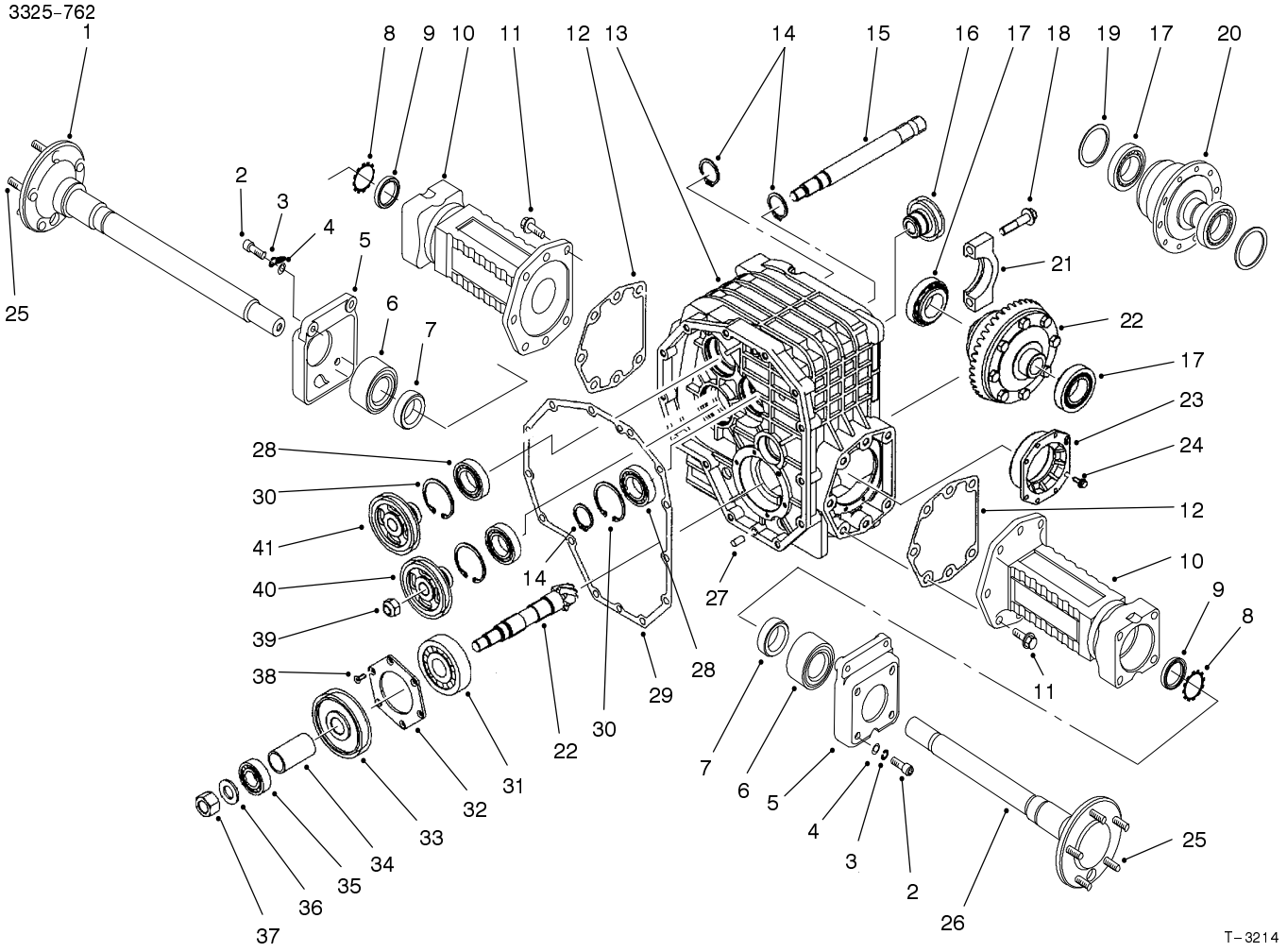


Hydraulic Housing Assembly-Control

Ref. No.	Part No.	Qty.	Description
1	94-4028	1	Roller-Needle
2	94-3939	1	Seal-Lip
3	94-3962	1	Ring-Retaining
4	95-7034	2	Switch
5	94-4059	2	O-Ring
6	25-3210	1	Seal
7	25-2510	1	Washer
8	94-3945	1	Ring-Retaining
9	95-7037	14	Screw-HH
10	94-4063	2	Cover-Servo
11	95-7040	2	Gasket-Cover
12	94-4070	2	Piston-Control
13		1	Housing-Control
14	94-4009	4	Screw
†15		1	Pin-Headed
†16		1	Arm-Control
17	94-3936	1	Nut-Lock
18	95-7039	1	Gasket-Housing
19	94-4065	1	Cover-Control
20	94-4007	4	Screw-HHF
†21		1	Washer-Retention, Shaft
22	94-4069	1	Screw
†23		1	Roller-Arm, Control
†24		2	Plug-Orifice
25	94-4072	1	Valve-Solenoid

Ref. No.	Part No.	Qty.	Description
26	94-4075	2	Elbow
27	94-4074	1	Plug
28	94-4076	1	Hose
†29		1	Carrier-Bearing, Trunnion
†30		2	Bearing-Journal
31	69-3450	2	Pin
†32		1	Carrier-Trunnion Bearing
33	94-4026	4	Screw-HHF
*	93-5968	1	Trunnion Bearing Carrier ASM (Incl. Ref. #30 & 32)
*	93-5967	1	Trunnion Bearing Carrier ASM MV (Incl. Ref. #29 & 30)
*	95-7041	1	Housing Control ASM (Incl. Ref. #13, 24 & 27)
*	94-9174	1	Control Arm ASM (Incl. Ref. #15-17 & 21-23)

* Not Illustrated
† Not Serviced Separately

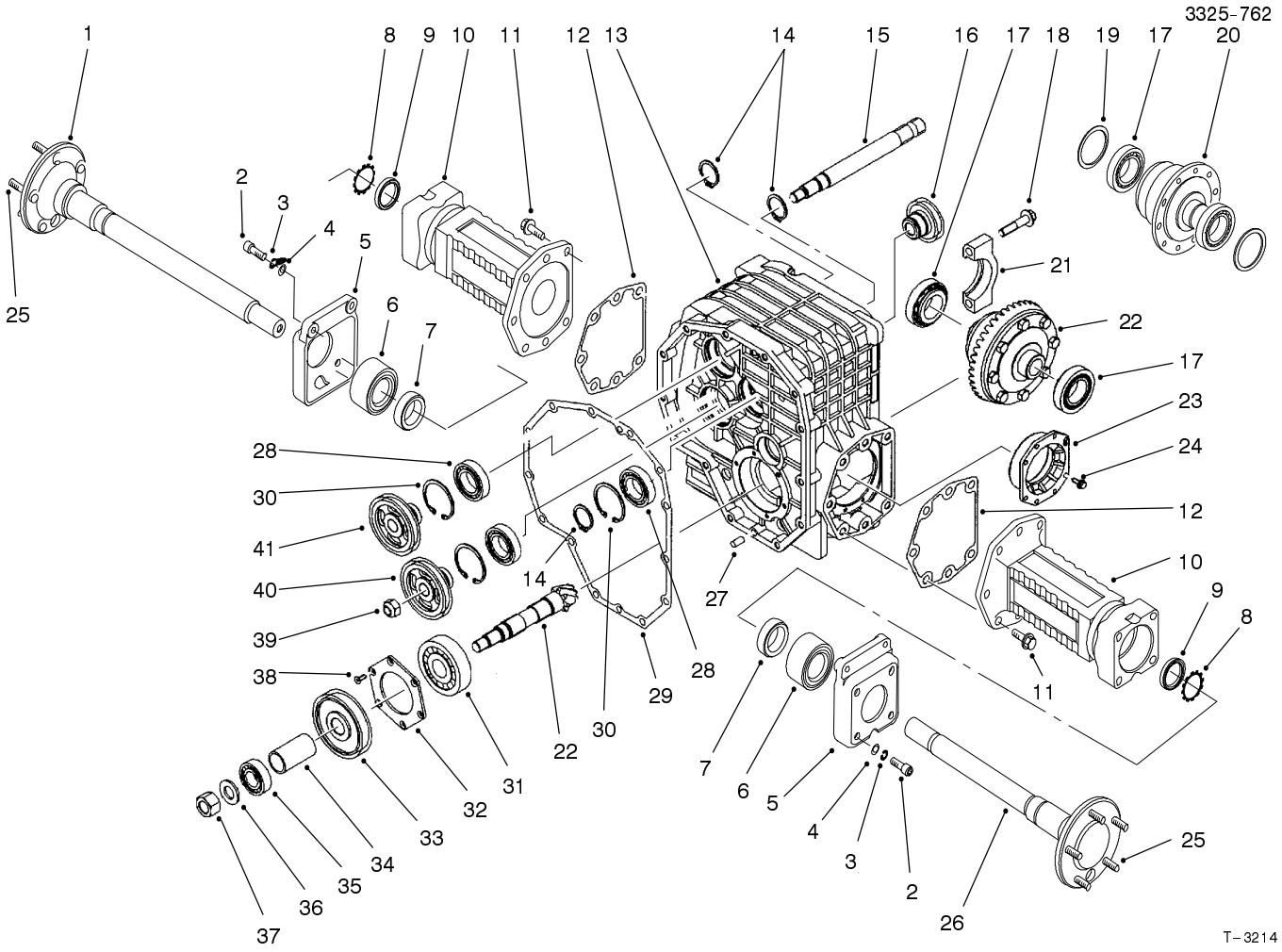


Front Axle Gear Housing Assembly

Ref. No.	Part No.	Qty.	Description
1	94-4031	1	Shaft-Axle, Left
2	94-4036	8	Screw
3	3253-7	8	Washer-Lock
4	3256-6	8	Washer-Flat
5	95-2632	2	Bracket-Brake
6	94-4030	2	Bearing
7	94-4144	2	Collar-Bearing
8	94-4142	2	Ring-Retaining
9	94-4032	2	Seal-Lip
10	95-2631	2	Housing-Axle
11	94-4007	14	Screw-HHF
12	94-4015	2	Gasket-Housing
†13		1	Housing-Gear
14	69-3170	3	Ring-Retaining
15	94-3913	1	Shaft-PTO, Front
16	94-4052	1	Pinion-Clutch, PTO
17	93-5966	2	Kit-Bearing
18	94-4003	2	Screw-HHF
19		2	Washer
20	99-5781	1	Differential ASM
†21		1	Clamp-Differential
22	99-5780	1	Differential Ring & Pinion
†23		1	Carrier-Bearing
24	94-4002	6	Screw-HHF
25	94-4143	10	Stud-Wheel

Ref. No.	Part No.	Qty.	Description
26	94-4035	1	Shaft-Axle, Right
27	94-3975	4	Pin
28	94-3971	3	Bearing-Ball
29	94-3959	1	Gasket-Housing
30	94-3997	3	Ring-Retaining
31	94-3961	1	Bearing-Ball
†32		1	Retainer-Bearing
33	94-3912	1	Gear-Drive, Final
34	94-3958	1	Spacer-Pinion
35	75-0520	1	Bearing
36	99-5784	1	Washer
37	99-5783	1	Nut-Lock
38	98-1812	6	Screw
39	94-3953	1	Nut-Lock
40	94-3914	1	Gear-Drive, PTO
41	94-3909	1	Pinion-Drive, PTO
*	95-2634	1	LH Axle ASM (Incl. Ref. #1-12 & 25)
*	95-2633	1	RH Axle ASM (Incl. Ref. #2-12, 25 & 26)

* Not Illustrated
† Not Serviced Separately

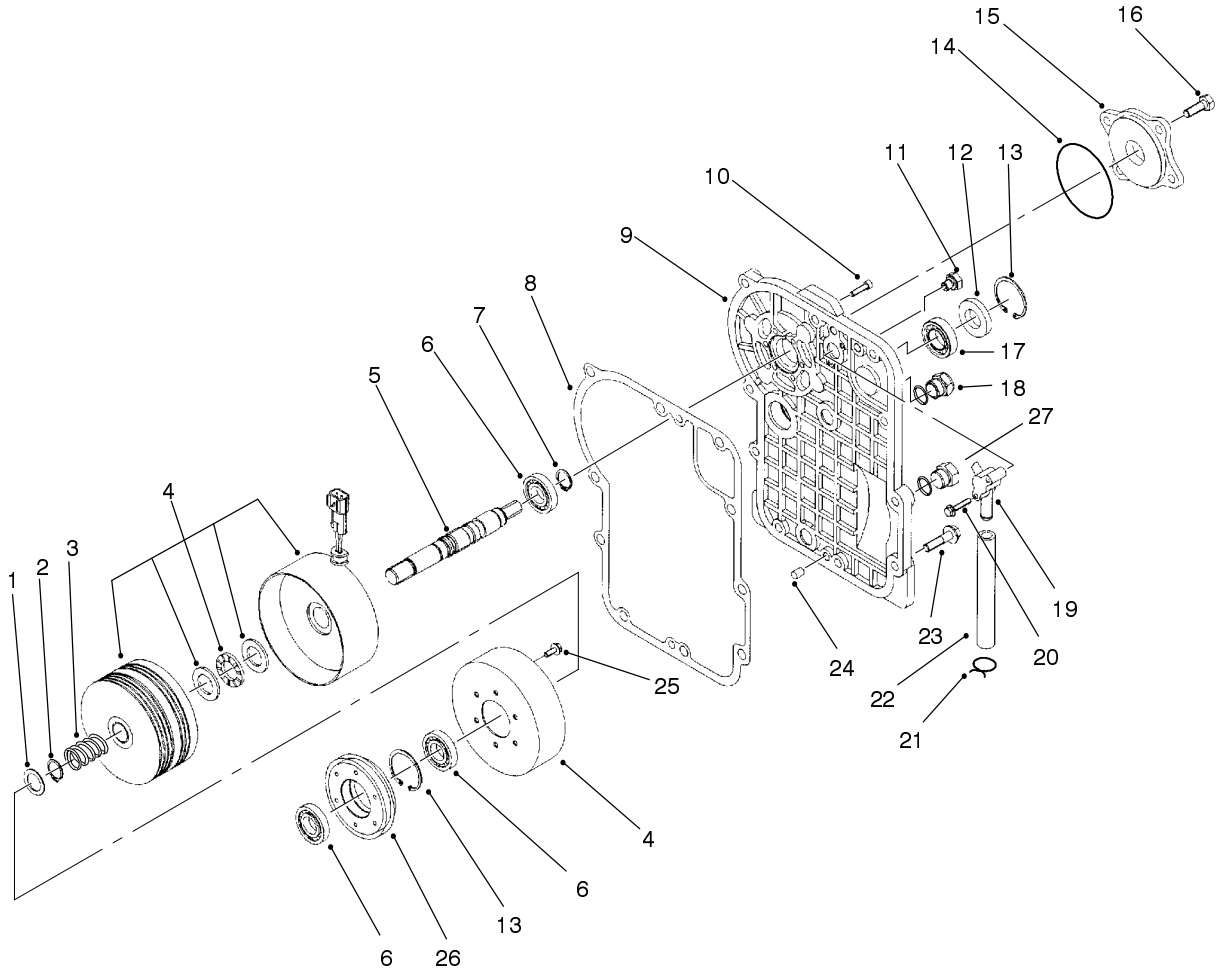


Front Axle Gear Housing Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
*	99-5777	1	Gear Housing ASM (Incl. Ref. #13, 14, 17, 18, 21-24, 28-32 & 38)
*	94-9178	1	Kit-Bearing, Pinion Head (Incl. Ref. #31, 32 & 38)
*	99-5782	1	Ring & Pinion ASM

Ref. No.	Part No.	Qty.	Description

* Not Illustrated



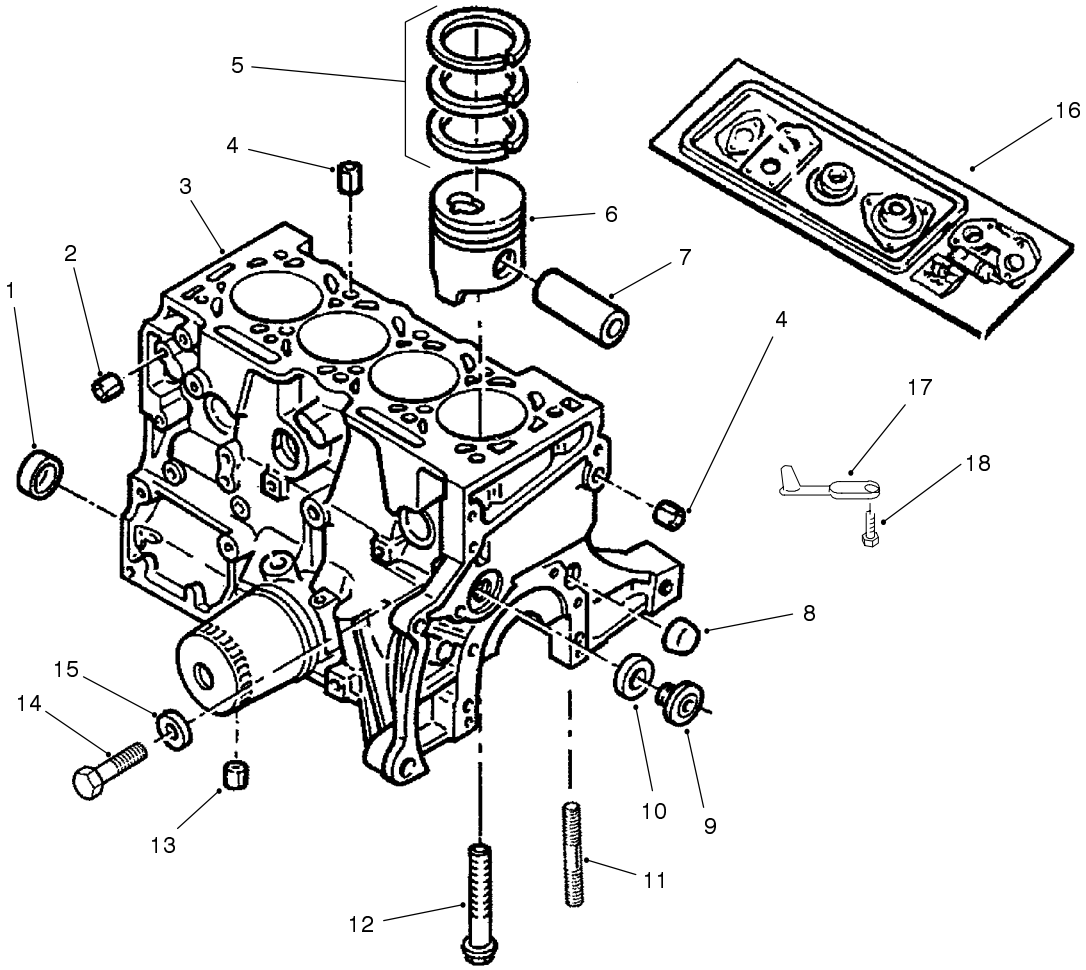
T-2259-1

Front Axle Cover Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3995	1	Washer
2	94-4006	1	Ring-Retaining
3	94-4005	1	Spring-Compression
†4		1	Clutch-PTO
5	94-3910	1	Shaft-Clutch
6	94-3960	3	Bearing-Ball
7	94-3996	1	Ring-Retaining
8	94-4001	1	Gasket-Cover, Front
9	94-3991	1	Cover-Front
10	94-4009	6	Screw
11	94-3998	1	Vent-Breather
12	94-3925	1	Seal-Lip
13	94-4029	2	Ring-Retaining
14	94-4011	1	O-Ring
15	94-4010	1	Cover-Gerotor
16	94-4008	4	Screw
17	94-3942	1	Bearing-Ball
18	67-8030	1	Plug
†19		1	Tube-Lubrication
20	95-7037	2	Screw-HHF
†21		2	Clamp
†22		1	Hose-Lubricating
23	94-4004	10	Screw-HHF
24	94-3975	2	Pin
25	94-4026	6	Screw-HHF
26	94-4053	1	Gear-Clutch, PTO

Ref. No.	Part No.	Qty.	Description
27	104-0112	1	Plug-Magnetic
*	94-9179	1	Clutch ASM (Incl. Ref. #1-7, 13, 25 & 26)
*	94-9180	1	Front Cover ASM (Incl. Ref. #9, 11, 18, & 19-22)
*	94-9181	1	Lubricating Nozzle ASM (Incl. Ref. #19, 21 & 22)

* Not Illustrated
† Not Serviced Separately



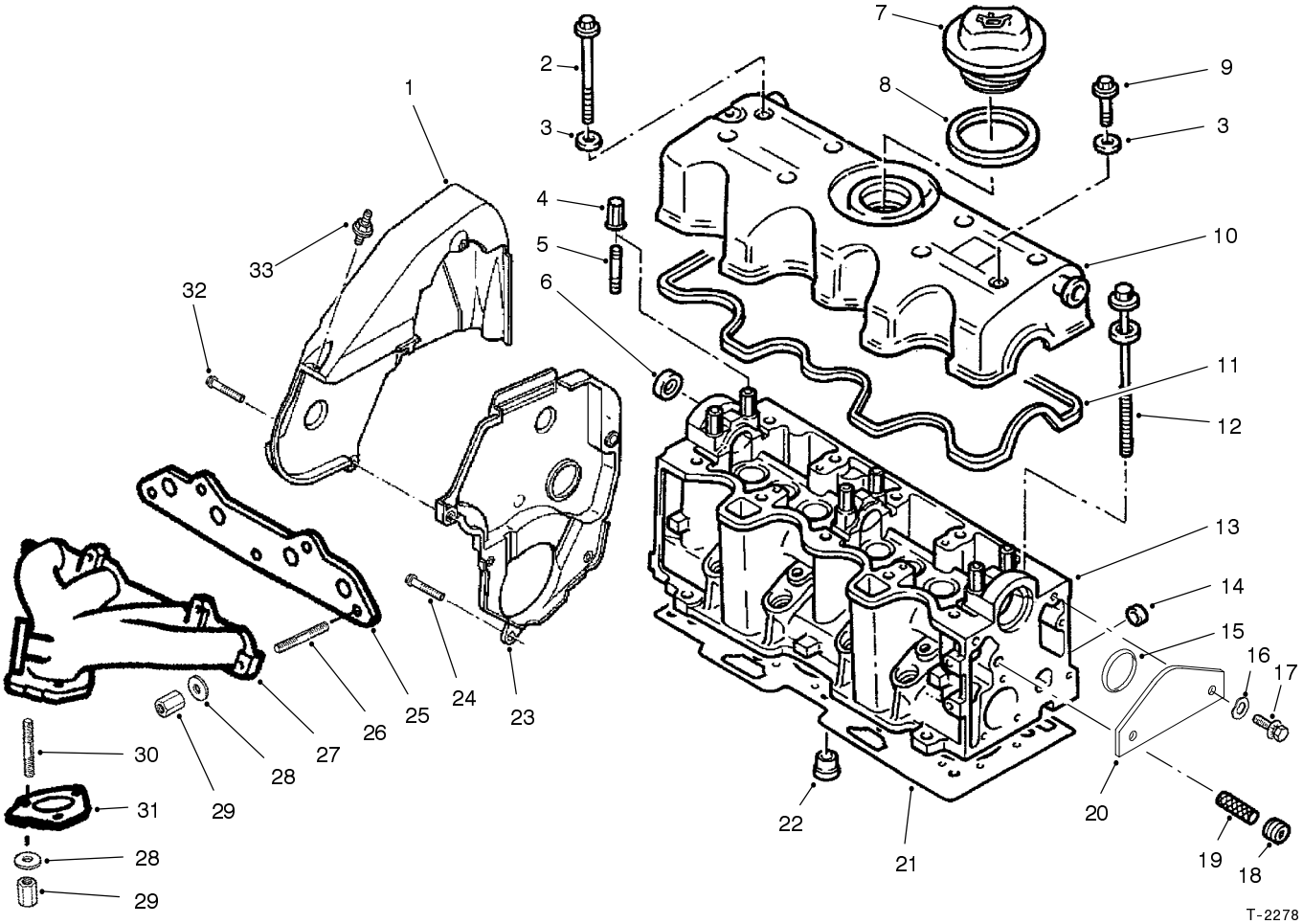
T-2277

Cylinder Block Assembly

Ref. No.	Part No.	Qty.	Description
1	74-7840	7	Plug
2	93-5659	2	Pin (Dowel-Ring)
3	93-5965	1	Cylinder Block ASM (Incl. Ref. #9, 10, 14, 15, 17 & 18)
4	76-5690	4	Pin (Dowel-Ring)
5	93-5714	1	Set-Ring, Piston (77mm Dia.) (Set of 3)
†6		4	Piston
†7		4	Pin-Wrist
8	93-5656	1	Plug
9	94-3121	2	Plug-Threaded
10	93-5653	2	Seal-Plug
11	93-5660	3	Stud
12	93-5657	10	Screw
13	93-5658	1	Pin (Dowel)
14	100-1389	1	Plug-Drain
15	95-3026	1	Gasket-14mm Dia.
16	93-5652	1	Set-Gasket, Engine
■17	100-1358	4	Jet-Oil
▲17	100-1359	4	Jet-Oil
■18	93-5704	4	Screw
▲18	93-5680	4	Screw
*	93-5650	1	Engine-Stripped

Ref. No.	Part No.	Qty.	Description

*Not Illustrated ■For Engine Serial Numbers 600505 & Up.
†Not Serviced Separately ▲For Engine Serial Numbers 600504 & Down.

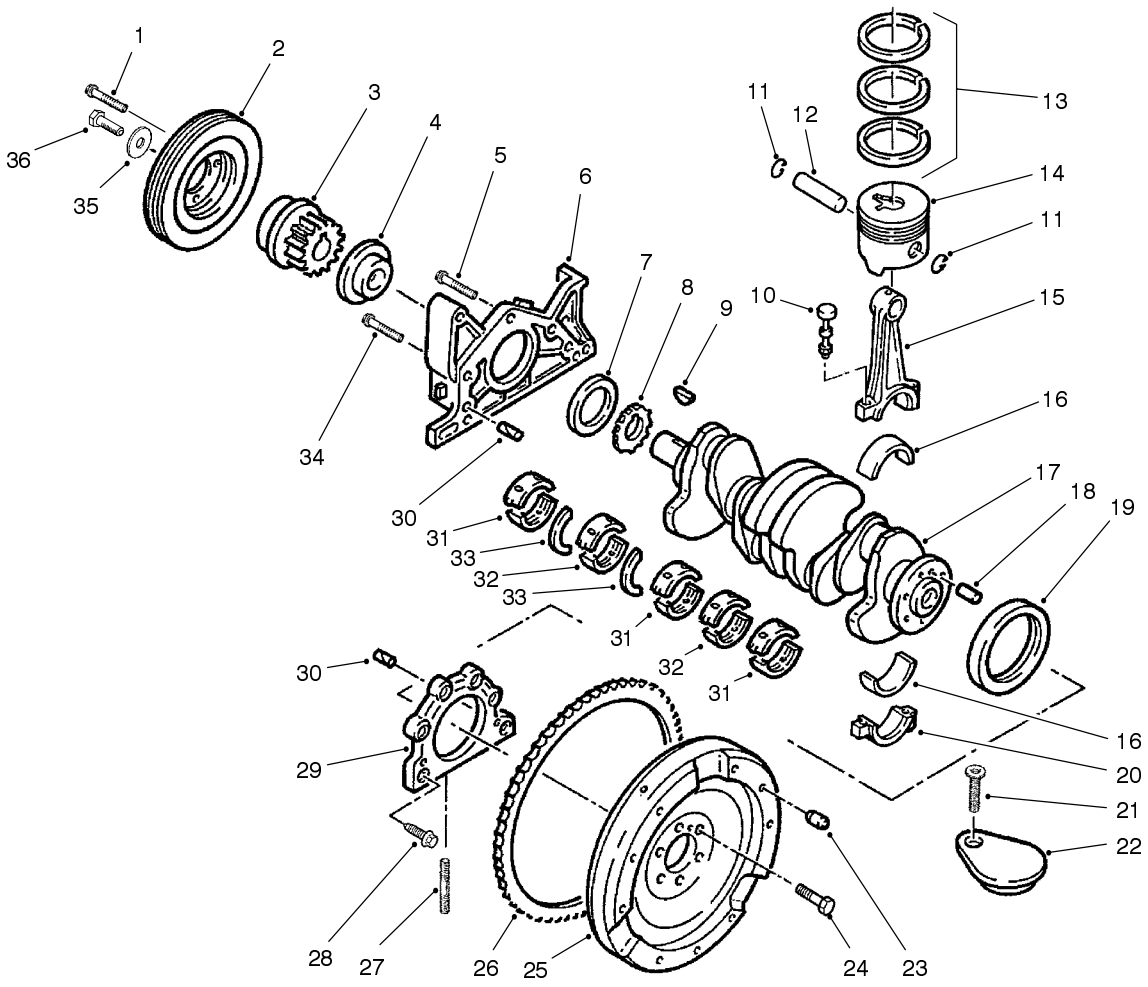


Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7475	1	Cover-Upper
2	93-5672	4	Screw
3	93-5667	8	Gasket
4	93-5674	6	Nut
5	94-3162	6	Stud
6	74-7840	2	Plug
7	93-5668	1	Oil Cap Filler ASM (Incl. Ref. #8)
8	93-5666	1	Gasket
9	93-5673	4	Screw
10	93-5662	1	Cover (Incl. Ref. #11)
11	93-5665	1	Gasket
12	94-4146	10	Screw
13	93-5661	1	Head-Cylinder
14	93-5669	4	Plug
15	93-5926	1	O-Ring
16	93-5928	2	Washer-Spring
17	93-5927	2	Screw
18	94-3118	2	Plug
19	93-5670	1	Element-Filter
20	100-1364	1	Cover Plate ASM (Incl. Ref. #15)
21	93-5947	1	Gasket-Head, Cylinder
22	94-4145	4	Chamber-Swirl
23	98-8070	1	Cover-Lower
24	95-7477	5	Screw

Ref. No.	Part No.	Qty.	Description
25	93-5894	1	Gasket
26	93-5895	5	Stud
27	93-5893	1	Manifold-Exhaust
28	93-5897	8	Washer-Plate
29	93-5896	8	Nut-Hex
30	93-5898	3	Stud
31	93-5892	1	Gasket-Pipe
32	95-7479	1	Screw
33	95-7478	1	Screw
*	93-5664	1	Set-Gasket, Cylinder Head Gasket

*Not Illustrated

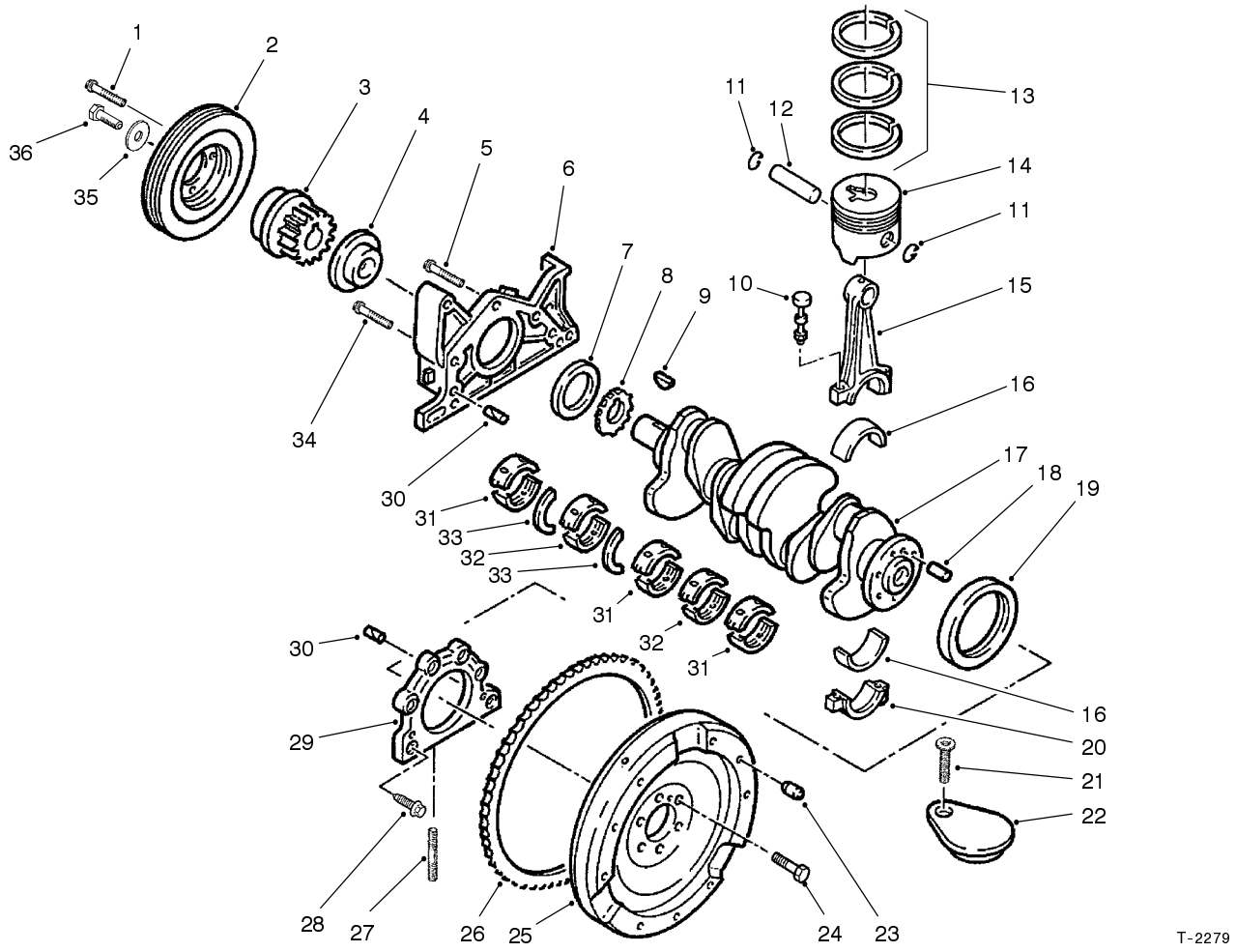


Piston and Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3112	4	Screw
2	98-8071	1	Pulley-Crankshaft
▲3	93-5684	1	Gear-Timing
●3	100-1374	1	Gear-Timing
4	93-5699	1	Spacer
5	93-5710	2	Screw
6	93-5687	1	Plate-Gasket
7	93-5701	1	Gasket
▲8	93-5698	1	Gear-Pump, Oil
●8	100-1375	1	Gear-Pump, Oil
9	93-5703	1	Key
10	93-5715	8	Bolt- Rod, Connecting
11	93-5716	8	Circlip
†12		4	Pin-Wrist
13	93-5714	4	Set Of 3 Piston Rings (77mm Dia.)
†14		4	Piston
15	93-5712	1	Set Of 4 Connecting Rods (Incl. Ref. #10 & 20)
16	93-5713	1	Set Of 8 Half Bearings (45mm Dia.)
16	95-2705	1	Set Of 8 Half Bearings (44.7mm Dia.)
17	93-5681	1	Crankshaft
18	74-8250	1	Pin

Ref. No.	Part No.	Qty.	Description
19	93-5702	1	Gasket
†20		4	Cap-Rod, Connecting
21	93-5709	1	Screw
22	93-5700	1	Plug
23	93-5705	3	Pin
24	93-5708	6	Screw
■25	95-2642	1	Flywheel-Engine (Incl. Ref. #26)
■26	95-2641	1	Gear-Starter, Starter
27	93-5707	2	Stud
28	93-5704	6	Screw
29	93-5686	1	Plate-Gasket
30	100-1383	4	Pin
31	93-5688	6	Bearing-Half (1.844 Thick)
*	93-5689	6	Bearing-Half (1.858 Thick)
*	93-5690	6	Bearing-Half (1.869 Thick)
*	95-2706	6	Bearing-Half (1.994 Thick)
*	95-2707	6	Bearing-Half (2.008 Thick)

*Not Illustrated ■For Engine Serial No. 549159 & Up ●For Engine Serial No. 650226 & Down.
†Not Serviced Separately ▲For Engine Serial No. 650227 & Up.

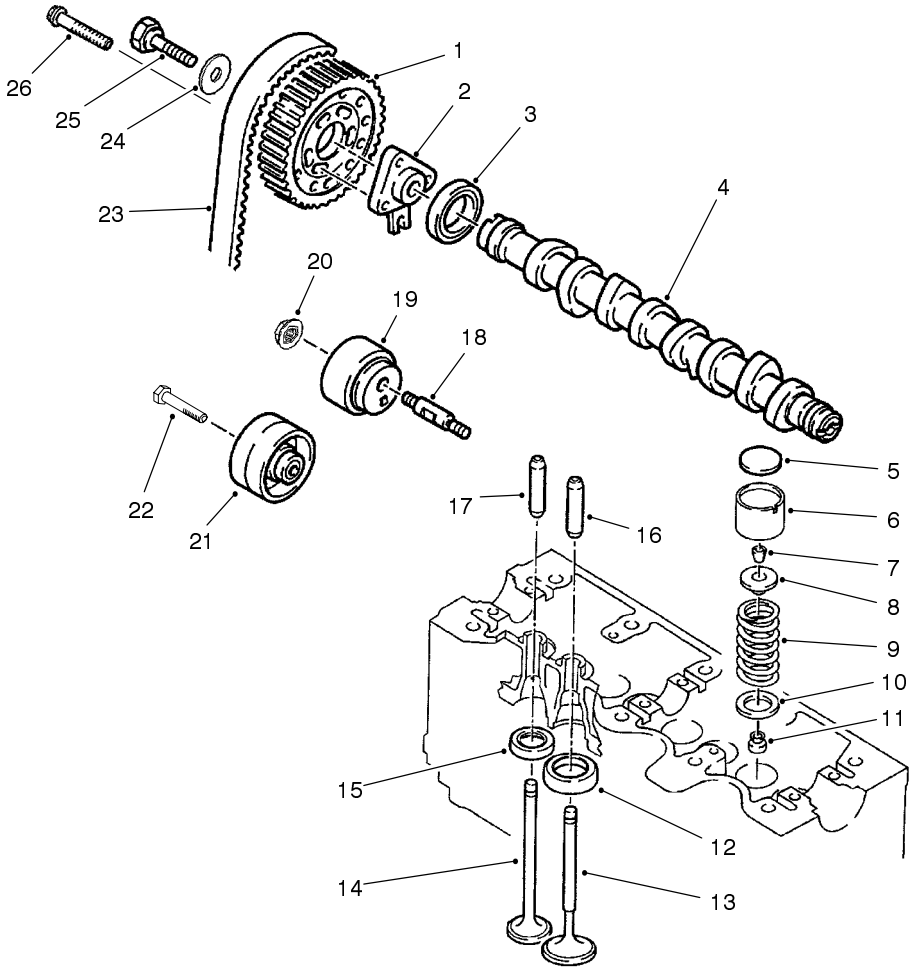


Piston and Crankshaft Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
*	95-2708	6	Bearing-Half (2.019 Thick)
32	93-5691	4	Bearing-Half (1.844 Thick)
*	93-5692	4	Bearing-Half (1.858 Thick)
*	93-5693	4	Bearing-Half (1.869 Thick)
*	95-2709	4	Bearing-Half (1.994 Thick)
*	95-2710	4	Bearing-Half (2.008 Thick)
*	95-2711	4	Bearing-Half (2.019 Thick)
33	93-5694	2	Flanges-Half (2.40 Thick)
*	93-5695	2	Flanges-Half (2.50 Thick)
*	93-5696	2	Flanges-Half (2.55 Thick)
*	93-5697	2	Flanges-Half (2.60 Thick)
34	93-5711	3	Screw
35	74-8080	1	Washer-Pate
▲36	94-3145	1	Screw-Pulley
●36	100-1376	1	Screw-Pulley

Ref. No.	Part No.	Qty.	Description
*	95-2702	1	Piston ASM. Repair A (Incl. Ref. #11-14)
*	95-2703	1	Piston ASM. Repair B (Incl. Ref. #11-14)
*	95-2704	1	Piston ASM. Repair C (Incl. Ref. #11-14)

*Not Illustrated ▲For engine Serial No. 650227 & Up.
●For Engine Serial No. 650226 & Down.



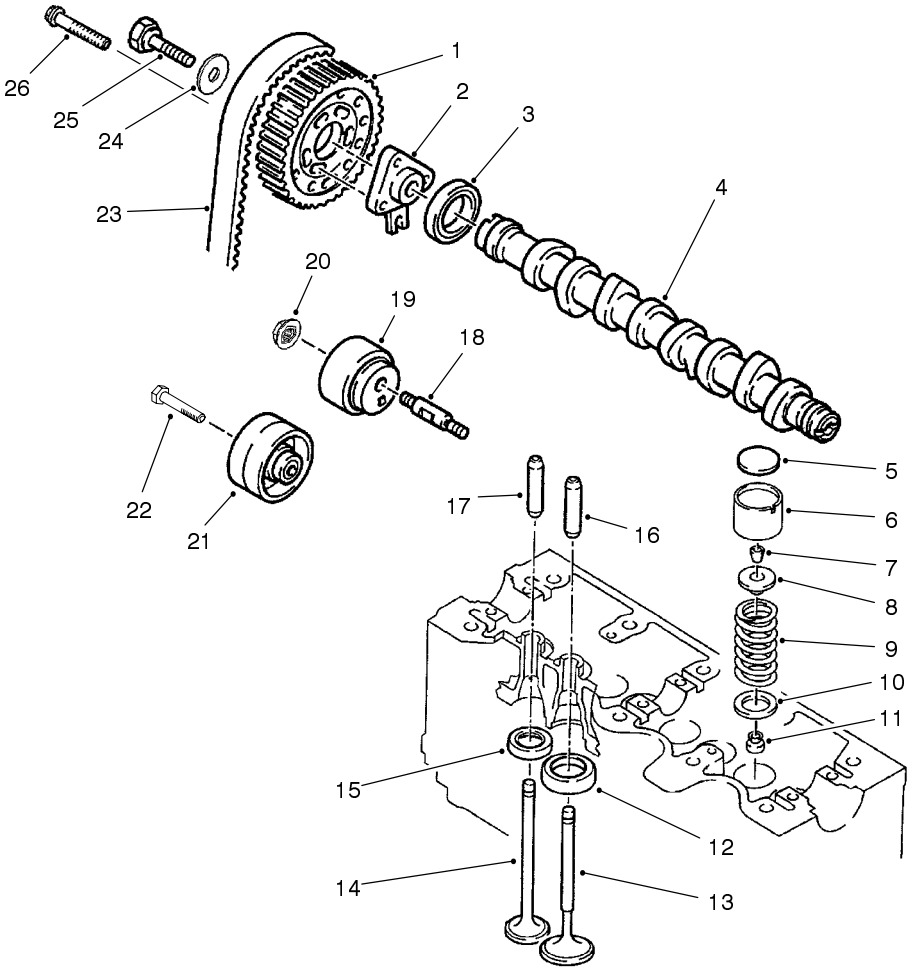
T-2280

Camshaft and Valves Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5719	1	Gear-Camshaft
2	93-5723	1	Hub-Pulley
3	93-5718	1	Seal-Camshaft
4	93-5717	1	Camshaft
5	93-5742	8	Shim-Tappet (3.20 mm)
*	93-5743	8	Shim-Tappet (3.25 mm)
*	93-5744	8	Shim-Tappet (3.30 mm)
*	93-5745	8	Shim-Tappet (3.35 mm)
*	93-5746	8	Shim-Tappet (3.40 mm)
*	93-5747	8	Shim-Tappet (3.45 mm)
*	93-5748	8	Shim-Tappet (3.50 mm)
*	93-5749	8	Shim-Tappet (3.55 mm)
*	93-5750	8	Shim-Tappet (3.60 mm)
*	93-5751	8	Shim-Tappet (3.65 mm)
*	93-5752	8	Shim-Tappet (3.70 mm)

Ref. No.	Part No.	Qty.	Description
*	93-5753	8	Shim-Tappet (3.72 mm)
*	93-5754	8	Shim-Tappet (3.75 mm)
*	93-5755	8	Shim-Tappet (3.77 mm)
*	93-5756	8	Shim-Tappet (3.80 mm)
*	93-5757	8	Shim-Tappet (3.82 mm)
*	93-5758	8	Shim-Tappet (3.85 mm)
*	93-5759	8	Shim-Tappet (3.87 mm)
*	93-5760	8	Shim-Tappet (3.90 mm)
*	93-5761	8	Shim-Tappet (3.92 mm)
*	93-5762	8	Shim-Tappet (3.95 mm)
*	93-5763	8	Shim-Tappet (3.97 mm)
*5	93-5764	8	Shim-Tappet (4.00 mm)

*Not Illustrated



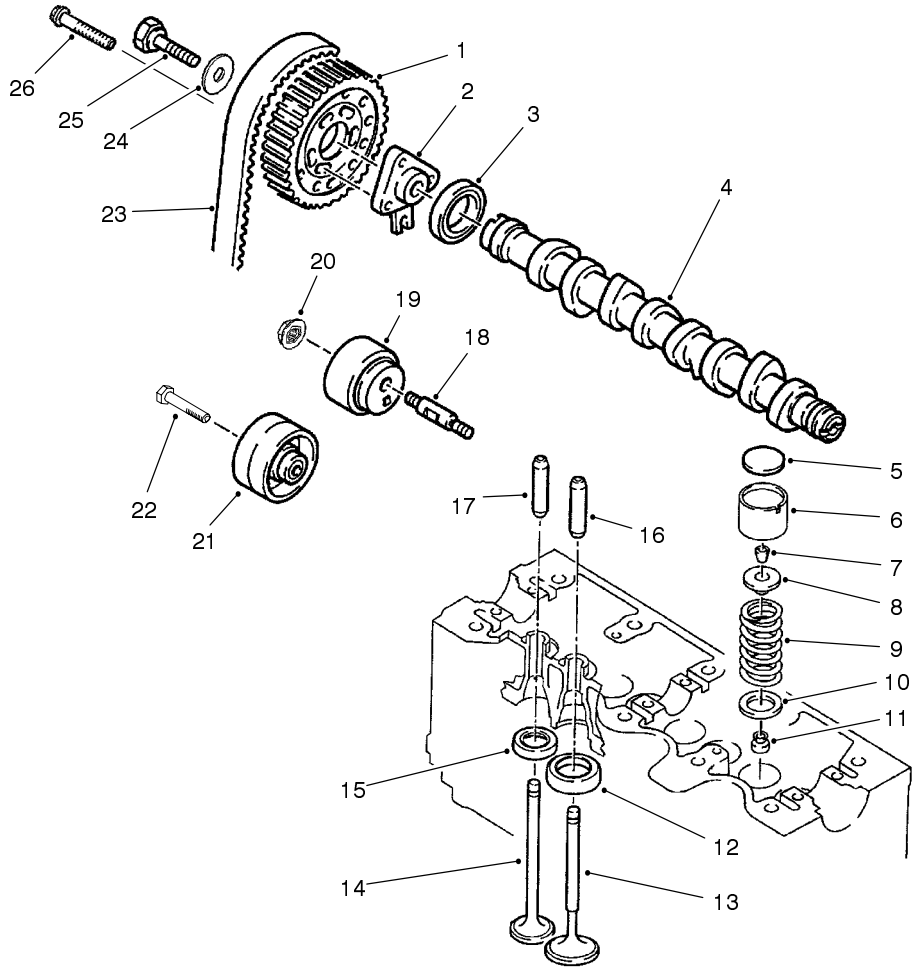
T-2280

Camshaft and Valves Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
*	93-5765	8	Shim-Tappet (4.02 mm)
*	93-5766	8	Shim-Tappet (4.05 mm)
*	93-5767	8	Shim-Tappet (4.07 mm)
*	93-5768	8	Shim-Tappet (4.10 mm)
*	93-5769	8	Shim-Tappet (4.12 mm)
*	93-5770	8	Shim-Tappet (4.15 mm)
*	93-5771	8	Shim-Tappet (4.17 mm)
*	93-5772	8	Shim-Tappet (4.20 mm)
*	93-5773	8	Shim-Tappet (4.22 mm)
*	93-5774	8	Shim-Tappet (4.25 mm)
*	93-5775	8	Shim-Tappet (4.27 mm)
*	93-5776	8	Shim-Tappet (4.30 mm)
*	93-5777	8	Shim-Tappet (4.32 mm)

Ref. No.	Part No.	Qty.	Description
*	93-5778	8	Shim-Tappet (4.35 mm)
*	93-5779	8	Shim-Tappet (4.37 mm)
*	93-5780	8	Shim-Tappet (4.40 mm)
*	93-5781	8	Shim-Tappet (4.42 mm)
*	93-5782	8	Shim-Tappet (3.45 mm)
*	93-5783	8	Shim-Tappet (4.47 mm)
*	93-5784	8	Shim-Tappet (4.50 mm)
*	93-5785	8	Shim-Tappet (4.52 mm)
*	93-5786	8	Shim-Tappet (4.55 mm)
*	93-5787	8	Shim-Tappet (4.57 mm)
*	93-5788	8	Shim-Tappet (4.60 mm)
*	93-5789	8	Shim-Tappet (4.62 mm)

*Not Illustrated



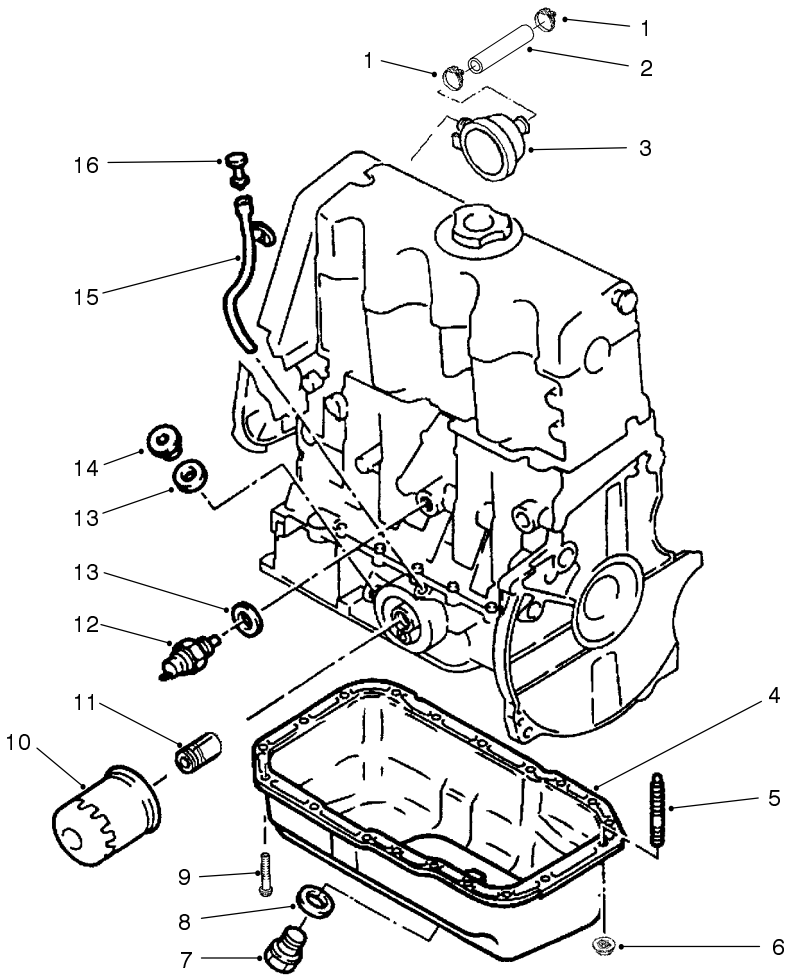
T-2280

Camshaft and Valves Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
*5	93-5790	8	Shim-Tappet (4.65 mm)
*	93-5791	8	Shim-Tappet (4.67 mm)
*	93-5792	8	Shim-Tappet (4.70 mm)
*	93-5793	8	Shim-Tappet (4.72 mm)
*	93-5794	8	Shim-Tappet (4.75 mm)
*	93-5795	8	Shim-Tappet (4.77 mm)
*	93-5796	8	Shim-Tappet (4.80 mm)
*	93-5797	8	Shim-Tappet (4.82 mm)
*	93-5798	8	Shim-Tappet (4.85 mm)
*	93-5799	8	Shim-Tappet (4.87 mm)
*	93-5800	8	Shim-Tappet (4.90 mm)
6	93-5736	8	Tappet
7	93-5734	16	Valve Half Bush
8	93-5733	8	Seat-Spring, Valve
9	93-5732	8	Spring-Valve

Ref. No.	Part No.	Qty.	Description
10	93-5741	8	Washer-Flat
11	100-1367	8	Seal-Valve
12	93-5739	4	Valve-Seat, Inlet
13	93-5730	4	Valve-Intake
14	93-5731	4	Valve-Exhaust
15	93-5740	4	Valve-Seat, Outlet
16	93-5737	4	Guide-Valve, Inlet
17	93-5738	4	Guide-Valve, Outlet
18	93-5724	1	Spindle-Tensioner
19	100-1360	1	Tensioner
20	93-5729	1	Nut
21	100-1363	1	Kit-Roller (Incl. Ref. #22)
22	93-5726	1	Screw
23	93-5720	1	Belt-Cogged
24	93-5728	1	Washer-Plate
25	93-5725	1	Screw-Pulley
26	93-5851	3	Screw

*Not Illustrated

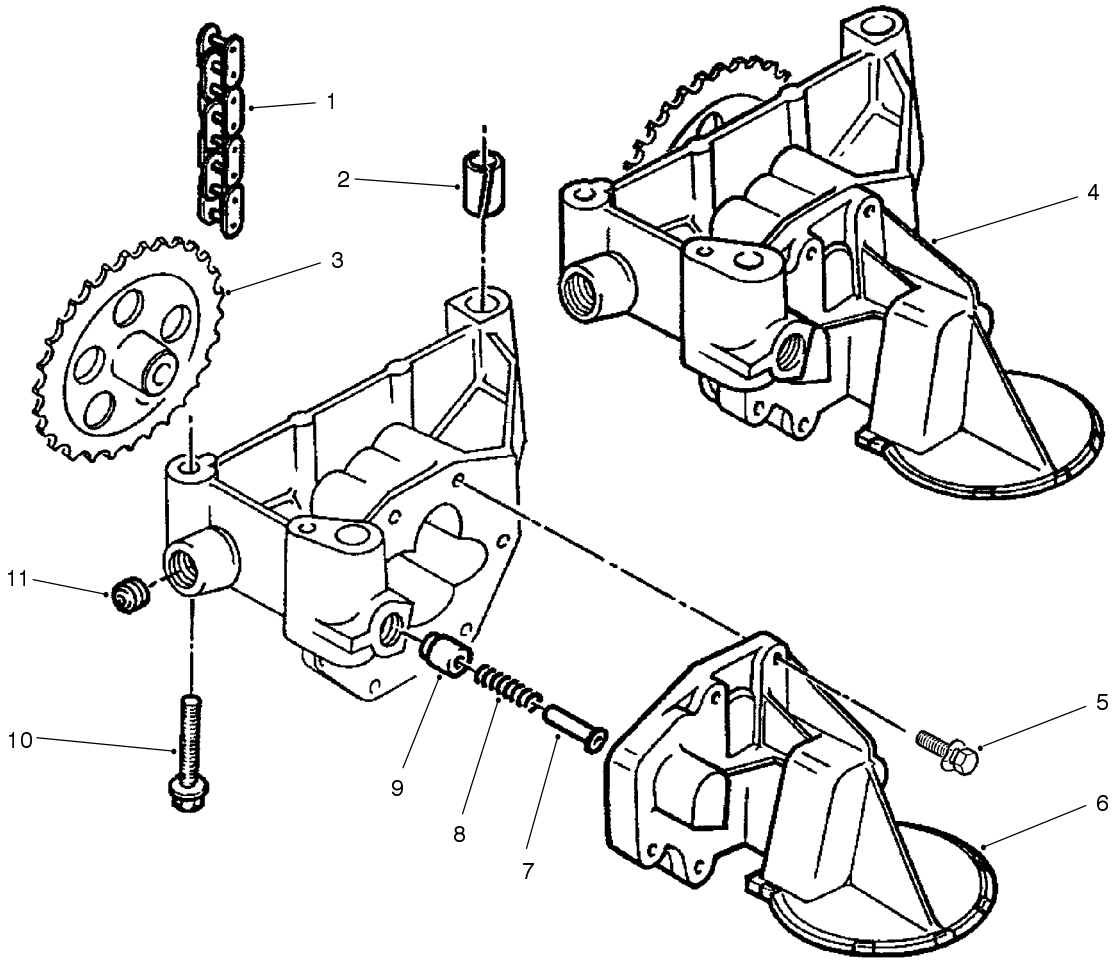


T-2281

Oil System Assembly

Ref. No.	Part No.	Qty.	Description
1	2412-36	2	Clamp
2	93-5817	1	Union
3	93-5816	1	Regulator
4	93-5810	1	Sump-Oil
5	93-5660	3	Stud
6	93-5815	3	Nut
7	74-7310	1	Plug-Drain
8	74-7320	1	Gasket
9	93-5704	16	Screw
10	74-7970	1	Filter-Oil
11	93-5809	1	Adaptor
12	94-3180	1	Switch-Pressure
13	93-5814	2	Gasket
14	93-5813	1	Plug-Threaded
15	93-5811	1	Guide-Dipstick
16	93-5812	1	Dipstick-Oil

Ref. No.	Part No.	Qty.	Description



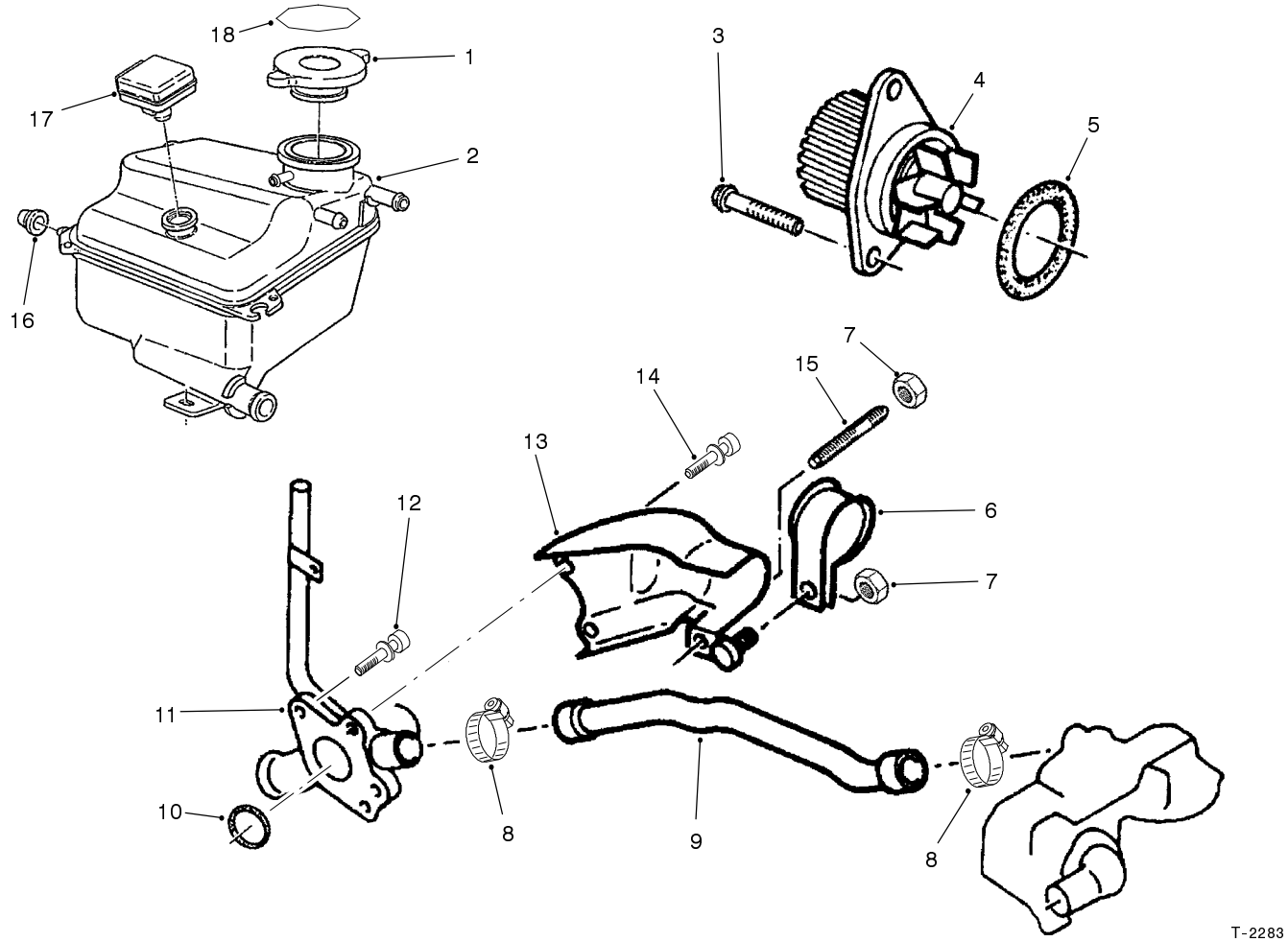
T-2282

Oil Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5804	1	Chain-Pump, Oil
2	93-5658	1	Pin
†3		1	Gear-Drive
4	93-5801	1	Pump-Oil (Incl. Ref. #3 & 6)
5	93-5807	6	Screw
†6		1	Strainer
7	93-5806	1	Shaft
8	93-5805	1	Spring
9	94-3176	1	Plunger
10	93-5803	3	Screw
11	94-3177	1	Plug

Ref. No.	Part No.	Qty.	Description

† Not Serviced Separately

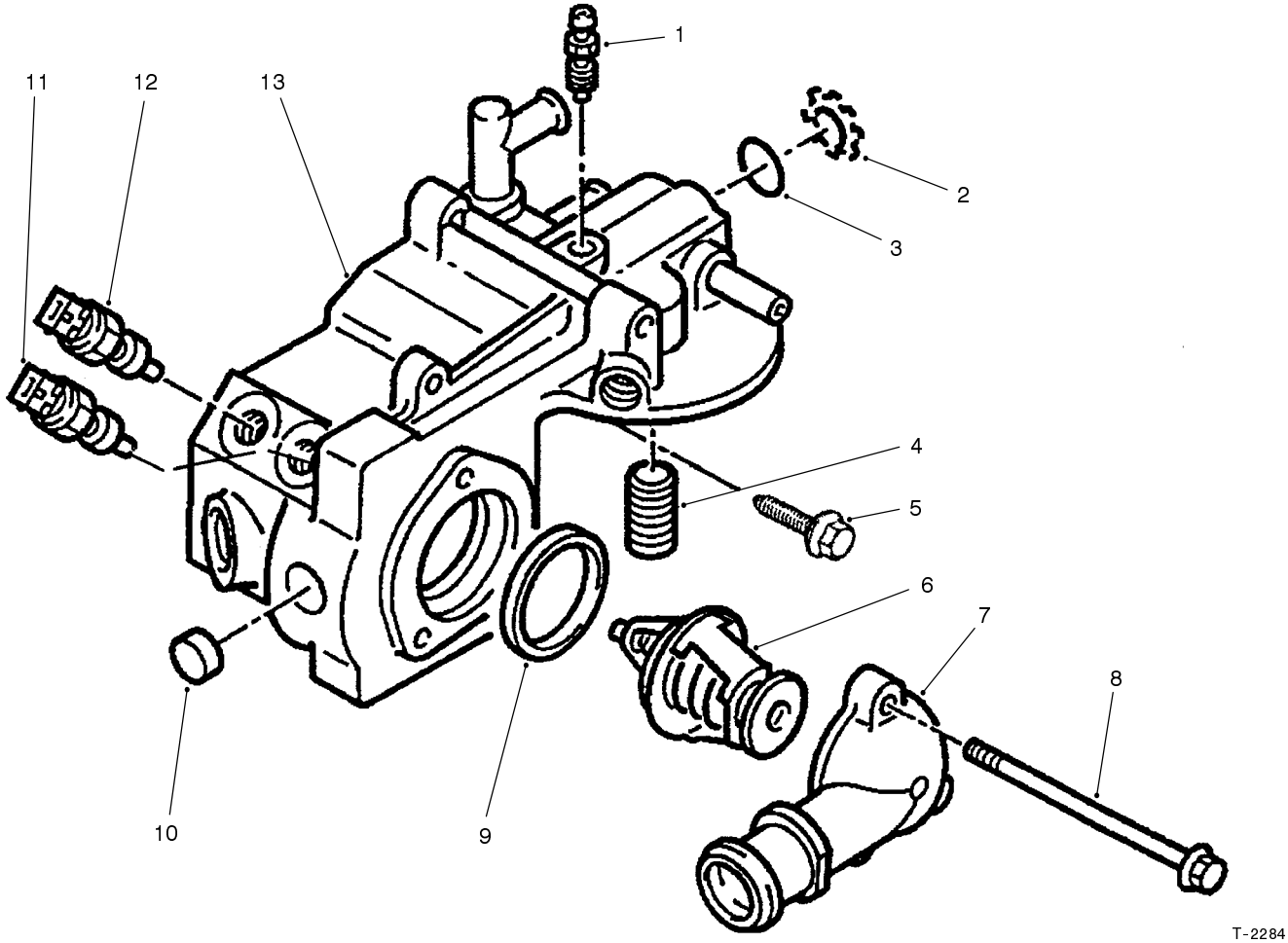


Coolant System Assembly

Ref. No.	Part No.	Qty.	Description
1	94-2800	1	Plug-Pressure
1	66-3240	1	Cap-Radiator (Europe)
2	98-1805	1	Box-Degassing
3	94-3163	2	Screw
4	104-0111	1	Pump-Water
5	93-5822	1	O-Ring
●6	93-5826	1	Clip
●7	94-3267	2	Nut
8	2412-129	2	Clamp
●9	93-5824	1	Union-By-pass
◆9	104-0114	1	Union-By-pass
10	93-5821	1	O-Ring
◆11	93-5819	1	Inlet-Water
●11	104-0113	1	Inlet-Water
12	93-5823	2	Screw
●13	93-5825	1	Shield-Heat
●14	93-5827	2	Screw
●15	93-5660	1	Stud
16	94-2801	2	Grommet
17	94-9984	1	Sensor-Level, Water
18	93-7840	1	Decal-Radiator (Europe)

Ref. No.	Part No.	Qty.	Description

- ● For engine serial number 784440 & lower.
- ◆ For engine serial number 784441 & higher.



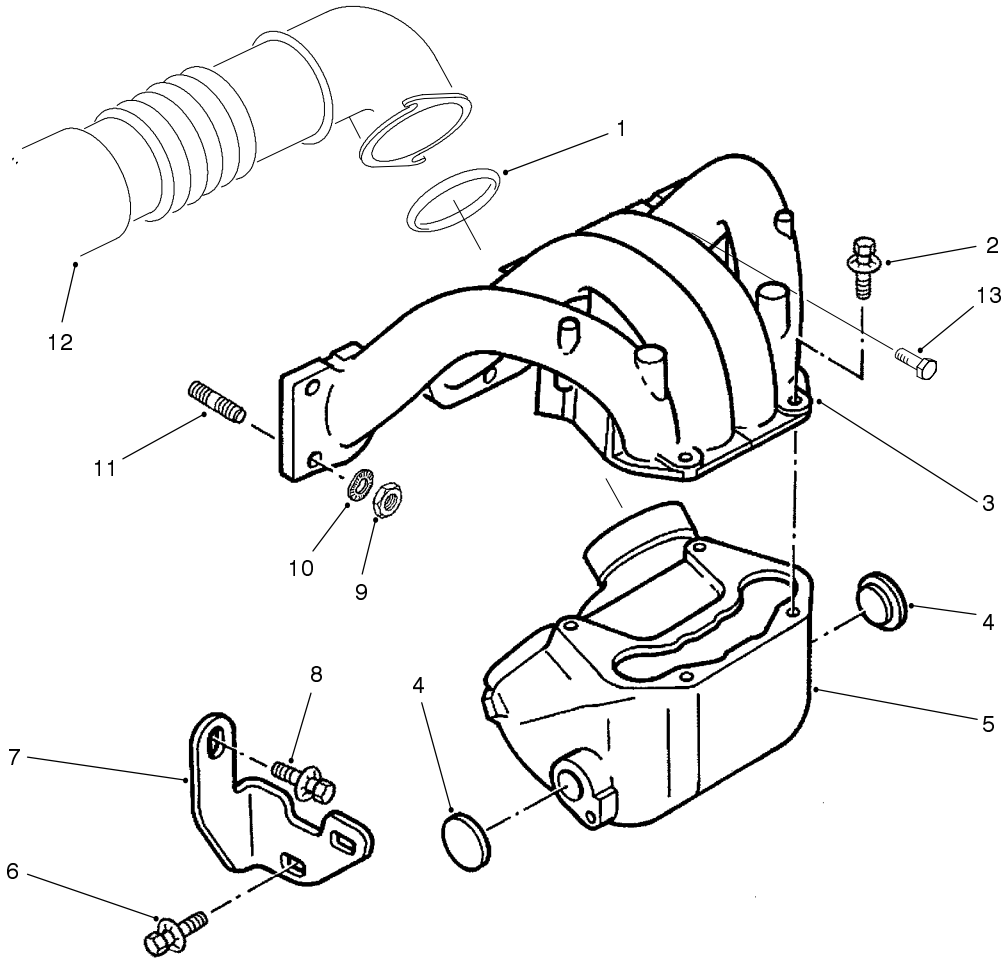
T-2284

Coolant Outlet Box Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5835	1	Screw-Bleed
2	93-5840	1	Washer
3	93-5838	2	O-Ring
4	93-5836	1	Insert
5	93-5807	1	Screw
6	93-5831	1	Thermostat
7	94-9197	1	Cover
8	93-5839	4	Screw
9	93-5837	1	Gasket-Box, Water
10	93-5833	1	Plug (10.25mm Dia)
*	93-5834	2	Plug (14.5mm Dia)
11	94-3211	1	Thermoswitch
12	93-5832	1	Sender
13	93-5829	1	Box-Outlet, Water

Ref. No.	Part No.	Qty.	Description

*Not Illustrated



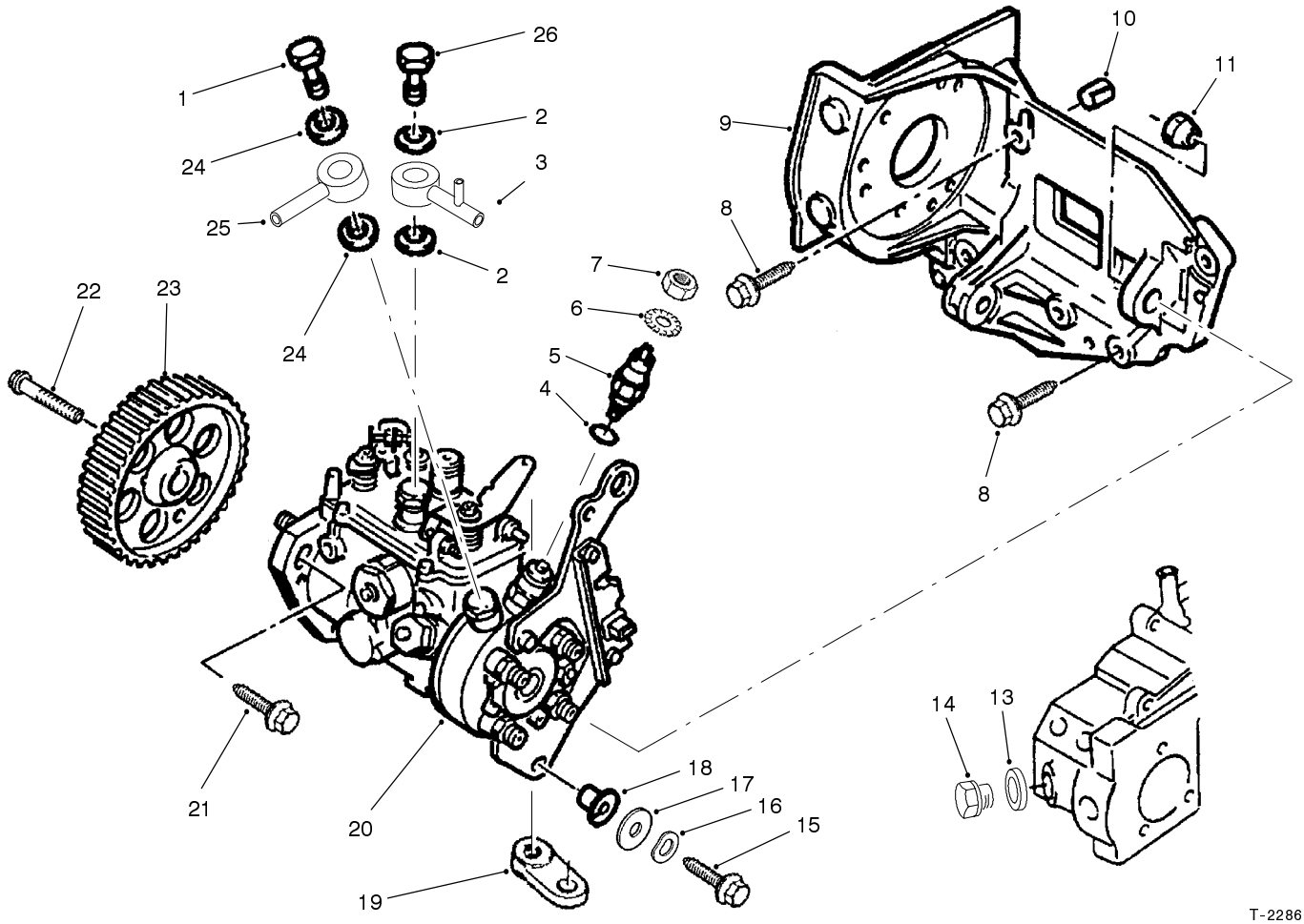
T-2285

Intake Manifold Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5841	1	O-Ring
2	93-5847	4	Screw
3	93-5843	1	Manifold-Intake
4	93-5656	2	Plug
5	93-5844	1	Divider-Air
■6	94-3161	2	Screw
▲6	94-3161	6	Screw
7	93-5845	1	Bracket
8	94-3131	1	Screw
■9	94-3165	6	Nut
▲9	94-3165	2	Nut
▲10	94-3164	6	Washer-Spring
■10	94-3164	2	Washer-Spring
▲11	93-5846	6	Stud
11	93-5846	2	Stud
12	93-5842	1	Union-Air
13	94-9196	1	Screw

Ref. No.	Part No.	Qty.	Description

▲For Engine Serial No. 655961 & Down.
■For Engine Serial No. 655962 & Up.

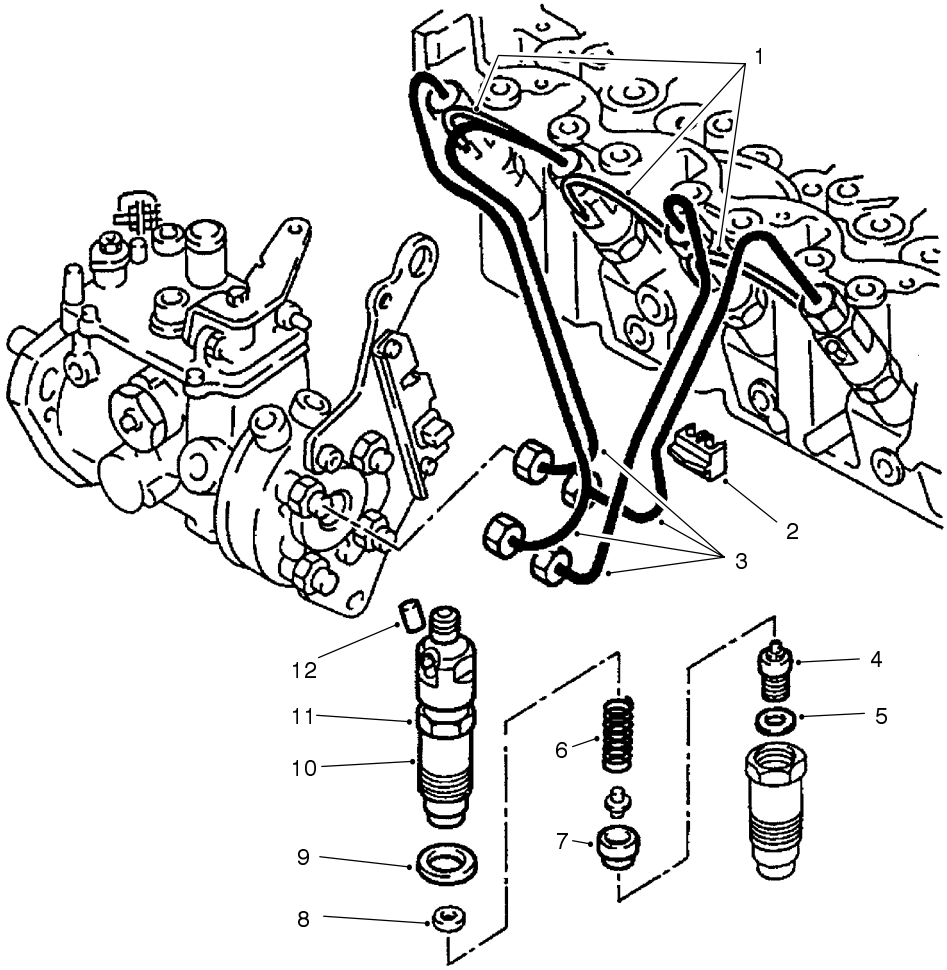


Injection Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	94-4111	1	Screw-Union, Inlet
2	74-8870	2	Gasket
3	95-1690	1	Union-Outlet
4	94-3274	1	O-Ring
5	98-8806	1	Valve-Solenoid
6	74-8710	1	Washer
7	48-7880	1	Nut
8	93-5852	5	Screw (35mm)
*	93-5853	1	Screw (45mm)
9	93-5849	1	Bracket-Pump, Injection
10	93-5659	2	Pin
11	94-3165	1	Nut-Hex
13	94-3122	1	Gasket
14	94-3121	1	Plug
15	94-3221	1	Screw
16	94-3164	1	Washer-Spring
17	93-5855	1	Washer-Plate
18	93-5909	1	Ring
19	74-8650	1	Journal
20	93-5848	1	Pump-Injection
21	93-5854	3	Screw
22	93-5851	3	Screw
23	93-5719	1	Gear-Pump, Injection
24	74-8680	2	Gasket
25	93-5857	1	Union-Inlet

Ref. No.	Part No.	Qty.	Description
26	94-3250	1	Screw-Union, Outlet

*Not Illustrated



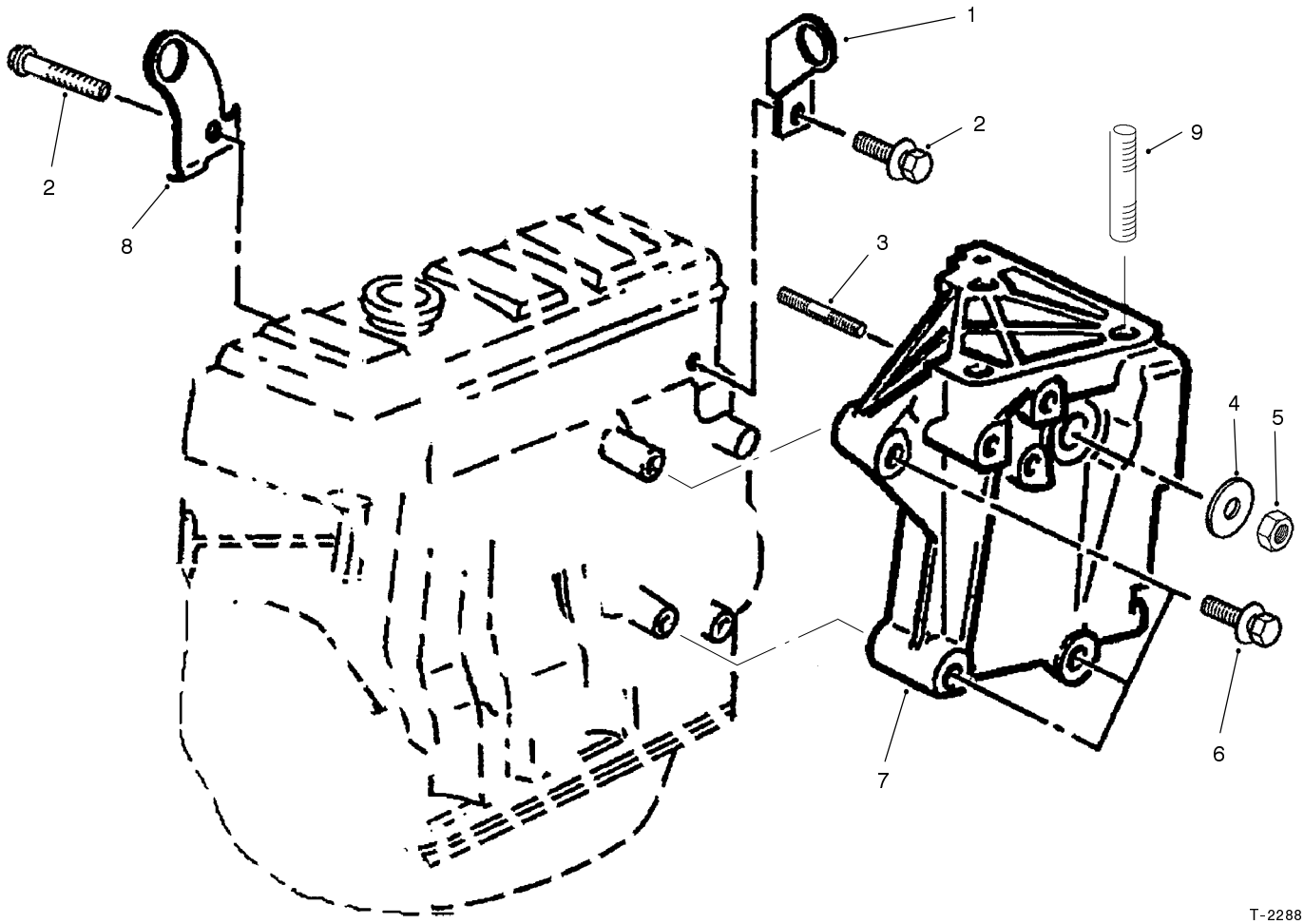
T-2287

Fuel Injector and Plumbing Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5862	3	Union
*	93-5863	1	Union
2	94-3231	4	Bracket
3	93-5861	1	Harness-Pipes
4	93-5860	4	Injector
5	93-5867	4	Gasket-Injector
6	93-5864	4	Spring
7	93-5865	4	Spacer
8	93-5869	1	Shim (.680 mm)
*	93-5870	1	Shim (.720 mm)
*	93-5871	1	Shim (.760 mm)
*	93-5872	1	Shim (.800 mm)
*	93-5873	1	Shim (.840 mm)
*	93-5874	1	Shim (.880 mm)
*	93-5875	1	Shim (.920 mm)
*	93-5876	1	Shim (.960 mm)
*	93-5877	1	Shim (1.000 mm)
*	93-5878	3	Shim (1.035 mm)
*8	93-5879	1	Shim (1.065 mm)
*	93-5880	1	Shim (1.095 mm)
*	93-5881	1	Shim (1.125 mm)
*	93-5882	1	Shim (1.155 mm)
*	93-5883	1	Shim (1.185 mm)
*	93-5884	1	Shim (1.215 mm)
*	93-5885	1	Shim (1.245 mm)
*	93-5886	1	Shim (1.280 mm)

Ref. No.	Part No.	Qty.	Description
*	93-5887	1	Shim (1.320 mm)
*	93-5888	1	Shim (1.400 mm)
*	93-5889	1	Shim (1.480 mm)
*	93-5890	1	Shim (1.560 mm)
*	93-5891	1	Shim (1.640 mm)
9	93-5866	4	Gasket-Injector
10	93-5868	4	Holder-Injector + Injectpr
11	94-4147	4	Holder-Injector
12	74-8770	1	Plug

*Not Illustrated

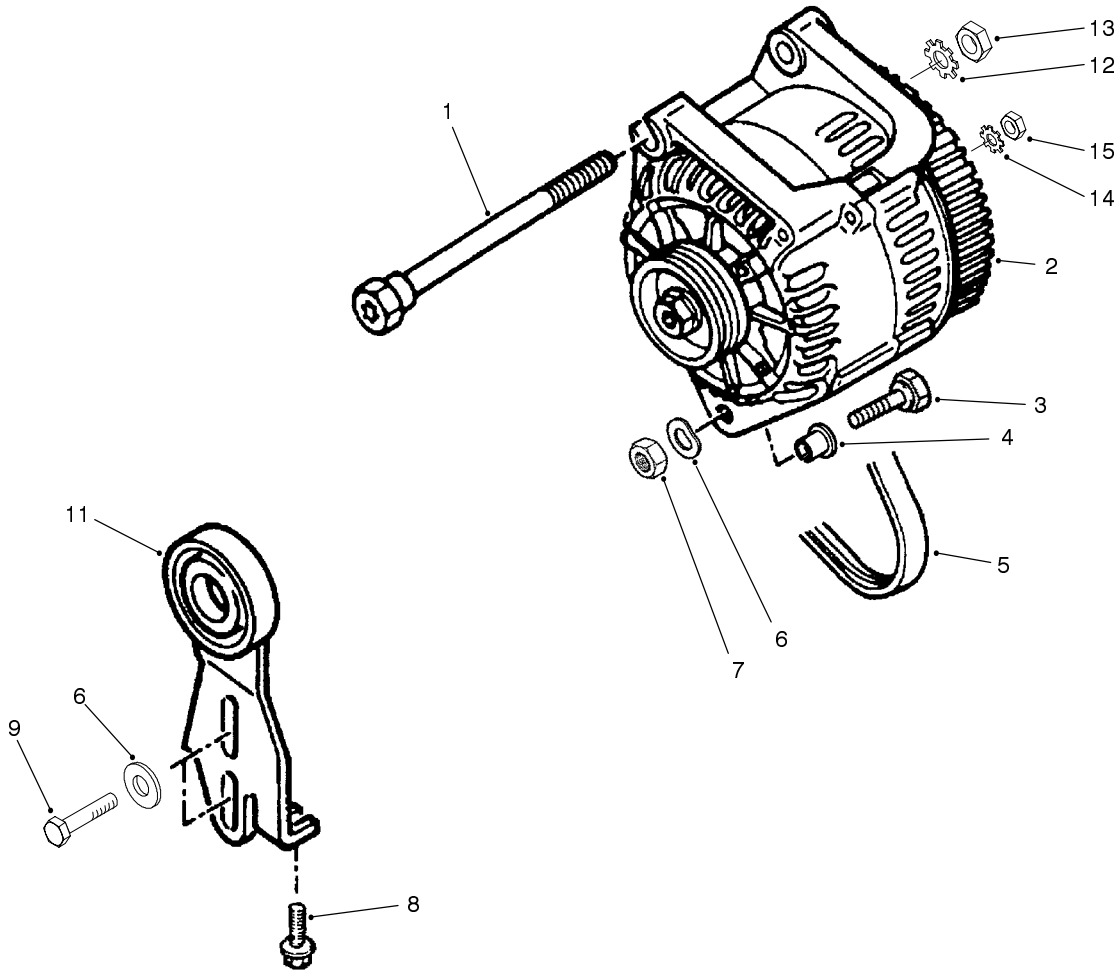


T-2288

Engine Mount Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5901	1	Bracket-Lifting
2	93-5906	4	Screw
3	93-5905	1	Stud
4	93-5904	1	Washer-Plate
5	93-5903	1	Nut-Hex
6	93-5902	3	Screw
7	93-5899	1	Mount-Engine, RH
8	74-7570	1	Bracket-Lifting
9	93-5900	1	Stud

Ref. No.	Part No.	Qty.	Description

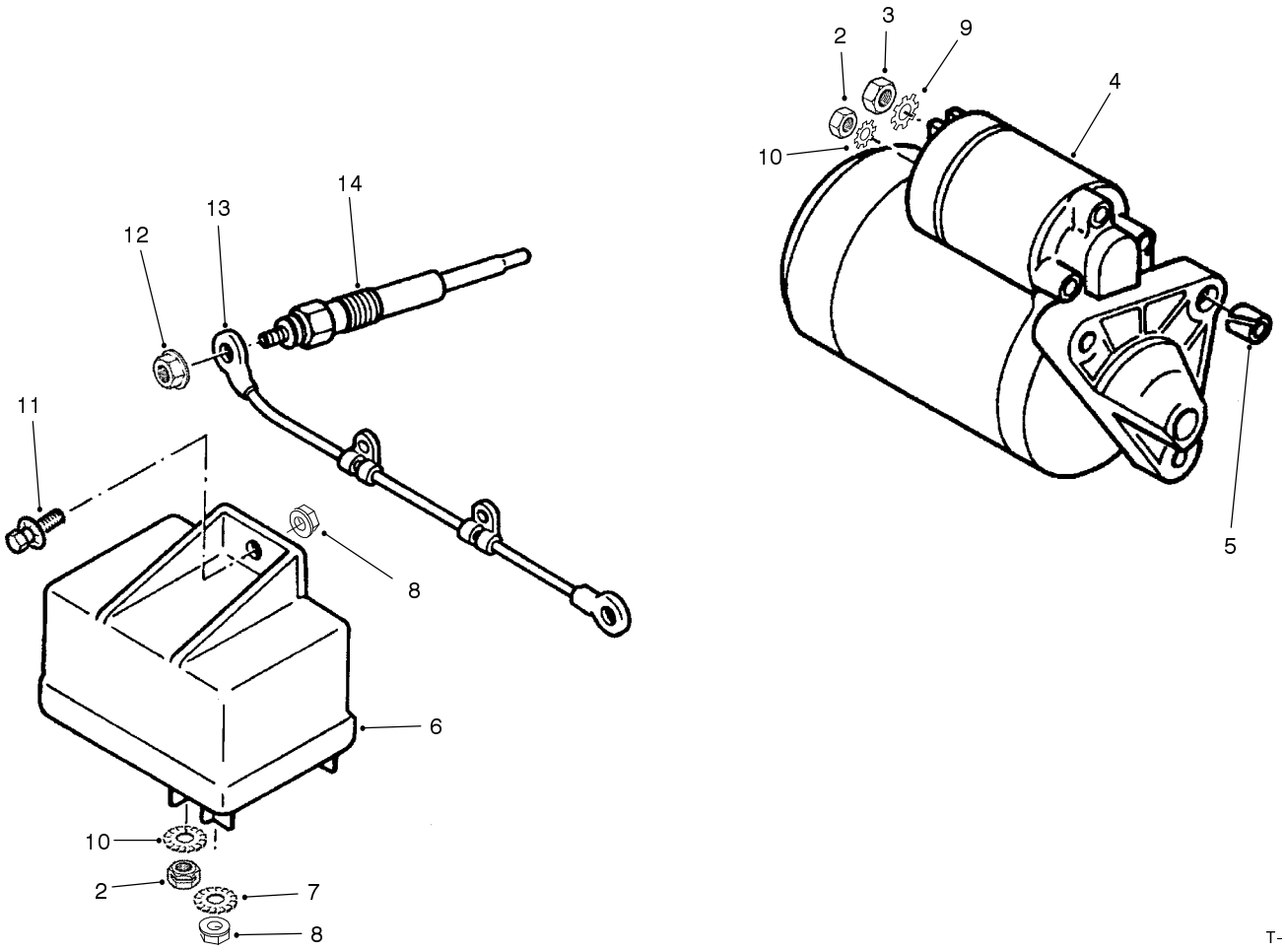


T-2289

Alternator Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5908	1	Screw
2	93-5907	1	Alternator
3	94-3221	1	Screw
4	93-5909	1	Ring
5	93-5912	1	Belt
6	33094-00	3	Washer-Flat
7	33024-00	1	Nut-Hex
8	93-5911	1	Screw
9	33114-020	2	Screw-HH
11	93-5910	1	Tensioner
12	3255-8	1	Washer-Lock
13	33004-00	1	Nut-Hex
14	3255-10	1	Washer-Lock
15	48-7880	1	Nut-Hex

Ref. No.	Part No.	Qty.	Description

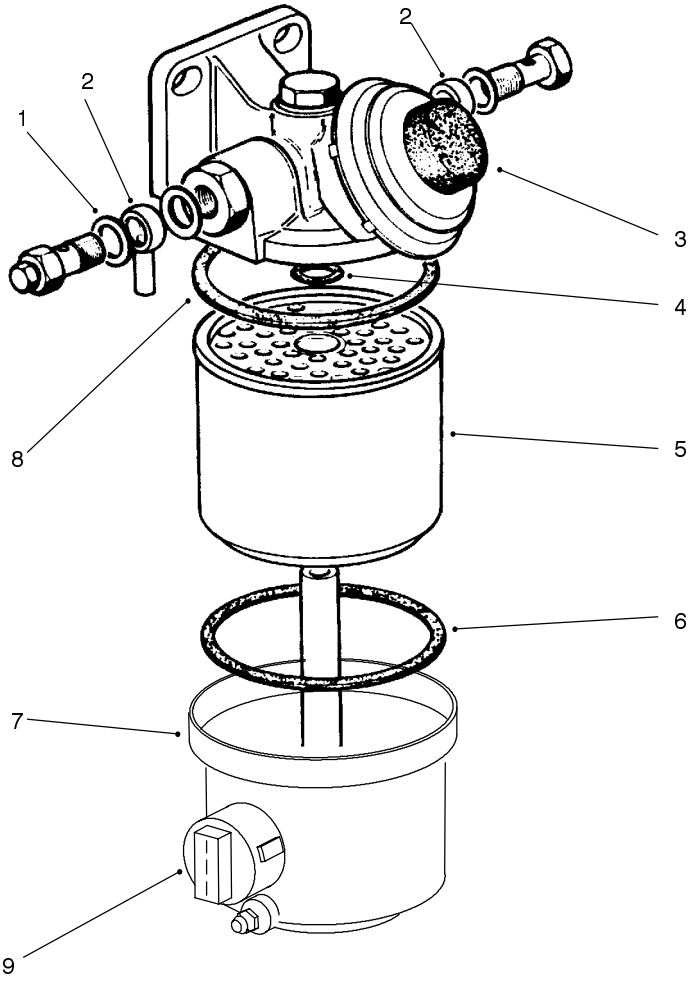


T-2290

Starter and Glow Plugs Assembly

Ref. No.	Part No.	Qty.	Description
2	48-7880	2	Nut
3	33004-00	1	Nut-HF
4	104-0142	1	Starter Motor
5	93-5917	1	Pin
6	93-5923	1	Unit-Preheating
7	3255-7	1	Washer-Lock
8	33003-00	2	Nut-HF
9	3255-8	1	Washer-Lock
10	3255-10	2	Washer-Lock
11	33113-020	1	Screw-HH
12	48-7870	4	Nut
13	93-5922	1	Cable
14	93-5921	4	Plug-Glow

Ref. No.	Part No.	Qty.	Description



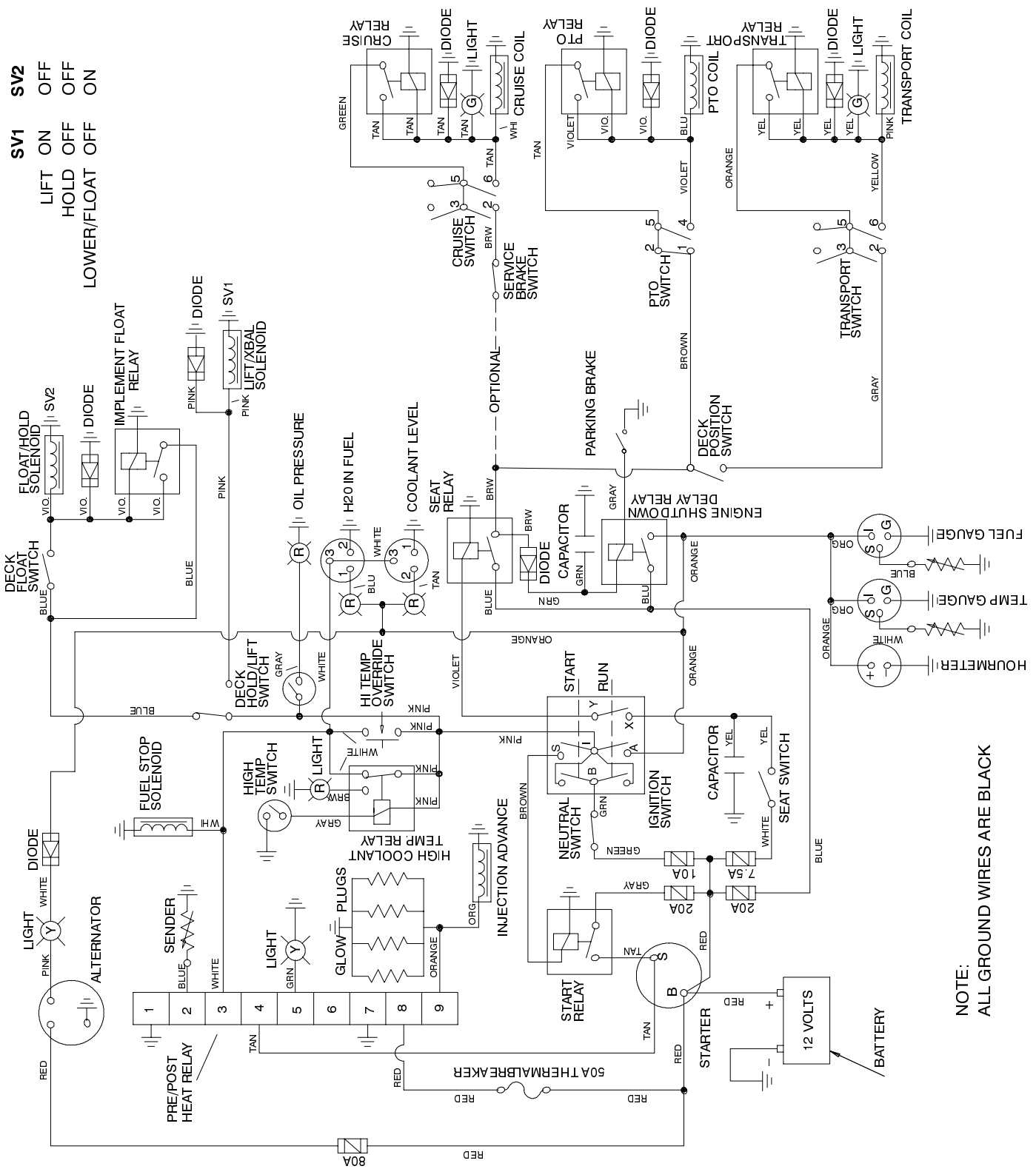
T-0966

Fuel Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	76-5180	4	Washer-Copper
2	76-5190	2	Fitting-Adjustable
3	76-5300	1	Fuel Filter ASM (Incl. Ref. #7 & 9)
4		1	O-Ring
5	76-5220	1	Element-Filter (Incl. Ref. #4, 6 & 8)
6		1	Seal-Gasket
7		1	Cap-Filter, Fuel
8		1	Seal-Gasket
9	76-5320	1	Sensor-Water

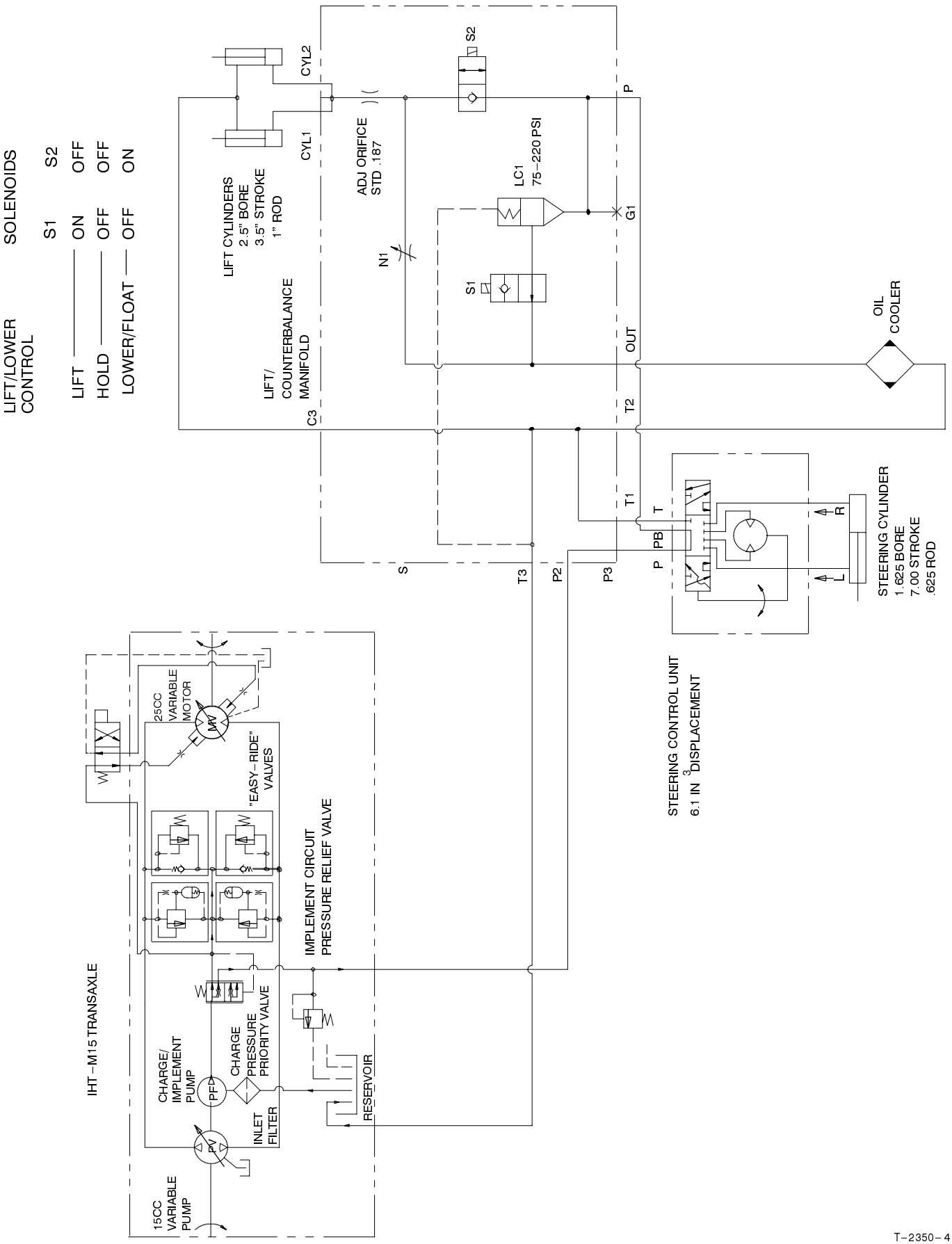
Ref. No.	Part No.	Qty.	Description

Electrical Schematic



T–2262–7

Hydraulic Schematic



T-2350-4

Maintenance Record

Date								

Maintenance Record

Date								

Maintenance Record

Date								


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