



Groundsmaster[®] 4000-D

Traction Unit

Model No. 30410-220000001 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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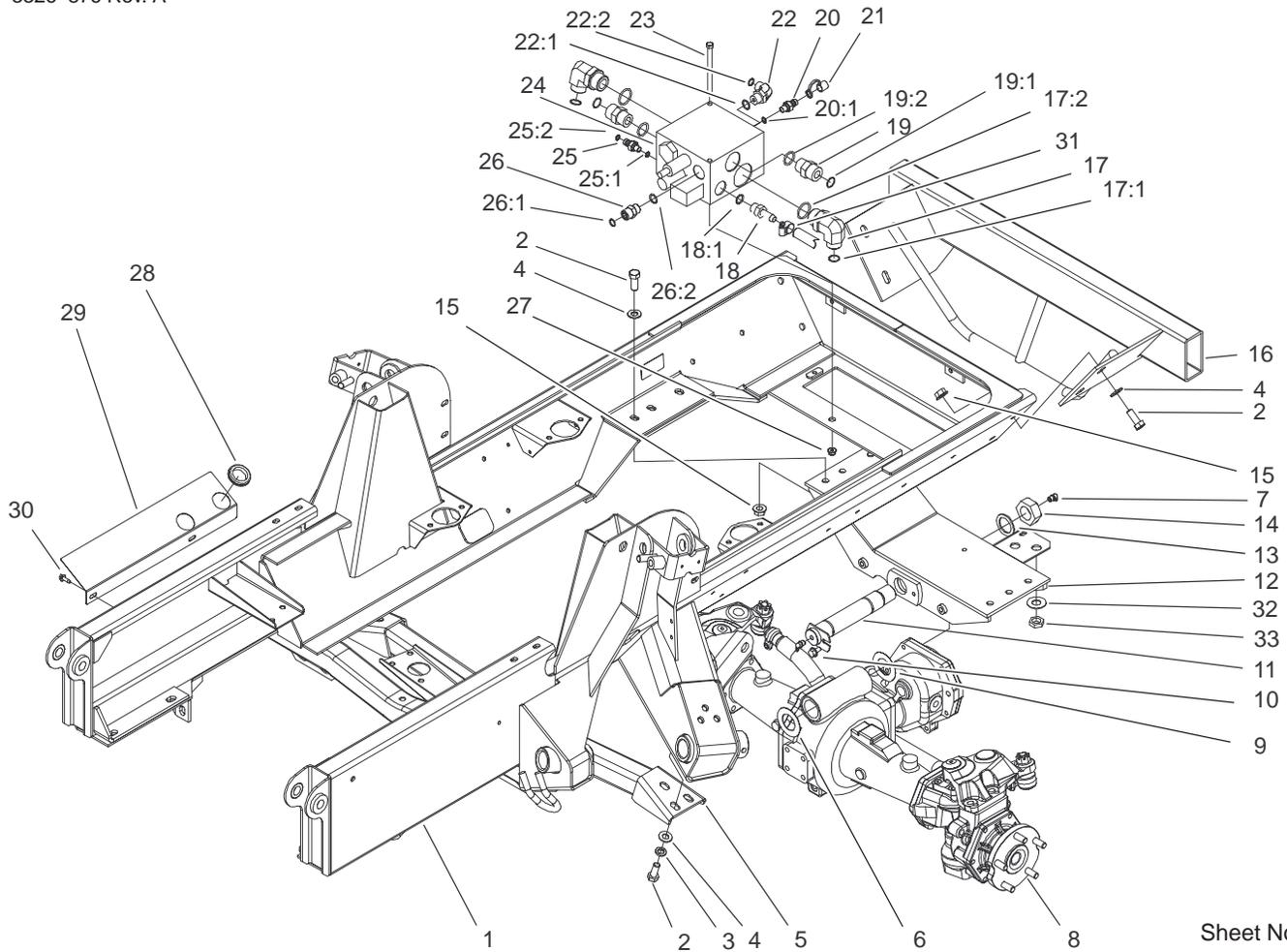
Accessories

Description	Model / Part No.	Description	Model / Part No.
Guardian Recycler Conversion Kit	30420	Deluxe Grammer Seat Suspension	30396
Speed Control Kit	30421	Road Light Kit	30428
Center Cutting Unit	30417	Air Conditioner Mounting Kit	30427
Left Cutting	30416	Rotary Broom	30426
Right Cutting	30415	Debris Blower	30425
Seat Kit	30398	Test Box – Switch	105–2811
Armrest Kit	30707		

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

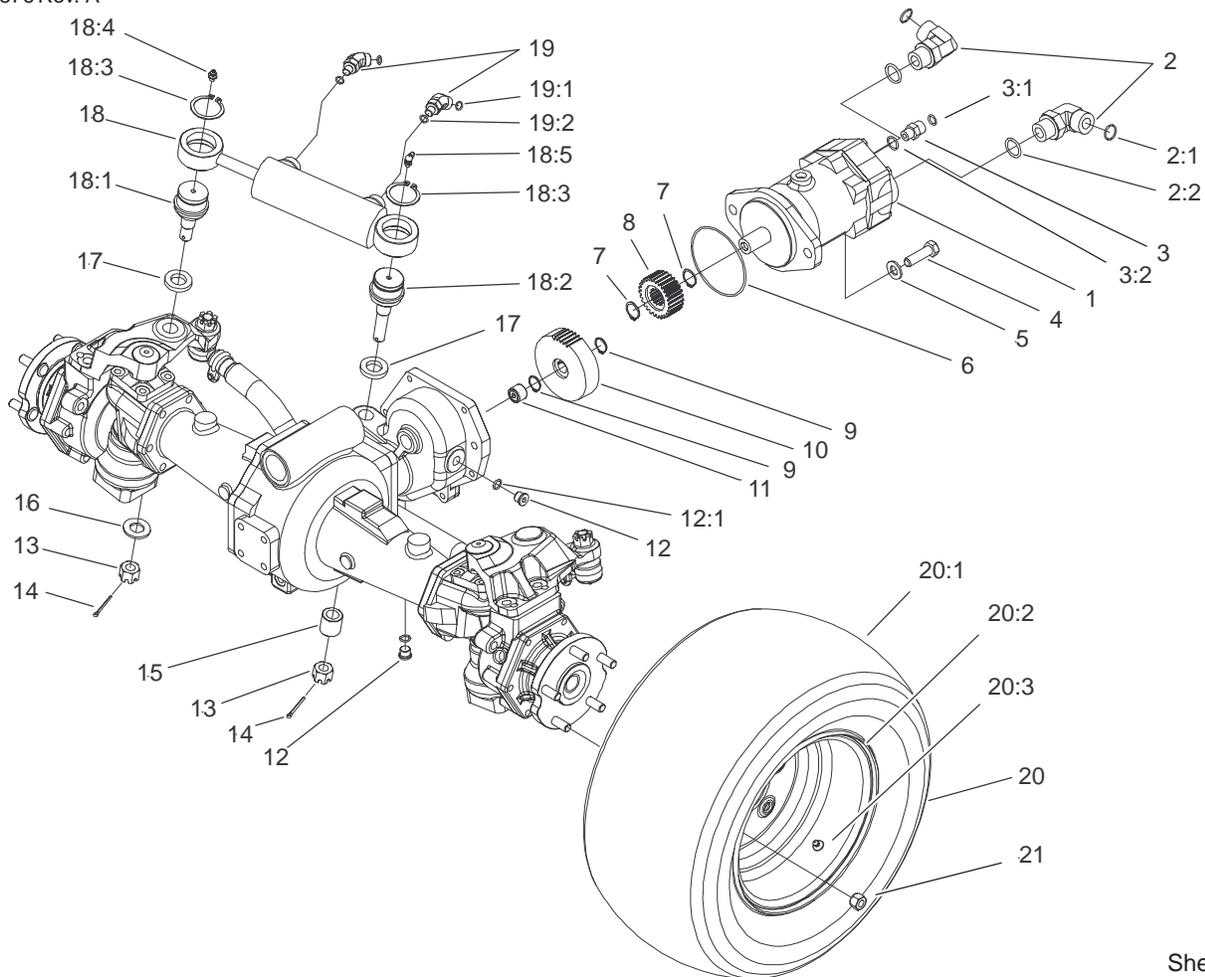


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Frame, Rear Axle Mount and Bumper Assembly

Ref. No.	Part No.	Qty.	Description
1	99-5450-03	1	Frame ASM
2	325-5	16	Screw-HH
3	3253-7	6	Washer-Lock
4	3256-26	16	Washer-Flat
5	100-8100-03	1	Support Frame ASM
6	99-8432	1	Washer-Thrust
7	302-33	2	Fitting-Grease
8	100-3784	1	Drive Axle ASM
9	99-8431	1	Washer-Thrust
10	32144-14	1	Screw-HWH
11	98-7077	1	Pin-Axle, Rear
12	100-3126-03	1	Rear Mount ASM
13	92-1765	1	Washer-Thrust
14	3296-68	1	Nut-Lock NI
15	32128-23	10	Nut-HF
16	104-7505-03	1	Bumper ASM
17	340-15	2	Adapter
17:1	237-58	1	O-Ring
17:2	237-146	1	O-Ring
18	354-121	1	Fitting-HYD, Straight
18:1	237-79	1	O-Ring
19	340-9	2	Fitting-Straight
19:1	237-58	1	O-Ring
19:2	237-81	1	O-Ring
20	354-77	1	Fitting-Quick
20:1	237-78	1	O-Ring

Ref. No.	Part No.	Qty.	Description
21	354-79	1	Cap-Dust, Yellow
22	340-98	1	Fitting-HYD, 90°
22:1	237-79	1	O-Ring
22:2	237-30	1	O-Ring
23	322-29	2	Screw-HH
24	100-3054	1	Manifold-4wd
25	340-92	1	Fitting-Straight, HYD
25:1	237-78	1	O-Ring
25:2	237-21	1	O-Ring
26	340-4	1	Adapter
26:1	237-30	1	O-Ring
26:2	237-79	1	O-Ring
27	104-8300	2	Nut-Flange, NI
28	240-3	2	Grommet-Rubber
29	104-3562-03	1	Shield-Splash
30	32104-95	2	Screw-HWH
31	2412-36	1	Clamp-Hose
32	69-8940	2	Washer
33	340-70	2	Locknut-Bulkhead



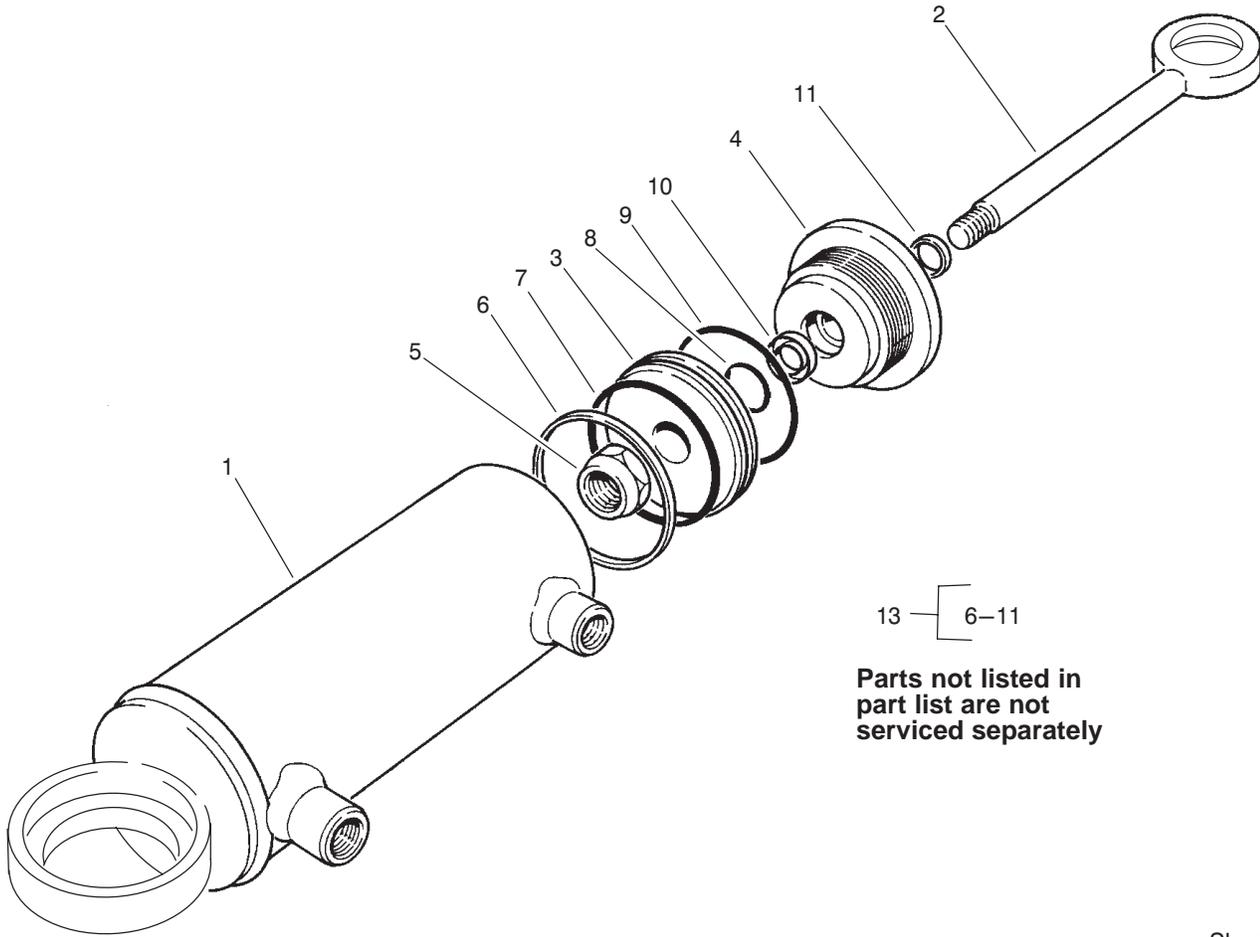
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Rear 4WD Axle and Tire Assembly

Ref. No.	Part No.	Qty.	Description
1	104-0764	1	Motor-Piston
2	340-142	2	Elbow-90°
2:1	237-58	1	O-Ring
2:2	237-81	1	O-Ring
3	340-2	1	Fitting-HYD, Straight
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring
4	325-7	2	Screw-HH
5	3256-26	2	Washer-Flat
6	237-166	1	O-Ring
7	32120-76	2	Ring-Snap, Ext
8	104-0755	1	Pinion-27t
9	32120-15	2	Ring-Snap, Ext
10	100-3053	1	Gear-45t
11	74-5700	1	Bearing-Needle, Roller
12	353-989	2	Plug-Hex, Hollow
12:1	237-42	1	O-Ring
13	32136-14	2	Nut-SHH
14	3272-12	2	Pin-Cotter
15	100-3796	1	Spacer-Joint, Ball
16	92-5836	1	Washer-Axle
17	92-5833	2	Spacer-Joint, Ball
18	105-0775	1	Steering Cylinder ASM
18:1	92-5838	1	Joint-Ball
18:2	100-3795	1	Joint-Ball

Ref. No.	Part No.	Qty.	Description
18:3	32151-104	2	Ring-Retaining, Ext
18:4	302-5	1	Fitting-Grease
18:5	302-60	1	Fitting-Lube
19	340-54	2	Elbow-45°
19:1	237-22	1	O-Ring
19:2	237-78	1	O-Ring
☆20		2	Wheel & Tire ASM
20:1	94-5236	1	Tire
20:2	100-2582	1	Rim
20:3	232-27	1	Stem-Valve
21	93-5268	10	Nut-Lug
25	3253-4	6	Washer-Lock
26	33114-020	6	Screw-HH

☆ Not serviced separately

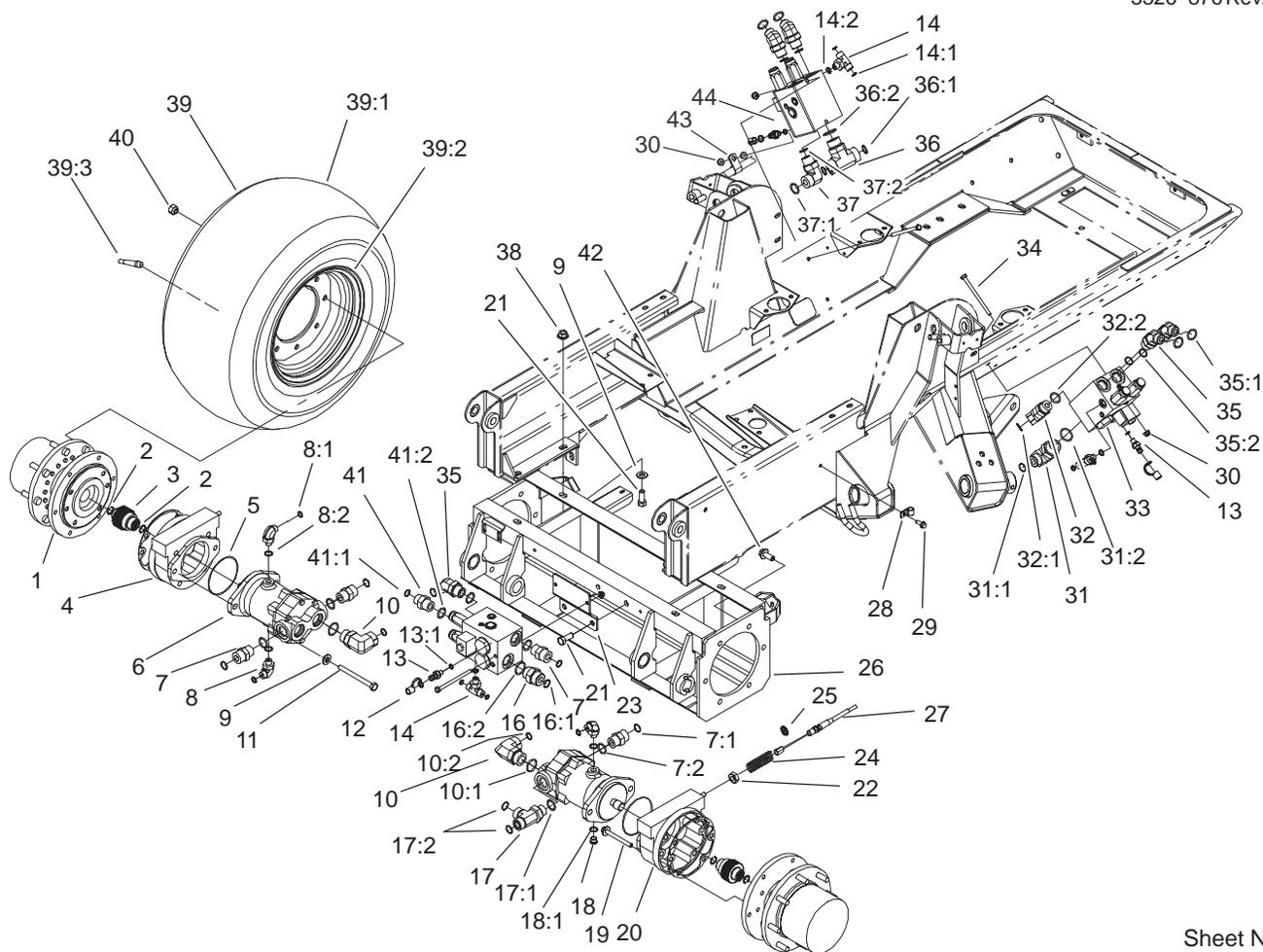


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Hydraulic Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
5	66-1930	1	Locknut
13	92-6593	1	4wd Packing Kit

Ref. No.	Part No.	Qty.	Description
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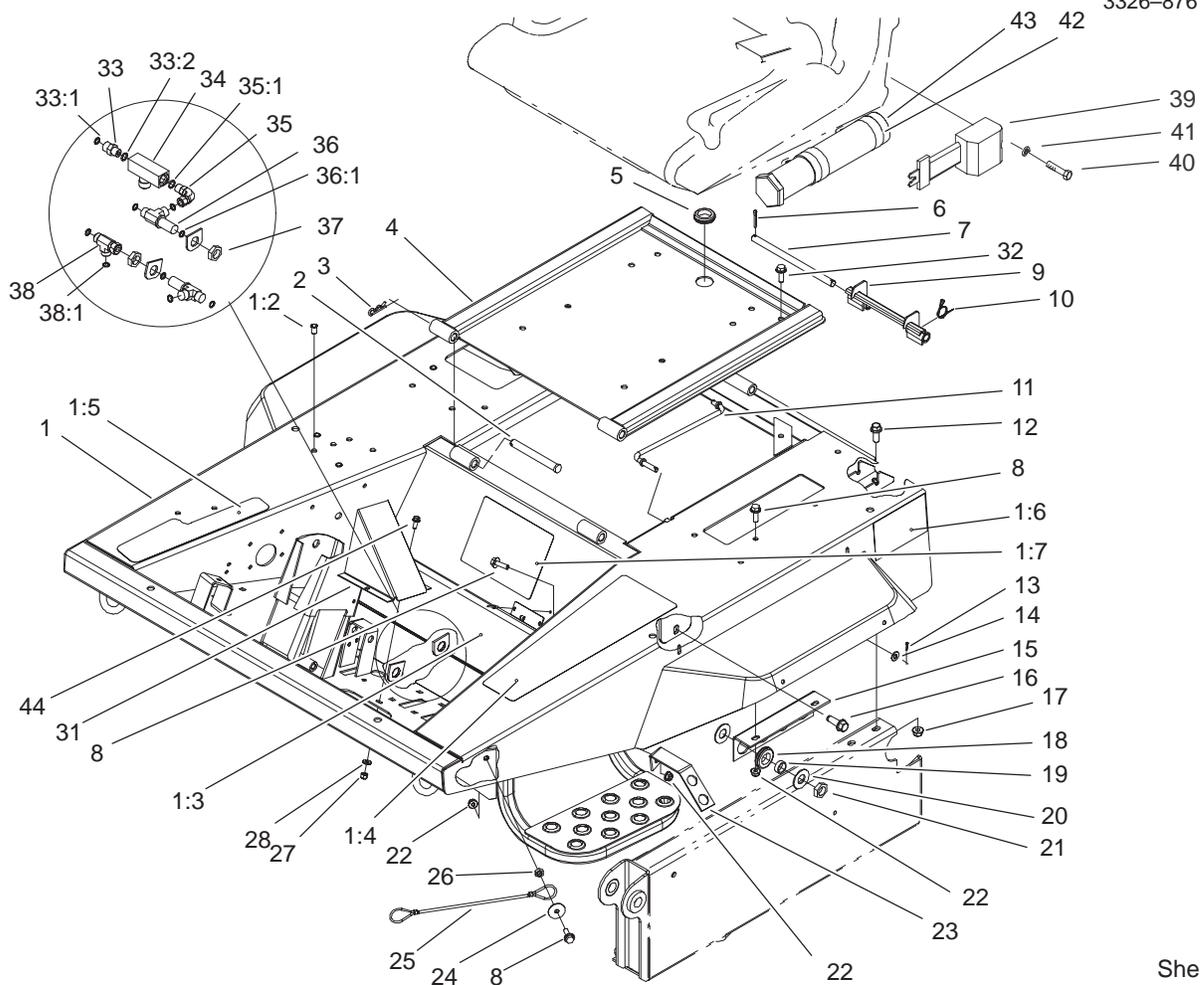


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Planetary, Brake and Tire Assembly

Ref. No.	Part No.	Qty.	Description
1	104-0722-03	2	Planetary ASM
2	93-7972	4	Ring-Retaining, Int.
3	100-3046	2	Shaft-Splined, Brake
4	100-3069	1	RH Brake ASM
5	237-166	2	O-Ring
6	100-3052	2	Motor-Piston
7	340-9	4	Fitting-Straight
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	340-99	3	Fitting-HYD, 90°
8:1	237-30	1	O-Ring
8:2	237-42	1	O-Ring
9	3256-26	10	Washer-Flat
10	340-129	2	Elbow-90°
10:1	237-146	1	O-Ring
10:2	340-65	1	O-Ring
11	33116-120	4	Screw-HH
12	354-79	3	Cap-Dust, Yellow
13	354-77	3	Fitting-Quick
13:1	237-78	1	O-Ring
14	340-94	3	Adapter
14:1	237-22	2	O-Ring
14:2	237-42	1	O-Ring
16	340-91	1	Adapter
16:1	237-58	1	O-Ring
16:2	237-146	1	O-Ring

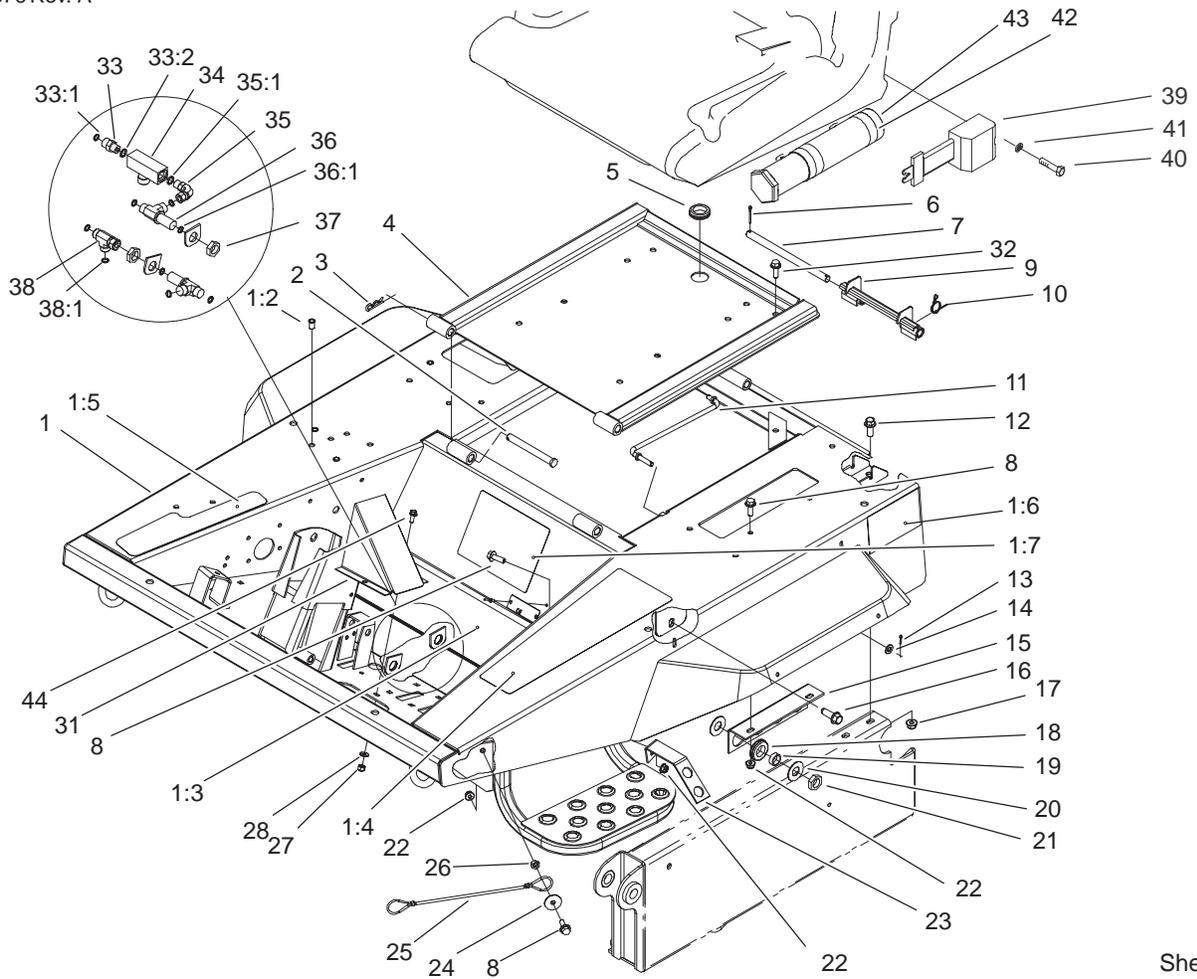
Ref. No.	Part No.	Qty.	Description
17	340-148	1	Fitting
17:1	237-81	1	O-Ring
17:2	237-58	2	O-Ring
18	353-989	1	Plug-Hex, Hollow
18:1	237-42	1	O-Ring
19	33106-090	8	Screw-HHF
20	100-3070	1	LH Brake ASM
21	325-5	8	Screw-HH
22	3218-4	2	Nut-Jam
23	104-0746-03	1	Bracket-Manifold
24	94-3088	2	Spring-Compression
25	94-3050	2	Plate-Spring
26	100-8080-03	1	Bolt-In Frame ASM
27	99-5501	2	Brake Cable ASM
28	2412-93	2	R-Clamp
29	32144-11	2	Screw-TAP
30	104-8300	7	Nut-Flange, NI
31	340-15	1	Adapter
31:1	237-58	1	O-Ring
31:2	237-146	1	O-Ring
32	100-5530	1	Fitting-45°
32:1	237-58	1	O-Ring
32:2	237-81	1	O-Ring
33	100-3055	2	Manifold-PTO
34	322-38	6	Screw-HH
35	340-156	5	Fitting-HYD



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Platform and Seat Base Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-3033	1	Platform ASM	20	69-8940	8	Washer
1:2	32148-6	14	Nut-Insert	21	340-70	4	Locknut-Bulkhead
1:3	93-5349	2	Abrasive-Floor	22	104-8300	4	Nut-Flange, NI
1:4	93-5507	1	Abrasive-Platform	23	100-5500-03	1	Support
1:5	104-3599	1	Decal-Pedal, Traction	24	3256-57	1	Washer-Flat
1:6	94-8099	2	Decal-4wd	25	93-9595	1	Lanyard
1:7	94-6323	1	Decal-Operator Instruction, Ce	26	3218-3	1	Nut-Jam
2	93-5343	2	Pin-Clevis	27	3296-42	2	Nut-Lock, NI
3	3290-355	2	Pin-Hair	28	3256-22	2	Washer-Flat
4	100-3060-03	1	Seat Plate ASM	31	100-3045-01	1	Cover-Tubes
5	240-5	1	Grommet	32	3234-4	1	Screw-HHF
6	3272-11	2	Pin-Cotter	33	340-2	1	Fitting-HYD, Straight
7	93-5366	1	Shaft-Latch	33:1	237-22	1	O-Ring
8	3234-29	4	Screw-HHF	33:2	237-42	1	O-Ring
9	93-5363	1	Latch ASM	34	98-9742	1	Valve-Control, Flow
10	93-5367	1	Spring-Torsion	35	340-110	1	Elbow-Swivel, 90°
11	93-5338	1	Rod-Prop	35:1	237-42	1	O-Ring
12	3234-42	2	Screw-HHF	36	340-68	2	Fitting-Tee, Bulkhead
13	3272-5	2	Pin-Cotter	36:1	237-22	3	O-Ring
14	3256-23	2	Washer-Flat	37	340-70	2	Locknut-Bulkhead
15	100-3149-03	1	Bracket-Bulkhead	38	340-115	1	Fitting-Tee
16	32144-67	2	Screw	38:1	237-22	2	O-Ring
17	104-8301	2	Nut-Flange, NI	39	100-4928	1	Belt-Seat
18	240-4	4	Grommet-Rubber	40	3212-4	2	Screw-HH
19	69-8970	4	Spacer	41	3253-6	2	Washer-Lock
				42	2412-133	2	R-Clamp

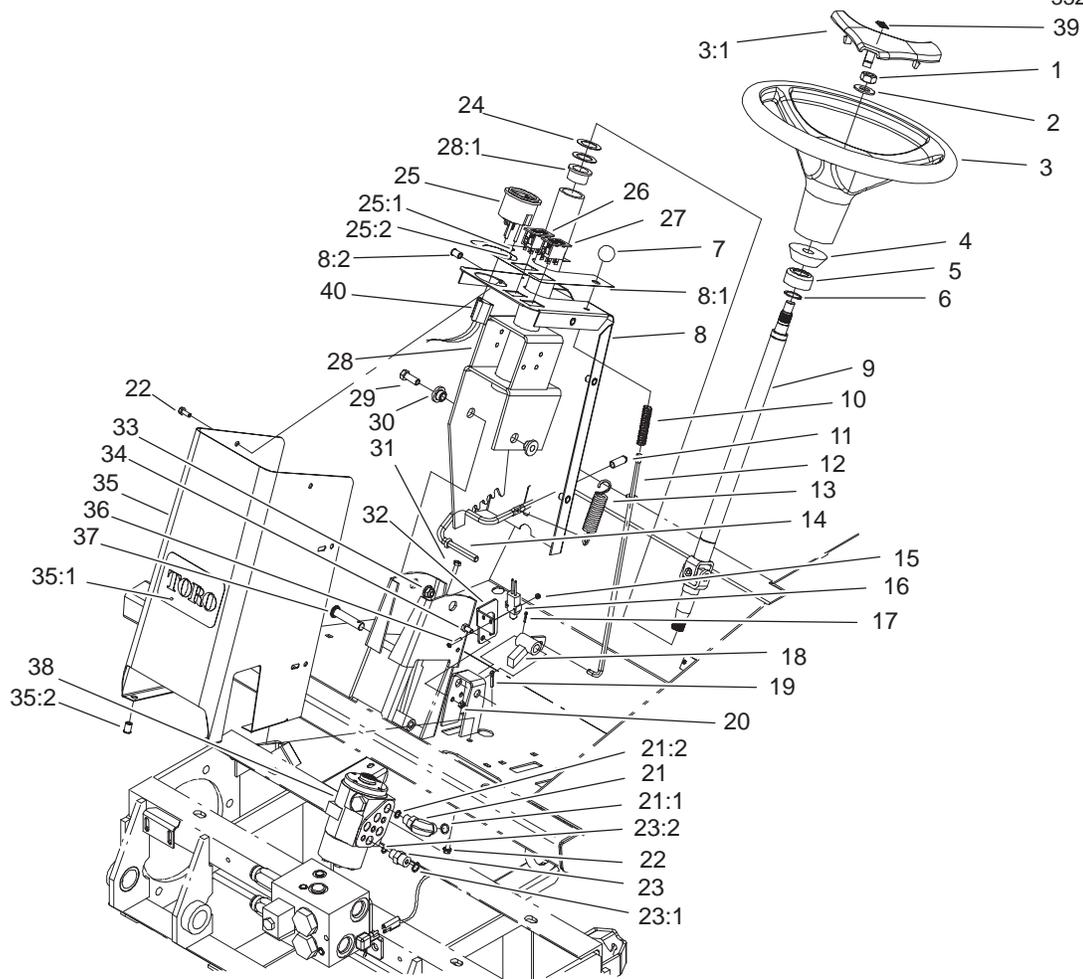


Sheet No.:5

Platform and Seat Base Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
43	74-0720	1	Tube-Manual
44	3234-33	2	Screw-HHF

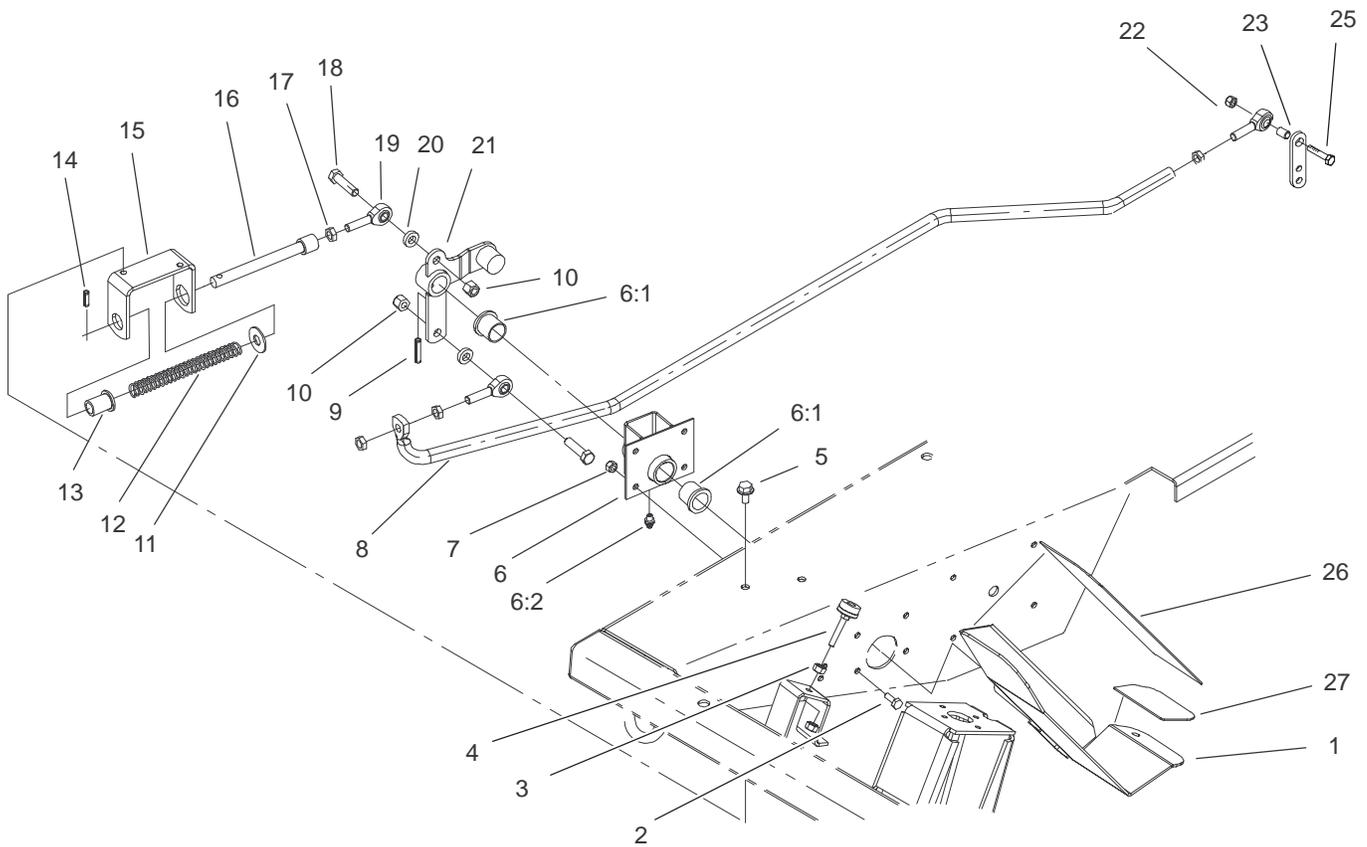
Ref. No.	Part No.	Qty.	Description



Sheet No.:6

Steering Tower Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	93-5590	1	Nut-Hex	21:2	237-42	1	O-Ring
2	3256-27	1	Washer-Flat	22	3234-33	10	Screw-HHF
3	98-1471	1	Wheel-Steering	23	340-2	4	Fitting-HYD, Straight
3:1	98-1468	1	Cover-Wheel, Steering	23:1	237-22	1	O-Ring
4	93-5429	1	Collar-Foam	23:2	237-42	1	O-Ring
5	93-5439	1	Seal-Steering	24	256-260	4	Washer-Thrust
6	32151-29	2	Ring-Retaining	25	98-9308	1	Gauge-Temperature
7	93-5312	1	Knob	25:1	3254-1	3	Washer-Lock, Internal
8	104-2274	1	Tower Cover ASM	25:2	3217-27	3	Nut-Hex
8:1	104-2277	1	Decal-Tower	26	100-8070	1	Lamp-Warning
8:2	32148-6	6	Nut-Insert	27	100-8071	1	Lamp-Warning
9	93-5428	1	Steering Shaft ASM	28	104-8332	1	Steering Column ASM
10	71-8310	1	Spring-Compression	28:1	256-132	2	Bushing-Flange
11	93-5446	1	Cap-Vinyl	29	323-6	2	Screw-HH
12	104-8308	1	Rod ASM	30	93-5988	2	Hub-Pivot
13	93-5985	1	Spring-Extension	31	33103-016	4	Screw-HHF
14	93-5989	1	Rod-Tilt	32	104-0128	1	Bracket-Switch
15	3296-9	2	Nut-Lock NI	33	104-8301	2	Nut-Flange, NI
16	99-3410	1	Switch	34	321-3	2	Screw-HH
17	3272-5	1	Pin-Cotter	35	100-3038	1	Steering Tower ASM
18	93-5276-03	1	Brake Pawl ASM	35:1	67-1300	1	Decal-Toro
19	3272-10	1	Pin-Cotter	35:2	32148-6	4	Nut-Insert
20	3296-42	2	Nut-Lock, NI	36	3250-35	2	Screw-PPH
21	340-77	1	Fitting-HYD, 90°	37	283-5	1	Pin-Clevis
21:1	237-22	1	O-Ring	38	104-2213	1	Valve-Steering
				39	98-1459	1	Decal-Toro

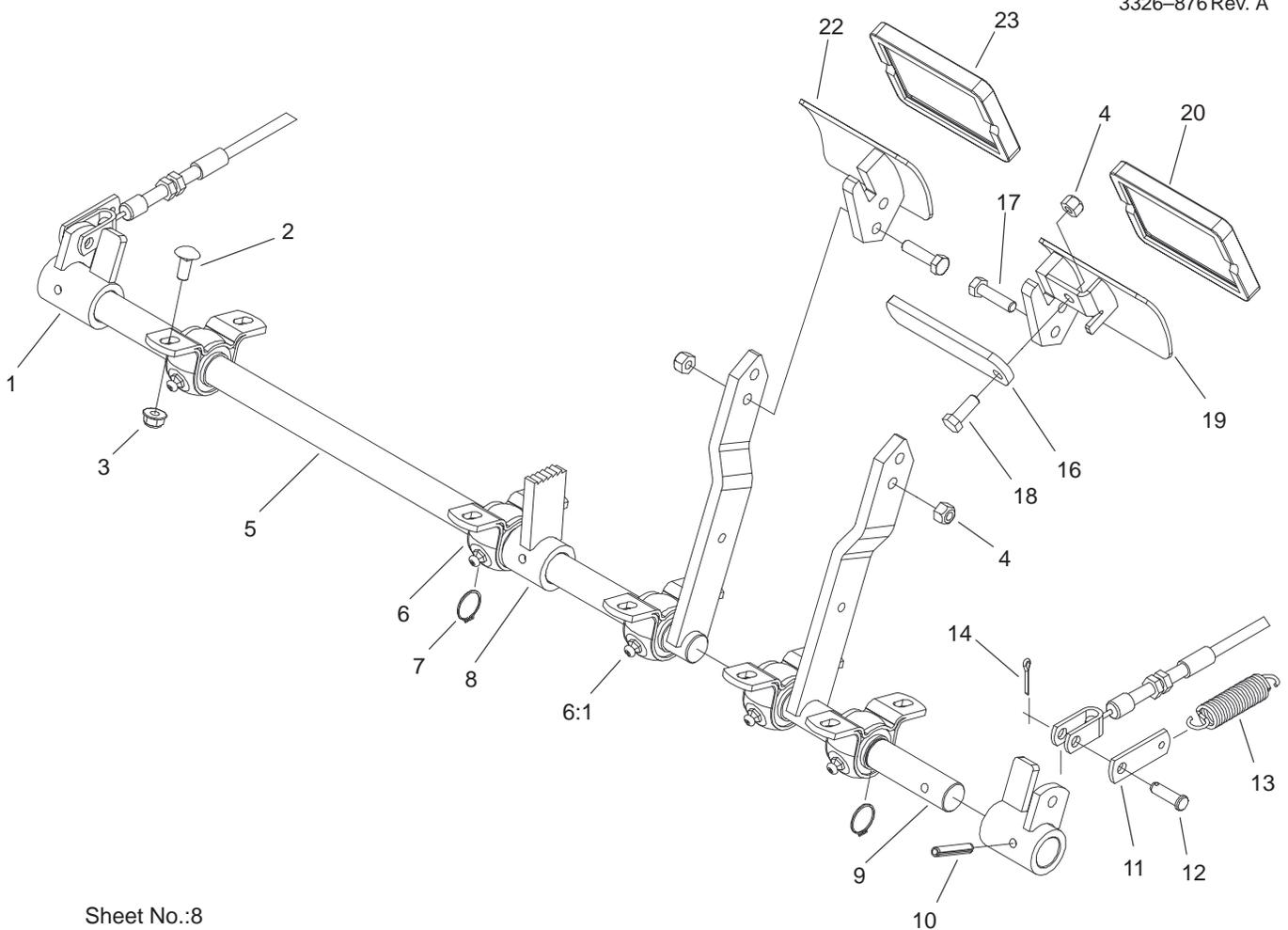


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Traction Pedal and Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5133-01	1	Traction Pedal ASM
2	321-4	4	Screw-HH
3	3217-6	2	Nut-Hex
4	32141-36	1	Screw-Adjust, Level
5	32144-14	2	Screw-HWH
6	104-3565	1	Pedal Bracket ASM
6:1	256-10	2	Bushing-Flange
6:2	302-5	1	Fitting-Grease
7	3296-42	4	Nut-Lock, NI
8	100-3136-03	1	Rod-Traction
9	32121-9	1	Pin-Spring
10	3296-39	2	Nut-Lock, NI
11	3256-5	1	Washer-Flat
12	84-9100	1	Spring
13	92-7610	1	Retainer-Spring
14	32121-11	1	Pin-Roll
15	100-3137-03	1	Bracket-Spring
16	92-7609	1	Shaft-Spring
17	3220-3	4	Nut-Jam
18	323-8	2	Screw-HH
19	2411-36	3	Bearing-End, Rod
20	80-7730	2	Spacer
21	100-3138	1	Lever-Traction
22	3296-42	1	Nut-Lock, NI
23	104-7517	1	Spacer
25	321-9	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
26	93-5347	1	Abrasive-Pedal
27	93-5368	1	Abrasive-Pedal

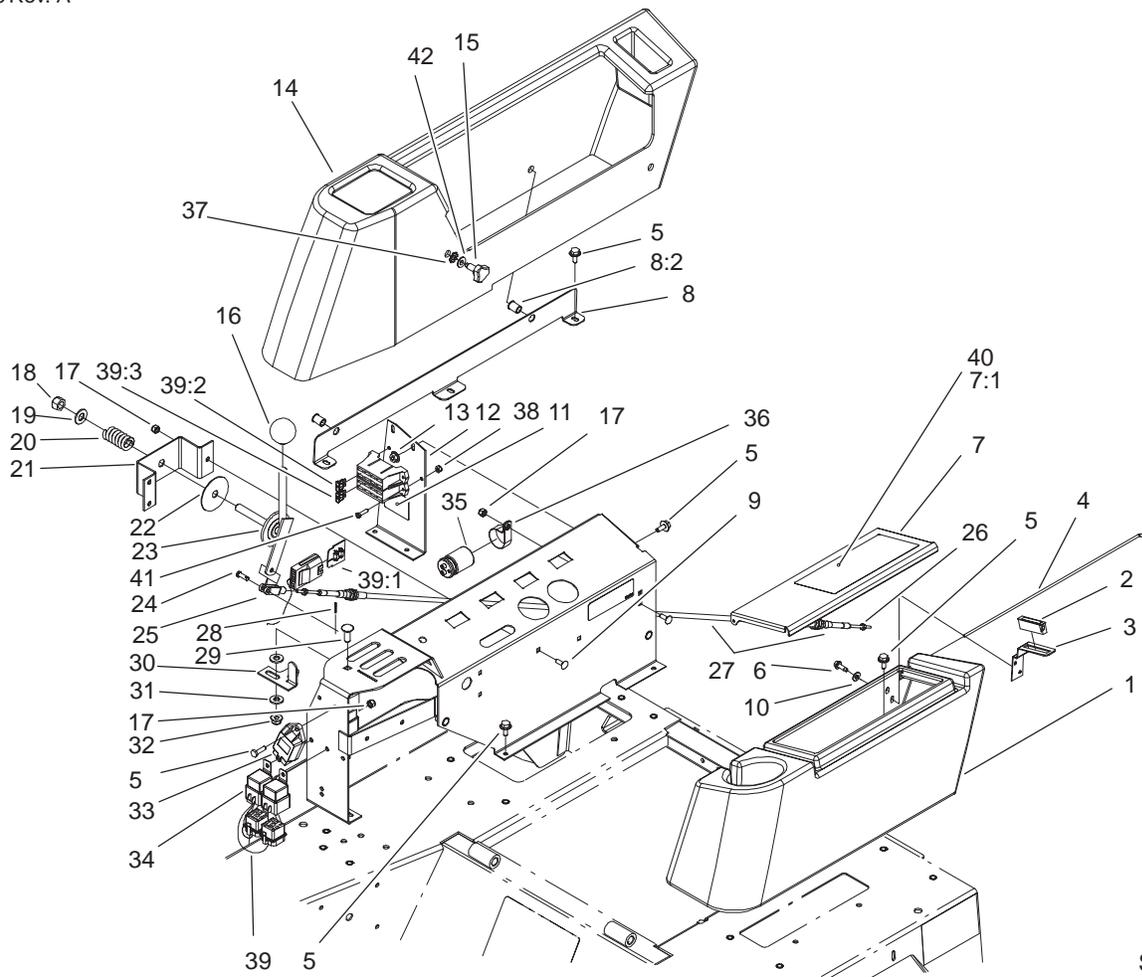


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Brake Pedal and Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3002-03	2	Brake Lever ASM
2	3230-20	10	Screw-CARR
3	104-8300	10	Nut-Flange, NI
4	3296-29	5	Nut-Lock, NI
5	100-3000-03	1	RH Brake Arm ASM
6	93-4849	5	Bearing-Block, Pillow
6:1	302-5	1	Fitting-Grease
7	32151-83	3	Ring-Snap
8	93-5475-03	1	Brake Latch ASM
9	100-2997-03	1	LH Brake Arm ASM
10	32121-15	3	Pin-Roll
11	100-5540	2	Strap-Brake
12	283-61	2	Pin-Yoke
13	93-5262	2	Spring-Extension
14	3272-6	2	Pin-Cotter
16	93-5568	1	Arm-Lock
17	322-6	4	Screw-HH
18	322-4	1	Screw-HH
19	105-4553-03	1	LH Pedal ASM
20	27-7570	1	Pad-Turn, Left
22	105-4554-03	1	RH Pedal ASM
23	27-7580	1	Pad-Turn, Right

Ref. No.	Part No.	Qty.	Description

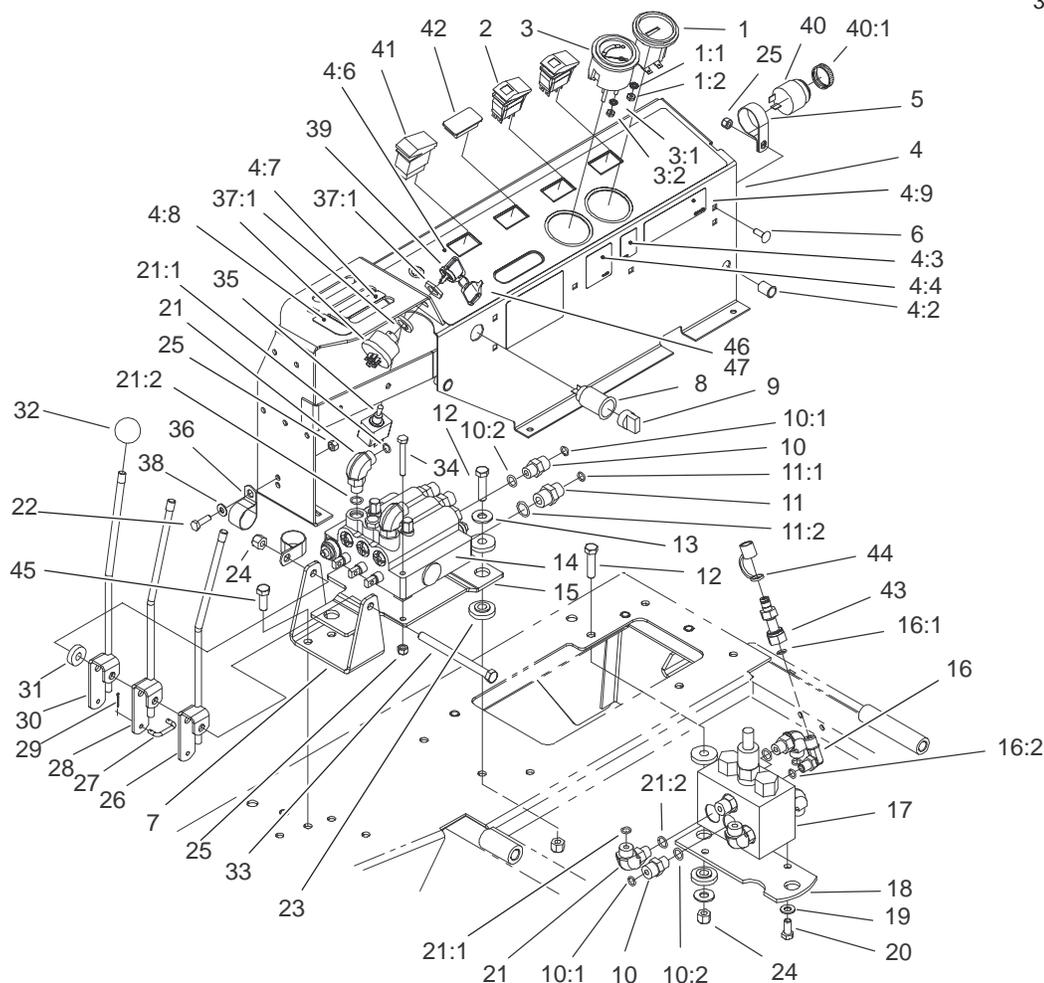


Sheet No.:9

Control Console and Tool Box Assembly

Ref. No.	Part No.	Qty.	Description
1	104-7515	1	Housing-Box, Tool
2	58-4250	1	Catch-Magnetic
3	104-7545	1	Bracket-Latch
4	104-7548	1	Rod-Hinge
5	3234-4	19	Screw-HHF
6	32104-95	2	Screw-HWH
7	104-8321	1	Tool Box Cover ASM
7:1	93-5622	1	Decal-Warning
8	105-0780	1	Console Support ASM
8:2	32148-9	2	Insert-Nut
9	3229-1	5	Screw-CARR
10	3256-22	2	Washer-Flat
11	104-8323	1	Decal-Fuses
12	105-0785-03	1	Support-Panel, Control
13	32128-33	2	Nut-HF
14	104-7514	1	Housing-Console
15	95-9648	4	Knob
16	233-48	1	Knob
17	3296-42	9	Nut-Lock, NI
18	3296-23	1	Nut-Lock, NI
19	3256-26	1	Washer-Flat
20	3-8596	1	Spring-Compression
21	104-7539-03	1	Bracket-Pivot
22	3-2858	1	Disc-Friction
23	104-7538	1	Throttle Lever ASM

Ref. No.	Part No.	Qty.	Description
24	283-67	2	Pin-Clevis
25	282-28	2	Clevis-Adjustable
26	3219-14	2	Nut-Hex
27	104-7547	1	Cable-Throttle
28	3272-1	2	Pin-Cotter
29	3231-22	1	Screw-CARR
30	104-7543	1	Stop-Lever, Lift
31	66-2920	2	Washer-Friction
32	104-8301	1	Nut-Flange, NI
33	98-7611	1	Controller-Glow
34	70-1480	6	Relay
35	37-2690	2	Capacitor
35:1	3252-18	2	Screw
35:2	3254-1	2	Washer-Lock, Internal
36	2412-74	2	R-Clamp
37	32151-72	4	Ring-Retaining
38	3296-2	2	Nut-Lock
39	100-5555	1	Harness-Wire, Console
39:1	218-573	1	Fuse-5 Amp
39:2	218-578	4	Fuse-10 Amp
39:3	92-3188	1	Diode-Board, Circuit
40	93-5620	1	Decal-Warning
41	32105-13	2	Screw-SHH
42	3256-3	4	Washer-Flat



Sheet No.:10

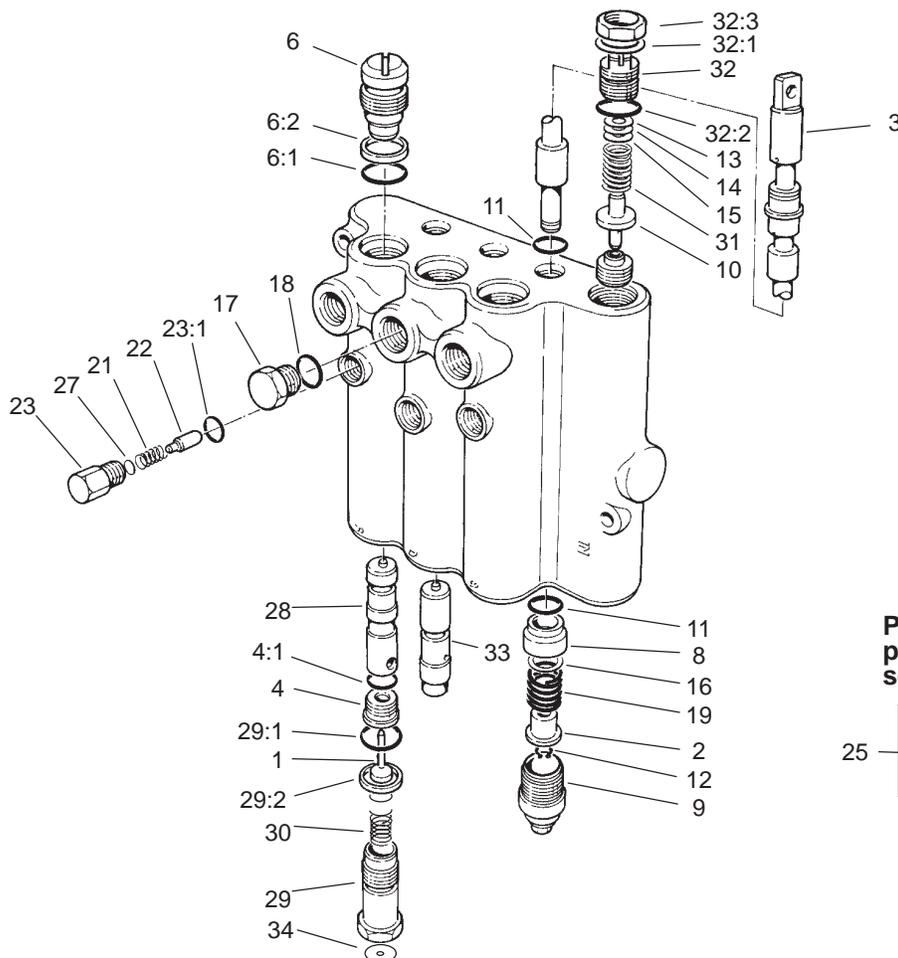
Control Console Assembly

Ref. No.	Part No.	Qty.	Description
1	66-2950	1	Gauge-Hourmeter
1:1	3255-20	2	Washer-Lock
1:2	3217-25	2	Nut-Hex
*☆1:3		1	Clamp-Gauge
2	100-8072	2	Switch
3	98-9339	1	Gauge-Fuel
3:1	3254-1	3	Washer-Lock, Internal
3:2	3217-27	3	Nut-Hex
4	105-0779	1	Control Panel ASM
4:2	32148-9	2	Insert-Nut
4:3	93-7252	1	Decal-International
4:4	105-4674	1	Decal-Noise, Intl
4:6	105-0781	1	Decal-Panel, Control
4:7	104-8324	1	Decal-Lift
4:8	104-8325	1	Decal-Lock
4:9	104-0131	1	Decal-Ansi
5	2412-74	1	R-Clamp
6	3229-1	1	Screw-CARR
7	105-0788-03	1	Bracket-Pivot
8	99-7411	1	Point-Power
9	99-7416	1	Cap
10	340-2	5	Fitting-HYD, Straight
10:1	237-22	1	O-Ring
10:2	237-42	1	O-Ring
11	340-3	1	Adapter
11:1	237-22	1	O-Ring

Ref. No.	Part No.	Qty.	Description
11:2	237-79	1	O-Ring
12	323-8	5	Screw-HH
13	3256-4	5	Washer-Flat
14	105-4563	1	Control Valve ASM
15	105-0789-03	1	Bracket-Valve
16	340-97	1	Fitting-HYD, 90°
16:1	237-22	1	O-Ring
16:2	237-78	1	O-Ring
17	104-0788	1	Valve ASM
18	104-2231-03	1	Plate-Valve
19	3256-23	2	Washer-Flat
20	322-3	2	Screw-HH
21	340-77	6	Fitting-HYD, 90°
21:1	237-22	1	O-Ring
21:2	237-42	1	O-Ring
22	321-5	1	Screw-HH
23	240-11	10	Grommet-Mount, Tank
24	3296-39	8	Nut-Lock, NI
25	3296-42	4	Nut-Lock, NI
26	100-3123	1	LH Lever ASM
27	69-9140	3	Link-Levers, Valve
28	100-3122	1	Center Lever ASM
29	3272-1	6	Pin-Cotter
30	100-3121	1	RH Lever ASM
31	62-6660	1	Spacer

☆ Not serviced separately

* Not illustrated



Parts not listed in part list are not serviced separately

- 25 — 1, 3, 4:1, 6:1; 6:2
11, 12, 18, 23:1
29:1, 29:2, 32:2

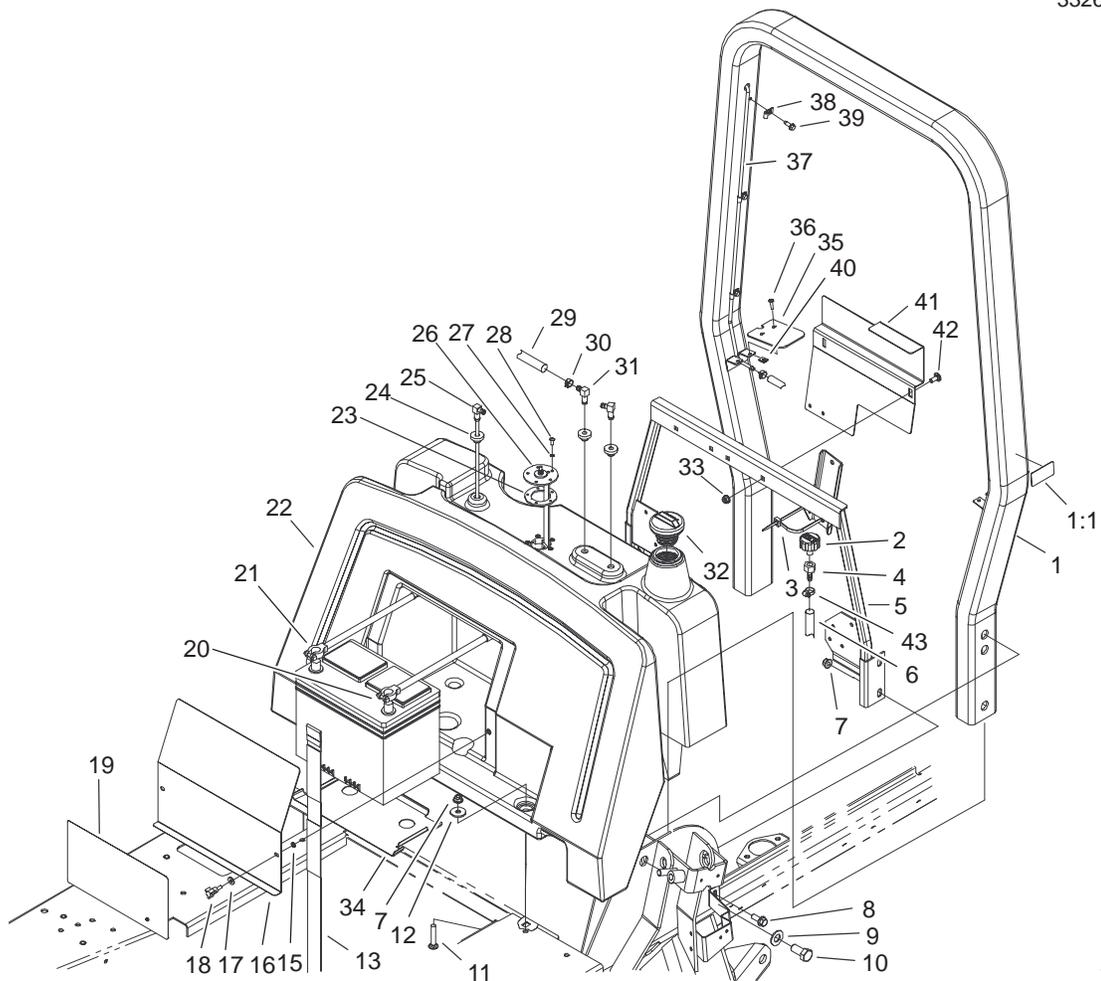
Control Valve Assembly No. 105-4563

T-3832
Sheet No.:B2

Ref. No.	Part No.	Qty.	Description
1	58-6290	3	Poppet
2	58-6310	3	Spacer
3	58-6320	3	Wiper
4	58-6330	3	Seat
4:1	58-6340	1	O-Ring
6	58-6350	3	Plug
6:1	60-5720	1	O-Ring
6:2	58-6370	1	Washer
8	58-6400	3	Bushing
9	58-6420	3	Cap
10	58-6440	1	Poppet
11	58-6450	6	O-Ring
12	58-6460	3	Ring
13	58-6470	1	Washer
14	58-6480	1	Washer
15	58-6490	1	Washer
16	58-6700	3	Washer
17	58-6710	1	Plug
18	58-6720	1	O-Ring
19	58-6730	3	Spring
21	58-6760	3	Spring
22	58-6770	3	Plunger
23	58-6780	3	Plug
23:1	58-6790	1	O-Ring
25	60-3780	1	Seal Kit
27	60-6450	1	Disc

Ref. No.	Part No.	Qty.	Description
28	69-1790	2	Plunger
29	69-1800	3	Plug ASM
29:1	58-6360	1	O-Ring
29:2	58-6370	1	Washer
30	69-1810	3	Spring
31	69-1820	1	Spring
32	69-1830	1	Plug ASM
☆32:1		1	Washer
32:2	58-6750	1	O-Ring
☆32:3		1	Nut-Lock
33	69-1840	1	Plunger
34	105-4565	2	Plate-Orifice

☆ Not serviced separately

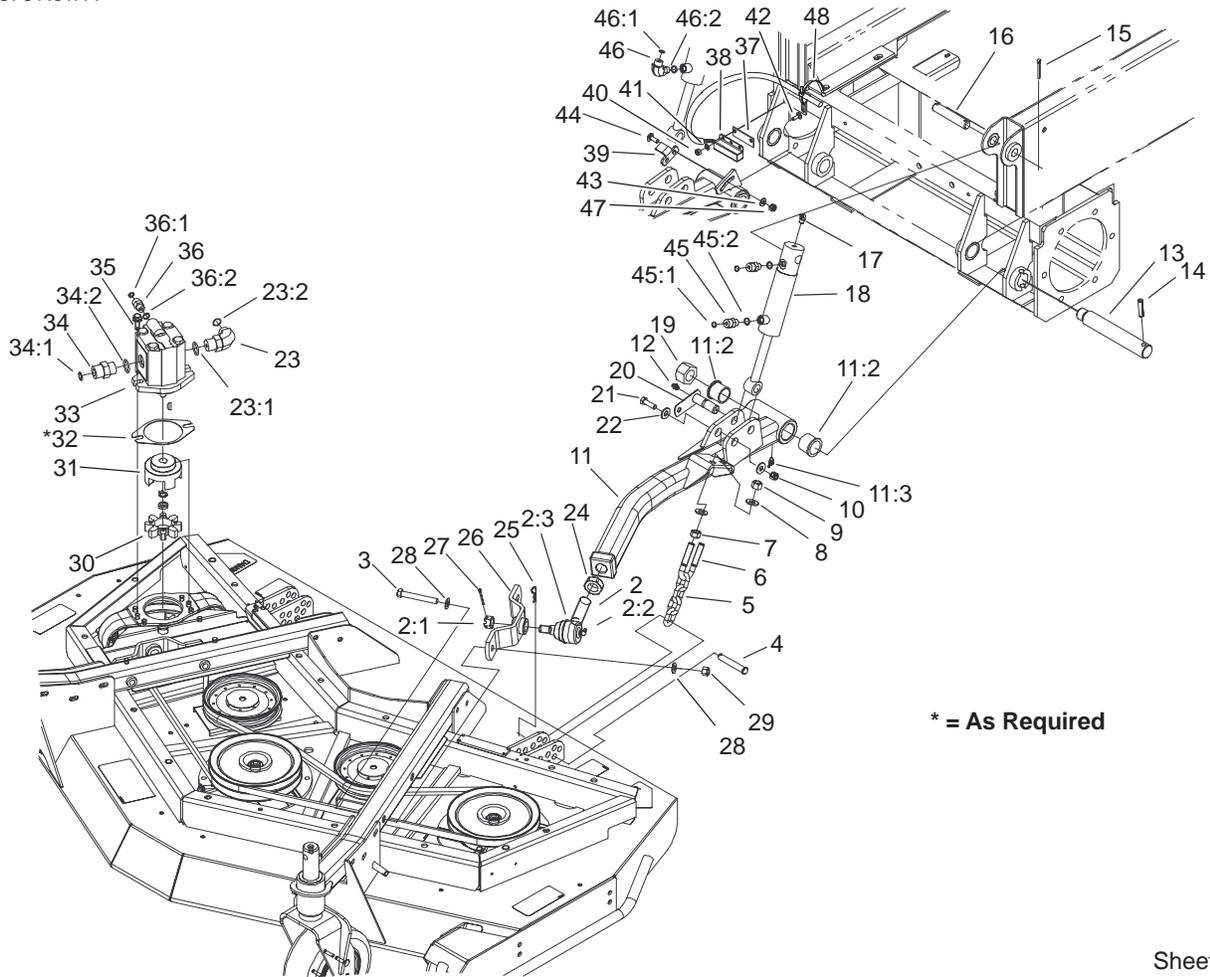


Sheet No.:11

Fuel Tank, Battery and Roll Over Protection System (ROPS) Assembly

Ref. No.	Part No.	Qty.	Description
1	105-2849	1	Rops ASM
1:1	105-2834	1	Decal-Rops
2	68-6150	1	Breather-Air
3	3290-378	1	Tie-Cable
4	354-95	1	Hose-Female, Barbed
5	104-0714-03	1	Tank Support ASM
6	95-4274	1	Hose-Fuel
7	104-8301	6	Nut-Flange, NI
8	3234-42	4	Screw-HHF
9	3256-27	4	Washer-Flat
10	327-3	4	Screw-HH
11	3231-6	2	Screw-CARR
12	63-8410	2	Washer
13	94-1445	1	Strap-Battery
15	32151-106	2	Ring-Retaining
16	104-0717-03	1	Cover-Battery
17	3256-22	2	Washer-Flat
18	233-70	2	Knob-3 Star
19	104-8336	1	Decal-Service
20	104-0761	1	Cable-Negative
21	104-0760	1	Cable-Positive
22	100-8119	1	Tank-Fuel
23	62-7650	1	Gasket
24	46-6560	3	Bushing

Ref. No.	Part No.	Qty.	Description
25	104-0701	1	Pipe-Stand
26	104-0700	1	Sender-Fuel
27	3253-15	5	Washer-Lock/Sp
28	32122-24	5	Screw-Pth
29	47-2986	1	Hose-Fuel, 18.5"
30	2412-146	2	Clamp-Hose
31	100-1596	2	Fitting-90°
32	93-3102	1	Cap-Fuel
33	104-8300	2	Nut-Flange, NI
34	105-0774-03	1	Plate-Battery
35	104-8319	2	Cover-Tank
36	3250-13	4	Screw-PPH
37	104-0718	1	Tube-Vent
38	2412-72	3	Clip-Closed, Insulated
39	32104-95	3	Screw-HWH
40	3290-191	4	Nut-Speed
41	104-2286-03	1	Bracket-Tank, Fuel
42	3230-1	2	Screw-CARR
43	2412-108	1	Clamp-Worm



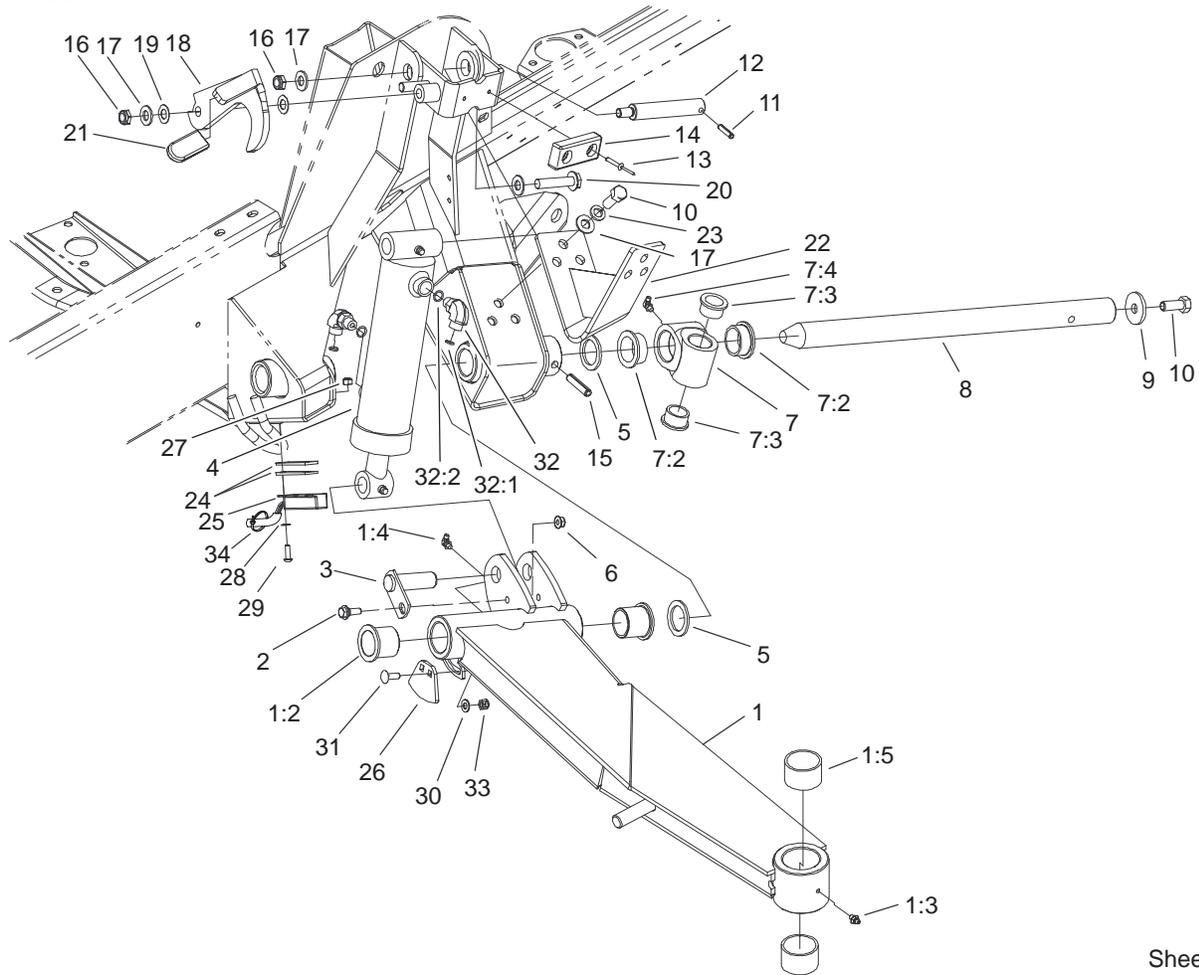
Sheet No.:12

Front Deck Lift Arm and Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
2	86-8101-03	2	Joint-Ball, LH
2:1	32136-2	1	Nut-SHH
2:2	302-40	1	Fitting-Grease
2:3	105-7835	1	Seal
3	324-19	4	Screw-HH
4	283-55	2	Pin-Clevis
5	95-6231	2	Chain-HOC
6	104-0108	2	U-Bolt
7	3217-9	4	Nut-HH
8	3256-26	8	Washer-Flat
9	3296-25	4	Nut-Lock NI
10	3296-39	2	Nut-Lock, NI
11	100-3031	1	RH Lift Arm ASM
11	100-3032	1	LH Lift Arm ASM
11:2	104-8339	2	Bushing-Flange
11:3	302-11	1	Fitting-Lube, 45°
12	302-5	2	Fitting-Grease
13	100-3017	2	Pin-Arm, Lift
14	32121-110	2	Pin-Roll, Slotted
15	3272-23	4	Pin-Cotter
16	100-5559	2	Pin-Lift, Upper
17	302-33	2	Fitting-Grease
18	100-3016	2	Cylinder-HYD
19	3296-49	2	Nut-Lock NI
20	100-3020	2	Pin ASM
21	323-7	2	Screw-HH

Ref. No.	Part No.	Qty.	Description
22	3256-4	4	Washer-Flat
23	340-139	5	Fitting-HYD, 90°
23:1	237-81	1	O-Ring
23:2	237-65	1	O-Ring
24	21-3001-03	2	Nut-Jam, Push Arm
25	3290-467	2	Pin-Hair
26	93-4583-01	2	Mount-Joint, Ball
27	3272-12	2	Pin-Cotter
28	87-7480	8	Washer
29	3296-48	4	Nut-Lock NI
30	104-3542	3	Spider
31	104-3541	3	Hub-Spider
32	100-5638	3	Shim-A Mount
33	99-5489	3	Motor-Gear
34	340-8	1	Adapter
34:1	237-65	1	O-Ring
34:2	237-81	1	O-Ring
35	3234-42	6	Screw-HHF
36	340-2	3	Fitting-HYD, Straight
36:1	237-22	1	O-Ring
36:2	237-42	1	O-Ring
37	104-3595	1	Spacer-Switch
38	104-0758	1	Sensor-Ferrous
39	104-3598	1	Plate-Sensing, Front
40	3296-42	2	Nut-Lock, NI
41	3256-60	2	Washer-Flat

* = As Required

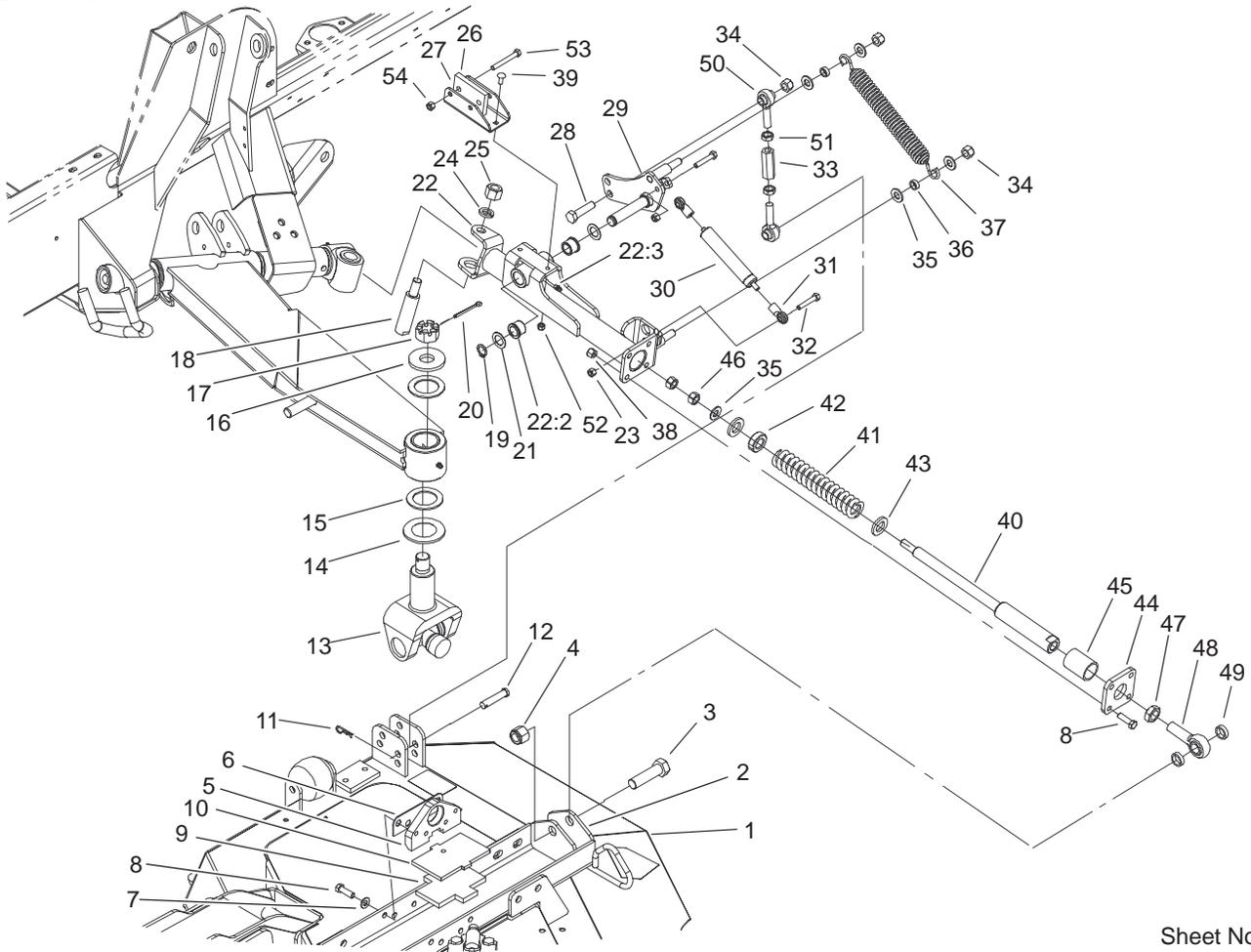


Sheet No.:13

Side Deck Lift Arm, Cylinder and Latch Assembly

Ref. No.	Part No.	Qty.	Description
1	100-8123	1	LH Lift Arm ASM
1	100-8122	1	RH Lift Arm ASM
1:2	104-8340	2	Bushing
1:3	302-5	1	Fitting-Grease
1:4	302-60	1	Fitting-Lube
1:5	104-8341	2	Bushing-Straight
2	27-0410	2	Screw-Shoulder
3	100-5674	2	Pin ASM
4	99-5496	2	Cylinder-Lift
5	256-304	4	Washer-Thrust
6	104-8300	2	Nut-Flange, NI
7	100-8115	2	Pivot Hub ASM
7:2	104-3517	2	Bushing-Flange
7:3	256-132	2	Bushing-Flange
7:4	302-60	1	Fitting-Lube
8	100-5582	2	Shaft-Pivot, Lift Arm
9	84-1560	2	Washer-Thrust
10	325-5	8	Screw-HH
11	32121-9	2	Pin-Spring
12	104-3537	2	Pin-Cylinder
13	3269-11	4	Rivet
14	86-5350	2	Bumper-Rubber
15	32121-110	2	Pin-Roll, Slotted
16	3296-45	4	Nut-Lock, NI
17	3256-26	8	Washer-Flat
18	104-3556-03	1	Latch-RH

Ref. No.	Part No.	Qty.	Description
18	104-3557-03	1	Latch-LH
19	104-3577	4	Washer-Delrin
20	3234-46	2	Screw-HHF
21	48-7081	2	Grip-Plastic
22	104-8330-03	2	Cam Bracket ASM
23	3253-7	6	Washer-Lock
24	104-3595	4	Spacer-Switch
25	104-0758	2	Sensor-Ferrous
26	105-0792	2	Plate-Sensing
27	3296-42	4	Nut-Lock, NI
28	3256-60	4	Washer-Flat
29	3274-65	4	Screw-HSBH
30	3256-23	4	Washer-Flat
31	3230-16	4	Screw-CARR
32	340-77	4	Fitting-HYD, 90°
32:1	237-22	1	O-Ring
32:2	237-42	1	O-Ring
33	3296-29	4	Nut-Lock, NI
34	3290-379	1	Tie-Cable



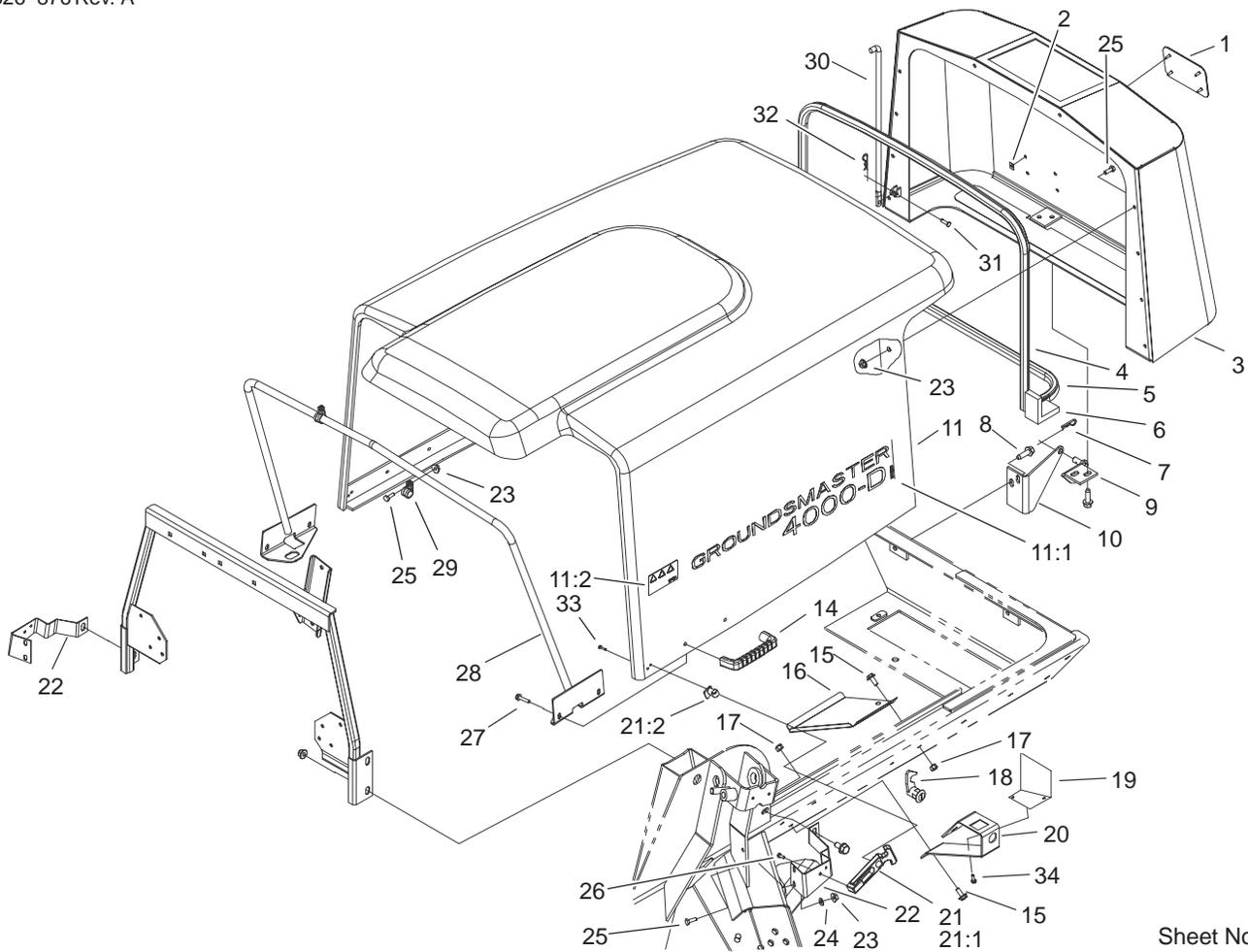
Sheet No.:14

Side Deck Lift Arm and Damper Assembly

Ref. No.	Part No.	Qty.	Description
2	100-8148-03	1	RH Mount ASM
2	100-8149-03	1	LH Mount ASM
3	328-4	2	Screw-HH
4	3296-51	2	Nut-Lock, NI
5	104-8305-03	4	Mount-Base
6	104-0731	4	Shim
7	3256-24	16	Washer-Flat
8	323-7	24	Screw-HH
9	104-8348	2	Plate-Rubber
10	104-8347-03	2	Plate
11	3290-467	2	Pin-Hair
12	92-2739	2	Pin-Clevis
13	104-0705-03	2	Yoke-Joint
13:1	104-4299	1	Cross & Bearing Kit
☆13:2		1	Yoke
14	104-0720	2	Spacer
15	104-0721	4	Washer-Thrust
16	104-0719	2	Washer-Hardened
17	32136-11	2	Nut-Hex, Slot
18	104-2281	2	Shaft-Pivot
19	32120-93	2	Ring-Retaining
20	3272-25	2	Pin-Cotter
21	3-6498	4	Washer-Thrust
22	105-2800	1	RH Rear Arm ASM
22	105-2801	1	LH Rear Arm ASM
22:1	256-113	2	Bushing-Flange

Ref. No.	Part No.	Qty.	Description
22:2	302-5	1	Fitting-Grease
23	3296-29	4	Nut-Lock, NI
24	3253-8	2	Washer-Lock
25	3296-53	2	Nut-Lock, NI
26	69-9290	10	Pad-Bumper
27	105-4556-03	2	Bracket-Bumper
28	325-8	2	Screw-HH
29	100-5690-03	1	LH Bell Crank ASM
29	100-5684-03	1	RH Bell Crank ASM
30	105-3249	2	Damper
31	104-8331	4	End-Rod, Spherical
32	322-9	4	Screw-HH
33	105-2809	2	Tube-Link
34	3296-23	6	Nut-Lock, NI
35	3256-26	10	Washer-Flat
36	104-7521	4	Bushing
37	104-7520	2	Spring-Damper
38	3296-39	8	Nut-Lock, NI
39	3229-25	4	Screw-CARR
40	105-4548	2	Shaft-Spring
41	100-8138	2	Spring-Compression
42	105-4552	2	Bearing-Plastic
43	105-4551	4	Washer-Flat
44	105-2807-03	2	Plate
45	105-4550	2	Bushing-Straight
46	3217-9	4	Nut-HH

☆ Not serviced separately

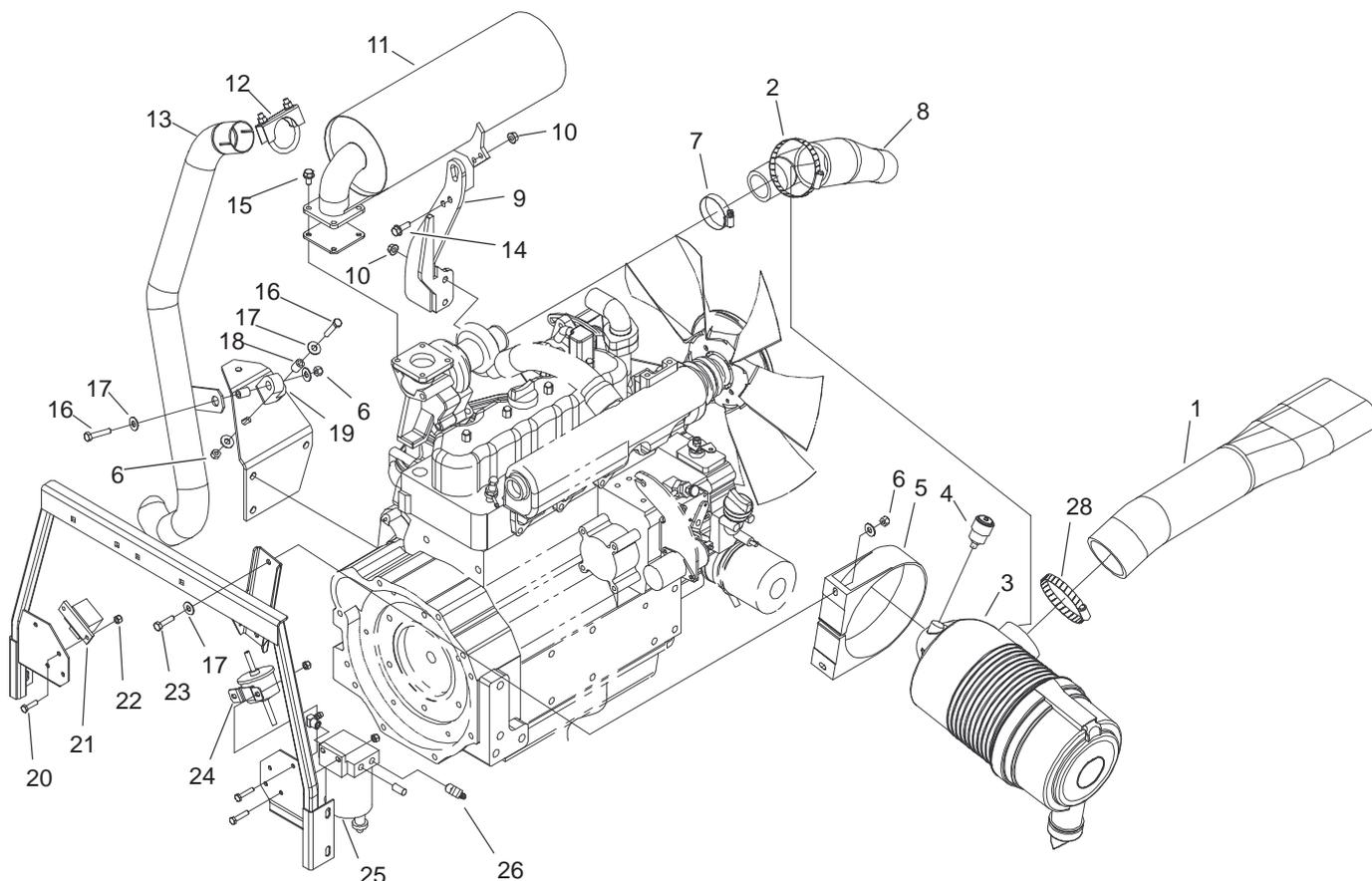


Sheet No.:15

Hood and Screen Assembly

Ref. No.	Part No.	Qty.	Description
1	93-6028	1	Plate-Logo, Toro
2	94-2638	4	Nut-Tinnerman
3	100-5506-03	1	Screen ASM
4	104-2225	1	Seal-Bulb
5	104-3590	1	Seal-Bulb
6	104-3580	2	Seal-Corner, Screen
7	3290-467	2	Pin-Hair
8	32144-109	8	Screw
9	104-3589	2	Screen Pivot ASM
10	104-3588-03	2	Pivot-Screen
11	104-8338	1	Hood ASM
11:1	104-2288	2	Decal
11:2	100-6574	1	Decal-Warning
14	65-5100	2	Handle-Door
15	3234-5	4	Screw
16	104-3560-03	1	Deflector-Filter, Oil
17	3296-29	4	Nut-Lock, NI
18	98-5398	1	Latch
19	105-4531	1	Cover-Latch
20	104-3591-03	1	Bracket-Latch, Hood
21	94-5626	2	Latch-Draw, Flexible
21:1	100-5806	1	Handle-Latch
21:2	100-5807	1	Keeper-Latch
22	104-2253-03	1	Bracket-Latch, LH
22	104-2255-03	1	Bracket-Latch, RH
23	32128-33	16	Nut-HF

Ref. No.	Part No.	Qty.	Description
24	3256-22	4	Washer-Flat
25	321-4	16	Screw-HH
26	32144-1	4	Screw-Taptite
27	46-8092	4	Screw-Plastite
28	104-3505-03	1	Hood Support ASM
29	2412-134	2	R-Clamp
30	104-8313	1	Rod-Hood
31	283-67	1	Pin-Clevis
32	3290-307	1	Pin-Hair
33	32104-4	2	Screw
34	32104-95	2	Screw-HWH

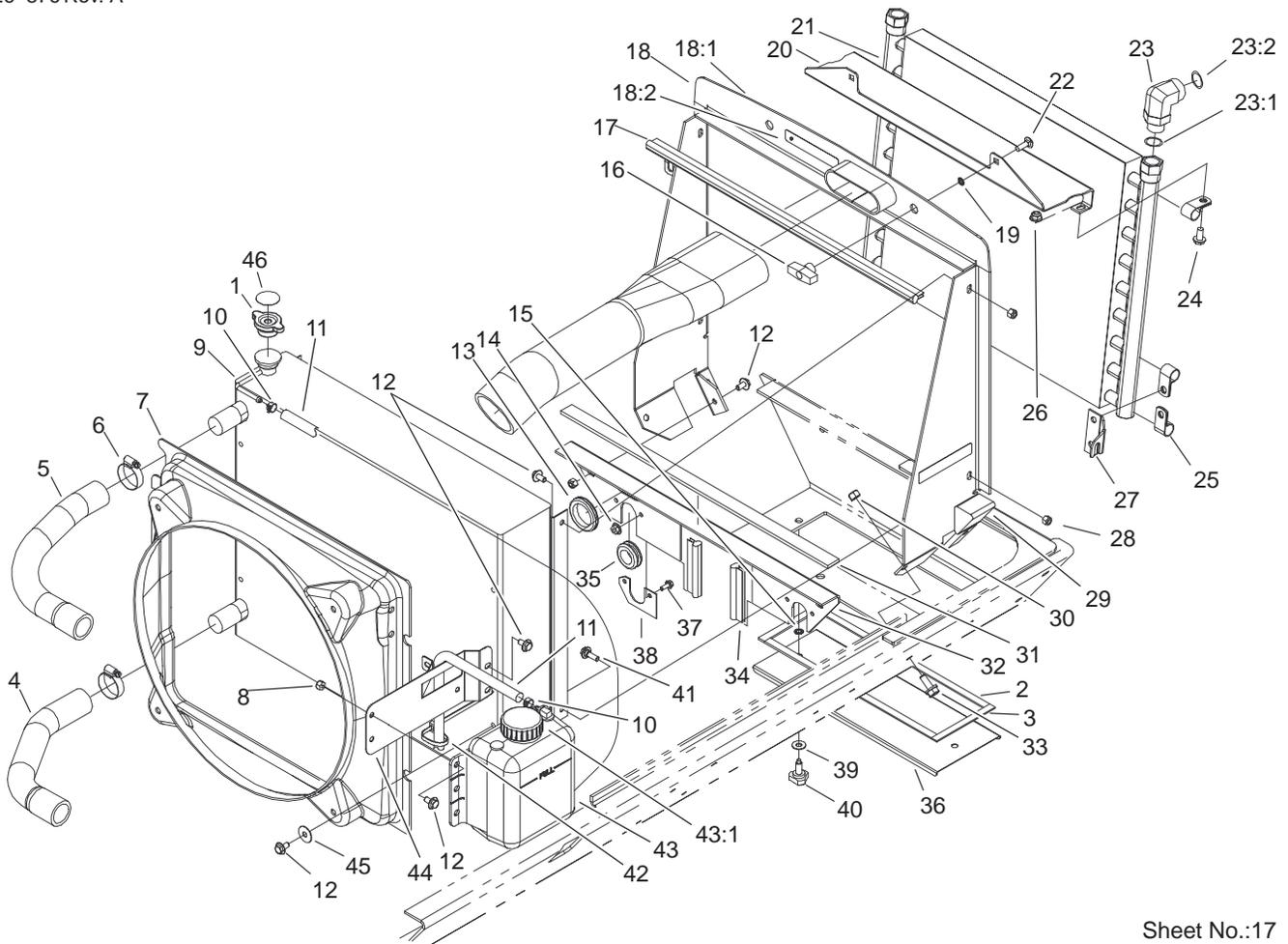


Sheet No.:16

Air Cleaner and Muffler Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-5550	1	Hose-Cleaner, Air	25	98-9305	1	Filter-Water/Fuel
2	2412-110	1	Clamp-Hose	26	353-781	2	Fitting
3	99-5410	1	Cleaner-Air	27	100-9333	1	Gasket-Muffler
4	104-3563	1	Indicator	28	2412-125	1	Clamp-Hose
*4:1	94-1416	1	Indicator Adapter ASM				
5	99-5414	1	Strap-Cleaner, Air				
6	3296-29	4	Nut-Lock, NI				
7	2412-92	1	Clamp-Hose				
8	99-5415	1	Hose-Cleaner, Air				
9	99-5421-03	1	Bracket-Mounting				
10	33004-00	4	Nut-HF				
11	99-5424	1	Muffler-Turbo				
12	18-2130	1	Clamp-Column, Steering				
13	100-5610	1	Pipe-Exhaust				
14	33104-025	2	Screw-HHF				
15	33104-016	4	Screw-HHF				
16	322-8	2	Screw-HH				
17	3256-3	8	Washer-Flat				
18	93-5023	2	Spacer				
19	95-5622	1	Hanger-Rubber				
20	321-6	6	Screw-HH				
21	66-8800	1	Relay				
22	3296-42	6	Nut-Lock, NI				
23	322-6	2	Screw-HH				
24	99-3464	1	Pump-Fuel				

* Not illustrated

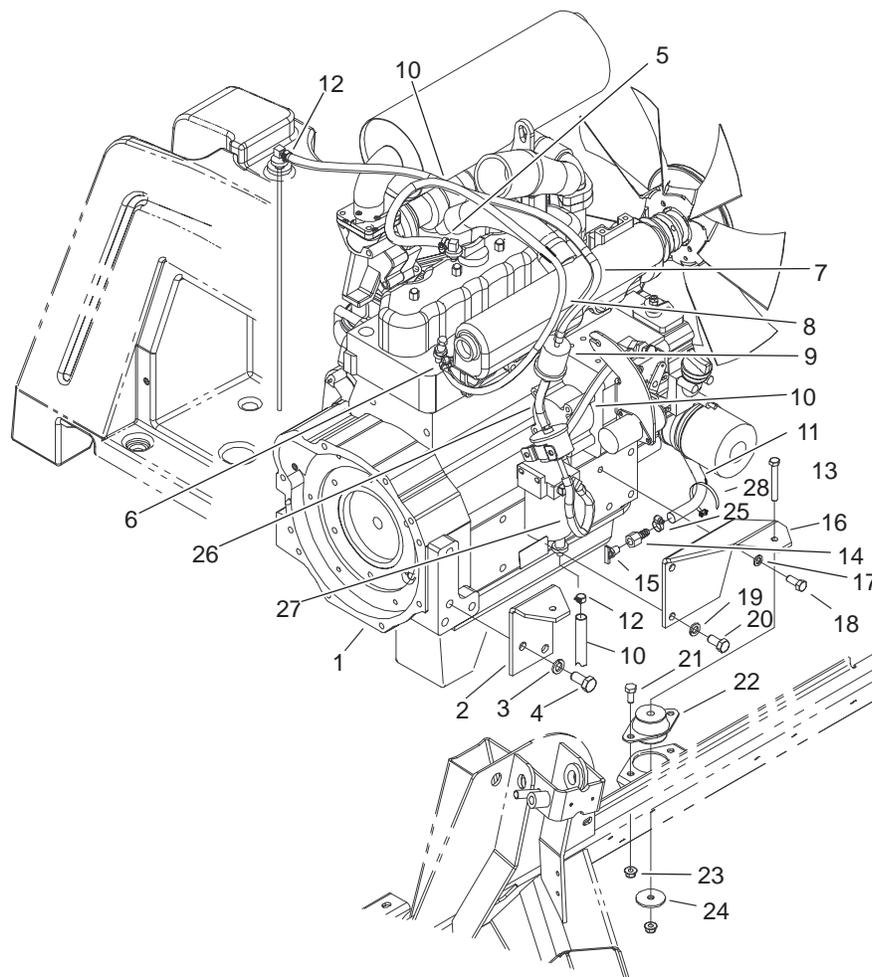


Sheet No.:17

Radiator, Oil Cooler and Support Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5957	1	Cap-Radiator
2	105-0777	2	Strip-Foam
3	105-0778	2	Strip-Foam
4	100-5546	1	Hose-Radiator, Lower
5	100-5547	1	Hose-Radiator
6	2412-111	4	Clamp
7	99-5428	1	Shroud-Radiator
8	3296-29	5	Nut-Lock, NI
9	99-5426	1	Radiator
10	92-2379	3	Clamp-Hose
11	71-3370	2	Hose-Fuel
12	3234-7	14	Screw-HHF
13	240-3	1	Grommet-Rubber
14	32128-33	4	Nut-HF
15	32151-72	2	Ring-Retaining
16	98-7134	2	Knob-Handle
17	104-2223	1	Seal-Bulb
18	105-0757	1	Radiator Support ASM
18:1	93-7275	1	Decal-Fluid, Starting
18:2	93-7272	3	Decal-Warning
19	104-8310	2	Ring-Retaining
20	104-7522-03	1	Bracket-Cooler, Oil
21	99-5495	1	Cooler-Oil
22	3230-22	2	Screw-CARR
23	104-3796	2	Elbow-90°
23:1	237-81	1	O-Ring

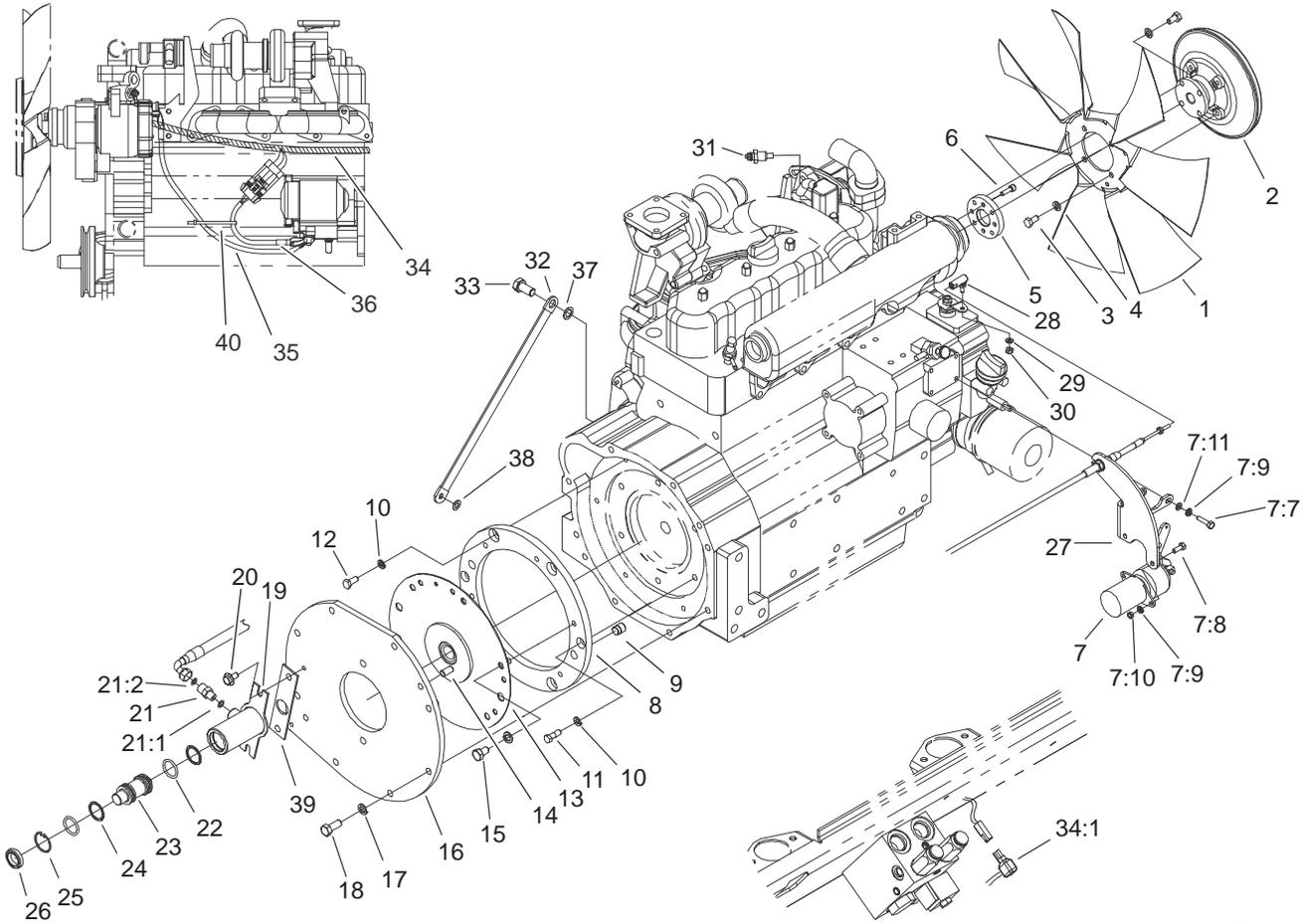
Ref. No.	Part No.	Qty.	Description
23:2	340-65	1	O-Ring
24	3234-1	6	Screw-HHF
25	2412-81	6	Clamp
26	104-8301	6	Nut-Flange, NI
27	100-3078-03	1	Bracket-Cooler, LH
27	100-3077-03	1	Bracket-Cooler, RH
28	104-8300	4	Nut-Flange, NI
29	93-5954	2	Foam-Plug
30	3296-39	4	Nut-Lock, NI
31	104-2226	1	Strip-Foam
32	99-5517-03	1	Support-Lower
33	3234-24	4	Screw-HHF
34	104-2224	2	Seal-Bulb
35	237-165	2	Grommet
36	104-2287-03	1	Cover-Frame
37	3234-33	4	Screw-HHF
38	104-8311	2	Plate
39	3256-3	2	Washer-Flat
40	95-9648	2	Knob
41	28-0540	2	Bolt-Shoulder
42	3290-378	1	Tie-Cable
43	104-2276	1	Reservoir-Coolant
43:1	87-7050	1	Cap-Reservoir
44	100-5505-03	1	Bracket-Tank
45	3256-35	4	Washer-Flat
46	105-2841	1	Decal-Radiator



Sheet No.:18

Engine and Mount Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	99-5413	1	Engine-Turbo, Kubota	25	2412-108	2	Clamp-Worm
2	100-3148-03	1	Mount-Engine, RH	26	27-5350	1	Line-Fuel
2	100-3147-03	1	Mount-Engine, LH	27	63-9640	1	Hose
3	43-5950	4	Washer-Lock, Spring	28	3290-379	1	Tie-Cable
4	43-3210	4	Screw-HH				
5	2412-146	1	Clamp-Hose				
6	2412-80	1	Clamp-Line, Fuel				
7	63-7630	1	Hose				
8	75-4706	1	Hose-Fuel				
9	98-7612	1	Filter-Fuel				
10	19-3250	2	Hose-Line, Fuel				
11	99-7376	1	Hose-Breather				
12	92-2379	9	Clamp-Hose				
13	323-13	4	Screw-HH				
14	354-94	1	Hose-Female, Barbed				
15	93-5528	1	Fitting-Cock, Drain				
16	100-3144-03	1	LH Mount ASM				
16	100-3141-03	1	RH Mount ASM				
17	48-9590	1	Washer-Lock				
18	43-0090	1	Screw-HH				
19	48-8070	5	Washer-Lock				
20	42-9250	5	Bolt				
21	323-5	8	Screw-HH				
22	53-9682	4	T-Engine, Rubber				
23	104-8301	12	Nut-Flange, NI				
24	63-7400	4	Washer-Rebound				

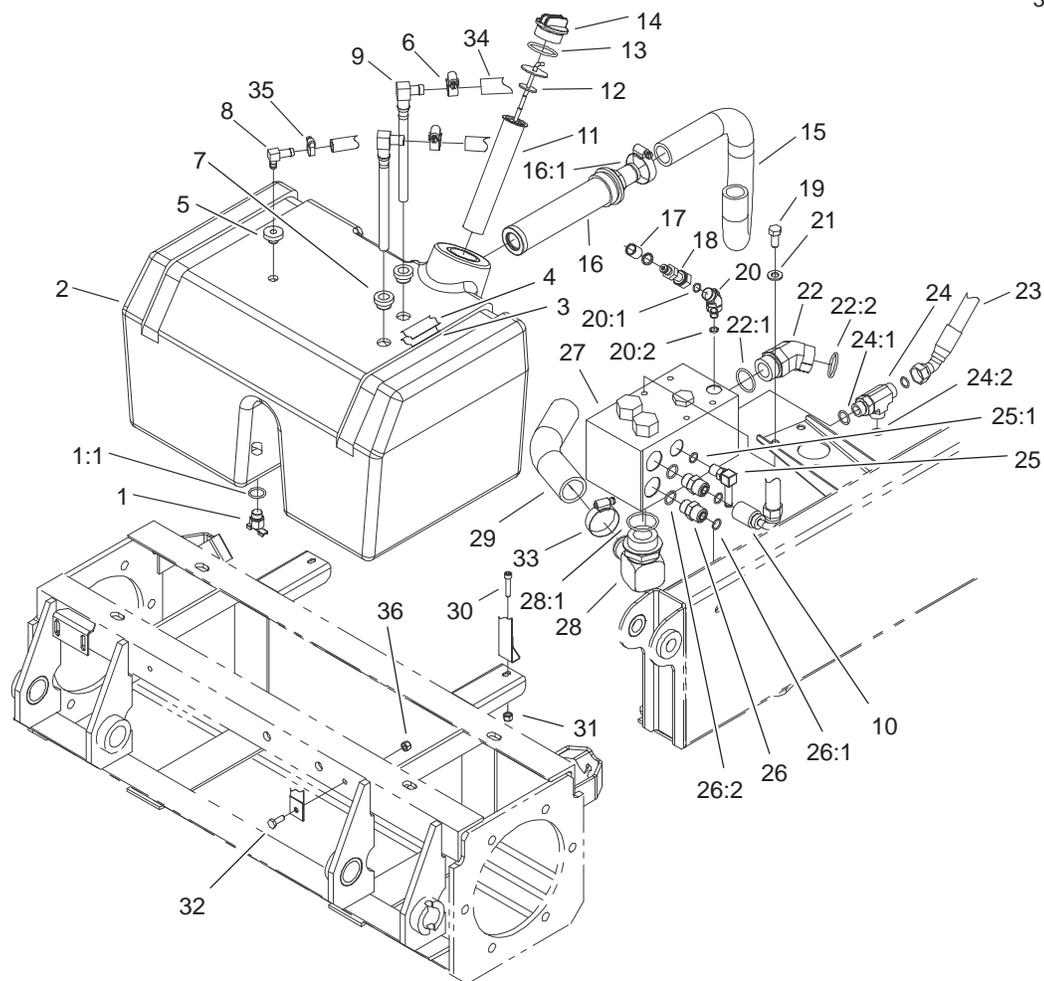


Sheet No.:19

Fan Drive and Flywheel Assembly

Ref. No.	Part No.	Qty.	Description
1	105-0750	1	Fan
2	104-2212	1	Clutch-Fan
3	322-2	8	Screw-HH
4	3253-4	8	Washer-Lock
5	100-3066	1	Adapter-Fan
6	52-6290	4	Screw-HH
7	98-3817	1	Kit-Solenoid
7:7	33113-025	3	Screw-HH
7:8	33113-016	2	Screw-HH
7:9	48-8020	5	Washer-Spring
7:10	33013-00	2	Nut-Hex
7:11	33093-00	3	Washer-Flat
7:12	3272-2	1	Pin-Cotter
8	100-5633	1	Spacer-Coupling
9	58-3590	2	Dowel
10	48-9570	6	Washer
11	100-5634	2	Bolt-Shoulder
12	33114-020	4	Screw-HH
13	92-1753	1	Coupling-Spring
14	100-5635	2	Pin-Plate
15	70-8470	6	Screw-HH
16	100-5632-03	1	Plate-Adapter
17	48-9590	14	Washer-Lock
18	43-0090	8	Screw-HH
19	104-2291	1	Cylinder ASM
20	3234-5	2	Screw

Ref. No.	Part No.	Qty.	Description
21	340-92	2	Fitting-Straight, HYD
21:1	237-78	1	O-Ring
21:2	237-21	1	O-Ring
22	237-185	2	O-Ring
23	104-2295	1	Piston-Cylinder
24	104-2296	2	Ring-Back Up
25	32151-51	1	Ring-Retaining
26	104-8304	1	Seal-Grease
27	104-7540-03	1	Support-Cable
28	2411-38	1	Joint-Ball
29	3256-51	1	Washer-Flat
30	3296-21	1	Nut-Lock, NI
31	98-9346	1	Sender-Temperature
32	18-2770	1	Cable-Ground
33	42-9250	1	Bolt
34	100-5553	1	Harness-Wire, Engine
34:1	100-4918	3	Diode
35	100-5552	1	Harness-Wire
36	99-3441	1	Harness-Wire, Fusible Link
37	3255-2	1	Washer-Lock/Ext
38	3255-8	1	Washer-Lock/Ext
39	105-3238-03	2	Plate-Shim
40	3290-379	2	Tie-Cable

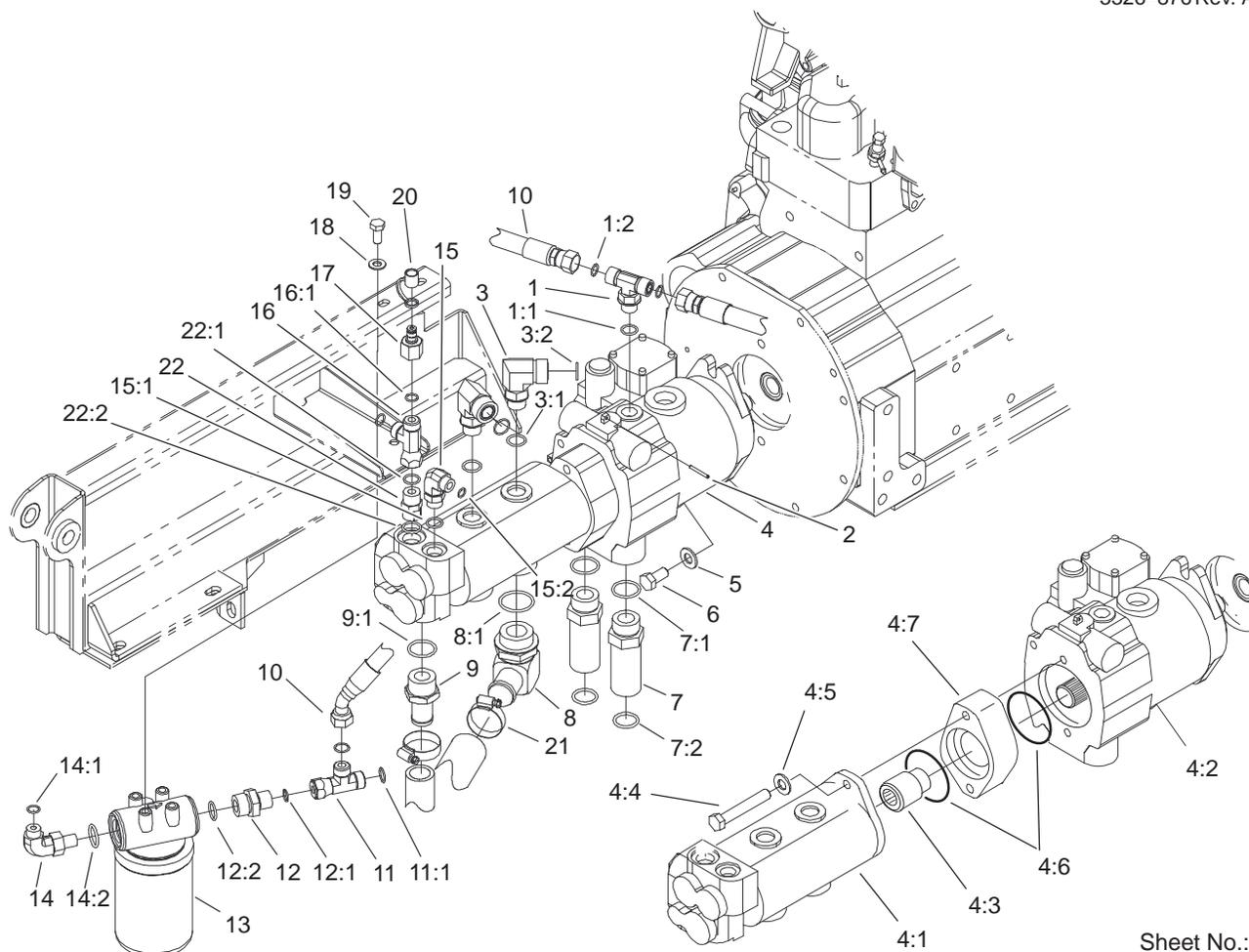


Sheet No.:20

Hydraulic Reservoir and Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	104-8334	1	Petcock
1:1	237-42	1	O-Ring
2	104-0703	1	Reservoir-HYD
3	93-5273	2	Strap-Felt
4	104-0794	2	Strap
5	46-6560	1	Bushing
6	2412-36	2	Clamp-Hose
7	104-0790	2	Bushing
8	46-6550	1	Fitting-HYD, 90°
9	104-0791	2	Pipe-Stand
10	100-5522	1	Hose ASM
11	61-2790	1	Filter-Screen
12	105-2812	1	Dipstick ASM
13	94-8166	1	O-Ring
14	93-7498	1	Plug-Plastic
15	100-5528	1	Hose-Suction
16	104-7546	1	Strainer-Tank
16:1	340-136	1	O-Ring
17	354-79	1	Cap-Dust, Yellow
18	86-5480	1	Nipple-Test
19	323-5	3	Screw-HH
20	340-54	1	Elbow-45°
20:1	237-22	1	O-Ring
20:2	237-78	1	O-Ring
21	3256-24	3	Washer-Flat
22	104-3509	1	Fitting-HYD, 45°

Ref. No.	Part No.	Qty.	Description
22:1	237-146	1	O-Ring
22:2	340-65	1	O-Ring
23	100-5521	1	Hose ASM
24	340-109	1	Fitting-HYD, Tee
24:1	237-79	1	O-Ring
24:2	237-30	2	O-Ring
25	354-135	1	Fitting-HYD 90°
25:1	237-42	1	O-Ring
26	340-4	2	Adapter
26:1	237-30	1	O-Ring
26:2	237-79	1	O-Ring
27	100-5558	1	Manifold-Filter
28	92-7526	1	Fitting-HYD, 90°
28:1	237-101	1	O-Ring
29	104-0728	1	Hose-Filter
30	3274-51	2	Screw-HSH
31	3296-42	2	Nut-Lock, NI
32	321-4	2	Screw-HH
33	2412-111	2	Clamp
34	100-5592	1	Hose
35	2412-108	1	Clamp-Worm
36	32128-33	2	Nut-HF



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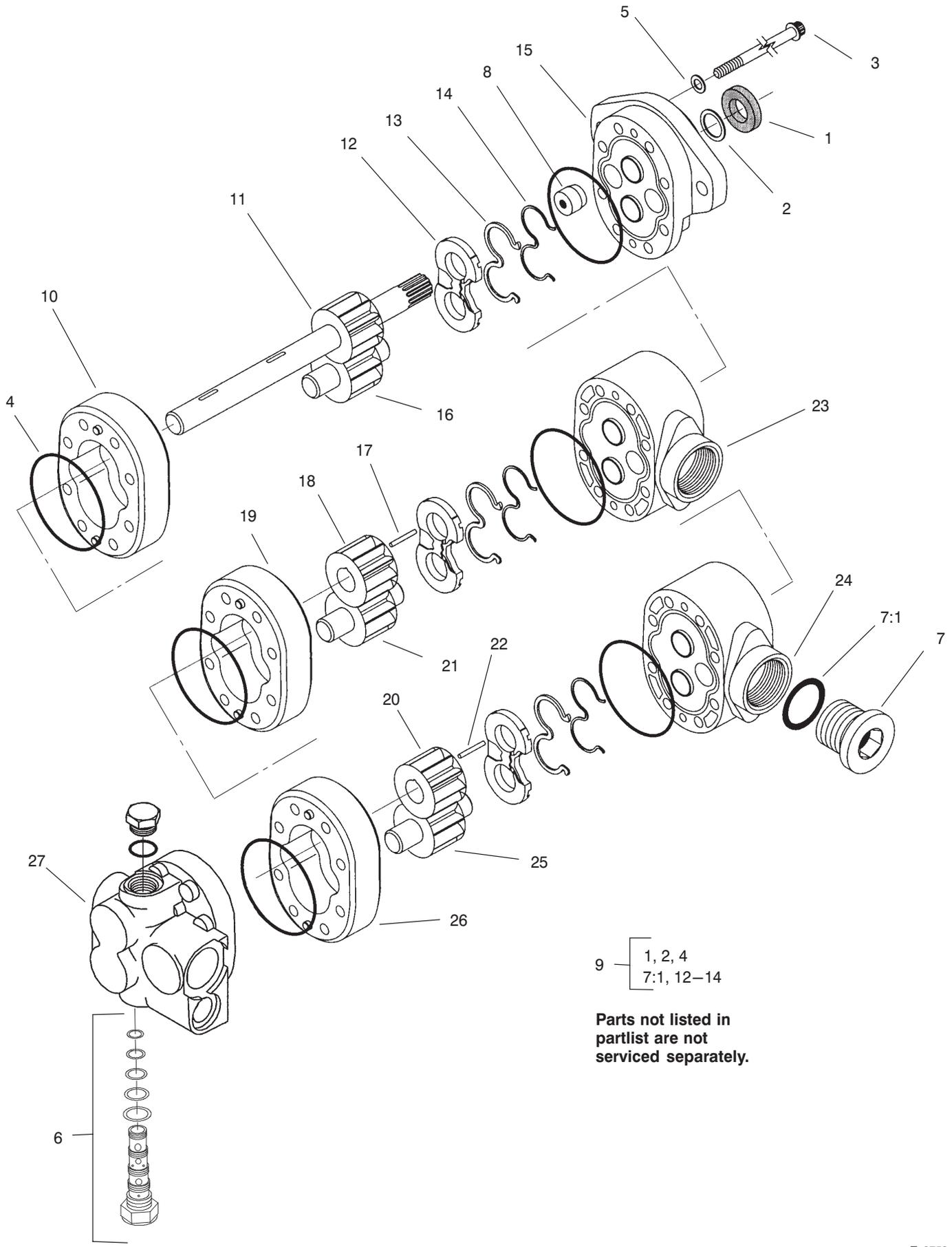
Pump Installation and Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	340-157	1	Fitting-HYD
1:1	237-79	1	O-Ring
1:2	237-30	2	O-Ring
2	32121-77	1	Pin-Roll
3	340-16	2	Fitting-HYD, 90°
3:1	237-80	1	O-Ring
3:2	237-58	1	O-Ring
☆4		1	Pump ASM
4:1	100-3051	1	Gear Pump ASM
4:2	105-4567	1	Pump-Piston
4:3	74-9030	1	Coupler
4:4	323-32	2	Screw-HH
4:5	60-3540	2	Washer
4:6	60-3520	2	O-Ring
4:7	99-5510	1	Spacer
5	3256-26	2	Washer-Flat
6	3213-1	2	Screw-HH
7	100-5565	2	Fitting-HYD
7:1	237-146	1	O-Ring
7:2	340-65	1	O-Ring
8	92-7526	1	Fitting-HYD, 90°
8:1	237-101	1	O-Ring
9	354-78	1	Connector-Hose
9:1	237-146	1	O-Ring
10	100-5521	1	Hose ASM
11	340-104	1	Tee-Fitting

Ref. No.	Part No.	Qty.	Description
11:1	237-30	2	O-Ring
12	100-4240	1	Fitting-Adapter
12:1	237-30	1	O-Ring
12:2	237-81	1	O-Ring
13	93-2242	1	Oil Filter ASM
13:1	75-1310	1	Element-Filter
14	340-131	1	Elbow-90°
14:1	237-30	1	O-Ring
14:2	237-81	1	O-Ring
15	340-18	1	Fitting-HYD, 90°
15:1	237-79	1	O-Ring
15:2	237-22	1	O-Ring
16	340-104	1	Tee-Fitting
16:1	237-30	2	O-Ring
17	100-5616	1	Fitting-HYD
18	3256-24	2	Washer-Flat
19	323-5	2	Screw-HH
20	354-79	1	Cap-Dust, Yellow
21	2412-111	2	Clamp
22	340-6	1	Fitting-Straight, HYD
22:1	237-30	1	O-Ring
22:2	237-80	1	O-Ring

☆ Not serviced separately

Gear Pump Assembly No. 100-3051

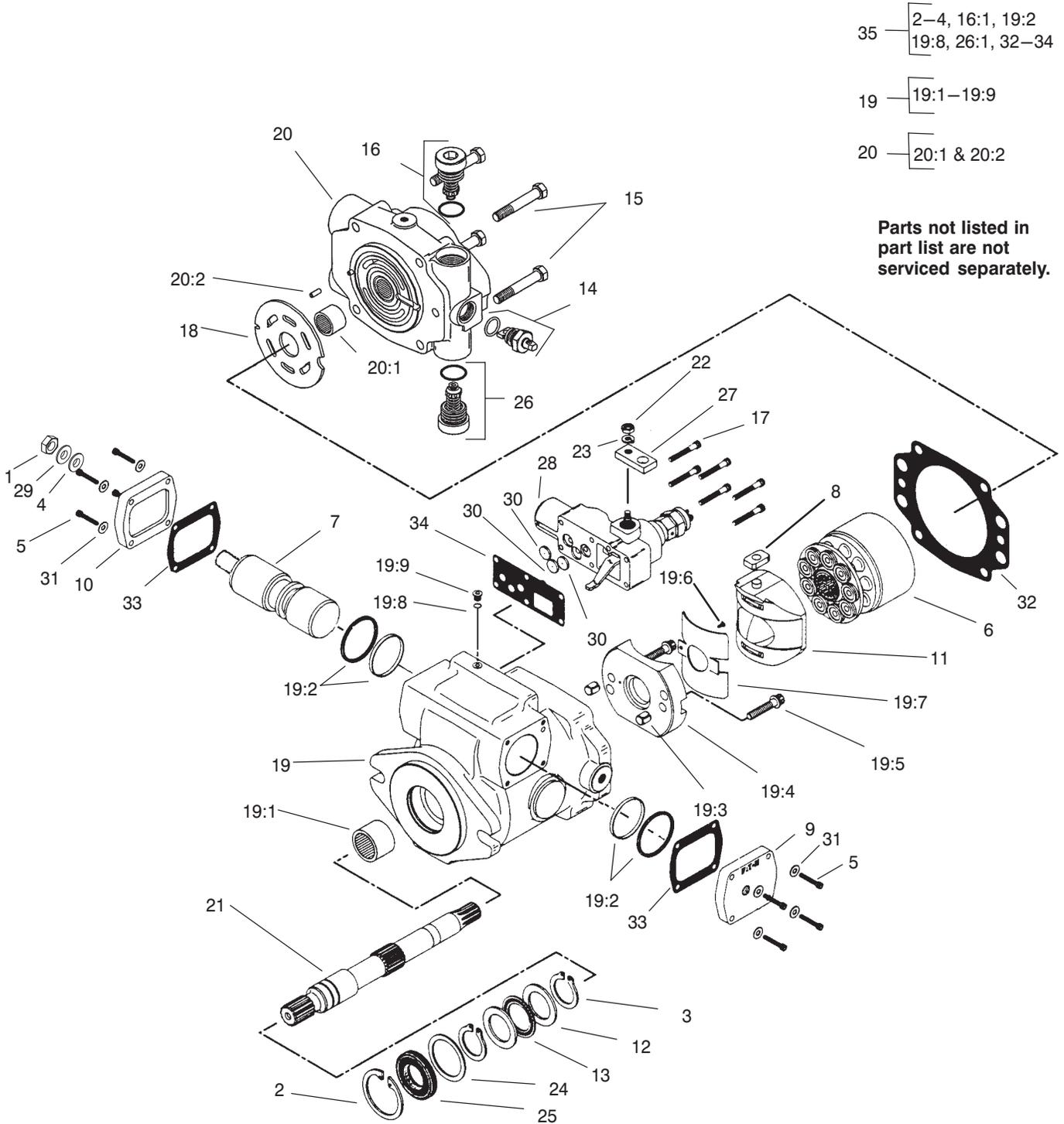


Gear Pump Assembly No. 100-3051

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	49-2640	1	Seal-Shaft				
2	60-5890	1	Washer				
3	105-2867	8	Capscrew				
4	105-2866	6	O-Ring				
5	74-8920	4	Washer-Copper				
6	105-2870	1	Valve-Proportional				
7	94-3013	1	Plug				
☆7:1		1	O-Ring				
8	94-3011	1	Plug				
9	105-2868	1	Seal Kit				
☆10		1	Body				
☆11		1	Drive Gear ASM				
☆12		3	Plate-Wear				
☆13		3	Seal-Pressure, Balance				
☆14		3	Gasket-Backup				
☆15		1	Front Plate ASM				
☆16		1	Gear-Idler				
☆17		1	Key				
☆18		1	Gear				
☆19		1	Body				
☆20		1	Gear				
☆21		1	Gear-Idler				
☆22		1	Key				
☆23		1	Plate-Adaptor				
☆24		1	Plate-Adaptor				
☆25		1	Gear-Idler				
☆26		1	Body				
☆27		1	Backplate ASM				

☆ Not serviced separately

Piston Pump Assembly No. 105-4567



35 — 2-4, 16:1, 19:2
19:8, 26:1, 32-34

19 — 19:1-19:9

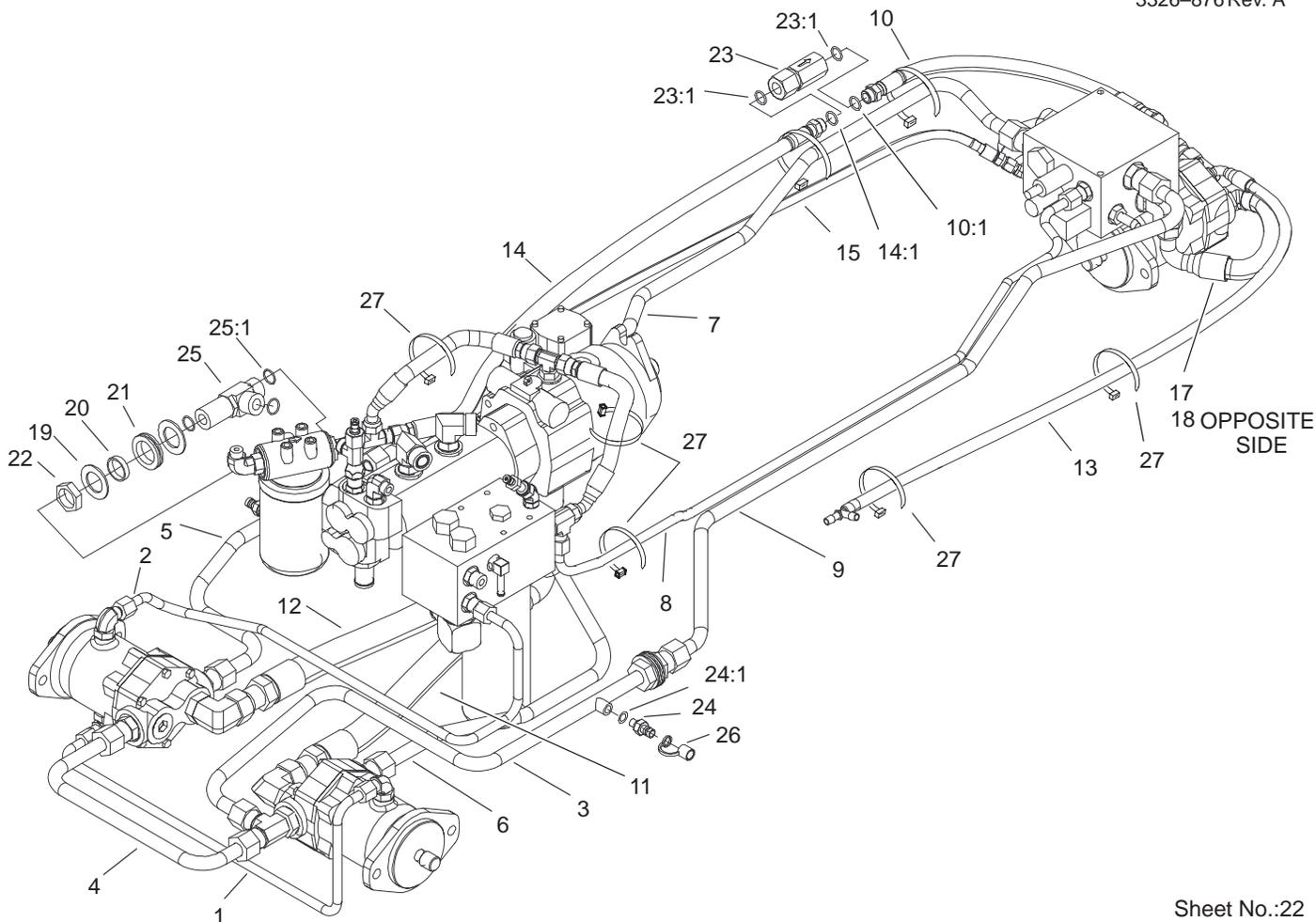
20 — 20:1 & 20:2

Parts not listed in part list are not serviced separately.

Piston Pump Assembly No. 105-4567

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3220-2	1	Nut				
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	93-6322	1	Rotating Kit				
7	105-4572	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	Race-Thrust				
13	76-6960	1	Bearing-Thrust				
14	105-2864	1	Valve-Bypass				
☆14:1		1	O-Ring				
15	323-45	4	Screw-HH				
16	105-2857	1	Valve-Relief				
☆16:1		1	O-Ring				
17	3274-59	6	Screw-HSH				
18	94-3022	1	Plate-Valve				
19	105-2859	1	Housing ASM				
☆19:1		1	Bearing				
☆19:2		2	Seal				
☆19:3		2	Dowel-Bushing				
☆19:4		1	Cradle ASM				
☆19:5		2	Screw				
☆19:6		1	Screw				
☆19:7		1	Bushing				
☆19:8		1	O-Ring				
☆19:9		1	Plug				
20	105-2860	1	Backplate ASM				
☆20:1		1	Bearing				
☆20:2		1	Pin-Roll				
21	105-2861	1	Shaft-Drive				
22	3217-5	1	Nut-Hex				
23	3253-3	1	Washer-Lock				
24	94-3007	1	Washer				
25	105-3331	1	Seal-Shaft				
26	105-2858	1	Valve-Relief				
☆26:1		1	O-Ring				
27	105-2862	1	Arm-Control				
2:28	93-6306	1	Control ASM				
29	94-3030	1	Washer				
30	105-2863	3	Orifice				
31	3256-77	8	Washer-Flat				
☆32		1	Gasket-Housing				
☆33		2	Gasket-Plate,Cover				
☆34		1	Gasket				
35	105-3349	1	Seal Kit				

☆ Not serviced separately

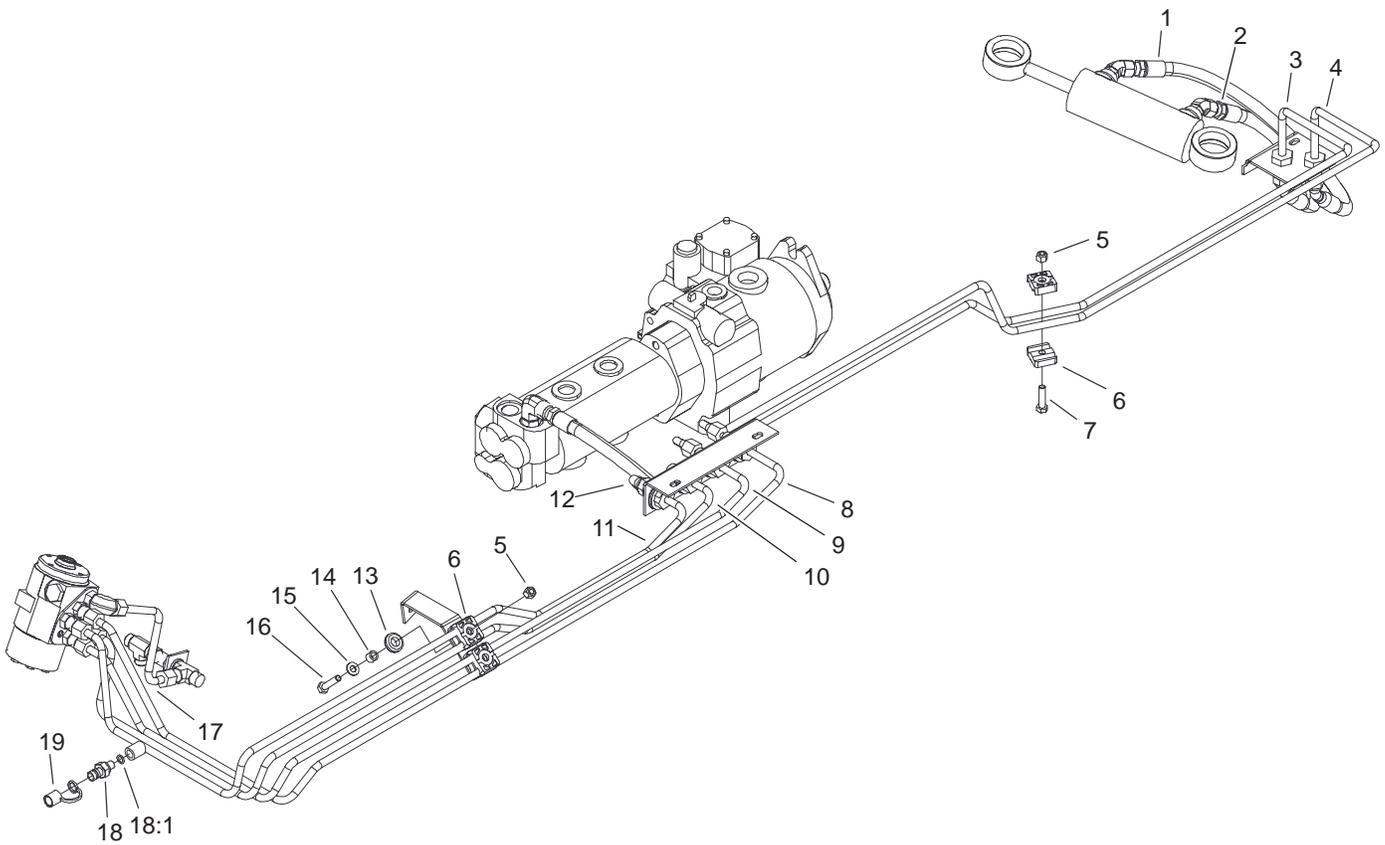


Sheet No.:22

Traction Hydraulic Plumbing Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3095	1	Tube-HYD, Drain & Motors
2	104-0793	1	Tube-HYD, Drain Motor & Filter
3	100-5573	1	Tube-HYD, LH Front Motor
4	100-5574	1	Tube-HYD, Motor Front
5	104-3581	1	Tube-HYD, Motor RH
6	104-3582	1	Tube-HYD, Motor LH
7	100-5571	1	Tube-HYD, RH Rear Traction
8	105-4508	1	Tube-HYD, Charge LH
9	100-5572	1	Tube-HYD, LH Rear Traction
10	100-5617	1	Hose ASM
10:1	237-79	1	O-Ring
11	100-5524	1	Hose ASM
12	100-5525	1	Hose ASM
13	100-5614	1	Hose ASM
14	104-2237	1	Hose ASM
14:1	237-79	1	O-Ring
15	100-5643	1	Hose ASM
17	100-5579	1	Hose ASM
18	104-3502	1	Hose ASM

Ref. No.	Part No.	Qty.	Description
19	69-8910	4	Washer
20	69-8900	2	Spacer
21	240-7	2	Grommet-Rubber
22	340-126	2	Nut-Bulkhead
23	100-5600	1	Valve-Check
24	354-77	2	Fitting-Quick
24:1	237-78	1	O-Ring
25	104-3558	1	Fitting-Bulkhead
25:1	237-58	3	O-Ring
26	354-79	2	Cap-Dust, Yellow
27	3290-379	7	Tie-Cable

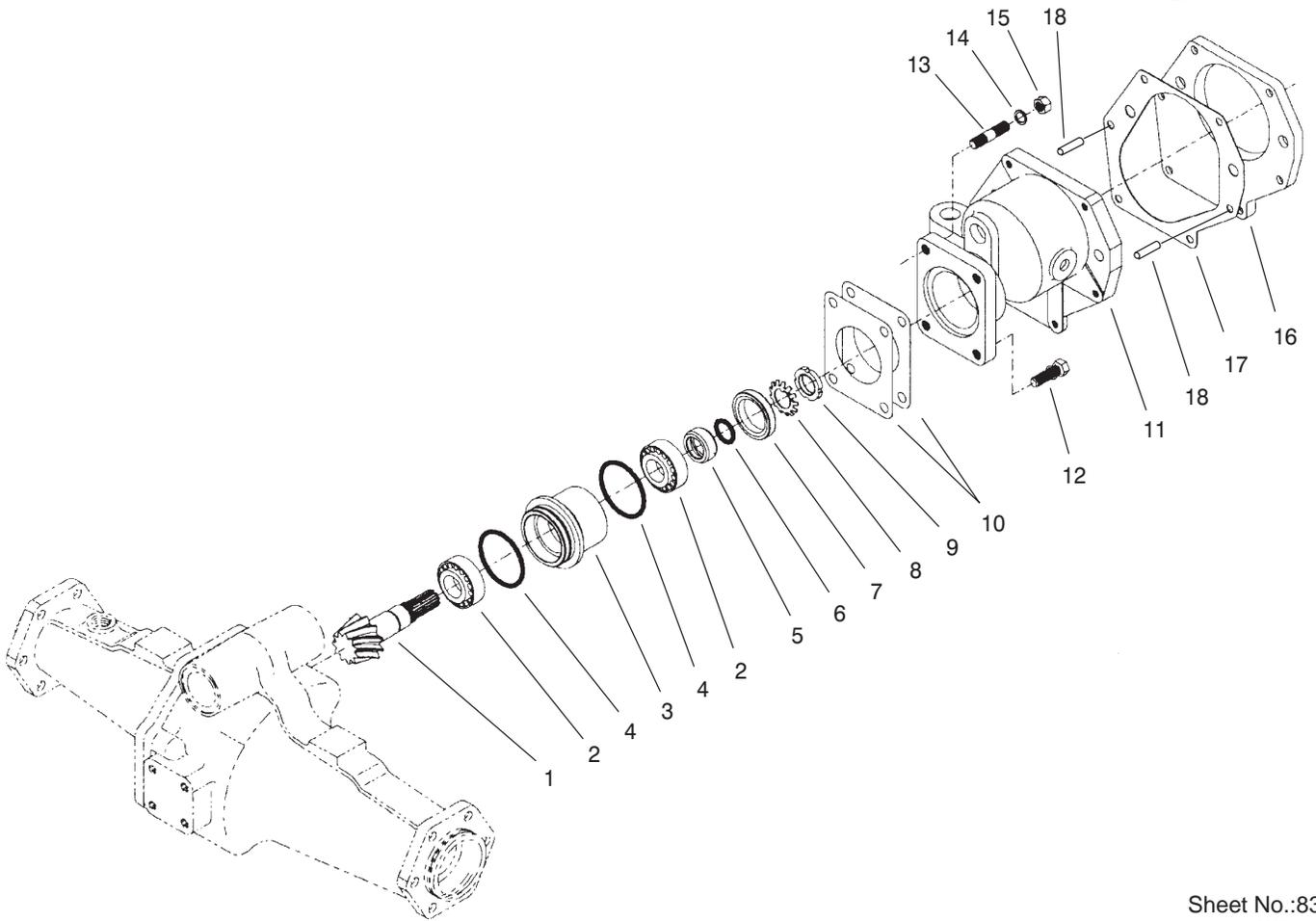


Sheet No.:25

Steering Hydraulic Plumbing Assembly

Ref. No.	Part No.	Qty.	Description
1	92-7538	1	Hose ASM
2	92-7539	1	Hose ASM
3	100-5576	1	Tube-HYD, RH Rear Steering
4	100-5575	1	Tube-HYD, LH Rear Steering
5	3296-29	3	Nut-Lock, NI
6	56-7973	6	Clamp-Tube
7	322-6	1	Screw-HH
8	100-3091	1	Tube-HYD, LH Front Steering
9	100-3092	1	Tube-HYD, RH Front Steering
10	100-3093	1	Tube-HYD, Beyond Power Steering
11	100-3090	1	Tube-HYD, Pressure Steering
12	69-5440	1	Hose ASM
13	93-5108	2	Grommet-Rubber
14	93-5109	2	Spacer
15	3256-71	2	Washer-Flat
16	322-8	2	Screw-HH
17	100-5588	1	Tube-HYD, Steer & Drain
18	354-77	1	Fitting-Quick

Ref. No.	Part No.	Qty.	Description
18:1	237-78	1	O-Ring
19	354-79	1	Cap-Dust, Yellow

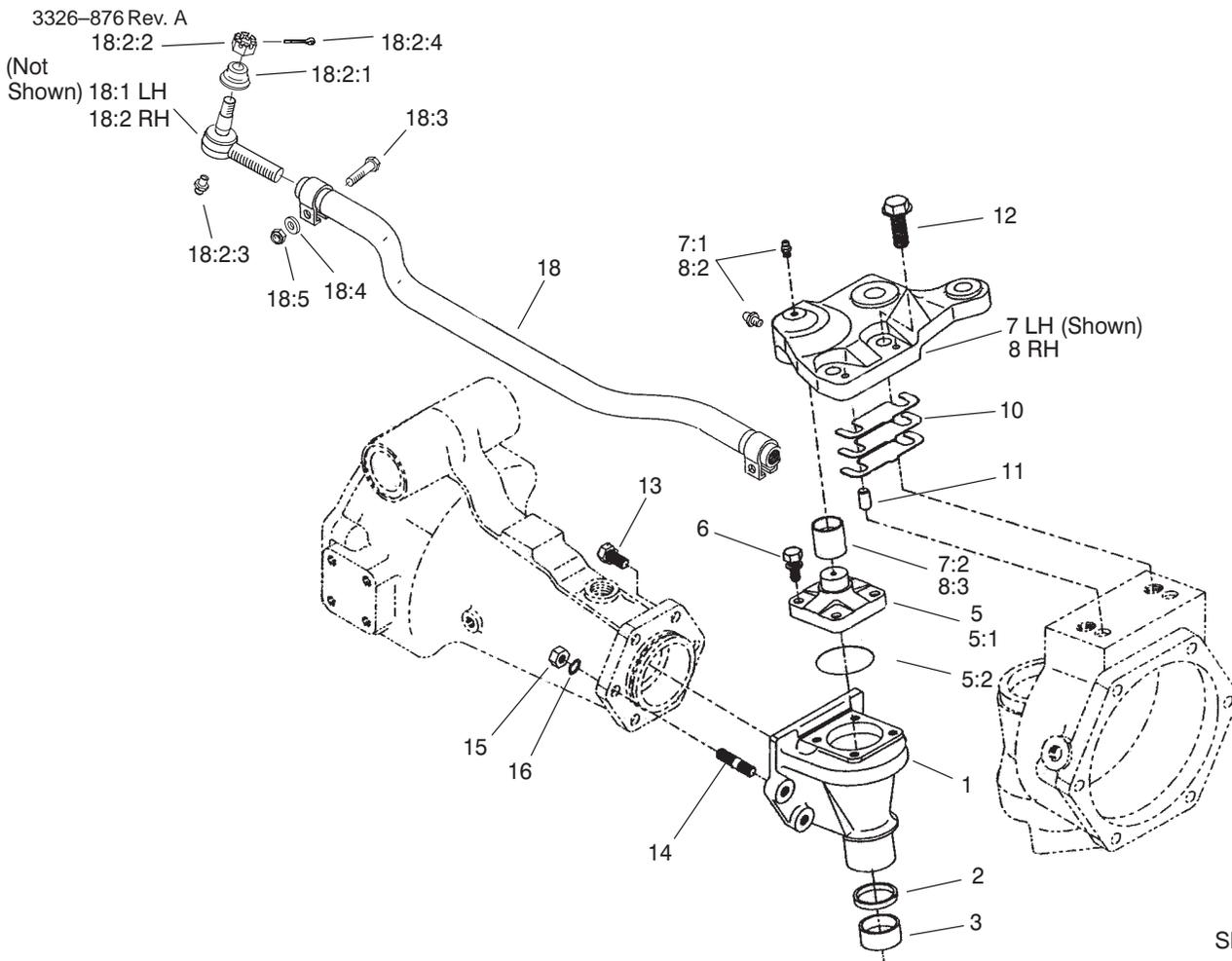


Sheet No.:83
T-3202-1

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	Plate-Cover
17	95-7540	1	Gasket
18	104-2353	2	Pin-Dowel

Ref. No.	Part No.	Qty.	Description



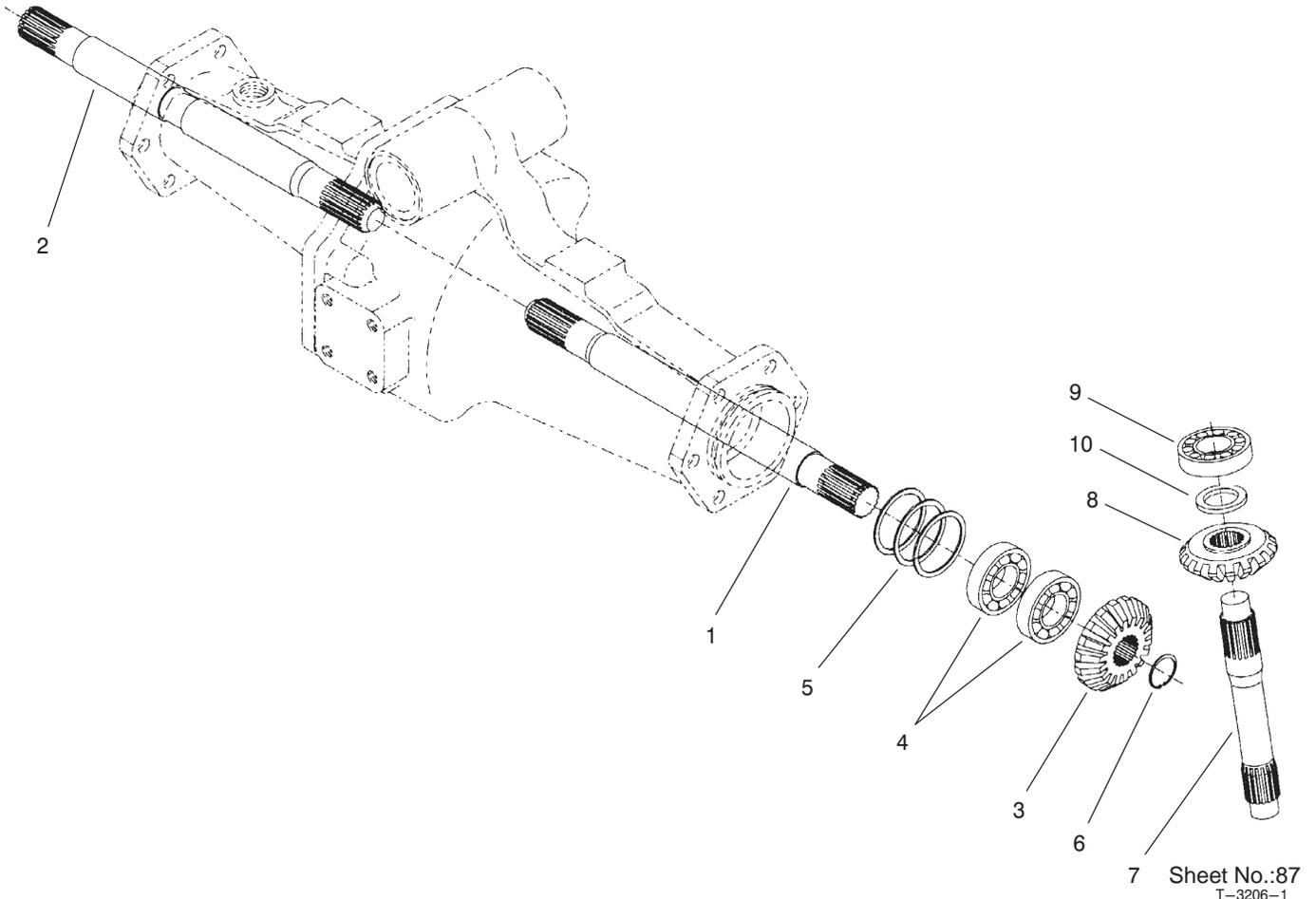
Sheet No.:86
T-3503

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

Ref. No.	Part No.	Qty.	Description
1	95-7538	2	Case-Bevel Gear
2	100-2557	2	Seal-Oil
3	104-2378	2	Bushing
5	104-2376	2	Knuckle ASM
5:1	104-2373	1	Knuckle
5:2	104-2372	1	O-Ring
6	104-2374	8	Bolt
7	100-3768	1	LH Steering Arm ASM
7:1	302-5	2	Fitting-Grease
7:2	104-8634	1	Bushing
8	100-3766	1	RH Steering Arm ASM
8:2	302-5	2	Fitting-Grease
8:3	104-8634	1	Bushing
10	95-7547	2	Shim 0.1
10	95-7548	2	Shim 0.2
10	95-7549	2	Shim 0.4
11	99-7597	4	Pin-Dowel
12	104-2375	4	Bolt
13	99-7599	8	Bolt
14	99-7525	4	Stud
15	99-7526	4	Nut
16	99-7527	4	Washer-Spring
18	100-3762	1	Tie Rod ASM
*18:1	100-3851	1	LH Tie Rod End ASM

Ref. No.	Part No.	Qty.	Description
*18:1:1	100-3853	1	Cover-Dust
*18:1:2	100-3854	1	Nut-Castle
*18:1:3	302-5	1	Fitting-Grease
*18:1:4	3272-11	1	Pin-Cotter
18:2	100-3852	1	RH Tie Rod End ASM
18:2:1	100-3853	1	Cover-Dust
18:2:2	100-3854	1	Nut-Castle
18:2:3	302-5	1	Fitting-Grease
18:2:4	3272-11	1	Pin-Cotter
18:3	100-3855	2	Bolt
18:4	99-7527	2	Washer-Spring
18:5	99-7526	2	Nut

* Not illustrated

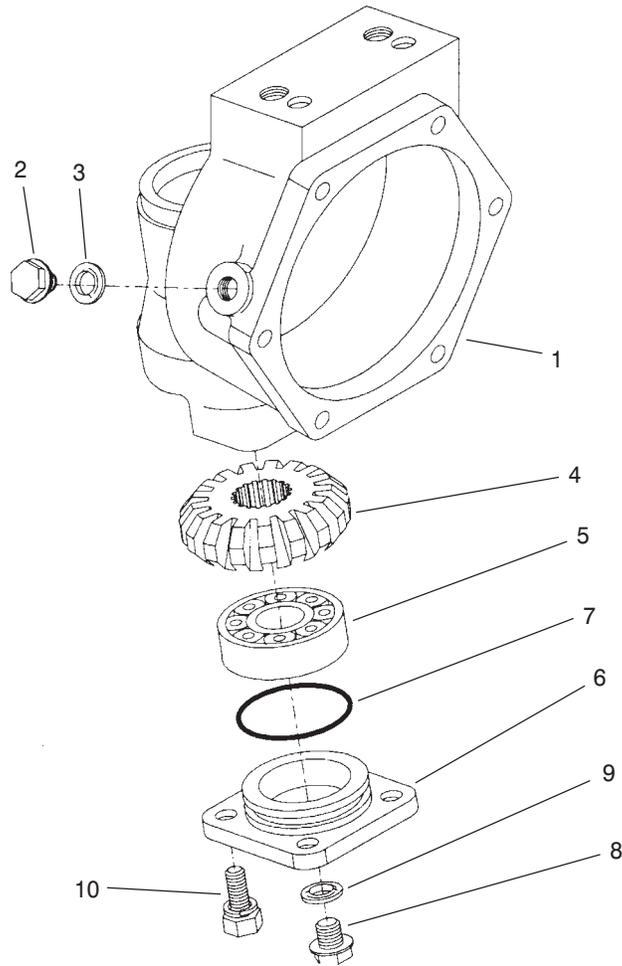


7 Sheet No.:87
T-3206-1

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

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

Ref. No.	Part No.	Qty.	Description

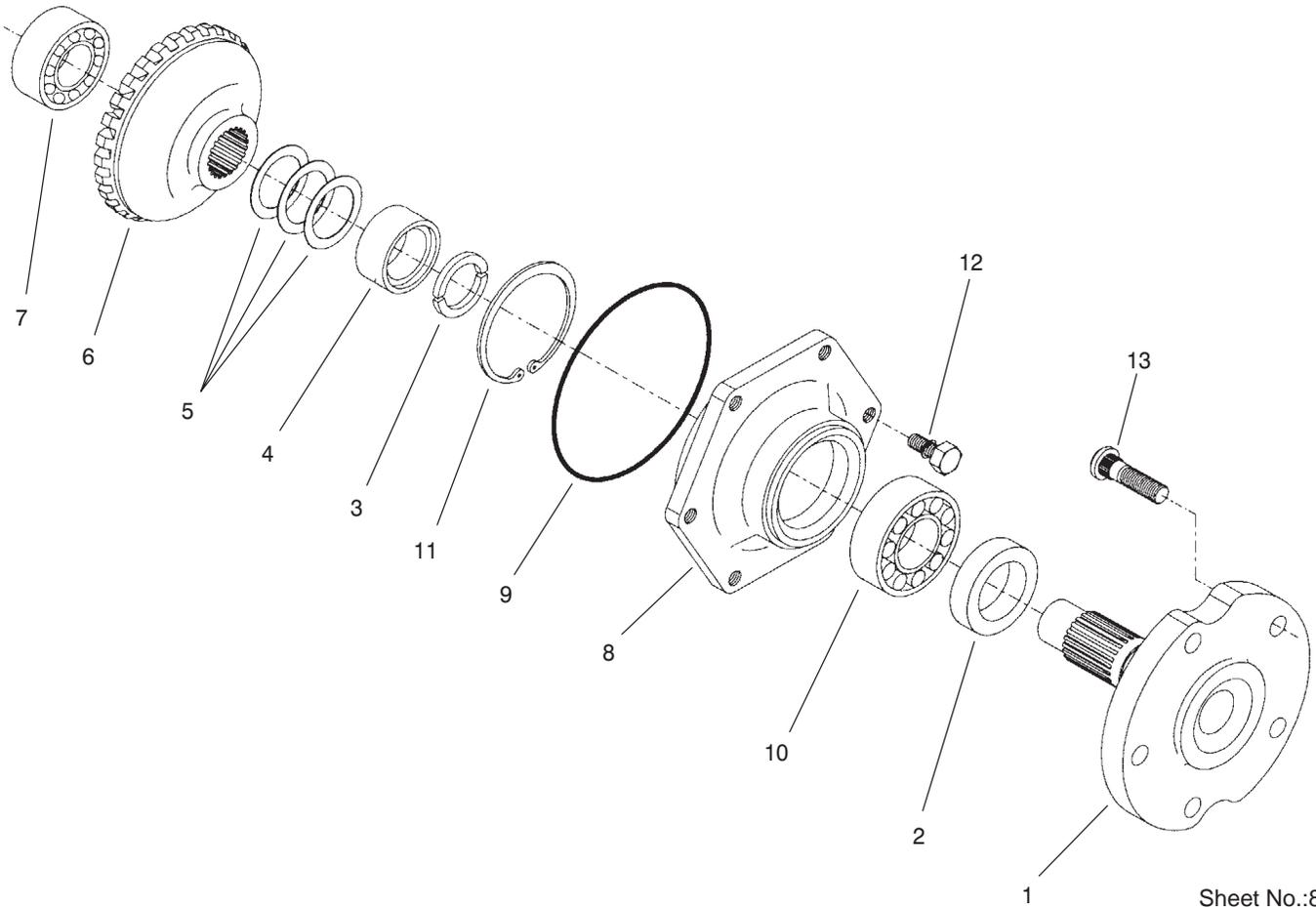


Sheet No.:88
T-3207-1

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

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

Ref. No.	Part No.	Qty.	Description

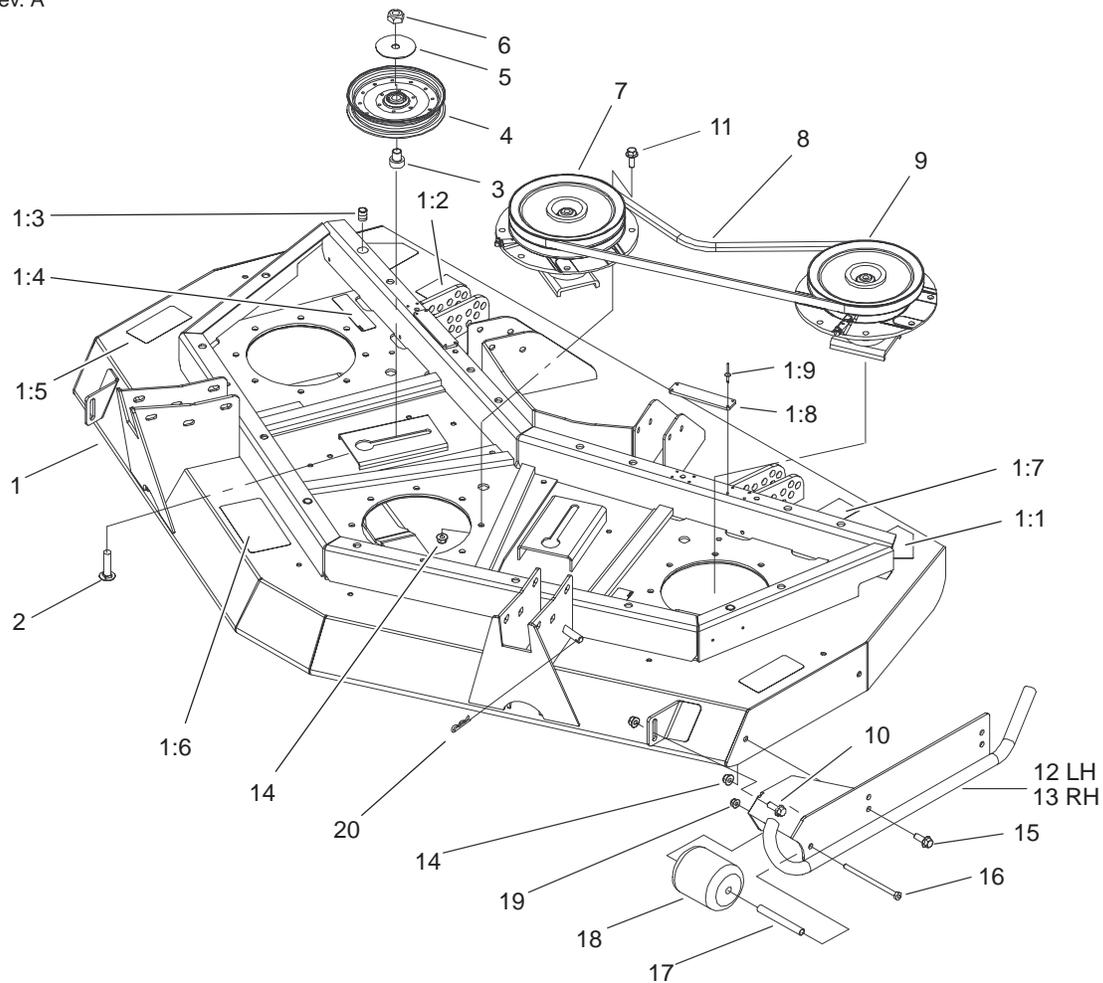


Sheet No.:89
T-3108-1

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

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

Ref. No.	Part No.	Qty.	Description

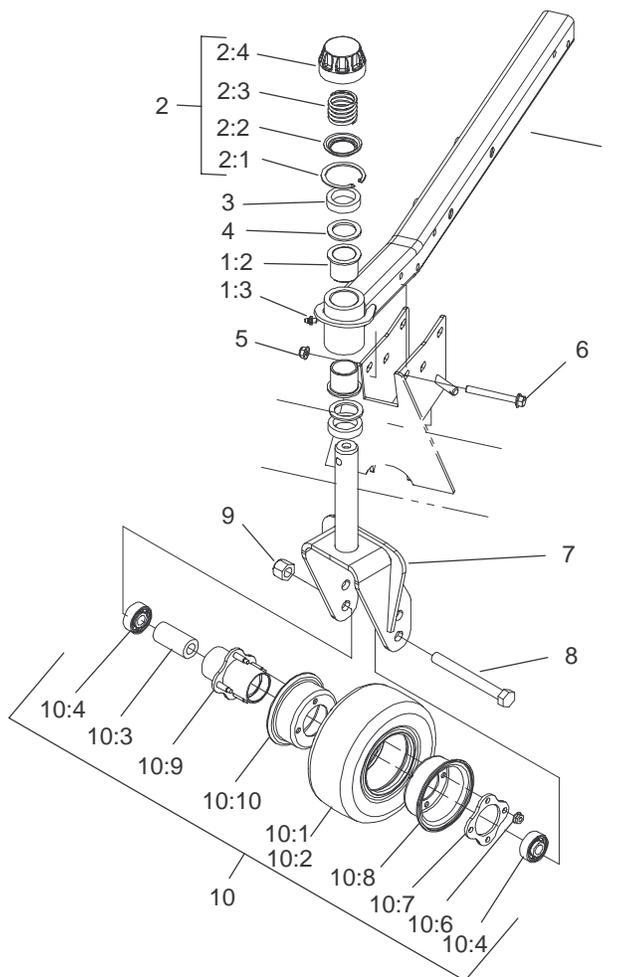


Sheet No.:2

Front Deck, Idler and Skid Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3035	1	Front Deck ASM
1:1	43-8480	2	Decal-Danger
1:1	100-6583	2	Decal-Danger
1:2	100-5624	1	Decal-HOC, RH
1:3	32148-9	3	Insert-Nut
1:4	100-6578	4	Decal-Danger
1:5	93-7818	2	Decal-Torque, Blade Bolt
1:6	100-5622	1	Decal-HOC
1:7	104-3578	1	Decal-HOC, LH
1:8	105-0786	2	Pad-Plastic
1:9	3269-24	8	Rivet
2	3233-4	2	Screw-CARR
3	100-2984	2	Spacer-Idler
4	99-5493	2	Pulley-Idler
5	100-3102	2	Washer-Flat
6	3296-25	2	Nut-Lock NI
7	104-3530	1	Double Driven Spindle ASM
8	55-7660	2	V-Belt
9	104-3531	1	High Driven Spindle ASM
10	3231-2	2	Screw-CARR
11	3234-24	20	Screw-HHF
12	100-5612-01	1	LH Skid ASM
13	100-5605-01	1	RH Skid ASM

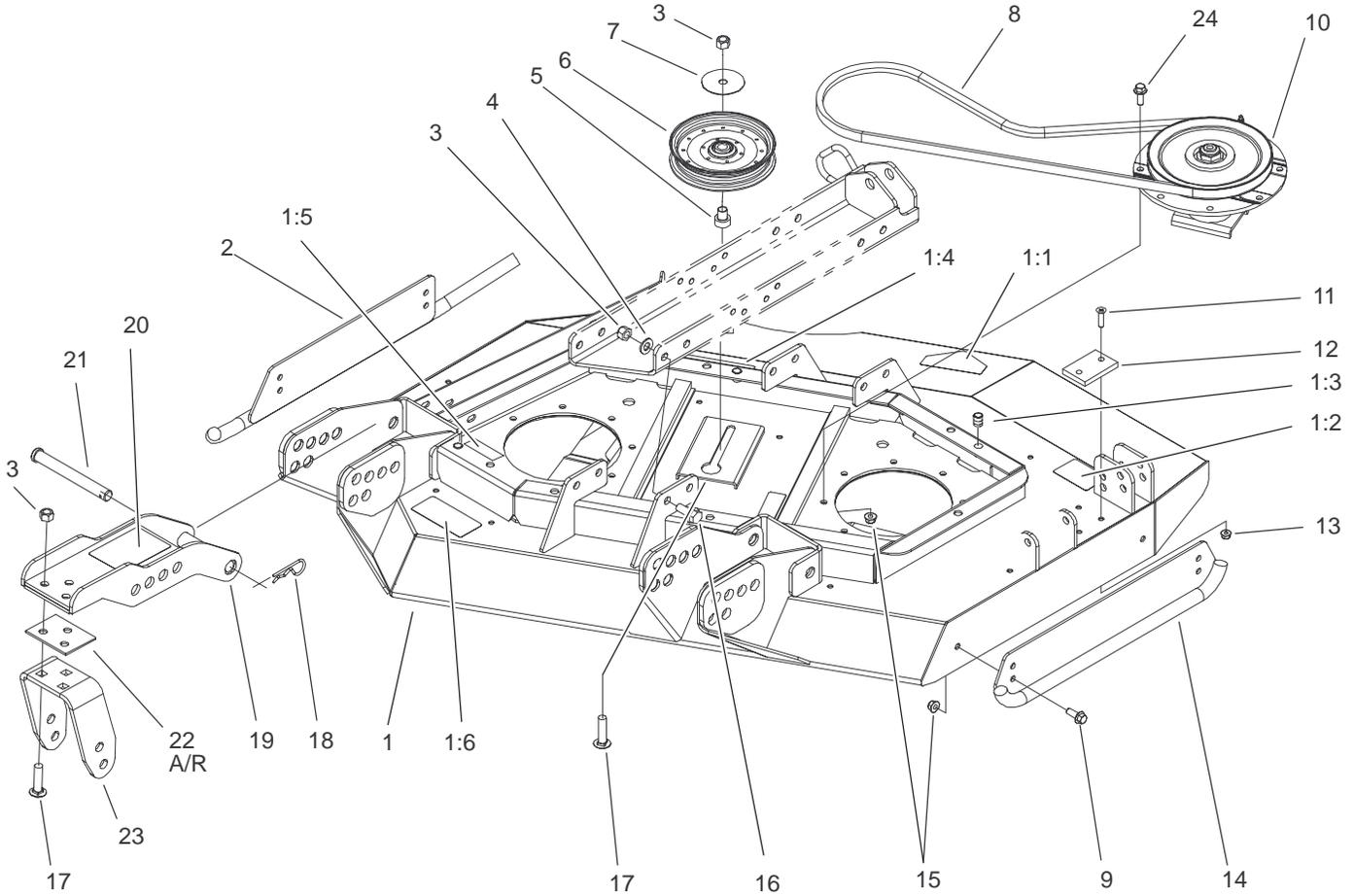
Ref. No.	Part No.	Qty.	Description
14	104-8301	30	Nut-Flange, NI
15	3234-42	4	Screw-HHF
16	322-29	2	Screw-HH
17	105-4549	2	Spacer-Roller
18	93-4803	2	Roller-Deck
19	104-8300	2	Nut-Flange, NI
20	3290-355	1	Pin-Hair



Sheet No.:3

Castor Arm and Tire Assembly (Front Deck)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-8092	1	Front LH Castor Arm ASM	10:7	93-4242	1	Plate
1	100-8091	1	Front RH Castor Arm ASM	10:8	93-4239	1	Rim-Wheel, Half
1:2	104-8340	2	Bushing	10:9	93-5980	1	Hub
1:3	302-5	1	Fitting-Grease	10:10	95-2741	1	Rim-Wheel, Half
2	92-9727	2	HOC Cap ASM				
2:1	92-5581	1	Ring-Retaining				
2:2	92-5583	1	Washer-Cap				
2:3	92-9726	1	Spring-Compression				
2:4	92-8861	1	Cap-HOC				
3	69-1510	10	Spacer-Castor				
4	69-6860	4	Washer-Thrust				
5	104-8301	10	Nut-Flange, NI				
6	3234-41	10	Screw-HHF				
7	104-0762-01	2	Castor Fork ASM				
8	327-24	2	Screw-HH				
9	3296-53	2	Nut-Lock, NI				
10	93-9938	2	8 Inch Wheel ASM				
10	93-5974	2	Wheel-8 Inch, Foam Filled				
10:1	93-9939	1	Tire				
10:2	68-8950	1	Tube-Inner (W/Valve)				
10:3	93-4241	1	Spacer-Bearing, Inner				
10:4	93-4237	2	Bearing				
10:6	32128-16	4	Nut-HHF				

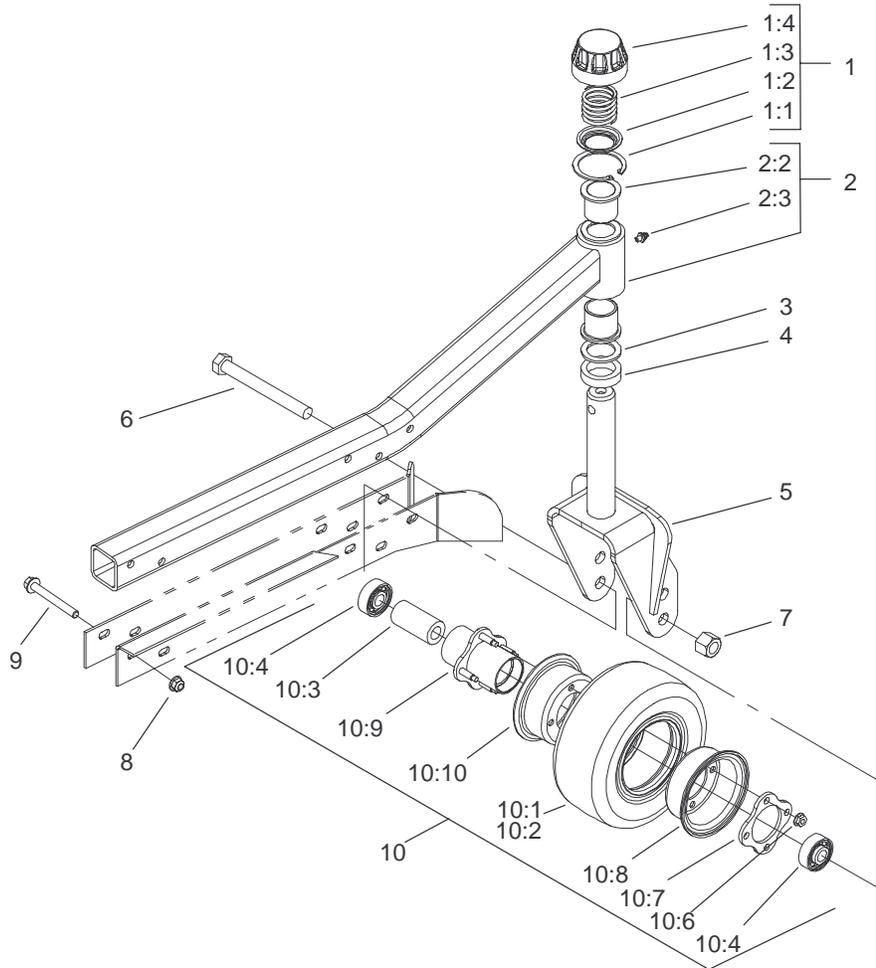


Sheet No.:2

RH Deck, Idler and Skid Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3036	1	RH Side Deck ASM
1:1	43-8480	1	Decal-Danger
1:1	100-6583	1	Decal-Danger
1:2	100-5694	1	Decal-Rear HOC, RH
1:3	32148-9	3	Insert-Nut
1:4	100-5622	1	Decal-HOC
1:5	100-6578	3	Decal-Danger
1:6	93-7818	1	Decal-Torque, Blade Bolt
2	100-5620-01	1	Skid ASM-RH
3	3296-25	15	Nut-Lock NI
4	3256-26	8	Washer-Flat
5	100-2984	1	Spacer-Idler
6	99-5493	1	Pulley-Idler
7	100-3102	1	Washer-Flat
8	55-7660	1	V-Belt
9	3234-42	4	Screw-HHF
10	104-3532	1	Low Driven Spindle ASM
11	32108-103	2	Screw-FH
12	69-9290	1	Pad-Bumper
13	104-8300	2	Nut-Flange, NI
14	104-2250-01	1	Skid ASM-Side
15	104-8301	20	Nut-Flange, NI
16	3234-38	8	Screw-HHF
17	9002719	6	Screw-CARR

Ref. No.	Part No.	Qty.	Description
18	3290-343	4	Pin-Hair
19	104-7529-01	2	Castor Bracket ASM
20	100-5623	1	Decal-HOC, RH
21	100-5569	4	Pin-Clevis
22	104-7524	8	Shim
23	104-7525-01	2	Bracket-Fork
24	3234-24	12	Screw-HHF
25	3233-4	1	Screw-CARR

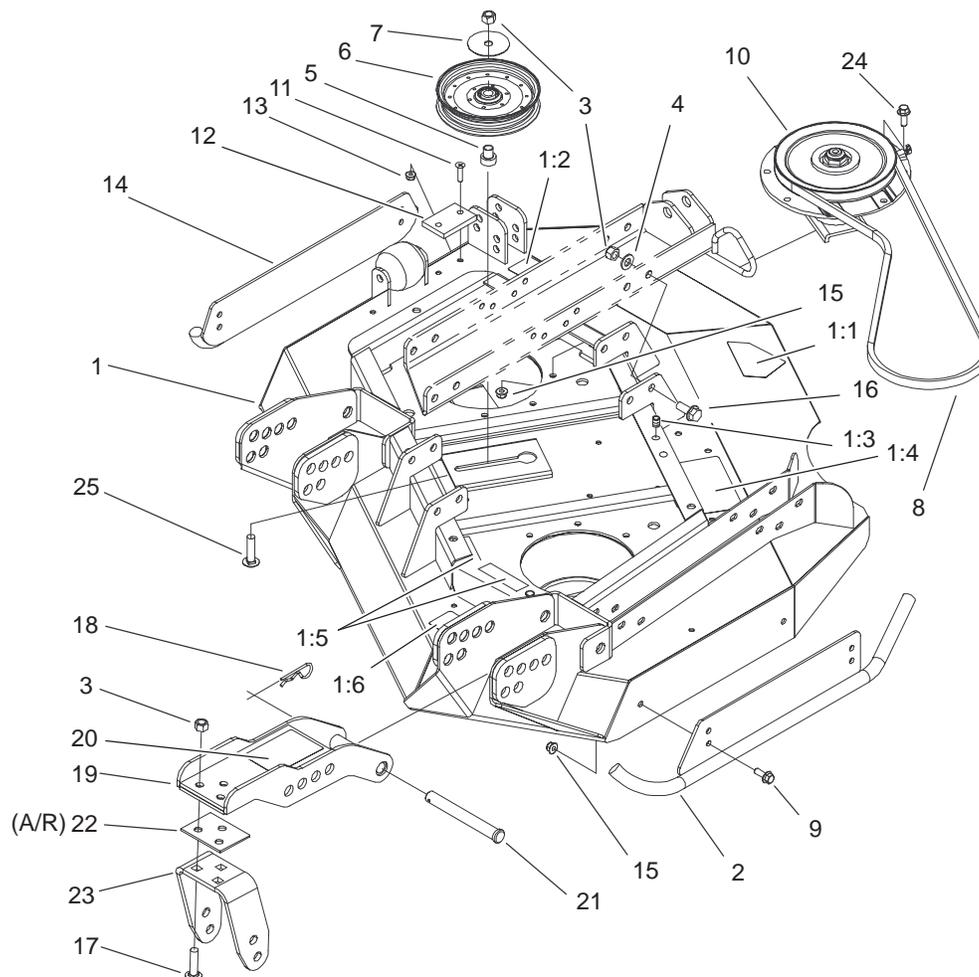


Sheet No.:3

Castor Arm and Tire Assembly (RH and LH Deck)

Ref. No.	Part No.	Qty.	Description
1	92-9727	1	HOC Cap ASM
1:1	92-5581	1	Ring-Retaining
1:2	92-5583	1	Washer-Cap
1:3	92-9726	1	Spring-Compression
1:4	92-8861	1	Cap-HOC
2	100-8093	1	Side Castor Arm ASM
2:2	104-8340	2	Bushing
2:3	302-5	1	Fitting-Grease
3	69-6860	2	Washer-Thrust
4	69-1510	5	Spacer-Castor
5	104-0762-01	1	Castor Fork ASM
6	327-24	3	Screw-HH
7	3296-53	3	Nut-Lock, NI
8	104-8301	5	Nut-Flange, NI
9	3234-41	5	Screw-HHF
10	93-9938	3	8 Inch Wheel ASM
10	93-5974	3	Wheel-8 Inch, Foam Filled
10:1	93-9939	1	Tire
10:2	68-8950	1	Tube-Inner (W/Valve)
10:3	93-4241	1	Spacer-Bearing, Inner
10:4	93-4237	2	Bearing
10:6	32128-16	4	Nut-HHF
10:7	93-4242	1	Plate
10:8	93-4239	1	Rim-Wheel, Half

Ref. No.	Part No.	Qty.	Description
10:9	93-5980	1	Hub
10:10	95-2741	1	Rim-Wheel, Half

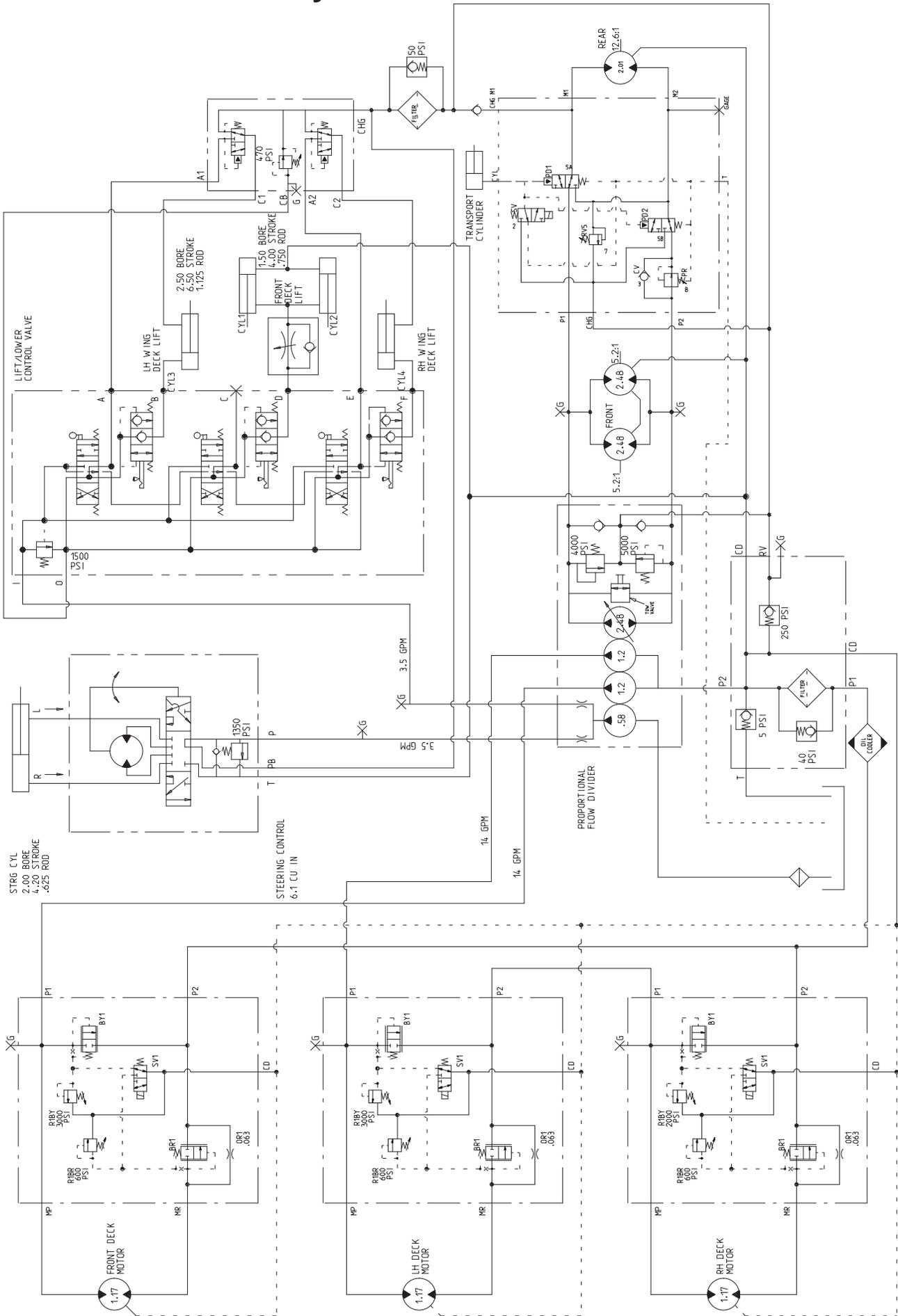


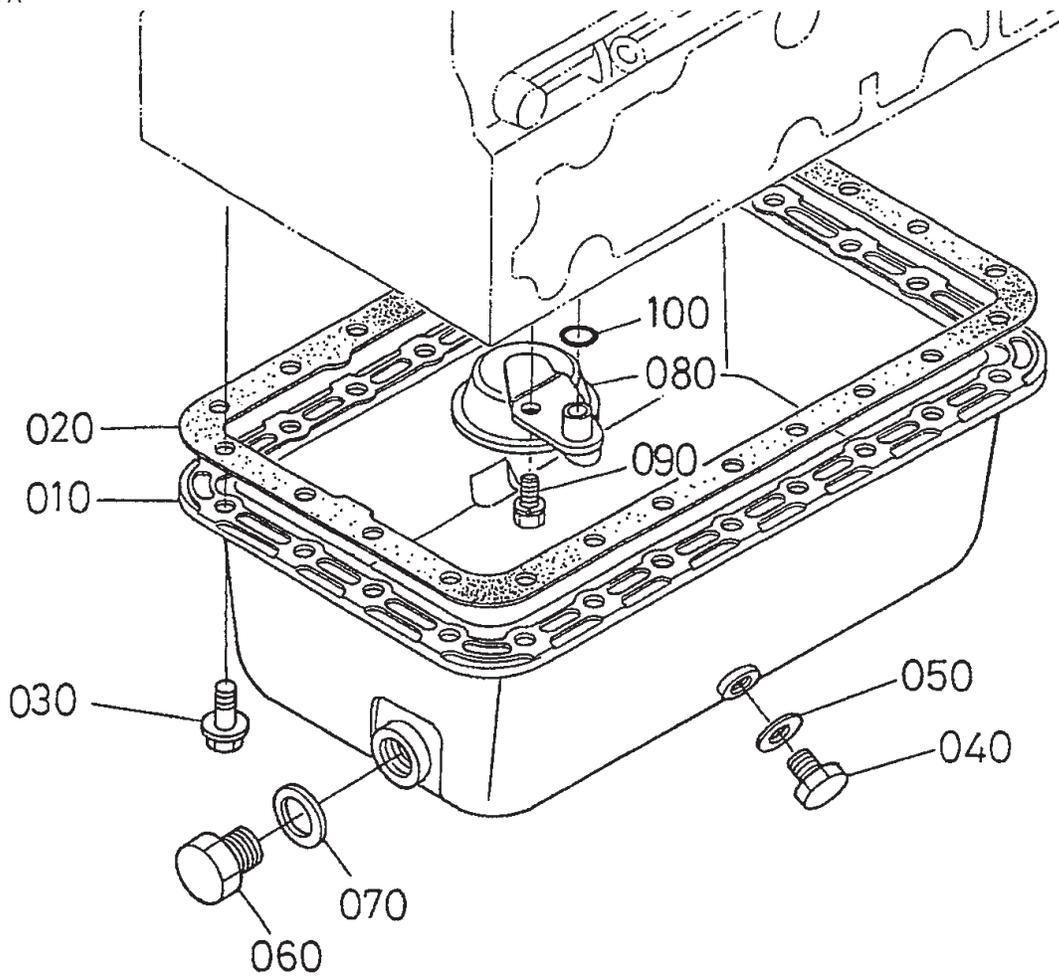
Sheet No.:2

LH Deck, Idler and Skid Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-3037	1	LH Side Deck ASM	18	3290-343	4	Pin-Hair
1:1	43-8480	1	Decal-Danger	19	104-7529-01	2	Castor Bracket ASM
1:1	100-6583	1	Decal-Danger	20	104-3579	1	Decal-HOC, LH
1:2	100-5693	1	Decal-Rear HOC, LH	21	100-5569	4	Pin-Clevis
1:3	32148-9	3	Insert-Nut	22	104-7524	8	Shim
1:4	100-5622	1	Decal-HOC	23	104-7525-01	2	Bracket-Fork
1:5	100-6578	3	Decal-Danger	24	3234-24	12	Screw-HHF
1:6	93-7818	1	Decal-Torque, Blade Bolt	25	3233-4	1	Screw-CARR
2	100-8125-01	1	LH Skid ASM				
3	3296-25	15	Nut-Lock NI				
4	3256-26	8	Washer-Flat				
5	100-2984	1	Spacer-Idler				
6	99-5493	1	Pulley-Idler				
7	100-3102	1	Washer-Flat				
8	55-7660	1	V-Belt				
9	3234-42	4	Screw-HHF				
10	104-3532	1	Low Driven Spindle ASM				
11	32108-103	2	Screw-FH				
12	69-9290	1	Pad-Bumper				
13	104-8300	2	Nut-Flange, NI				
14	104-2250-01	1	Skid ASM-Side				
15	104-8301	20	Nut-Flange, NI				
16	3234-38	8	Screw-HHF				
17	9002719	6	Screw-CARR				

Hydraulic Schematic



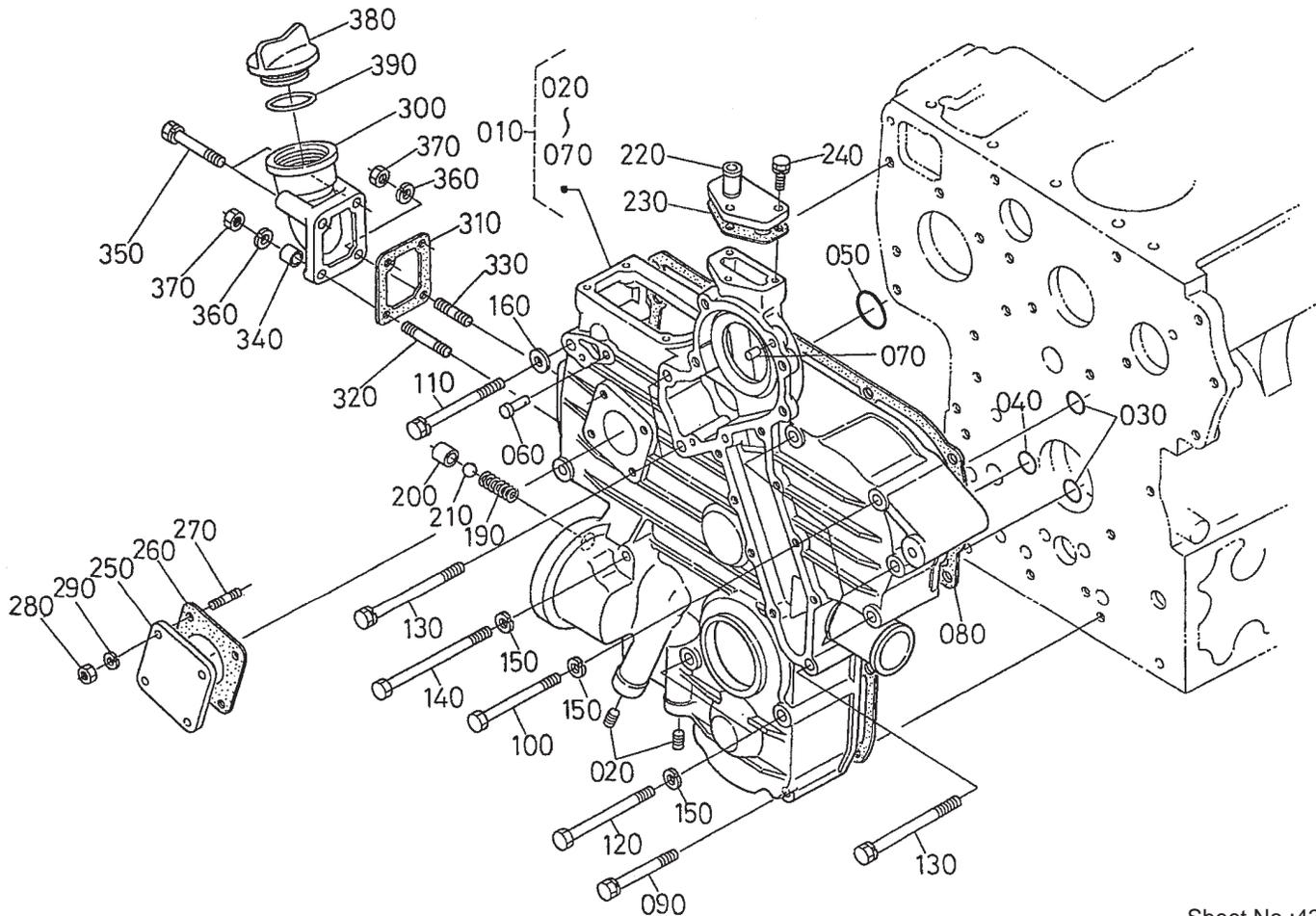


Sheet No.:41

Oil Pan Assembly

Ref. No.	Part No.	Qty.	Description
010	98-7520	1	Pan-Oil
020	98-7521	1	Gasket
030	98-7522	24	Bolt-Flange
040	98-9386	1	Plug
050	98-7524	1	Gasket
060	98-7529	1	Plug-Drain
070	98-7527	1	O-Ring
080	98-7525	1	Filter-Oil
090	98-7526	1	Bolt
100	98-7528	1	O-Ring

Ref. No.	Part No.	Qty.	Description

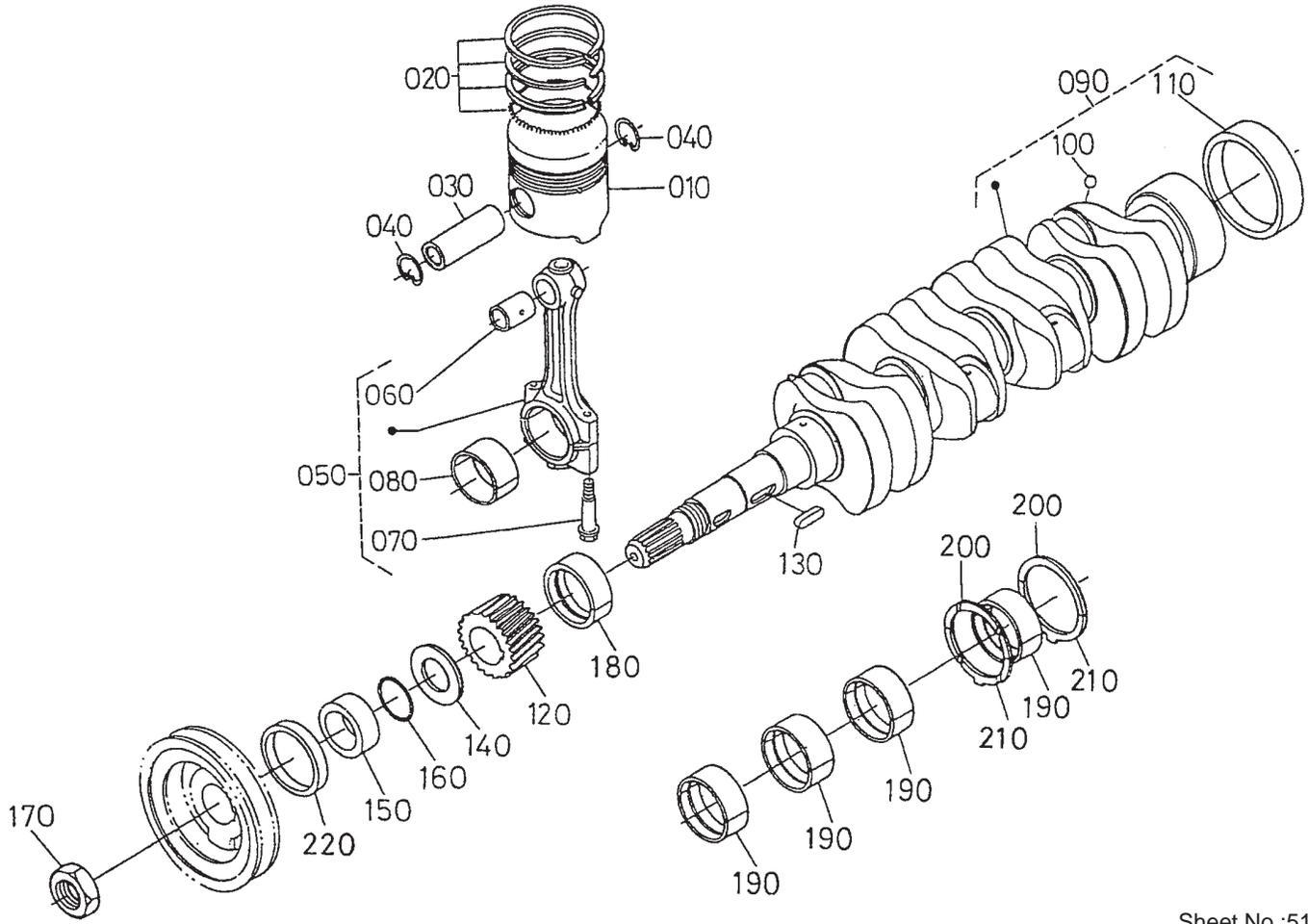


Sheet No.:43

Gear Case Assembly

Ref. No.	Part No.	Qty.	Description
010	100-9161	1	Gearcase ASM
020	98-7546	2	Plug
030	98-7547	2	O-Ring
040	98-7548	1	O-Ring
050	98-7549	1	O-Ring
060	98-7550	1	Pin-Spring, Start
070	98-7504	2	Pin - Straight
080	98-7552	1	Packing-Case, Gear
090	98-7553	2	Bolt
100	99-8336	5	Bolt
110	98-7555	1	Bolt
120	98-7556	2	Bolt
130	98-7557	3	Bolt
140	98-7558	2	Bolt
150	99-8339	9	Washer-Spring
160	98-7536	1	Washer-Plain
190	98-7563	1	Spring
200	98-7564	1	Seat-Valve
210	98-7565	1	Ball
220	98-7566	1	Flange-Return, Water
230	98-7567	1	Gasket
240	98-7568	3	Bolt
250	98-7569	1	Cover
260	98-7570	1	Gasket-Unit, H/Meter
270	98-7571	4	Stud
280	98-7572	4	Nut

Ref. No.	Part No.	Qty.	Description
290	98-7699	4	Washer-Spring
300	100-9162	1	Flange-Filter, Oil
310	100-9163	1	Gasket
320	98-7571	1	Stud
330	100-9164	1	Stud
340	100-9165	1	Collar
350	98-7496	2	Bolt
360	98-7699	2	Washer-Spring
370	98-7572	2	Nut
380	98-7429	1	Plug-Filter, Oil
390	98-7430	1	O-Ring

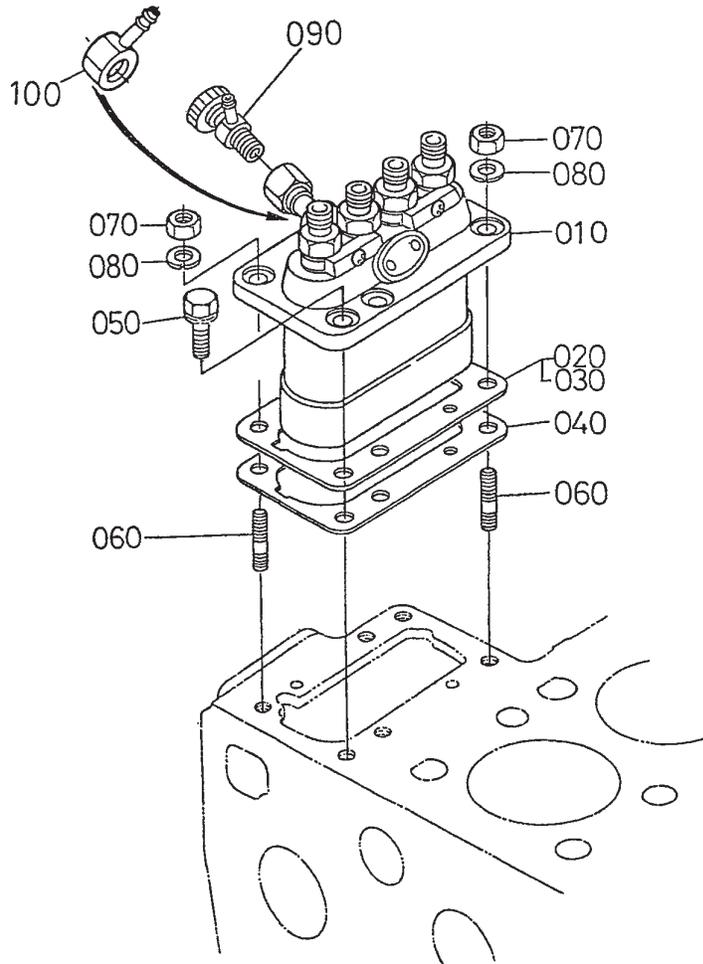


Sheet No.:51

Piston and Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
010	99-5435	1	Piston (+.50mm)
010	100-9181	4	Piston, STD
020	100-9182	4	Piston Ring ASM, STD
020	99-5436	1	Piston Ring ASM (+0.50mm)
030	98-7464	4	Pin - Piston
040	98-7465	8	Clip-Pin, Piston
050	98-7466	4	Connecting Rod ASM
060	98-7467	4	Bushing-Pin, Piston
070	98-7468	8	Bolt-Rod, Connecting
080	98-7471	4	Metal-Crankpin, -0.40 Mm
080	98-7470	4	Metal-Crankpin, -0.20 Mm
080	98-7469	4	Metal-Crankpin, STD
090	98-7472	1	Crankshaft-Complete
100	98-7473	4	Ball
110	98-7474	1	Sleeve - Crankshaft
120	98-7475	1	Gear - Crankshaft
130	98-7451	1	Key - Feather
140	98-7476	1	Slinger - Oil
150	98-7477	1	Collar - Crankshaft
160	98-7478	1	O-Ring
170	98-7479	1	Nut - Crankshaft
180	98-7483	1	Metal - Crankshaft, -0.40 Mm

Ref. No.	Part No.	Qty.	Description
180	98-7482	1	Metal - Crankshaft, -0.20 Mm
180	98-7481	1	Metal - Crankshaft, STD
190	99-6863	4	Metal-Crankshaft, -0.40 Mm
190	99-6862	4	Metal-Crankshaft, -0.20 Mm
190	98-7484	4	Metal - Crankshaft, STD
200	98-9415	2	Bearing-Thrust (0.4mm)
200	98-9414	2	Bearing-Thrust (0.2mm)
200	99-6864	2	Metal - Side, STD
210	99-6869	2	Metal - Side, O/S 0.4mm
210	98-9689	2	Bearing-Thrust (+0.2mm)
210	99-6867	2	Metal - Side, STD
220	98-7480	1	Seal - Oil

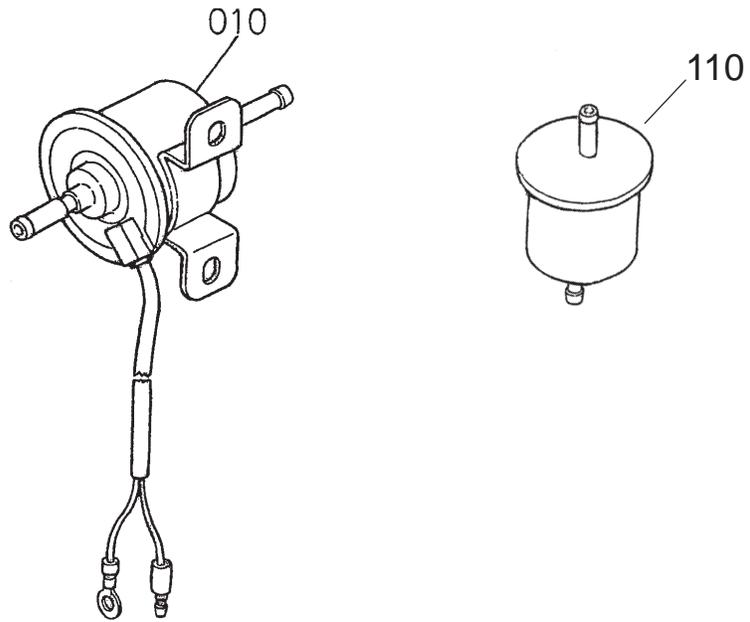


Sheet No.:55

Injection Pump Assembly

Ref. No.	Part No.	Qty.	Description
010	100-9201	1	Injection Pump ASM
020	98-7607	1	Shim
030	98-7608	1	Shim
040	98-7609	1	Shim-Pump, Injection
050	98-7610	4	Bolt
060	100-1558	2	Stud-Manifold, Exhaust
070	98-7534	2	Nut
080	99-8339	2	Washer-Spring
090	100-9202	1	Jet Start Cock ASM
100	98-7617	1	Joint

Ref. No.	Part No.	Qty.	Description

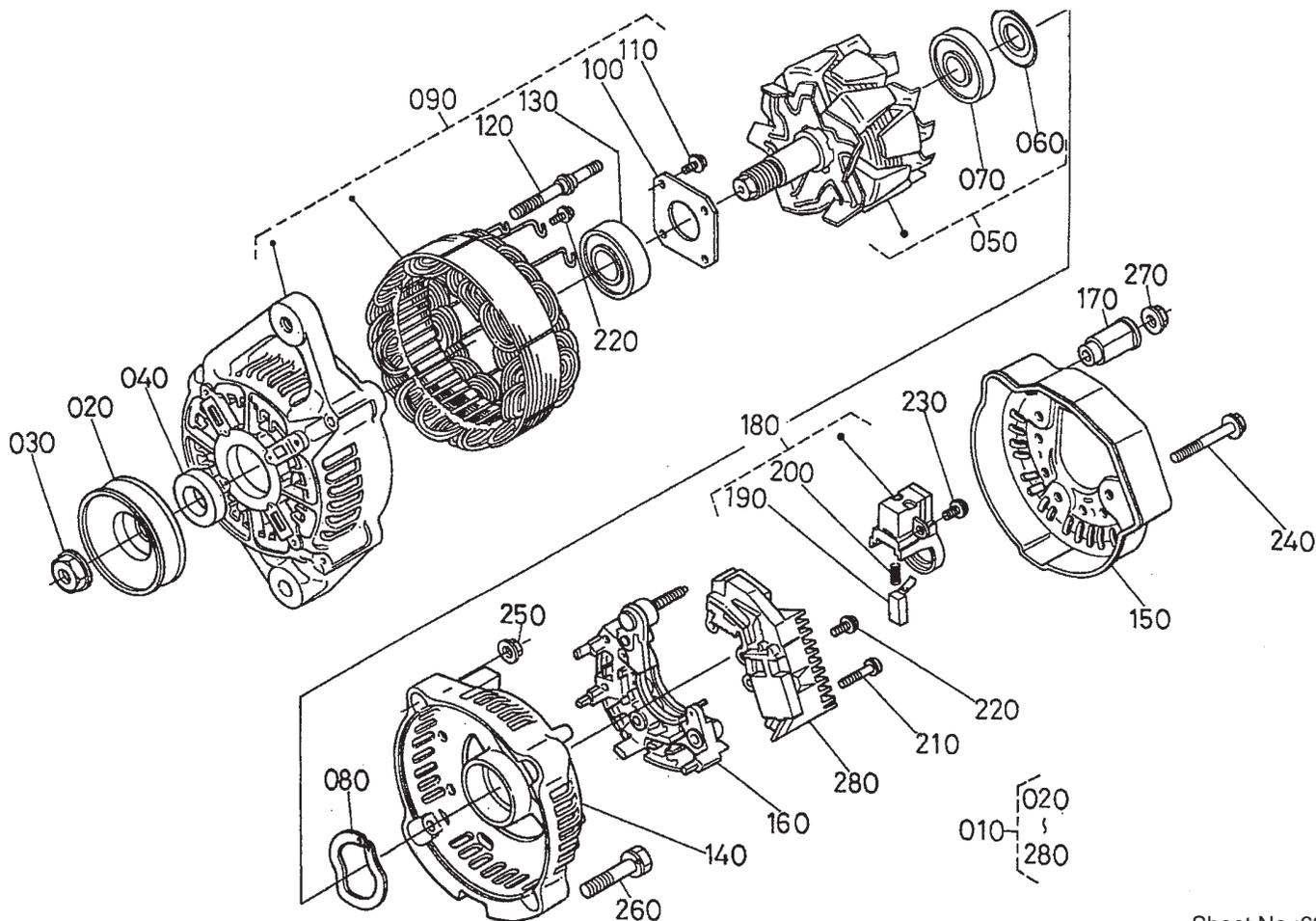


Sheet No.:60

Fuel Filter

Ref. No.	Part No.	Qty.	Description
010	104-5215	1	Pump-Fuel, Electric
110	98-7612	1	Filter-Fuel

Ref. No.	Part No.	Qty.	Description
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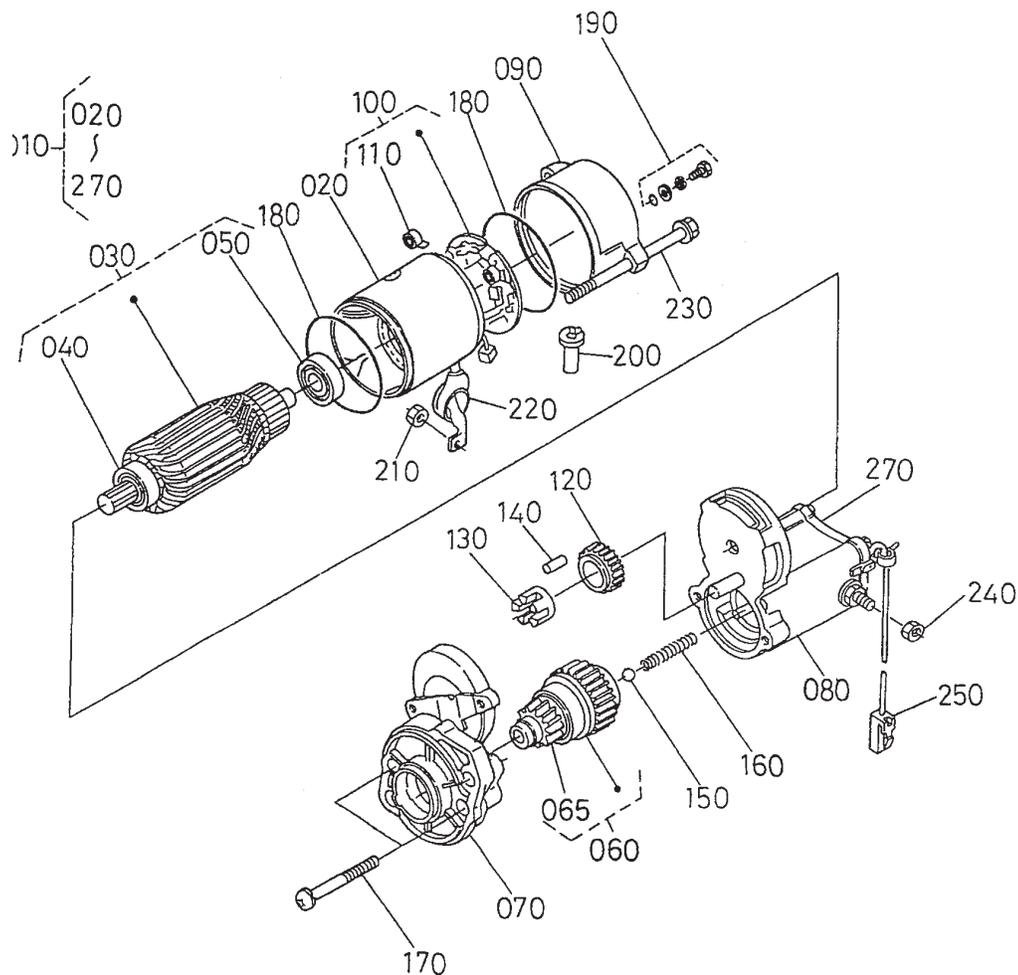


Sheet No.:62

Alternator Component Parts Assembly

Ref. No.	Part No.	Qty.	Description
010	98-7693	1	Alternator ASM
020	98-7707	1	Pulley-Alternator
030	98-7708	1	Nut
040	98-7709	1	Collar
050	98-7710	1	Rotor
060	98-7711	1	Cover-Bearing
070	98-7712	1	Bearing-Ball
080	98-7713	1	Washer-Thrust
090	98-7714	1	Frame-End, Drive
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	98-7718	1	Bearing-Ball
140	98-7719	1	Frame-End
150	98-7720	1	Cover-End
160	98-7721	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	98-7723	1	Holder-Brush
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt
250	98-7730	2	Nut
260	98-7731	2	Bolt

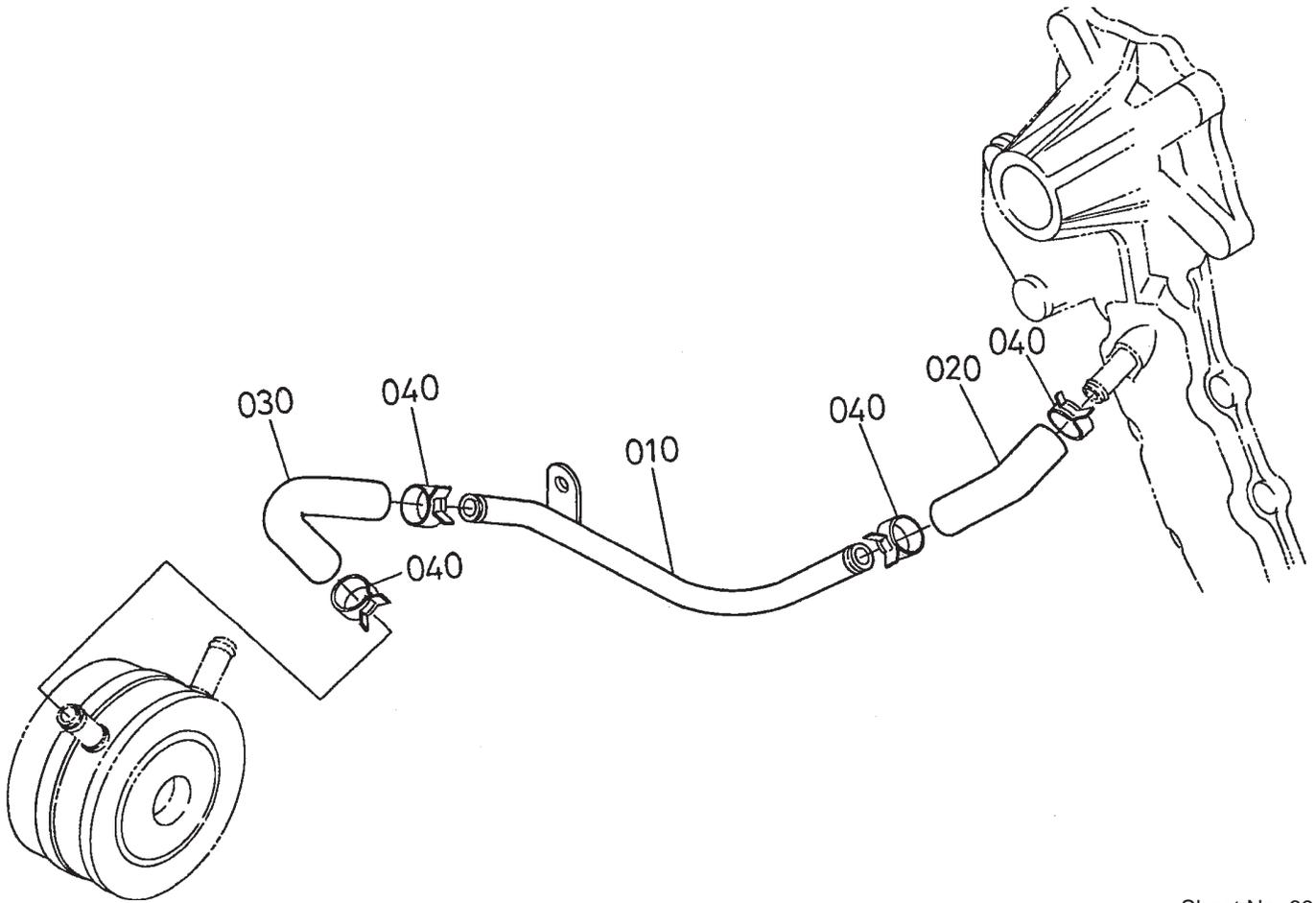
Ref. No.	Part No.	Qty.	Description
270	98-7732	1	Nut
280	98-7733	1	Regulator ASM



Sheet No.:64

Starter Component Parts Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
010	100-9237	1	Starter ASM	250	98-9711	1	Cord-Solenoid, Stop
020	104-8608	1	Yoke ASM	270	105-2886	1	Cover ASM
030	98-7742	1	Armature ASM				
040	98-7744	1	Bearing				
050	98-7743	1	Bearing				
060	98-7745	1	Clutch-Running, Over				
065	105-2887	1	Pinion-Bevel				
070	98-7746	1	Frame-End, Drive				
080	100-9239	1	Magnetic Switch ASM				
090	98-7748	1	Frame-End				
100	98-7749	1	Brush Holder ASM				
110	98-7750	4	Spring-Brush				
120	98-7751	1	Gear				
130	98-7752	1	Retainer				
140	98-7753	5	Roller				
150	98-7755	1	Ball				
160	98-7754	1	Spring				
170	98-7756	2	Bolt				
180	98-7757	2	O-Ring				
190	98-7758	2	Bolt ASM				
200	98-7759	1	Pipe-Drain				
210	105-2873	1	Nut				
220	99-8375	1	Cover				
230	100-9240	2	Bolt				
240	99-8376	1	Nut-Hex				

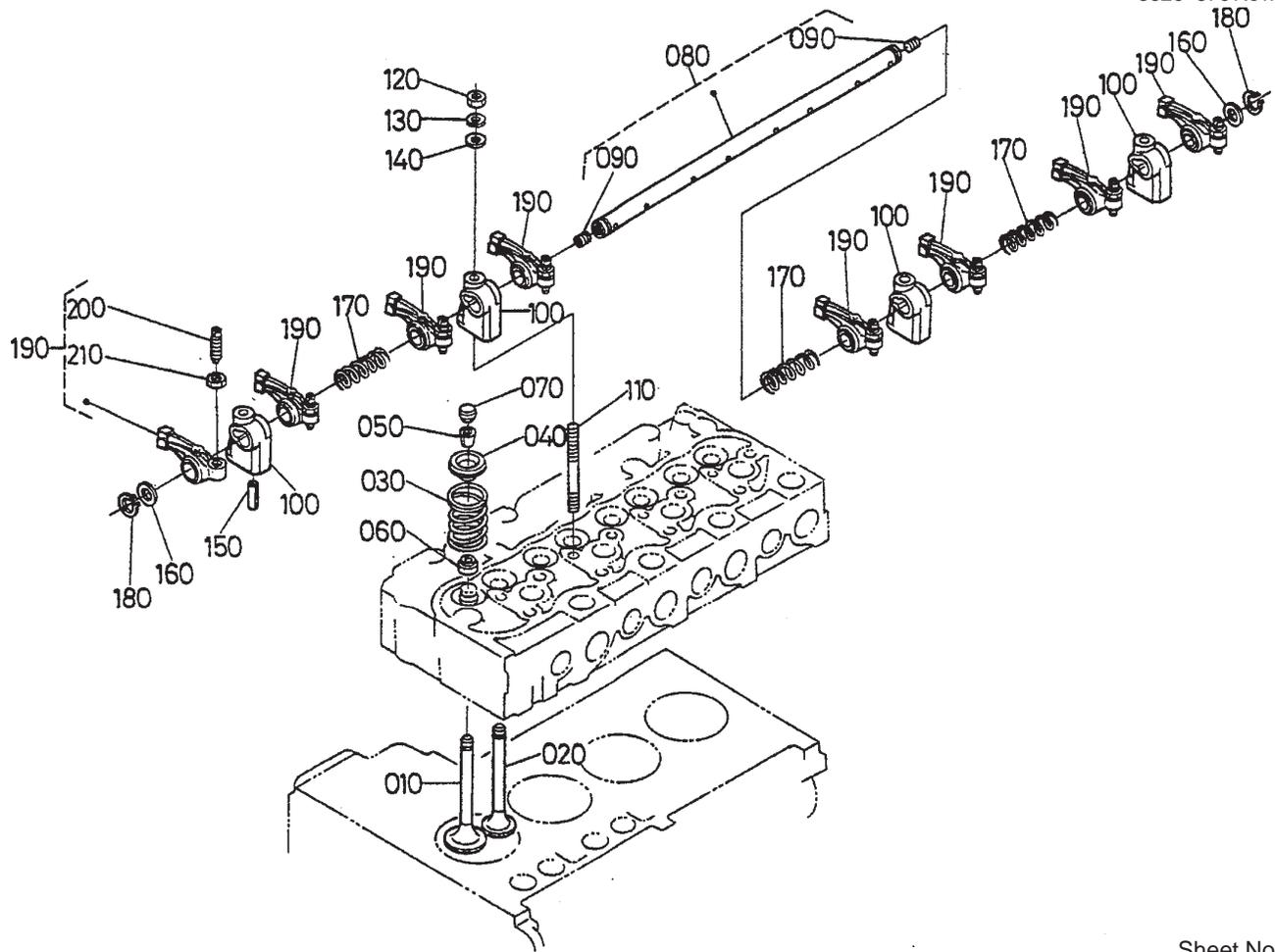


Sheet No.:69

Water Pipe Assembly

Ref. No.	Part No.	Qty.	Description
010	100-9278	1	Pipe-Water
020	100-9279	1	Pipe-Water
030	100-9280	1	Pipe-Cooler, Oil
040	98-9579	4	Band-Pipe

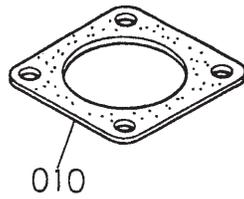
Ref. No.	Part No.	Qty.	Description



Sheet No.:71

Valve and Rocker Arm Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
010	98-7791	4	Valve-Inlet				
020	100-9281	4	Valve-Exhaust				
030	98-7793	8	Spring-Valve				
040	98-7794	8	Retainer-Spring, Valve				
050	98-7795	8	Collet-Spring, Valve				
060	98-7796	8	Seal-Stem, Valve				
070	98-7797	8	Cap-Valve				
080	98-7798	1	Rocker Arm Shaft ASM				
090	98-7799	2	Screw-Set				
100	98-7800	4	Bracket-Arm, Rocker				
110	98-7801	4	Stud				
120	98-7534	4	Nut				
130	99-8339	4	Washer-Spring				
140	98-7535	4	Washer-Spring				
150	98-7805	1	Pin-Spring				
160	98-7806	2	Washer				
170	98-7807	3	Spring-Arm, Rocker				
180	98-7808	2	Clip-Cir., External				
190	98-7809	8	Rocker Arm ASM				
200	98-7810	8	Screw-Adjusting				
210	98-7811	8	Nut				

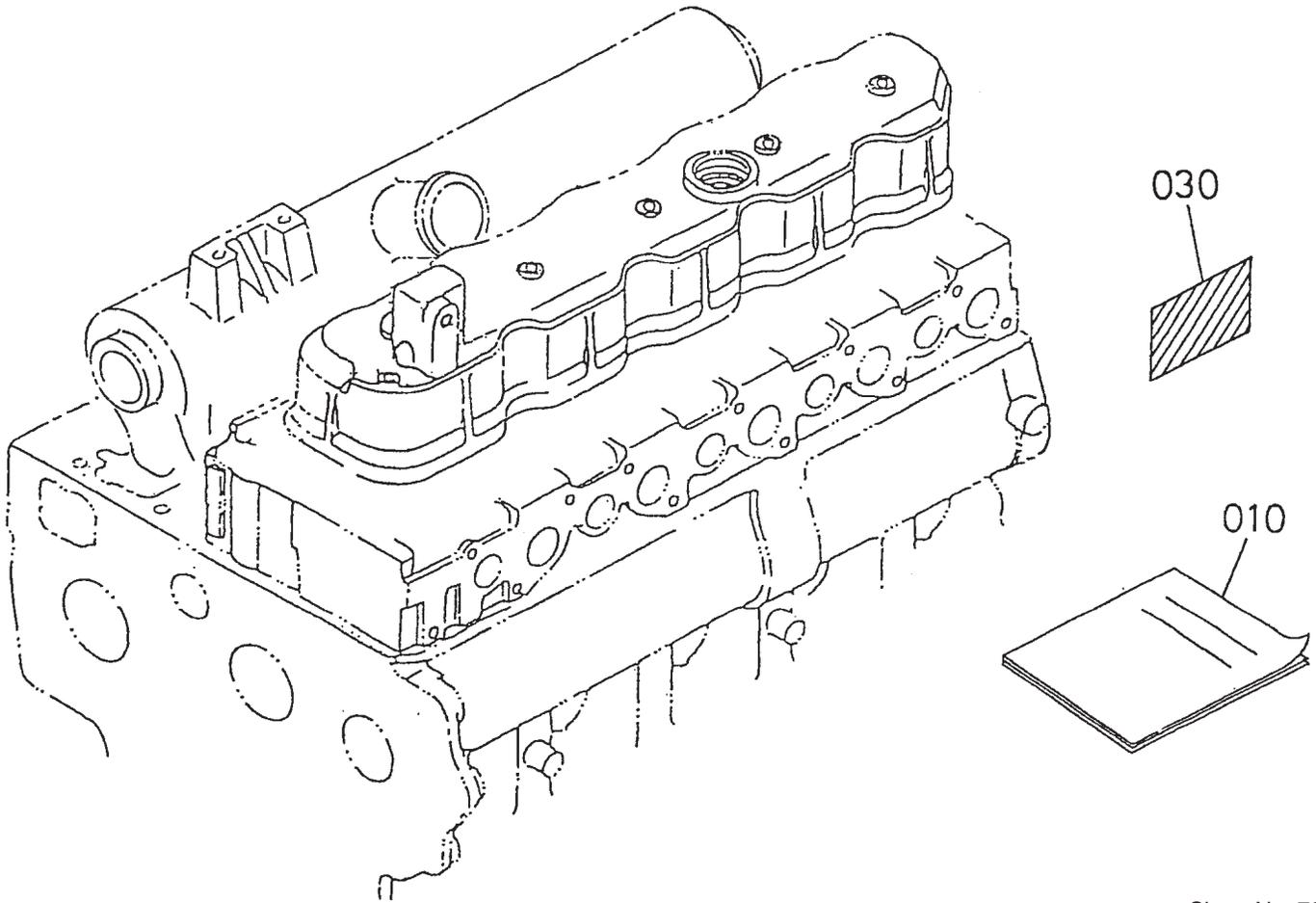


Sheet No.:77

Muffler Gasket and Glow Controller

Ref. No.	Part No.	Qty.	Description
010	100-9333	1	Gasket-Muffler
020	98-7611	1	Controller-Glow

Ref. No.	Part No.	Qty.	Description
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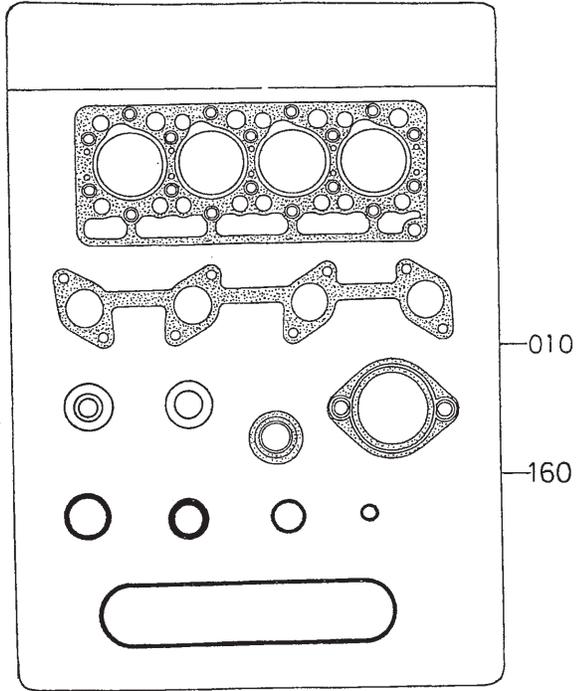


Sheet No.:78

Label and Operators Manual

Ref. No.	Part No.	Qty.	Description
010	100-9335	1	Manual-Instruction

Ref. No.	Part No.	Qty.	Description



Sheet No.:79

Gasket Kit

Ref. No.	Part No.	Qty.	Description
010	100-9337	1	Kit-Gasket, Upper
160	98-7888	1	Kit-Gasket, Lower

Ref. No.	Part No.	Qty.	Description
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