



# Groundsmaster<sup>®</sup> 4000-D

## Traction Unit

Model No. 30410-230000001 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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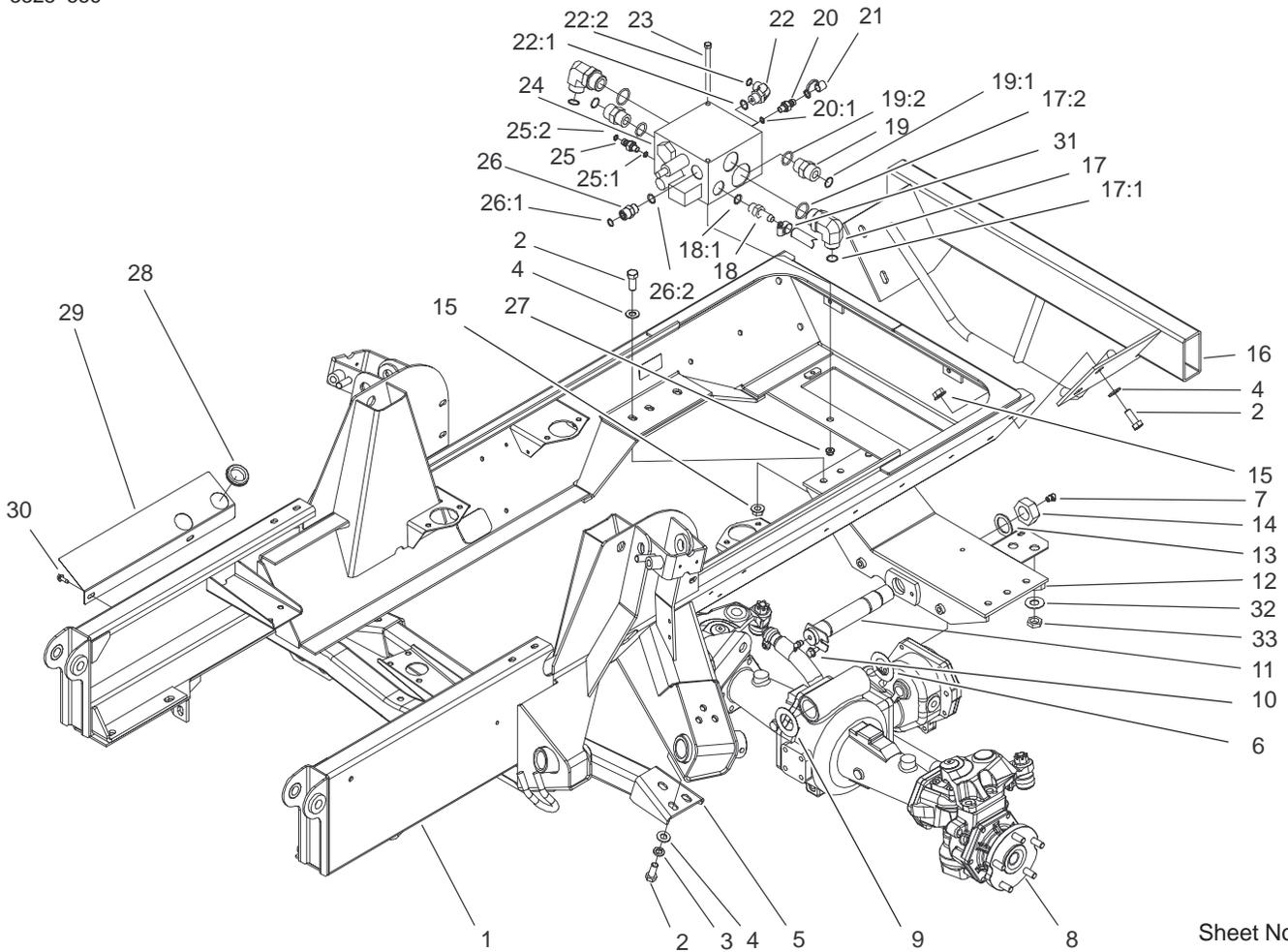
## Accessories

<b>Description</b>	<b>Model / Part No.</b>	<b>Description</b>	<b>Model / Part No.</b>
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.

<b>Abbreviation</b>	<b>Meaning</b>	<b>Abbreviation</b>	<b>Meaning</b>
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



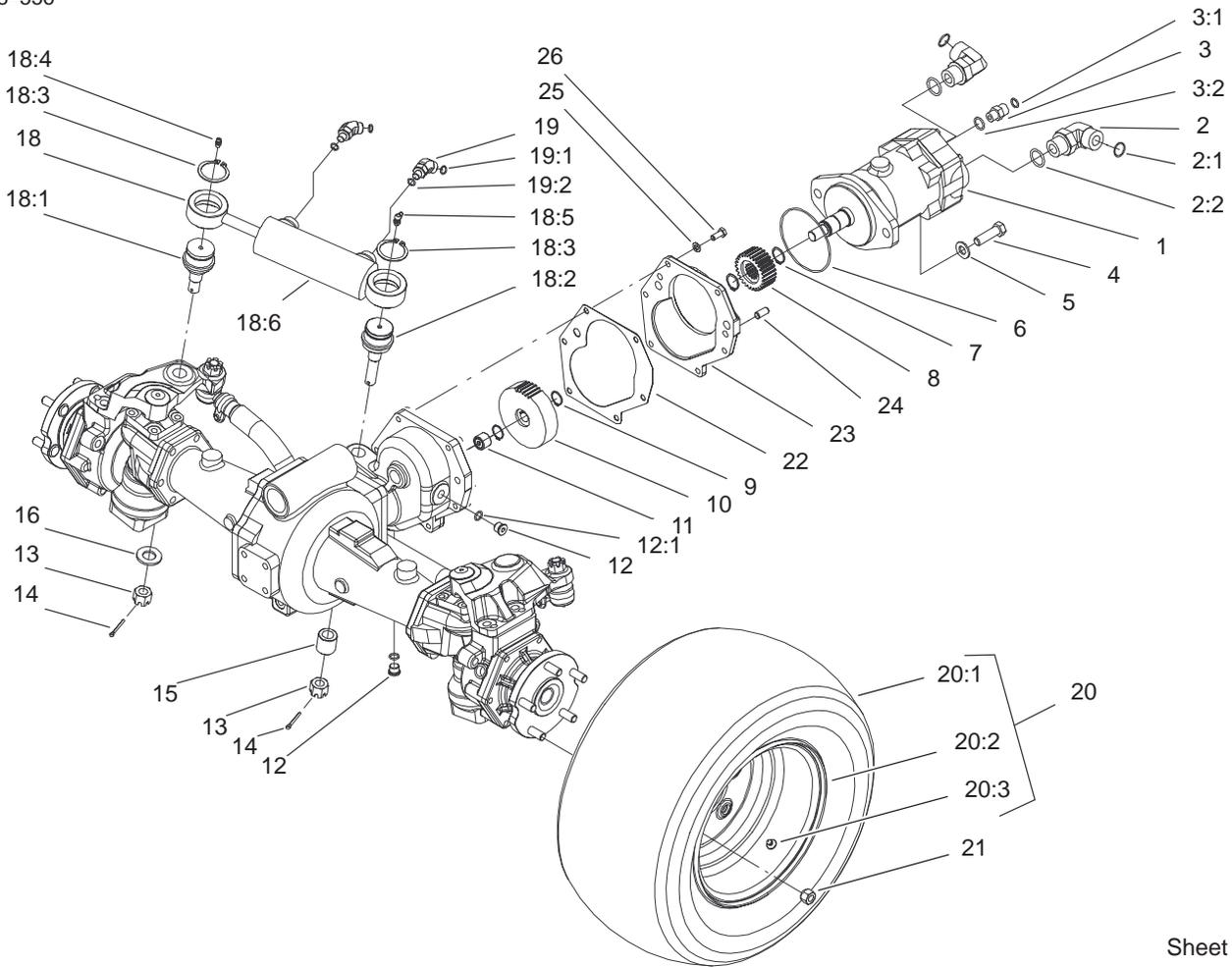
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## Frame, Rear Axle Mount and Bumper Assembly

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	Fitting-HYD, 90°
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-HYD, Straight
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	Nut-Lock





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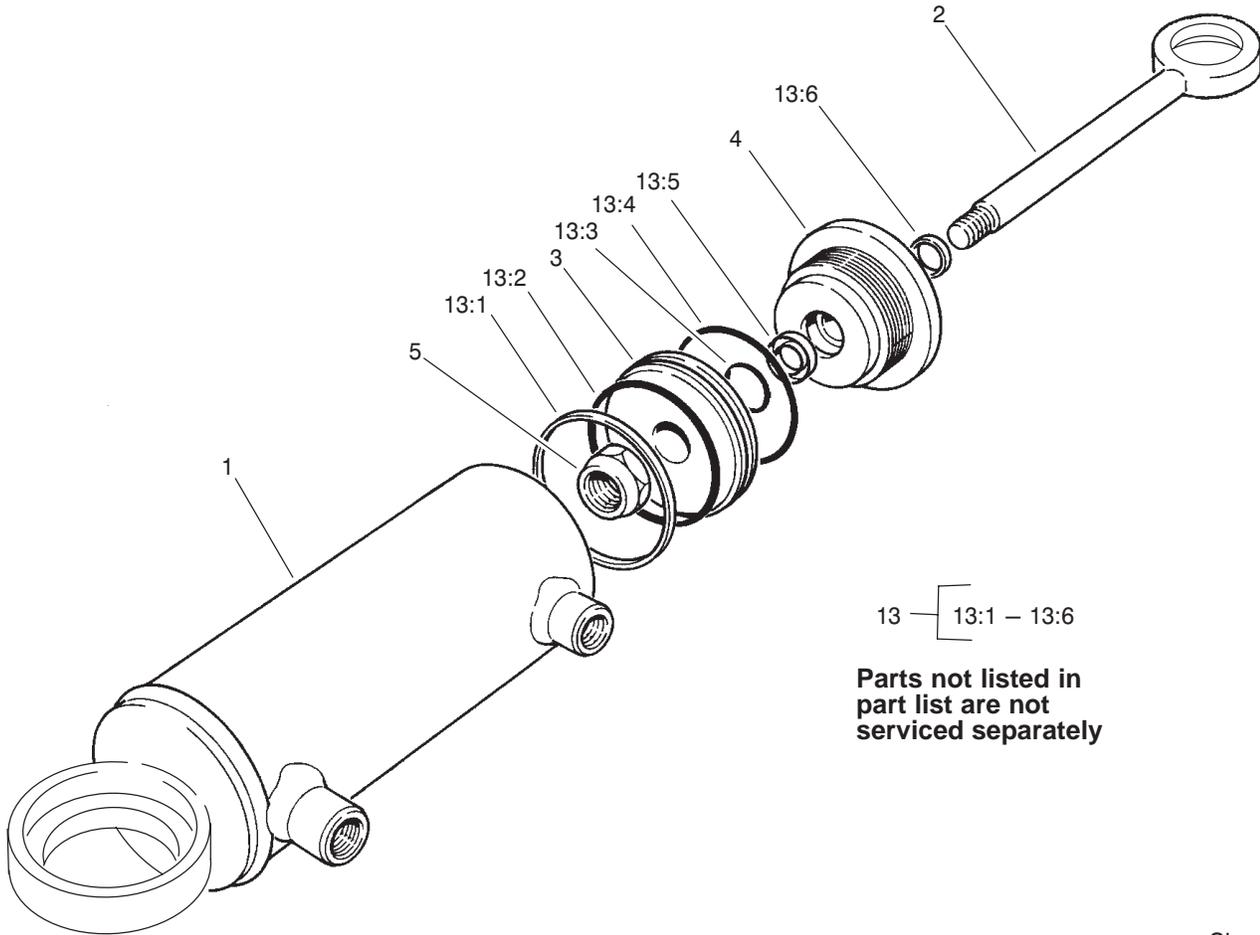
## Rear 4WD Axle and Tire Assembly

Ref. No.	Part No.	Qty.	Description
1	104-0764	1	Motor-Piston
2	340-142	2	Fitting-HYD, 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
18	105-0775	1	Steering Cylinder ASM
18:1	92-5838	1	Joint-Ball
18:2	100-3795	1	Joint-Ball
18:3	32151-104	2	Ring-Retaining, Ext

Ref. No.	Part No.	Qty.	Description
18:4	302-5	1	Fitting-Grease
18:5	302-60	1	Fitting-Grease
☆18:6		1	Cylinder-Steering
19	340-54	2	Elbow-45°
19:1	237-22	1	O-Ring
19:2	237-78	1	O-Ring
☆20		2	Wheel And 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
22	95-7540	1	Gasket
23	95-7541	1	Plate-Cover
24	104-2353	2	Pin-Dowel
25	3253-4	6	Washer-Lock
26	33114-020	6	Screw-HH

☆ Not serviced separately





13 — 13:1 – 13:6

Parts not listed in part list are not serviced separately

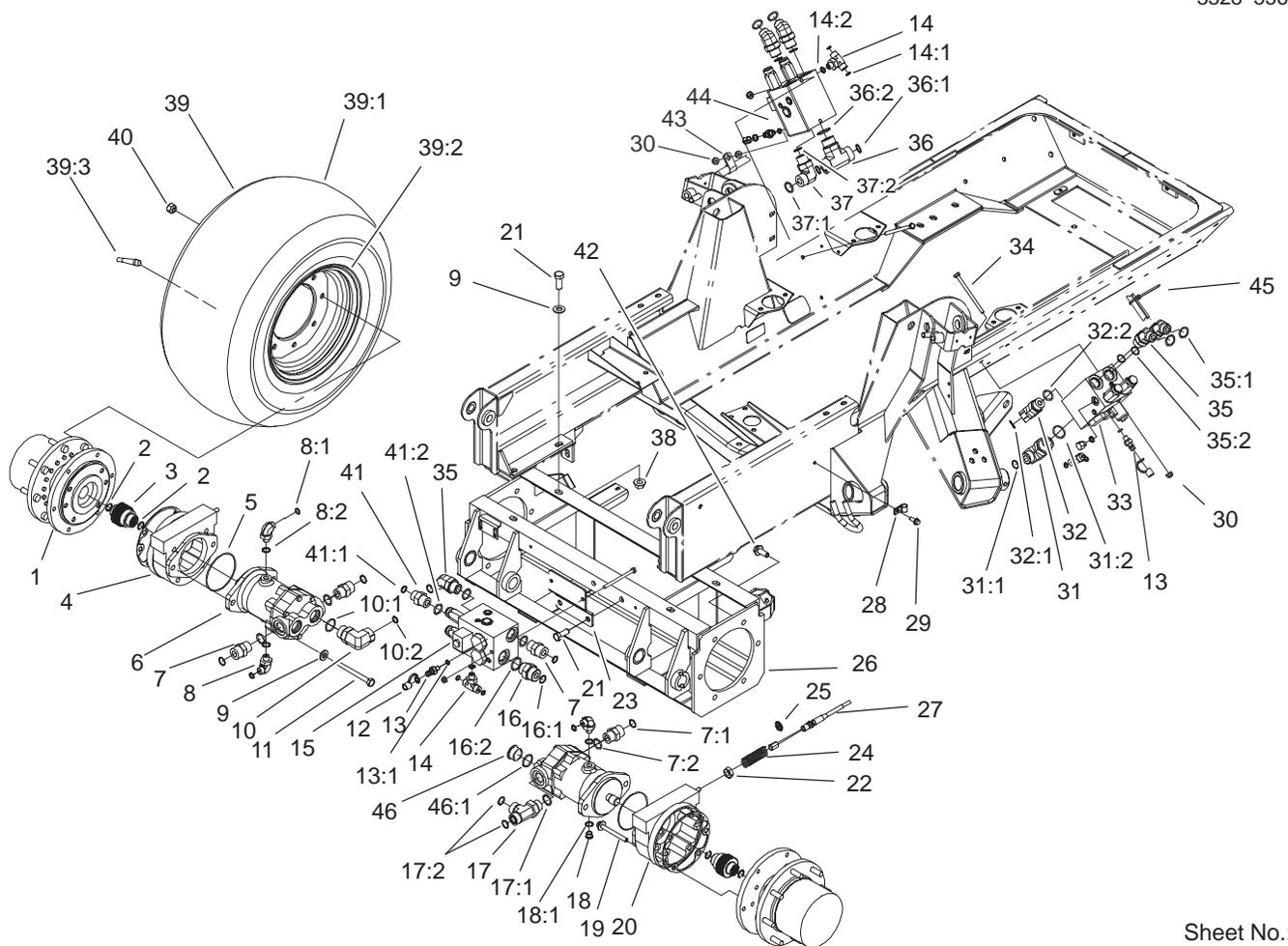
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## Hydraulic Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
3	66-1940	1	Piston
4	92-6588	1	Gland
5	66-1930	1	Locknut
13	92-6593	1	Kit-Seal
☆13:1		1	Seal
☆13:2		1	O-Ring
☆13:3		1	O-Ring
☆13:4		1	O-Ring
☆13:5		1	U-Cup
☆13:6		1	Wiper

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately



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## Planetary, Brake and Tire Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	104-0722-03	2	Planetary ASM	16:1	237-58	1	O-Ring
2	93-7972	4	Ring-Retaining, Internal	16:2	237-146	1	O-Ring
3	100-3046	2	Shaft-Brake, Splined	17	340-148	1	Fitting
4	100-3069	1	Brake ASM	17:1	237-81	1	O-Ring
5	237-166	2	O-Ring	17:2	237-58	2	O-Ring
6	100-3052	2	Motor-Piston	18	353-989	1	Plug-Hex, Hollow
7	340-9	4	Fitting-Straight	18:1	237-42	1	O-Ring
7:1	237-58	1	O-Ring	19	33106-090	8	Screw-HHF
7:2	237-81	1	O-Ring	20	100-3070	1	Brake ASM
8	340-99	3	Fitting-HYD, 90°	21	325-5	8	Screw-HH
8:1	237-30	1	O-Ring	22	3218-4	2	Nut-Jam
8:2	237-42	1	O-Ring	23	104-0746-03	1	Bracket-Manifold
9	3256-26	10	Washer-Flat	24	94-3088	2	Spring-Compression
10	340-129	1	Fitting-HYD, 90°	25	94-3050	2	Plate-Spring
10:1	237-146	1	O-Ring	26	100-8080-03	1	Bolt-In Frame ASM
10:2	340-65	1	O-Ring	27	99-5501	2	Brake Cable ASM
11	33116-120	4	Screw-HH	28	2412-93	2	Clamp-R
12	354-79	3	Cap-Dust, Yellow	29	32144-11	2	Screw-TAP
13	354-77	3	Fitting-Quick	30	104-8300	7	Nut-Flange, NI
13:1	237-78	1	O-Ring	31	340-15	1	Fitting-HYD, 90°
14	340-94	3	Adapter	31:1	237-58	1	O-Ring
14:1	237-22	2	O-Ring	31:2	237-146	1	O-Ring
14:2	237-42	1	O-Ring	32	100-5530	1	Fitting-45°
15	106-2039	1	Manifold-PTO	32:1	237-58	1	O-Ring
16	340-91	1	Adapter	32:2	237-81	1	O-Ring
				33	100-3055	1	Manifold-PTO







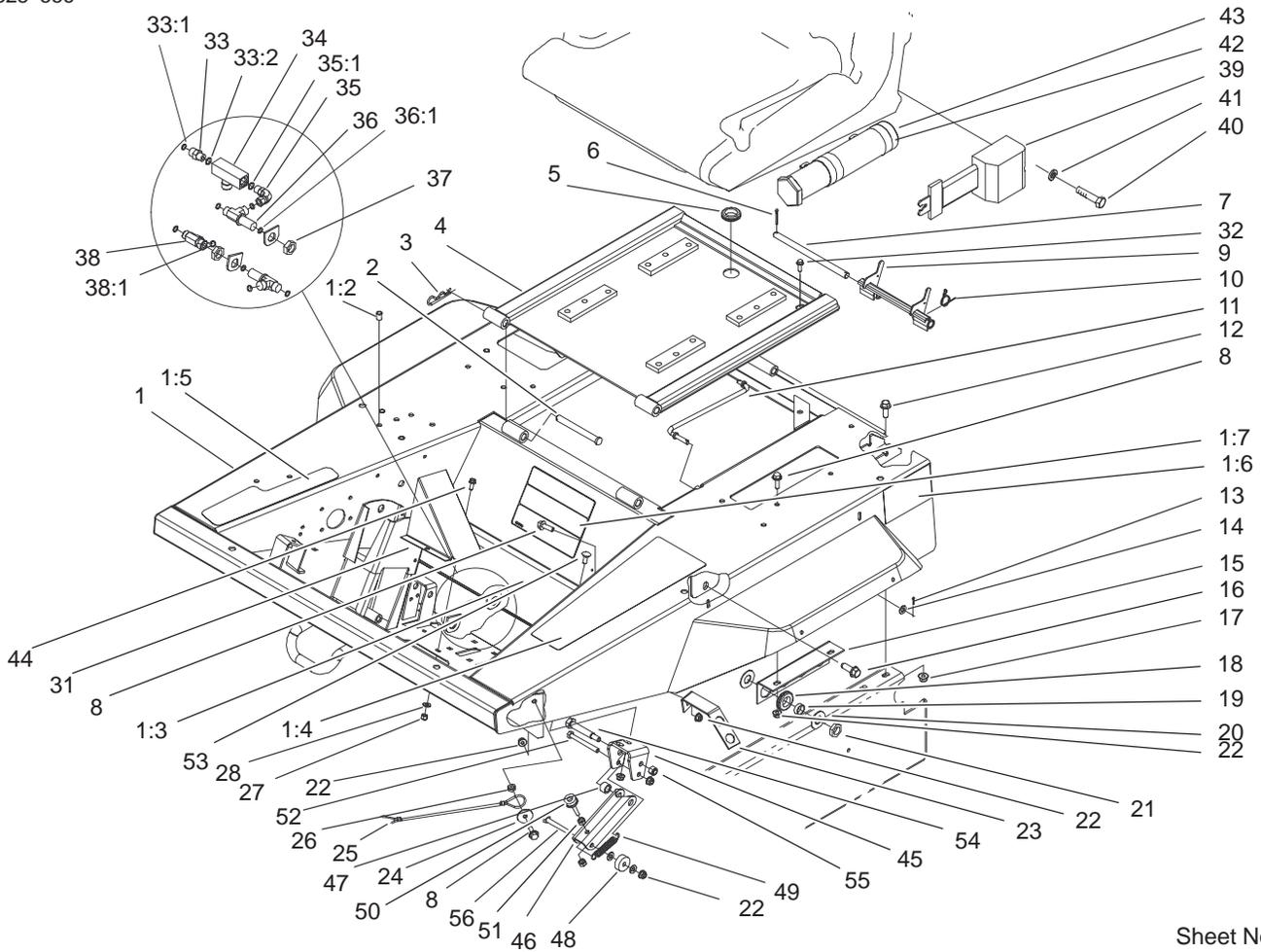












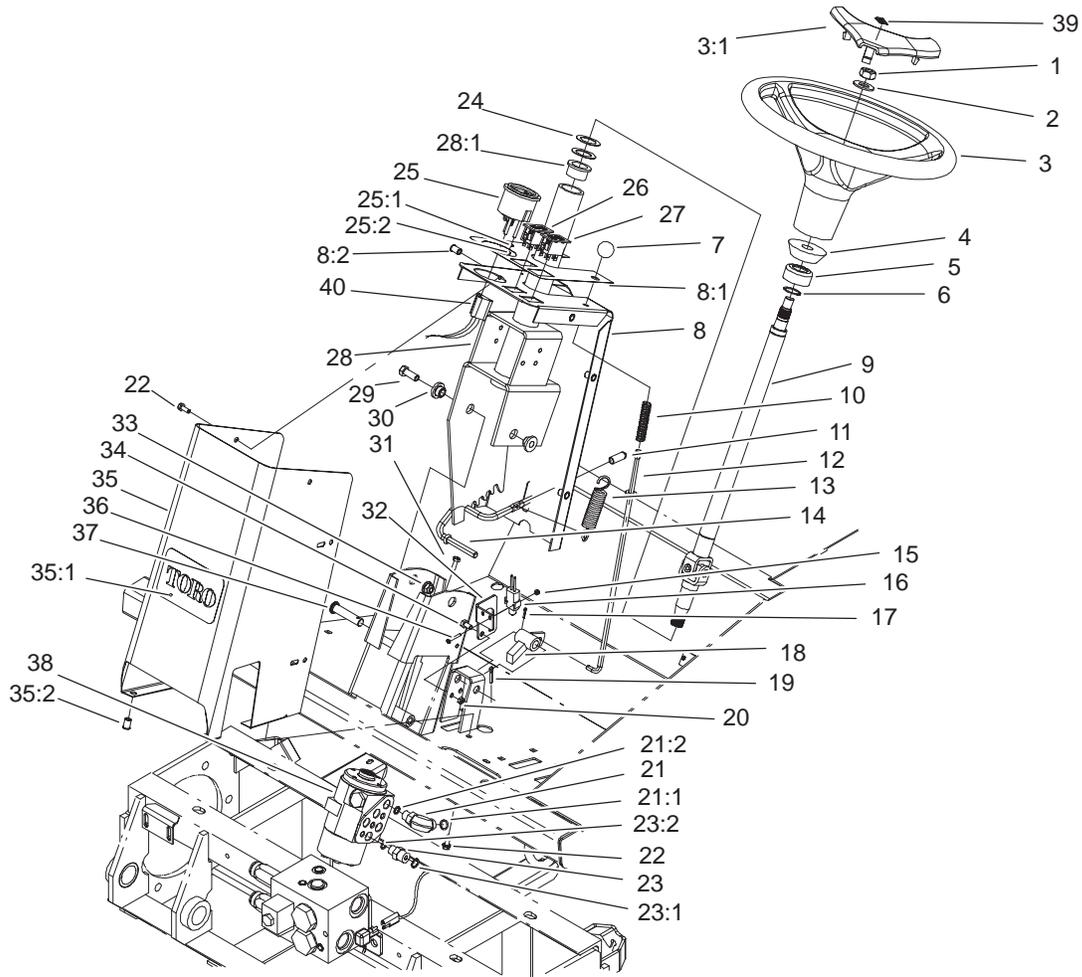
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## Platform and Seat Base Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3033	1	Platform ASM
1:2	32148-6	14	Insert-Nut
1:3	93-5349	2	Abrasive-Floor
1:4	93-5507	1	Abrasive-Platform
1:5	104-3599	1	Decal-Pedal, Traction
1:6	94-8099	2	Decal-4wd
1:7	106-6764	1	Decal-Operating Instruction, Ce
2	93-5343	2	Pin-Clevis
3	3290-355	2	Pin-Hair
4	100-3060-03	1	Seat Plate ASM
5	240-5	1	Grommet
6	3272-11	2	Pin-Cotter
7	93-5366	1	Shaft-Latch
8	3234-29	4	Screw-HHF
9	93-5363	1	Latch ASM
10	93-5367	1	Spring-Torsion
11	93-5338	1	Rod-Prop
12	3234-42	2	Screw-HHF
13	3272-5	2	Pin-Cotter
14	3256-23	4	Washer-Flat
15	100-3149-03	1	Bracket-Bulkhead
16	32144-67	2	Screw
17	104-8301	2	Nut-Flange, NI
18	240-4	4	Grommet-Rubber
19	69-8970	4	Spacer

Ref. No.	Part No.	Qty.	Description
20	69-8940	8	Washer
21	340-70	4	Nut-Lock
22	104-8300	8	Nut-Flange, NI
23	100-5500-03	1	Support
24	3256-57	1	Washer-Flat
25	93-9595	1	Lanyard
26	3218-3	1	Nut-Jam
27	3296-42	2	Nut-Lock, NI
28	3256-22	2	Washer-Flat
31	100-3045-01	1	Cover-Tubes
32	3234-4	1	Screw-HHF
33	340-2	1	Fitting-HYD, Straight
33:1	237-22	1	O-Ring
33:2	237-42	1	O-Ring
34	98-9742	1	Valve-Control, Flow
35	340-110	1	Fitting-Swivel, 90°
35:1	237-42	1	O-Ring
36	340-68	2	Fitting-Tee, Bulkhead
36:1	237-22	3	O-Ring
37	340-70	2	Nut-Lock
38	340-115	1	Fitting-Tee
38:1	237-22	2	O-Ring
39	100-4928	1	Belt-Seat
40	3212-4	2	Screw-HH
41	3253-6	2	Washer-Lock
42	2412-133	2	R-Clamp





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## Steering Tower Assembly

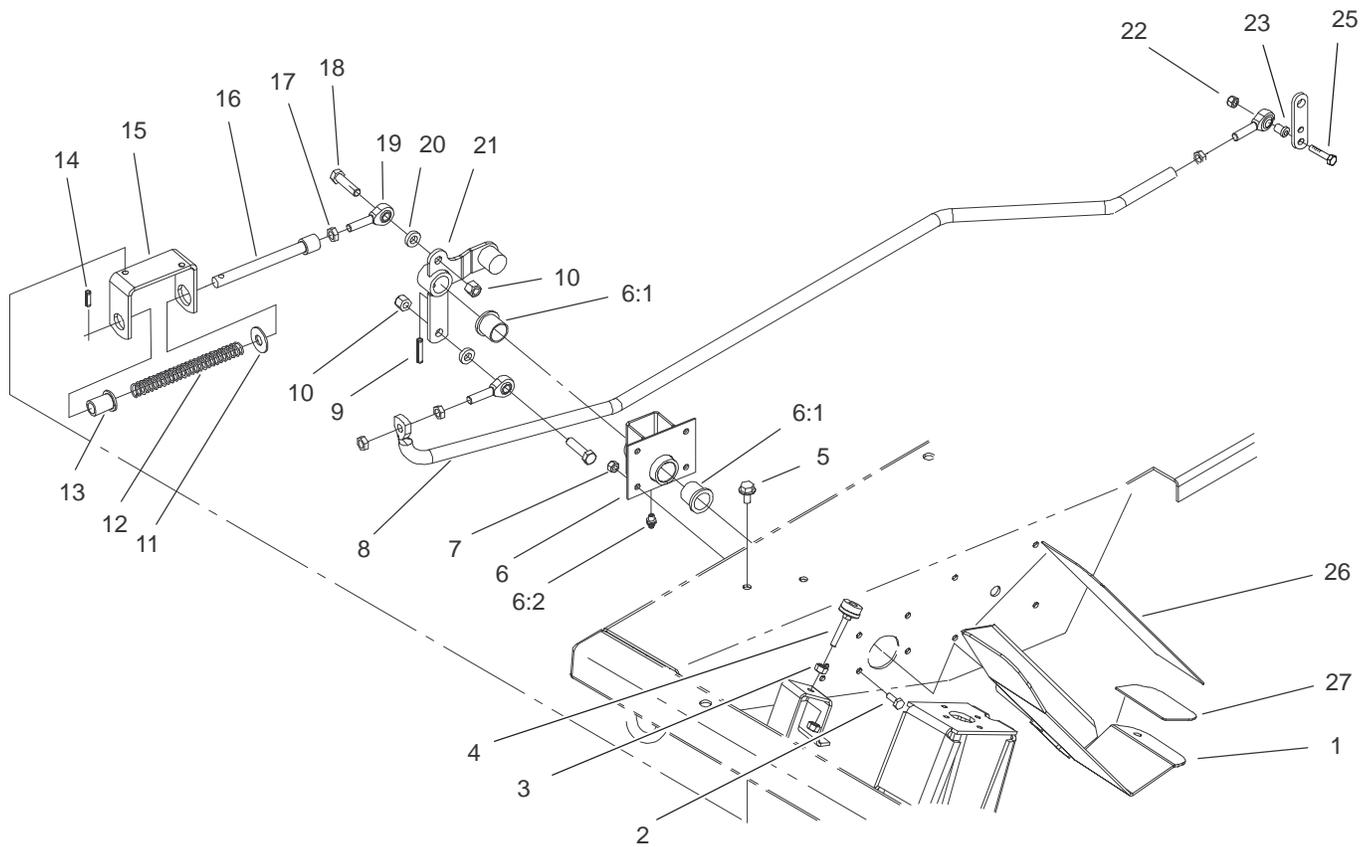
Ref. No.	Part No.	Qty.	Description
1	93-5590	1	Nut-Hex
2	3256-27	1	Washer-Flat
3	98-1471	1	Wheel-Steering
3:1	98-1468	1	Cover-Wheel, Steering
4	93-5429	1	Collar-Foam
5	93-5439	1	Seal-Steering
6	32151-29	2	Ring-Retaining
7	93-5312	1	Knob
8	104-2274	1	Tower Cover ASM
8:1	104-2277	1	Decal-Tower
8:2	32148-6	6	Insert-Nut
9	93-5428	1	Steering Shaft ASM
10	71-8310	1	Spring-Compression
11	93-5446	1	Cap-Vinyl
12	104-8308	1	Rod ASM
13	93-5985	1	Spring-Extension
14	93-5989	1	Rod-Tilt
15	3296-9	2	Nut-Lock, NI
16	99-3410	1	Switch
17	3272-5	1	Pin-Cotter
18	93-5276-03	1	Brake Pawl ASM
19	3272-10	1	Pin-Cotter
20	3296-42	2	Nut-Lock, NI
21	340-77	1	Fitting-HYD, 90°
21:1	237-22	1	O-Ring

Ref. No.	Part No.	Qty.	Description
21:2	237-42	1	O-Ring
22	3234-33	10	Screw-HHF
23	340-2	4	Fitting-HYD, Straight
23:1	237-22	1	O-Ring
23:2	237-42	1	O-Ring
24	256-260	4	Washer-Thrust
25	98-9308	1	Gauge-Temperature
25:1	3254-1	3	Washer-Lock, Internal
25:2	3217-27	3	Nut-Hex
*25:3	105-9265	1	Bulb And Lamp ASM
26	100-8070	1	Lamp-Warning
27	100-8071	1	Lamp-Warning
28	104-8332	1	Steering Column ASM
28:1	256-132	2	Bushing-Flange
29	323-6	2	Screw-HH
30	93-5988	2	Hub-Pivot
31	33103-016	4	Screw-HHF
32	104-0128	1	Bracket-Switch
33	104-8301	2	Nut-Flange, NI
34	321-3	2	Screw-HH
35	100-3038	1	Steering Tower ASM
35:1	67-1300	1	Decal-Toro Logo
35:2	32148-6	4	Insert-Nut
36	3250-35	2	Screw-PPH
37	283-5	1	Pin-Clevis
38	104-2213	1	Valve-Steering

\* Not illustrated







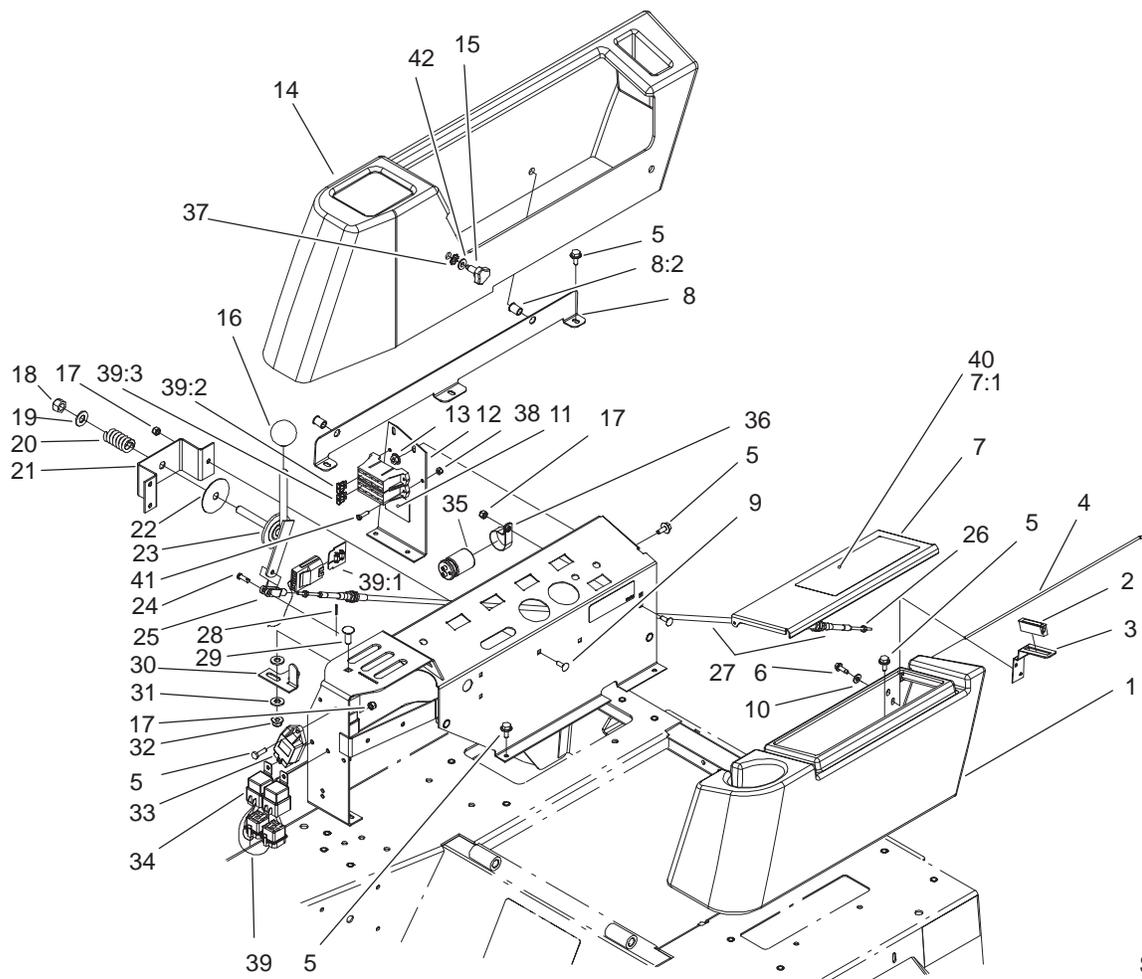
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## Traction Pedal and Linkage Assembly

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-Adjustment, 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

Ref. No.	Part No.	Qty.	Description
25	321-9	1	Screw-HH
26	93-5347	1	Abrasive-Pedal
27	93-5368	1	Abrasive-Pedal





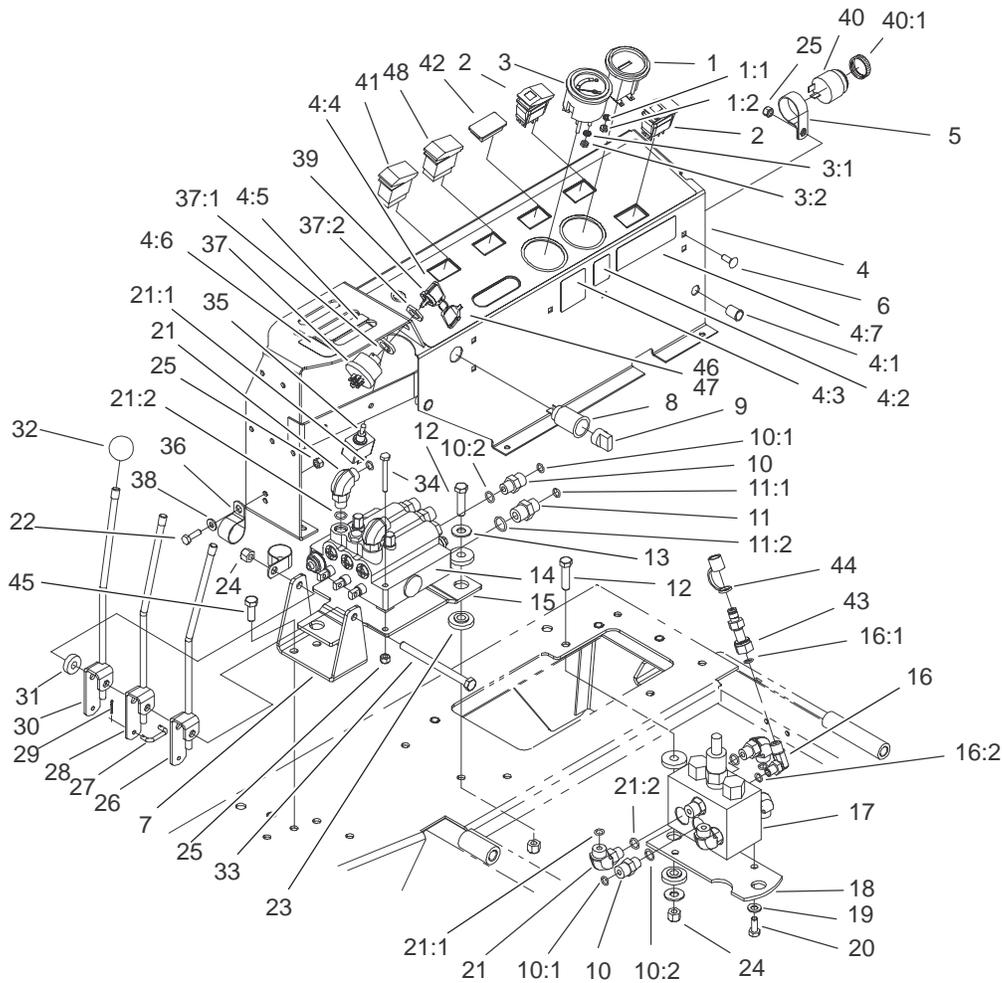
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## Control Console and Tool Box Assembly

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	106-6756	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	106-6761	1	Harness-Wire, Gm4000 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	106-6752	1	Decal-Warning (Ce)
41	32105-13	2	Screw-SHH
42	3256-3	4	Washer-Flat
43	3290-378	6	Tie-Cable

\* Not illustrated



Sheet No.:10

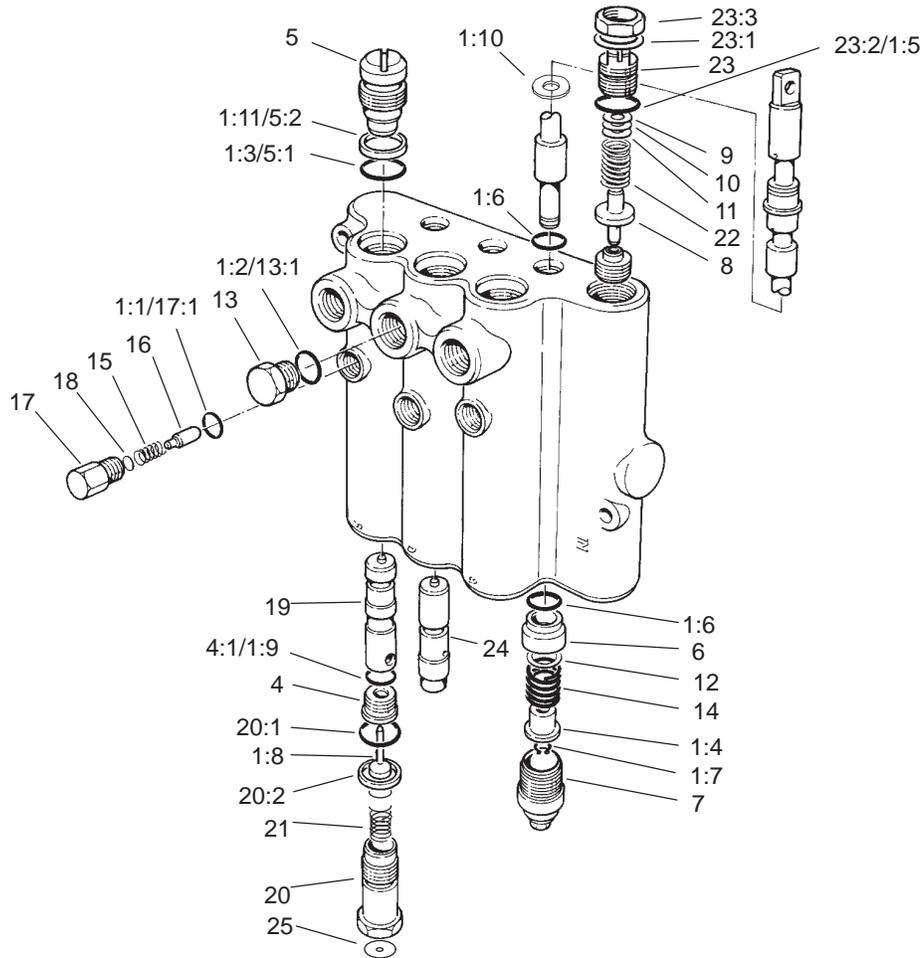
## Control Console Assembly

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
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
*3:3	105-9265	1	Bulb And Lamp ASM
4	106-6751	1	Control Panel ASM
4:1	32148-9	2	Insert-Nut
4:2	93-7252	1	Decal-International
4:3	105-4674	1	Decal-Noise, Ce
4:4	106-2046	1	Decal-Control Panel
4:5	104-8324	1	Decal-Lift
4:6	104-8325	1	Decal-Lock
4:7	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-Lever, 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 illustrated





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Sheet No.:B3

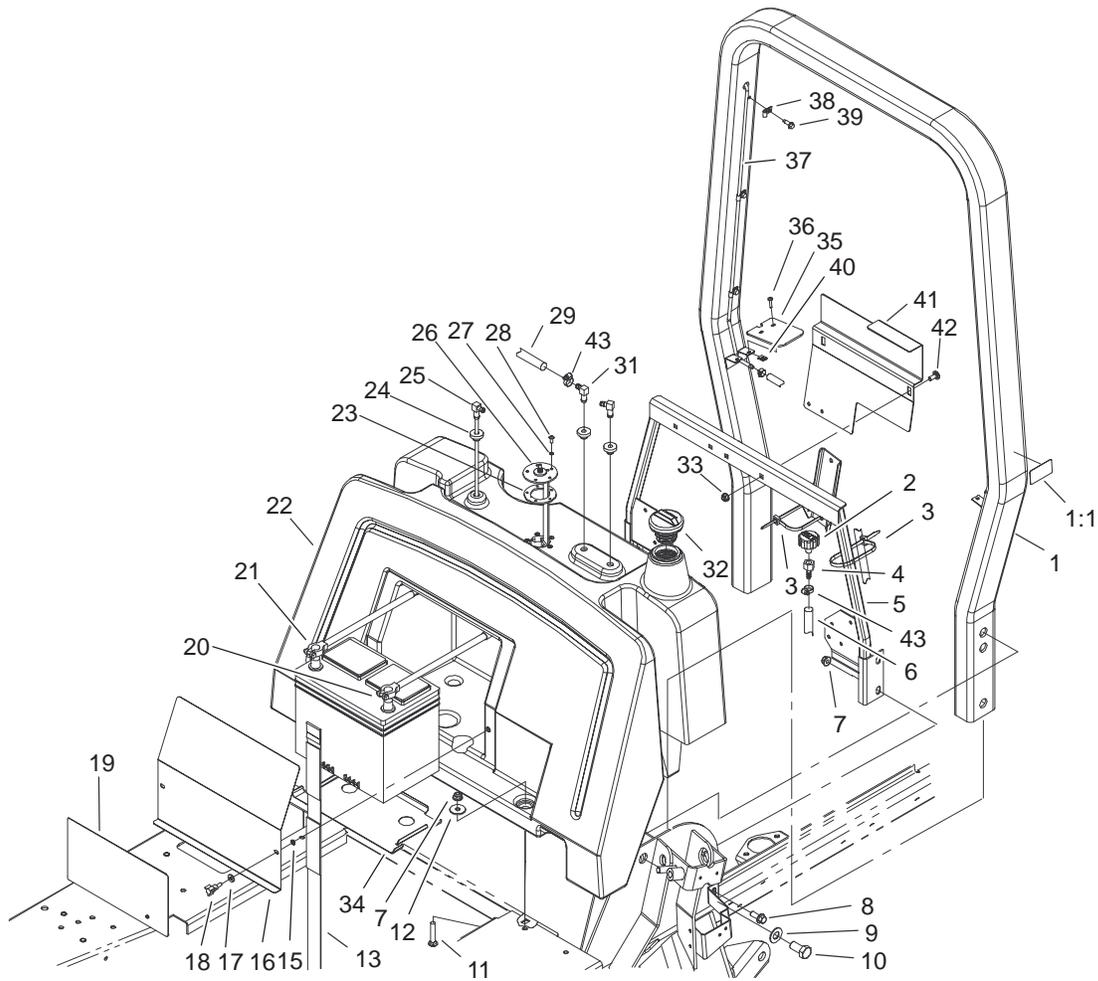
## Control Valve Assembly No. 105-4563

Ref. No.	Part No.	Qty.	Description
1	60-3780	1	Seal Kit
1:1	58-6790	3	O-Ring
1:2	58-6720	3	O-Ring
1:3	60-5720	6	O-Ring
1:4	58-6310	6	Spacer
1:5	58-6750	1	O-Ring
1:6	58-6450	6	O-Ring
1:7	58-6460	3	Ring
1:8	58-6290	3	Poppet
1:9	58-6340	3	O-Ring
1:10	58-6320	3	Wiper
1:11	58-6370	1	Washer
4	58-6330	3	Seat
4:1	58-6340	1	O-Ring
5	58-6350	3	Plug
5:1	60-5720	1	O-Ring
5:2	58-6370	1	Washer
6	58-6400	3	Bushing
7	58-6420	3	Cap
8	92-2568	1	Poppet
9	58-6470	1	Washer
10	58-6480	1	Washer
11	58-6490	1	Washer
12	65-2770	3	Washer
13	58-6710	1	Plug
13:1	58-6720	1	O-Ring

Ref. No.	Part No.	Qty.	Description
14	58-6730	3	Spring
15	58-6760	3	Spring
16	58-6770	3	Plunger
17	58-6780	3	Plug
17:1	58-6790	1	O-Ring
18	60-6450	1	Disc
19	84-6420	2	Plunger
20	69-1800	3	Plug ASM
20:1	58-6360	1	O-Ring
20:2	58-6370	1	Washer
21	69-1810	3	Spring
22	84-6450	1	Spring
23	69-1830	1	Plug ASM
☆23:1		1	Washer
23:2	58-6750	1	O-Ring
☆23:3		1	Nut-Lock
24	69-1840	1	Plunger
25	105-4565	2	Plate-Orifice

☆ Not serviced separately



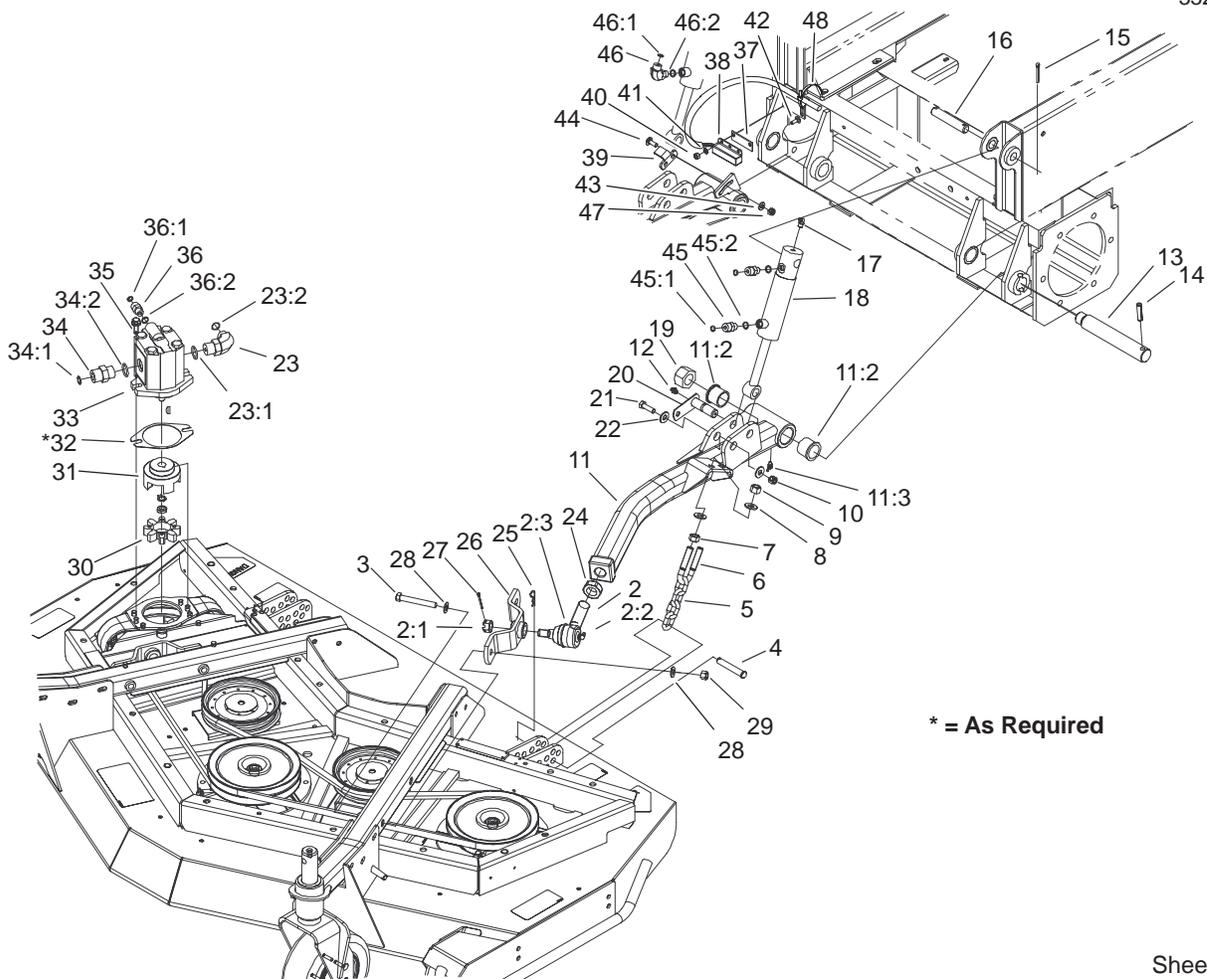


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## Fuel Tank, Battery and Roll Over Protection System (ROPS) Assembly

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	2	Tie-Cable
4	354-95	1	Fitting-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

Ref. No.	Part No.	Qty.	Description
24	46-6560	3	Bushing
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
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	Bolt-CARR
43	2412-108	3	Clamp-Worm



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## Front Deck Lift Arm and Cylinder Assembly

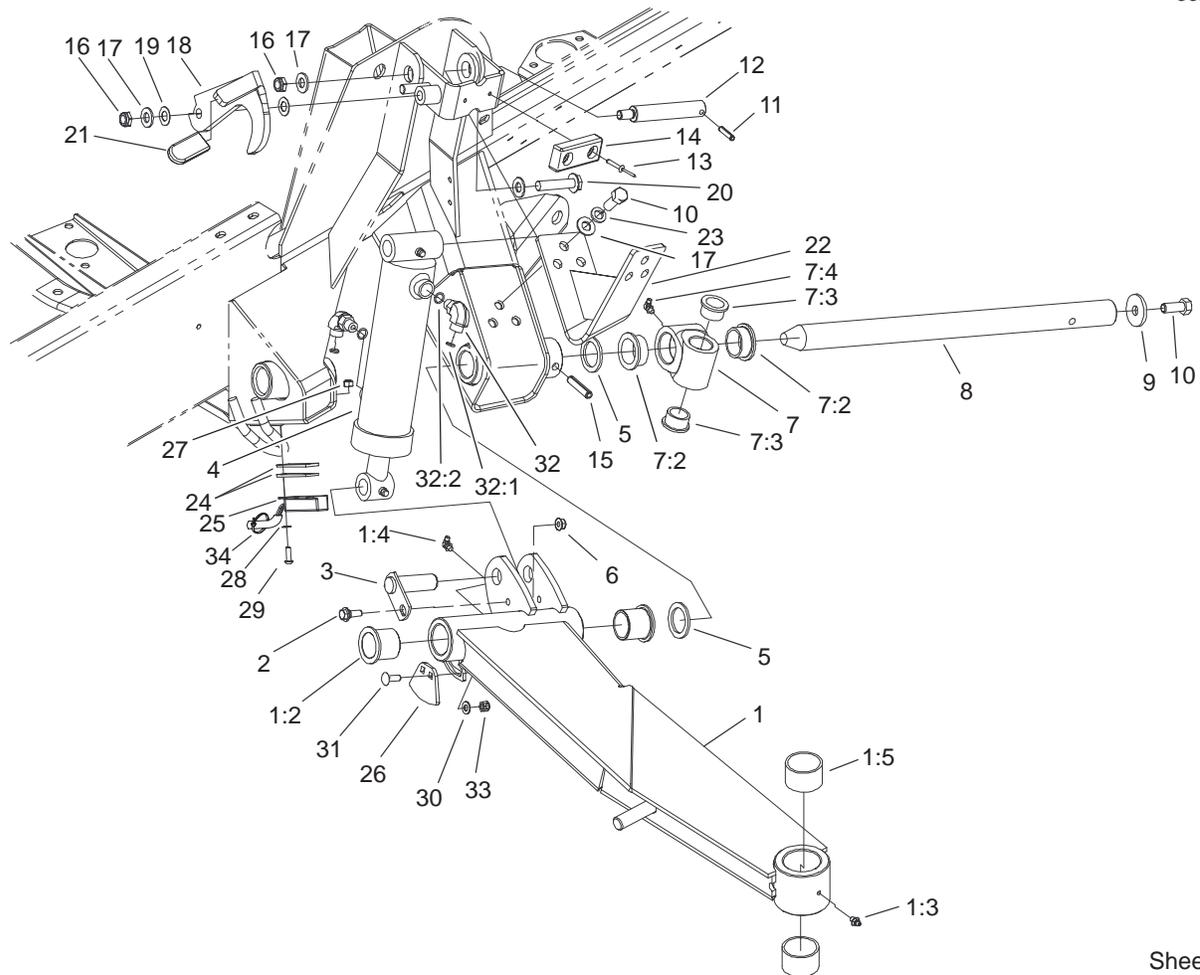
Ref. No.	Part No.	Qty.	Description
2	86-8101-03	2	Joint-Ball, LH
2:1	32136-2	1	Nut-SHH
2:2	302-40	1	Fitting-Grease
2:3	105-7835	1	Seal
3	324-19	4	Screw-HH
4	283-55	2	Pin-Clevis
5	95-6231	2	Chain-HOC
6	104-0108	2	U-Bolt
7	3217-9	4	Nut-HH
8	3256-26	8	Washer-Flat
9	3296-25	4	Nut-Lock, NI
10	3296-39	2	Nut-Lock, NI
11	100-3032	1	LH Lift Arm ASM
11	100-3031	1	RH 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







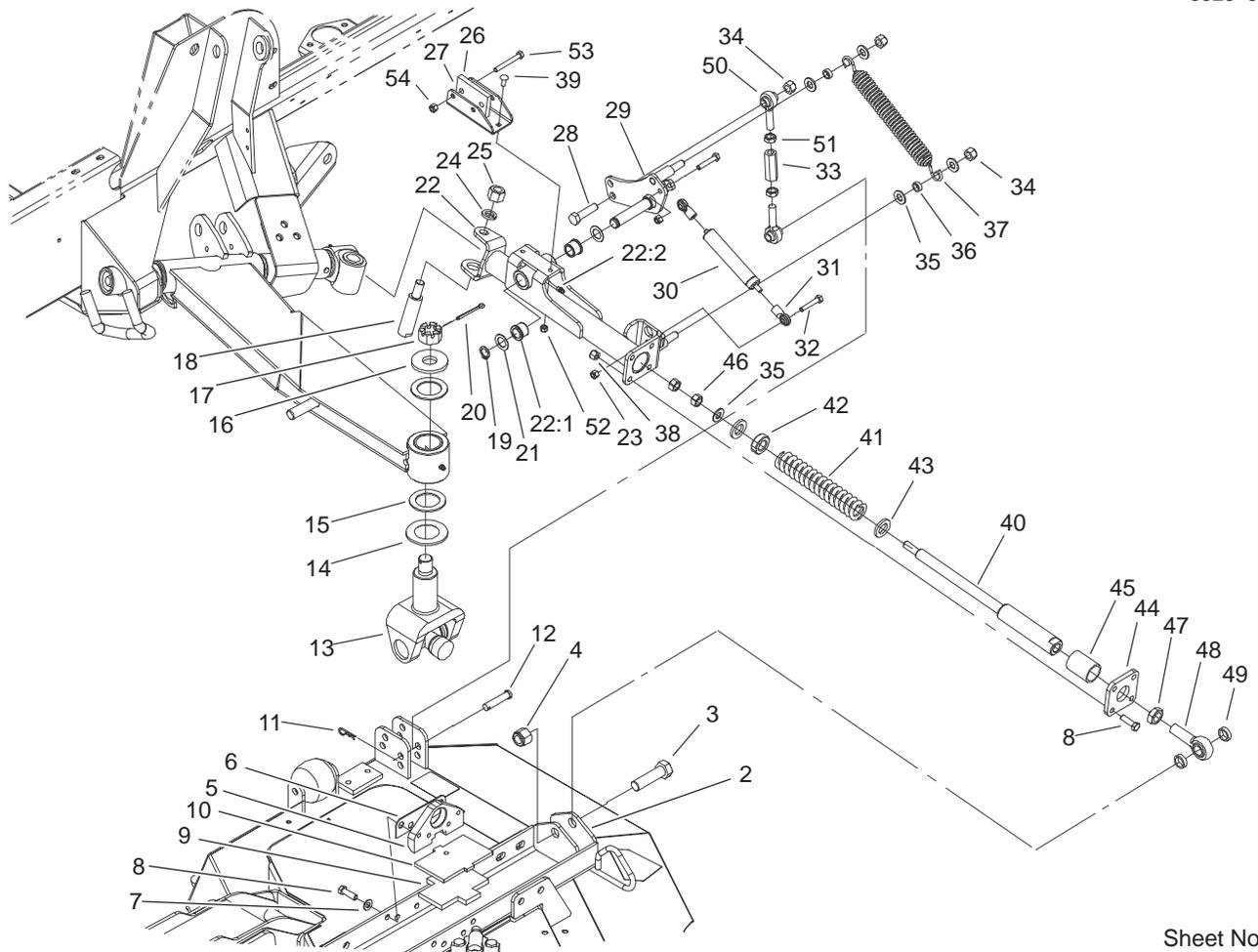


Sheet No.:13

## Side Deck Lift Arm, Cylinder and Latch Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-8122	1	RH Lift Arm ASM	18	104-3556-03	1	Latch-RH
1	100-8123	1	LH Lift Arm ASM	19	104-3577	4	Washer-Delrin
1:2	104-8340	2	Bushing	20	3234-46	2	Screw-HHF
1:3	302-5	1	Fitting-Grease	21	48-7081	2	Grip-Plastic
1:4	302-60	1	Fitting-Grease	22	104-8330-03	2	Cam Bracket ASM
1:5	104-8341	2	Bushing-Straight	23	3253-7	6	Washer-Lock
2	27-0410	2	Screw-Shoulder	24	104-3595	4	Spacer-Switch
3	100-5674	2	Pin ASM	25	104-0758	2	Sensor-Ferrous
4	99-5496	2	Cylinder-Lift	26	105-0792	2	Plate-Sensing
5	256-304	4	Washer-Thrust	27	3296-42	4	Nut-Lock, NI
6	104-8300	2	Nut-Flange, NI	28	3256-60	4	Washer-Flat
7	100-8115	2	Pivot Hub ASM	29	3274-65	4	Screw-HSBH
7:2	104-3517	2	Bushing-Flange	30	3256-23	4	Washer-Flat
7:3	256-132	2	Bushing-Flange	31	3230-16	4	Screw-CARR
7:4	302-60	1	Fitting-Grease	32	340-77	4	Fitting-HYD, 90°
8	100-5582	2	Shaft-Pivot, Lift Arm	32:1	237-22	1	O-Ring
9	106-2008	2	Washer-Thrust	32:2	237-42	1	O-Ring
10	325-5	8	Screw-HH	33	3296-29	4	Nut-Lock, NI
11	32121-9	2	Pin-Spring	34	3290-379	1	Tie-Cable
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	104-3557-03	1	Latch-LH				





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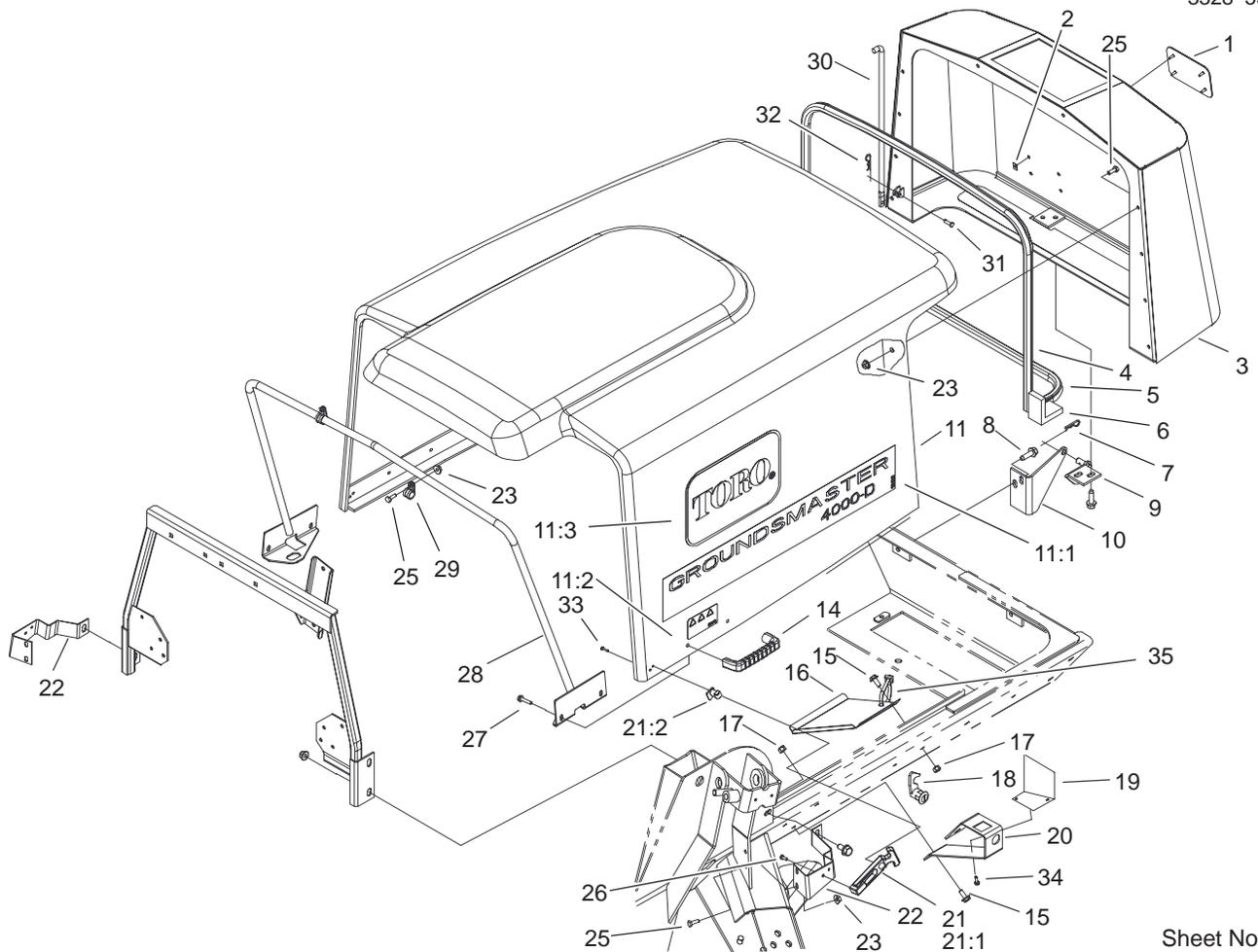
## Side Deck Lift Arm and Damper Assembly

Ref. No.	Part No.	Qty.	Description
2	100-8149-03	1	LH Mount ASM
2	100-8148-03	1	RH 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 And Bearing Kit
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
22:2	302-5	1	Fitting-Grease

Ref. No.	Part No.	Qty.	Description
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

☆ Not serviced separately



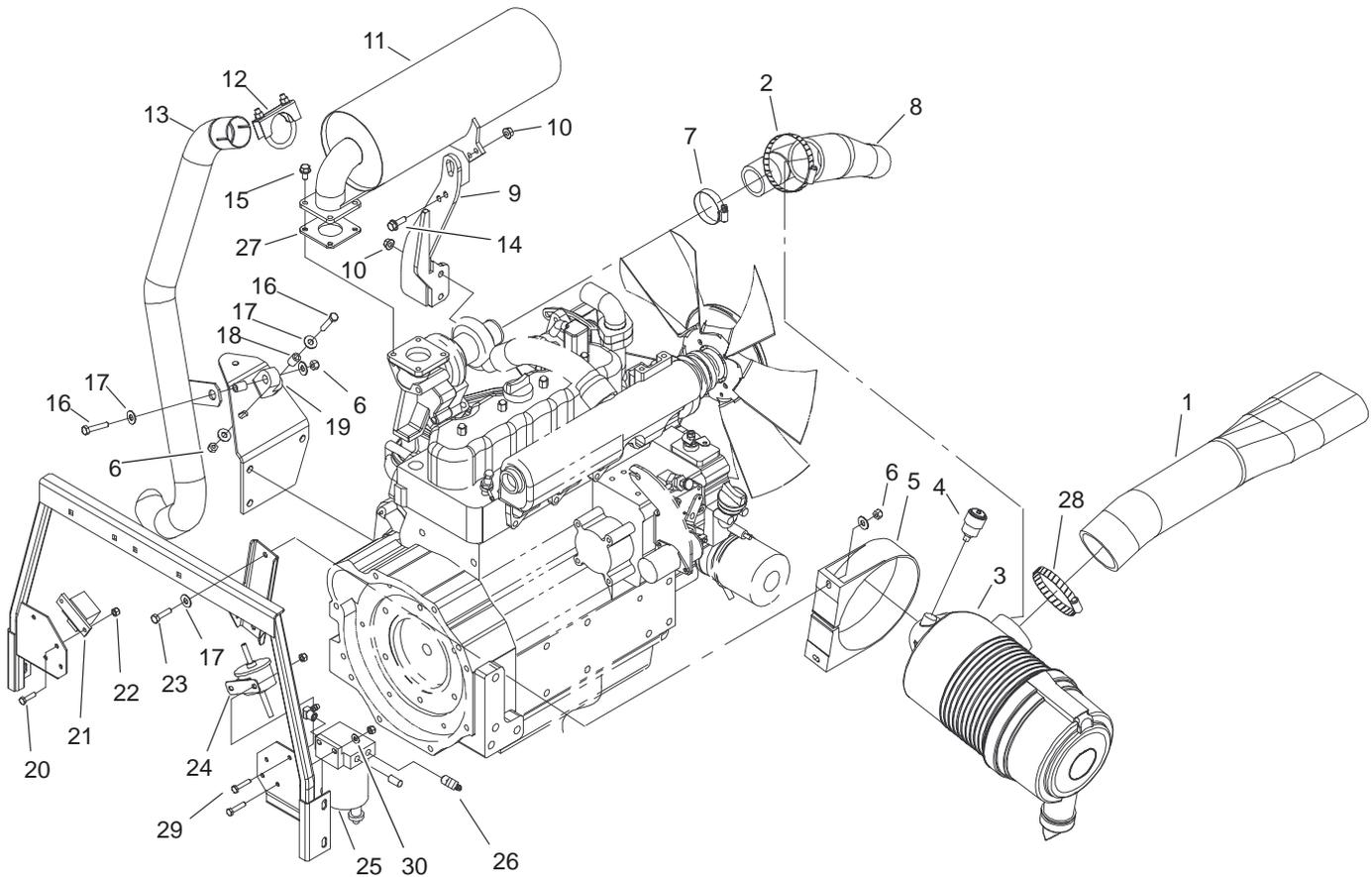


Sheet No.:15

## 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	106-2045	2	Decal-Hood, Gm 4000
11:2	106-6754	1	Decal-Danger
11:3	66-1210	2	Decal-Logo, Toro
14	65-5100	2	Handle-Door
15	3234-5	4	Screw
16	104-3560-03	1	Deflector-Filter, Oil
17	32128-20	4	Nut-HF
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	104-2255-03	1	Bracket-Latch, RH
22	104-2253-03	1	Bracket-Latch, LH

Ref. No.	Part No.	Qty.	Description
23	32128-33	16	Nut-HF
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
35	3290-378	1	Tie-Cable



Sheet No.:16

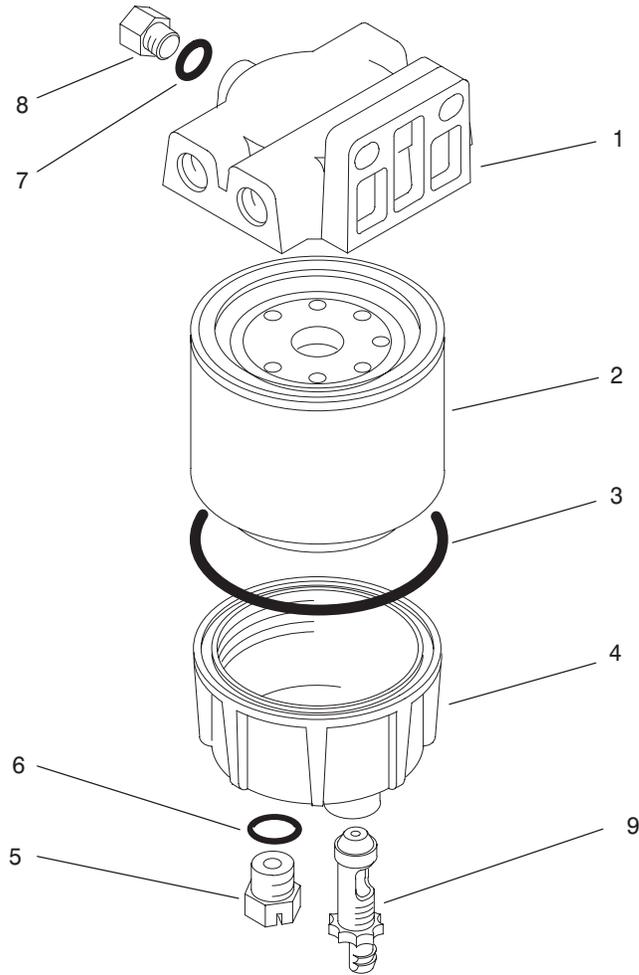
## Air Cleaner and Muffler Assembly

Ref. No.	Part No.	Qty.	Description
1	100-5550	1	Hose-Cleaner, Air
2	2412-110	1	Clamp-Hose
3	99-5410	1	Cleaner-Air
4	104-3563	1	Indicator
*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	322-9	2	Screw-HH
17	3256-3	8	Washer-Flat
18	93-5023	2	Spacer
19	95-5622	1	Hanger-Rubber
20	321-6	4	Screw-HH
21	66-8800	1	Relay
22	3296-42	6	Nut-Lock, NI
23	322-6	2	Screw-HH
24	104-5215	1	Pump-Fuel, Electric

Ref. No.	Part No.	Qty.	Description
25	98-9305	1	Filter-Water/Fuel
26	353-781	2	Fitting
27	100-9333	1	Gasket-Muffler
28	2412-125	1	Clamp-Hose
29	321-4	2	Screw-HH
30	3256-23	2	Washer-Flat

\* Not illustrated



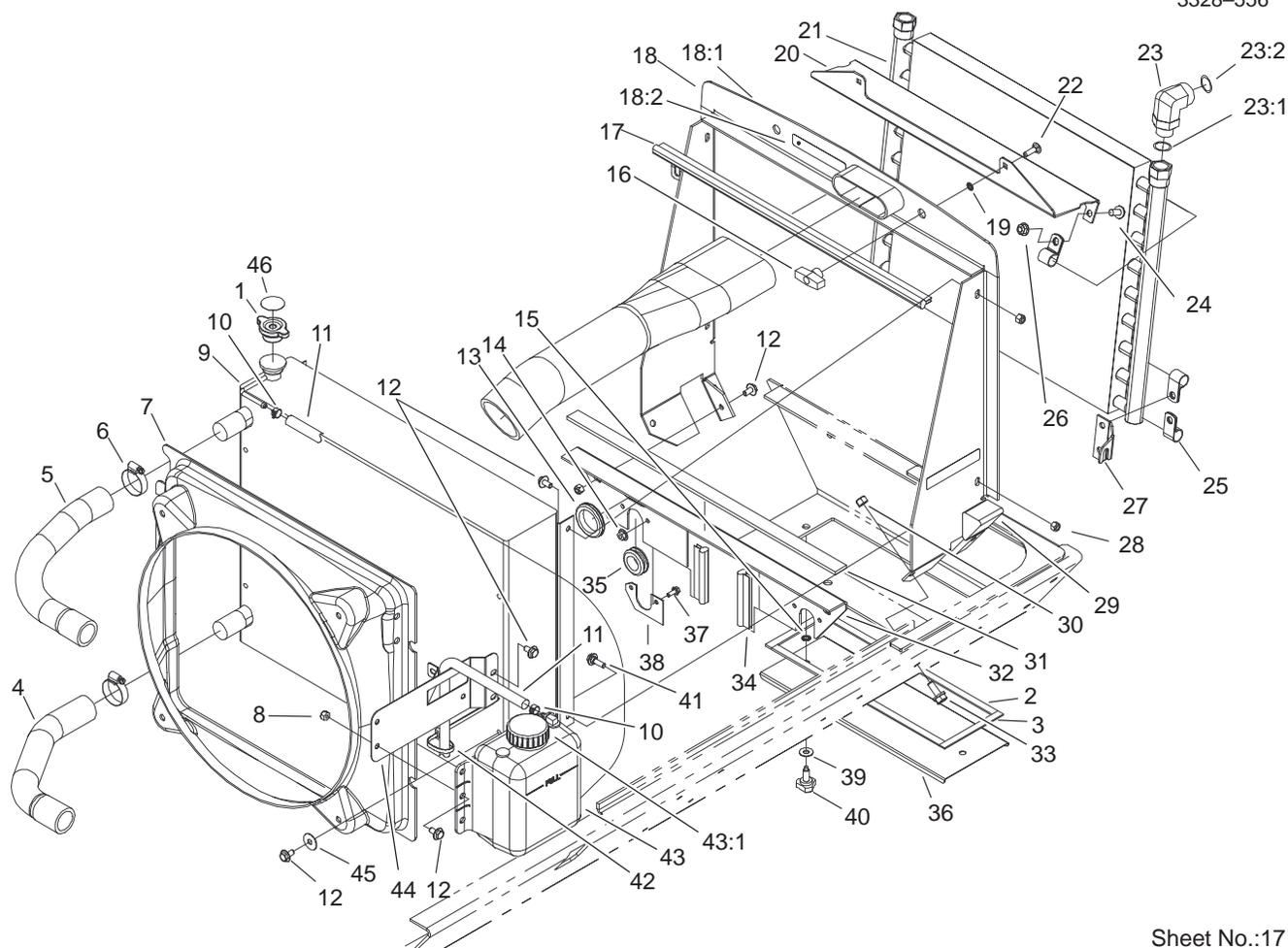


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Sheet No.:C3

### Filter Assembly No. 98-9305

Ref. No.	Part No.	Qty.	Description
1	98-9772	1	Head-Filter
2	98-9764	1	Element
3	98-9774	1	O-Ring-Base, Filter
4	98-9775	1	Base-Filter
5	98-9773	1	Plug-Base, Filter
6	237-42	1	O-Ring
7	237-78	1	O-Ring
8	98-9776	1	Plug-Head, Filter
9	98-9777	1	Drain Valve ASM
10	285-22	2	Plug-Pipe

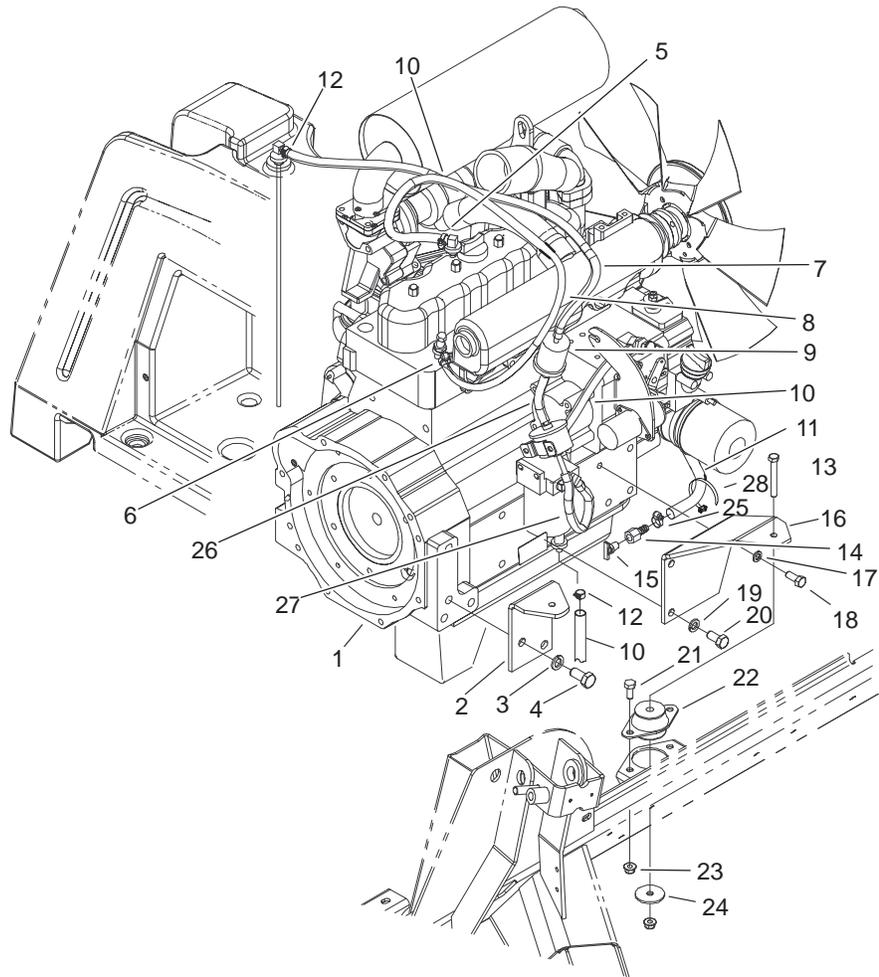
Ref. No.	Part No.	Qty.	Description



Sheet No.:17

## Radiator, Oil Cooler and Support Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	93-5957	1	Cap-Radiator	23:2	340-65	1	O-Ring
2	105-0777	2	Strip-Foam	24	3234-1	6	Screw-HHF
3	105-0778	2	Strip-Foam	25	2412-81	6	Clamp
4	100-5546	1	Hose-Radiator, Lower	26	104-8301	6	Nut-Flange, NI
5	100-5547	1	Hose-Radiator	27	100-3078-03	1	Bracket-Cooler, LH
6	2412-111	4	Clamp	27	100-3077-03	1	Bracket-Cooler, RH
7	99-5428	1	Shroud-Radiator	28	104-8300	4	Nut-Flange, NI
8	3296-29	5	Nut-Lock, NI	29	93-5954	2	Foam-Plug
9	99-5426	1	Radiator	30	3296-39	4	Nut-Lock, NI
10	92-2379	3	Clamp-Hose	31	104-2226	1	Strip-Foam
11	71-3370	2	Hose-Fuel	32	99-5517-03	1	Support-Lower
12	3234-7	14	Screw-HHF	33	3234-24	4	Screw-HHF
13	240-3	1	Grommet-Rubber	34	104-2224	2	Seal-Bulb
14	32128-33	4	Nut-HF	35	237-165	2	Grommet
15	32151-72	2	Ring-Retaining	36	104-2287-03	1	Cover-Frame
16	98-7134	2	Knob-Handle	37	3234-33	4	Screw-HHF
17	104-2223	1	Seal-Bulb	38	104-8311	2	Plate
18	105-0757	1	Radiator Support ASM	39	3256-3	2	Washer-Flat
18:1	93-7275	1	Decal-Fluid, Starting	40	95-9648	2	Knob
18:2	93-7272	3	Decal-Warning	41	28-0540	2	Bolt-Shoulder
19	104-8310	2	Ring-Retaining	42	3290-378	1	Tie-Cable
20	104-7522-03	1	Bracket-Cooler, Oil	43	104-2276	1	Reservoir-Coolant
21	99-5495	1	Cooler-Oil	43:1	87-7050	1	Cap-Reservoir
22	3230-22	2	Screw-CARR	44	100-5505-03	1	Bracket-Tank
23	104-3796	2	Fitting-HYD, 90°	45	3256-35	4	Washer-Flat
23:1	237-81	1	O-Ring	46	106-6755	1	Decal-Radiator Cap

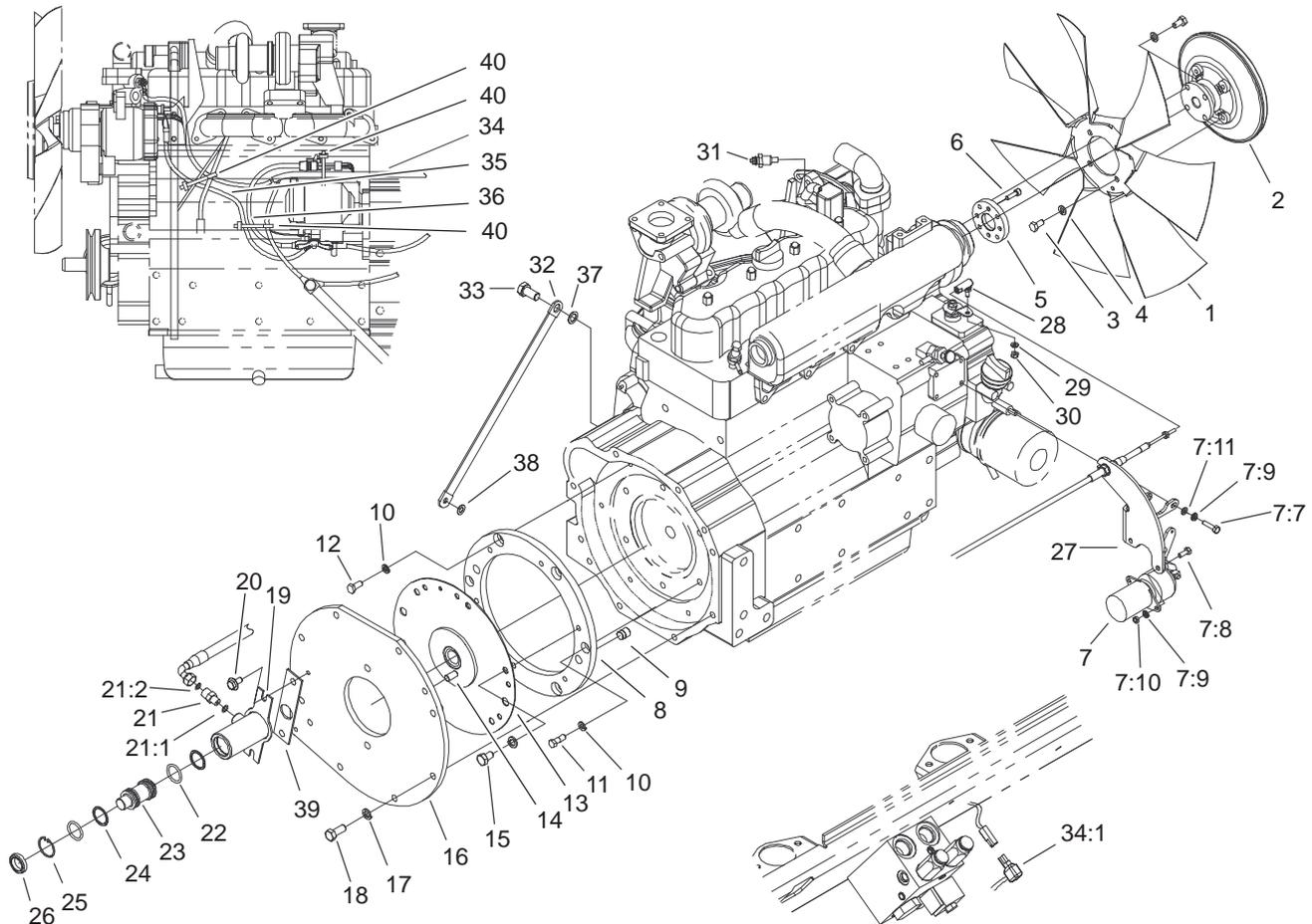


Sheet No.:18

## Engine and Mount Assembly

Ref. No.	Part No.	Qty.	Description
1	99-5413	1	Engine-Turbo, Kubota
2	100-3147-03	1	Mount-Engine, LH
2	100-3148-03	1	Mount-Engine, RH
3	43-5950	4	Washer-Lock, Spring
4	43-3210	4	Screw-HH
5	2412-108	1	Clamp-Worm
6	2412-80	1	Clamp-Line, Fuel
7	63-7630	1	Hose-Fuel
8	75-4706	1	Hose-Fuel
9	98-7612	1	Filter-Fuel
10	19-3250	2	Hose-Fuel
11	99-7376	1	Hose-Breather
12	92-2379	9	Clamp-Hose
13	323-14	4	Screw-HH
14	354-94	1	Hose-Female, Barbed
15	93-5528	1	Fitting-Cock, Drain
16	106-2049-03	1	Mount-Engine, LH
16	106-2048-03	1	Mount-Engine, RH
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	Rubber-Support, Engine
23	104-8301	12	Nut-Flange, NI

Ref. No.	Part No.	Qty.	Description
24	63-7400	4	Washer-Rebound
25	2412-108	2	Clamp-Worm
26	27-5350	1	Hose-Fuel
27	63-9640	1	Hose-Fuel
28	3290-379	1	Tie-Cable
29	3290-378	1	Tie-Cable

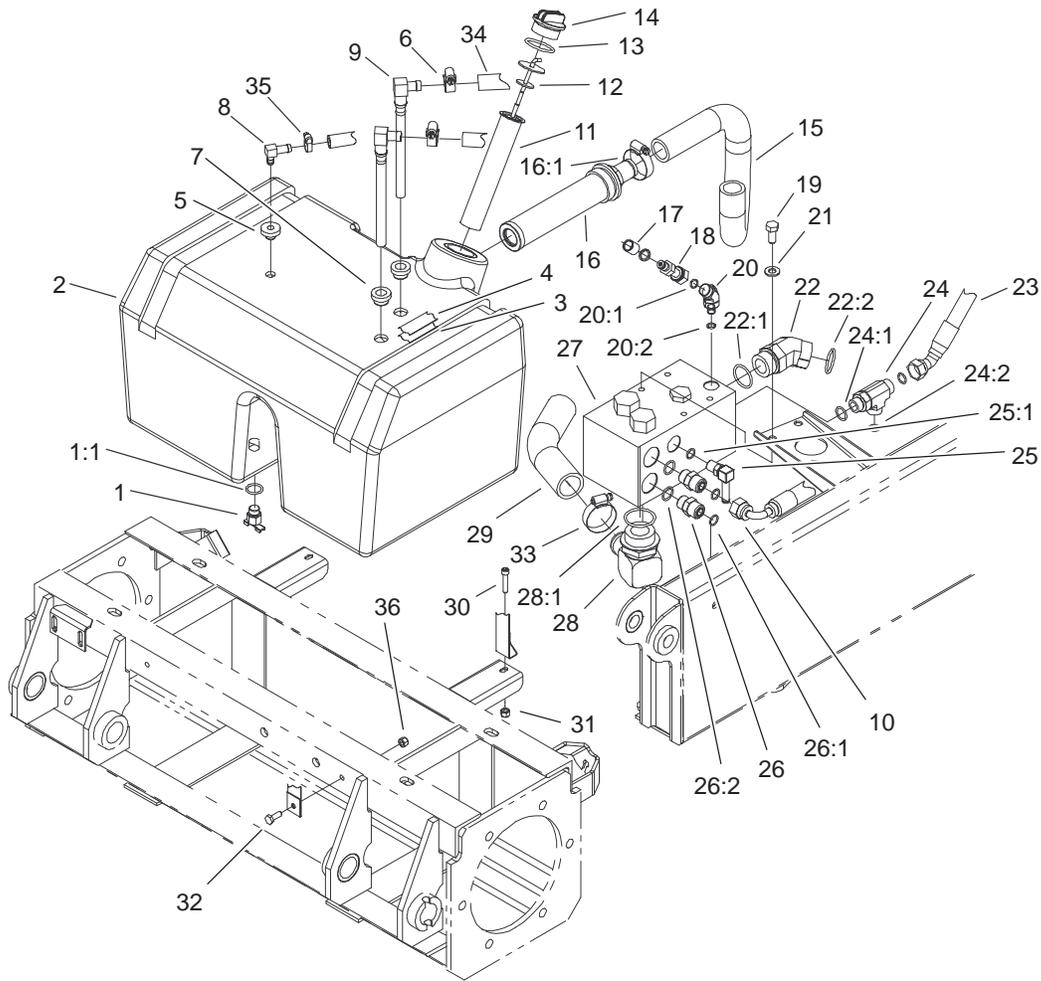


Sheet No.:19

## 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	Solenoid Kit
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	42-9850	6	Washer-Lock, Spring
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	1	Fitting-HYD, Straight
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
39	105-3238-03	2	Plate-Shim
40	3290-378	3	Tie-Cable



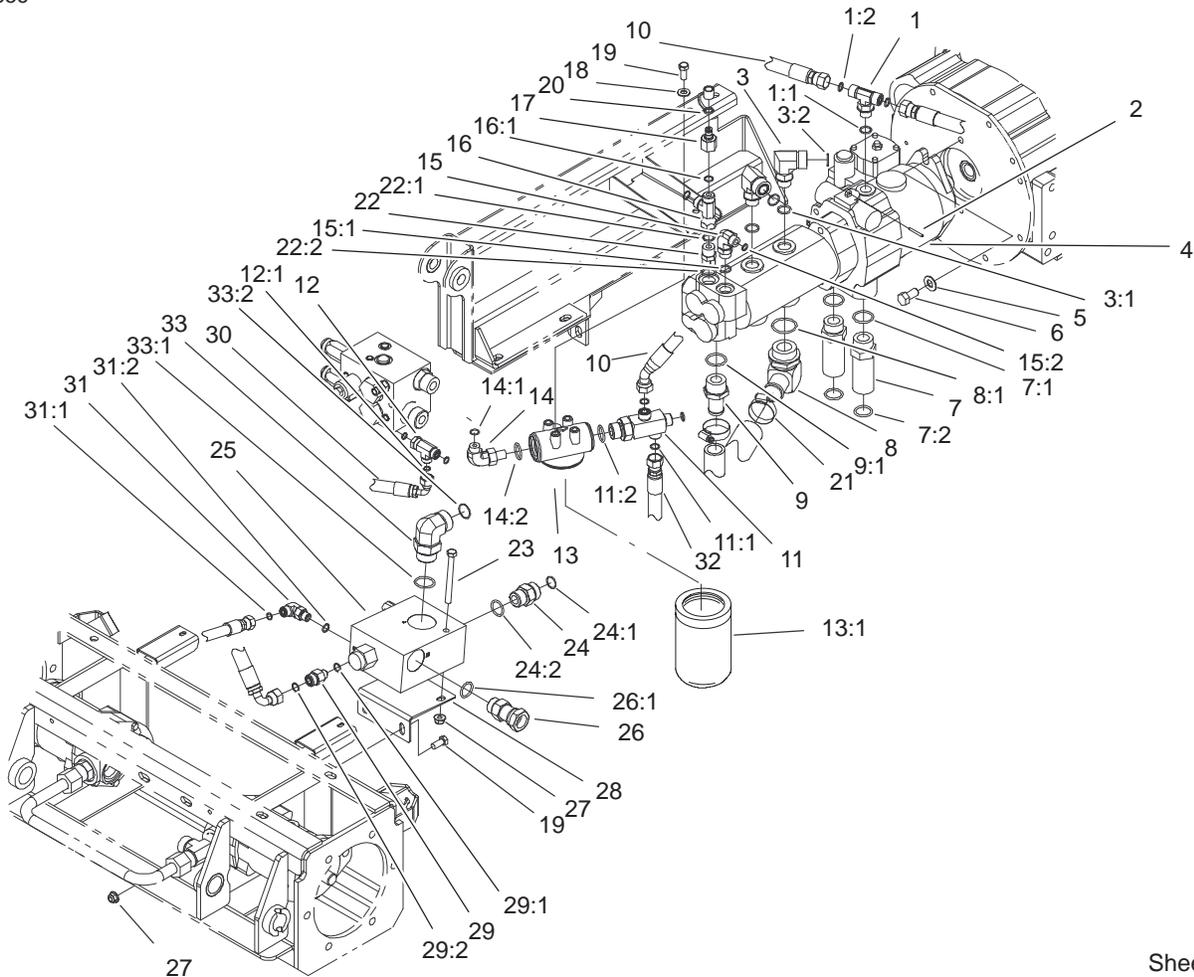
Sheet No.:20

## 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





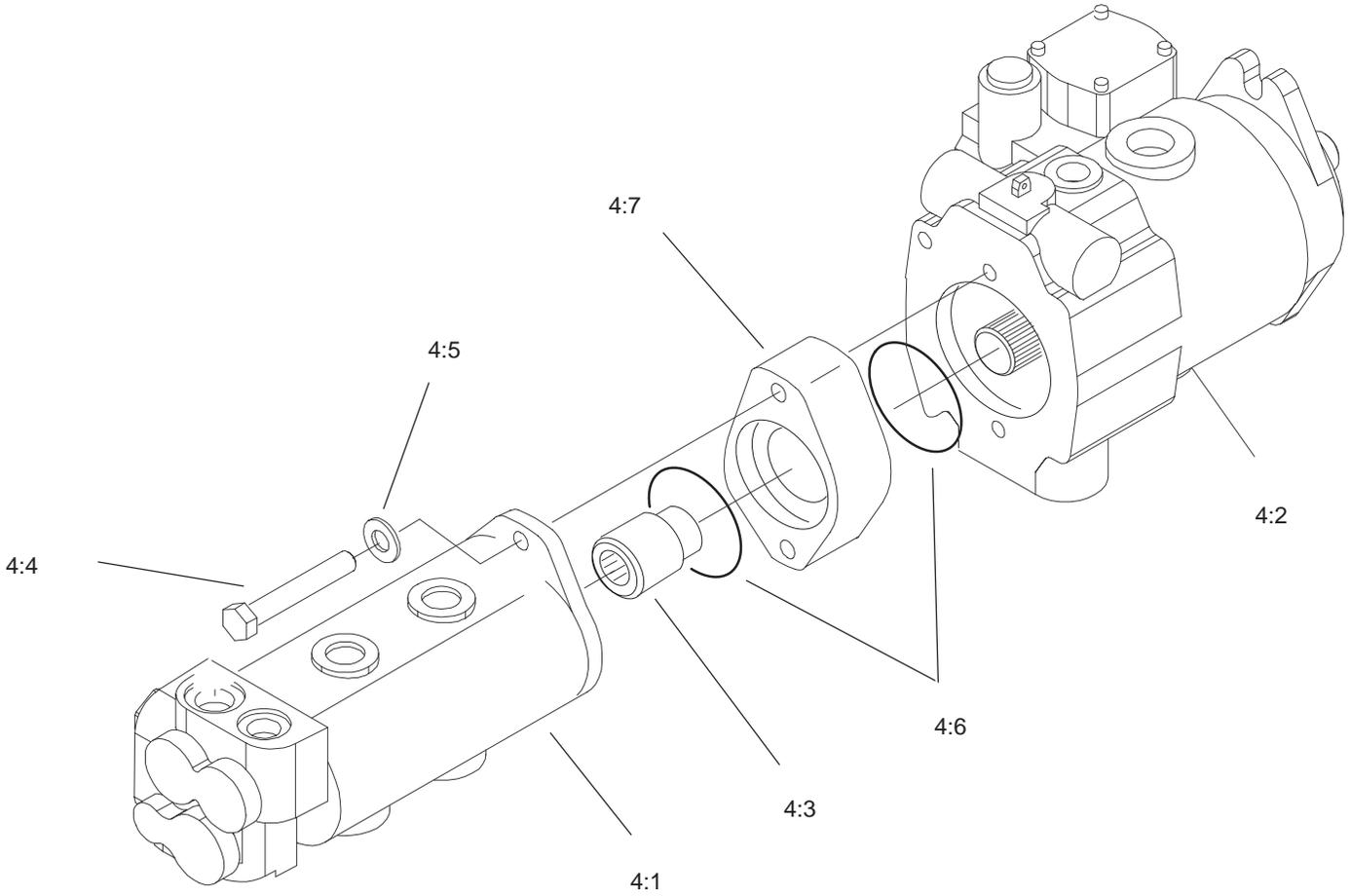
Sheet No.:21

## 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
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	106-4318	1	Fitting-Special
12	340-115	1	Fitting-Tee
12:1	237-22	2	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

Ref. No.	Part No.	Qty.	Description
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	4	Screw-HH
20	354-79	1	Cap-Dust, Yellow
21	2412-111	2	Clamp
22	340-6	1	Fitting-HYD, Straight
22:1	237-30	1	O-Ring
22:2	237-80	1	O-Ring
23	323-42	1	Screw-HH
24	340-9	1	Fitting-Straight
24:1	237-58	1	O-Ring
24:2	237-81	1	O-Ring
25	105-4516	1	Manifold-Traction
26	106-2009	1	Fitting-HYD, Swivel
26:1	237-81	1	O-Ring
27	104-8301	3	Nut-Flange, NI
28	105-3232-03	1	Bracket-Valve
29	340-5	1	Fitting-Straight
29:1	237-42	1	O-Ring
29:2	237-30	1	O-Ring
30	66-8490	1	HYD Hose ASM





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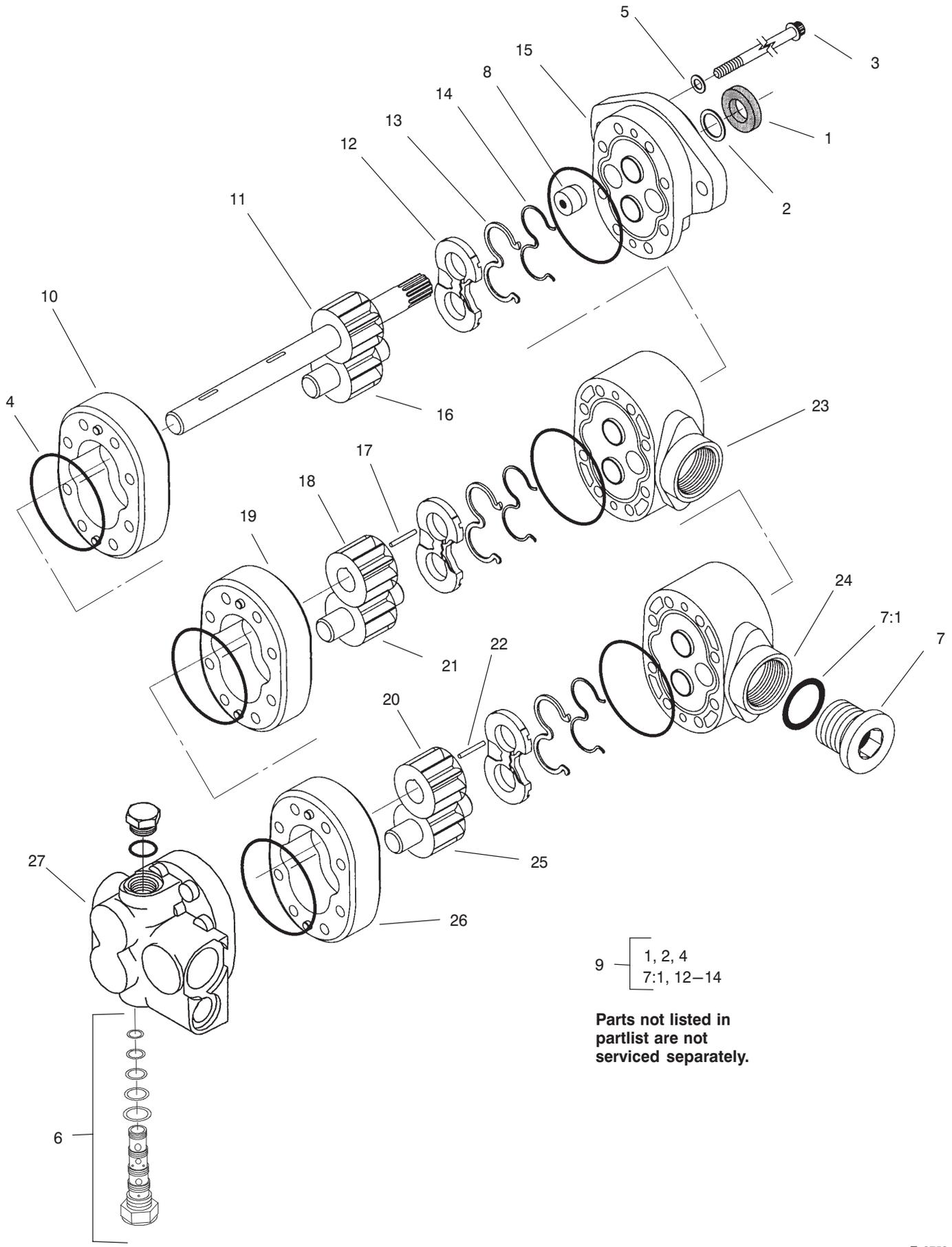
### Pump Assembly No. 105-4566

Ref. No.	Part No.	Qty.	Description
1	100-3051	1	Gear Pump ASM
2	105-4567	1	Pump-Piston
3	74-9030	1	Coupler
4	323-32	2	Screw-HH
5	60-3540	2	Washer
6	60-3520	2	O-Ring
7	99-5510	1	Spacer

Ref. No.	Part No.	Qty.	Description



# 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

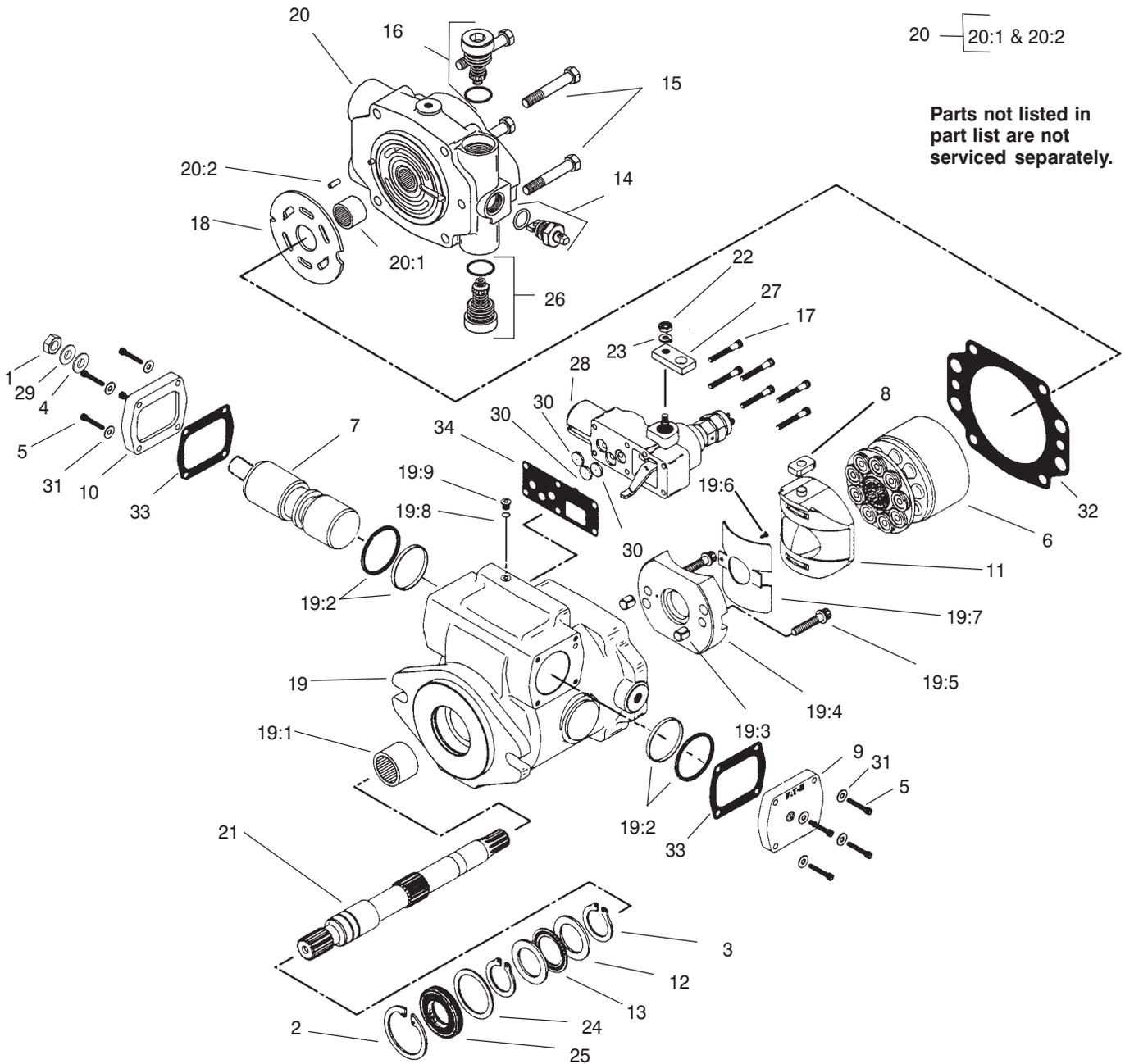
# Piston Pump Assembly No. 105-4567

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.

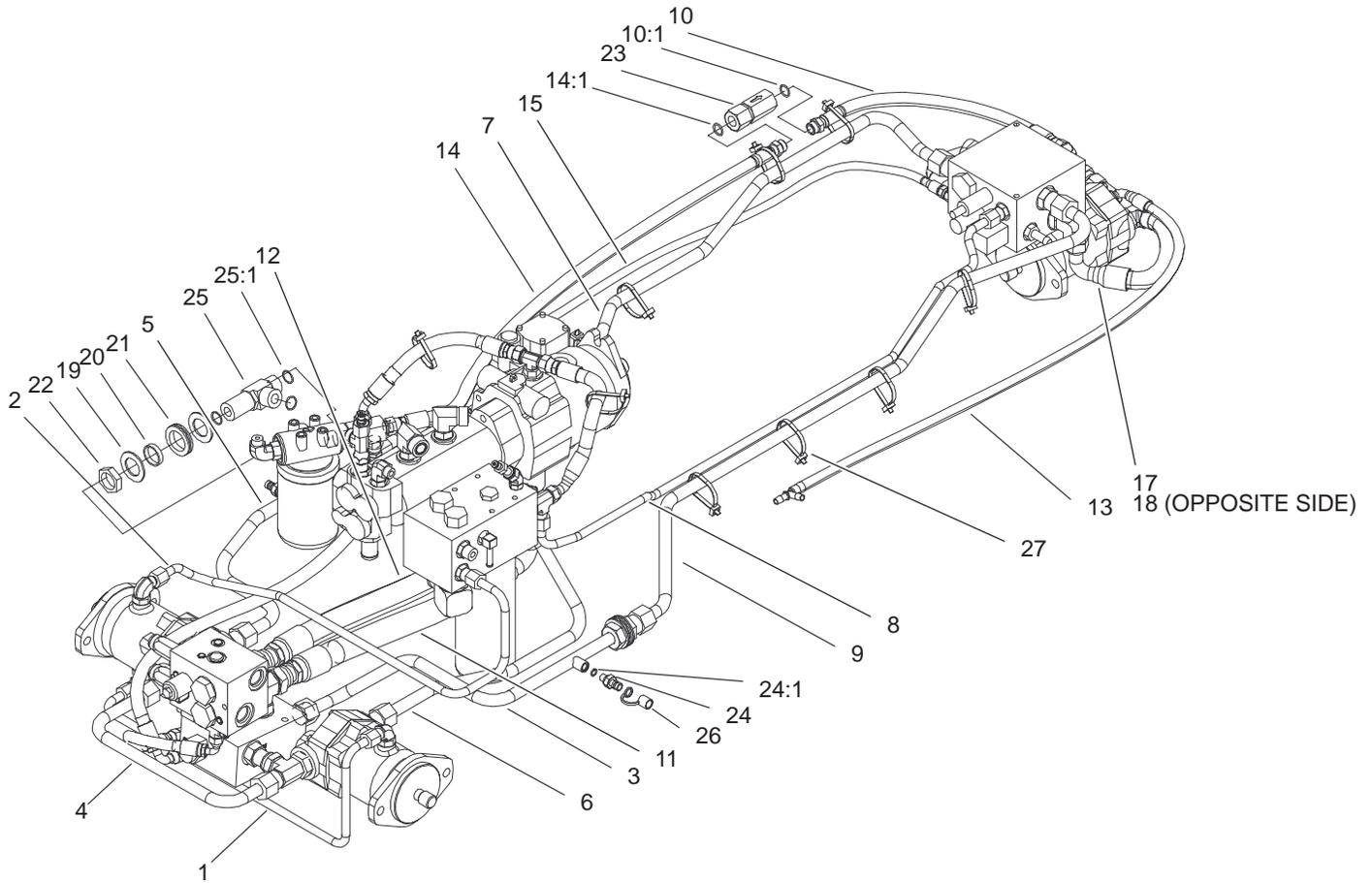


# Piston Pump Assembly No. 105-4567

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				
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





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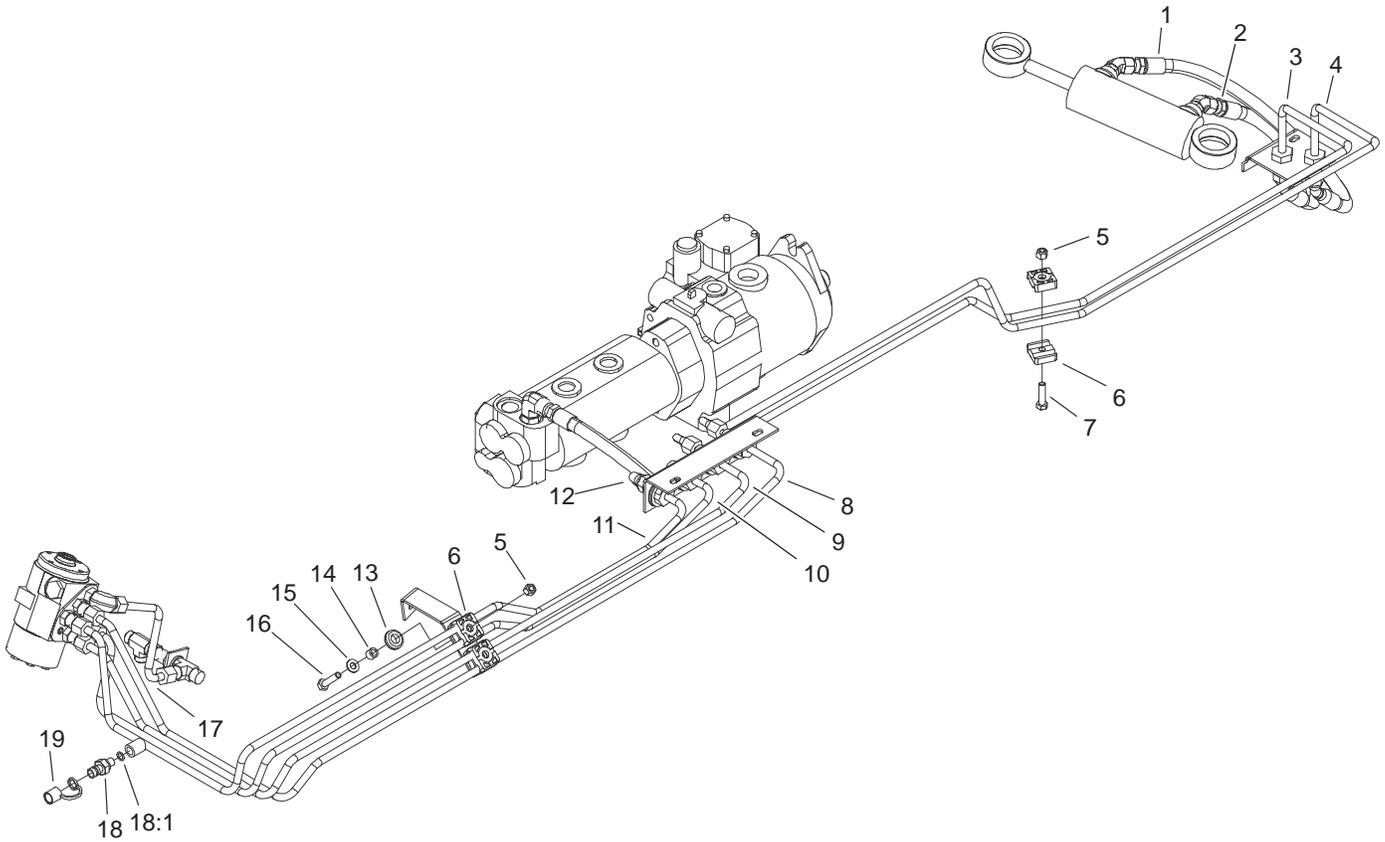
## Traction Hydraulic Plumbing Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3095	1	Tube-HYD, Drain & Motors
2	104-0793	1	Tube-HYD, Drain Motor & Filter
3	105-3236	1	Tube-HYD
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
19	69-8910	4	Washer

Ref. No.	Part No.	Qty.	Description
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	3290-378	10	Tie-Cable





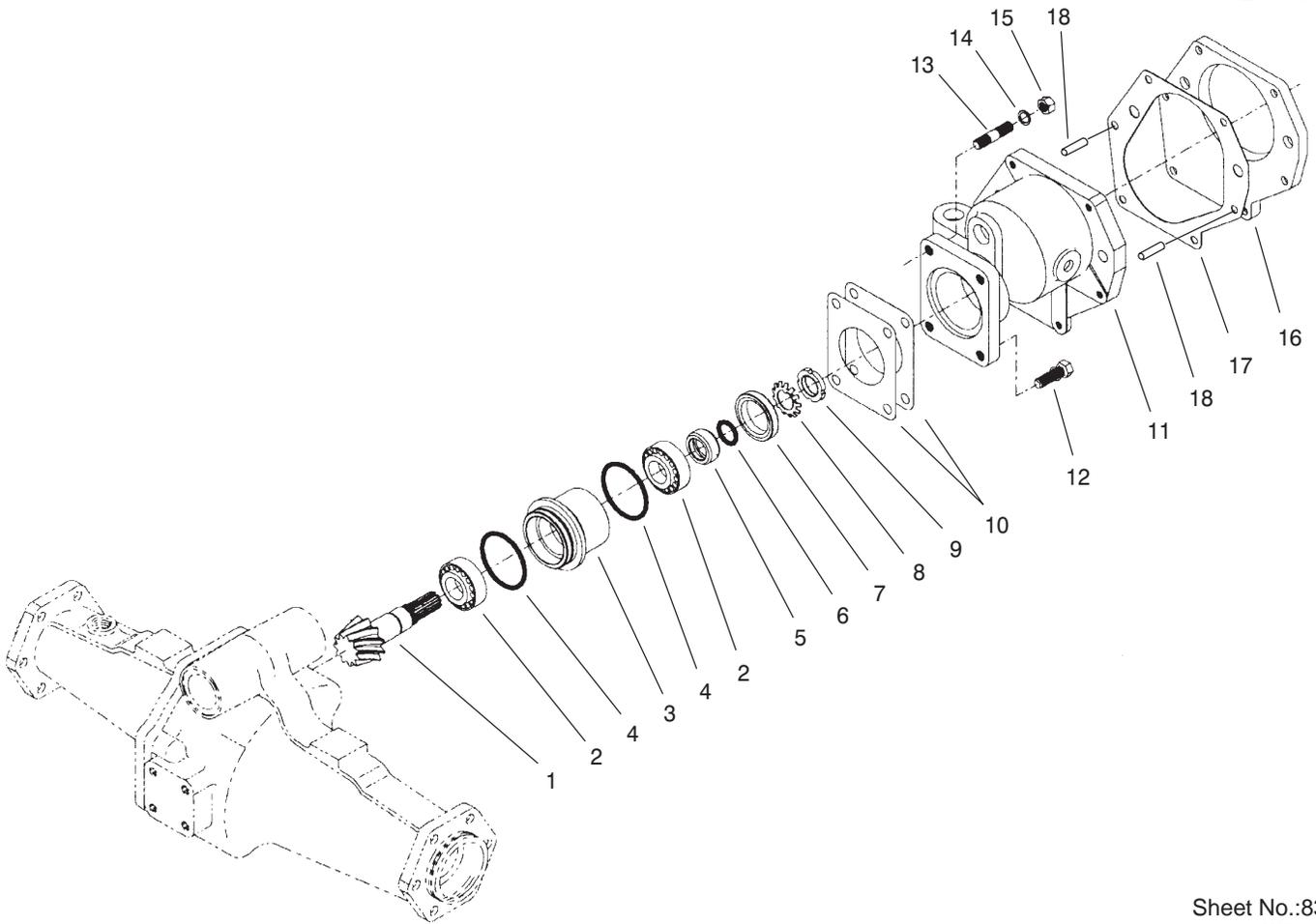


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## Steering Hydraulic Plumbing Assembly

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	104-8300	3	Nut-Flange, NI
6	56-7973	6	Clamp-Tube
7	3234-36	1	Screw-HHF
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 And Drain
18	354-77	1	Fitting-Quick
18:1	237-78	1	O-Ring

Ref. No.	Part No.	Qty.	Description
19	354-79	1	Cap-Dust, Yellow
20	3290-378	2	Tie-Cable



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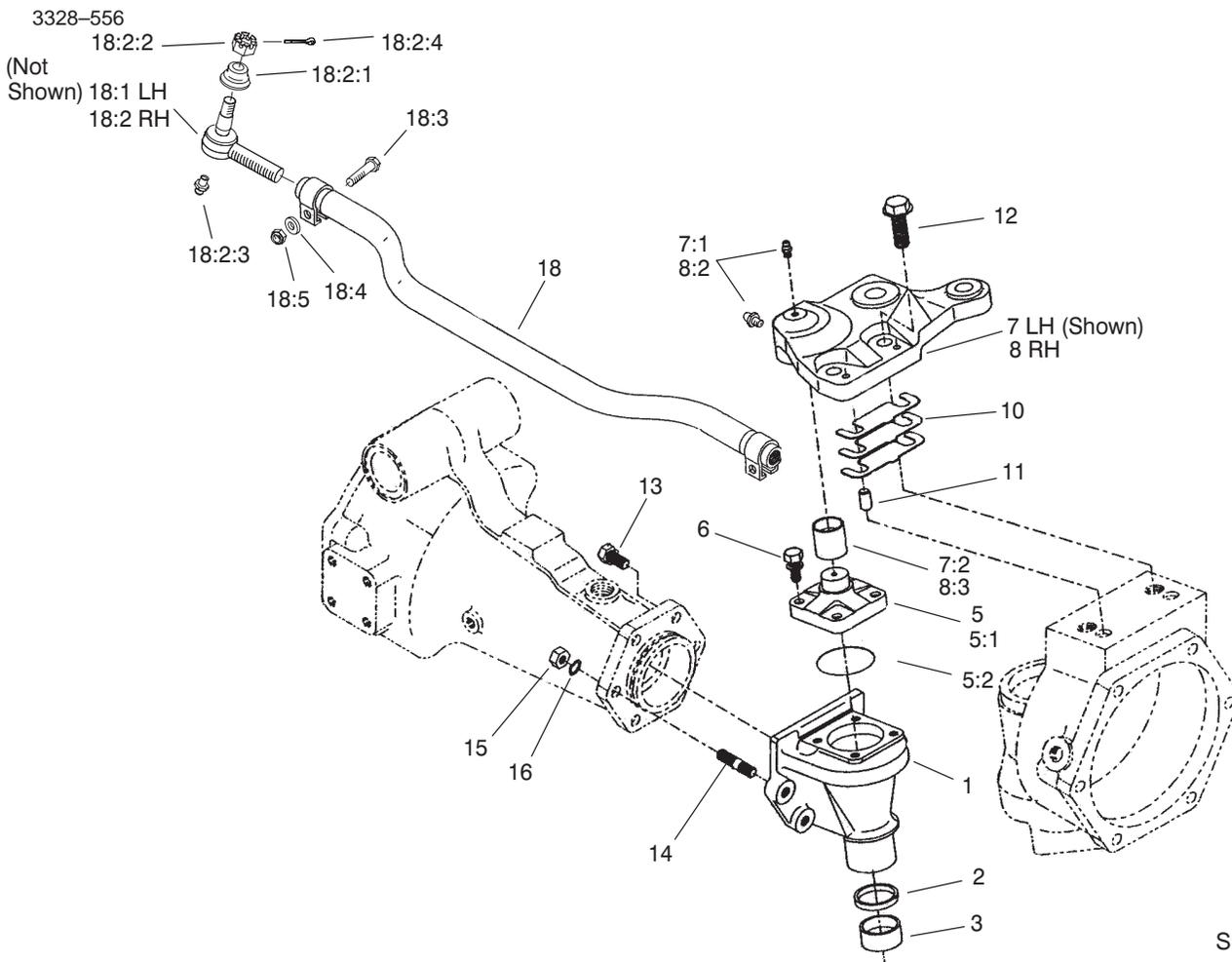
## Rear Axle Assembly No. 100-3784 Bevel Pinion Shaft Assembly

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







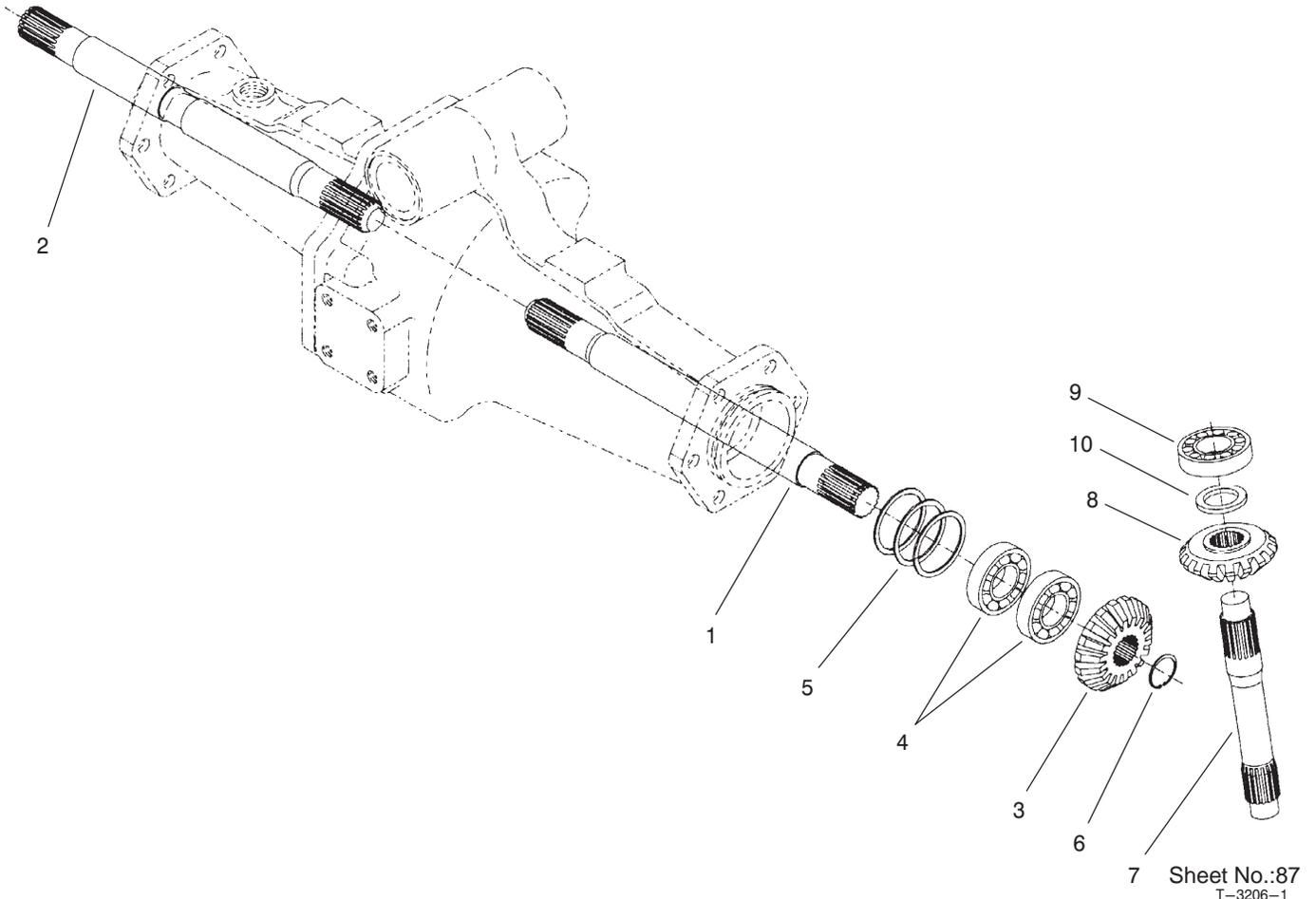
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## Rear Axle Assembly No. 100-3784 (Continued) Bevel Gear Case Assembly

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

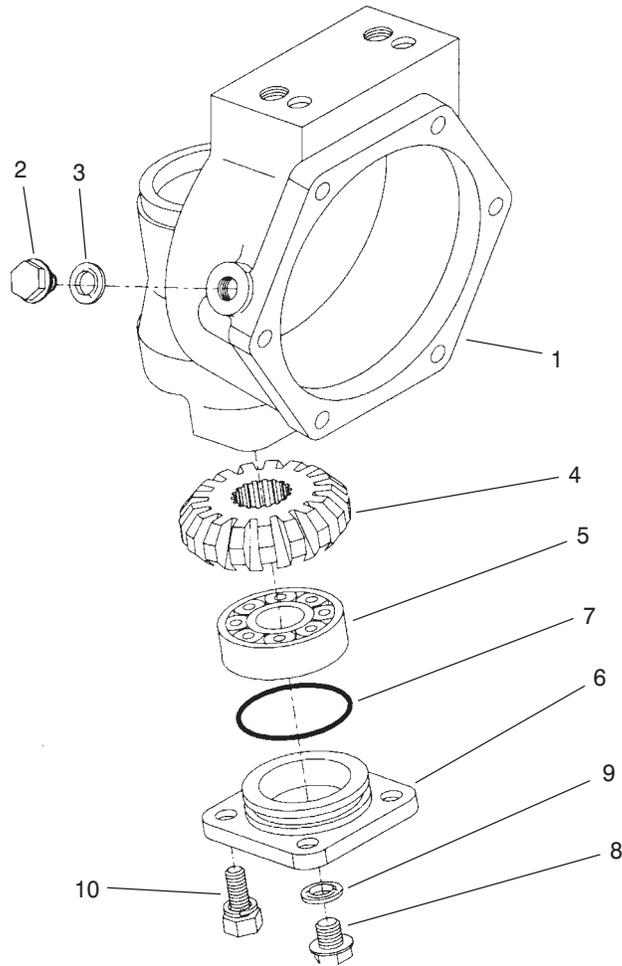


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## Rear Axle Assembly No. 100-3784 (Continued) Bevel Gear Shaft Assembly

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



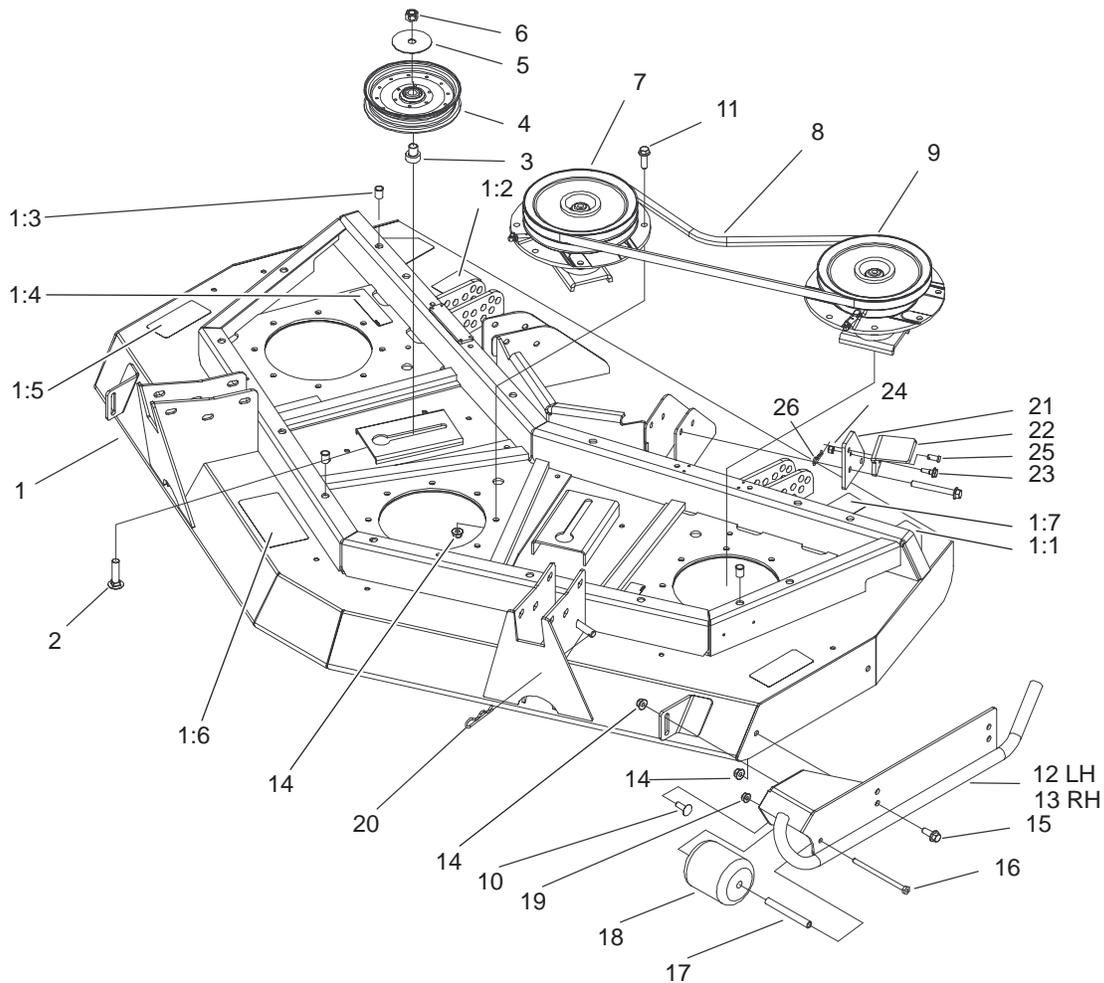
Sheet No.:88  
T-3207-1

## 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.:2

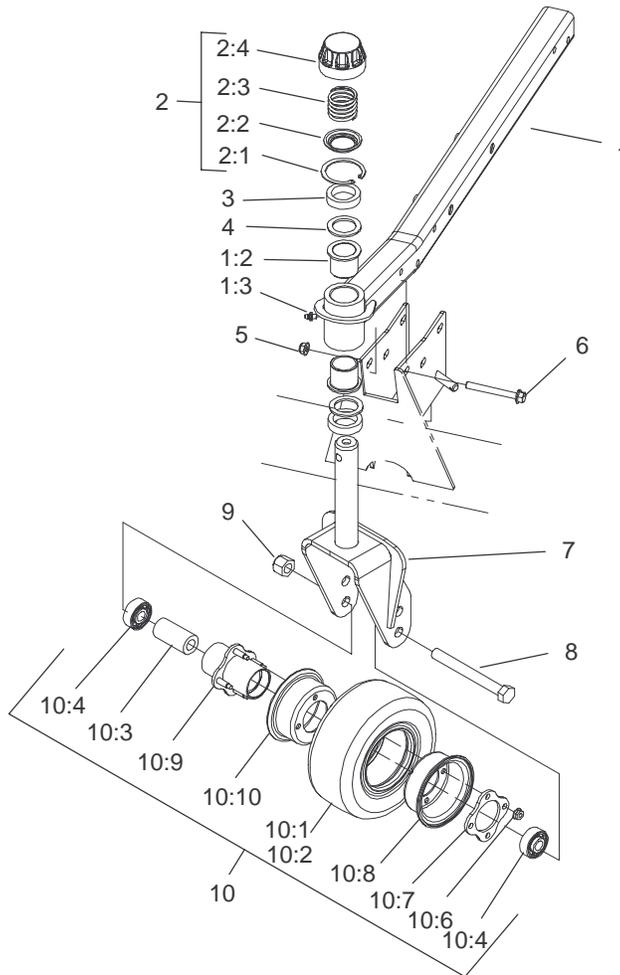
## Front Deck, Idler and Skid Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3035	1	Front Deck ASM
1:1	43-8480	2	Decal-Danger
1:1	106-6753	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
21	106-2033-01	1	Plate-Latch
22	106-2032-01	1	Latch-Deck
23	11-9030	1	Screw-Shoulder
24	3296-42	1	Nut-Lock, NI
25	283-62	1	Pin-Clevis
26	3290-467	1	Pin-Hair







Sheet No.:3

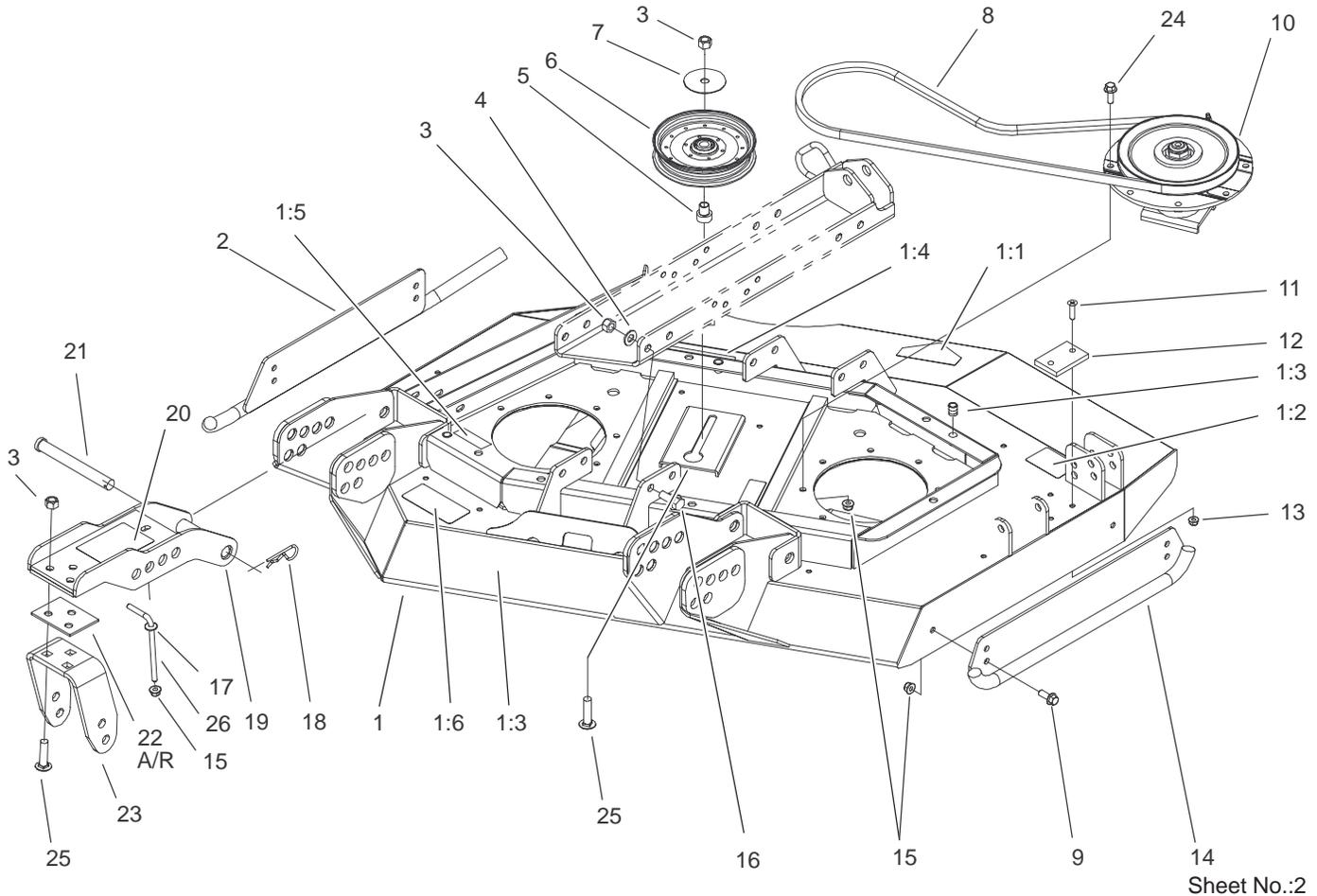
### Castor Arm and Tire Assembly (Front Deck)

Ref. No.	Part No.	Qty.	Description
1	100-8092	1	Front LH Castor Arm ASM
1	100-8091	1	Front RH Castor Arm ASM
1:2	104-8340	2	Bushing
1:3	302-5	1	Fitting-Grease
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	8 Inch Foam Filled Wheel ASM
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

Ref. No.	Part No.	Qty.	Description
10:7	93-4242	1	Plate
10:8	93-4239	1	Rim-Wheel, Half
10:9	93-5980	1	Hub
10:10	95-2741	1	Rim-Wheel, Half





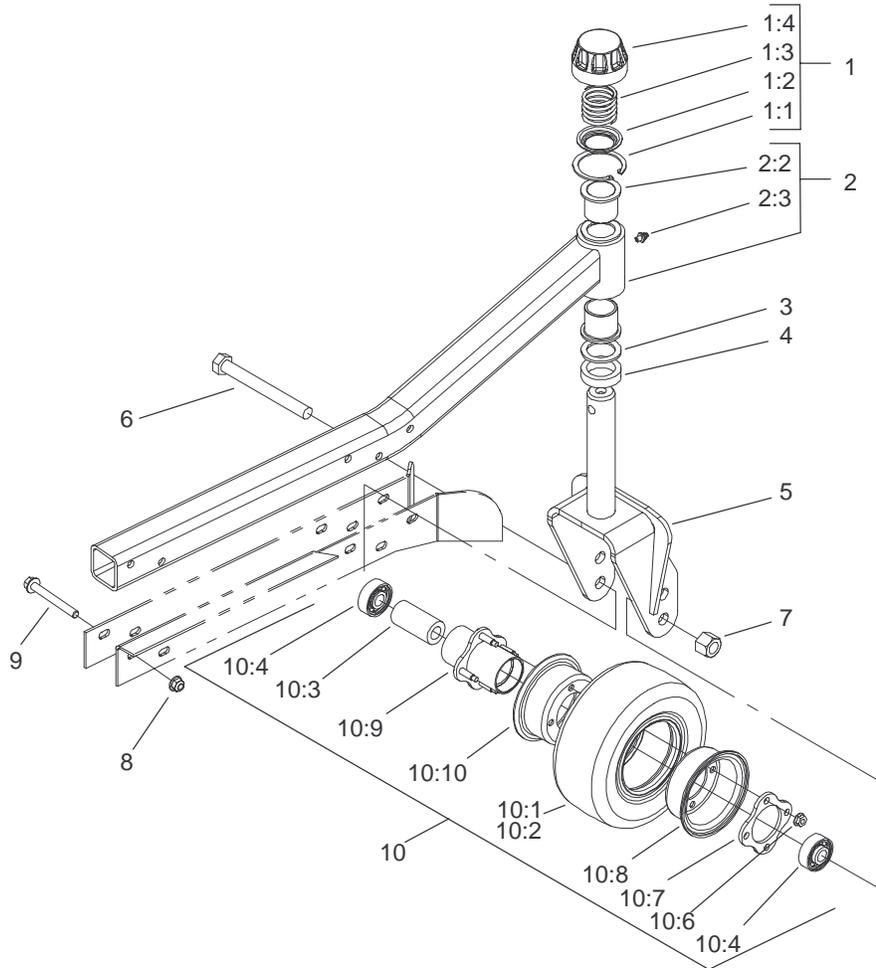


## RH Deck, Idler and Skid Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3036	1	RH Side Deck ASM
1:1	43-8480	1	Decal-Danger
1:1	106-6753	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	22	Nut-Flange, NI
16	3234-38	8	Screw-HHF
17	3256-3	2	Washer-Flat

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	7	Screw-CARR
26	106-2047	2	Rod-Tension





Sheet No.:3

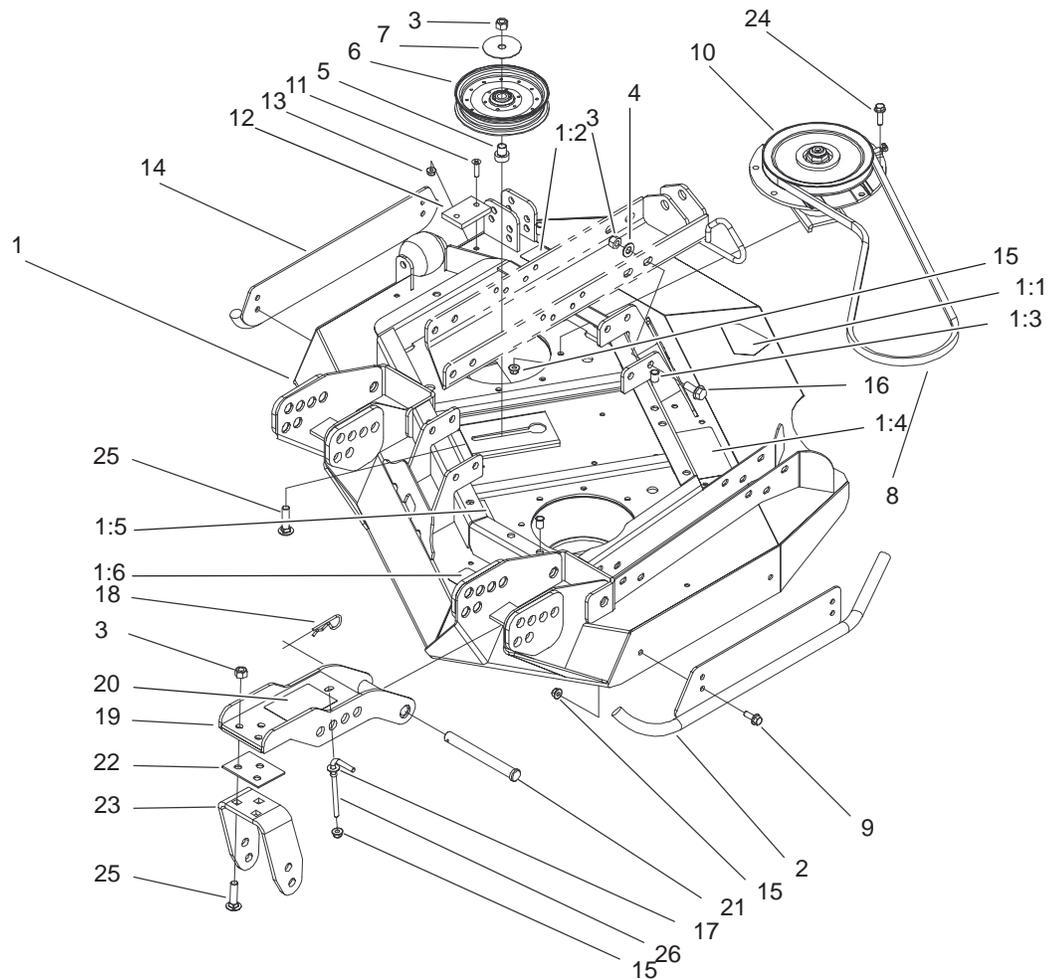
### Castor Arm and Tire Assembly (RH and LH Deck)

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	8 Inch Foam Filled Wheel ASM
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

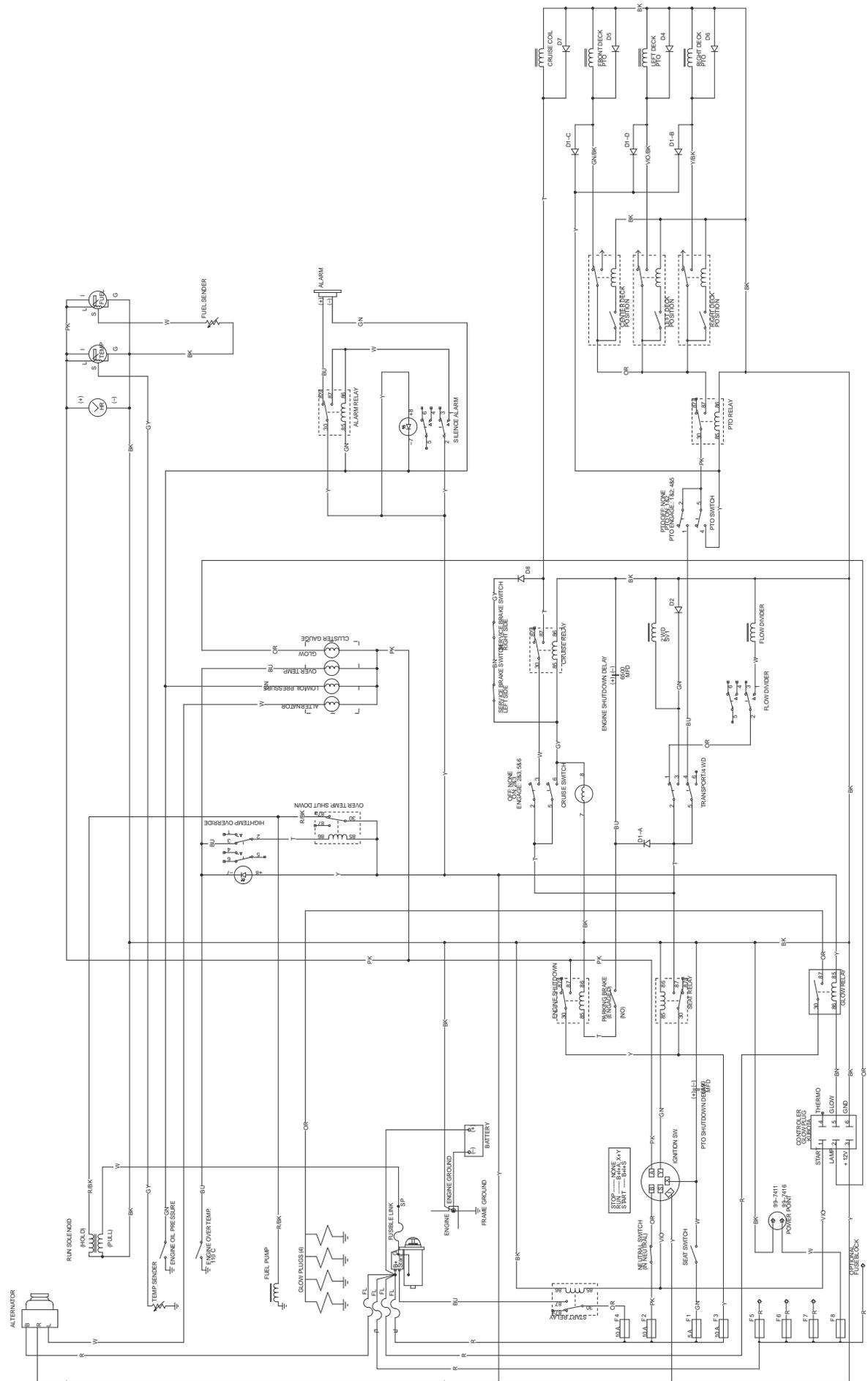
## LH Deck, Idler and Skid Assembly

Ref. No.	Part No.	Qty.	Description
1	100-3037	1	LH Side Deck ASM
1:1	43-8480	1	Decal-Danger
1:1	106-6753	1	Decal-Danger
1:2	100-5693	1	Decal-Rear HOC, LH
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	100-8125-01	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	22	Nut-Flange, NI
16	3234-38	8	Screw-HHF
17	3256-3	2	Washer-Flat

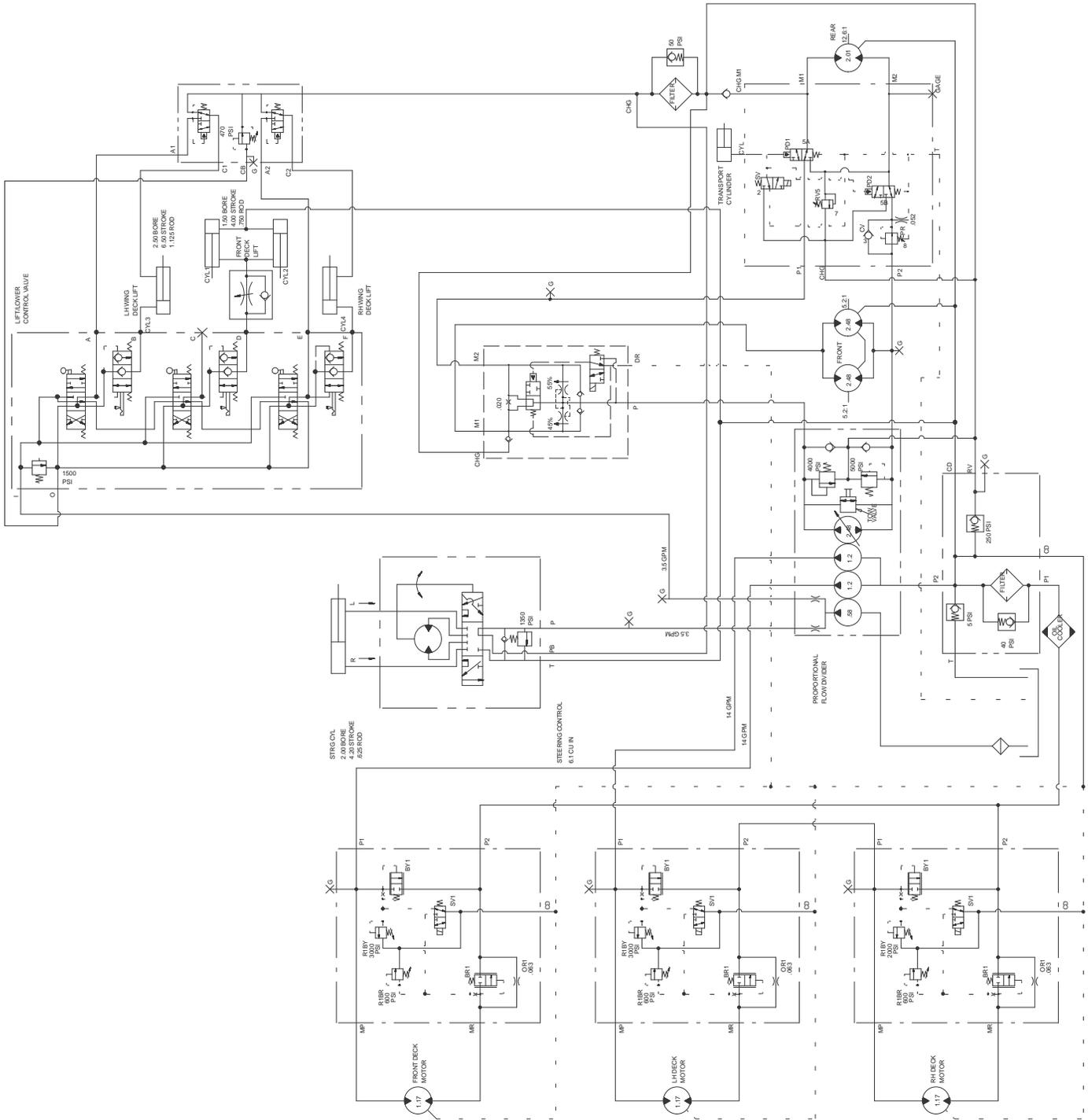
Ref. No.	Part No.	Qty.	Description
18	3290-343	4	Pin-Hair
19	104-7529-01	2	Castor Bracket ASM
20	104-3579	1	Decal-HOC, LH
21	100-5569	4	Pin-Clevis
22	104-7524	8	Shim
23	104-7525-01	2	Bracket-Fork
24	3234-24	12	Screw-HHF
25	3233-4	7	Screw-CARR
26	106-2047	2	Rod-Tension



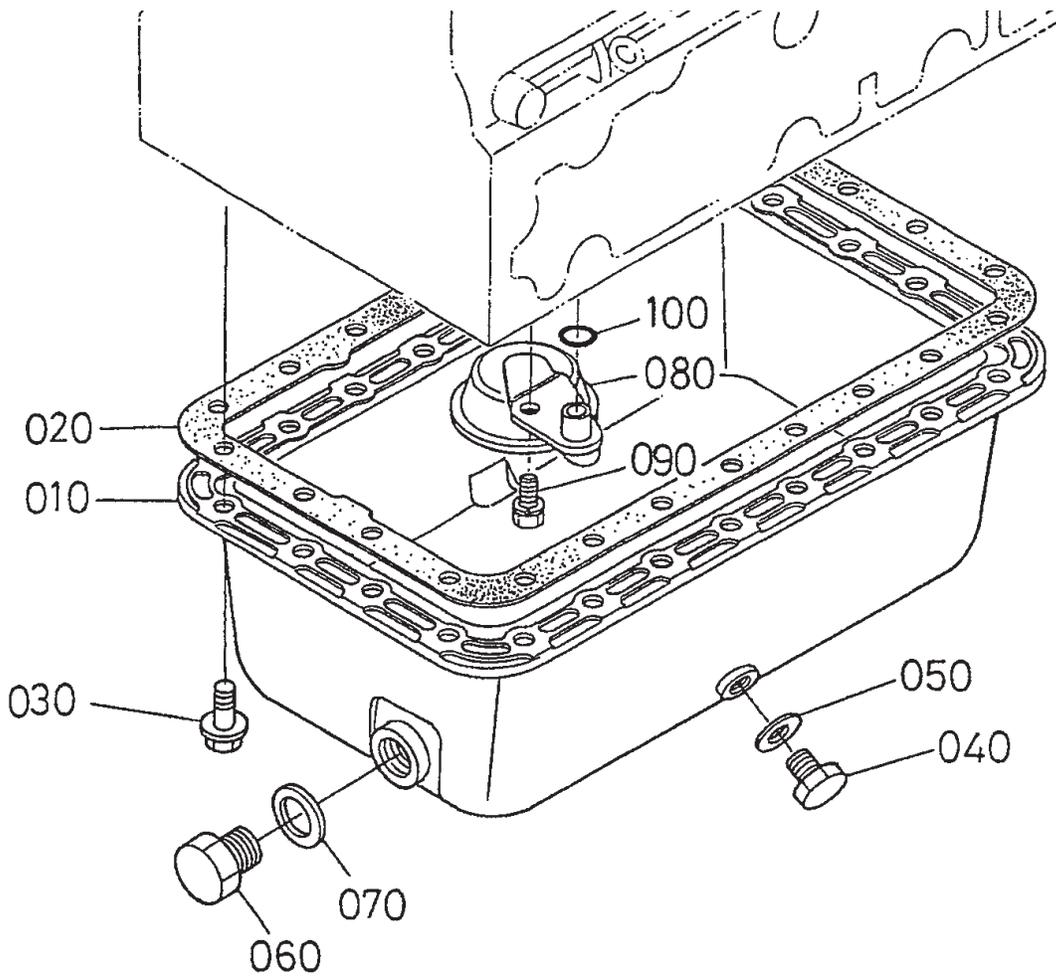
# Electrical Schematic



# Hydraulic Schematic







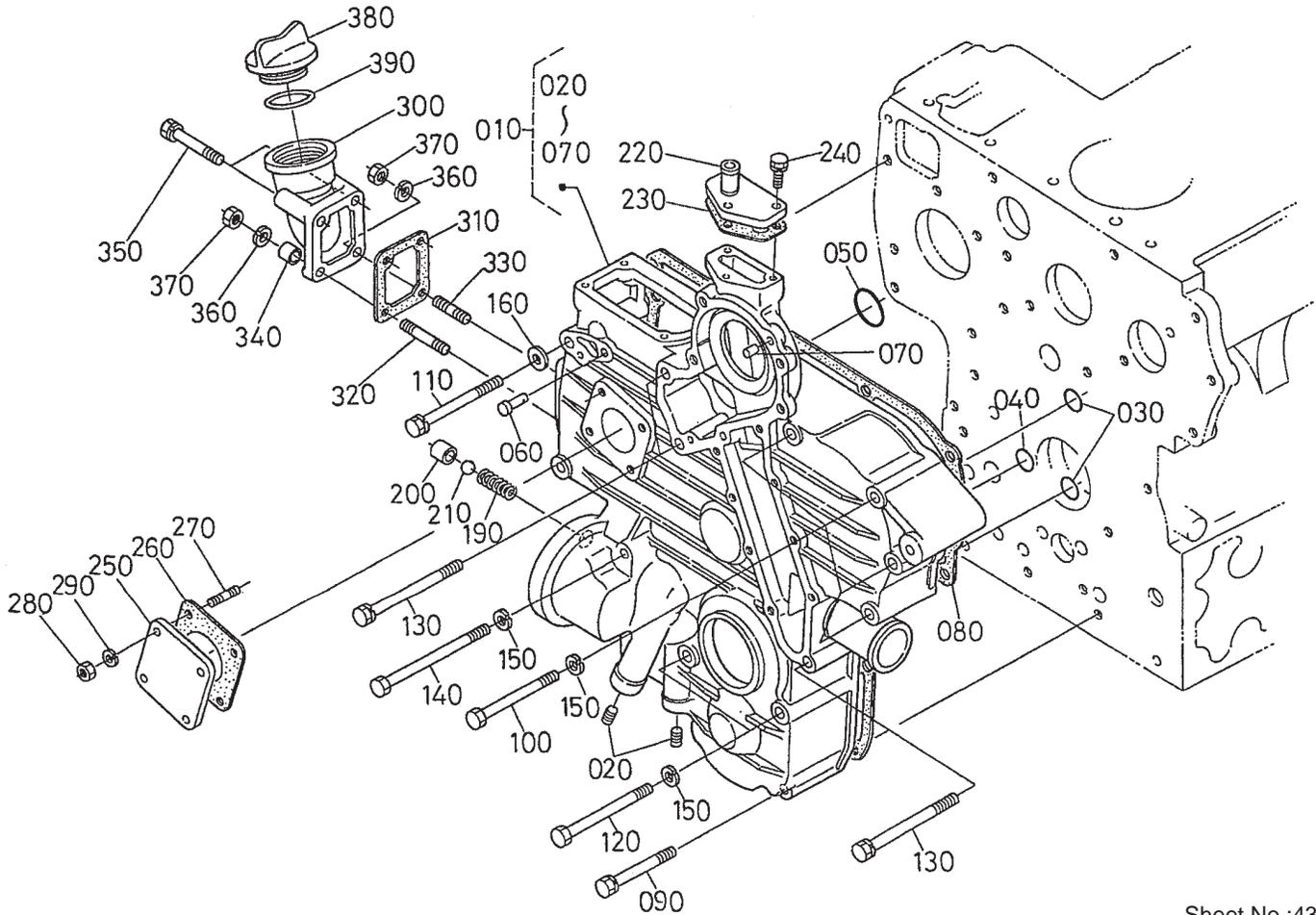
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### Oil Pan Assembly

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





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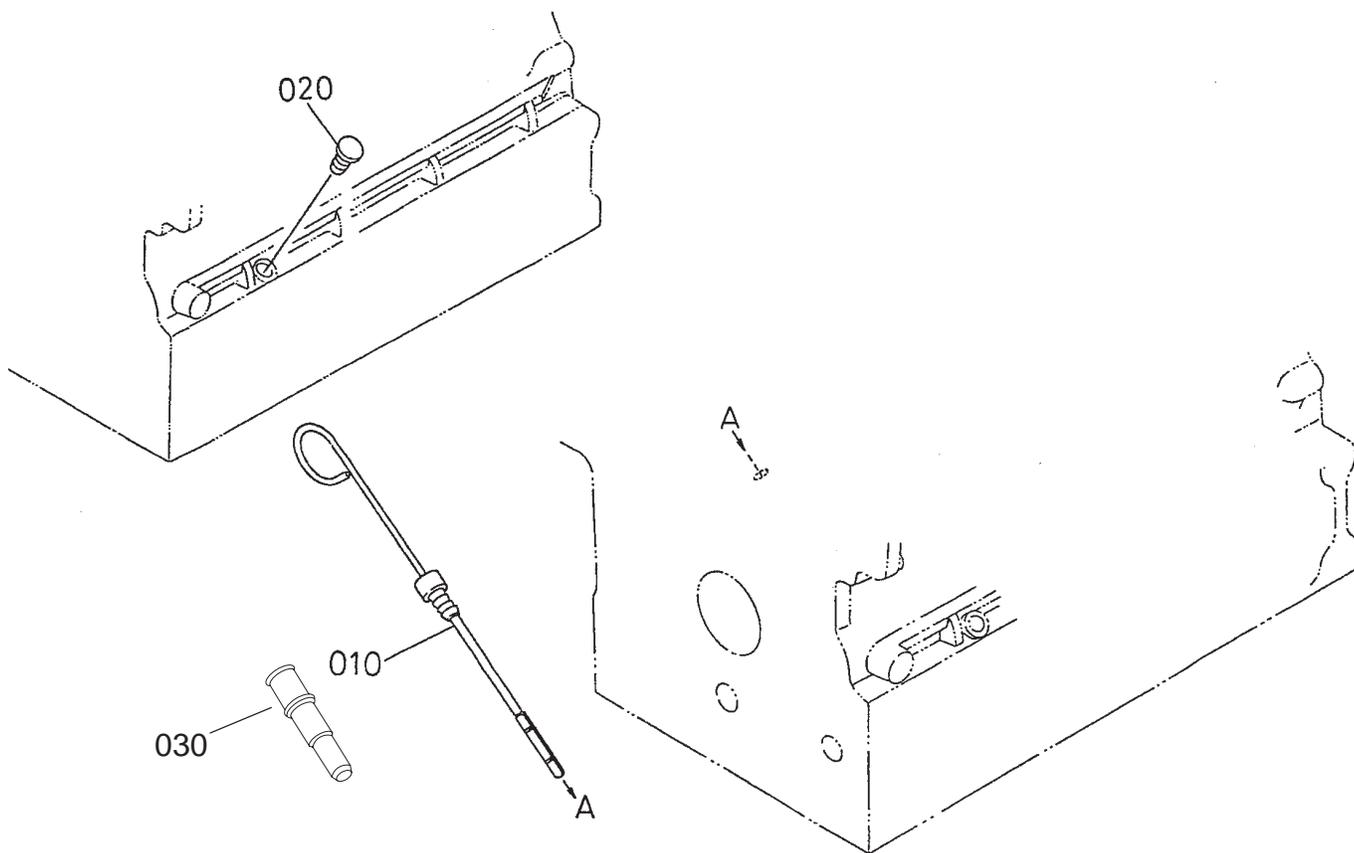
## Gear Case Assembly

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





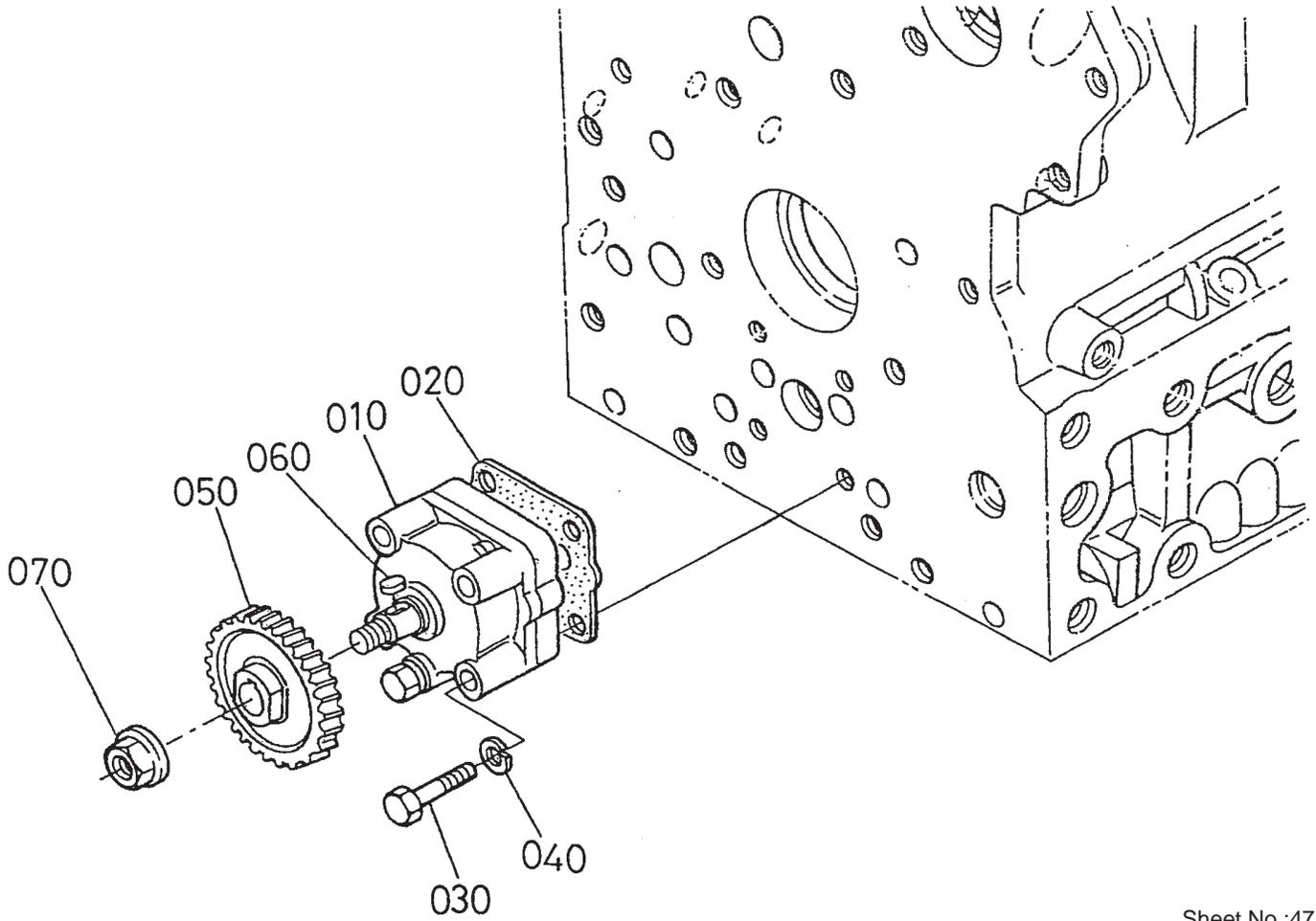


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### Dipstick and Guide Assembly

Ref. No.	Part No.	Qty.	Description
010	105-4579	1	Gauge-Oil
020	100-9169	1	Plug-Gauge, Oil
030	105-4580	1	Guide

Ref. No.	Part No.	Qty.	Description



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### Oil Pump Assembly

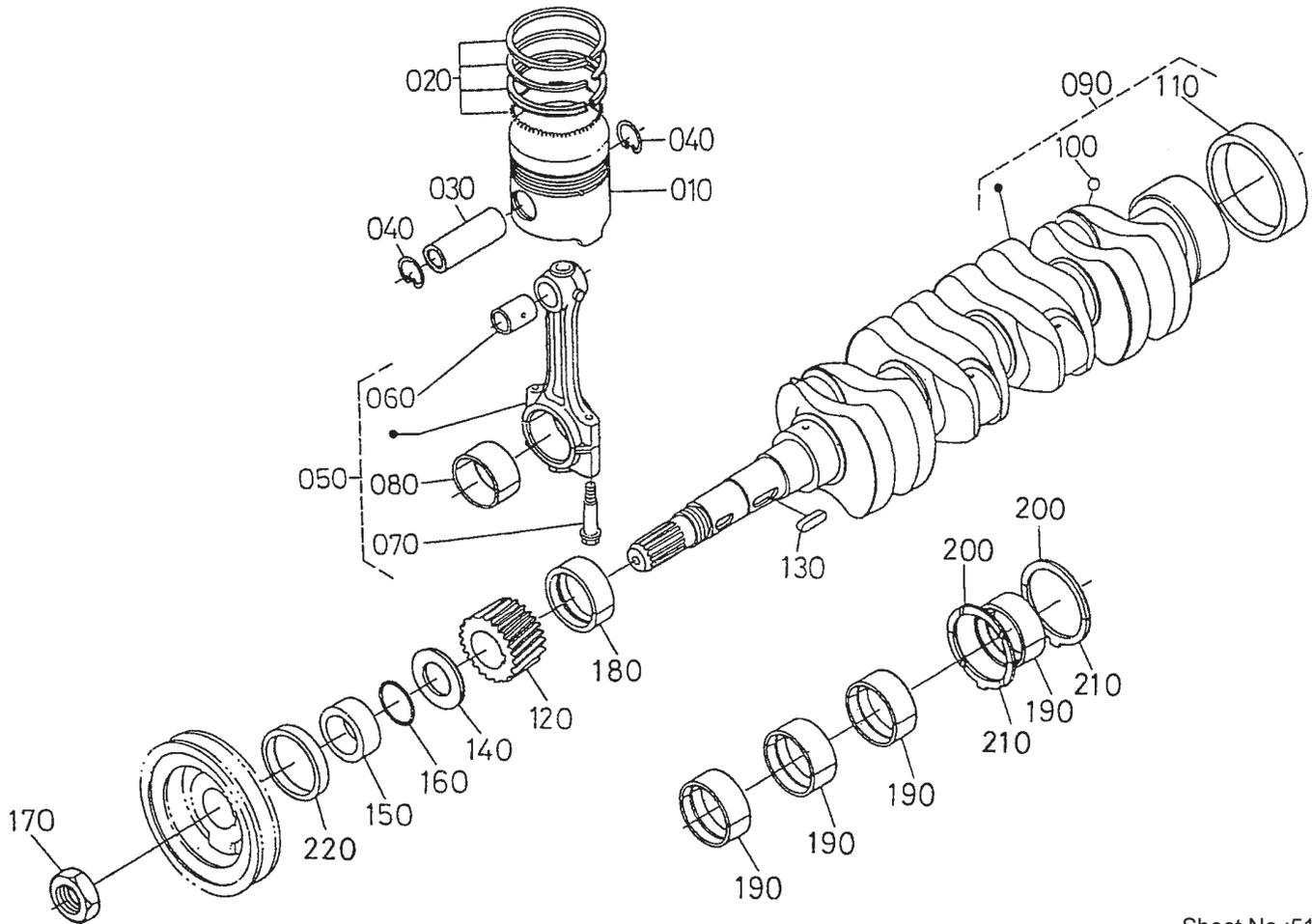
Ref. No.	Part No.	Qty.	Description
010	100-9170	1	Oil Pump ASM
020	98-7513	1	Gasket-Pump, Oil
030	98-7514	4	Bolt
040	98-7699	4	Washer-Spring
050	98-7516	1	Gear-Drive, Oil Pump
060	98-7517	1	Key - Feather
070	98-7518	1	Nut - Flange

Ref. No.	Part No.	Qty.	Description







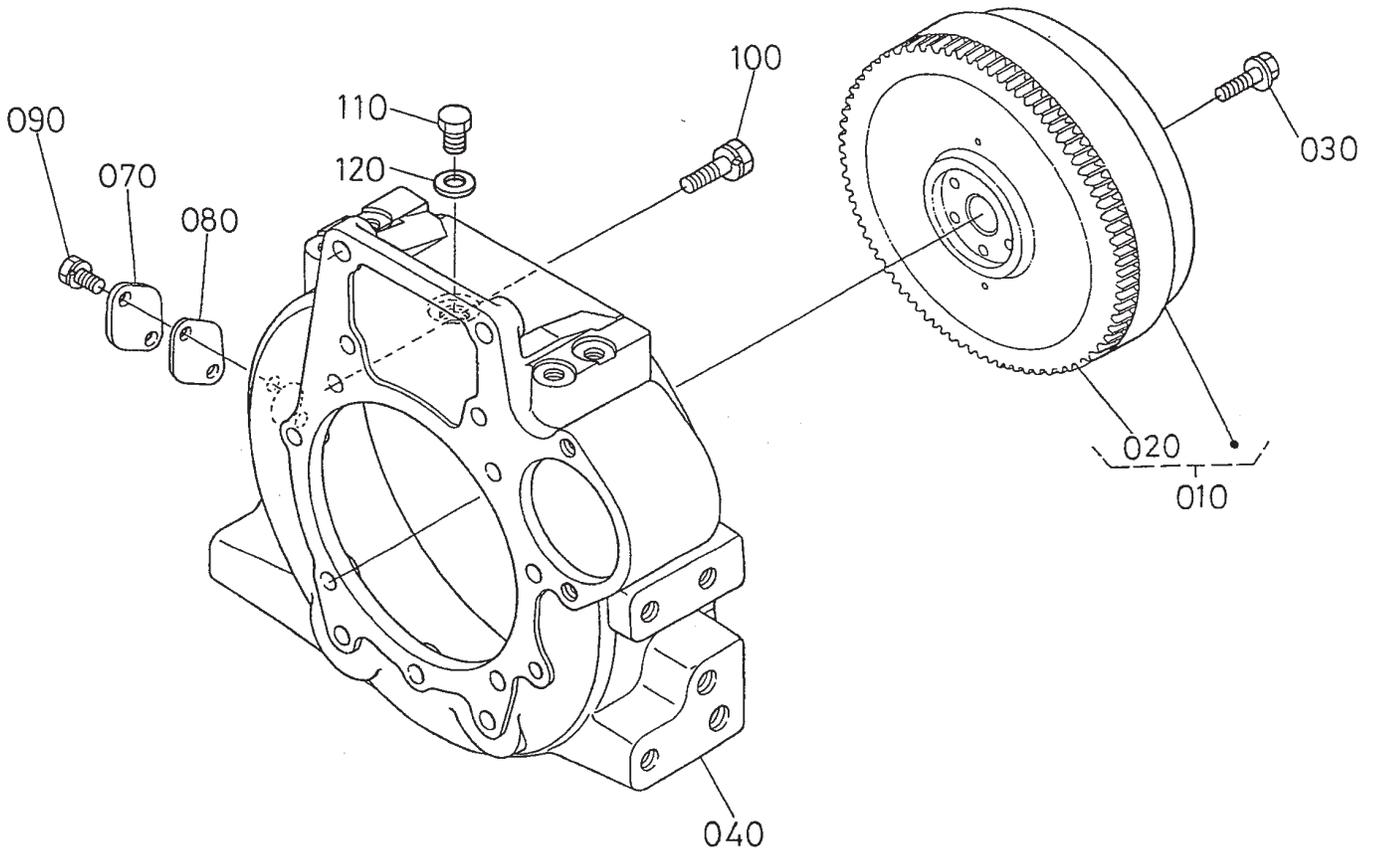


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## Piston and Crankshaft Assembly

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



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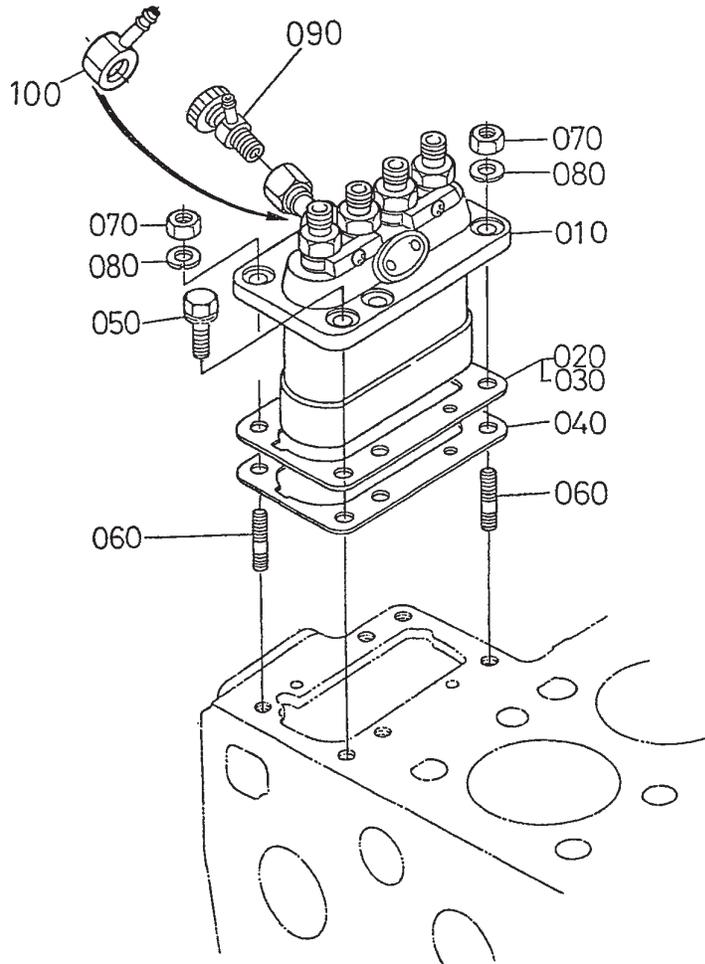
### Flywheel Assembly

Ref. No.	Part No.	Qty.	Description
010	98-7532	1	Flywheel
020	98-7560	1	Gear-Ring
030	98-7573	6	Bolt-Flywheel
040	98-7559	1	Housing-Flywheel
070	98-7883	1	Cover
080	98-7886	1	Gasket
090	105-4577	2	Bolt
100	98-7885	11	Bolt
110	98-7546	1	Plug
120	100-9194	1	Washer-Plain

Ref. No.	Part No.	Qty.	Description







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## 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

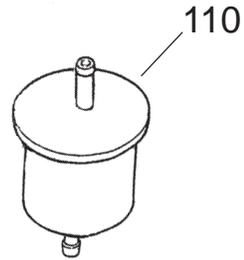
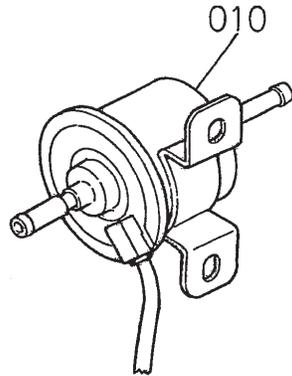
Ref. No.	Part No.	Qty.	Description











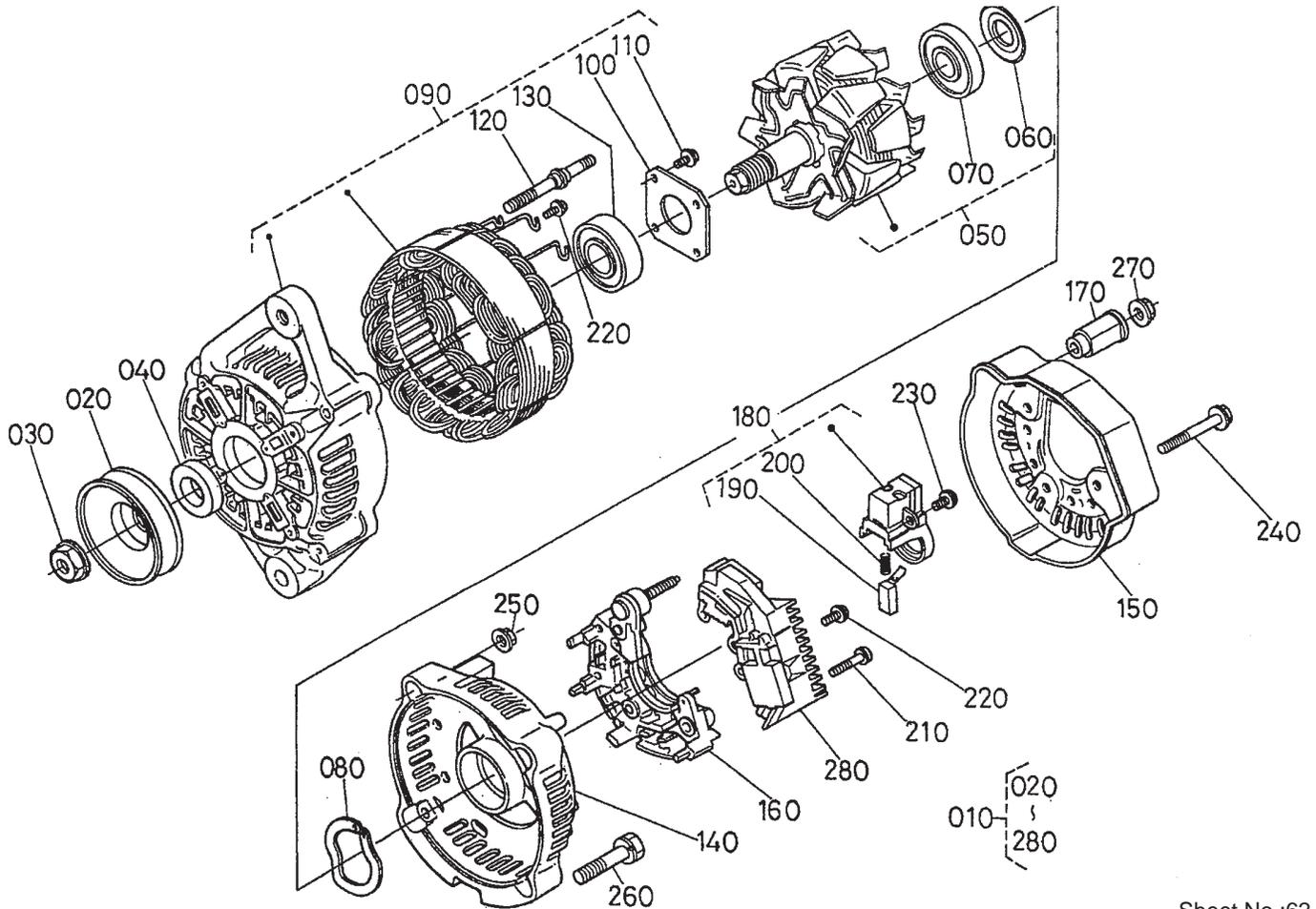
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## Fuel Filter and Fuel Pump

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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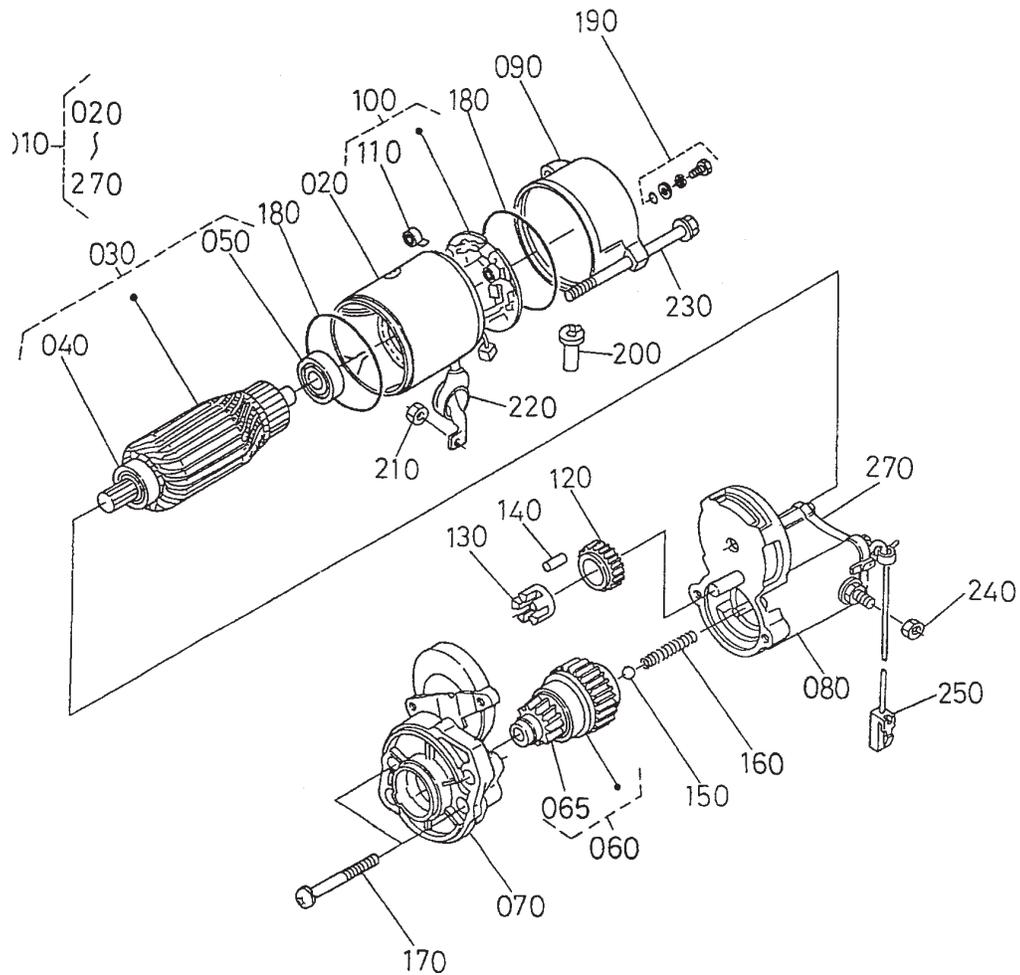
Sheet No.:62

## 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





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## Starter Component Parts Assembly

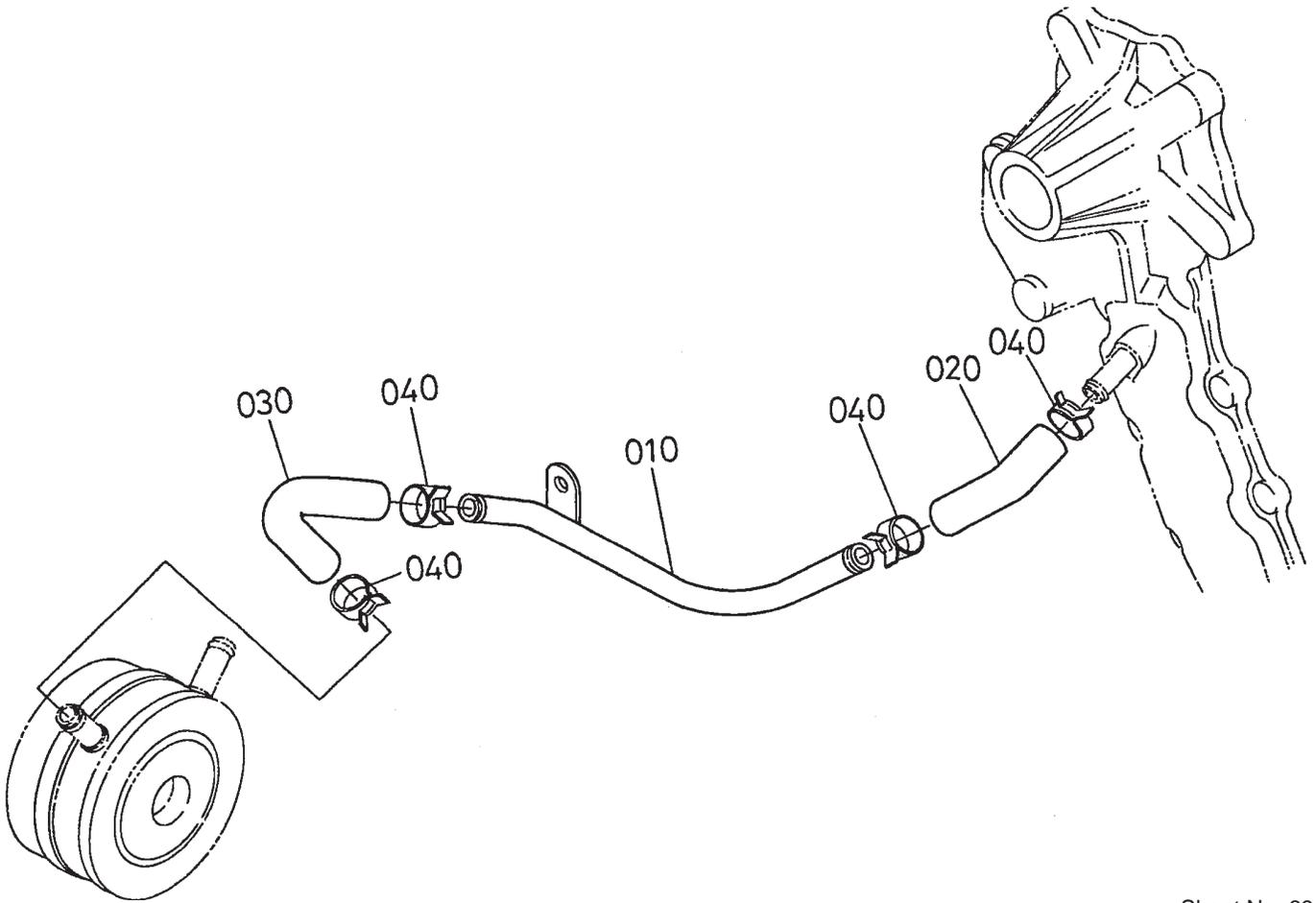
Ref. No.	Part No.	Qty.	Description
010	100-9237	1	Starter ASM
020	104-8608	1	Yoke ASM
030	98-7742	1	Armature ASM
040	98-7744	1	Bearing
050	98-7743	1	Bearing
060	98-7745	1	Clutch-Running, Over
065	105-2887	1	Pinion-Bevel
070	98-7746	1	Frame-End, Drive
080	100-9239	1	Magnetic Switch ASM
090	98-7748	1	Frame-End
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

Ref. No.	Part No.	Qty.	Description
250	98-9711	1	Cord-Solenoid, Stop
270	105-2886	1	Cover ASM







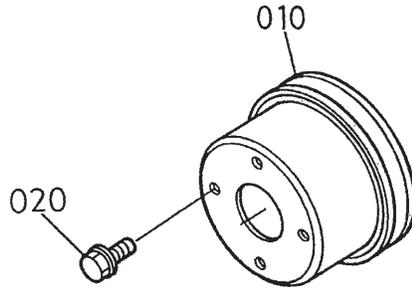


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### Water Pipe Assembly

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



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### Fan Assembly

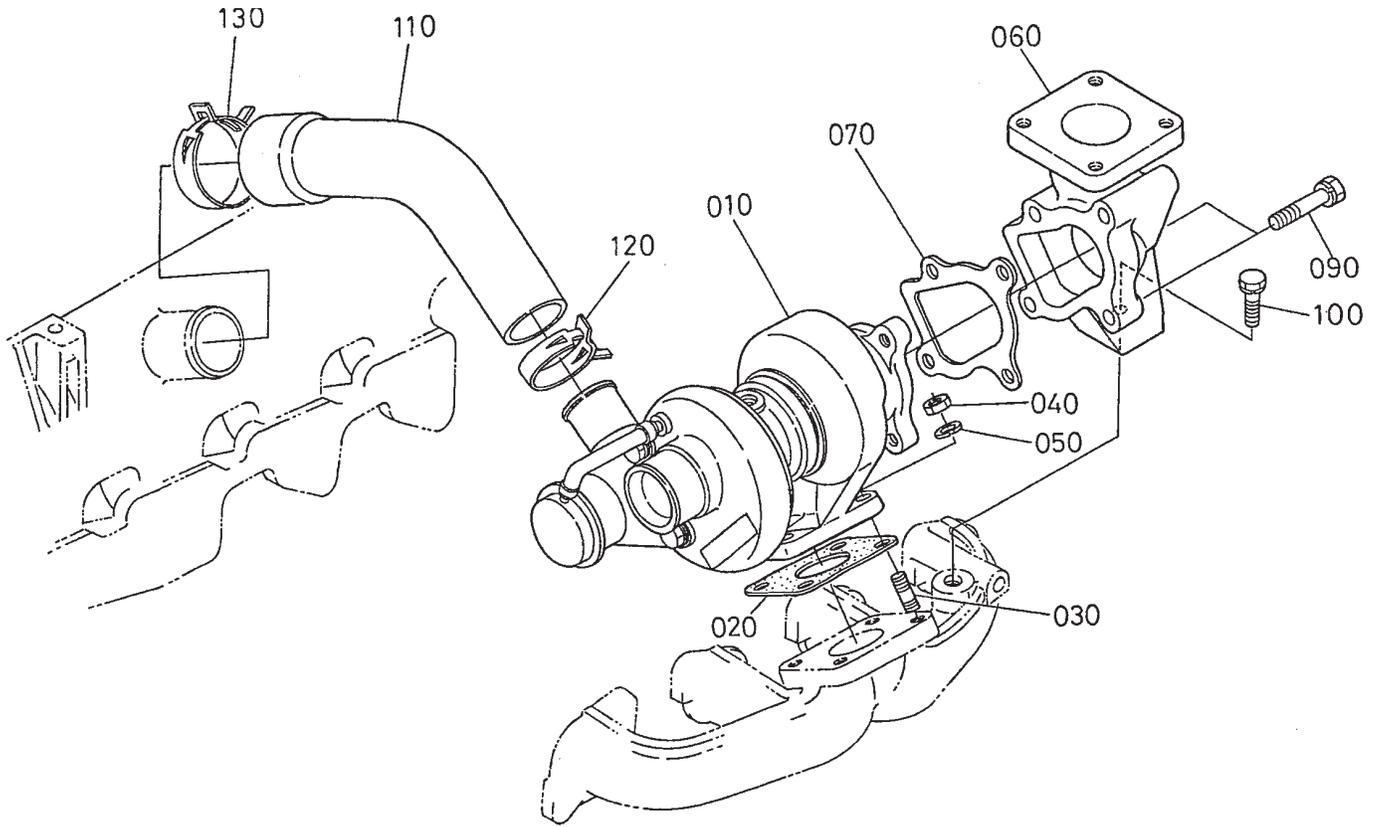
Ref. No.	Part No.	Qty.	Description
010	98-7702	1	Pulley-Fan
020	99-8363	4	Bolt-Flange

Ref. No.	Part No.	Qty.	Description









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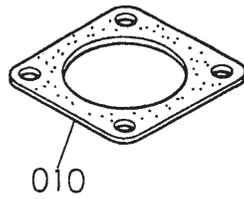
## Turbo Charger Assembly

Ref. No.	Part No.	Qty.	Description
010	100-9313	1	Turbo Changer ASM
020	100-9314	1	Gasket
030	99-8341	4	Stud
040	98-7534	4	Nut
050	99-8339	4	Washer-Spring
060	100-9315	1	Flange-Muffler
070	100-9316	1	Gasket
090	98-7697	4	Bolt
100	100-9230	1	Bolt
110	100-9318	1	Hose-Inlet
120	100-9319	1	Band-Pipe
130	99-8322	1	Band-Pipe

Ref. No.	Part No.	Qty.	Description





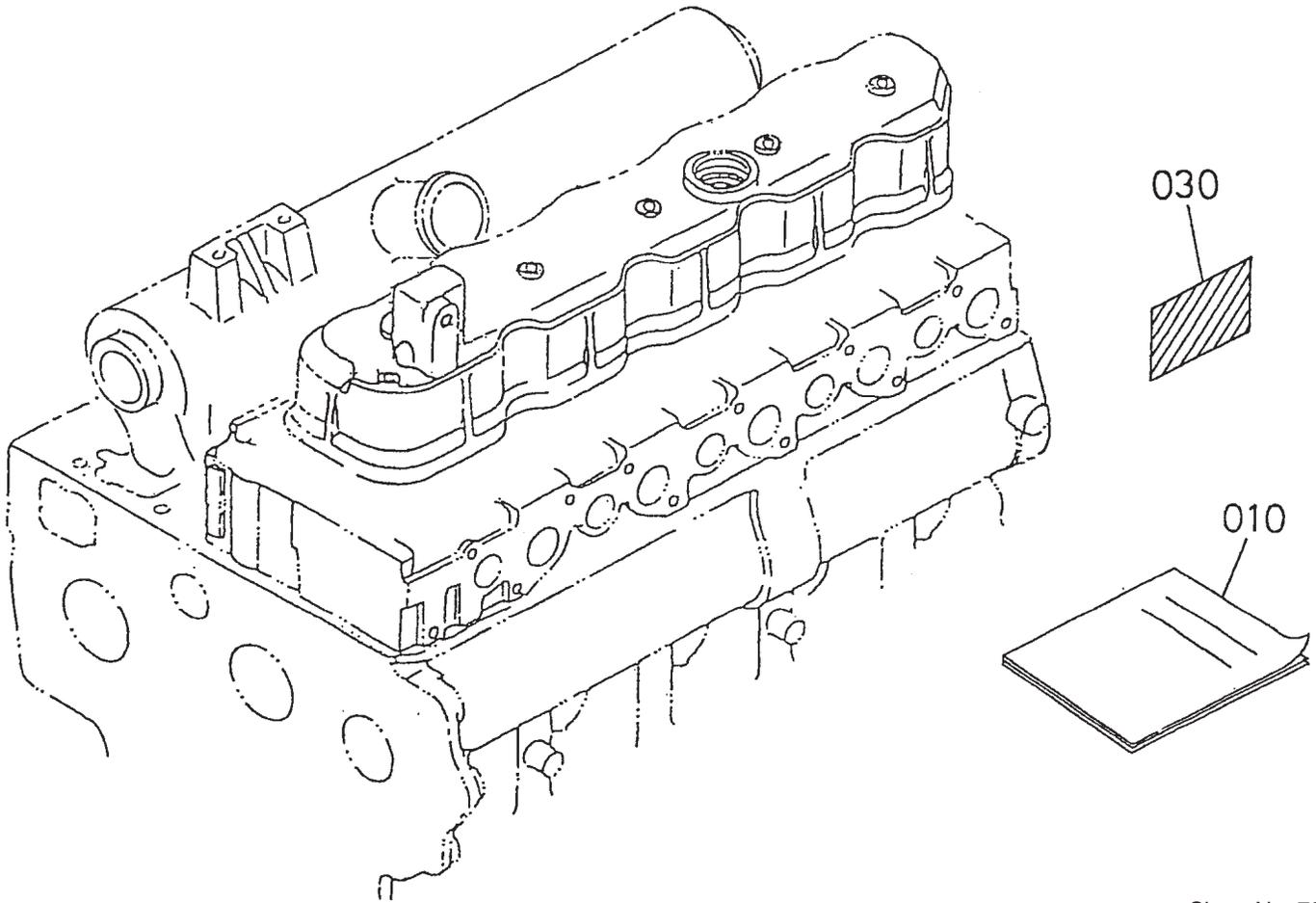


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## Muffler Gasket and Glow Controller

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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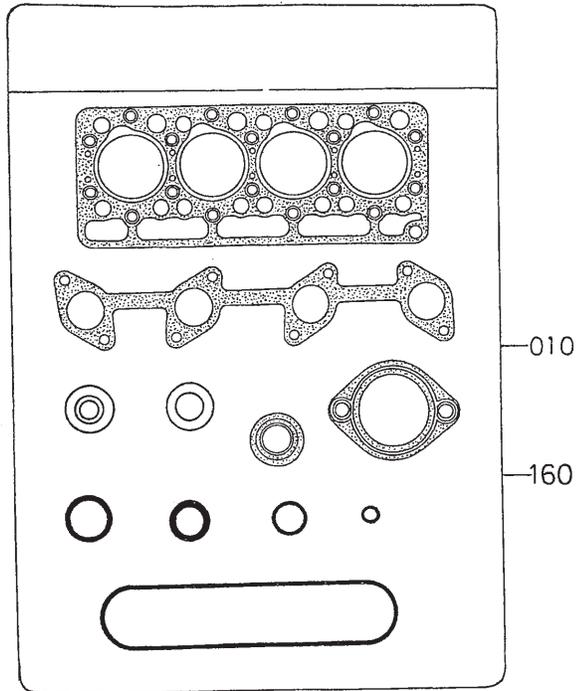


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## Label and Operators Manual

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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