



Reelmaster[®] 2000-D

Traction Unit

Model No. 03428—230000401 and Up

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

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

Reference Numbers Indicating Quantity

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

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

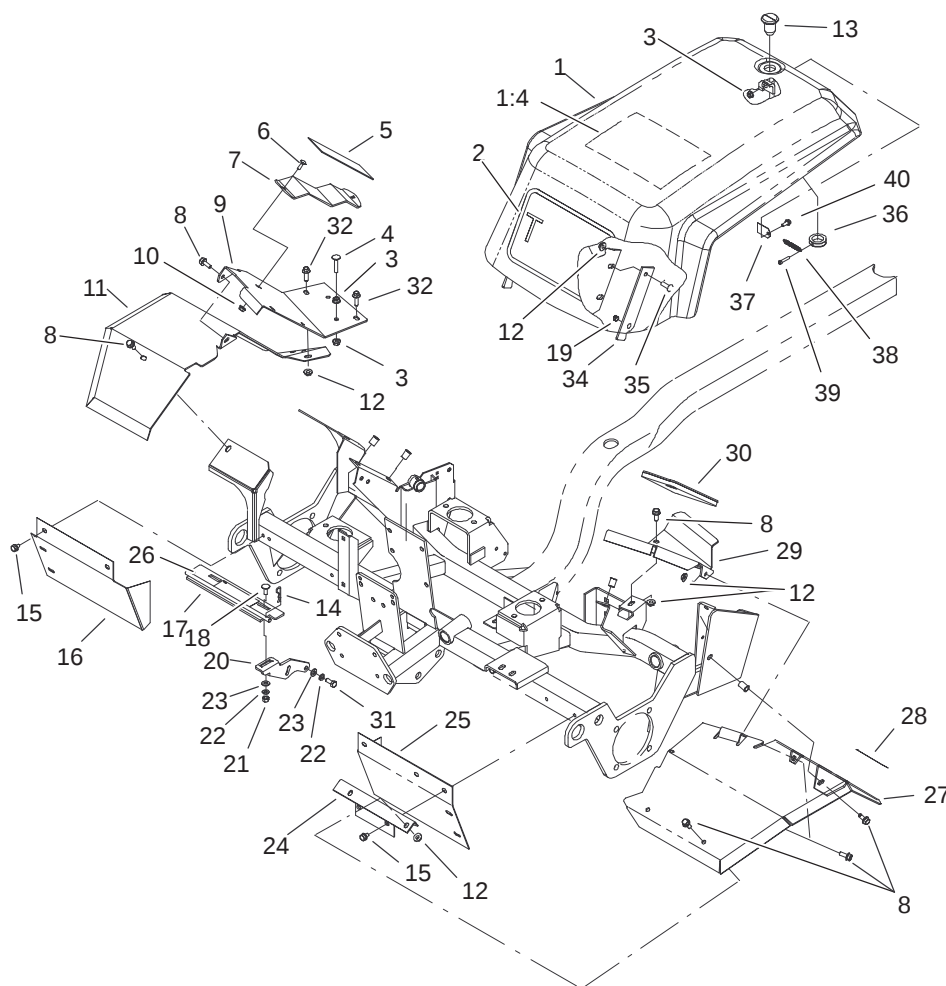
Contents

Description	Page	Description	Page
Hood Assembly	3	Hydraulic Control Valve No. 104-4092	26
Skirt and Body Panel Assembly	4	Rear Lift Arm Assembly	27
Instrument Panel Assembly	5	Hydraulic Cylinder Assembly No. 93-6869	28
Steering Assembly	6	Rear Lift Arm Assembly	29
Castor Fork Assembly	7	Hydraulic Lift Cylinder Assembly No. 94-5031 .	30
Fuel Tank and Filter Assembly	8	Manifold Block Assembly No. 104-3995	31
Engine Assembly	9	Reel Motor Assembly	32
Muffler, Air Cleaner and Oil Cooler Assembly ..	10	Gear Motor Assembly No. 93-6972	34
Air Cleaner Assembly No. 93-2190	11	Gear Motor Assembly No. 93-6975	35
Engine Installation Assembly	12	Electrical Schematic	36
Radiator Assembly	13	Hydraulic Schematic	37
Hydraulic Tank and Filter Assembly	14	Cylinder Assembly	38
Hydraulic Pump Assembly	15	Crankshaft Assembly	39
Hydraulic Piston Pump Assembly No. 104-3874	16	Cylinder Head Assembly	40
Reel Drive Pump Assembly No. 99-6131	17	Injection Assembly	41
Pump Mount Assembly	18	Rocker Arm Assembly	42
Traction Control Assembly	19	Oil Pan Assembly	43
Hydraulic Motor Installation Assembly	20	Cover Assembly	44
Hydraulic Motor Assembly No. 75-9990	21	Gear Housing Assembly	45
Wheel Motor Assembly No. 93-6888	22	Water Pump Assembly	46
Front Wheel and Brake Assembly	23	Manifold Assembly	47
Brake Assembly No. 104-7705	24	Alternator Assembly	48
Hydraulic Valve Installation Assembly	25	Gasket and Valve Overhaul Kit	49

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

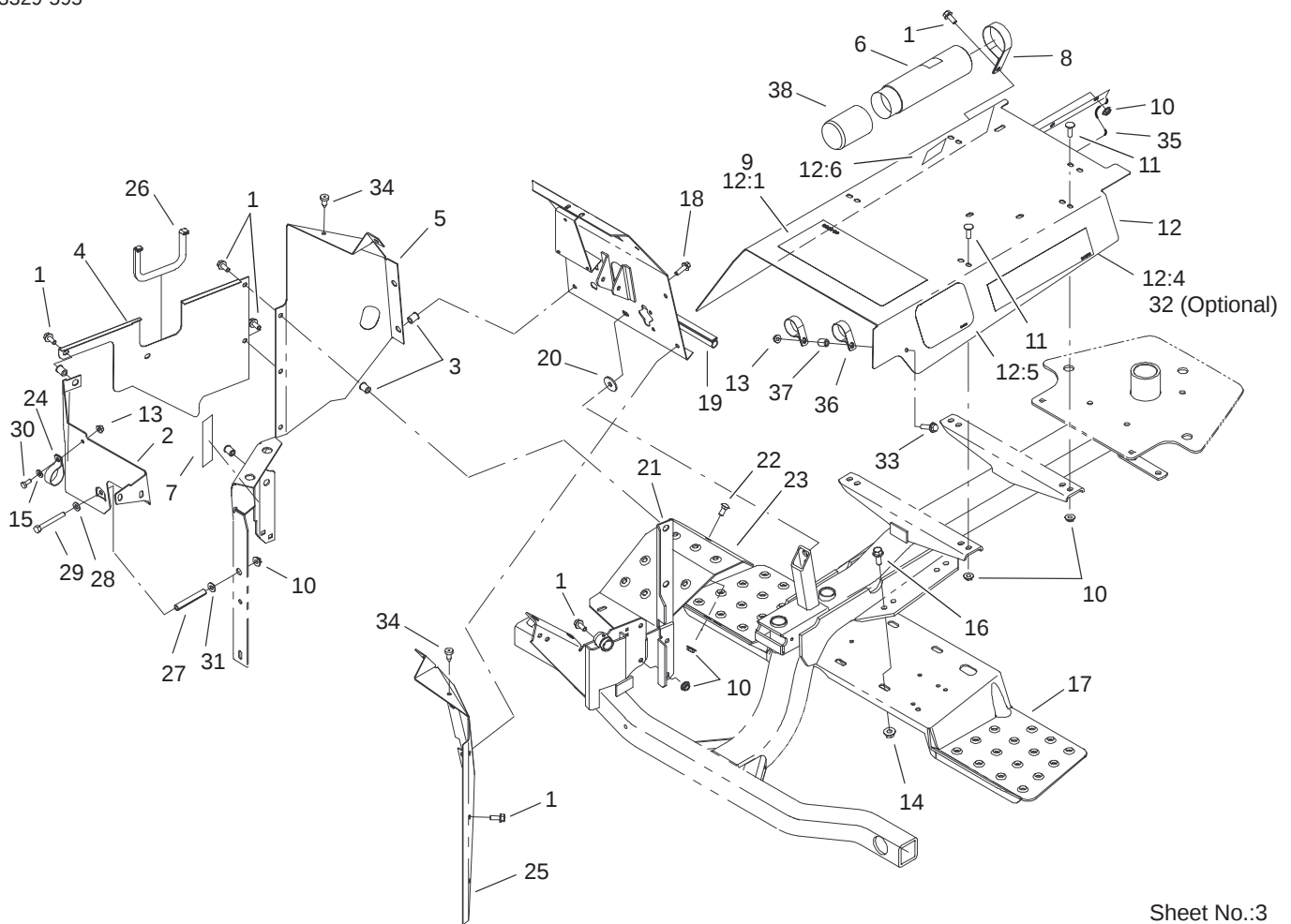
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	HYD	hydraulic
ASM	assembly	INC	incorporated
CARR	carriage	LH	left hand
DEG	degrees	NI	nylon insert
FH	flat head	PPH	Phillips pan head
GA	gauge	PTH	Phillips truss head
HF	hex flange	PTO	power take off
HH	hex head	RH	right hand
HHF	hex head flange	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



Sheet No.:2

Hood Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	104-3987	1	Hood ASM	25	83-9800-01	1	Grass Shield-Front, LH
1:4	106-8109	1	Decal	26	94-5056	1	Decal
2	66-1210	1	Decal	27	93-6776-01	1	Fender-LH
3	32128-20	3	Nut-HF	28	93-7267	1	Decal-Brake
4	3230-27	1	Screw-CARR	29	83-9710-03	1	Footrest-Pedal, Tract
5	76-2260	1	Pad-Footrest	30	83-9840	1	Pad-Foot
6	3229-1	2	Screw-CARR	31	322-3	4	Screw-HH
7	76-2200-03	1	Footrest-Pedal, Tract	32	3234-17	4	Screw-HHF
8	3234-17	10	Screw-HHF	34	104-3968-03	2	Bracket-Hood
9	93-6779-03	1	Footrest-RH	35	3234-5	4	Screw
10	32128-33	3	Nut-HF	36	104-4078	1	Collar-Latch
11	93-6778-01	1	Fender-RH	37	104-4079	1	Bracket-Spring
12	32128-44	16	Nut	38	104-4080	1	Spring-Extension
13	104-4074	1	Stud-Latch	39	3290-360	1	Screw-HH
14	3290-467	1	Pin-Hair	40	3290-145	1	Screw
15	32104-82	5	Screw-HHF				
16	104-4062-01	1	Shield-Front, RH				
17	93-6780-03	1	Hinge				
18	3230-2	2	Bolt-CARR				
19	256-320	2	Bushing-Nylon				
20	93-6742-03	2	Bracket-Hood, Pivot				
21	3217-6	2	Nut-Hex				
22	3253-4	6	Washer-Lock				
23	3256-23	6	Washer-Flat				
24	83-8510-01	1	Bracket-Fender, Left				

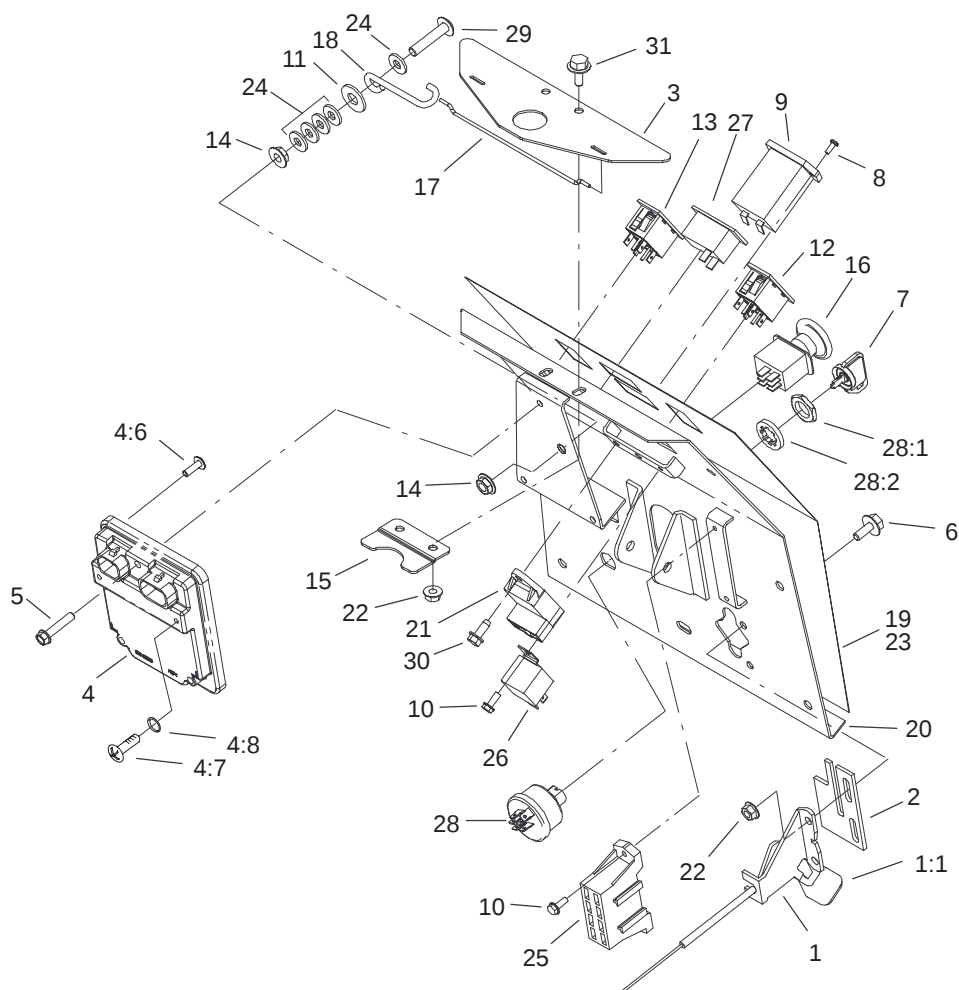


Sheet No.:3

Skirt and Body Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	3234-5	16	Screw
2	104-3865-03	1	Panel-Front, RH
3	32148-7	8	Insert-Nut
4	104-4063-03	1	Front Panel ASM
5	104-3932-03	1	Panel-Rear, Right
6	104-7050	1	Housing-Manual
7	93-7273	1	Decal-Danger
8	2412-133	2	R-Clamp
9	93-7271	1	Decal-Warning
10	32128-44	13	Nut
11	3230-2	4	Bolt-CARR
12	104-3916	1	Skirt ASM
12:1	104-4096	1	Decal-Warning
12:4	104-3988	2	Decal
12:5	104-3989	2	Decal
12:6	105-4674	1	Decal-Noise, Ce
13	32128-33	2	Nut-HF
14	32128-43	4	Nut-Flange
15	3256-22	1	Washer-Flat
16	3234-11	4	Screw-HHF
17	93-6868-03	1	Step-Foot
18	3234-17	1	Screw-HHF
19	76-6471	1	Strip-Seal, Firewall
20	62-7170	1	Spacer-Rubber
21	104-4009-03	1	Angle-Right
22	3230-1	1	Bolt-CARR

Ref. No.	Part No.	Qty.	Description
23	93-6938-03	1	Shield-Footrest
24	2412-74	1	R-Clamp
25	93-6732-03	1	Panel-Rear, Left
26	104-4060	1	Trim
27	93-6908	1	Spacer-Split
28	3256-23	1	Washer-Flat
29	322-23	1	Screw-HH
30	321-3	1	Screw-HH
31	87-8640	1	Washer-Flat
32	104-4014	1	Decal
33	321-43	1	Capscrew
34	104-4098	2	Seal-Foam
35	104-4086-01	1	Shield-Muffler
36	2412-106	2	Clamp-R
37	92-6999	1	Spacer-Yoke
38	104-7048	1	Cap-Housing



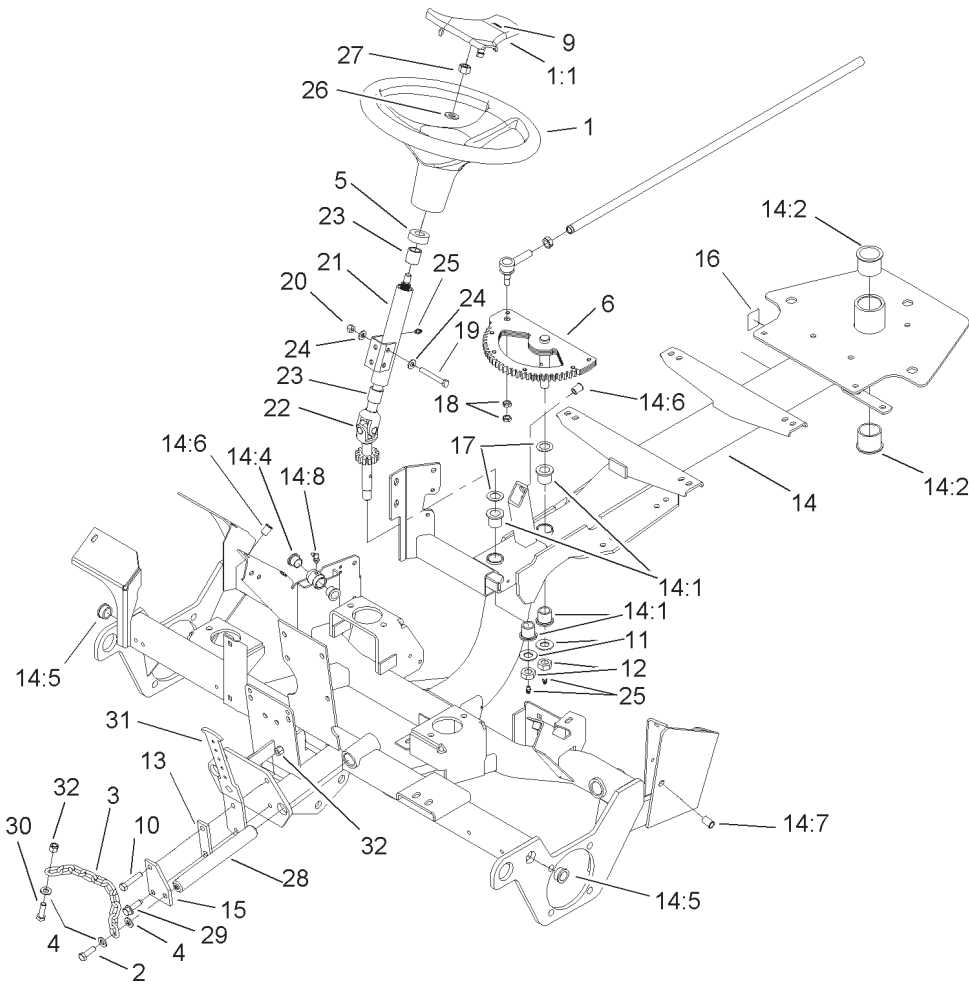
Sheet No.:4

Instrument Panel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	104-3967	1	Cable-Control, Throttle	22	32128-33	4	Nut-HF
1:1	66-0120	1	Knob	23	104-3994	1	Decal
2	93-6743	1	Stop-Throttle	24	3256-2	5	Washer-Flat
3	104-4075-03	1	Plate-Latch	25	104-4064	1	Harness-Wire, Main
4	105-8505	1	Control Module ASM	*25:1	218-578	1	Fuse-10 Amp
☆4:6		7	Screw-PPH	*25:2	109355	1	Fuse-15 Amp
☆4:7		2	Screw-PPH	*25:3	104-4022	1	Resistor-75 Ohm
☆4:8		2	O-Ring	*25:4	94-6710	1	Fuse-Blade, 2 Amp
5	32144-110	3	Screw-HWH	26	99-7435	1	Relay-Power
6	3234-4	2	Screw-HHF	27	104-4071	1	Light-Indicator, Amber
7	63-8360	2	Key-Ignition	28	104-2541	1	Switch-Key
8	32144-18	2	Screw-HH	28:1	218-461	1	Nut-HH
9	75-6820	1	Hourmeter	28:2	3254-5	1	Washer-T ooth
10	32144-1	3	Screw-T aptite	29	322-41	1	Screw-HH
11	3256-4	1	Washer-Flat	30	32144-10	1	Screw-HWH
12	100-8070	1	Lamp-Warning	31	3234-13	2	Screw-HHF
13	100-8071	1	Lamp-Warning				
14	32128-44	2	Nut				
15	104-4076-03	1	Plate-Spring, Keeper				
16	93-9998	1	Switch-PT O				
17	104-4077	1	Wire-Form				
18	94-5973	1	Hook				
19	104-3991	1	Decal				
20	104-3864-03	1	Panel-Instrument				
21	99-9666	1	Module				

☆ Not serviced separately

* Not illustrated

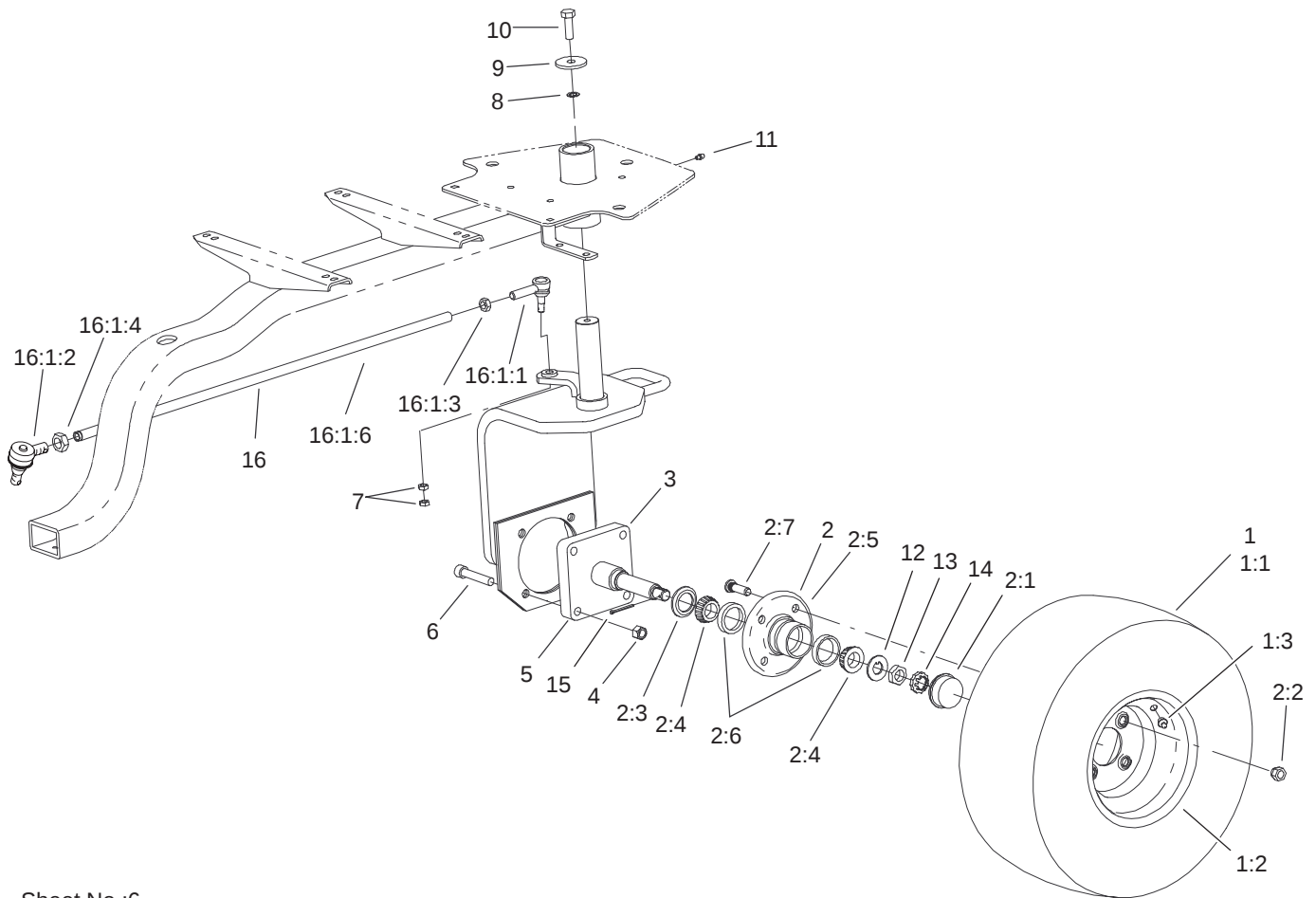


Sheet No.:5

Steering Assembly

Ref. No.	Part No.	Qty.	Description
1	98-1471	1	Wheel-Steering
1:1	98-1468	1	Cover-Wheel, Steering
2	323-18	2	Screw-HH
3	93-6738	2	Chain
4	3256-24	6	Washer-Flat
5	21-9260	1	Cover-Dust
6	93-6768-03	1	Gear-Sector
9	98-1459	1	Decal
10	323-9	2	Screw-HH
11	3256-27	2	Washer-Flat
12	3296-33	2	Nut-Lock, NI
13	98-3445	2	Spacer
14	104-3913	1	Frame ASM
14:1	92-3162	4	Bushing
14:2	256-245	2	Bushing-Flange
14:4	75-2160	2	Bushing
14:5	256-247	2	Bushing-Flange
14:6	32148-7	4	Insert-Nut
14:7	32148-8	1	Insert-Threaded
14:8	302-60	1	Fitting-Grease
15	98-3446	2	Plate-Reinforcement
16	93-7252	1	Decal
17	3-6498	6	Washer-Thrust
18	3220-3	2	Nut-Jam
19	322-12	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
20	3296-29	1	Nut-Lock, NI
21	93-6769-03	1	Column-Steering
22	94-5969	1	Shaft And Gear-Steering
23	256-27	2	Bushing
24	87-8640	2	Washer-Flat
25	302-5	3	Fitting-Grease
26	3256-26	1	Washer-Flat
27	3296-25	1	Nut-Lock, NI
28	92-1812	2	Shaft-Pivot, Lift
29	32144-109	2	Screw
30	323-7	2	Screw-HH
31	92-1818-01	2	Arm-Spring, Tension
32	3296-39	4	Nut-Lock, NI

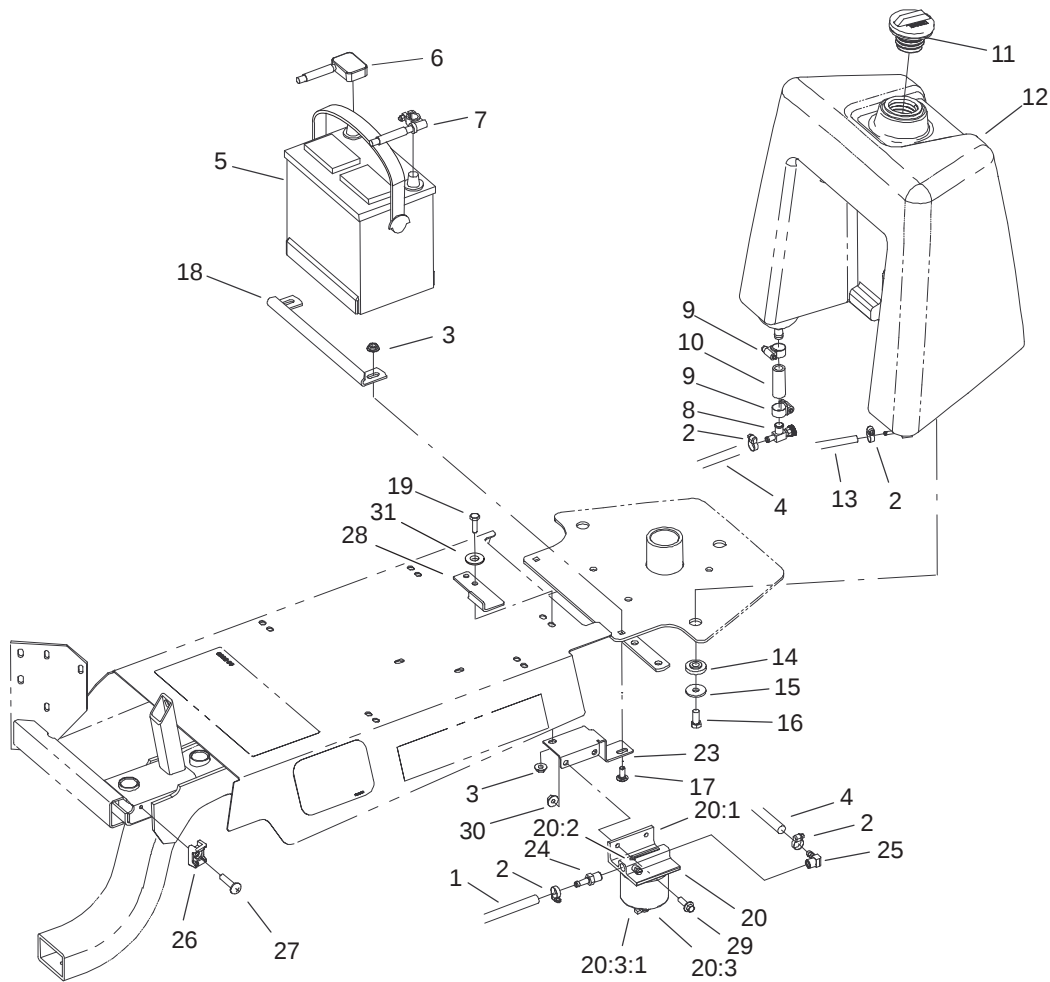


Sheet No.:6

Castor Fork Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
☆1		1	Tire & Wheel ASM	16:1:1	21-0141	1	RH Ball Joint ASM
1:1	94-5028	1	Tire	16:1:2	21-0151	1	LH Ball Joint ASM
1:2	93-6881	1	Rim ASM	16:1:3	3220-12	1	Nut-HJ, LH Thread
1:3	232-27	1	Stem-V Valve	16:1:4	3220-5	1	Nut-Jam
2		1	Hub ASM	16:1:6	61-2070-03	1	Tube-Steering
2:1	241-1 19	1	Cap-Dust				
2:2	242-50	4	Nut-Lug				
2:3	253-129	1	Seal				
2:4	254-94	2	Bearing-Cone, Taper				
2:5	80-6580	1	Hub				
2:6	254-72	2	Bearing-Cup, Tapered				
2:7	10-6830	4	Stud-Type, Drive				
3	104-3966-03	1	2wd Hub ASM				
4	3296-23	4	Nut-Lock, NI				
5	93-6782-01	1	Fork-Wheel, Rear				
6	3274-93	4	Screw-HSH				
7	3220-3	2	Nut-Jam				
8	3255-2	1	Washer-Lock/Ext				
9	75-7730	1	Washer-Thrust				
10	325-6	1	Screw-HH				
11	302-5	1	Fitting-Grease				
12	93-0309	1	Washer-Tab				
13	3220-7	1	Nut-Jam				
14	93-0307	1	Nut-Lock, Retainer				
15	3272-13	1	Pin-Cotter				
☆16		1	Steering Tube ASM				

☆ Not serviced separately

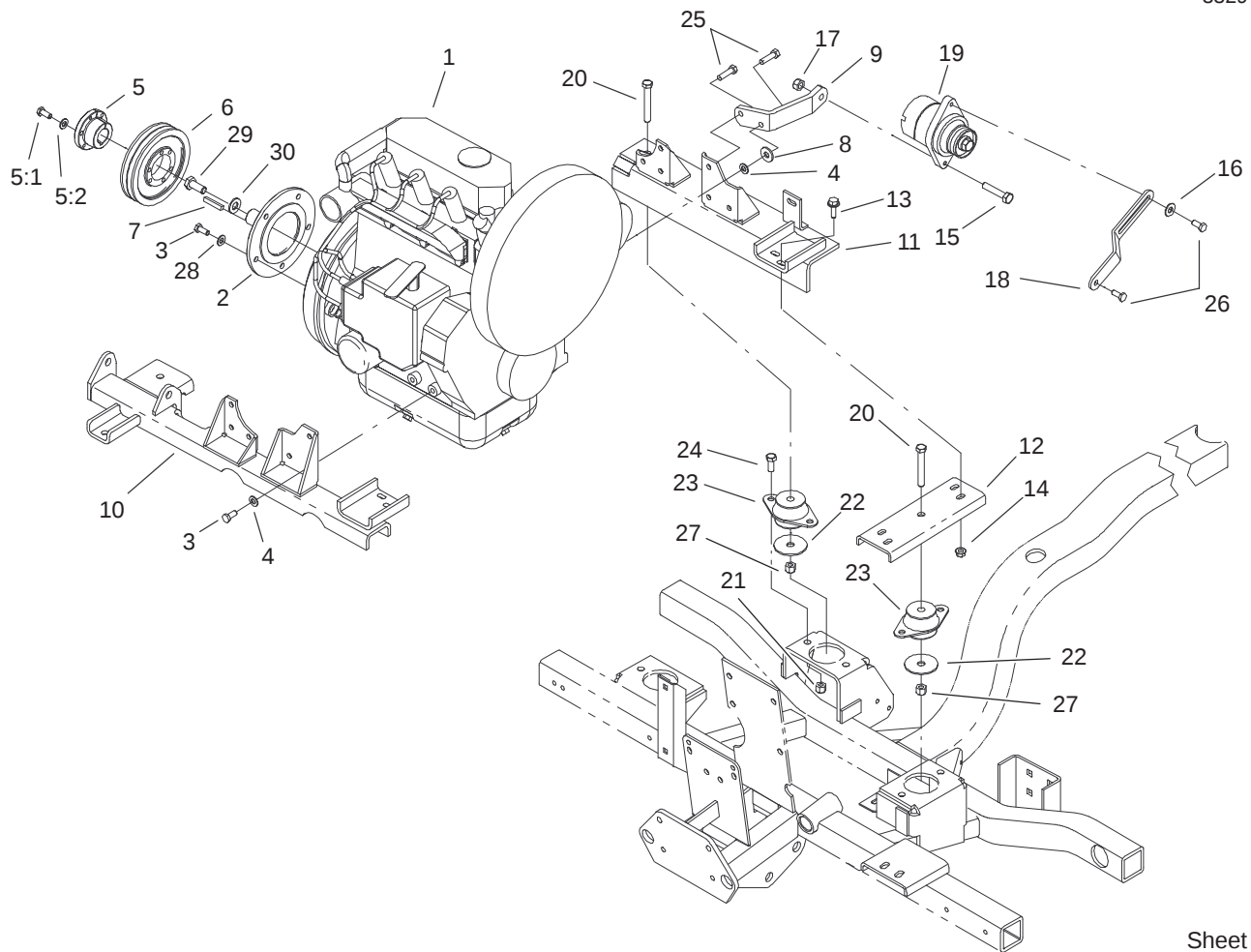


Sheet No.:7

Fuel Tank and Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	93-5483	1	Hose-Fuel
2	2412-108	4	Clamp-W orm
3	32128-44	4	Nut
4	27-5370	1	Hose-Fuel
5	104-9979	1	Battery (Dry)
6	104-4061	1	Cable-Battery , Pos
7	94-5980	1	Cable-Battery , Neg
8	56-2520	1	Fitting-Shut Off, Fuel
9	2412-36	2	Clamp-Hose
10	104-4097	1	Hose ASM
11	93-3102	1	Cap-Fuel
12	83-8720	1	Tank-Fuel
13	104-4070	1	Hose-Fuel
14	240-11	3	Grommet-Mount, Tank
15	63-8410	3	Washer
16	323-5	3	Screw-HH
17	3230-1	2	Bolt-CARR
18	83-9240	1	Bracket-Battery
19	322-5	2	Screw-HH
20	63-7650	1	Separator-Filter/W ater
20:1	63-8280	1	Head ASM
20:2	63-8290	1	Vent-Air
20:3	63-8300	1	Element-Spin-On
20:3:1	63-8310	1	Valve-Drain
23	104-3947-01	1	Bracket-Filter , Fuel

Ref. No.	Part No.	Qty.	Description
24	353-783	1	Fitting
25	353-781	1	Fitting-Elbow
26	3290-509	1	Tie-Mount
27	3274-31	1	Screw-HSBH
28	104-4028-01	1	Bracket-Stop
29	3234-4	2	Screw-HHF
30	32128-33	2	Nut-HF
31	3256-3	1	Washer-Flat

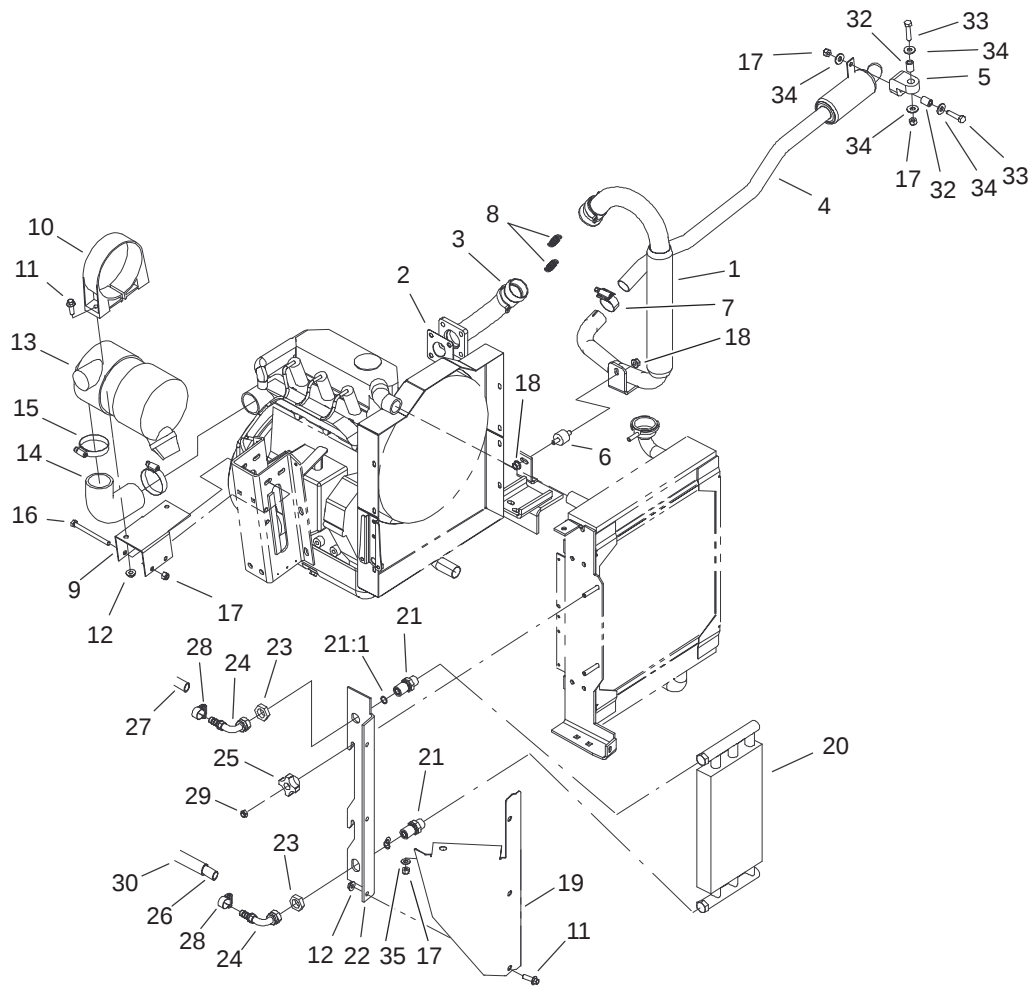


Sheet No.:8

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	104-3855	1	Engine-B/S, Diahatsu
2	104-3860-03	1	Shaft-Stub, Flywheel
3	33114-020	16	Screw-HH
4	3256-23	12	Washer-Flat
5	61-3340	1	Bushing
5:1	100-4208	3	Screw-HH
5:2	100-4209	3	Washer-Lock/Sp
6	100-4207	1	Sheave
7	67-7490	1	Key-Square
8	80-6990	1	Washer-Hardened
9	93-2445	1	Bracket-Alternator , Upper
10	104-3869-03	1	Frame-Engine, Front
11	104-3868-03	1	Frame-Engine, Rear
12	104-3870-03	1	Channel-Engine
13	3234-29	4	Screw-HHF
14	32128-20	4	Nut-HF
15	33115-050	1	Screw-HH
16	3256-3	1	Washer-Flat
17	33025-00	1	Nut-Lock
18	93-2446	1	Bracket-Alternator , Lower
19	99-9209	1	Alternator
20	324-11	3	Screw-HH
21	3296-39	6	Nut-Lock, NI
22	87-5100	3	Washer-Snubbing

Ref. No.	Part No.	Qty.	Description
23	53-9681	3	Mount-Engine
24	323-5	6	Screw-HH
25	33114-030	2	Screw-HH
26	33114-020	2	Screw-HH
27	3296-48	3	Nut-Lock, NI
28	87-8640	5	Washer-Flat
29	3212-2	1	Screw-HH
30	3256-25	1	Washer-Flat

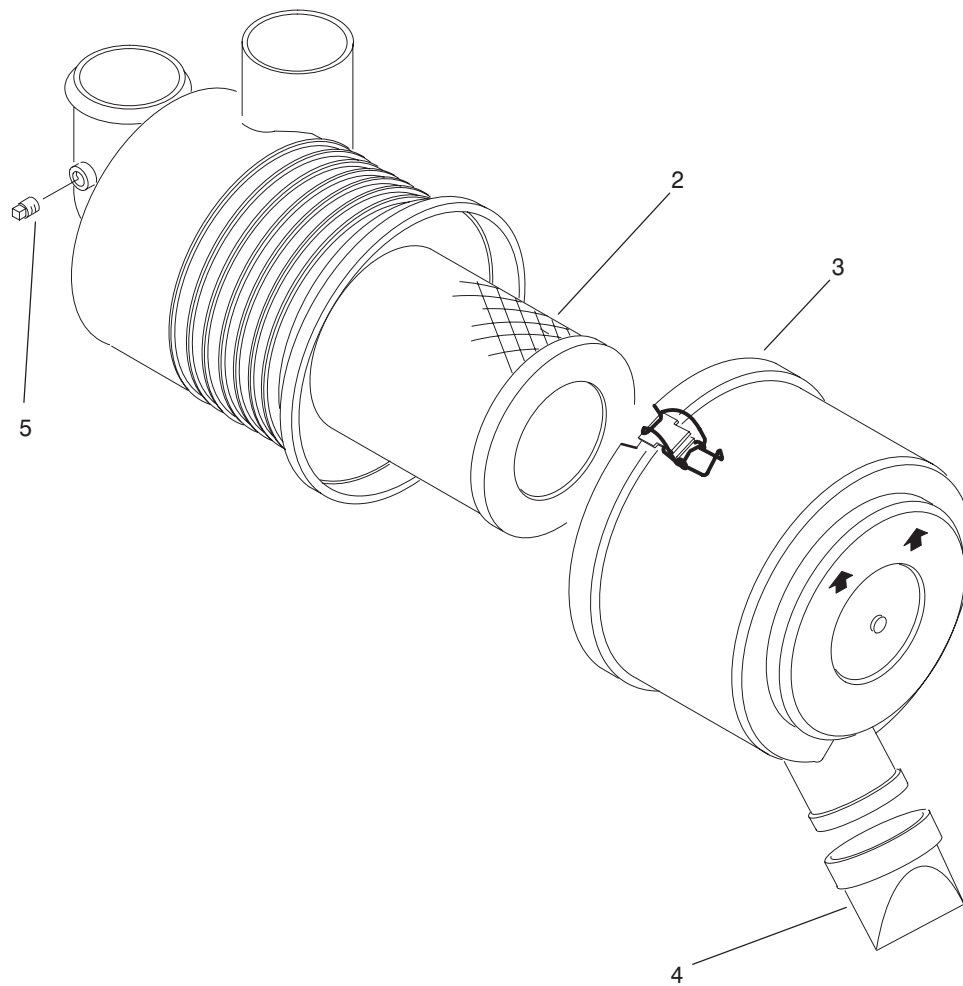


Sheet No.:9

Muffler, Air Cleaner and Oil Cooler Assembly

Ref. No.	Part No.	Qty.	Description
1	104-4034	1	Muffler
2	99-9179	1	Gasket-Exhaust
3	104-4035	1	Header-Muf fler
4	104-4036	1	Tailpipe
5	95-5622	1	Hanger-Rubber
6	104-4038	1	Isolator-Rubber
7	104-4090	1	Clamp-Muf fler
8	104-6478	2	Spring-Coupler , Exhaust
9	104-3884-03	1	Bracket-Cleaner , Air
10	95-5806	1	Bracket-Mounting
11	3234-17	5	Screw-HHF
12	32128-44	5	Nut
13	93-2190	1	Air Cleaner ASM
14	104-3908	1	Hose-Intake, Air
15	2412-130	2	Clamp-Hose
16	322-23	2	Screw-HH
17	3296-29	5	Nut-Lock, NI
18	98-0668	2	Nut
19	83-8210-03	1	Panel-Front, Left
20	93-6932	1	Cooler-Oil
21	83-7970	2	Connector
21:1	237-30	1	O-Ring
22	88-6730-03	1	Bracket-Screen, Front
23	340-127	2	Nut-Bulkhead
24	93-6803	2	Fitting-90 °

Ref. No.	Part No.	Qty.	Description
25	93-7159	2	Handle-Knob
26	104-4004	1	Hose
27	93-6805	1	Hose
28	2412-36	2	Clamp-Hose
29	32153-3	2	Nut-Lock
30	93-6933	1	Sleeve-Protective
32	93-5023	2	Spacer
33	322-7	2	Screw-HH
34	3256-3	4	Washer-Flat
35	3256-23	1	Washer-Flat

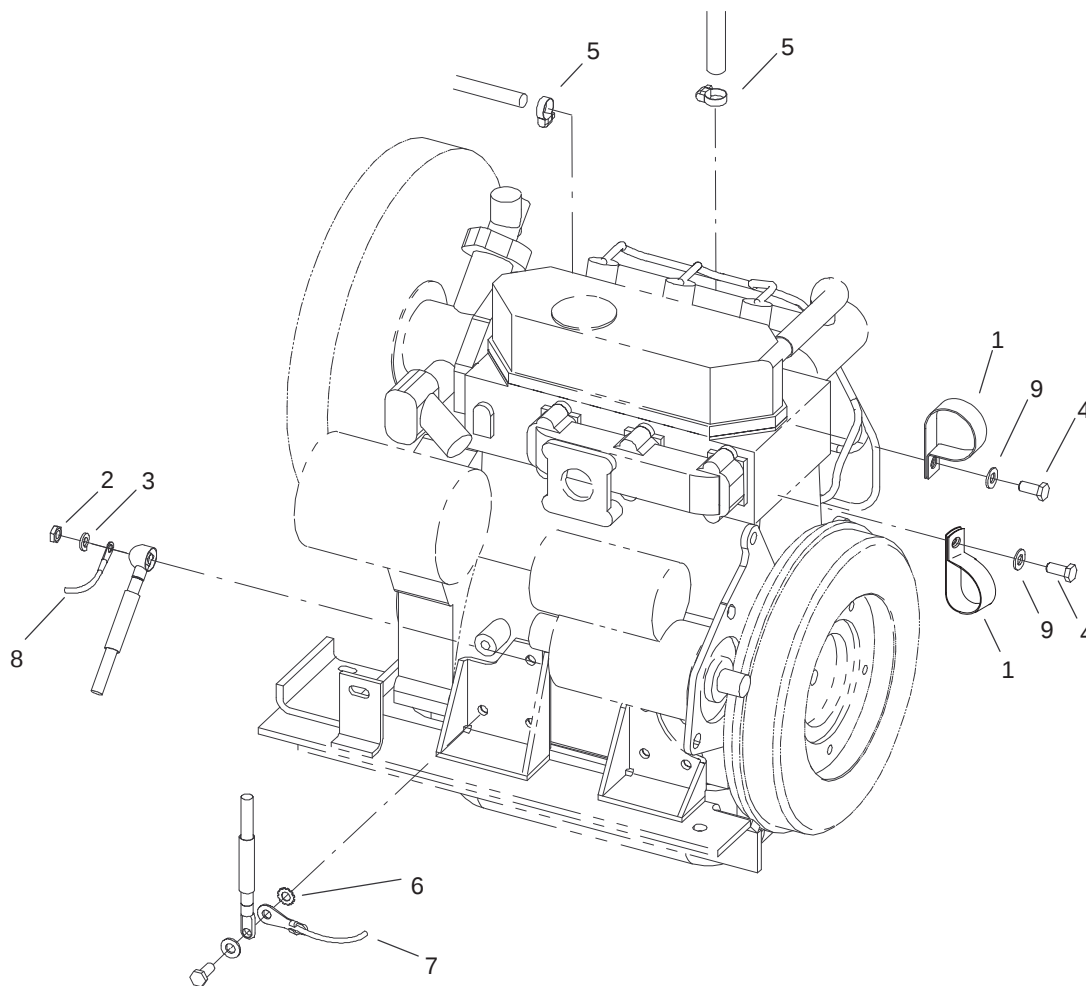


Sheet No.:A2
T-3711

Air Cleaner Assembly No. 93-2190

Ref. No.	Part No.	Qty.	Description
2	93-2195	1	Filter
3	94-3652	1	Cover ASM
4	94-1414	1	Valve-Vacuator
5	285-17	1	Plug-Pipe

Ref. No.	Part No.	Qty.	Description



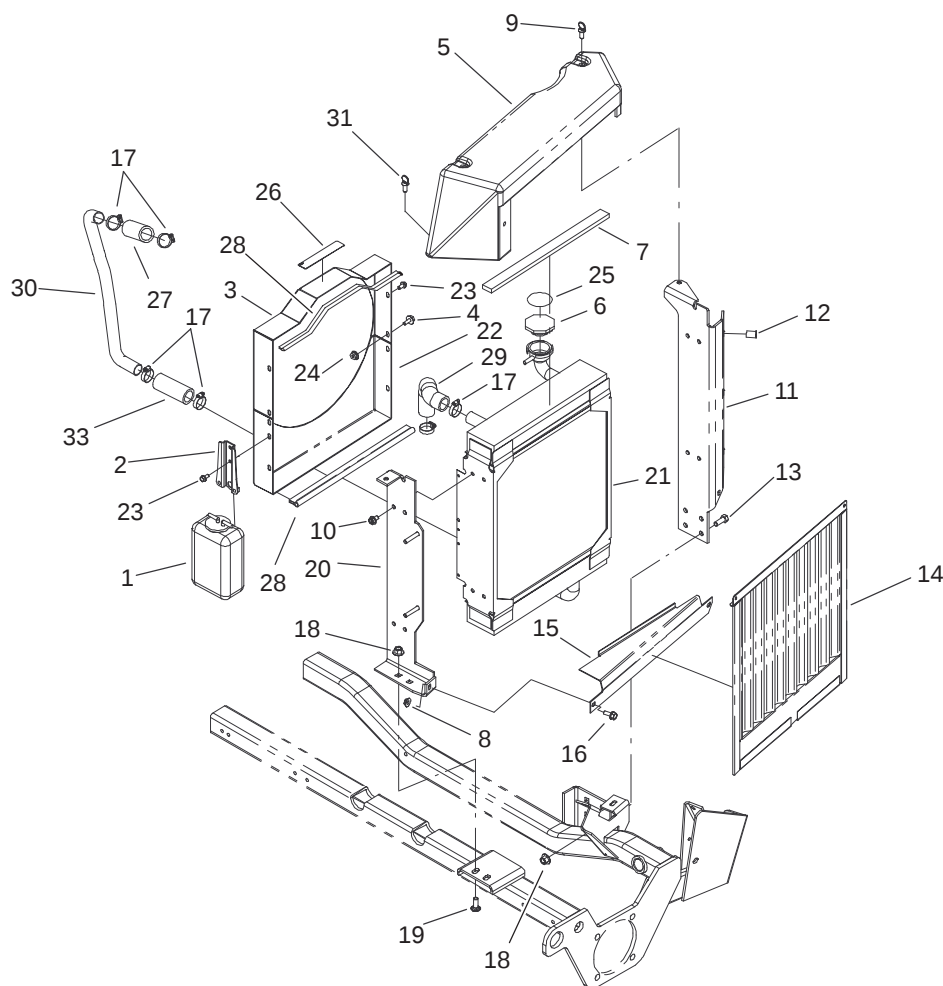
Sheet No.:10

Engine Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	2412-96	2	Clamp-R
2	57-6390	1	Nut-Jam
3	42-9850	1	Washer-Lock, Spring
4	33114-016	2	Screw-HH
5	2412-108	2	Clamp-W orm
6	3255-8	1	Washer-Lock
7	104-3986	1	Harness-Wire, Engine
*7:1	100-4918	1	Diode
8	99-3441	1	Harness-Wire, Fusible Link
9	3256-23	2	Washer-Flat

Ref. No.	Part No.	Qty.	Description

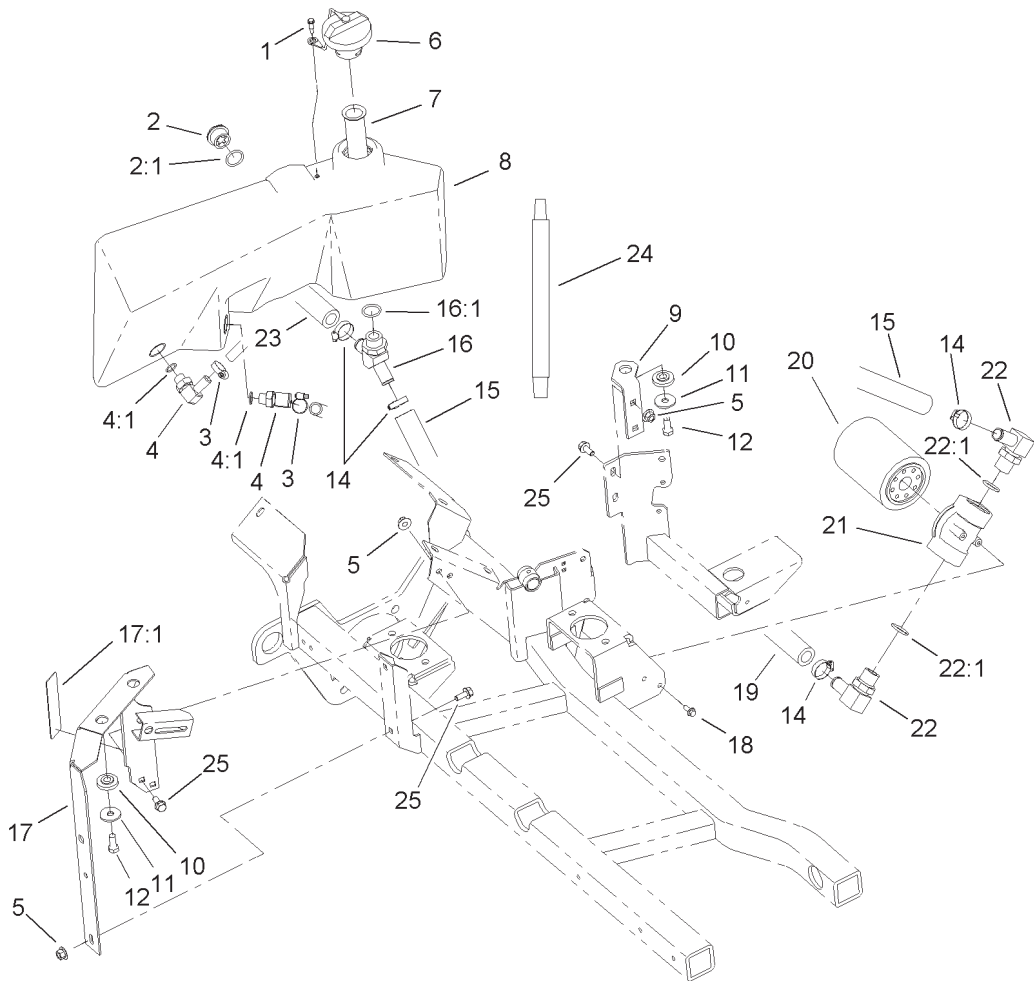
* Not illustrated



Sheet No.:11

Radiator Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	104-3930	1	Tank-Radiator , Surge	23	32104-116	7	Screw
2	104-3931	1	Mounting-Tank, Surge	24	32128-33	2	Nut-HF
3	104-3944-03	1	Shroud-Radiator , Top	25	106-5976	1	Decal
4	3234-4	2	Screw-HHF	26	93-7272	1	Decal-Warning
5	83-8040	1	Cover-Left	27	104-3912	1	Hose-Radiator
6	66-3240	1	Cap-Radiator	28	104-4029	2	Seal-Bulb
7	83-9030	1	Foam-Top	29	104-3911	1	Hose-Radiator , Top
8	32128-44	3	Nut	30	104-3914-03	1	Tube-Radiator
9	104-4000	2	Screw-Thumb	31	3234-17	1	Screw-HHF
10	3234-28	8	Screw-HHF	33	104-4068	1	Hose-Radiator
11	104-4006-03	1	Rear Radiator Bracket ASM				
12	32148-8	3	Insert-Threaded				
13	323-6	4	Screw-HH				
14	83-8150-03	1	Screen ASM				
15	83-8070-03	1	Shield-Radiator , Bottom				
16	3234-5	2	Screw				
17	2412-34	6	Clamp-Hose				
18	32128-43	6	Nut-Flange				
19	3231-22	2	Screw-CARR				
20	104-4008-03	1	Front Radiator Bracket ASM				
21	104-3861	1	Radiator ASM				
22	104-3945-03	1	Shroud-Radiator , Bottom				

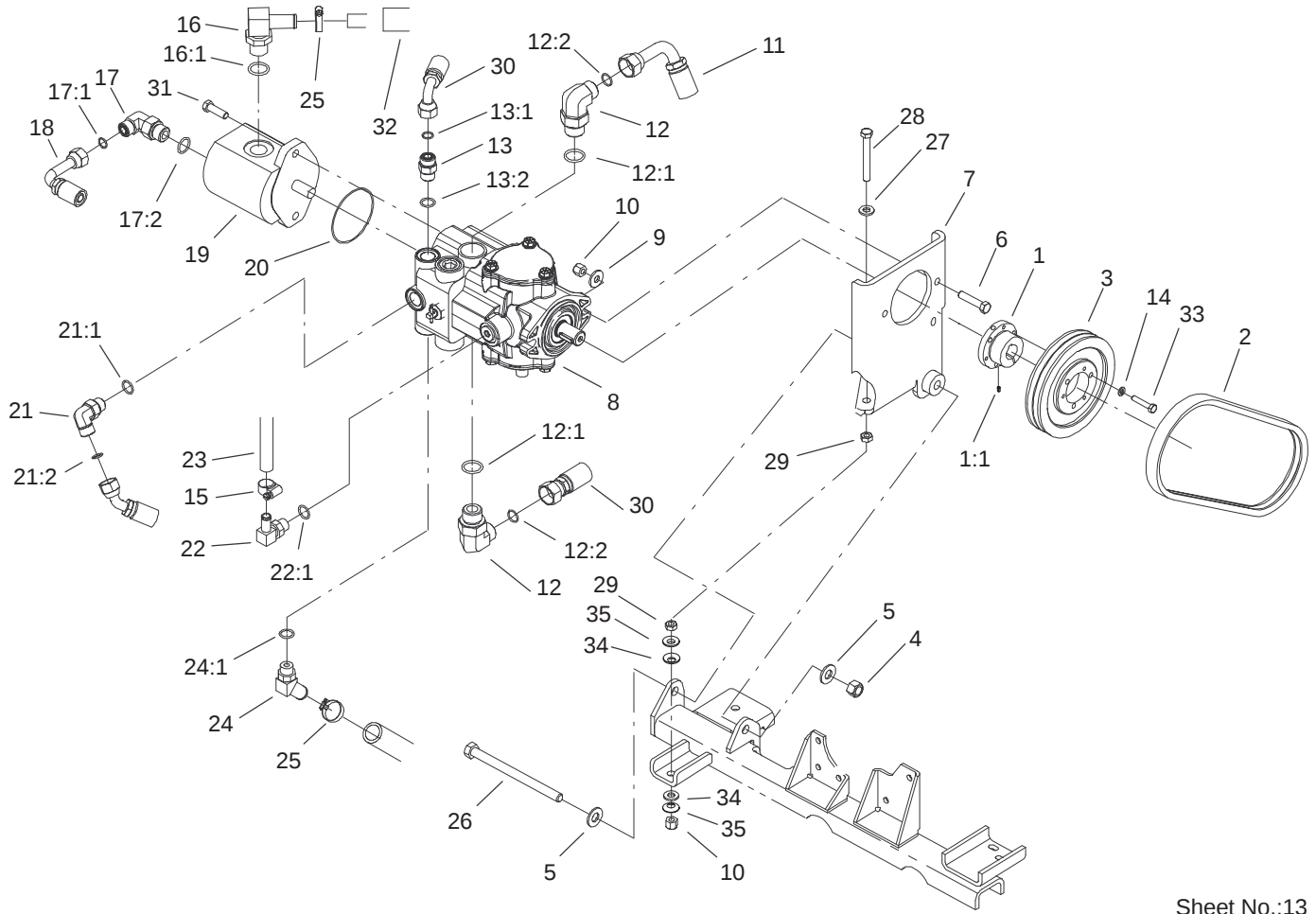


Sheet No.:12

Hydraulic Tank and Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	57-5420	1	Screw-Shoulder
2	69-1 170	1	Glass-Sight
2:1	237-81	1	O-Ring
3	2412-36	2	Clamp-Hose
4	106-8108	2	Fitting-HYD, 90°
4:1	237-65	1	O-Ring
5	32128-44	5	Nut
6	93-7160	1	Cap-Oil, HYD
7	61-2790	1	Filter-Screen
8	106-81 10	1	Tank-HYD
9	83-9920	1	Bracket-T ank, HYD
10	240-1 1	3	Grommet-Mount, Tank
11	63-8410	3	Washer
12	323-5	3	Screw-HH
14	2412-34	4	Clamp-Hose
15	104-4089	1	Hose-Suction
16	93-6794	1	Fitting-45 °
16:1	237-81	1	O-Ring
17	104-3980	1	U-Bracket ASM
17:1	67-5360	1	Decal-Danger
18	3234-33	2	Screw-HHF
19	104-401 1	1	Hose-Suction
20	54-01 10	1	Filter-Oil, Transmission
21	68-8990	1	Filter Head ASM

Ref. No.	Part No.	Qty.	Description
22	353-987	2	Fitting-HYD, 90°
22:1	237-81	1	O-Ring
23	93-6857	1	Hose-Suction
24	88-9220	1	Plug-Reservior
25	3234-5	5	Screw

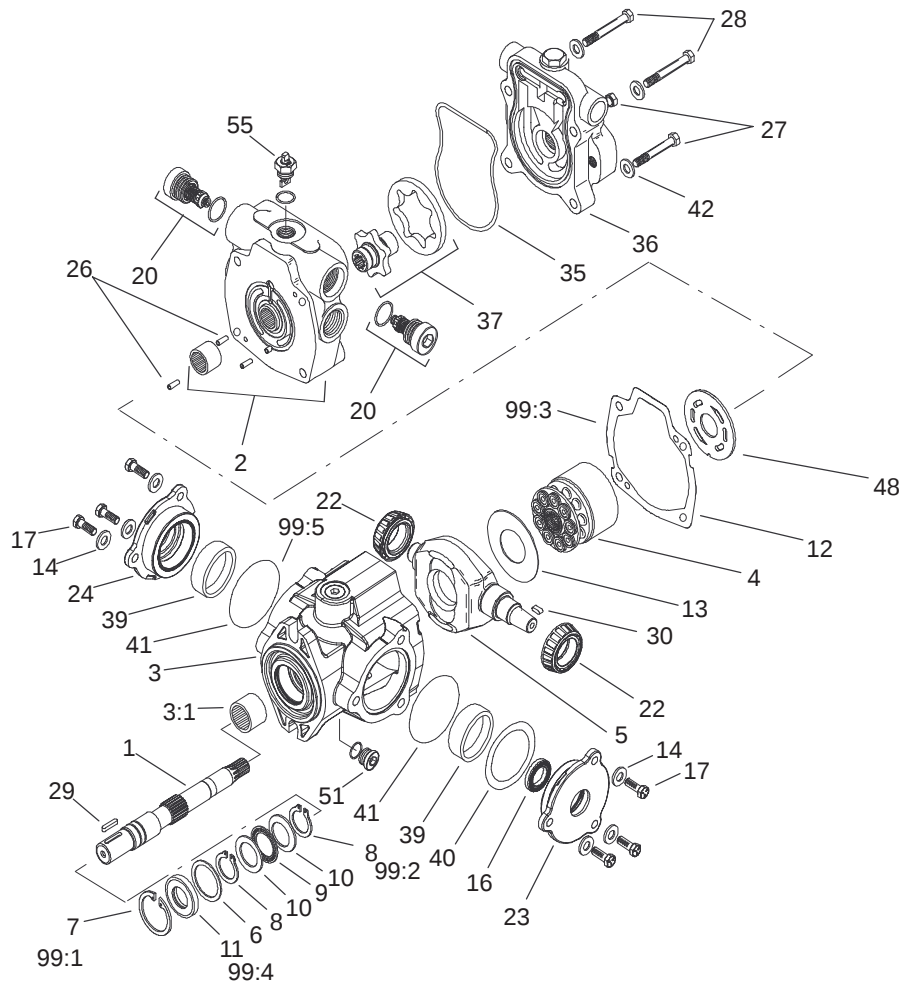


Sheet No.:13

Hydraulic Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	93-6842	1	Bushing-Lock, Taper
1:1	3245-36	1	Screw-HSH
2	93-6840	1	V-Belt
3	93-6841	1	Pulley
4	3296-23	1	Nut-Lock, NI
5	87-7270	2	Washer-Thrust
6	323-9	2	Screw-HH
7	104-3898-03	1	Pump Support ASM
8	104-3874	1	Pump-Piston, HYD
9	80-6990	2	Washer-Hardened
10	3296-39	3	Nut-Lock, NI
11	104-3999	1	Hose ASM
12	340-139	2	Fitting-HYD, 90°
12:1	237-81	1	O-Ring
12:2	237-65	1	O-Ring
13	340-4	1	Adapter
13:1	237-30	1	O-Ring
13:2	237-79	1	O-Ring
14	3253-3	3	Washer-Lock
15	2412-36	1	Clamp-Hose
16	353-987	1	Fitting-HYD, 90°
16:1	237-81	1	O-Ring
17	340-105	1	Fitting-HYD, 90°
17:1	237-80	1	O-Ring
17:2	237-30	1	O-Ring
18	104-4003	1	Hose ASM

Ref. No.	Part No.	Qty.	Description
19	99-6131	1	Pump-Drive, Reel
20	353-949	1	O-Ring
21	340-98	1	Fitting-HYD, 90°
21:1	237-79	1	O-Ring
21:2	237-30	1	O-Ring
22	93-6795	1	Fitting-90 °
22:1	237-79	1	O-Ring
23	104-4059	1	Hose-Return
24	93-6848	1	Fitting-HYD
24:1	237-79	1	O-Ring
25	2412-34	2	Clamp-Hose
26	325-33	1	Screw-HH
27	100-4852	1	Washer-Hardened
28	323-49	1	Bolt-TAP
29	3217-7	2	Nut-Hex
30	104-3998	1	Hose ASM
31	323-7	2	Screw-HH
32	94-3688	1	Sleeve-Protective
33	321-13	3	Screw-HH
34	104-4067	2	Washer
35	104-4066	2	Washer

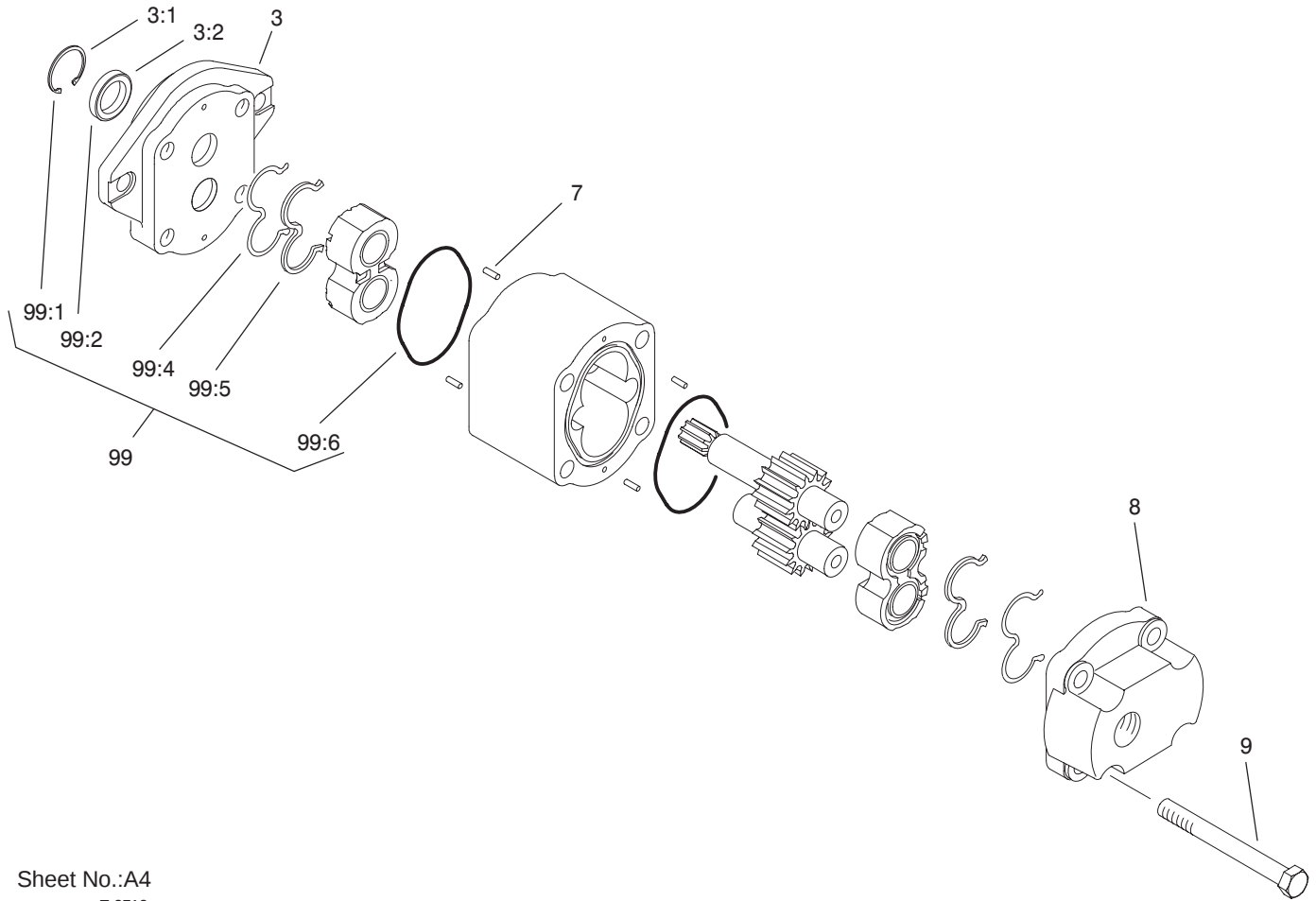


Sheet No.:A3

Hydraulic Piston Pump Assembly No. 104-3874

Ref. No.	Part No.	Qty.	Description
1	94-3642	1	Shaft-Drive
2	104-4047	1	Endcover
3	100-3176	1	Housing ASM
3:1	94-6363	1	Bearing
4	76-6070	1	Rotating Kit
5	100-3175	1	Camplate
6	33-3720	1	Washer
7	93-6390	1	Ring-Snap
8	32151-29	2	Ring-Retaining
9	252-66	1	Bearing-Thrust
10	252-71	2	Washer-Thrust
11	104-4861	1	Seal-Shaft
12	33-4930	1	Gasket-Housing
13	98-4635	1	Insert-Plate, Cam
14	105-9762	6	Washer
16	76-6190	1	Seal-Shaft
17	98-4640	6	Screw-Cap
20	105-3812	2	Valve-Check
22	98-4639	2	Bearing-Cone
23	98-4645	1	Plate-Cover
24	98-4644	1	Plate-Cover
26	76-6150	2	Pin-Dowel
27	104-4042	2	Screw-Cap
28	104-4043	2	Screw-Cap
29	94-3645	1	Key
30	94-3646	1	Key

Ref. No.	Part No.	Qty.	Description
35	104-4044	1	O-Ring
36	104-4045	1	Charge Pump Adapter ASM
37	94-3648	1	Gerotor & Coupler ASM
39	104-4046	2	Bearing-Cup
40	100-3182	2	Shim Kit
41	100-3179	2	O-Ring
42	104-4048	4	Washer
48	104-4049	1	Plate-Valve
51	74-9280	1	Plug ASM
55	105-3811	1	Valve-Bypass
99	104-4868	1	Seal Repair Kit
99:1	32151-13	1	Ring-Retaining
99:2	32151-29	1	Ring-Retaining
99:3	33-4930	1	Gasket-Housing
99:4	104-4861	1	Seal-Shaft
99:5	100-3179	1	O-Ring

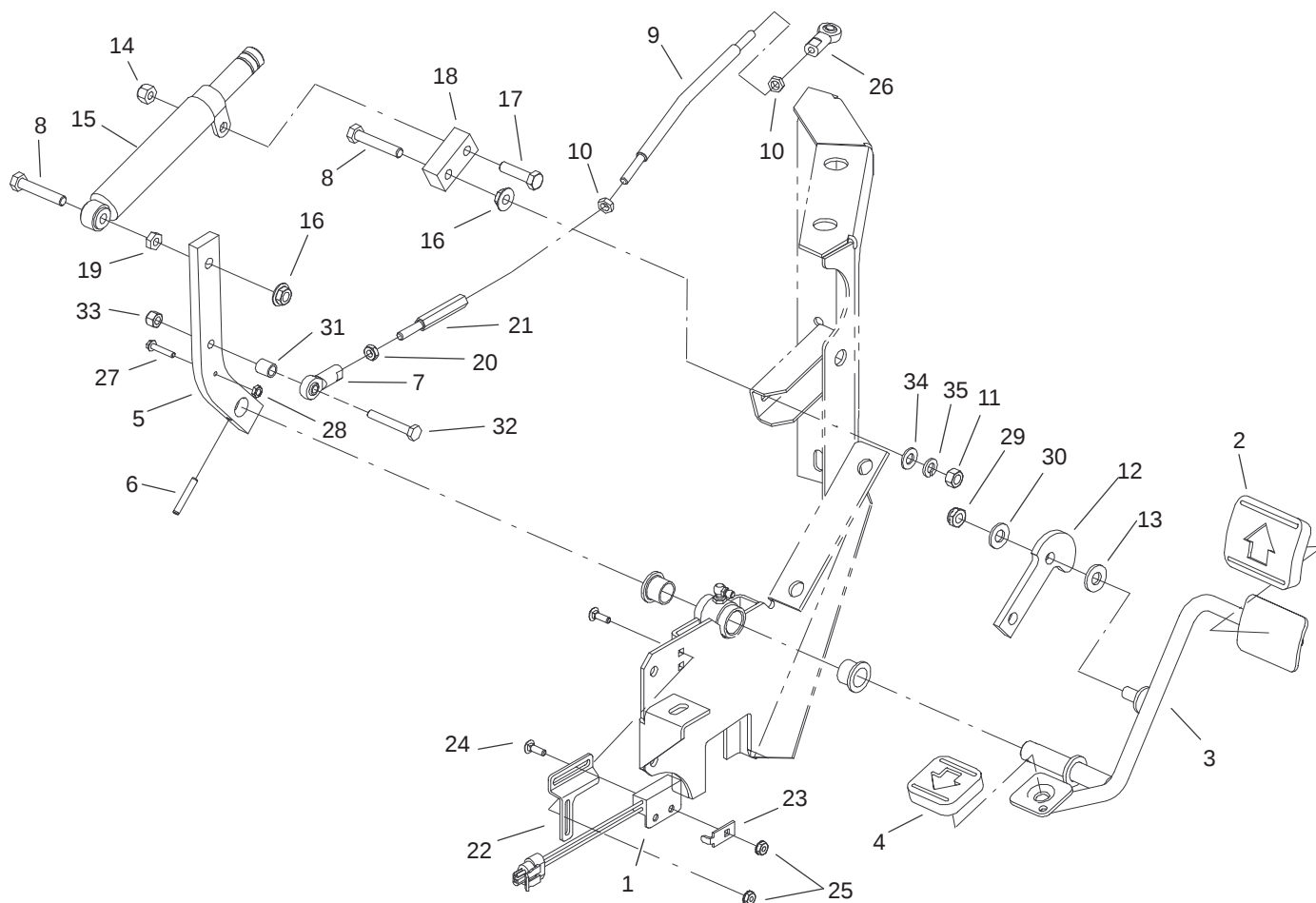


Sheet No.:A4
T-3713

Reel Drive Pump Assembly No. 99-6131

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
3	94-3624	1	Flange Kit				
☆3:1		1	Ring-Retaining				
☆3:2		2	Seal-Shaft				
7	94-3625	4	Pin-Dowel				
8	94-3626	1	Cover-End				
9	94-3639	4	Screw-HH				
99	99-6132	1	Seal Kit				
☆99:1		1	Ring-Retaining				
☆99:2		2	Seal-Shaft				
☆99:4		2	Seal-E				
☆99:5		2	Ring-Backup				
☆99:6		2	O-Ring				

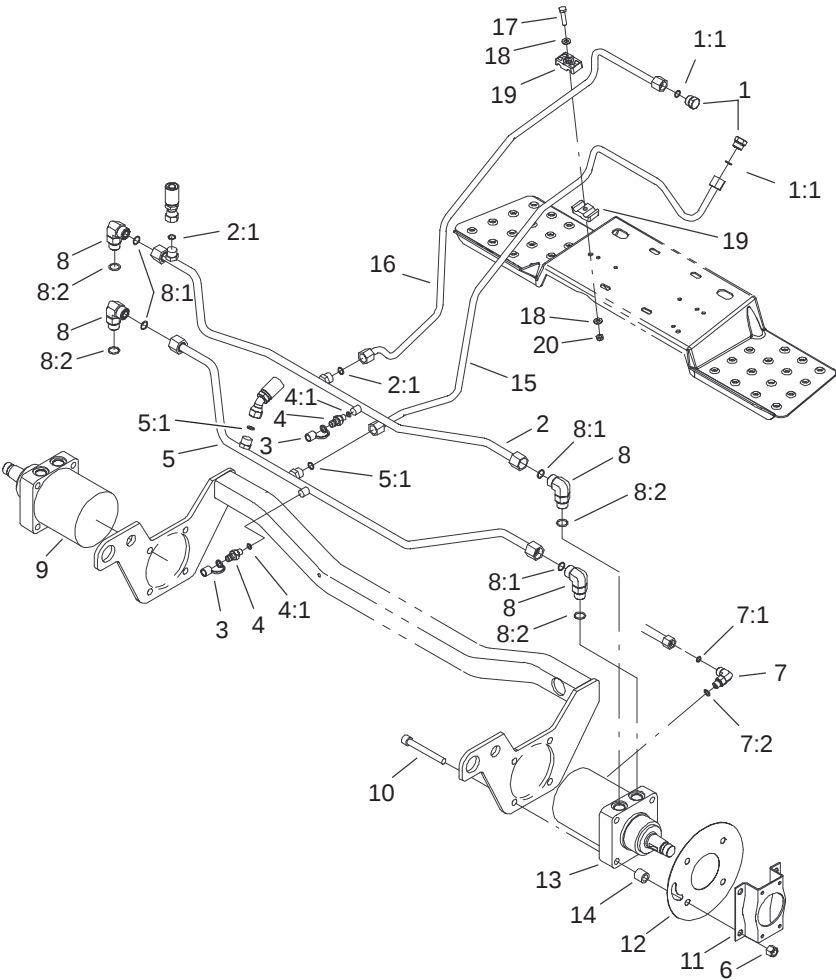
☆ Not serviced separately



Sheet No.:15

Traction Control Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	105-0023	1	Switch-Proximity	27	32105-29	1	Screw-SHWH
2	74-9100	1	Pad-Pedal, Forward	28	32149-9	1	Nut
3	104-3938-03	1	Traction Pedal ASM	29	3296-59	1	Nut-Lock, NI
4	74-9110	1	Pad-Pedal, Reverse	30	3256-24	1	Washer-Flat
5	104-3939	1	Arm-Traction	31	93-6859	1	Spacer
6	32121-6	1	Pin-Roll	32	321-10	1	Screw-HH
7	104-4013	1	Joint-Ball, LH	33	3296-42	1	Nut-Lock, NI
8	322-9	2	Screw-HH	34	3256-23	1	Washer-Flat
9	104-3977	1	Rod-Control, Pump	35	3253-4	1	Washer-Lock
10	3220-1	2	Nut-Jam				
11	3217-6	1	Nut-Hex				
12	74-6110	1	Stop-Traction				
13	66-2920	1	Washer-Friction				
14	3296-29	1	Nut-Lock, NI				
15	76-8870	1	Lever Damper ASM				
16	32128-44	2	Nut				
17	322-6	1	Screw-HH				
18	76-9760	1	Damper-Pivot				
19	3218-2	1	Nut-Jam				
20	104-3941	1	Nut-Jam				
21	104-3978	1	Nut-Rod				
22	104-3979	1	Bracket-Switch				
23	100-4872	1	Plate-Switch, Neutral				
24	3229-34	3	Bolt-CARR				
25	32149-7	3	Nut-Keps				
26	2411-41	1	Joint-Ball				

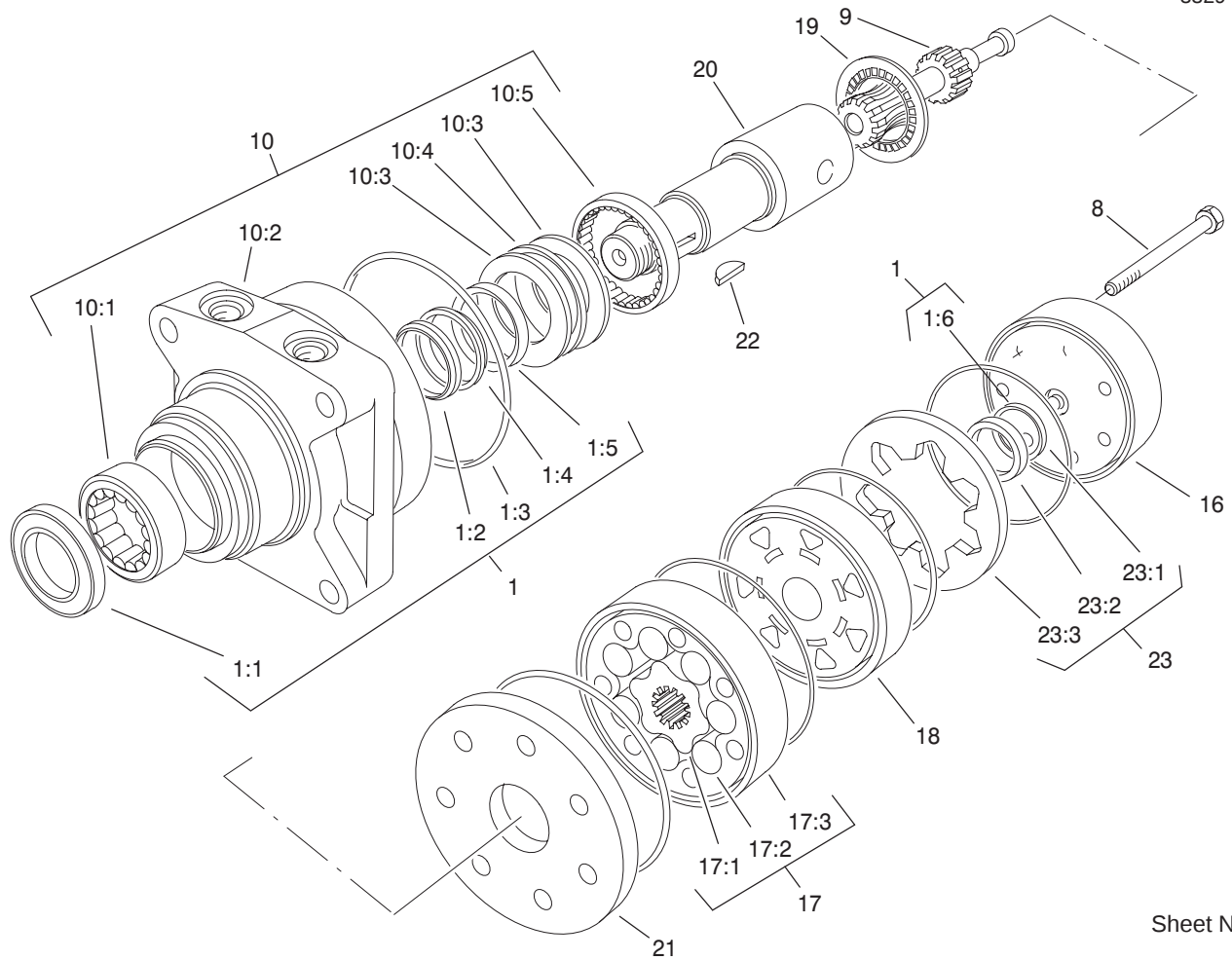


Sheet No.:16

Hydraulic Motor Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	106-8100	2	Plug-HYD
1:1	237-79	1	O-Ring
2	104-3984	1	Front Tube ASM
2:1	237-30	2	O-Ring
3	354-79	2	Cap-Dust
4	354-77	2	Fitting-Quick
4:1	237-78	1	O-Ring
5	104-3983	1	Rear Tube ASM
5:1	237-30	2	O-Ring
6	3296-23	8	Nut-Lock, NI
7	340-77	1	Fitting-HYD, 90°
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-17	4	Fitting-HYD, 90°
8:1	237-65	1	O-Ring
8:2	237-80	1	O-Ring
9	75-9990	1	HYD Motor ASM
10	3274-99	8	Screw-HSH
11	84-2000-03	2	Bracket-Brake
12	93-6905-03	2	Shield-Wheel
13	93-6888	1	Motor-Wheel
14	94-5135	8	Spacer
15	104-3952	1	Forward Tube ASM
16	104-3953	1	Reverse Tube ASM
17	322-10	1	Screw-HH
18	3256-23	2	Washer-Flat

Ref. No.	Part No.	Qty.	Description
19	56-7976	2	Clamp-T ube
20	3296-29	1	Nut-Lock, NI

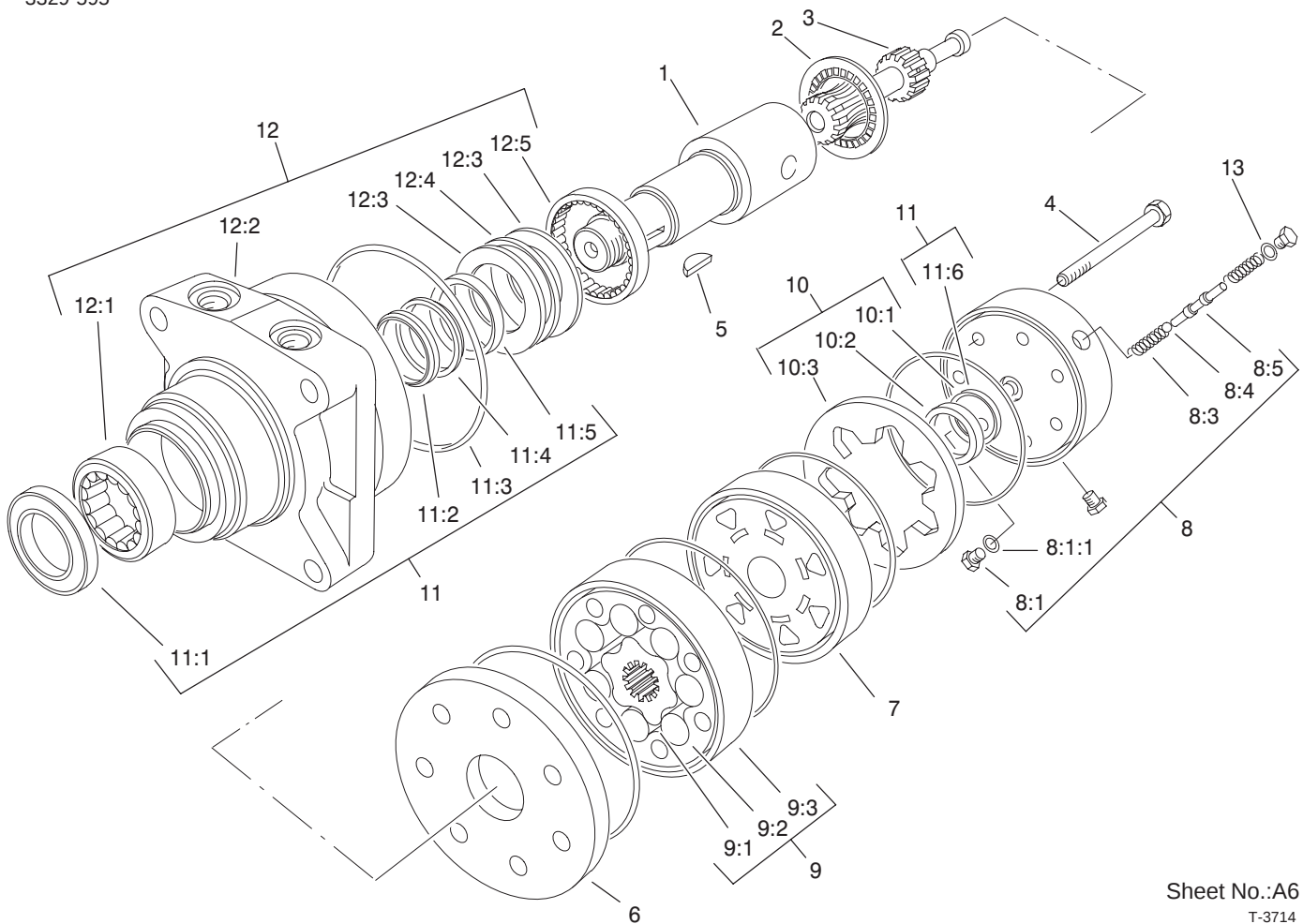


Sheet No.:A5
T-3824

Hydraulic Motor Assembly No. 75-9990

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	76-0800	1	Seal Kit	☆23:1		1	Seal-Commutator
☆1:1		1	Seal-Dirt & Water	☆23:2		1	Commutator
☆1:2		1	Washer-Back-Up	☆23:3		1	Ring-Commutator
☆1:3		5	Ring-Seal				
☆1:4		1	Washer-Back-Up				
☆1:5		1	Seal-Inner				
☆1:6		1	Seal-Commutator				
8	76-1010	7	Screw				
9	76-0960	1	Link-Drive				
10	76-0810	1	Housing ASM				
☆10:1		1	Bearing				
☆10:2		1	Housing				
☆10:3		2	Washer-Thrust				
☆10:4		1	Bearing-Thrust				
☆10:5		1	Bearing				
16	76-0940	1	End Cover ASM				
17	76-0970	1	Set-Rotor				
☆17:1		1	Rotor				
☆17:2		7	Vane				
☆17:3		1	Stator				
18	76-0840	1	Manifold				
19	76-0850	1	Bearing-Thrust				
20	76-0860	1	Shaft-Coupling				
21	76-0870	1	Plate-W ear				
22	3257-42	1	Key-W oodruff				
23	76-0880	1	Commutator ASM				

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Sheet No.:A6

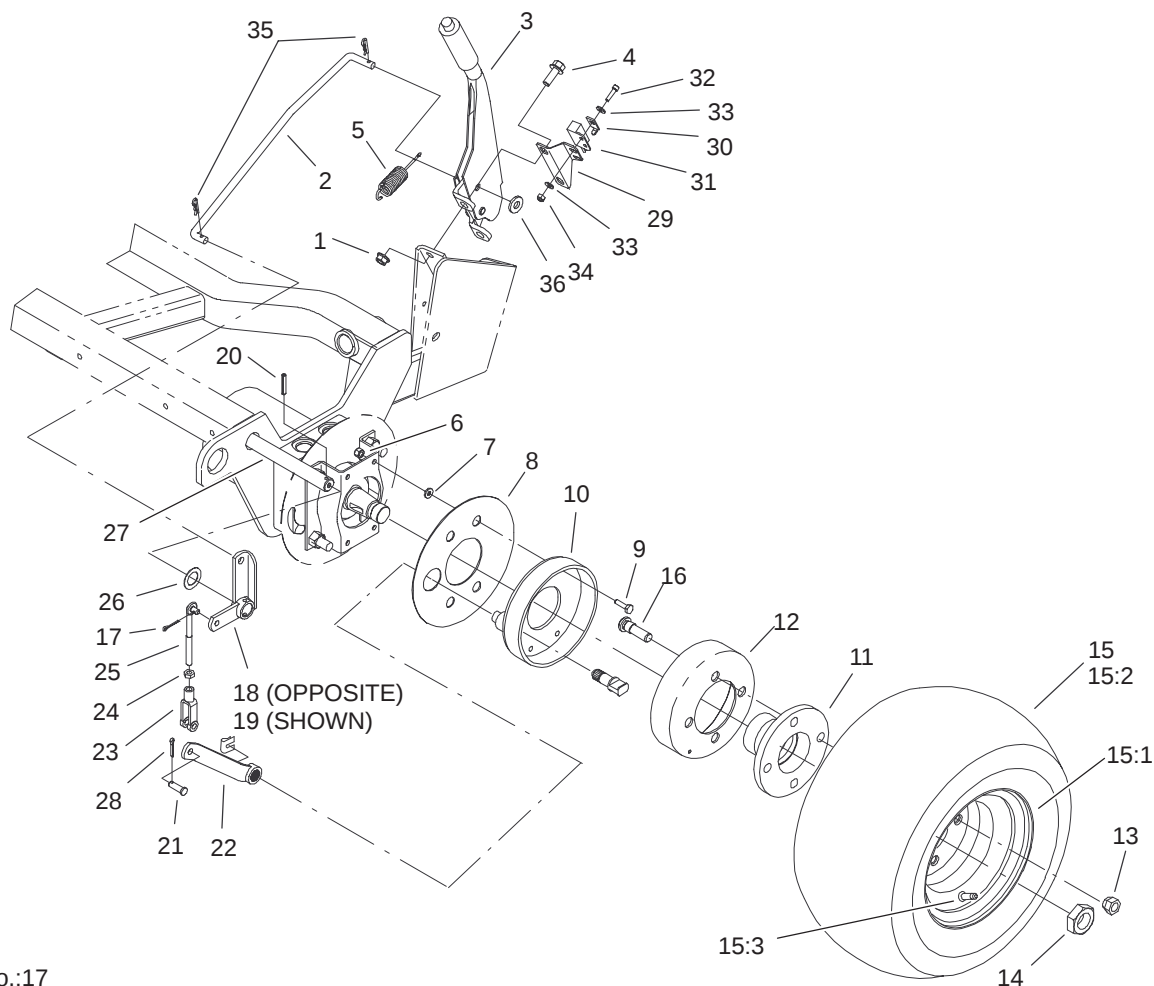
T-3714

Wheel Motor Assembly No. 93-6888

Ref. No.	Part No.	Qty.	Description
1	76-0860	1	Shaft-Coupling
2	76-0850	1	Bearing-Thrust
3	76-0960	1	Link-Drive
4	94-3662	7	Screw-Cap, HH
5	3257-42	1	Key-Woodruff
6	76-0870	2	Plate-Wear
7	76-0840	1	Manifold
8	76-0890	1	End Cover ASM
8:1	353-990	2	Plug
8:1:1	237-78	1	O-Ring
☆8:3		2	Spring
☆8:4		1	Ball
☆8:5		1	Valve-Shuttle
9	76-0970	1	Set-Rotor
☆9:1		1	Rotor
☆9:2		7	Vane
☆9:3		1	Stator
10	76-0880	1	Commutator ASM
☆10:1		1	Seal-Commutator
☆10:2		1	Commutator
☆10:3		1	Ring-Commutator
11	76-0800	1	Seal Kit
☆11:1		1	Seal-Dirt & Water
☆11:2		1	Washer-Back-Up
☆11:3		5	Ring-Seal
☆11:4		1	Washer-Back-Up

Ref. No.	Part No.	Qty.	Description
☆11:5		1	Seal-Inner
☆11:6		1	Seal-Commutator
12	76-0810	1	Housing ASM
☆12:1		1	Bearing
☆12:2		1	Housing
☆12:3		2	Washer-Thrust
☆12:4		1	Bearing-Thrust
☆12:5		1	Bearing
13	237-78	2	O-Ring

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Sheet No.:17

Front Wheel and Brake Assembly

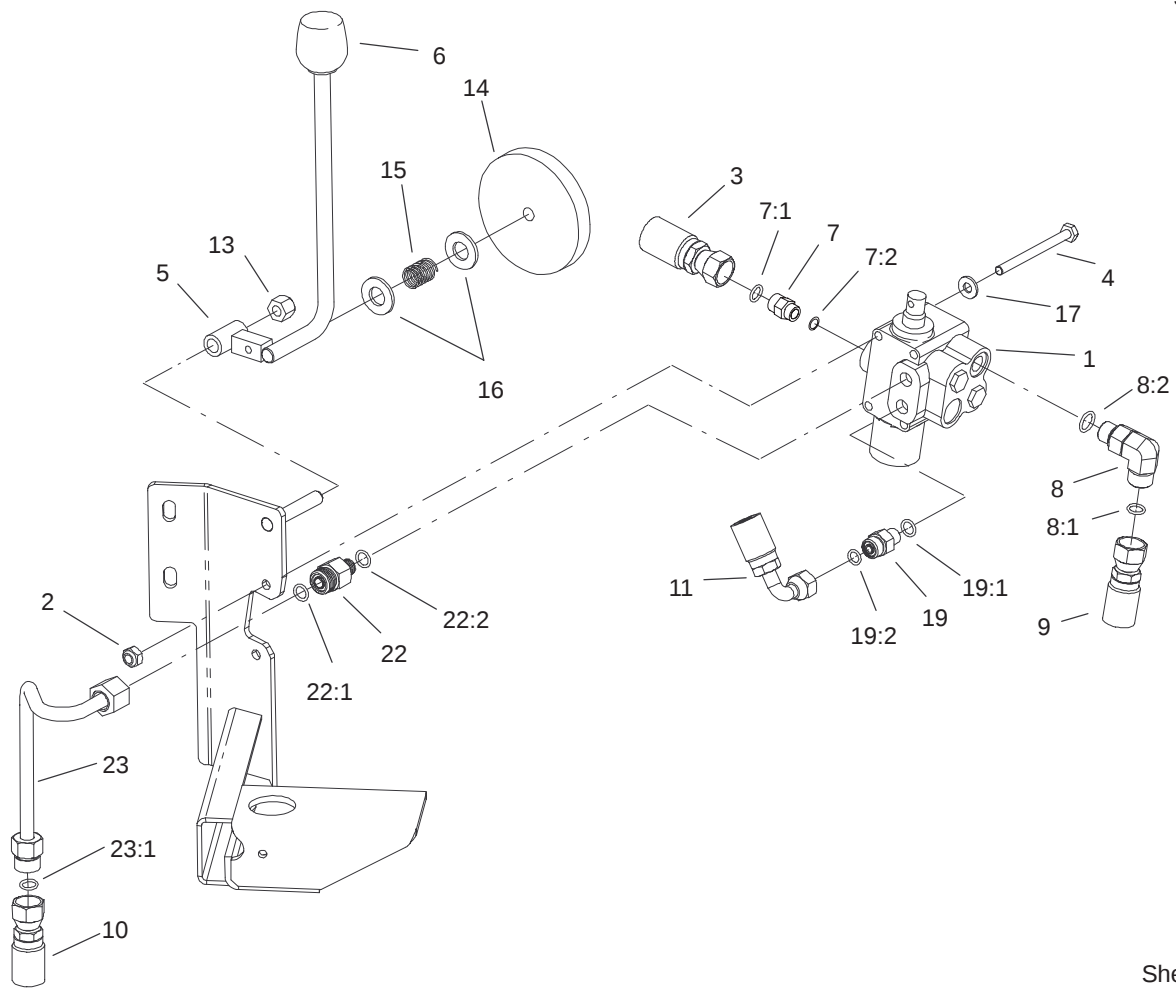
Ref. No.	Part No.	Qty.	Description
1	3290-357	2	Nut-HHF
2	104-3907	1	Rod-Brake
3	104-3903	1	Lever-Brake, Parking
4	3234-11	2	Screw-HHF
5	104-4010	1	Spring-Extension
6	3296-42	8	Nut-Lock, NI
7	3256-16	8	Washer-Flat
8	83-9340	2	Shield-Brake, Grass
9	321-5	8	Screw-HH
10	104-7705	2	Brake ASM
11	93-6838-03	2	Hub-Wheel
12	10-6850	2	Drum-Brake
13	242-50	8	Nut-Lug
14	26-3790	2	Nut-Lock
★15		2	Front Tire/Wheel ASM
15:1	93-6881	1	Rim ASM
15:2	99-4506	1	Tire-Mate, Turf
15:3	232-27	1	Stem-V valve
16	85-6540	8	Stud-Drive
17	3272-6	2	Pin-Cotter
18	83-9310	1	RH Brake Lever ASM
19	104-3928	1	LH Brake Lever ASM
20	32121-6	2	Pin-Roll
21	283-1	2	Pin-Clevis
22	93-6850	2	Lever-Brake
23	282-2	2	Yoke

Ref. No.	Part No.	Qty.	Description
24	3220-2	2	Nut
25	84-1990	2	Rod-Adjusting
26	3-6498	2	Washer-Thrust
27	83-9330	1	Shaft-Brake
28	3272-10	2	Pin-Cotter
29	104-4052-03	1	Bracket-Switch, Brake
30	100-4872	1	Plate-Switch, Neutral
31	100-1270	1	Switch-Proximity
32	3274-14	1	Screw-HSH
33	3256-14	2	Washer-Flat
34	3296-2	1	Nut-Lock
35	3290-307	2	Pin-Hair
36	3256-24	3	Washer-Flat

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Brake Assembly No. 104-7705

Ref. No.	Part No.	Qty.	Description

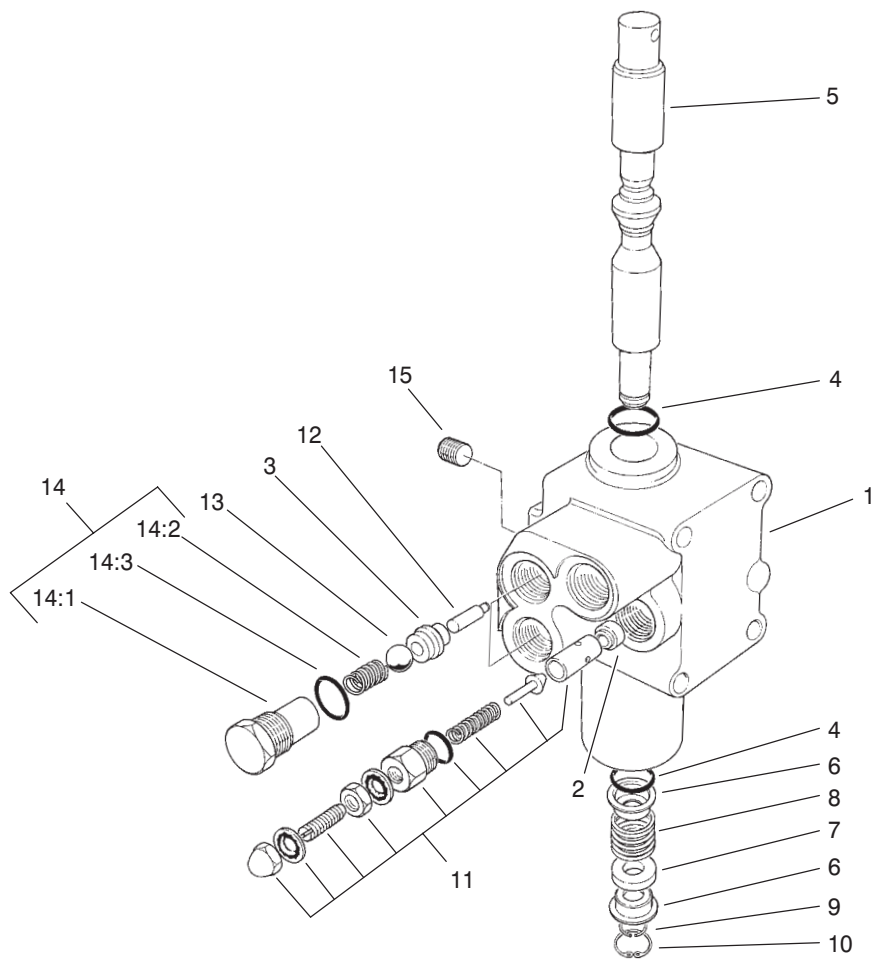


Sheet No.:18

Hydraulic Valve Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	104-4092	1	Valve-Lift
2	3296-16	2	Nut-Lock, NI
3	104-5163	1	Hose ASM
4	321-23	2	Screw-HH
5	85-5160-03	1	Lever-Valve
6	233-37	1	Knob
7	340-2	1	Fitting-HYD, Straight
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-77	1	Fitting-HYD, 90°
8:1	237-22	1	O-Ring
8:2	237-42	1	O-Ring
9	104-5162	1	Hose ASM
10	104-4001	1	Hose ASM
11	104-4083	1	Hose ASM
13	3296-39	1	Nut-Lock, NI
14	94-51 19	1	Sponge
15	65-9940	1	Spring
16	3256-26	2	Washer-Flat
17	3256-22	2	Washer-Flat
19	340-92	1	Fitting-HYD, Straight
19:1	237-78	1	O-Ring
19:2	237-21	1	O-Ring
22	340-88	1	Adapter
22:1	237-22	1	O-Ring
22:2	237-78	1	O-Ring

Ref. No.	Part No.	Qty.	Description
23	104-4085	1	HYD Tube ASM
23:1	237-22	1	O-Ring



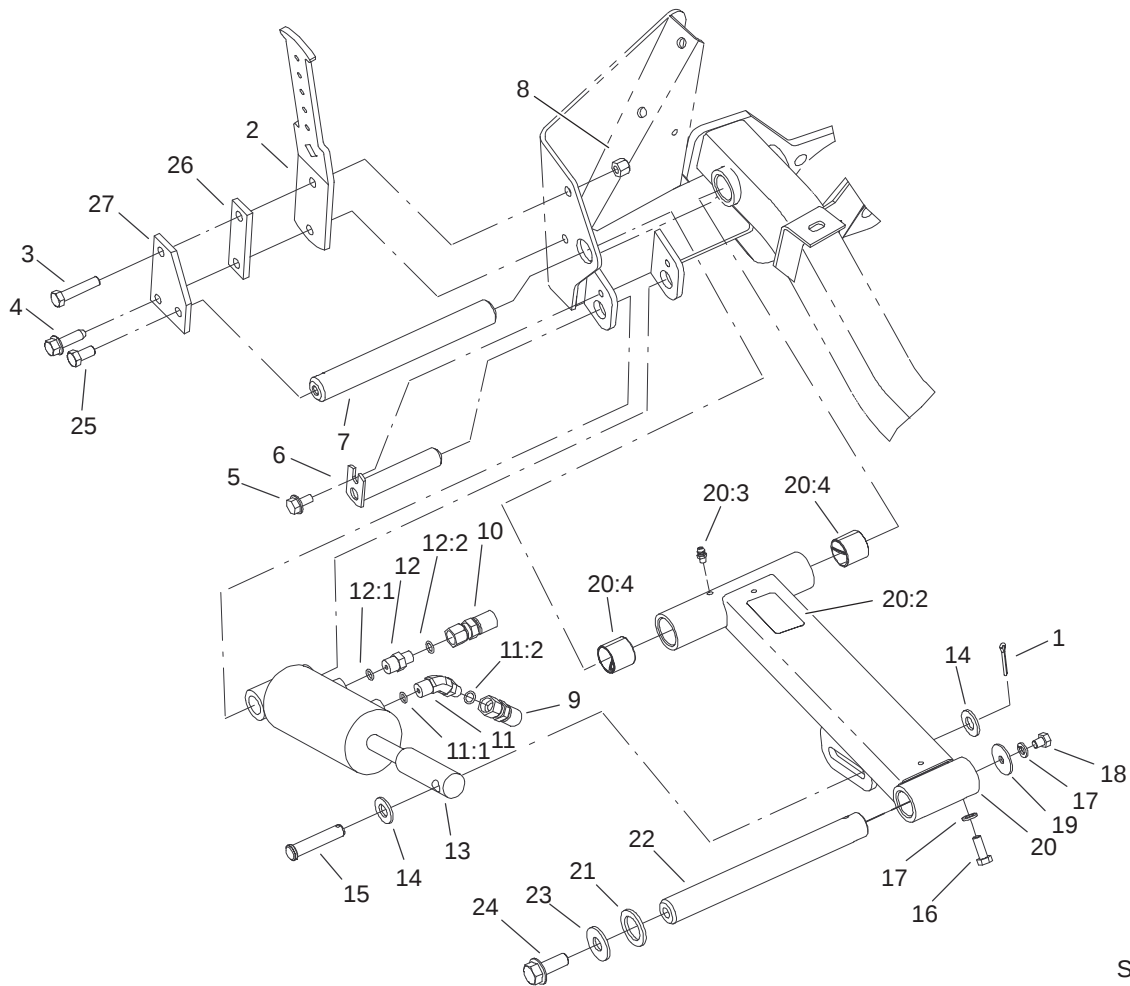
Sheet No.:A8
T-3905

Hydraulic Control Valve No. 104-4092

Ref. No.	Part No.	Qty.	Description
☆1		1	Body
2	55-3640	1	Seat-Relief
3	22-8370	2	Seat-V valve
4	22-8500	2	O-Ring
5	22-8420	1	Spool
6	22-8380	2	Retainer
7	23-3030	1	Spacer
8	22-8410	1	Spring
9	22-8480	1	Ring-Snap
10	22-8490	1	Ring-Snap
11	22-8440	1	Valve-Relief
12	22-8360	2	Pin
13	22-8350	2	Ball
14	105-7827	2	Plug ASM
14:1	22-8330	1	Plug
14:2	22-8340	1	Spring
14:3	237-42	1	O-Ring
15	55-3650	1	Plug

Ref. No.	Part No.	Qty.	Description

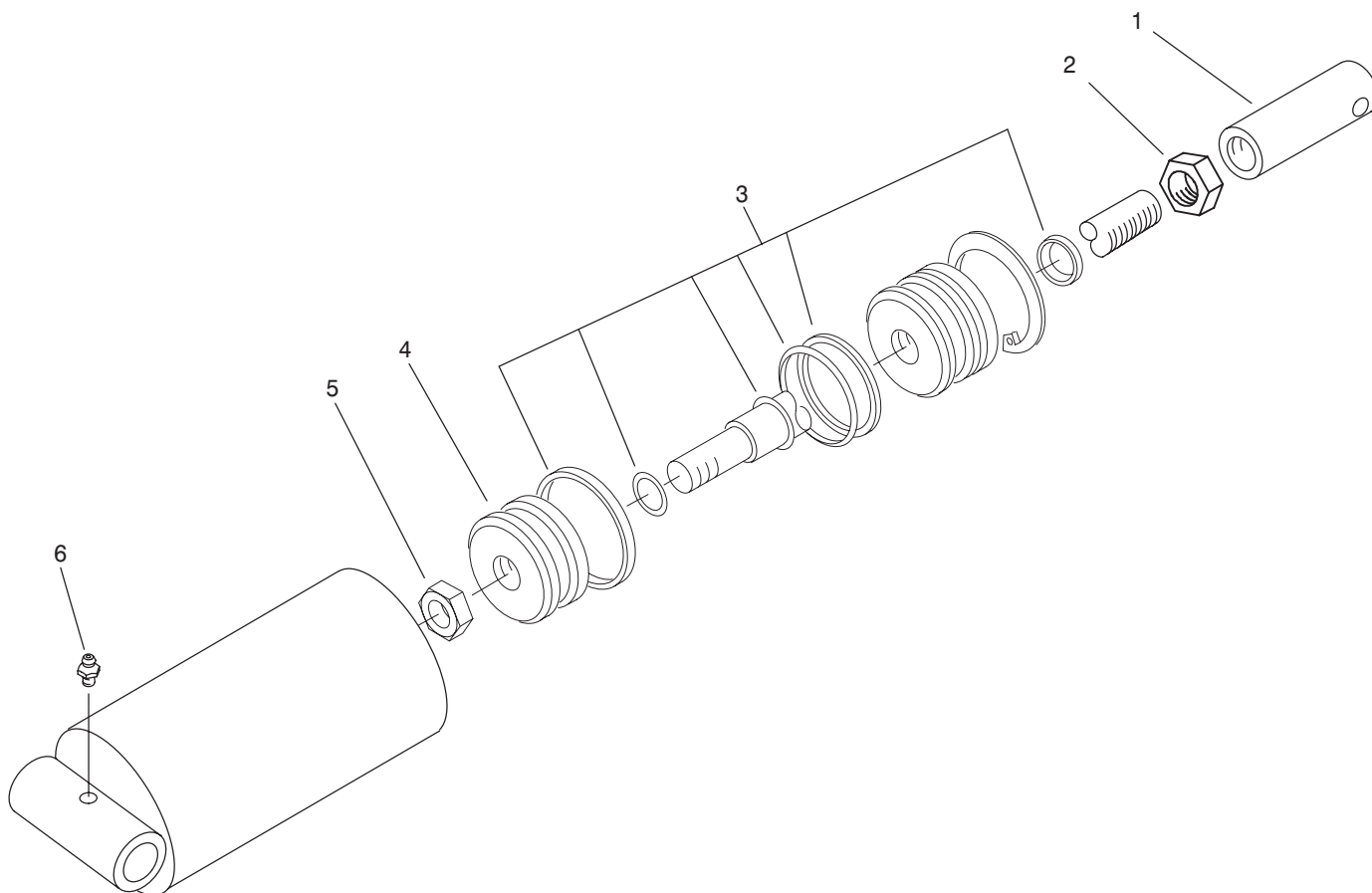
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Sheet No.:19

Rear Lift Arm Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3272-11	1	Pin-Cotter	20:4	3-0348	2	Bushing
2	92-1818-01	1	Arm-Spring, Tension	21	256-115	1	Washer-Thrust
3	323-9	1	Screw-HH	22	99-2338	1	Shaft-Pivot
4	32144-109	1	Screw	23	3256-6	1	Washer-Flat
5	32144-14	1	Screw-HWH	24	3234-32	1	Screw-HHF
6	93-6893	1	Pin-Pivot, Ram	25	323-4	1	Screw-HH
7	92-1812	1	Shaft-Pivot, Lift	26	98-3445	1	Spacer
8	3296-39	1	Nut-Lock, NI	27	98-3446	1	Plate-Reinforcement
9	104-4002	1	Hose ASM				
10	94-5008	1	Hose ASM				
11	340-103	1	Fitting-HYD, 45°				
11:1	237-78	1	O-Ring				
11:2	237-21	1	O-Ring				
12	340-92	1	Fitting-HYD, Straight				
12:1	237-78	1	O-Ring				
12:2	237-21	1	O-Ring				
13	93-6869	1	HYD Cylinder ASM				
14	3256-26	2	Washer-Flat				
15	93-6926	1	Pin-Clevis				
16	322-4	1	Screw-HH				
17	3253-4	2	Washer-Lock				
18	322-26	1	Screw-HH				
19	3256-57	1	Washer-Flat				
20	94-3635	1	Center Lift Arm ASM				
20:2	93-6696	1	Decal				
20:3	302-5	1	Fitting-Grease				



Sheet No.:A9

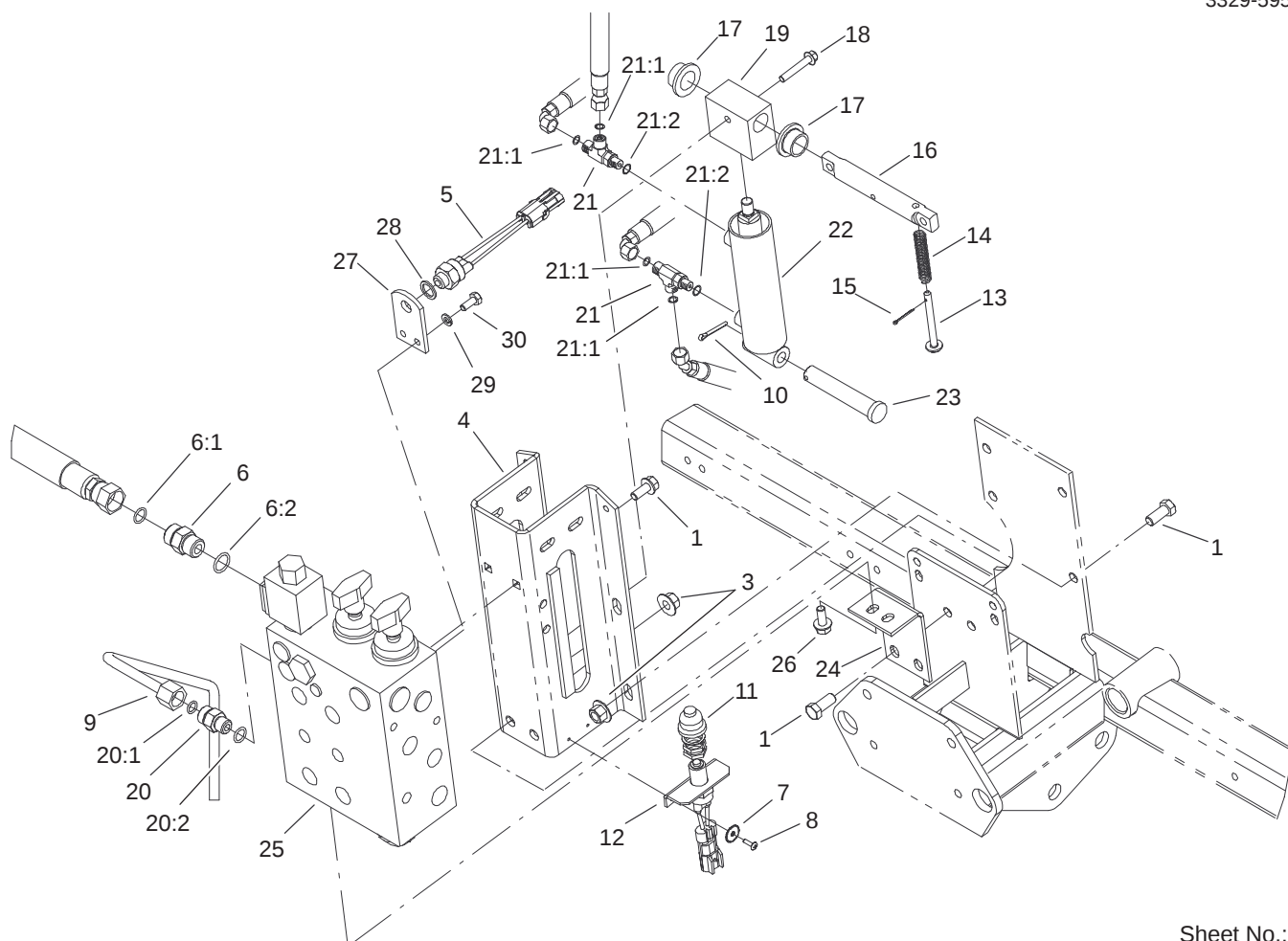
T-3715

Hydraulic Cylinder Assembly No. 93-6869

Ref. No.	Part No.	Qty.	Description
1	94-3617	1	Clevis-Cylinder
2	32152-10	1	Locknut
3	94-3619	1	Seal Kit
☆4		1	Piston
☆5		1	Nut-Lock
6	302-58	1	Fitting-Grease

Ref. No.	Part No.	Qty.	Description

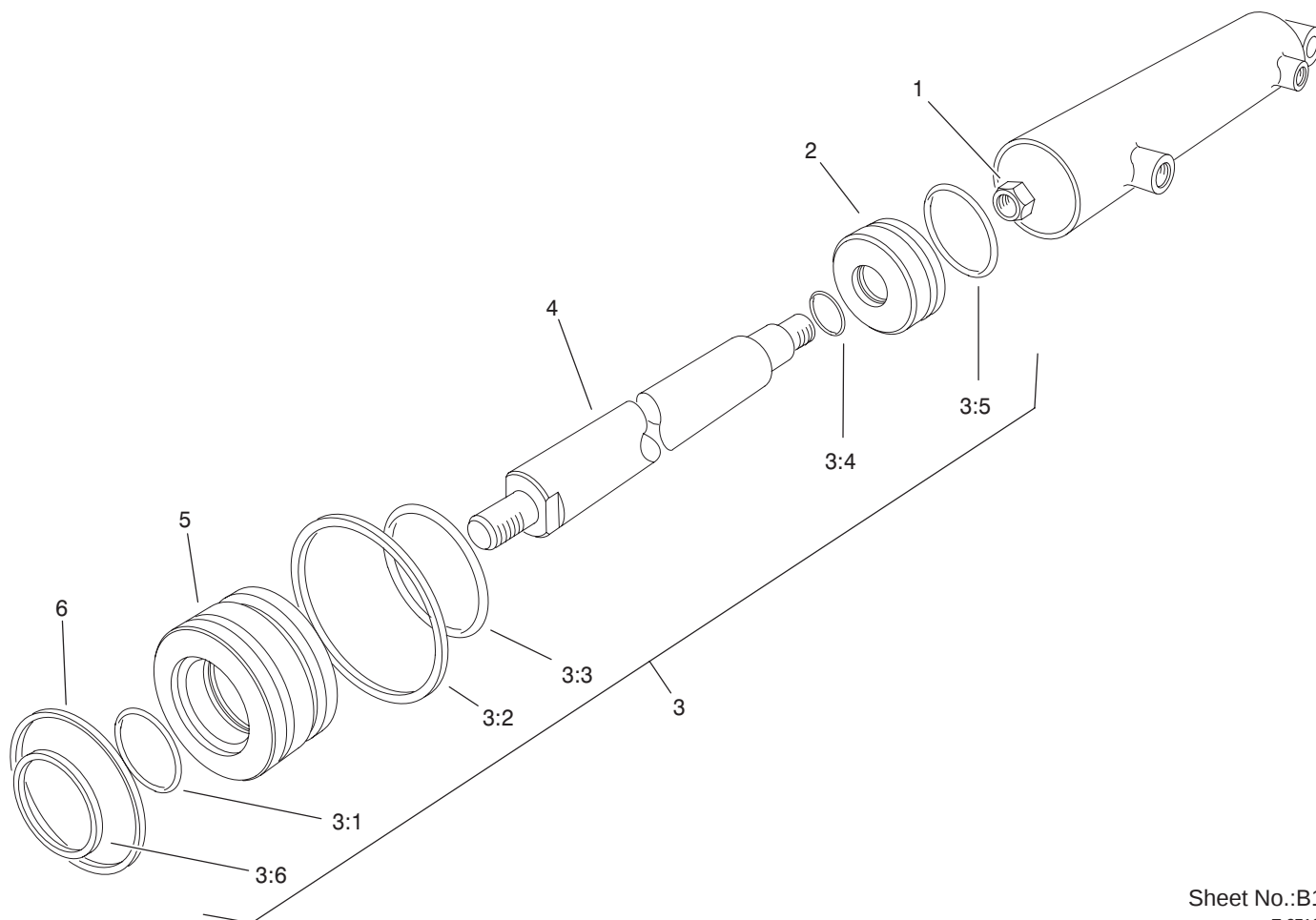
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Sheet No.:20

Rear Lift Arm Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3234-25	6	Bolt-HF	21:2	237-42	1	O-Ring
3	32128-43	6	Nut-Flange	22	94-5031	1	Cylinder-Lift, HYD
4	104-3946-03	1	Cylinder Support ASM	23	283-78	1	Pin-Clevis
5	72-4320	1	Switch-Ball, N.o.	24	93-6733-03	1	Bracket-Mount, Valve
6	340-4	1	Adapter	25	104-3995	1	Manifold Block ASM
6:1	237-30	1	O-Ring	26	3234-5	3	Screw
6:2	237-79	1	O-Ring	27	98-8199	1	Bracket-Switch
7	3254-9	2	Washer-Lock/Int	28	3256-76	1	Washer-Flat
8	3249-3	2	Screw	29	3253-3	2	Washer-Lock
9	104-4050	1	HYD Tube ASM	30	329-3	2	Screw-HH
10	3272-11	1	Pin-Cotter				
11	94-3429	1	Switch-Ball				
12	94-3424	1	Bracket-Mount, Switch				
13	94-5010	1	Pin-Actuator, Switch				
14	94-5011	1	Spring-Compression				
15	3272-4	1	Pin-Cotter				
16	72-4190	1	Pin-Guide, Cylinder				
17	84-8440	2	Bushing				
18	321-43	1	Capscrew				
19	61-2450	1	Hub-Lift				
20	340-2	1	Fitting-HYD, Straight				
20:1	237-22	1	O-Ring				
20:2	237-42	1	O-Ring				
21	340-86	2	Fitting-HYD, Tee				
21:1	237-22	2	O-Ring				



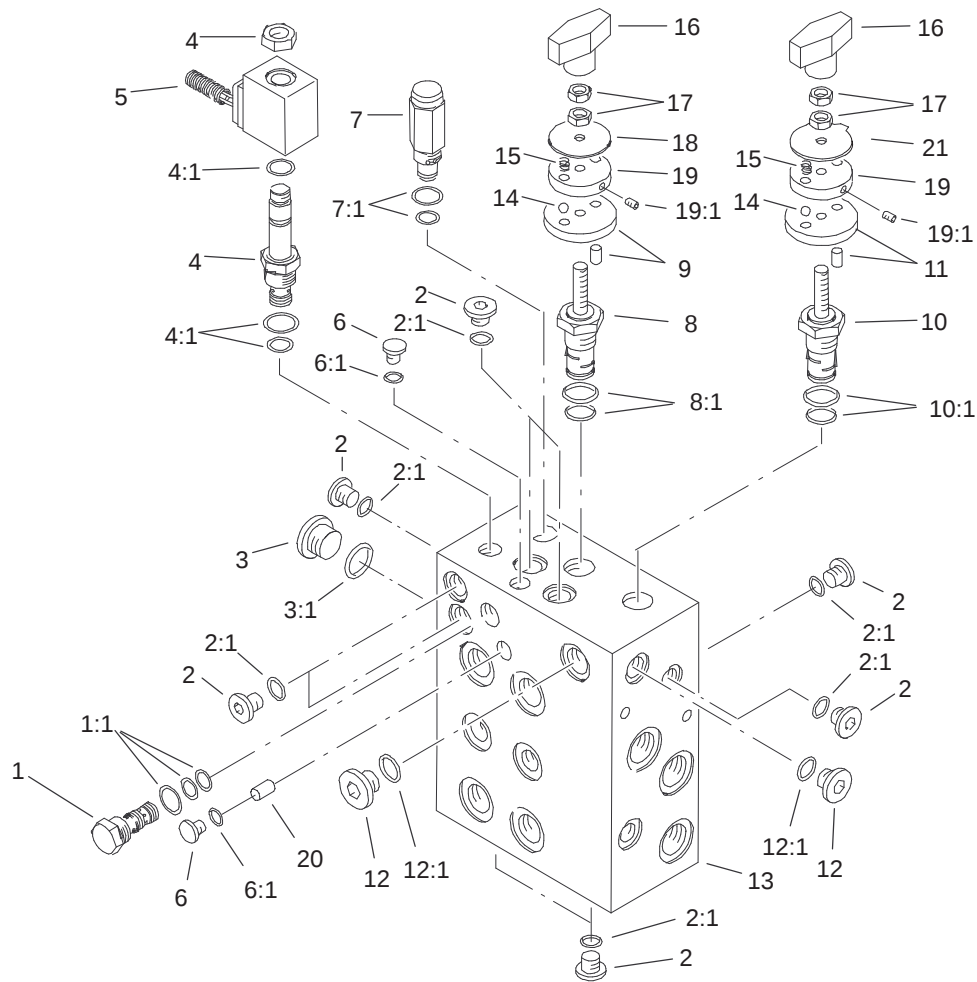
Sheet No.:B1
T-3716

Hydraulic Lift Cylinder Assembly No. 94-5031

Ref. No.	Part No.	Qty.	Description
☆1	94-3614	1	Nut-Lock
☆2		1	Piston
3		1	Seal Kit
☆3:1		1	O-Ring
☆3:2		1	Washer-Backup
☆3:3		1	O-Ring
☆3:4		1	O-Ring
☆3:5		1	Uniring
☆3:6		1	Seal-Dust
☆4		1	Shaft
☆5	94-3612	1	Head
6		1	Ring-Retaining

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately

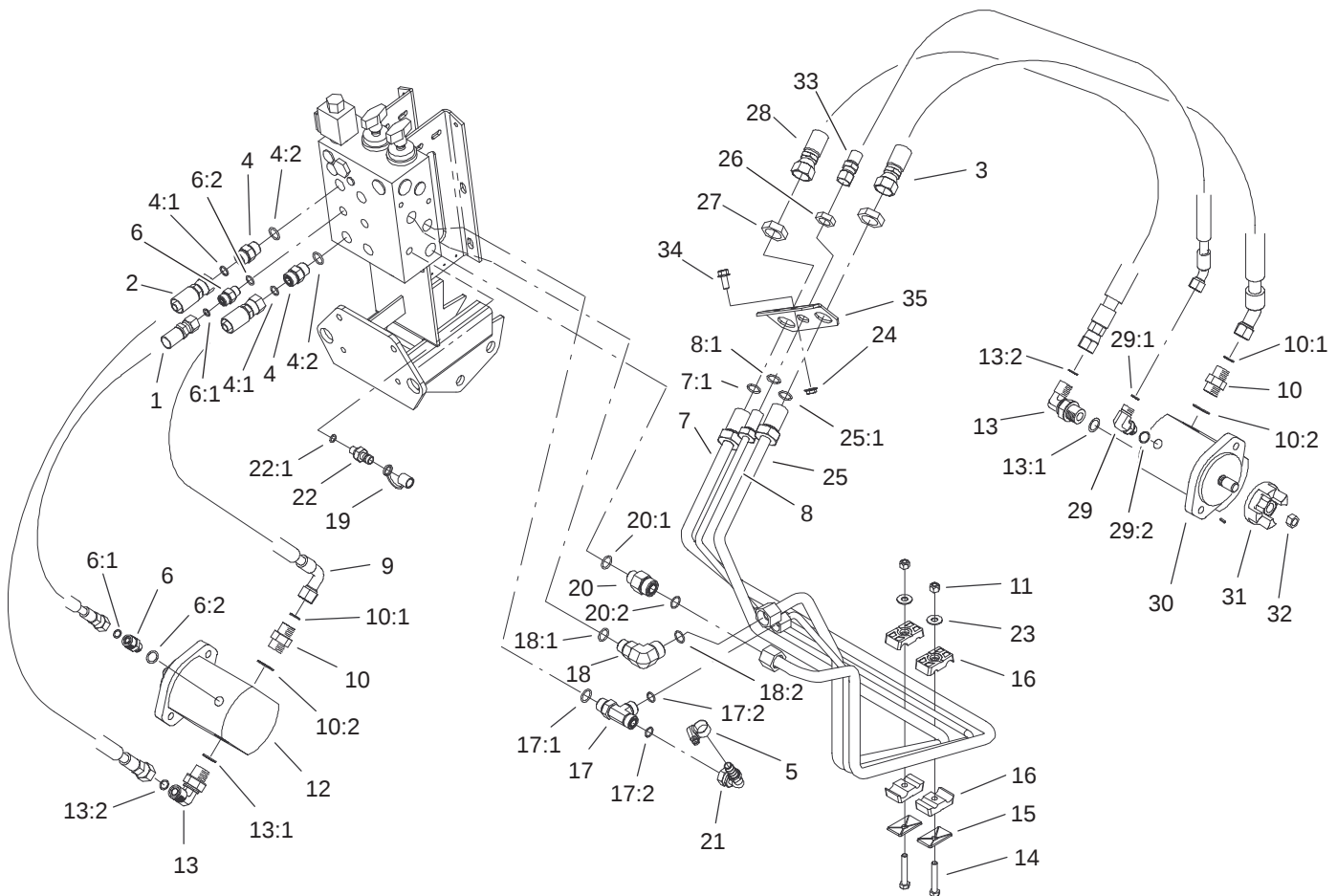


Sheet No.:B2

Manifold Block Assembly No. 104-3995

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	95-5634	1	Cartridge-Logic, Spool	18	94-5026	1	Plate-Indicator
1:1	95-5641	1	Seal Kit	19	94-5023	2	Plate-Detent
2	353-990	8	Plug	19:1	3245-36	1	Screw-HSH
2:1	237-78	1	O-Ring	20	75-2070	1	Plug-Orifice
3	353-988	1	Plug-Hex, Hollow	21	99-3543	1	Plate-Indicator
3:1	237-79	1	O-Ring				
4	93-7494	1	Cartridge				
4:1	75-2080	1	Seal Kit				
5	83-2010	1	Coil-Valve				
6	353-991	2	Plug-Hex, Hollow				
6:1	237-156	1	O-Ring				
7	94-3655	1	Valve-Relief				
7:1	75-2080	1	Seal Kit				
8	94-3659	1	Control-Flow, Rotary				
8:1	75-2080	1	Seal Kit				
9	94-5025	1	Plate-Locating				
10	94-3657	1	Spool ASM				
10:1	94-3661	1	4-Way Seal Kit				
11	94-5021	1	Plate-Locating				
12	353-989	3	Plug-Hex, Hollow				
12:1	237-42	1	O-Ring				
★13		1	Body-Manifold				
14	255-13	4	Ball-Steel, Stainless				
15	94-5027	4	Spring				
16	94-5020	2	Knob ASM				
17	3218-1	4	Nut-Jam				

★ Not serviced separately

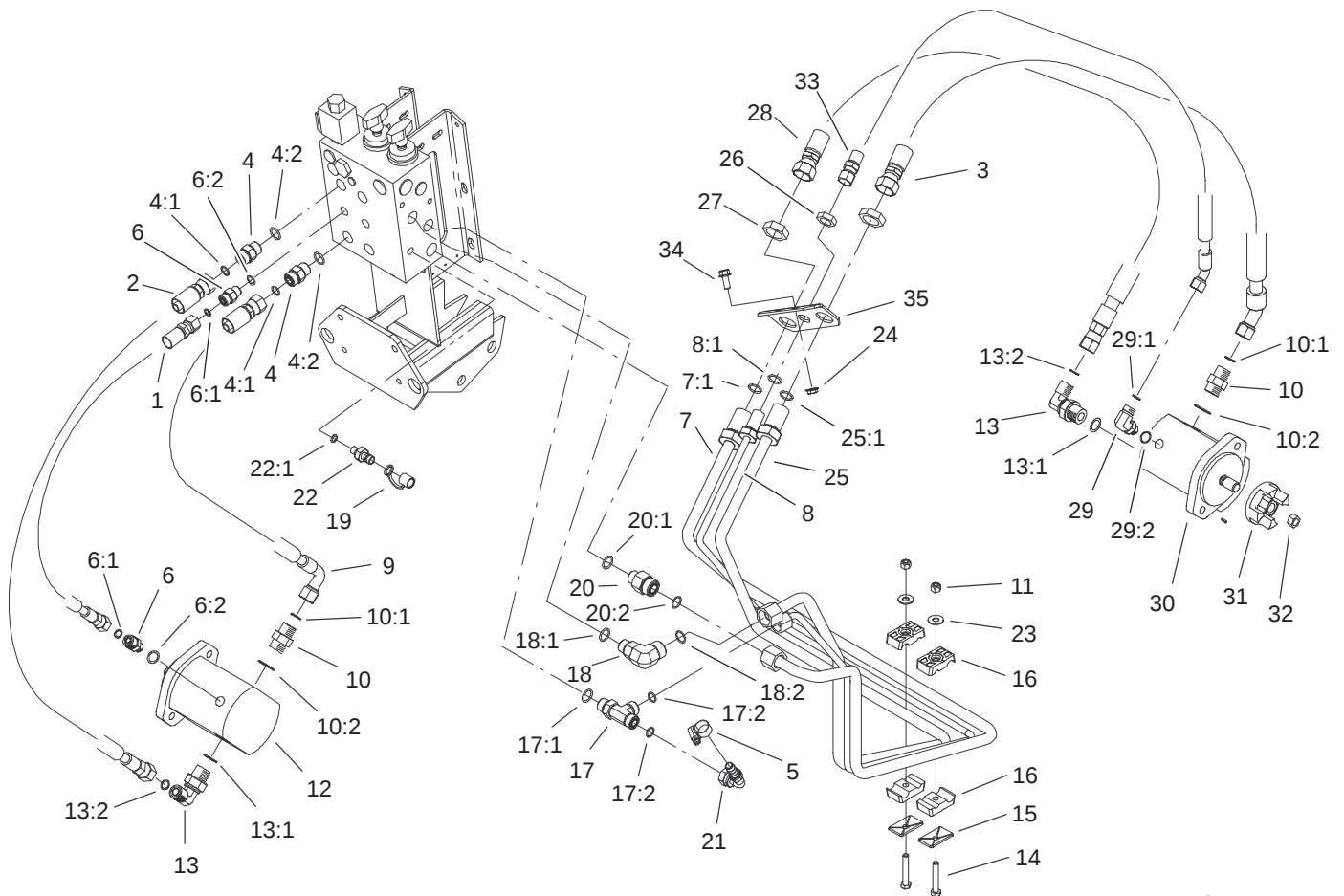


Sheet No.:21

Reel Motor Assembly

Ref. No.	Part No.	Qty.	Description
1	94-5986	2	Hose ASM
2	94-5987	2	Hose ASM
3	94-5129	1	Hose ASM
4	340-4	4	Adapter
4:1	237-30	1	O-Ring
4:2	237-79	1	O-Ring
5	2412-36	1	Clamp-Hose
6	340-2	4	Fitting-HYD, Straight
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	104-3950	1	Tube ASM
7:1	237-65	1	O-Ring
8	104-3951	1	Tube ASM
8:1	237-30	1	O-Ring
9	94-5985	2	Hose ASM
10	340-6	3	Fitting-HYD, Straight
10:1	237-30	1	O-Ring
10:2	237-80	1	O-Ring
11	3296-29	2	Nut-Lock, NI
12	93-6972	2	Motor-Gear
13	340-105	3	Fitting-HYD, 90°
13:1	237-80	1	O-Ring
13:2	237-30	1	O-Ring
14	322-10	2	Screw-HH
15	69-9760	2	Coverplate
16	56-7970	4	Clamp-Tube

Ref. No.	Part No.	Qty.	Description
17	340-109	1	Fitting-HYD, Tee
17:1	237-79	1	O-Ring
17:2	237-30	2	O-Ring
18	340-153	1	Fitting-HYD
18:1	237-79	1	O-Ring
18:2	237-151	1	O-Ring
19	354-79	1	Cap-Dust
20	340-155	1	Fitting-HYD
20:1	237-79	1	O-Ring
20:2	237-151	1	O-Ring
21	93-6803	1	Fitting-90°
22	354-77	1	Fitting-Quick
22:1	237-78	1	O-Ring
23	3256-3	2	Washer-Flat
24	32128-44	2	Nut
25	104-3949	1	Tube ASM
25:1	237-65	1	O-Ring
26	340-70	1	Nut-Lock
27	340-74	2	Locknut-Bulkhead
28	93-6790	1	Hose-HYD
29	340-77	1	Fitting-HYD, 90°
29:1	237-22	1	O-Ring
29:2	237-42	1	O-Ring
30	93-6975	1	Motor-Gear
31	93-8823	3	Coupler-Motor, Reel
32	32128-48	3	Nut-HHF

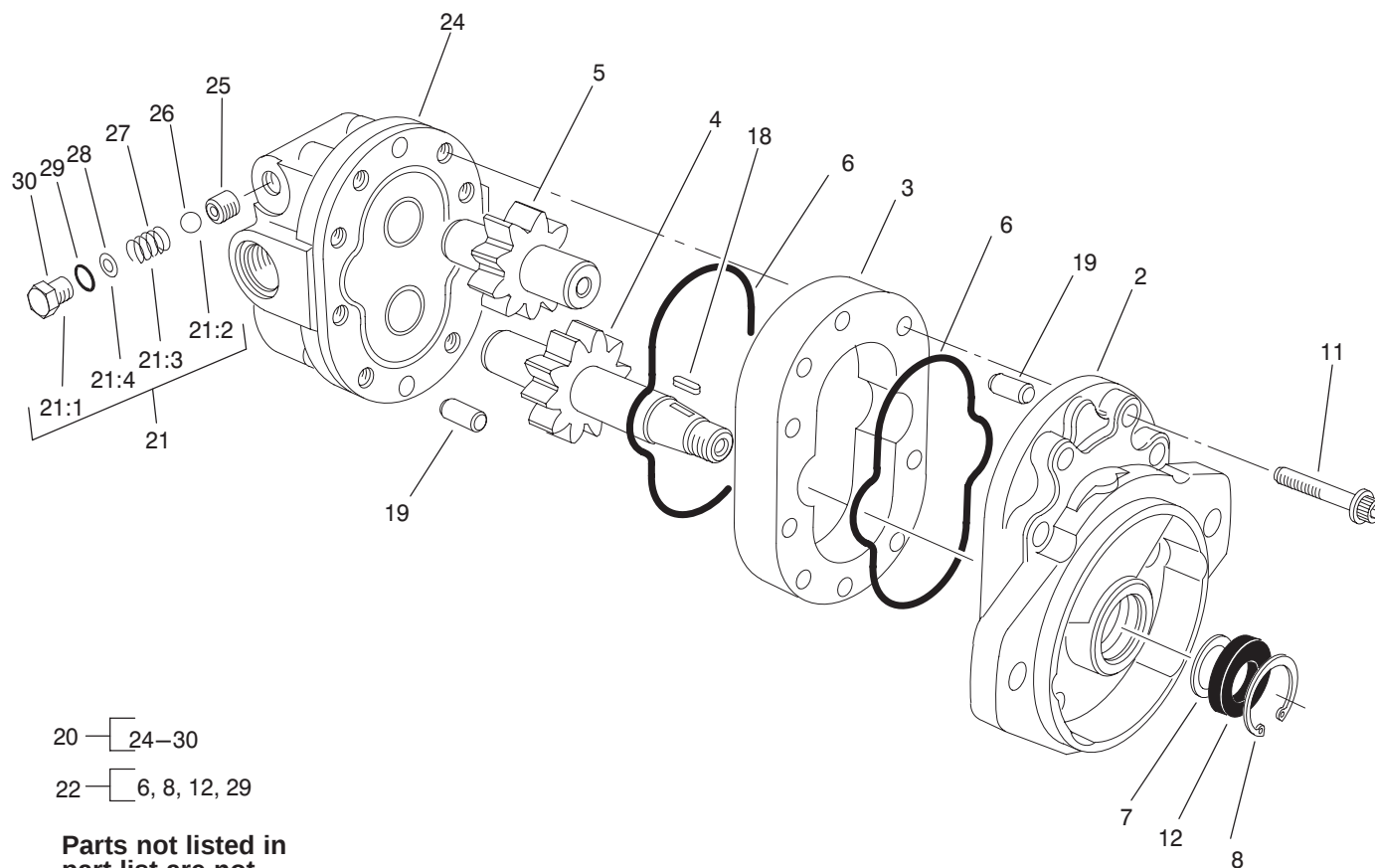


Sheet No.:21

Reel Motor Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
33	93-6789	1	Hose-HYD
34	3234-5	2	Screw
35	93-6796-01	1	Bracket-Bulkhead

Ref. No.	Part No.	Qty.	Description



Sheet No.:B3

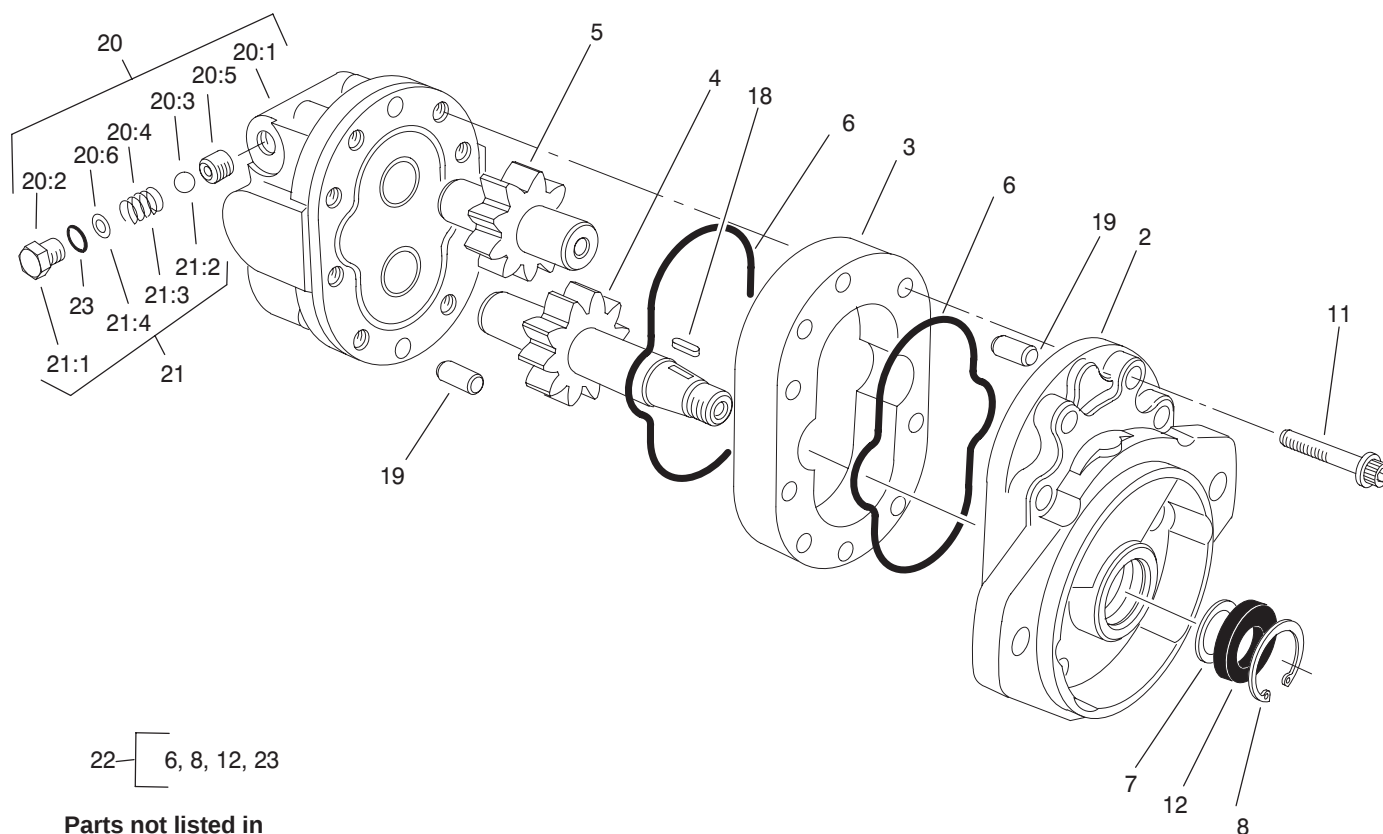
T-3718

Gear Motor Assembly No. 93-6972

Ref. No.	Part No.	Qty.	Description
2	66-5730	1	Front Plate ASM
3	94-3603	1	Motor Body ASM
4	94-3602	1	Drive Gear ASM
5	94-3601	1	Idler Gear ASM
6	59-8420	2	Ring
7	60-5890	1	Washer
8	59-8320	1	Ring-Retaining
11	94-3600	8	Capscrew
12	66-5710	1	Seal-Shaft
18	94-3606	1	Key
19	42-2010	2	Pin-Dowel
20	94-3604	1	Backplate ASM
21	92-9260	1	Relief Valve Kit
☆21:1		2	Plug
☆21:2		2	Ball
☆21:3		2	Spring
☆21:4		2	Shim
22	93-1413	1	Seal Kit

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately



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

Sheet No.:B4

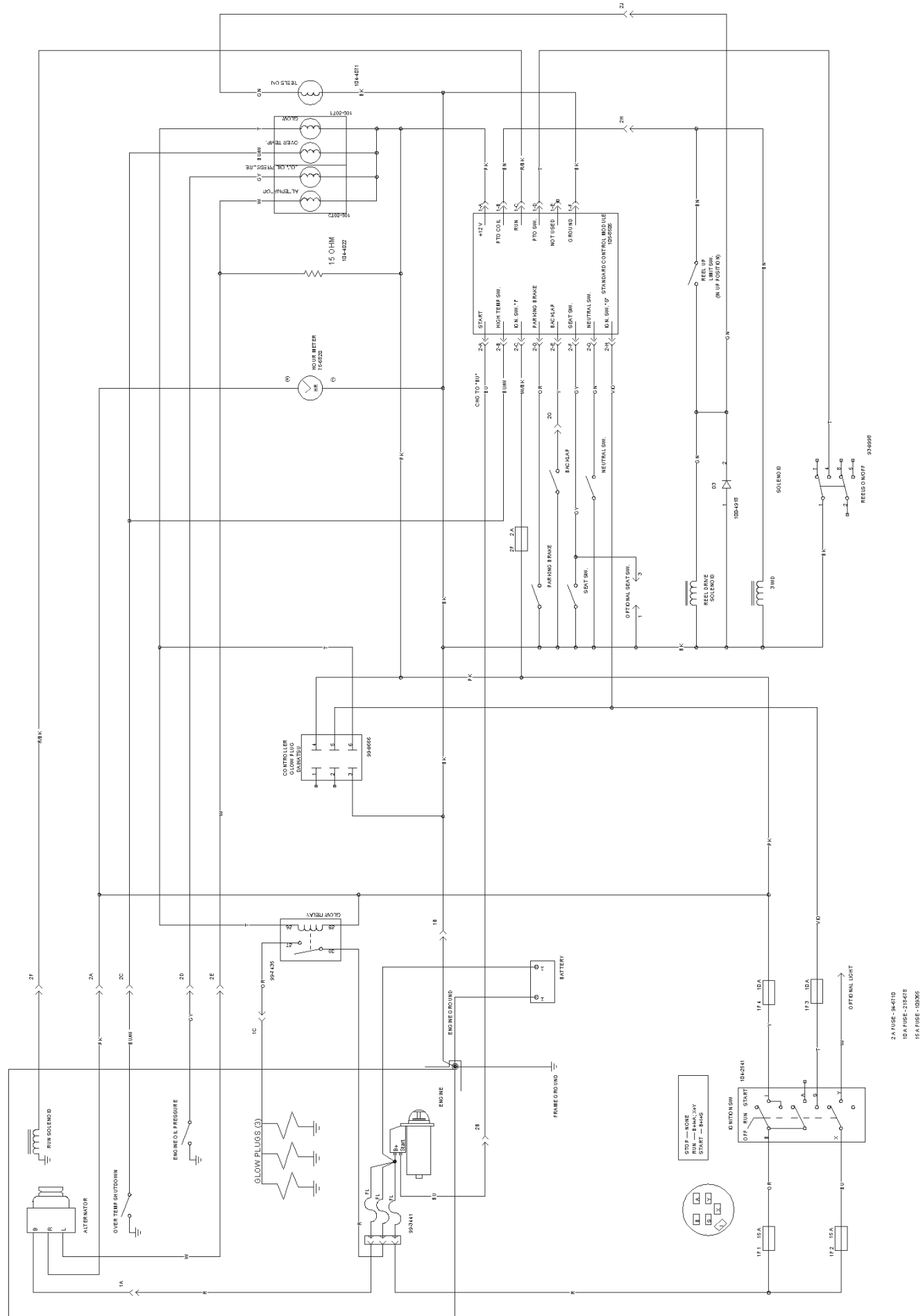
T-3569

Gear Motor Assembly No. 93-6975

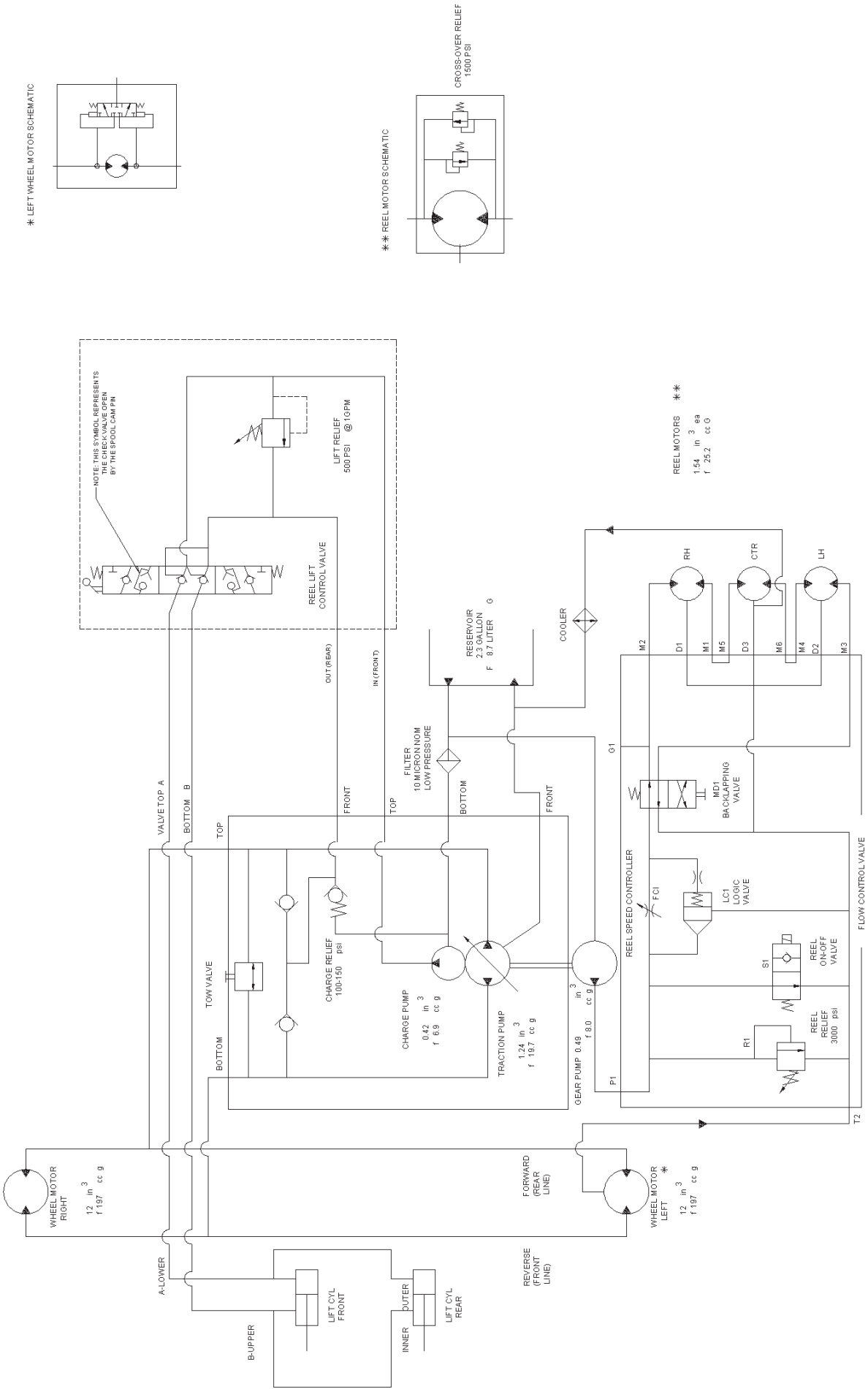
Ref. No.	Part No.	Qty.	Description
2	66-5730	1	Front Plate ASM
3	94-3603	1	Motor Body ASM
4	94-3602	1	Drive Gear ASM
5	94-3601	1	Idler Gear ASM
6	59-8420	2	Ring
7	60-5890	1	Washer
8	59-8320	1	Ring-Retaining
11	94-3600	8	Capscrew
12	66-5710	1	Seal-Shaft
18	94-3606	1	Key
19	42-2010	2	Pin-Dowel
20	94-3605	1	Backplate ASM
☆20:1		1	Backplate
☆20:2		2	Plug
☆20:3		2	Ball
☆20:4		2	Spring
☆20:5		2	Seat
☆20:6		2	Shim
21	92-9260	1	Relief Valve Kit
☆21:1		2	Plug
☆21:2		2	Ball
☆21:3		2	Spring
☆21:4		2	Shim
22	93-1413	1	Seal Kit

☆ Not serviced separately

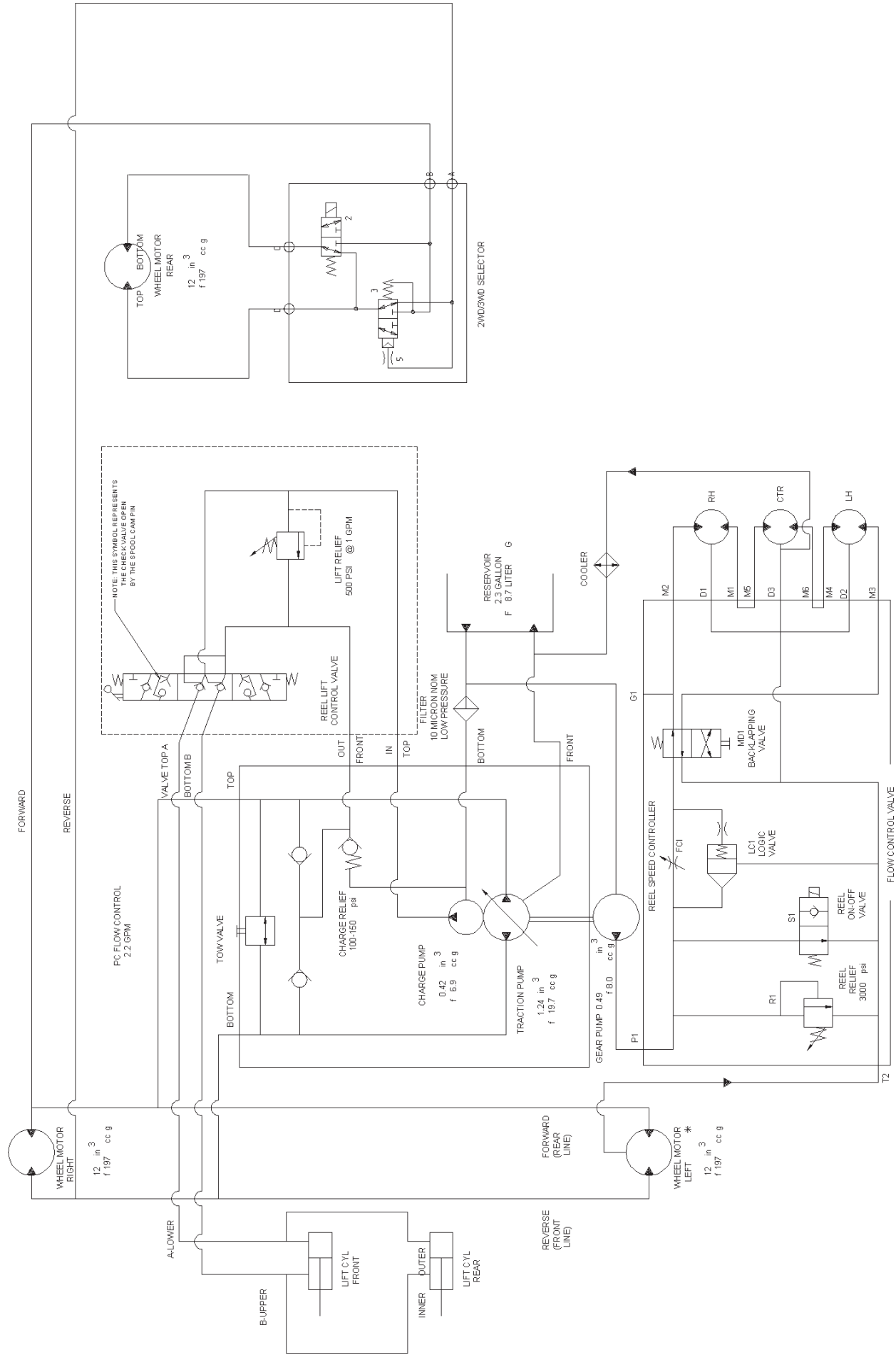
Electrical Schematic

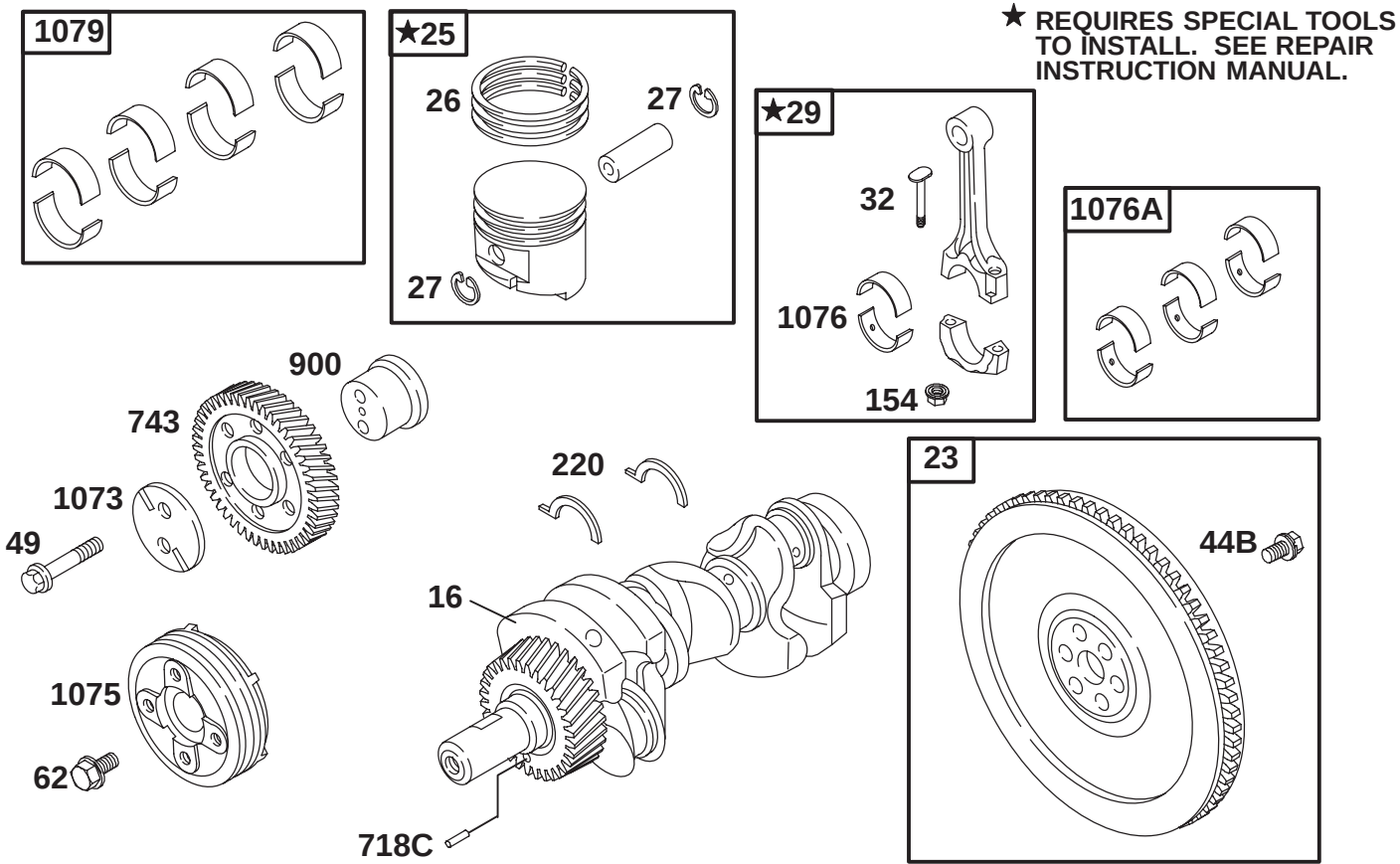


2 Wheel Drive Hydraulic Schematic



3 Wheel Drive Hydraulic Schematic

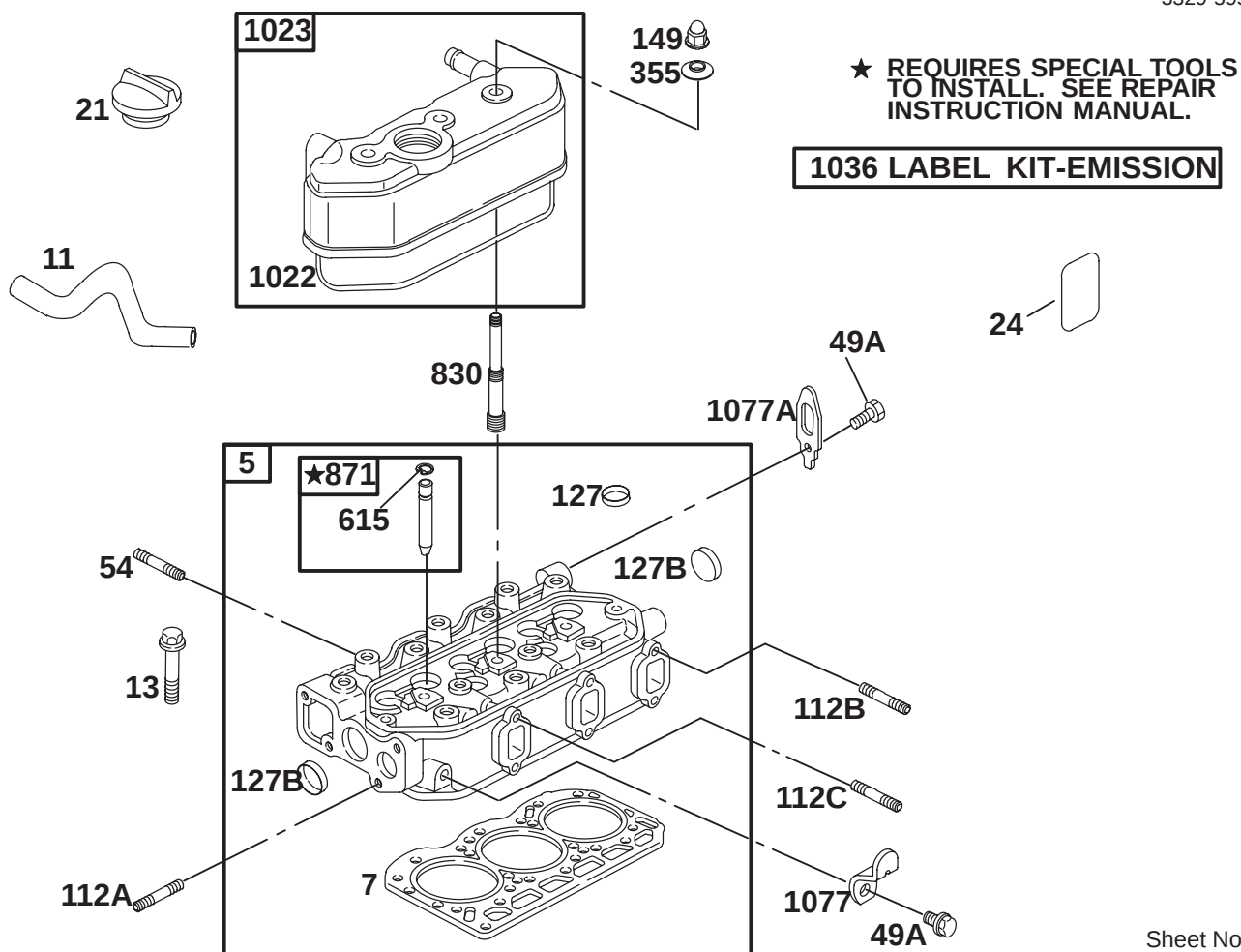




Sheet No.:4

Crankshaft Assembly

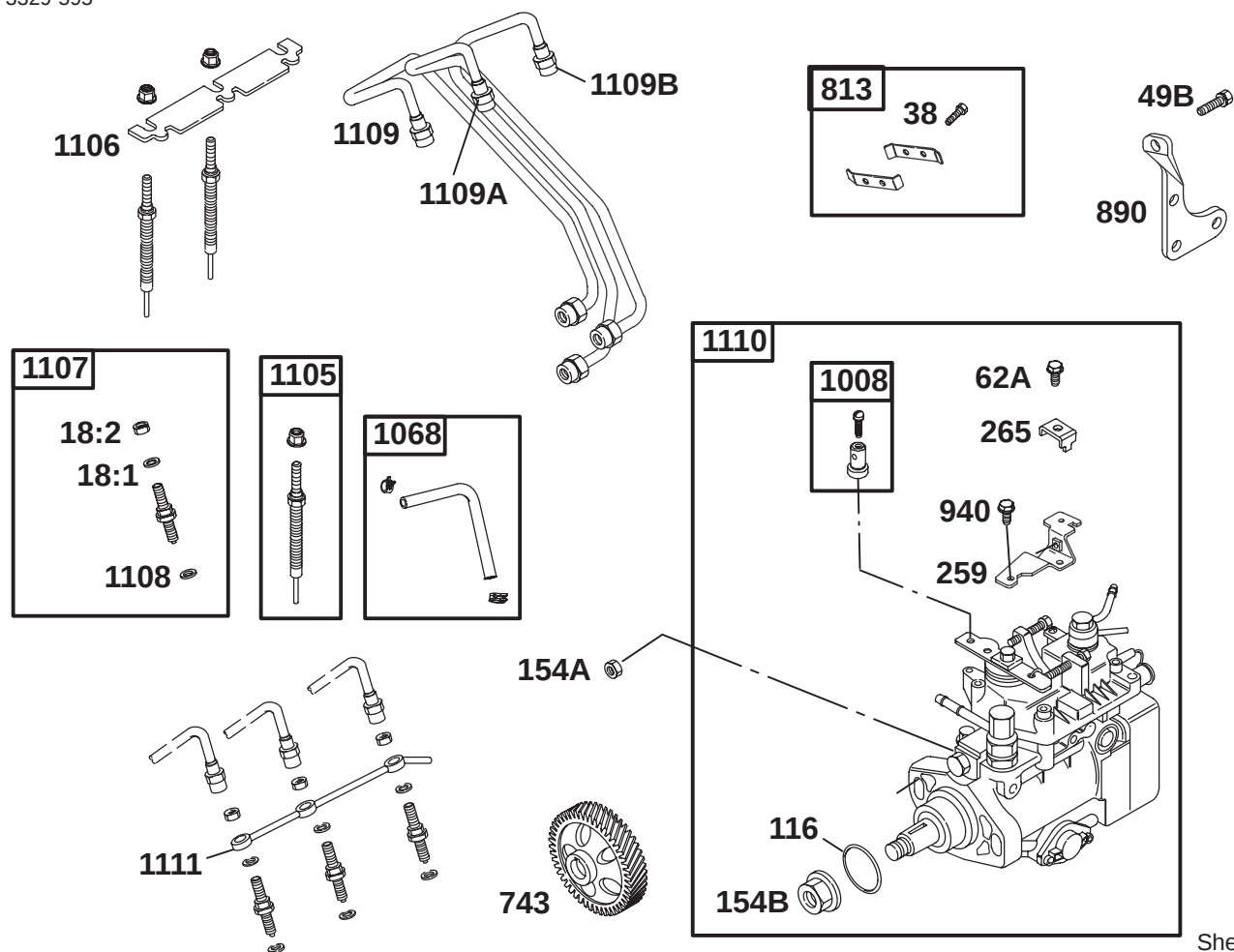
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
16	99-9252	1	Crankshaft	1076A	99-9044	3	Rod Bearing Set (.010 Undersize)
23	99-9267	1	Flywheel				
25	99-9605	3	Piston ASM				
25	99-9268	3	Piston ASM				
26	99-9606	3	Ring Set				
26	99-9269	3	Ring Set				
27	99-9607	6	Lock-Pin, Piston				
29	99-9608	3	Rod-Connecting				
32	99-9030	6	Screw-Rod, Connecting				
49	99-9032	2	Screw-Hex				
62	99-9033	1	Screw-Hex				
154	99-9034	6	Nut-Hex				
220	99-9035	1	Washer-Thrust				
220	99-9036	1	Washer-Thrust				
44B	99-9031	6	Screw-Hex				
743	99-9609	1	Gear-Drive				
900	99-9039	1	Shaft-Gear				
1073	99-9040	1	Plate-Gear , Idler				
1075	99-9692	1	Pully-Crankshaft				
1076	99-9042	1	Bearing-Rod				
1079	99-9045	1	Bearing Set (Main)				
1079	99-9046	1	Bearing Set (.010 Undersize)				
718C	99-9037	1	Pin-Locating				
1076A	99-9043	3	Rod Bearing Set				



Sheet No.:5

Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description
5	99-9611	1	Head-Cylinder
7	99-9612	1	Gasket-Head, Cylinder
11	104-7743	1	Tube-Breather
13	99-9614	14	Screw-Metric
21	99-9052	1	Cap-Fill, Oil
24	105-3817	1	Label-Oil Fill
54	99-9055	2	Stud-Metric
127	99-9008	2	Plug-W elch
149	99-9061	3	Nut-Hex, Metric
355	99-9063	3	Washer-Seal
49A	99-9054	2	Screw-Hex
615	99-9067	6	Retainer
830	99-9101	3	Stud-Arm, Rocker
871	99-9070	6	Bushing-Guide
1022	99-9073	1	Gasket-Cover , Rocker
1023	100-6402	1	Cover-Rocker
1036	99-9615	1	Emission Label Kit
1077	99-9076	1	Bracket-Lifting
112A	99-9057	2	Stud-Metric
112B	99-9058	5	Stud-Metric
112C	99-9059	1	Stud-Metric
127B	99-9060	2	Plug-W elch
1077A	99-9077	1	Bracket-Lifting

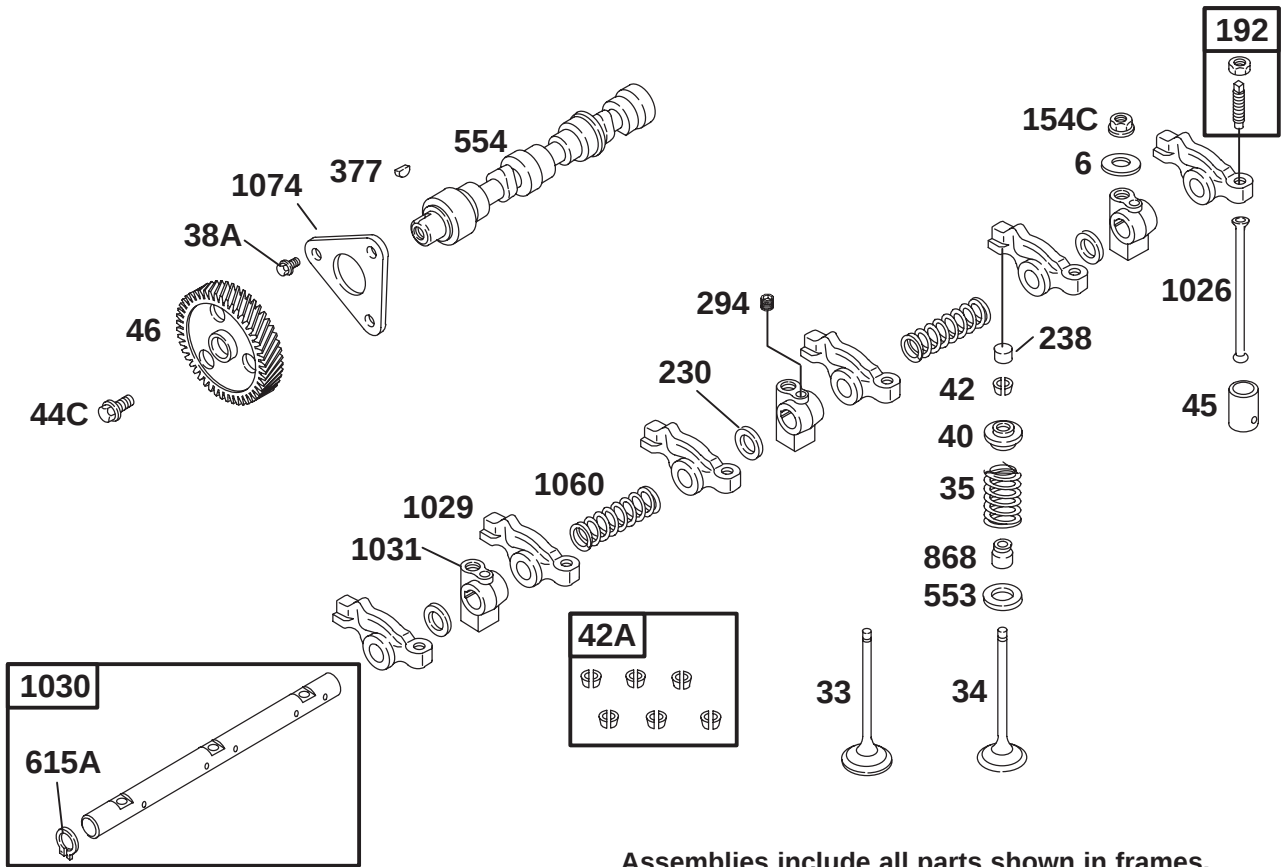


Sheet No.:6

Injection Assembly

Ref. No.	Part No.	Qty.	Description
38	99-9004	2	Screw-Hex
116	99-9618	1	O-Ring
259	99-9621	1	Bracket-Clamp, Casing
265	99-9622	1	Clamp-Casing
49B	99-9616	4	Screw-Hex
62A	100-6403	1	Screw-Metric
743	99-9624	1	Gear-Drive
813	99-9625	1	Clamp
890	99-9626	1	Bracket-Support
940	100-6410	2	Screw-Hex
1008	99-9628	1	Clamp-Swivel
1068	99-9629	1	Hose/Clamp ASM
1105	99-9630	3	Plug-Glow
1106	99-9631	1	Strap-Plug, Glow
1107	99-9632	3	Nozzle-Injector
1108	99-9633	3	Seat-Injector
1109	99-9690	1	Pipe-Injector , #1
1110	104-3970	1	Pump-Injection
1111	99-9637	1	Pipe-Return, Fuel
154A	99-9619	2	Nut-Hex, Metric
154B	99-9620	1	Nut-Hex, Metric
1109A	99-9634	1	Pipe-Injector , #2
1109B	99-9635	1	Pipe-Injector , #3
18:1	100-5148	1	Washer
18:2	100-5149	1	Nut-Hexagon

Ref. No.	Part No.	Qty.	Description



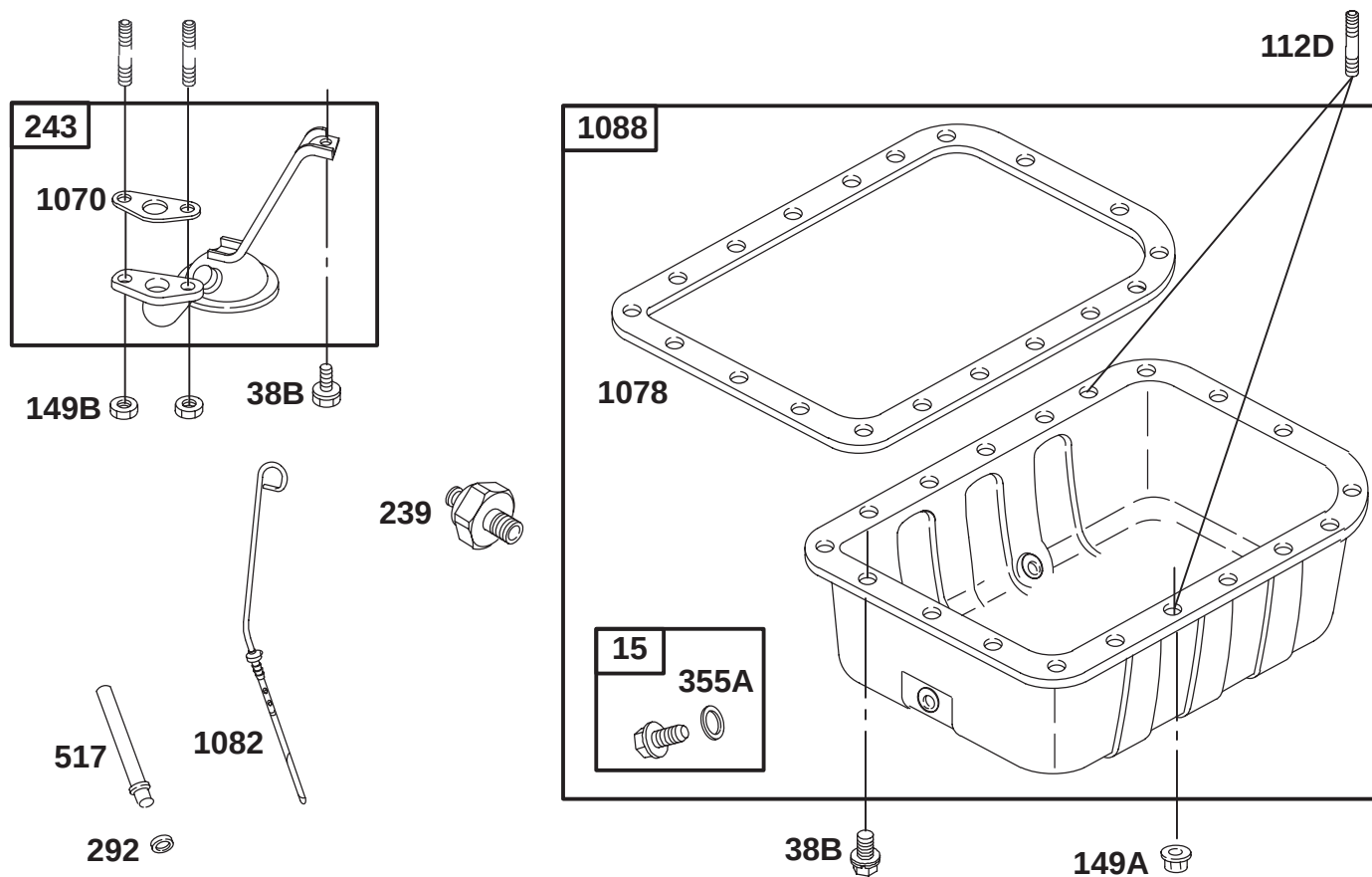
Assemblies include all parts shown in frames.

Sheet No.:7

Rocker Arm Assembly

Ref. No.	Part No.	Qty.	Description
6	99-9079	3	Washer-Flat
33	99-9638	3	Valve-Exhaust
34	99-9639	3	Valve-Intake
35	99-9640	6	Spring-V valve
40	99-9084	6	Retainer-V valve
42	99-9086	1	Keeper-V valve
45	99-9088	6	Tappet-V valve
46	99-9641	1	Gear-Cam
192	99-9092	6	Adjuster-Arm, Rocker
230	99-9093	3	Washer-Spacer
238	99-9094	6	Cap-V valve
294	99-9090	1	Screw-Metric
377	99-9642	1	Key-T iming
38A	99-9083	3	Screw-Hex
42A	99-9087	6	Keeper-V valve (Set Of Six)
44C	99-9085	1	Screw-Metric
553	99-9096	6	Seat-Spring, Valve
554	99-9097	1	Shaft-Cam
868	99-9643	6	Seal-V valve
1026	99-9103	6	Rod-Push
1029	99-9104	1	Arm-Rocker
1030	99-9106	1	Shaft-Arm, Rocker
1031	99-9107	3	Support-Arm, Rocker
1060	99-9108	2	Spring-Shaft, Rocker
1074	99-9109	1	Retainer-Camshaft

Ref. No.	Part No.	Qty.	Description
154C	99-9091	3	Nut-Hex, Metric
615A	99-9099	2	Retainer

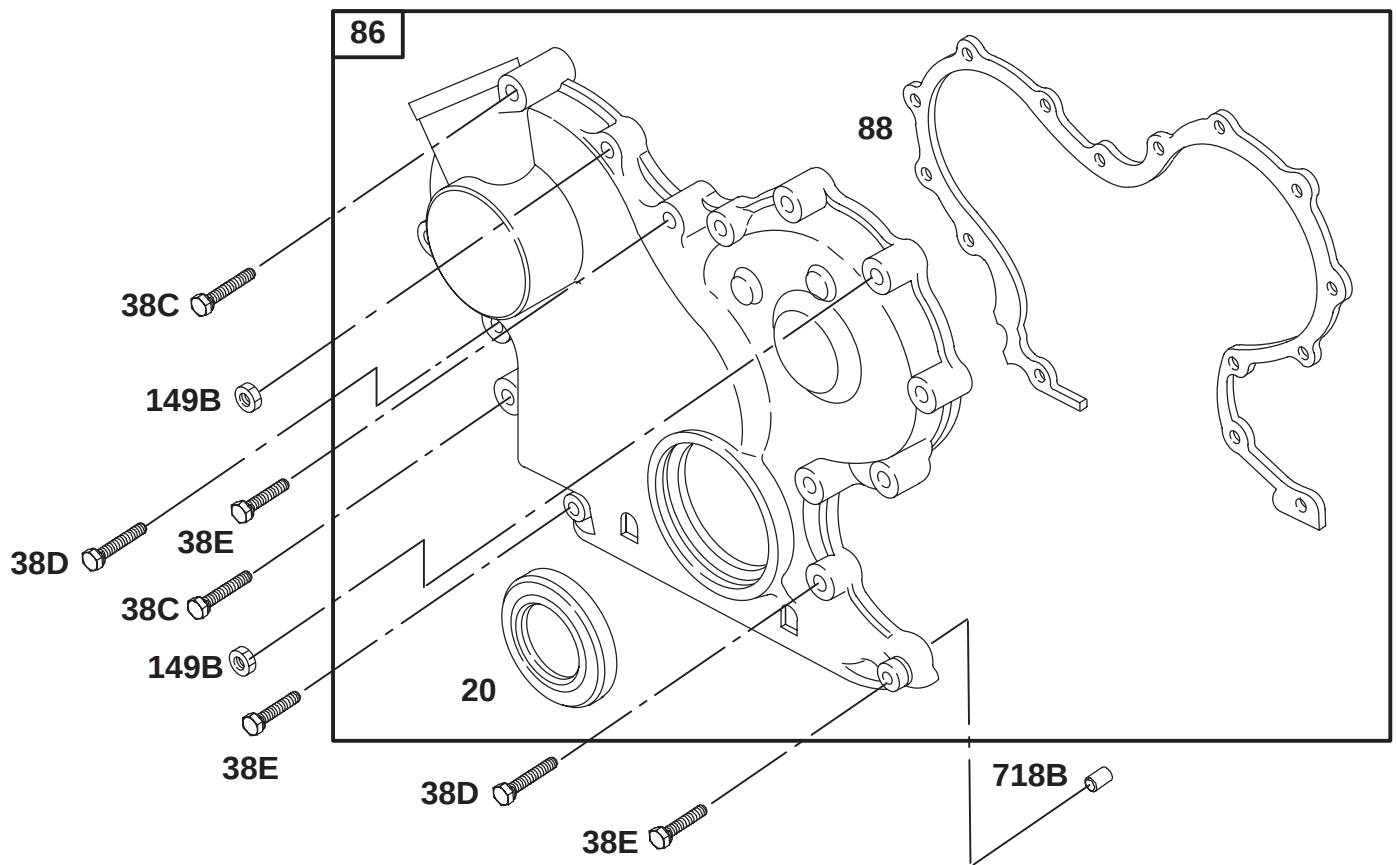


Sheet No.:8

Oil Pan Assembly

Ref. No.	Part No.	Qty.	Description
15	99-9644	2	Plug-Drain, Oil
239	99-91 15	1	Switch-Pressure, Oil
243	99-91 16	1	Screen-Pump, Oil
292	99-9265	1	O-Ring (Dipstick)
38B	99-91 11	18	Screw-Hex
517	99-9271	1	Collar-T ube, Dipstick
1070	99-9120	1	Gasket-Strainer , Oil
1078	99-9121	1	Gasket-Pan, Oil
1082	99-9272	1	Dipstick
1088	99-9649	1	Pan-Oil
112D	99-91 12	2	Stud-Metric
149A	99-91 13	2	Nut-Hex, Metric
149B	99-91 14	2	Nut-Hex, Metric
355A	99-9645	1	Washer-Seal

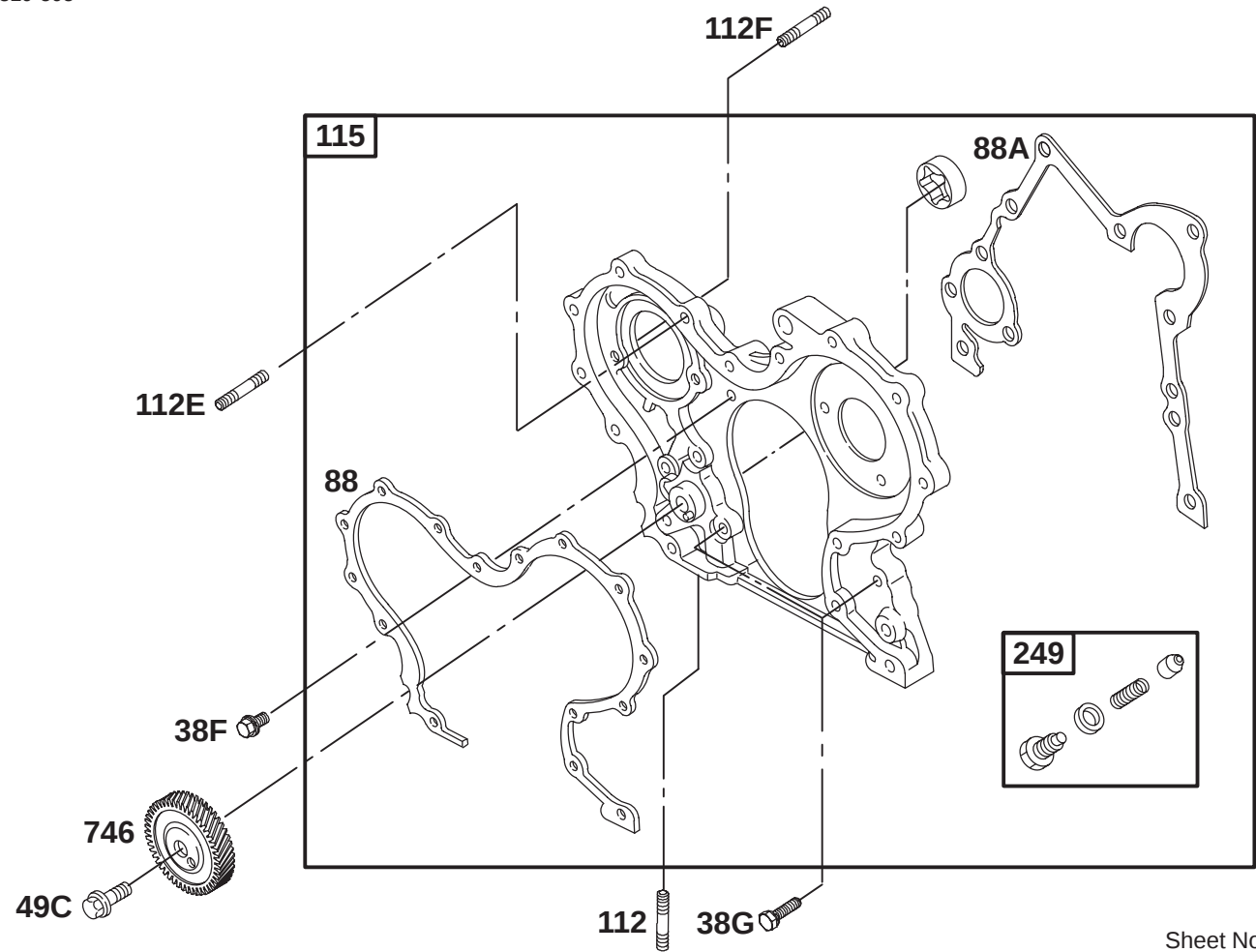
Ref. No.	Part No.	Qty.	Description



Sheet No.:9

Cover Assembly

Ref. No.	Part No.	Qty.	Description
20	99-9126	1	Seal-Oil
86	99-9652	1	Gear Cover ASM
88	99-9653	1	Gasket-Cover , Gear
38C	99-9651	2	Screw-Hex
38D	99-9128	9	Screw-Hex
38E	99-9129	3	Screw-Hex
149B	99-9114	2	Nut-Hex, Metric
718B	99-9014	1	Pin-Locating

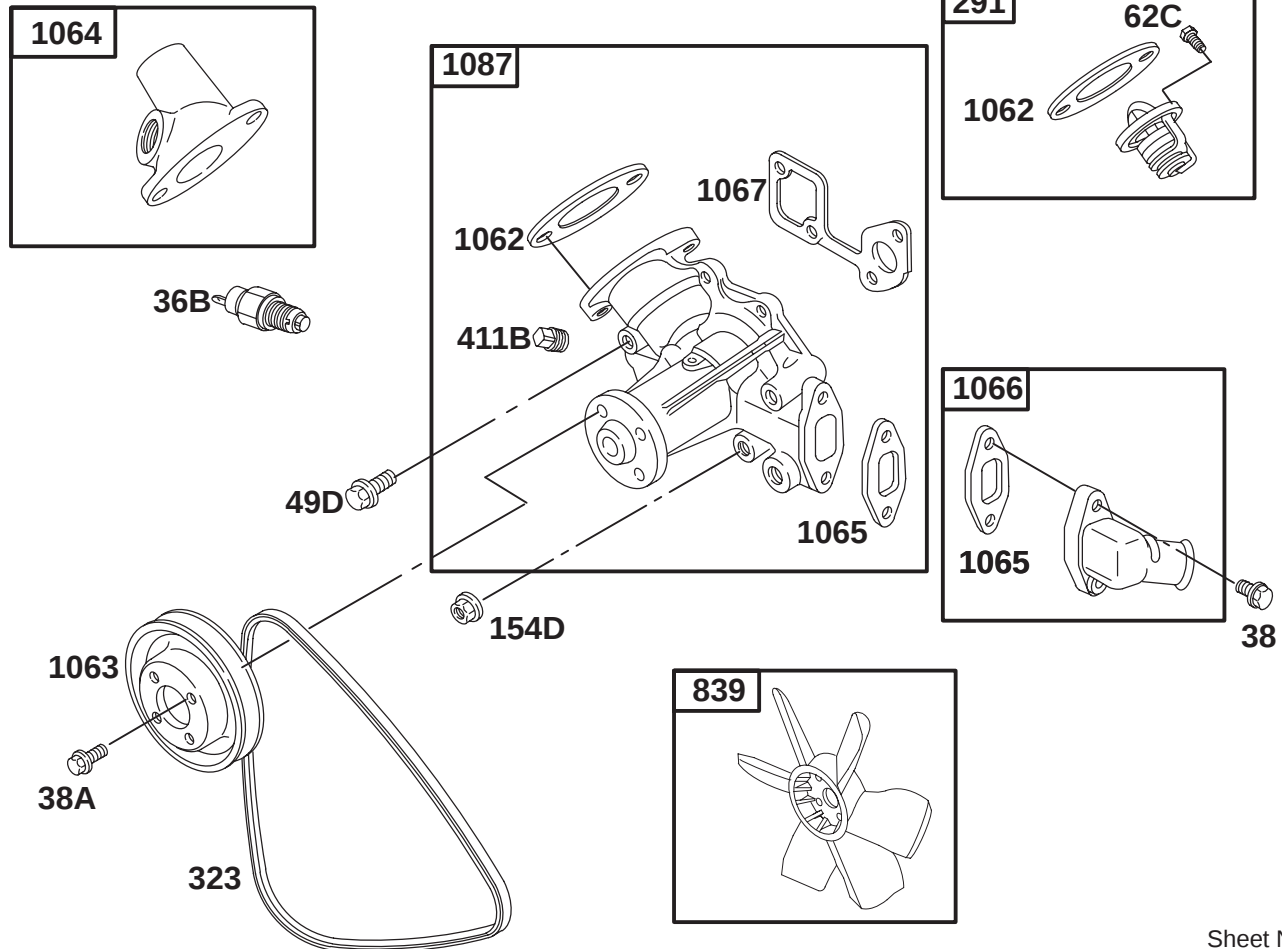


Sheet No.:10

Gear Housing Assembly

Ref. No.	Part No.	Qty.	Description
88	99-9653	1	Gasket-Cover , Gear
112	99-9007	1	Stud-Metric
115	99-9655	1	Housing-Gear
249	99-9142	1	Valve-Relief, Oil
38F	99-9134	1	Screw-Hex
38G	99-9133	4	Screw-Hex
49C	99-9135	1	Screw-Hex
746	99-9656	1	Gear-Drive
88A	99-9136	1	Gasket-Cover , Gear
112E	99-9137	2	Stud-Metric
112F	99-9654	2	Stud-Metric

Ref. No.	Part No.	Qty.	Description

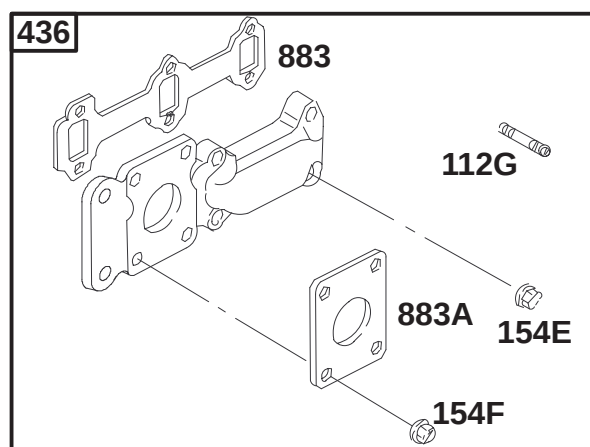
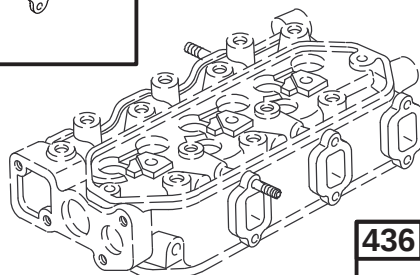


Sheet No.:11

Water Pump Assembly

Ref. No.	Part No.	Qty.	Description
38	99-9004	2	Screw-Hex
291	99-9155	1	Thermostat
323	99-8153	1	Belt-V
36B	99-9157	1	Switch-T emp., Water
38A	99-91 11	4	Screw-Hex
49D	99-9151	2	Screw-Hex
62C	99-9152	1	Screw-Metric
839	104-3969	1	Fan-Engine
1062	99-9163	1	Gasket-Outlet
1063	99-9164	1	Pulley-Pump
1064	99-9165	1	Housing-Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1066	99-9167	1	Housing-Inlet
1067	99-9168	1	Gasket-Pump, Water
1087	105-3832	1	Pump-W ater
154D	99-9153	1	Nut-Hex, Metric
411B	99-9159	1	Plug

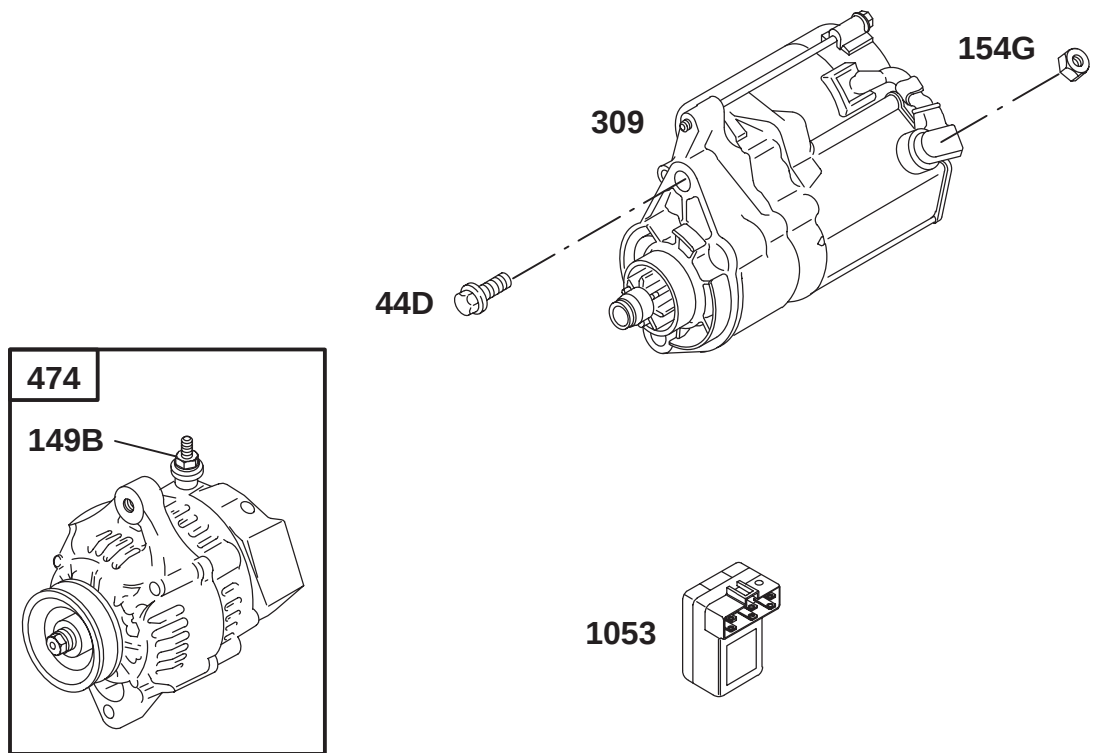
Ref. No.	Part No.	Qty.	Description



Manifold Assembly

Ref. No.	Part No.	Qty.	Description
38	99-9004	1	Screw-Hex
50	99-9661	1	Manifold-Intake
51	99-9662	1	Gasket-Intake
38H	99-9660	3	Screw-Hex
436	99-9177	1	Manifold-Exhaust
883	99-9178	1	Gasket-Exhaust
112G	100-6407	4	Stud-Manifold, Exhaust
149B	99-9114	2	Nut-Hex, Metric
154E	99-9175	6	Nut-Hex, Metric
154F	99-9176	4	Nut-Hex
883A	99-9179	1	Gasket-Exhaust

Ref. No.	Part No.	Qty.	Description

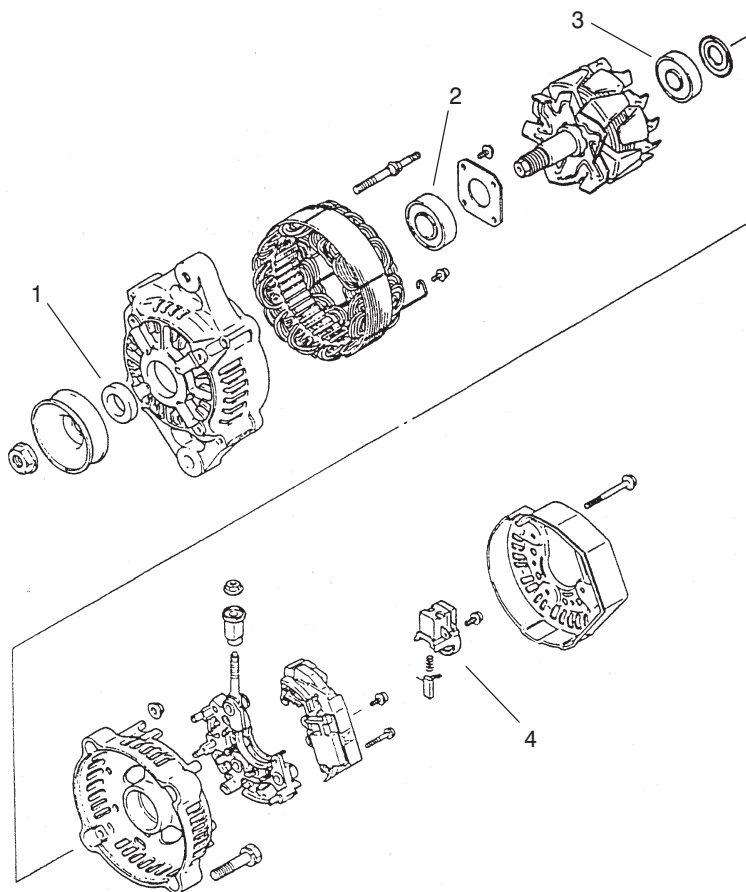


Sheet No.:13

Alternator Assembly

Ref. No.	Part No.	Qty.	Description
309	104-7716	1	Motor-Starter
44D	99-9201	2	Screw-Hex
474	99-9209	1	Alternator
1053	99-9666	1	Module
149B	99-91 14	1	Nut-Hex, Metric
154G	99-9206	1	Nut-Hex, Metric

Ref. No.	Part No.	Qty.	Description



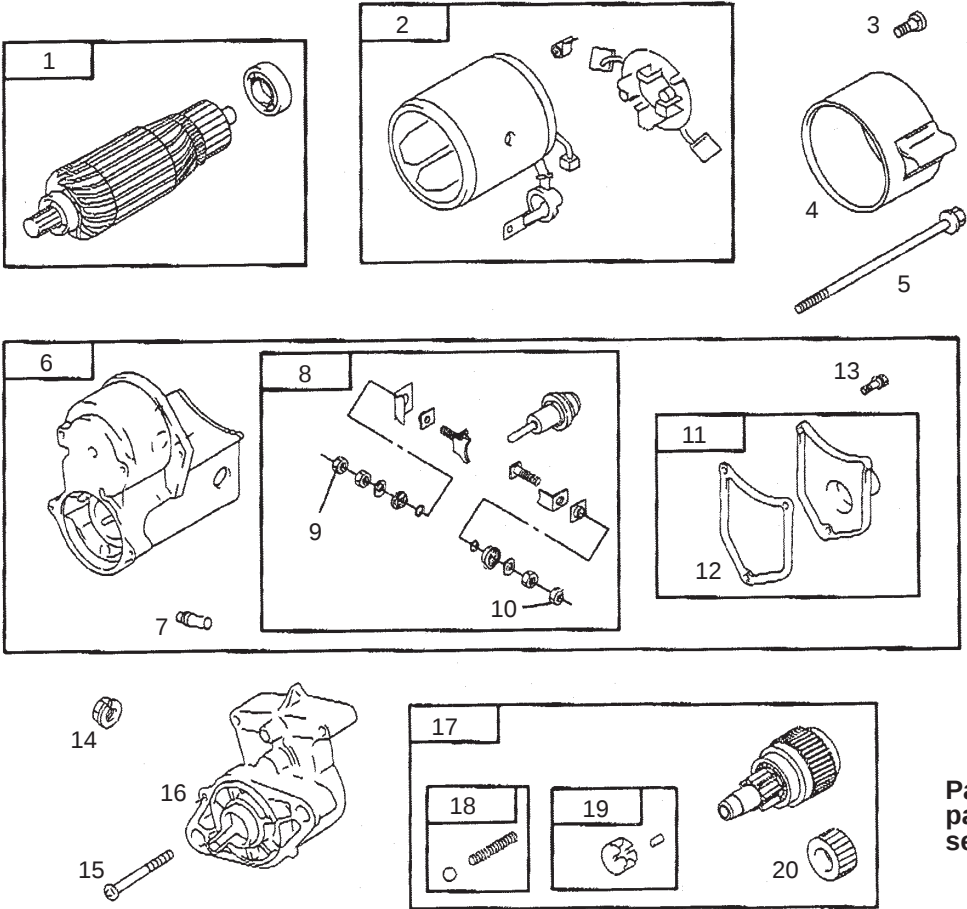
**Parts not listed in
part list are not
serviced separately**

T-3540
Sheet No.:A1

Alternator Assembly No. 99-9209

Ref. No.	Part No.	Qty.	Description
1	100-5315	1	Collar
2	100-5316	1	Bearing
3	100-5317	1	Bearing
4	100-5318	1	Brush Holder ASM

Ref. No.	Part No.	Qty.	Description



Parts not listed in
part list are not
serviced separately

Sheet No.:A2

Starter Motor Assembly No. 104-7716

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	105-8638	1	Starter Armature				
2	105-8639	1	Starter Housing				
☆3		1	Screw				
☆4		1	End Cap				
☆5		1	Screw				
6	105-8640	1	Solenoid-Starter				
☆7		1	Vent Plug				
8	105-8636	1	Plunger/Terminal Kit				
☆9		2	Nut				
☆10		2	Nut				
☆11		1	Solenoid Cover				
☆12		1	Gasket-Solenoid Cover				
☆13		1	Screw				
☆14		1	Nut				
☆15		1	Screw				
☆16		1	Drive Cap				
17	105-8637	1	Starter Drive				
☆18		1	Spring Detent				
☆19		1	Clutch Roller				
☆20		1	Starter Drive Gear				

☆ Not serviced separately



Ref. No.	Part No.	Qty.	Description

Maintenance Record

[illegible]

Maintenance Record

[illegible]

Maintenance Record

[illegible]

