Form Number 3353-129

Reelmaster® 2000-D

Model No. 03428 - 250000001 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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Part Description Abbreviations

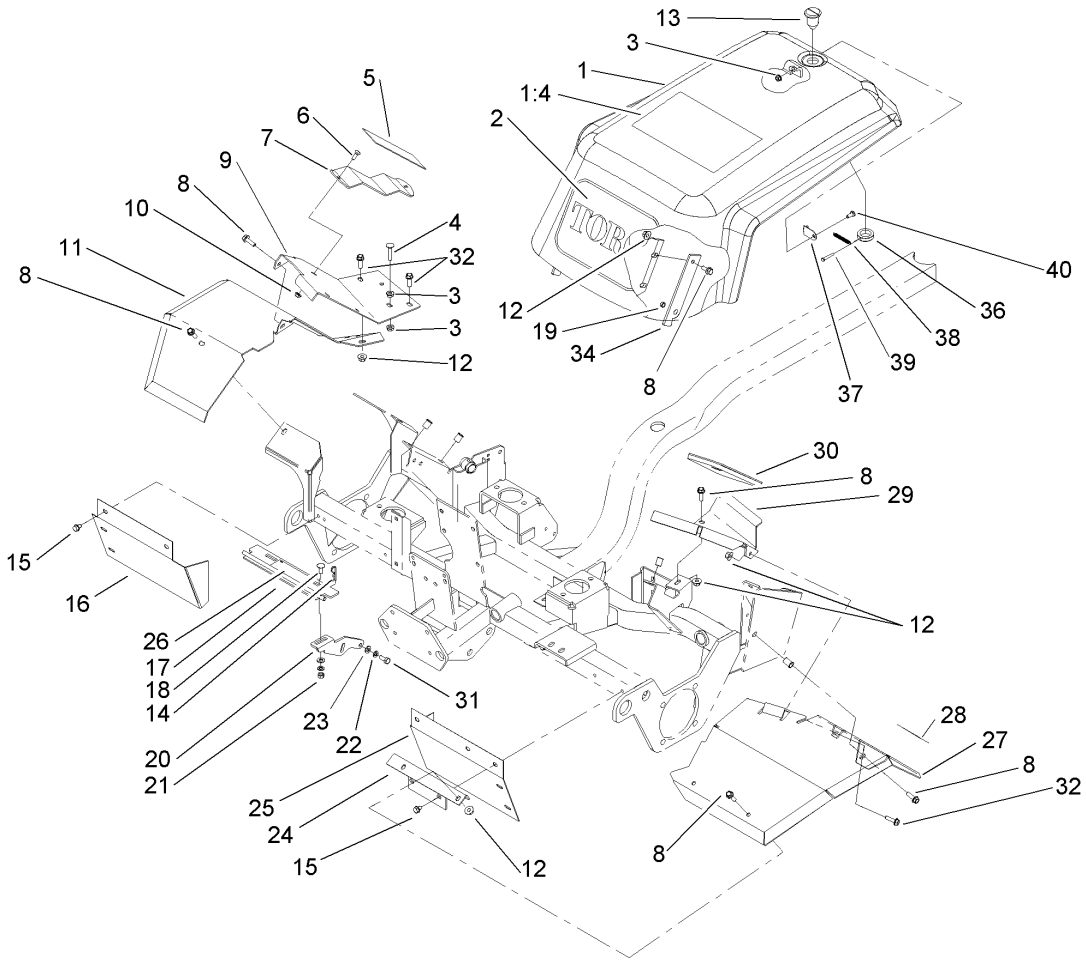
Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
CARR. . . . . carriage
DEG. . . . . degrees
EXT. . . . . external
FH. . . . . flat head
GA. . . . . gauge
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HS. . . . . hex
HSBH. . . . . hex socket button head
HSFH. . . . . hex socket flat head
HSH. . . . . hex socket head
HWH. . . . . hex washer head
HWHTF. . . . . hex washer head thread forming
HYD. . . . . hydraulic
INC. . . . . incorporated
LH. . . . . left hand
NI. . . . . nylon insert
NPTF. . . . . national pipe thread fine
PPH. . . . . phillips pan head
PRH. . . . . phillips round head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
ROPS. . . . . roll over protection system
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard

Footnotes

❶ Not illustrated

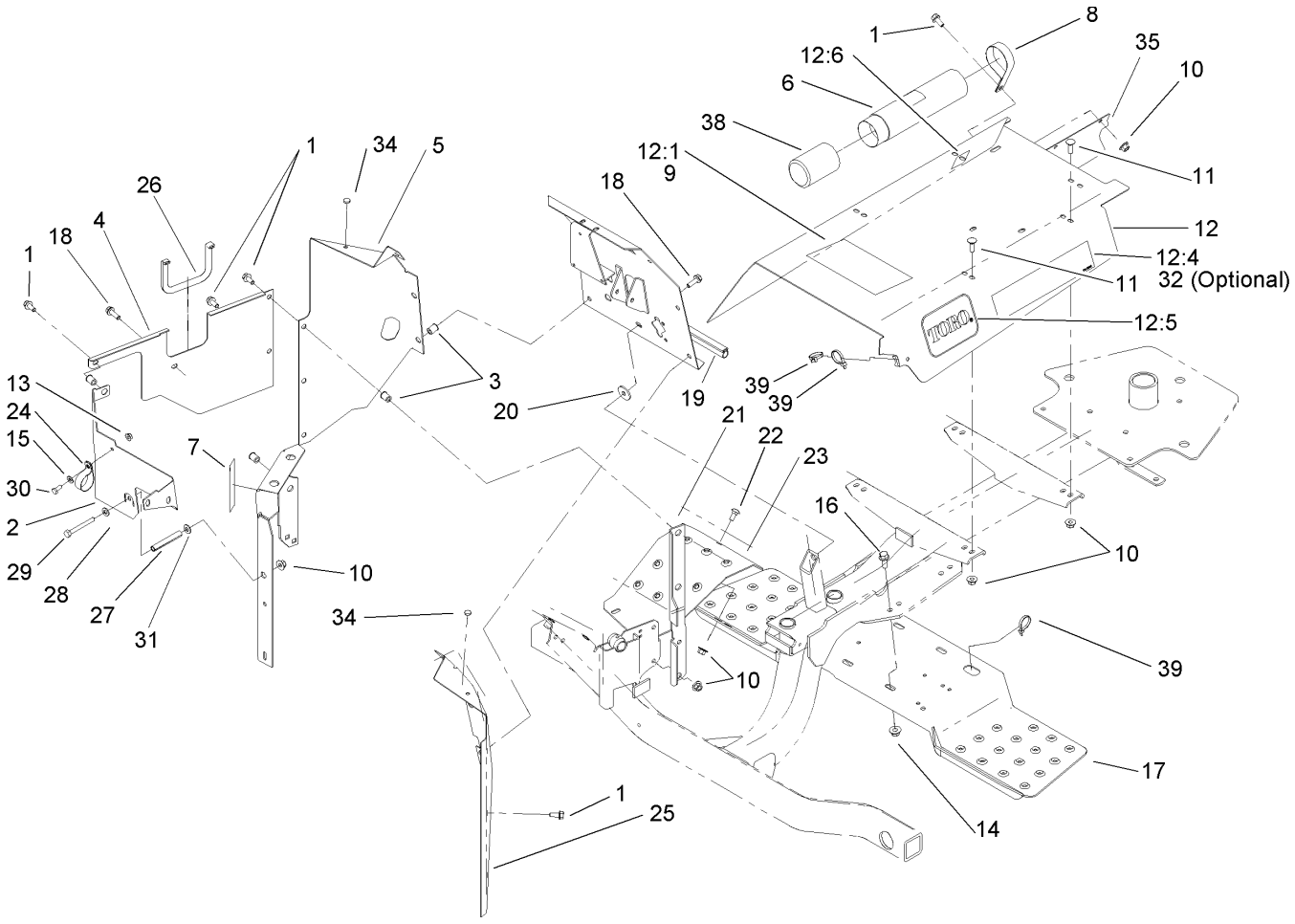
❷ Not serviced separately



Hood Assembly

Ref	Part No.	Qty.	Description
1	104-3987	1	Hood ASM
❶1:1	106-8117	1	Heat Tape Repair Kit
1:4	106-8109	1	Decal
2	66-1210	1	Decal
3	32128-20	3	Nut-HF
4	3230-27	1	Screw-CARR
5	76-2260	1	Pad-Footrest
6	3229-1	2	Screw-CARR
7	76-2200-03	1	Footrest-Pedal, Traction
8	3234-5	8	Screw-HHF
9	93-6779-03	1	Footrest-RH
10	32128-33	3	Nut-HF
11	93-6778-01	1	Fender-RH
12	32128-44	16	Nut
13	104-4074	1	Stud-Latch
14	3290-467	1	Pin-Hair
15	32104-82	5	Screw-HHF
16	104-4062-01	1	Shield-Front, RH
17	93-6780-03	1	Hinge ASM
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

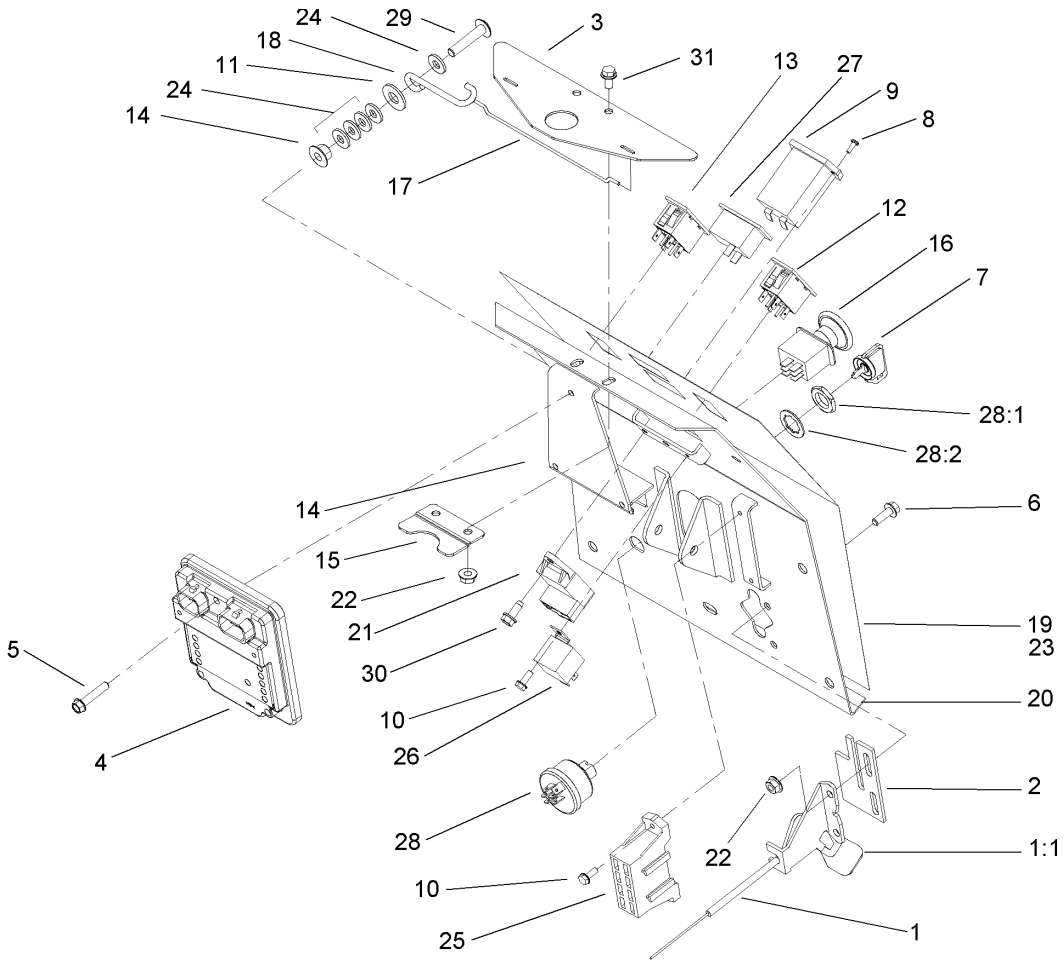
Ref	Part No.	Qty.	Description
23	3256-23	6	Washer-Flat
24	83-8510-01	1	Bracket-Fender, Left
25	83-9800-01	1	Grass Shield-Front, LH
26	94-5056	1	Decal
27	93-6776-01	1	Fender-LH
28	93-7267	1	Decal-Brake
29	83-9710-03	1	Footrest-Pedal, Traction
30	83-9840	1	Pad-Foot
31	322-3	4	Screw-HH
32	3234-17	10	Screw-HHF
34	104-3968-03	2	Bracket-Hood
36	104-4078	1	Collar-Latch
37	104-4079	1	Bracket-Spring
38	104-4080	1	Spring-Extension
39	3290-360	1	Screw-HH
40	3290-145	1	Screw
99	3290-379	2	Tie-Cable



Skirt and Body Panel Assembly

Ref	Part No.	Qty.	Description
1	3234-5	15	Screw-HHF
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	106-8120	1	Decal-Danger, Ce
8	2412-133	2	R-Clamp
9	106-8119	1	Decal-Warning, Ce
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
13	32128-33	1	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	2	Screw-HHF
19	76-6471	1	Strip-Seal, Firewall
20	62-7170	1	Spacer-Rubber

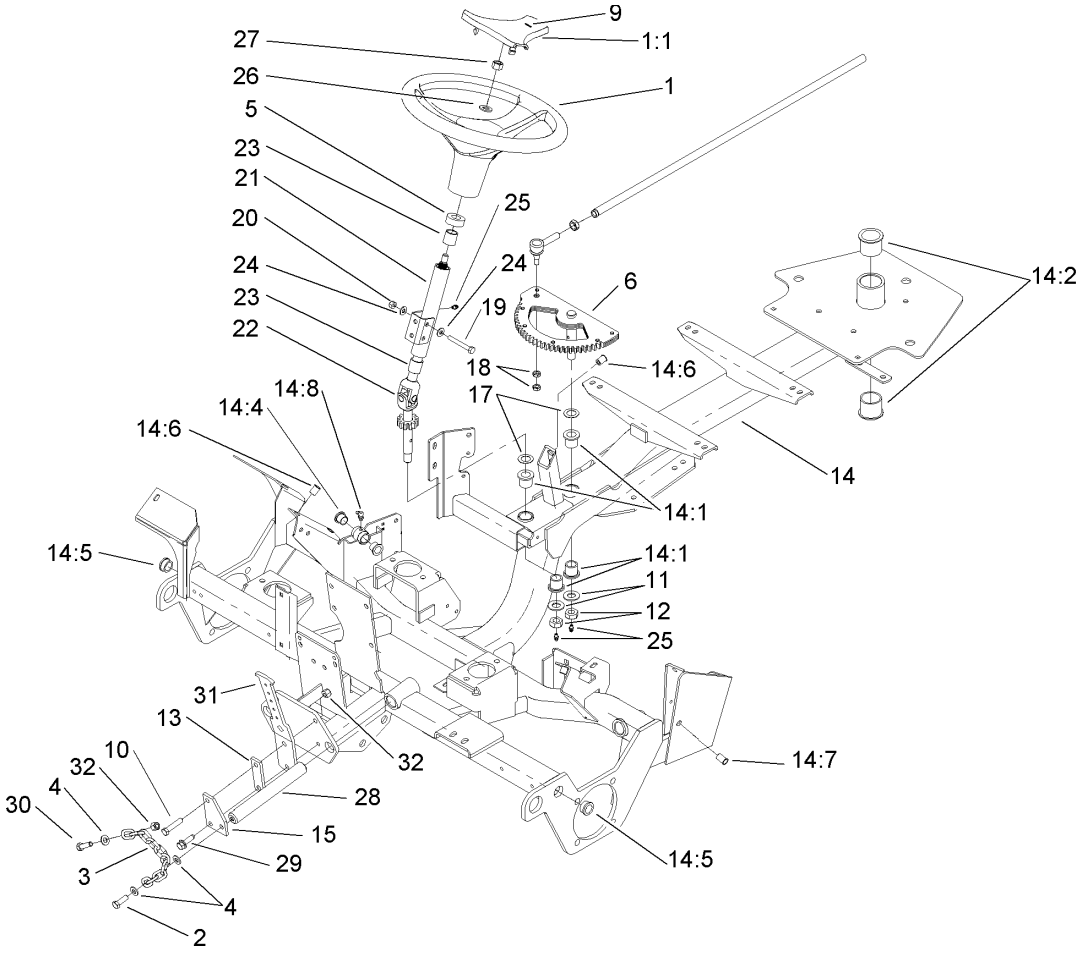
Ref	Part No.	Qty.	Description
21	104-4009-03	1	Angle-Right
22	3230-1	1	Bolt-CARR
23	93-6938-03	1	Shield-Footrest
24	2412-74	1	R-Clamp
25	93-6732-03	1	Panel-Rear, Left
26	104-4060	1	Trim
27	93-6908	1	Spacer-Split
28	3256-23	1	Washer-Flat
29	322-23	1	Screw-HH
30	321-3	1	Screw-HH
31	87-8640	1	Washer-Flat
32	104-4014	1	Decal-Sport, Reelmaster
34	104-4098	2	Seal-Foam
35	104-4086-01	1	Shield-Muffler
38	104-7048	1	Cap-Housing
39	3290-379	3	Tie-Cable



Instrument Panel Assembly

Ref	Part No.	Qty.	Description
1	104-3967	1	Cable-Control, Throttle
1:1	66-0120	1	Knob
2	93-6743	1	Stop-Throttle
3	104-4075-03	1	Plate-Latch
4	106-9277	1	Module-Control, Standard
5	32144-110	3	Screw-HWH
6	3234-4	2	Screw-HHF
7	63-8360	2	Key-Ignition
8	32144-18	2	Screw-HH
9	75-6820	1	Hourmeter
10	32144-1	3	Screw-Taptite
11	3256-4	1	Washer-Flat
12	100-8070	1	Lamp-Warning
13	100-8071	1	Lamp-Warning
14	32128-44	2	Nut
15	104-4076-03	1	Plate-Spring, Keeper
16	93-9998	1	Switch-PTO
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
22	32128-33	4	Nut-HF
23	104-3994	1	Decal

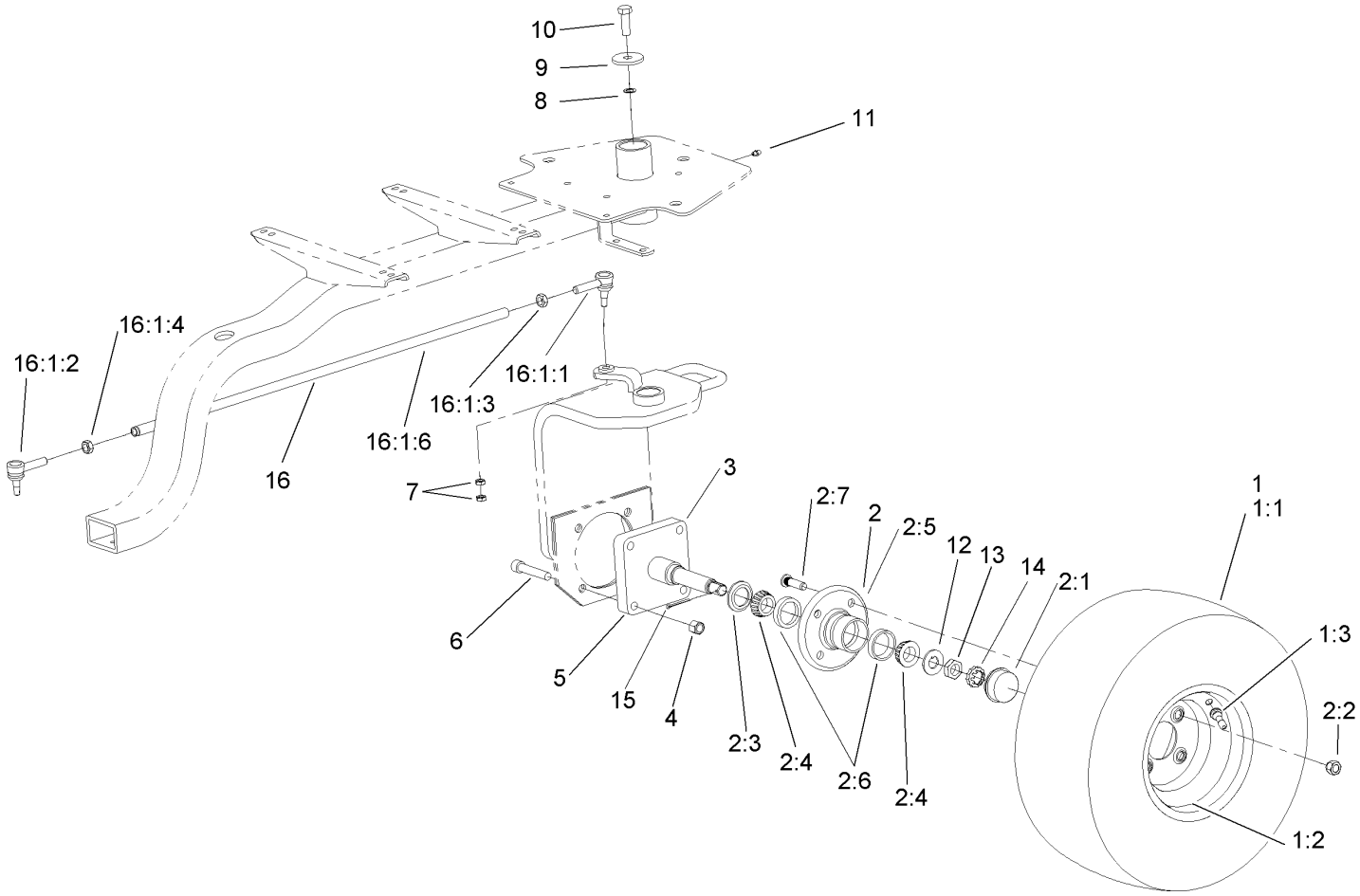
Ref	Part No.	Qty.	Description
24	3256-2	5	Washer-Flat
25	104-4064	1	Harness-Wire, Main
❶25:1	218-578	1	Fuse-10 Amp
❶25:2	109355	1	Fuse-15 Amp
❶25:3	104-4022	1	Resistor-75 Ohm
❶25:4	94-6710	1	Fuse-Blade, 2 Amp
26	99-7435	1	Relay-Power
27	104-4071	1	Light-Indicator, Amber
28	104-2541	1	Key Switch ASM
28:1	218-461	1	Nut-HH
28:2	3254-5	1	Washer-Tooth
29	322-41	1	Screw-HH
30	32144-10	1	Screw-HWH
31	3234-13	2	Screw-HHF



Steering Assembly

Ref	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	106-8125	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, 90 Degree
15	98-3446	2	Plate-Reinforcement
17	3-6498	6	Washer-Thrust
18	3220-3	2	Nut-Jam
19	322-12	1	Screw-HH

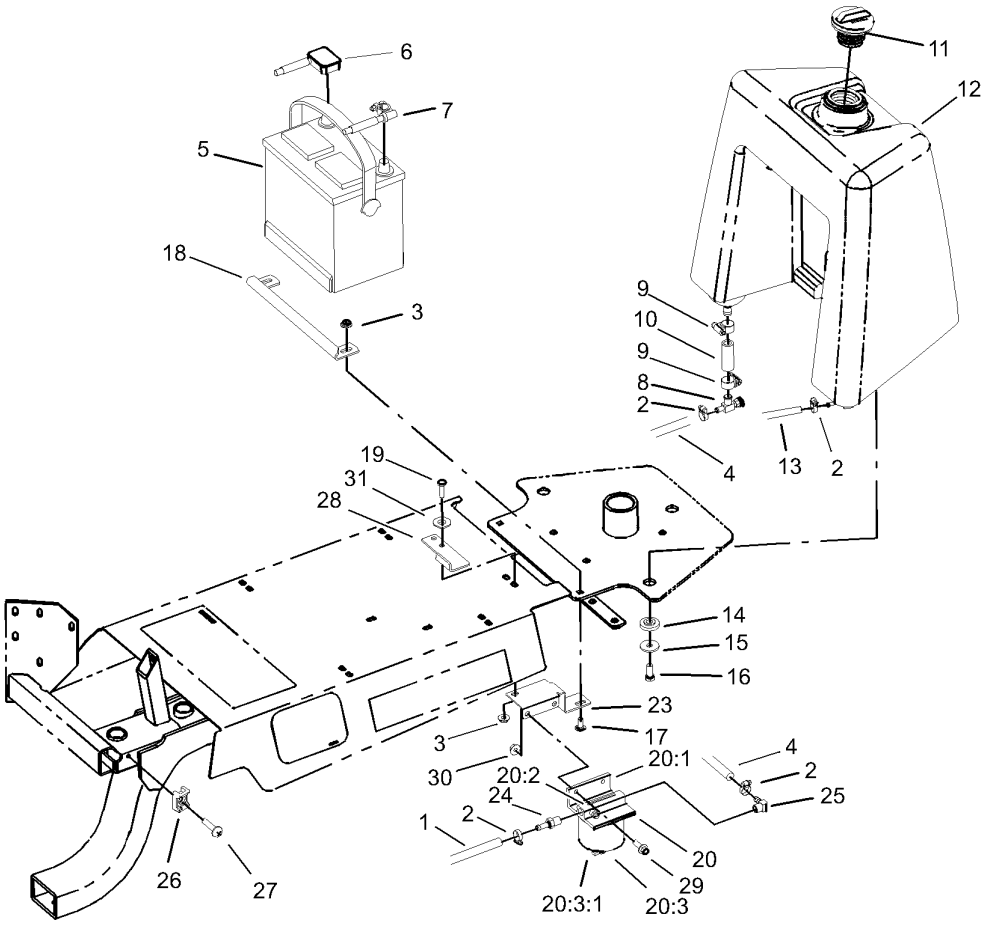
Ref	Part No.	Qty.	Description
20	3296-29	1	Nut-Lock, NI
21	93-6769-03	1	Column-Steering
22	94-5969	1	Shaft And Gear-Steering
23	256-27	2	Bushing
24	87-8640	2	Washer-Flat
25	302-5	3	Fitting-Grease
26	3256-26	1	Washer-Flat
27	3296-25	1	Nut-Lock, NI
28	92-1812	2	Shaft-Pivot, Lift
29	32144-109	2	Screw
30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



Castor Fork Assembly

Ref	Part No.	Qty.	Description
❷1		1	Tire And Wheel ASM
1:1	94-5028	1	Tire
1:2	93-6881	1	Rim ASM
1:3	232-27	1	Stem-Valve
❷2		1	Hub ASM
2:1	241-119	1	Cap-Dust
2:2	242-50	4	Nut-Lug
2:3	253-129	1	Seal
2:4	254-94	2	Bearing-Cone, Tapered
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	325-3	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

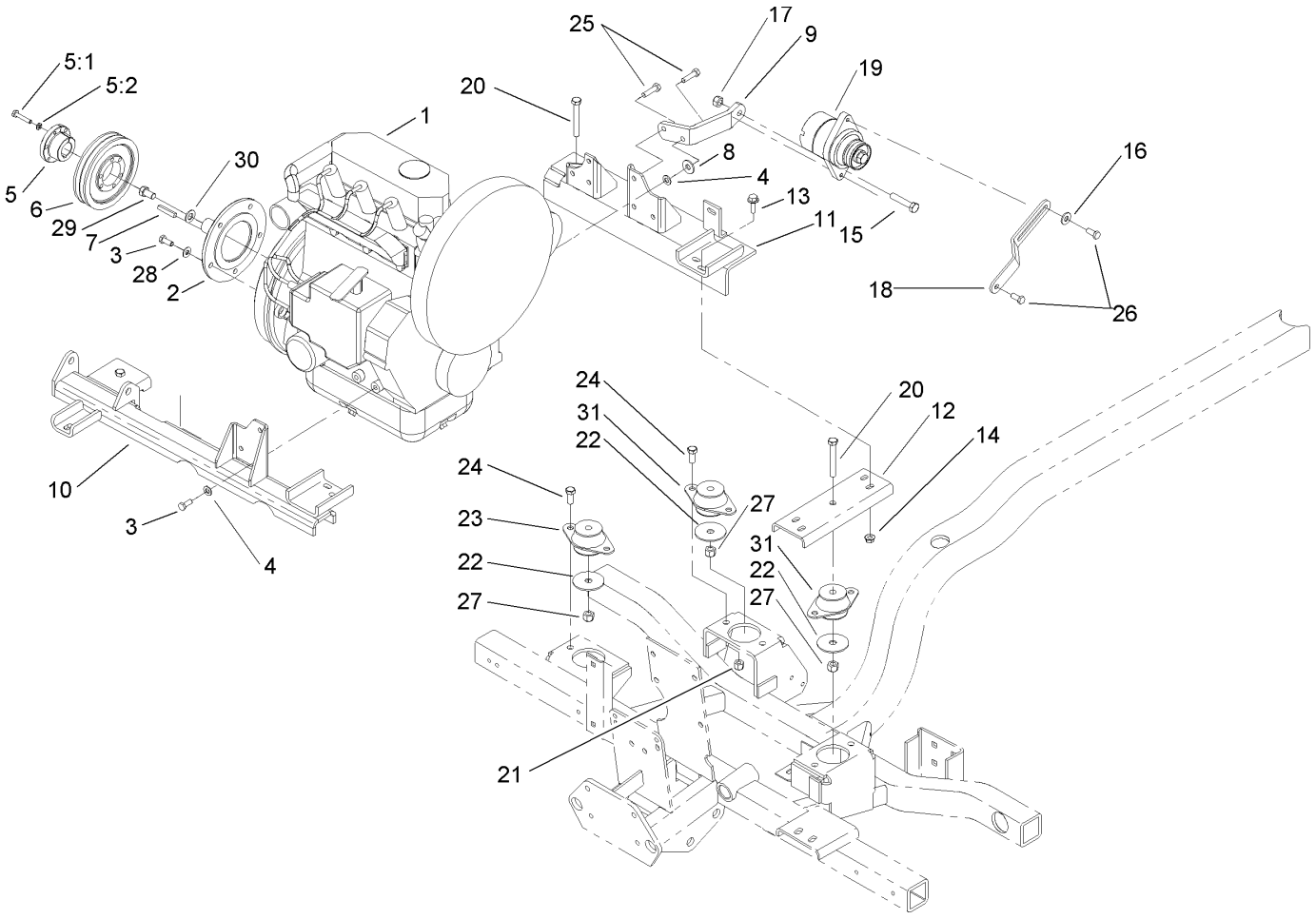
Ref	Part No.	Qty.	Description
15	3272-13	1	Pin-Cotter
❷16		1	Steering Tube ASM
16:1:1	21-0141	1	RH Ball Joint ASM
16:1:2	21-0151	1	LH Ball Joint ASM
16:1:3	3220-12	1	Nut-Hex Jam, LH Thread
16:1:4	3220-5	1	Nut-Jam
16:1:6	61-2070-03	1	Tube-Steering



Fuel Tank and Filter Assembly

Ref	Part No.	Qty.	Description
1	93-5483	1	Hose-Fuel
2	2412-108	4	Clamp-Worm
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	Bushing-Flange
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/Water
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

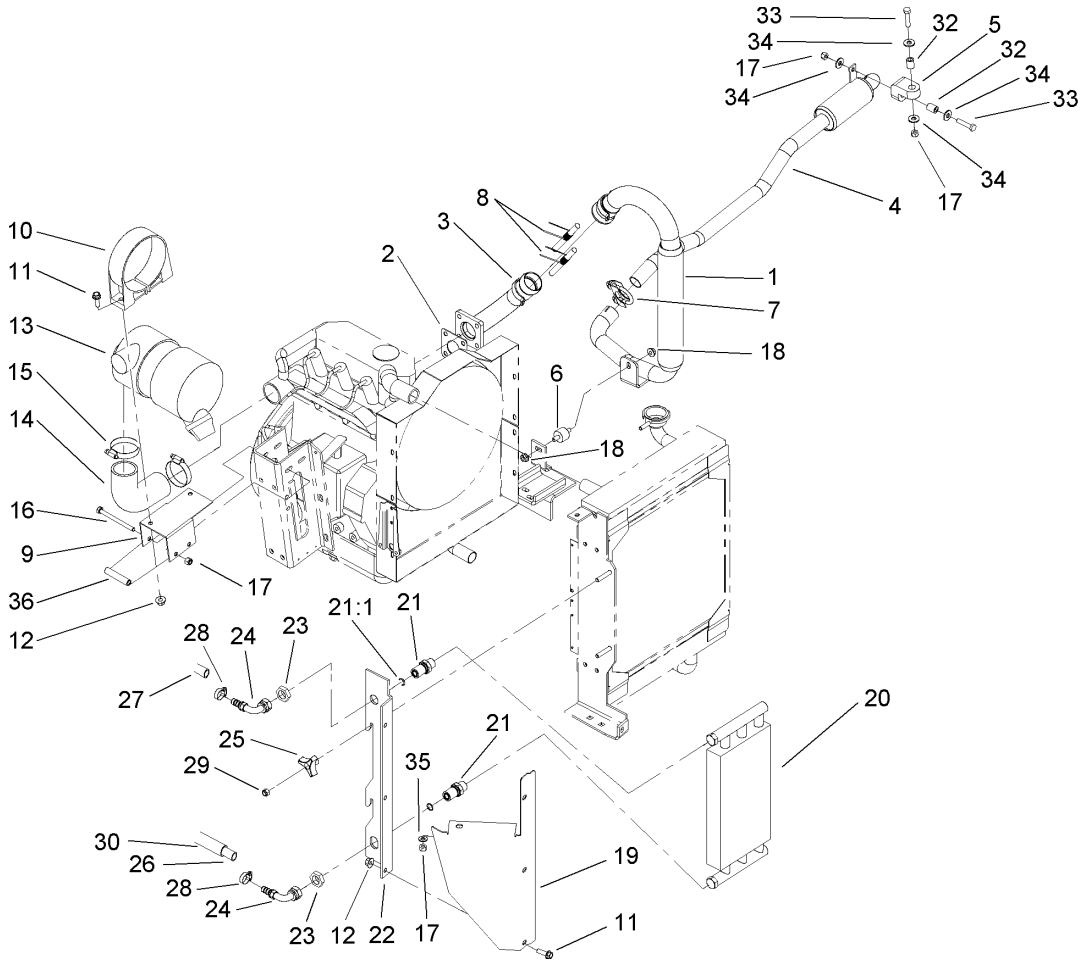
Ref	Part No.	Qty.	Description
23	104-3947-01	1	Bracket-Filter, Fuel
24	353-783	1	Fitting
25	353-781	1	Fitting-Elbow
26	3290-509	1	Tie-Mount
27	63-8590	1	Screw
28	104-4028-01	1	Bracket-Stop
29	3234-4	2	Screw-HHF
30	32128-33	2	Nut-HF
31	3256-3	1	Washer-Flat



Engine Assembly

Ref	Part No.	Qty.	Description
1	104-3855	1	Engine-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

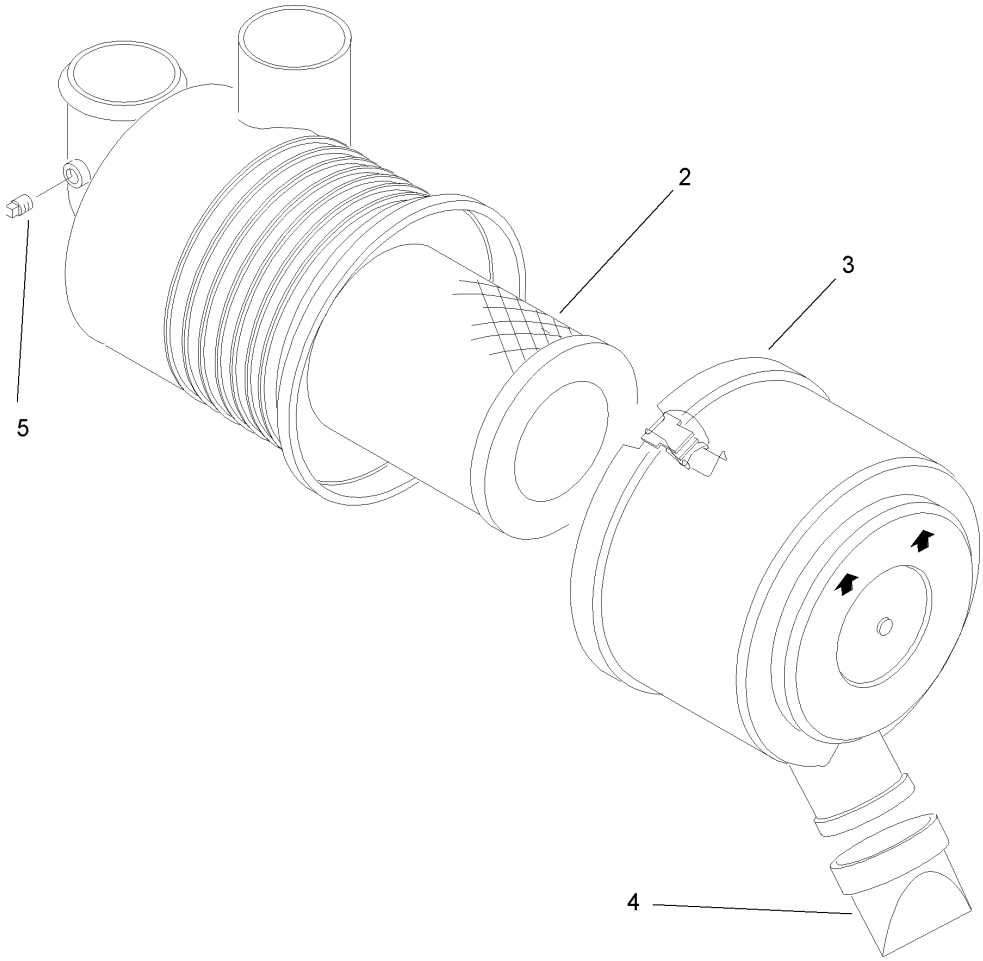
Ref	Part No.	Qty.	Description
23	53-9681	1	Mount-Engine
24	323-5	6	Screw-HH
25	33114-030	2	Screw-HH
26	33114-020	2	Screw-HH
27	3296-48	3	Nut-Lock, NI
28	87-8640	5	Washer-Flat
29	3212-2	1	Screw-HH
30	3256-25	1	Washer-Flat
31	53-9680	2	Mount-Engine



Muffler, Air Cleaner and Oil Cooler Assembly

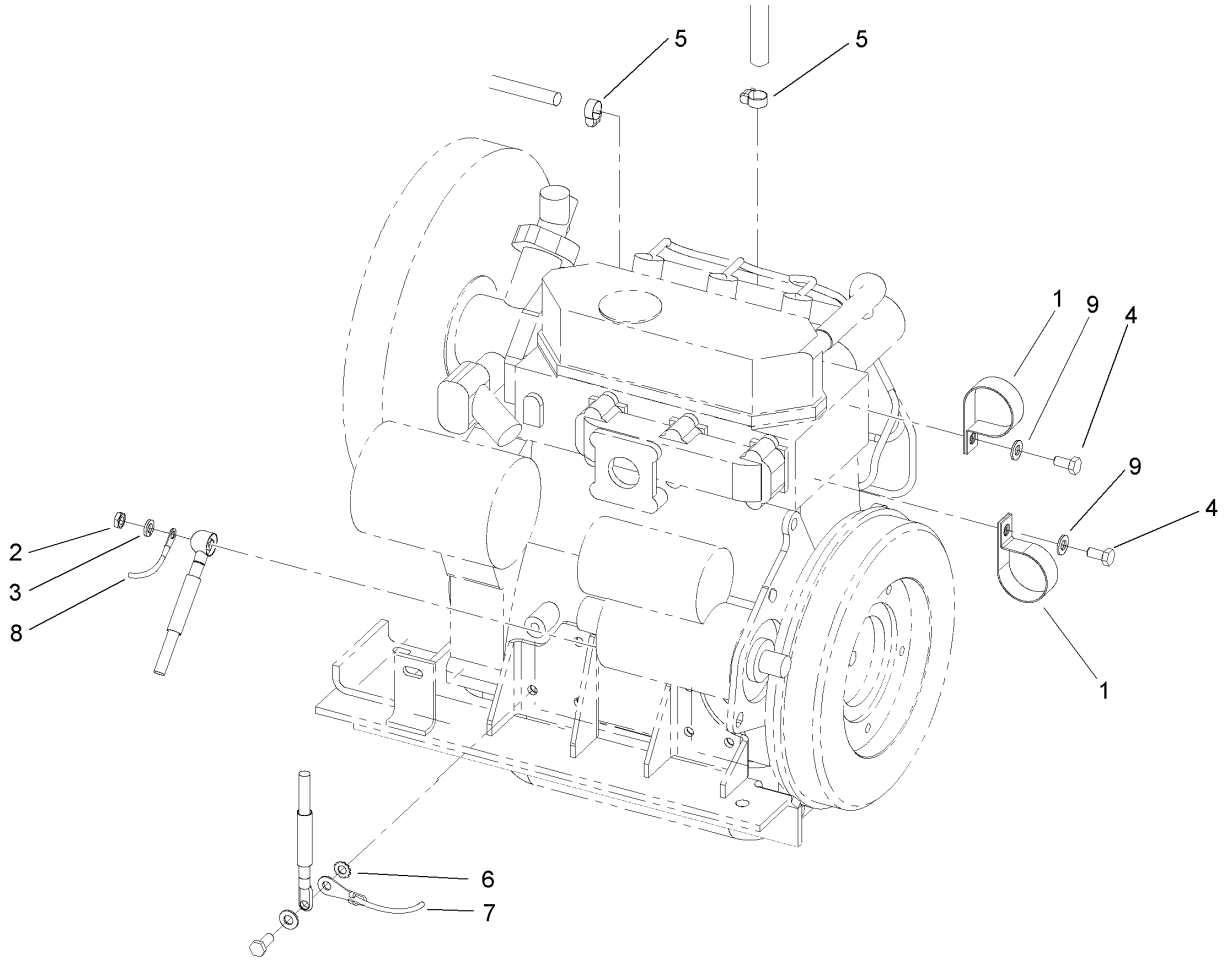
Ref	Part No.	Qty.	Description
1	104-4034	1	Muffler
2	99-9179	1	Gasket-Exhaust
3	104-4035	1	Header-Muffler
4	104-4036	1	Tailpipe
5	95-5622	1	Hanger-Rubber
6	104-4038	1	Isolator-Rubber
7	104-4090	1	Clamp-Muffler
8	104-6478	2	Spring-Coupler, Exhaust
9	104-3884-03	1	Bracket-Cleaner, Air
10	95-5806	1	Bracket-Mounting
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

Ref	Part No.	Qty.	Description
24	93-6803	2	Fitting-90 DEG
25	73-4740	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, Side
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
36	106-8121	2	Spacer



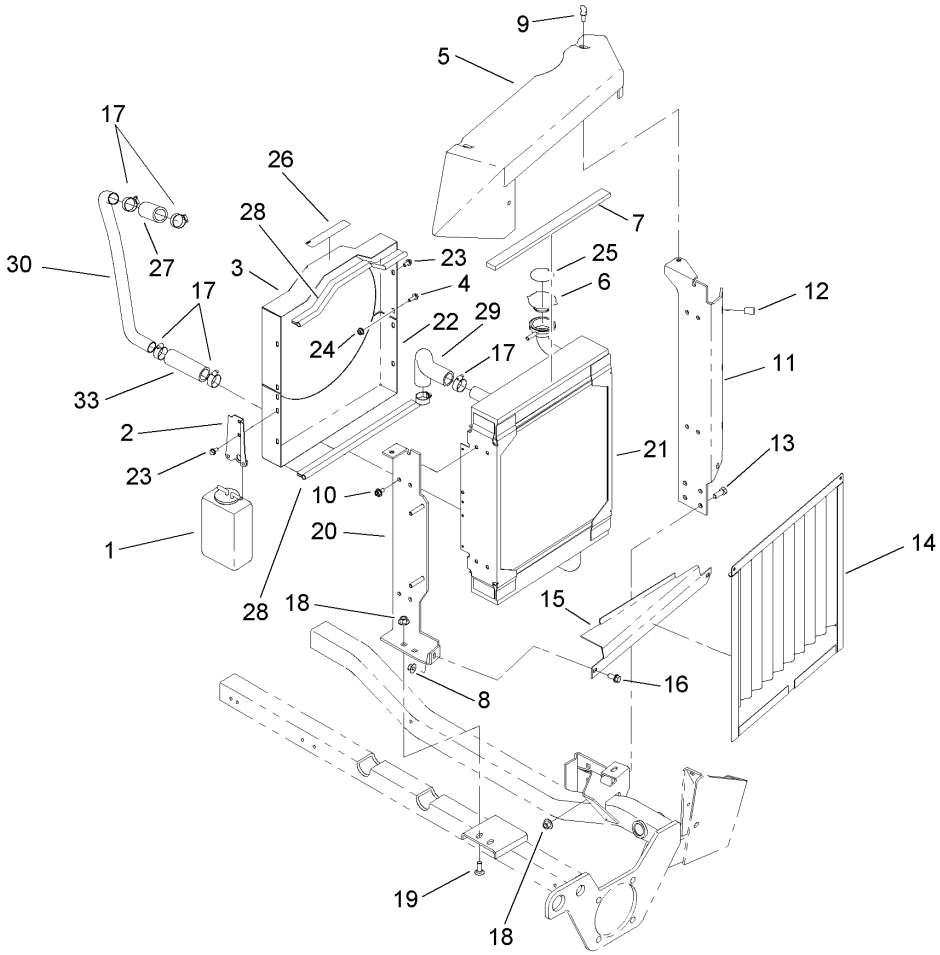
Air Cleaner Assembly No. 93-2190

Ref	Part No.	Qty.	Description
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Engine Installation Assembly

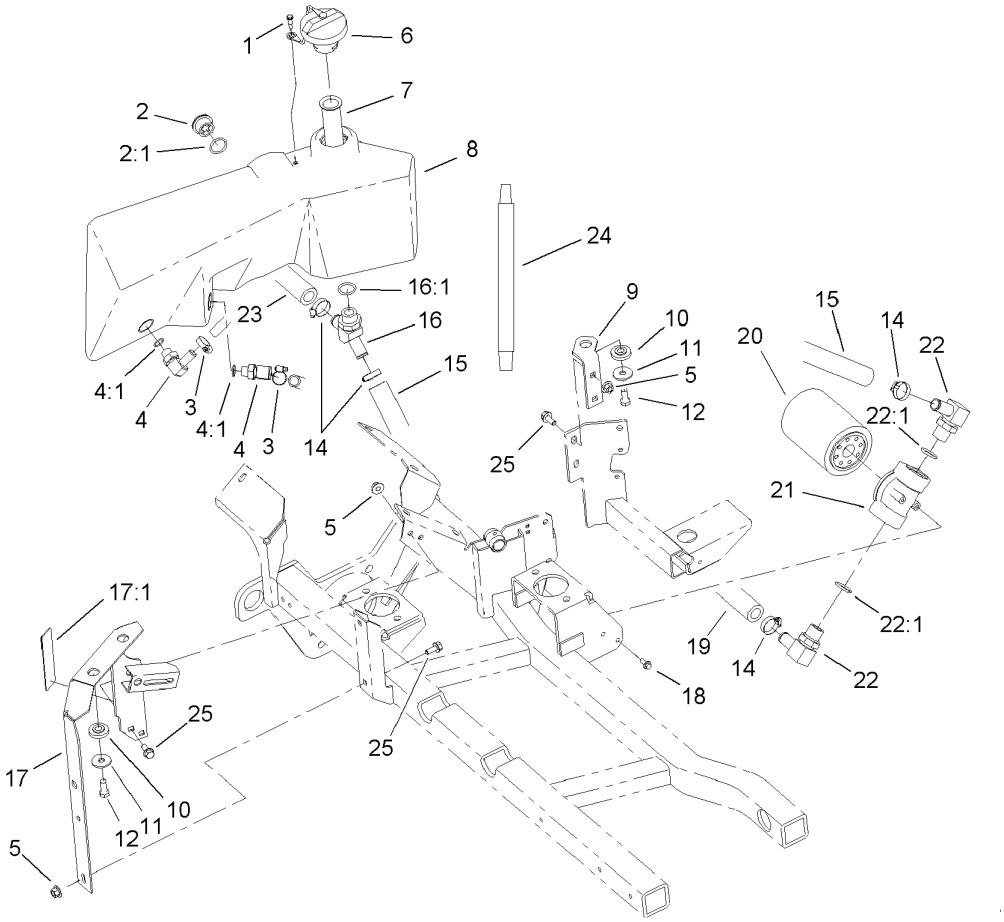
Ref	Part No.	Qty.	Description
1	2412-96	2	Clamp-R
2	57-6390	1	Nut-Jam
3	3253-4	1	Washer-Lock
4	33114-016	2	Screw-HH
5	2412-108	2	Clamp-Worm
6	3255-8	1	Washer-Lock
7	104-3986	1	Harness-Wire, Engine
❶7:1	100-4918	1	Diode
8	99-3441	1	Harness-Wire, Fusible Link
9	3256-23	2	Washer-Flat



Radiator Assembly

Ref	Part No.	Qty.	Description
1	104-3930	1	Tank-Radiator, Surge
2	104-3931	1	Mounting-Tank, Surge
3	104-3944-03	1	Shroud-Radiator, Top
4	3234-4	2	Screw-HHF
5	83-8040	1	Cover-Left
6	66-3240	1	Cap-Radiator
7	83-9030	1	Foam-Top
8	32128-44	3	Nut
9	104-4000	2	Screw-Thumb
10	3234-28	8	Screw-HHF
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-HHF
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
23	32104-116	7	Screw
24	32128-33	2	Nut-HF

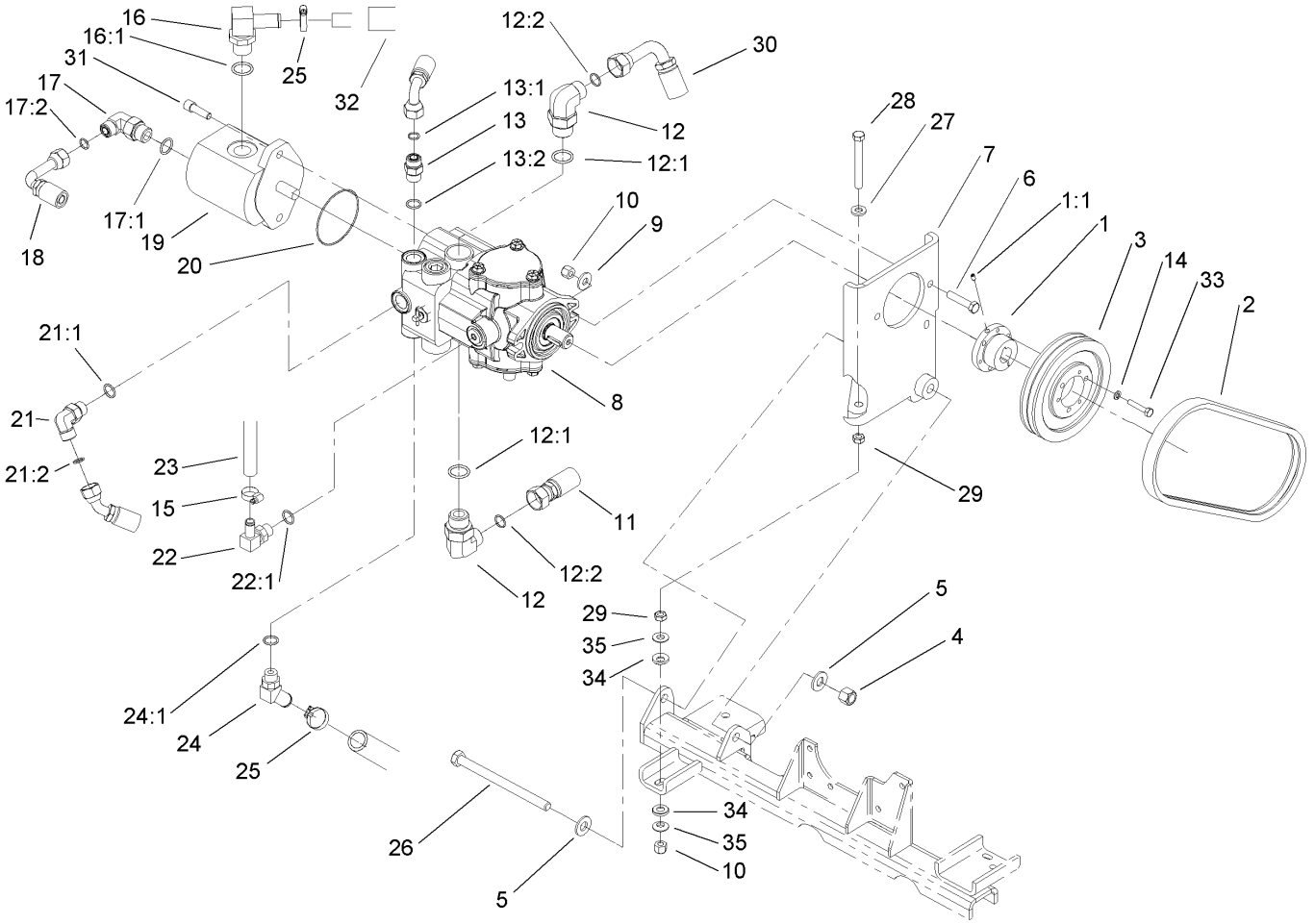
Ref	Part No.	Qty.	Description
25	106-5976	1	Decal-Warning
26	93-7272	1	Decal-Warning
27	104-3912	1	Hose-Radiator
28	104-4029	2	Seal-Bulb
29	104-3911	1	Hose-Radiator, Top
30	104-3914-03	1	Tube-Radiator
33	104-4068	1	Hose-Radiator



Hydraulic Tank and Filter Assembly

Ref	Part No.	Qty.	Description
1	57-5420	1	Screw-Shoulder
2	69-1170	1	Glass-Sight
2:1	237-81	1	O-Ring
3	2412-36	2	Clamp-Hose
4	106-8108	2	Fitting-HYD, 90 DEG
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	106-8110	1	Tank-HYD
9	83-9920	1	Bracket-Tank, HYD
10	240-11	3	Bushing-Flange
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 DEG
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	104-4011	1	Hose-Suction
20	54-0110	1	Filter-Oil, Transmission
21	68-8990	1	Filter Head ASM

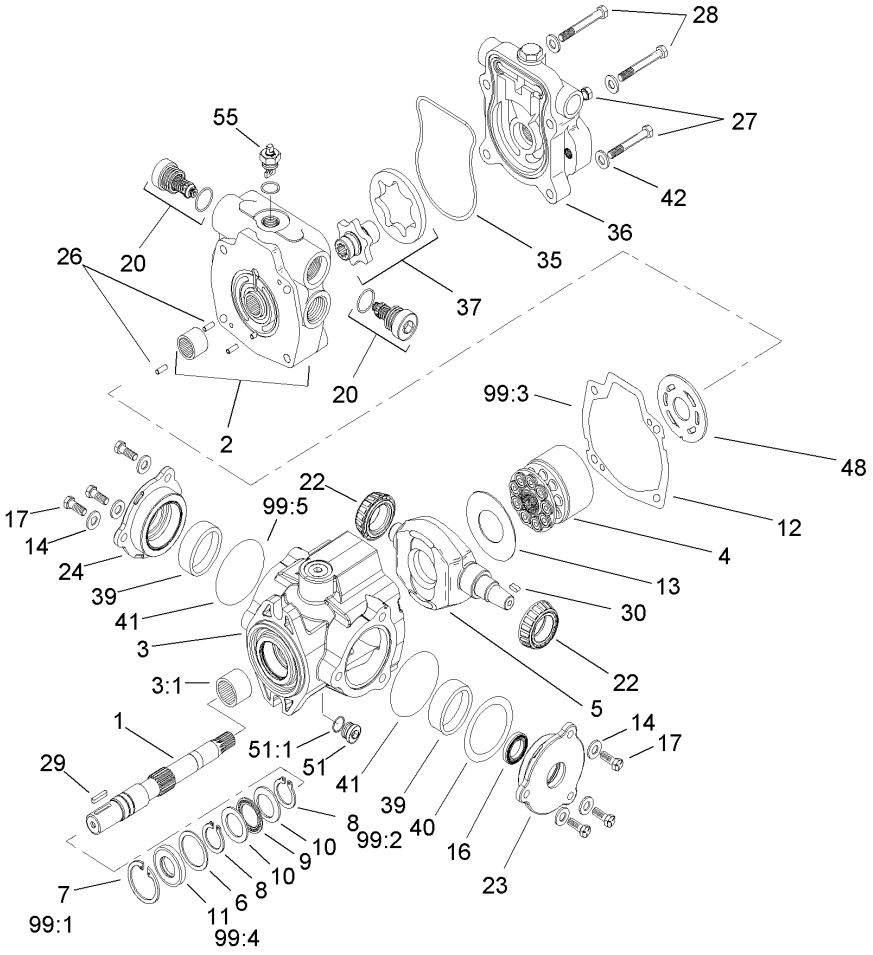
Ref	Part No.	Qty.	Description
22	353-987	2	Fitting-HYD, 90 DEG
22:1	237-81	1	O-Ring
23	93-6857	1	Hose-Suction
24	88-9220	1	Plug-Reservior
25	3234-5	5	Screw-HHF



Hydraulic Pump Assembly

Ref	Part No.	Qty.	Description
1	93-6842	1	Bushing-Lock, Taper
1:1	3245-36	1	Screw-Set, HS
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 DEG
12:1	237-81	1	O-Ring
12:2	237-65	1	O-Ring
13	340-4	1	Fitting-HYD, Straight
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 DEG
16:1	237-81	1	O-Ring
17	340-105	1	Fitting-HYD, 90 DEG
17:1	237-80	1	O-Ring

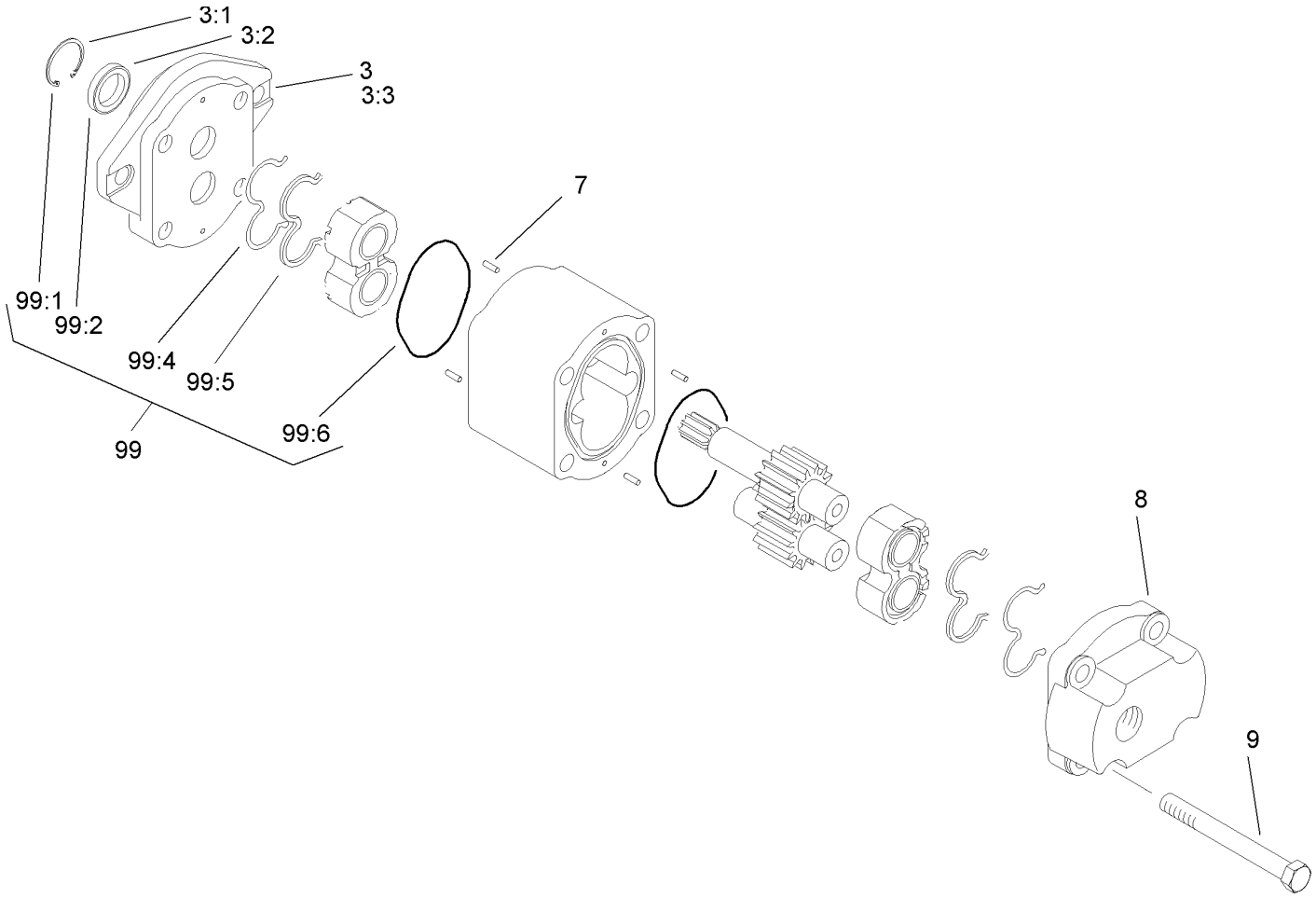
Ref	Part No.	Qty.	Description
17:2	237-30	1	O-Ring
18	104-4003	1	Hose ASM
19	99-6131	1	Pump-Drive, Reel
20	353-949	1	O-Ring
21	340-98	1	Fitting-HYD, 90 DEG
21:1	237-79	1	O-Ring
21:2	237-30	1	O-Ring
22	93-6795	1	Fitting-90 DEG
22:1	237-79	1	O-Ring
23	104-4059	1	Hose-Return
24	93-6848	1	Fitting-HYD
24:1	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	3274-7	2	Screw-HSH
32	94-3688	1	Sleeve-Protective
33	321-13	3	Screw-HH
34	104-4067	2	Washer
35	104-4066	2	Washer



Hydraulic Pump Assembly No. 104-3874

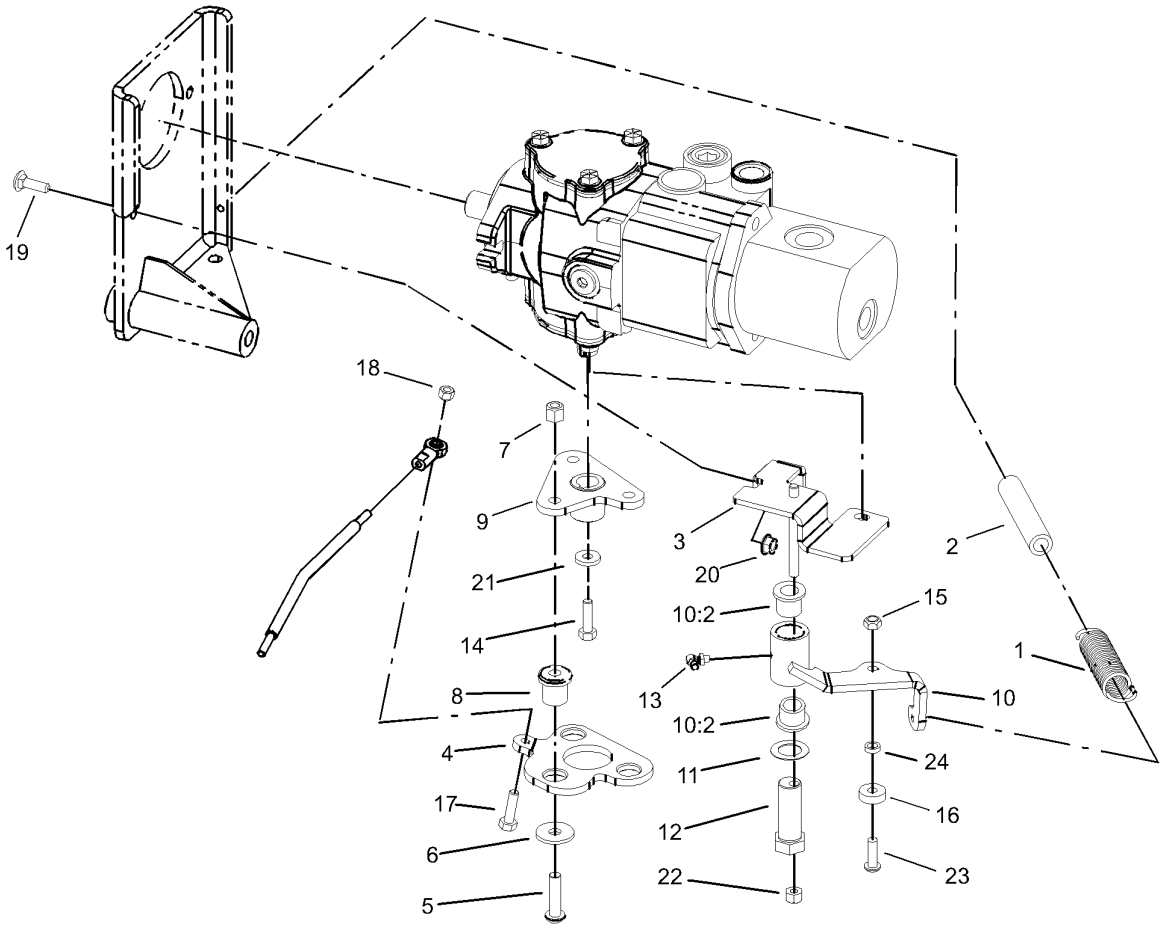
Ref	Part No.	Qty.	Description
1	94-3642	1	Shaft-Drive
2	104-4047	1	Endcover
3	100-3176	1	Housing ASM
3:1	94-6363	1	Bearing
4	76-6070	1	Rotating Kit
5	100-3175	1	Camplate
6	33-3720	1	Washer
7	32151-13	1	Ring-Retaining
8	32151-29	2	Ring-Retaining
9	252-66	1	Bearing-Thrust
10	252-71	2	Washer-Thrust
11	104-4861	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

Ref	Part No.	Qty.	Description
29	94-3645	1	Key
30	94-3646	1	Key
35	104-4044	1	O-Ring
36	104-4045	1	Charge Pump Adapter ASM
37	94-3648	1	Gerotor And 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
❷51:1		1	O-Ring
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



Gear Pump Assembly No. 99-6131

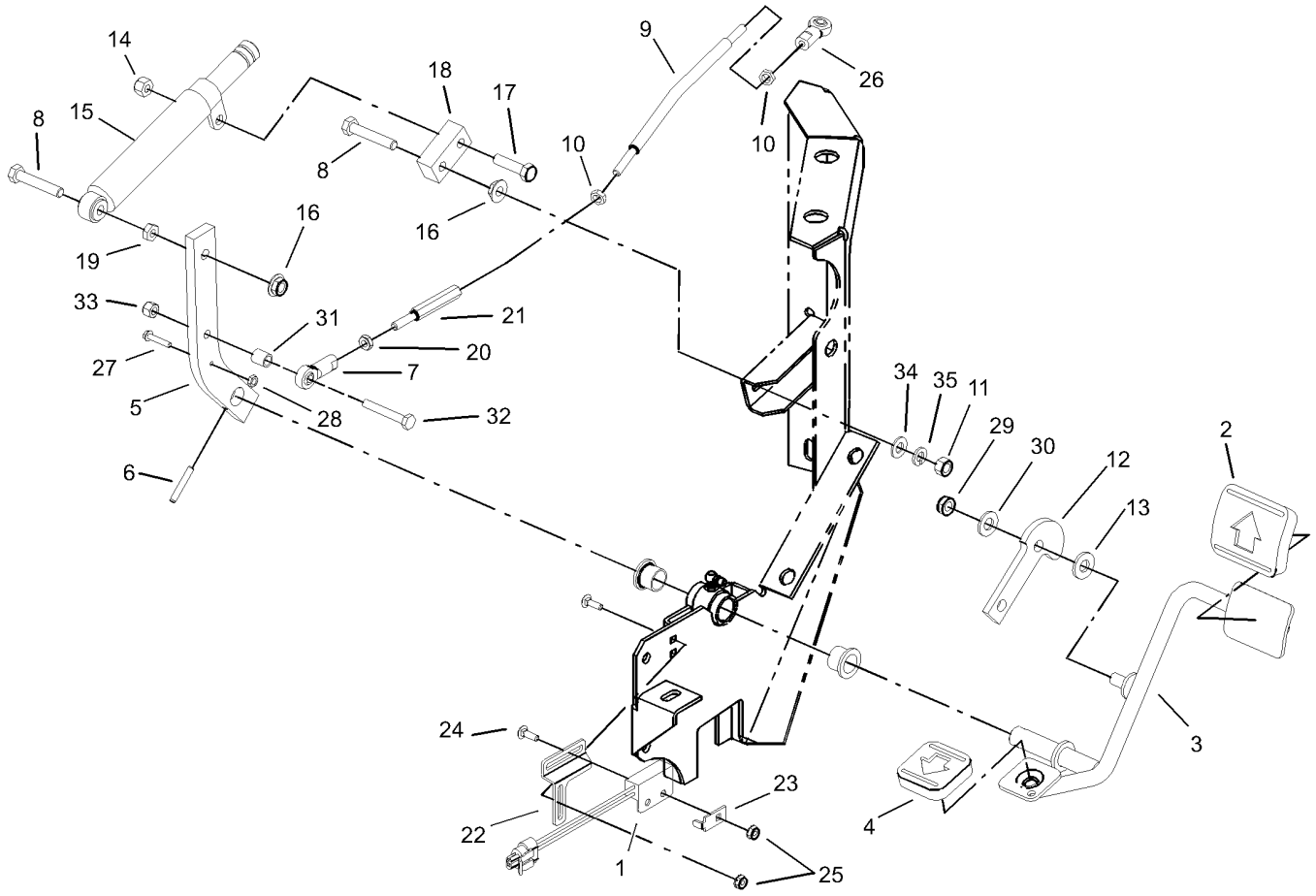
Ref	Part No.	Qty.	Description
3	93-4268	1	Flange Kit
❷3:1		1	Ring-Retaining
❷3:2		1	Seal-Shaft
❷3:3		1	Flange
7	94-3625	4	Pin-Dowel
8	94-3626	1	Cover-End
9	94-3639	4	Screw-HH
99	99-6132	1	Seal Kit
❷99:1		1	Ring-Retaining
❷99:2		2	Seal-Shaft
❷99:4		2	Seal-E
❷99:5		2	Ring-Backup
❷99:6		2	O-Ring



Pump Mount Assembly

Ref	Part No.	Qty.	Description
1	94-1369	1	Spring-Extension
2	99-3556	1	Hose
3	104-3918-03	1	Bracket ASM
4	104-3917-03	1	Lever-Pump
5	95-3857	3	Screw-HSBH
6	2844	3	Washer
7	3296-39	3	Nut-Lock, NI
8	63-9750	3	Mount
9	99-3598-03	1	Hub ASM
10	104-0422	1	Neutral Arm ASM
10:2	256-113	2	Bushing-Flange
11	3-6498	1	Washer-Thrust
12	76-8640	1	Stud-Traction
13	302-60	1	Fitting-Grease, 90 Degree
14	3210-6	1	Screw-HH
15	3296-47	1	Nut-Lock, NI
16	251-259	1	Bearing-Ball
17	321-6	1	Screw-HH
18	3296-42	1	Nut-Lock, NI
19	3230-22	1	Screw-CARR
20	32128-20	1	Nut-HF
21	88-7200	1	Washer-Flat
22	3296-29	1	Nut-Lock, NI
23	3274-104	1	Screw-HSBH

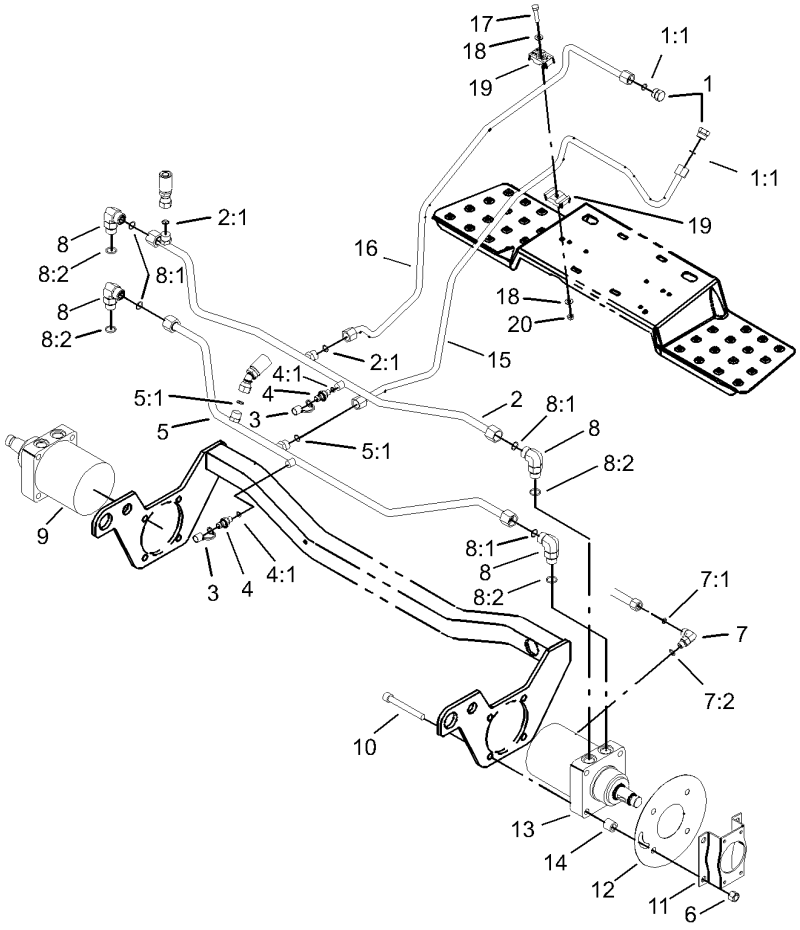
Ref	Part No.	Qty.	Description
24	100-4817	1	Spacer-Bearing



Traction Control Assembly

Ref	Part No.	Qty.	Description
1	105-0023	1	Switch-Proximity
2	74-9100	1	Pad-Pedal, Forward
3	104-3938-03	1	Traction Pedal ASM
4	74-9110	1	Pad-Pedal, Reverse
5	104-3939	1	Arm-Traction
6	32121-6	1	Pin-Roll, Slotted
7	104-4013	1	Joint-Ball, LH
8	322-9	2	Screw-HH
9	104-3977	1	Rod-Control, Pump
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

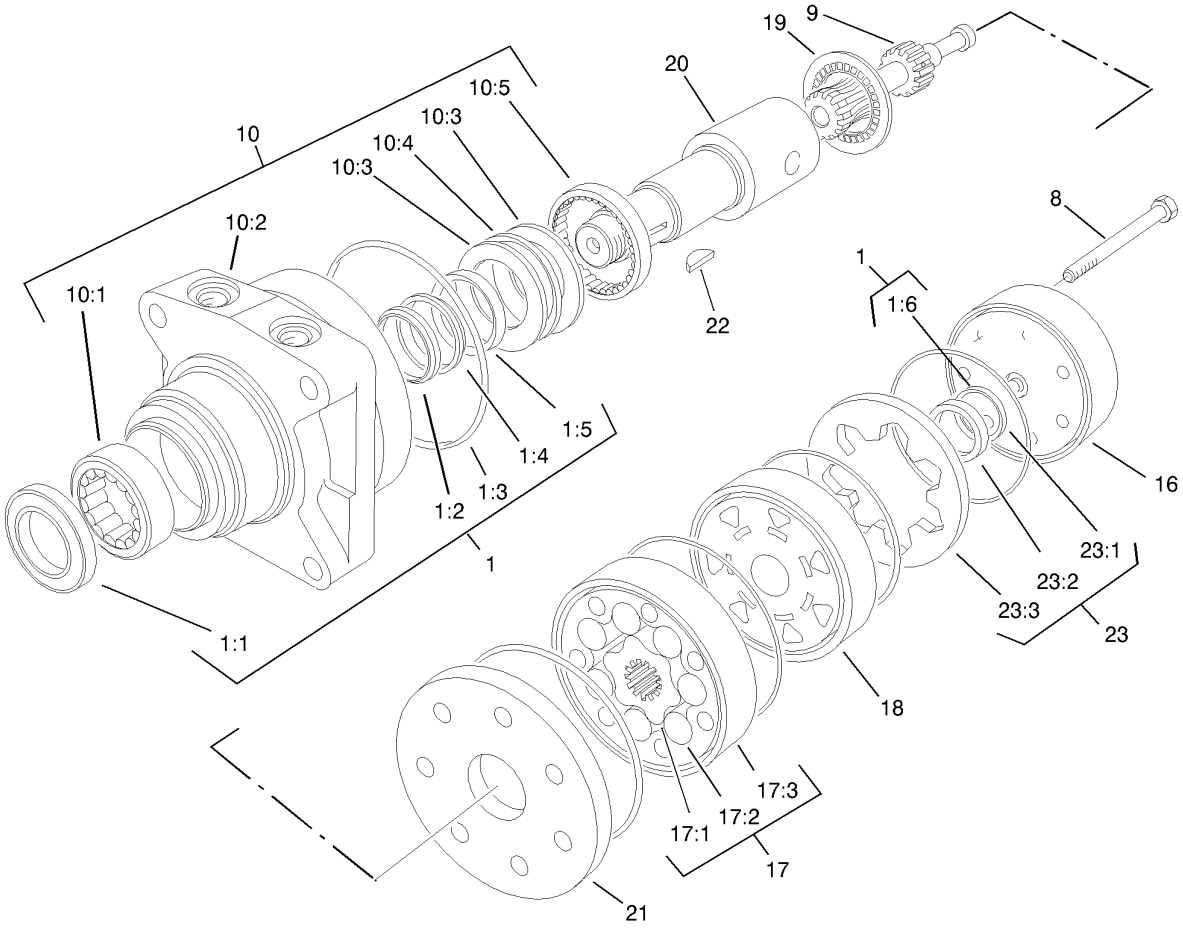
Ref	Part No.	Qty.	Description
25	32149-7	3	Nut-Keps
26	2411-41	1	Joint-Ball
27	32105-29	1	Screw-SHWH
28	32149-9	1	Nut-Keps
29	3296-59	1	Nut-Lock, NI
30	3256-24	1	Washer-Flat
31	93-6859	1	Spacer
32	321-10	1	Screw-HH
33	3296-42	1	Nut-Lock, NI
34	3256-23	1	Washer-Flat
35	3253-4	1	Washer-Lock



Hydraulic Motor Installation Assembly

Ref	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 DEG
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-17	4	Fitting-HYD, 90 DEG
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	106-8112	1	Tube-HYD
16	106-8113	1	Tube-HYD

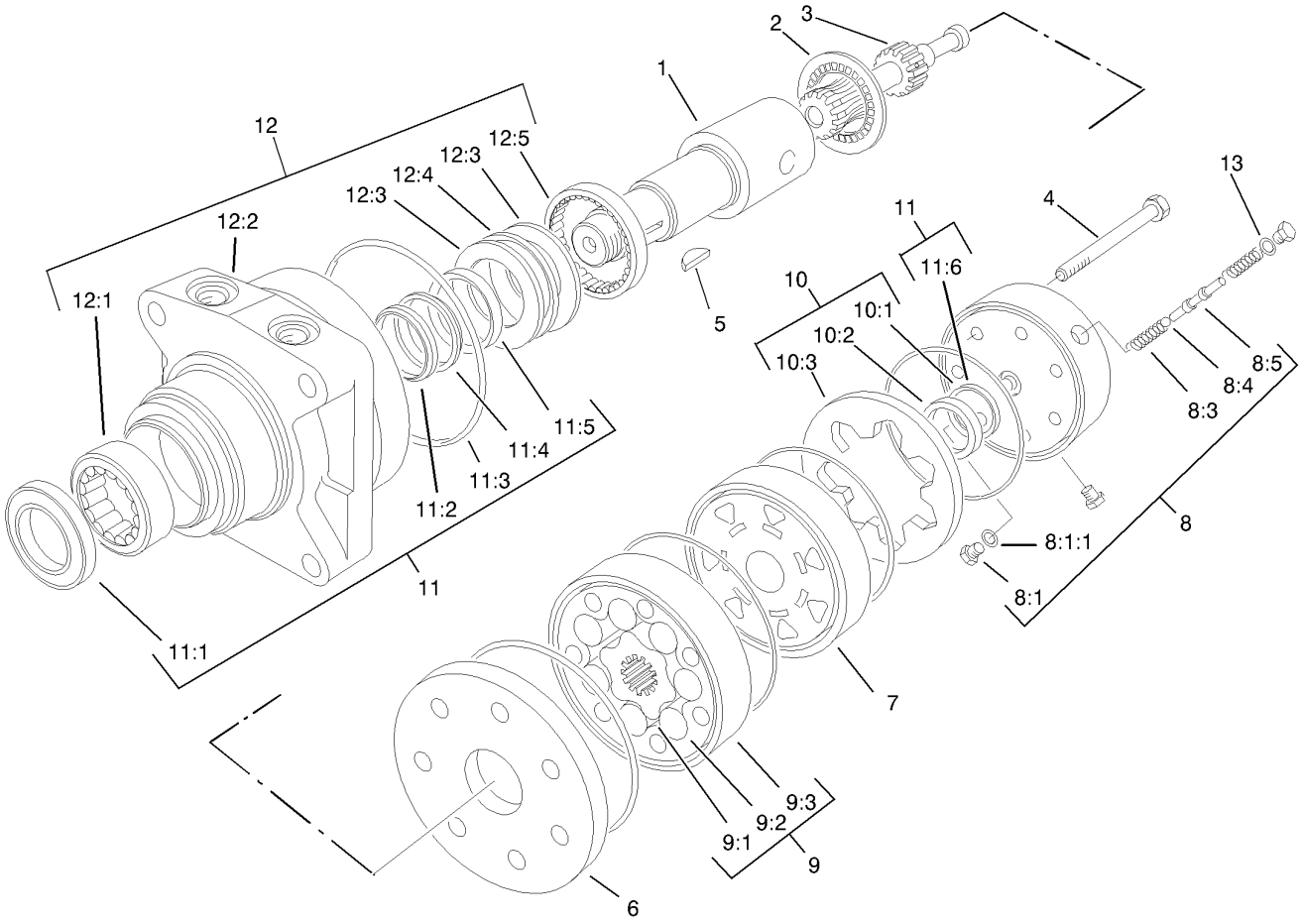
Ref	Part No.	Qty.	Description
17	322-10	1	Screw-HH
18	3256-23	2	Washer-Flat
19	56-7976	2	Clamp-Tube
20	3296-29	1	Nut-Lock, NI



Hydraulic Motor Assembly No. 75-9990

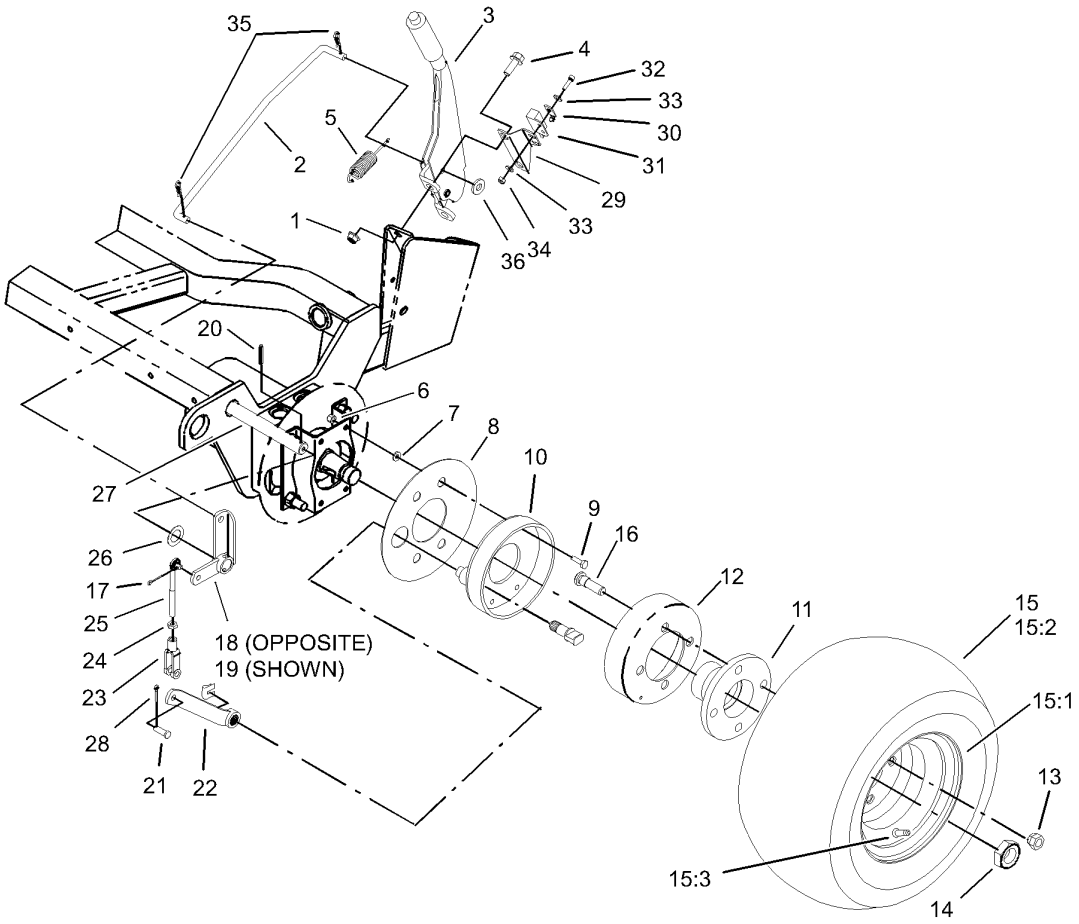
Ref	Part No.	Qty.	Description
1	76-0800	1	Seal Kit
❷1:1		1	Seal-Dirt And Water
❷1:2		1	Washer-Back-Up
❷1:3		5	Ring-Seal
❷1:4		1	Washer-Back-Up
❷1:5		1	Seal-Inner
❷1:6		1	Seal-Commutator
8	76-1010	7	Screw
9	76-0960	1	Link-Drive
10	76-0810	1	Housing ASM
❷10:1		1	Bearing
❷10:2		1	Housing
❷10:3		2	Washer-Thrust
❷10:4		1	Bearing-Thrust
❷10:5		1	Bearing
16	76-0940	1	End Cover ASM
17	76-0970	1	Rotor Set
❷17:1		1	Rotor
❷17:2		7	Vane
❷17:3		1	Stator
18	76-0840	1	Manifold
19	76-0850	1	Bearing-Thrust
20	76-0860	1	Shaft-Coupling
21	76-0870	1	Plate-Wear

Ref	Part No.	Qty.	Description
22	3257-42	1	Key-Woodruff
23	76-0880	1	Commutator ASM
❷23:1		1	Seal-Commutator
❷23:2		1	Commutator
❷23:3		1	Ring-Commutator



Wheel Motor Assembly No. 93-6888

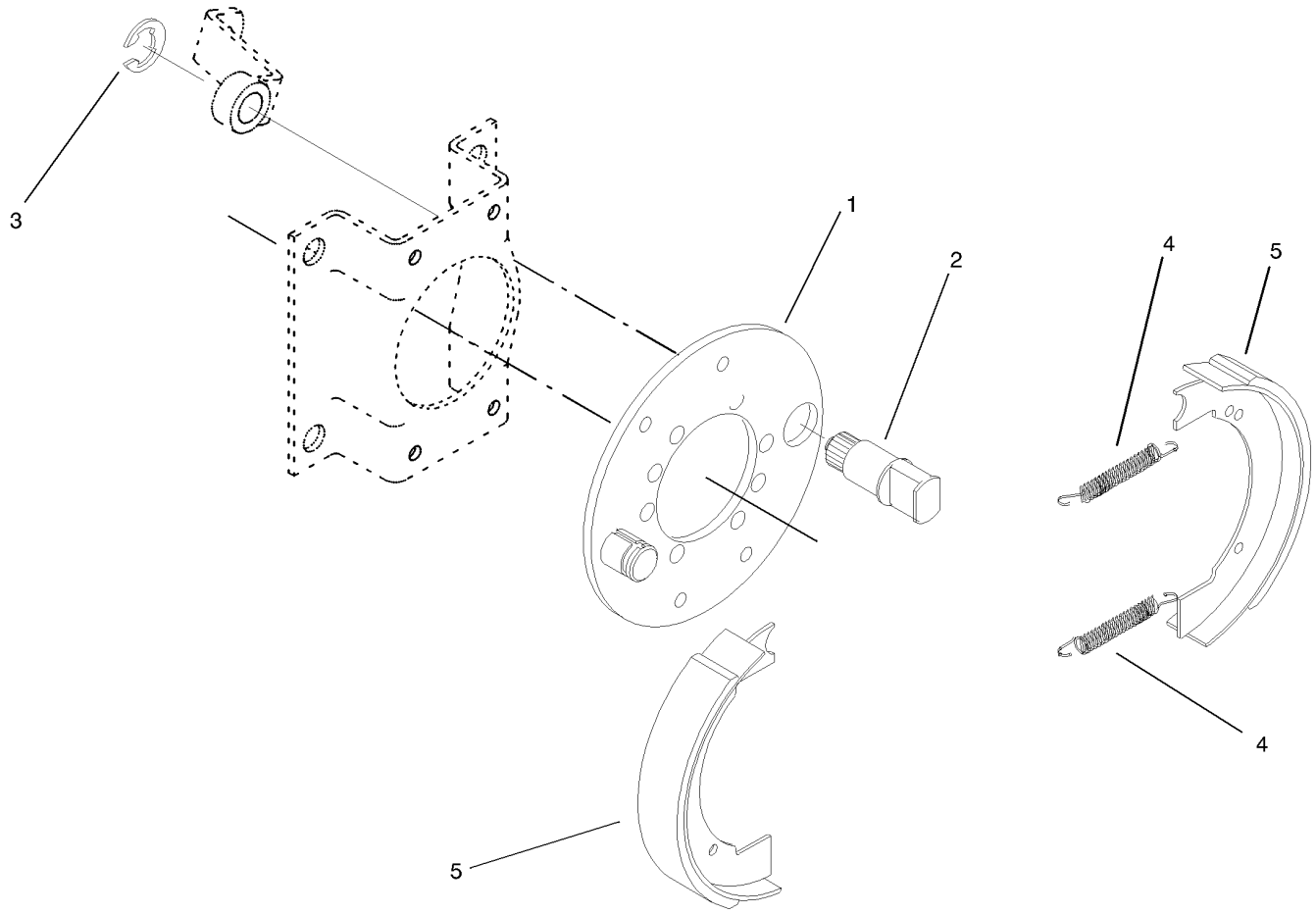
Ref	Part No.	Qty.	Description
1	76-0860	1	Shaft-Coupling
2	76-0850	1	Bearing-Thrust
3	76-0960	1	Link-Drive
4	94-3662	7	Screw-Cap, HH
5	3257-42	1	Key-Woodruff
6	76-0870	2	Plate-Wear
7	76-0840	1	Manifold
8	76-0890	1	End Cover ASM
8:1	353-990	2	Plug
8:1:1	237-78	1	O-Ring
❷8:3		2	Spring
❷8:4		1	Ball
❷8:5		1	Valve-Shuttle
9	76-0970	1	Rotor Set
❷9:1		1	Rotor
❷9:2		7	Vane
❷9:3		1	Stator
10	76-0880	1	Commutator ASM
❷10:1		1	Seal-Commutator
❷10:2		1	Commutator
❷10:3		1	Ring-Commutator
11	76-0800	1	Seal Kit
❷11:1		1	Seal-Dirt And Water
❷11:2		1	Washer-Back-Up
❷11:3		5	Ring-Seal
❷11:4		1	Washer-Back-Up
❷11:5		1	Seal-Inner
❷11:6		1	Seal-Commutator
12	76-0810	1	Housing ASM
❷12:1		1	Bearing
❷12:2		1	Housing
❷12:3		2	Washer-Thrust
❷12:4		1	Bearing-Thrust
❷12:5		1	Bearing
13	237-78	2	O-Ring



Front Wheel and Brake Assembly

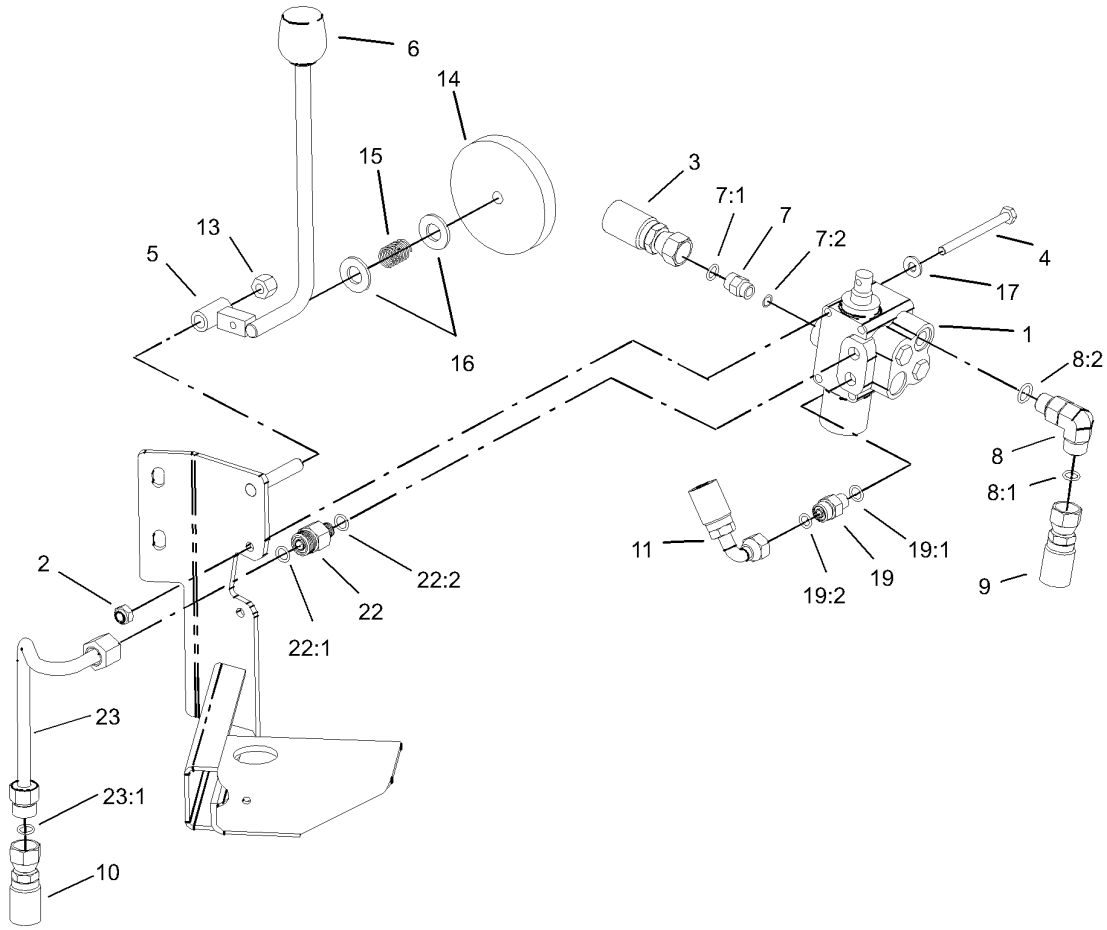
Ref	Part No.	Qty.	Description
1	3290-357	2	Nut-HHF
2	104-3907	1	Rod-Brake
3	104-3903	1	Lever-Brake, Parking
4	3234-11	2	Screw-HHF
5	104-4010	1	Spring-Extension
6	3296-42	8	Nut-Lock, NI
7	3256-16	8	Washer-Flat
8	83-9340	2	Shield-Brake, Grass
9	321-5	8	Screw-HH
10	104-7705	2	Brake ASM
11	93-6838-03	2	Hub-Wheel
12	10-6850	2	Drum-Brake
13	242-50	8	Nut-Lug
14	26-3790	2	Nut-Lock
❷15		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-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, Slotted
21	283-1	2	Pin-Clevis

Ref	Part No.	Qty.	Description
22	93-6850	2	Lever-Brake
23	282-2	2	Yoke
24	3220-2	2	Nut-Jam
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



Brake Assembly No. 104-7705

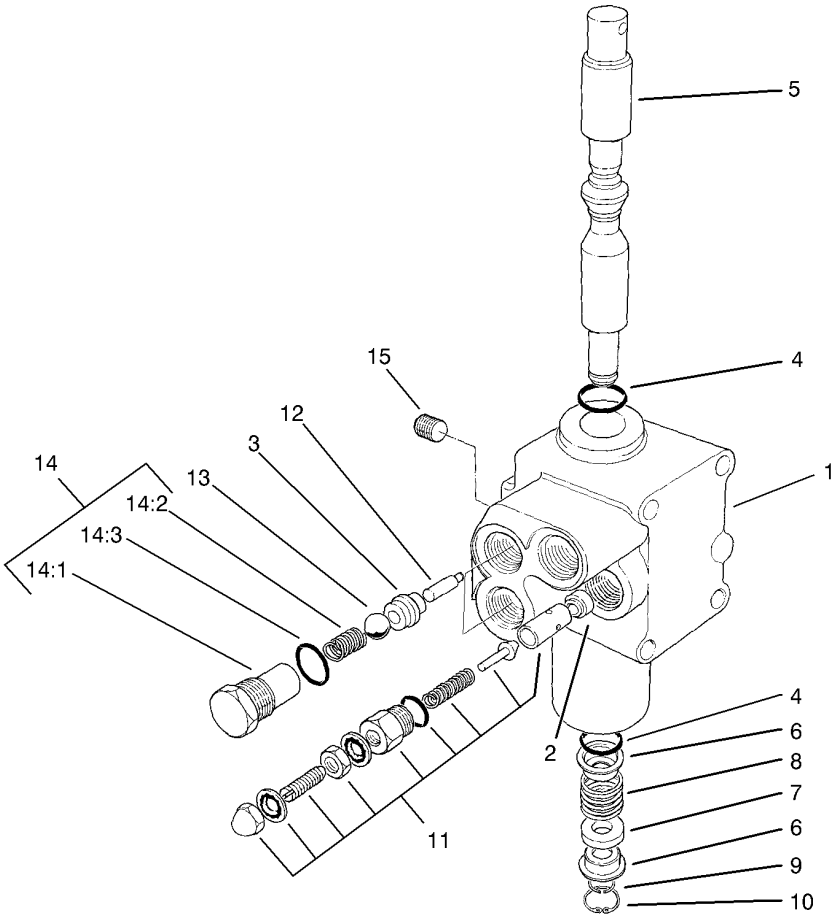
Ref	Part No.	Qty.	Description
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E Ring-Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



Hydraulic Valve Installation Assembly

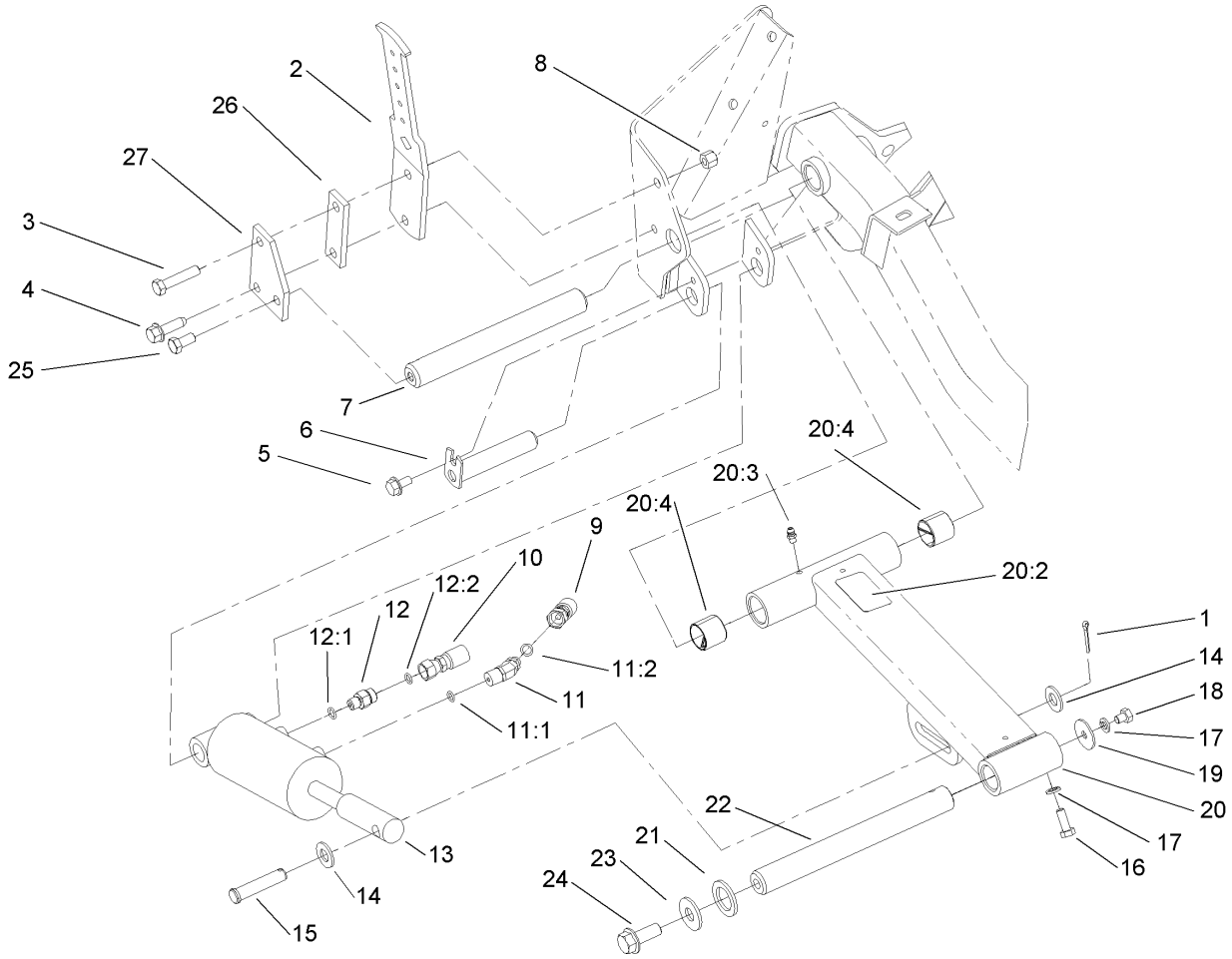
Ref	Part No.	Qty.	Description
1	104-4092	1	Valve-Lift
2	3296-16	2	Nut-Lock, NI
3	104-5163	1	Hose ASM
4	321-23	2	Screw-HH
5	85-5160-03	1	Lever-Valve ASM
6	233-37	1	Knob
7	340-2	1	Fitting-HYD, Straight
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-77	1	Fitting-HYD, 90 DEG
8:1	237-22	1	O-Ring
8:2	237-42	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	94-5119	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

Ref	Part No.	Qty.	Description
22:1	237-22	1	O-Ring
22:2	237-78	1	O-Ring
23	104-4085	1	HYD Tube ASM
23:1	237-22	1	O-Ring



Hydraulic Control Valve No. 104-4092

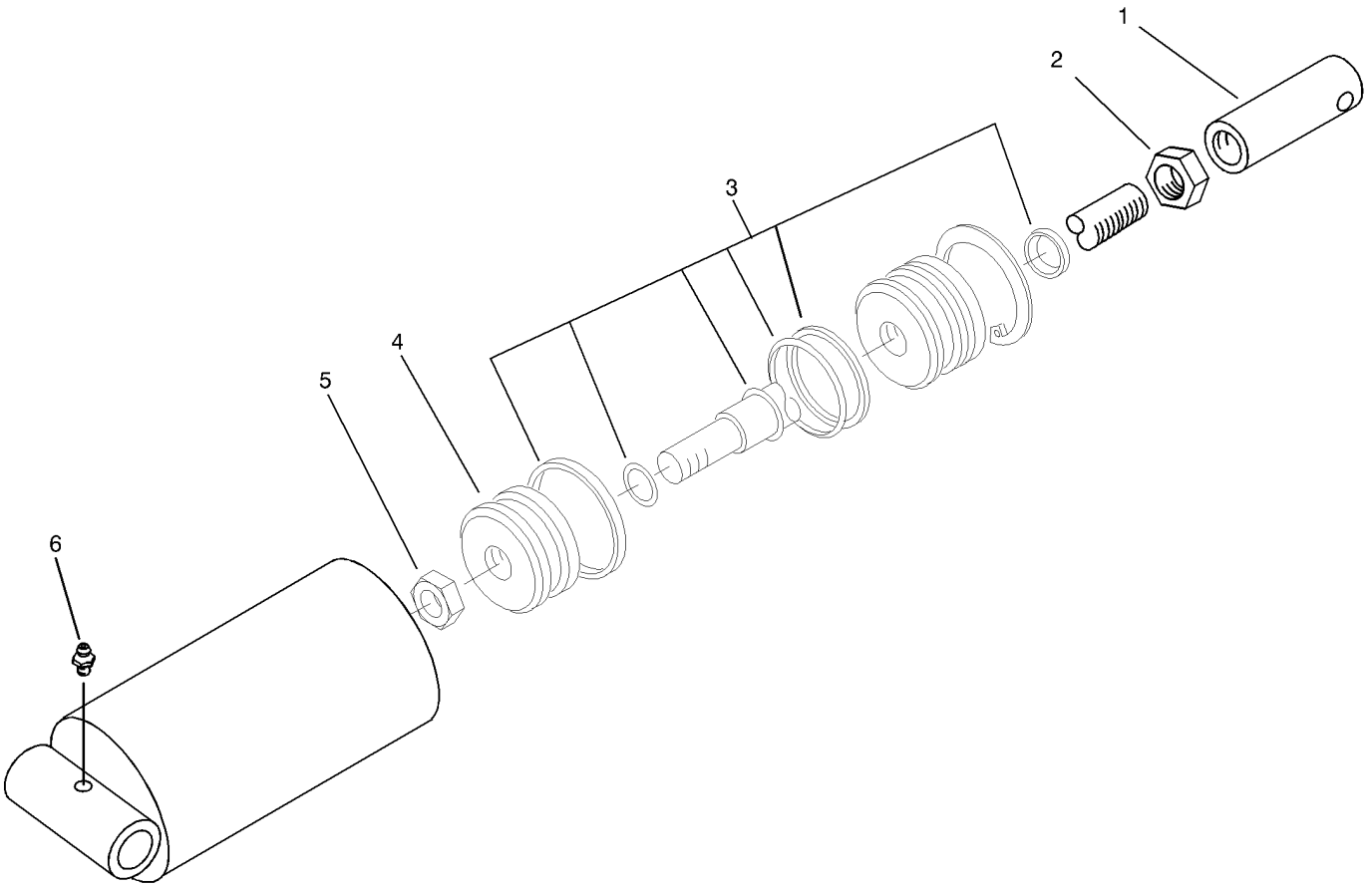
Ref	Part No.	Qty.	Description
❷1		1	Body
2	55-3640	1	Seat-Relief
3	22-8370	2	Seat-Valve
4	22-8500	2	O-Ring
5	22-8420	1	Spool
6	22-8380	2	Retainer
7	23-3030	1	Spacer
8	22-8410	1	Spring
9	22-8480	1	Ring-Snap
10	22-8490	1	Ring-Snap
11	22-8440	1	Valve-Relief
12	22-8360	2	Pin
13	22-8350	2	Ball
14	105-7827	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



Rear Lift Arm Assembly

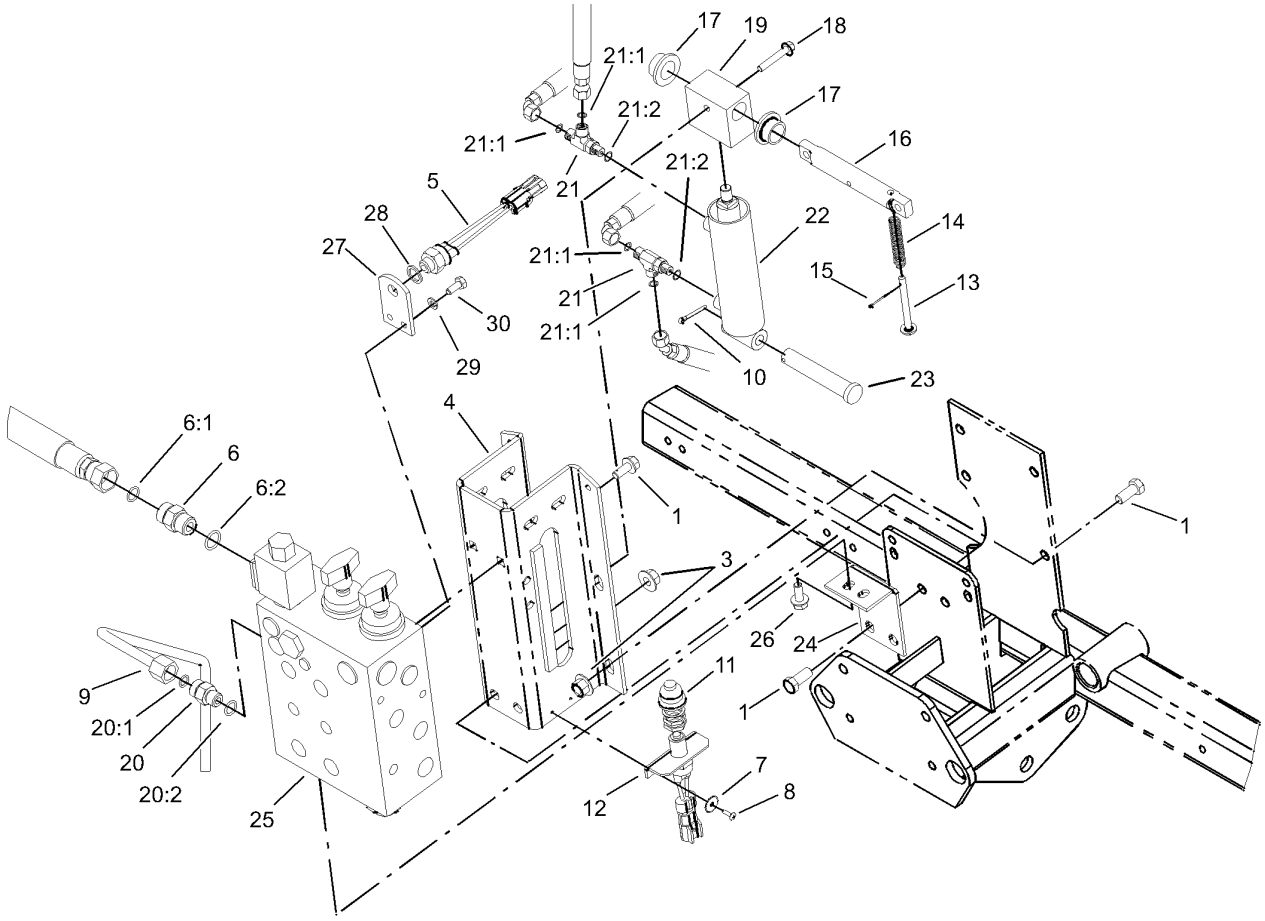
Ref	Part No.	Qty.	Description
1	3272-11	1	Pin-Cotter
2	92-1818-01	1	Arm-Spring, Tension
3	323-9	1	Screw-HH
4	32144-109	1	Screw
5	32144-14	1	Screw-HWH
6	93-6893	1	Pin-Pivot, Ram
7	92-1812	1	Shaft-Pivot, Lift
8	3296-39	1	Nut-Lock, NI
9	104-4002	1	Hose ASM
10	94-5008	1	Hose ASM
11	340-103	1	Fitting-HYD, 45 DEG
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

Ref	Part No.	Qty.	Description
20:2	93-6696	1	Decal-Warning
20:3	302-5	1	Fitting-Grease
20:4	3-0348	2	Bushing
21	256-115	1	Washer-Thrust
22	99-2338	1	Shaft-Pivot
23	3256-6	1	Washer-Flat
24	3234-32	1	Screw-HHF
25	323-4	1	Screw-HH
26	98-3445	1	Spacer
27	98-3446	1	Plate-Reinforcement



Hydraulic Cylinder Assembly No. 93-6869

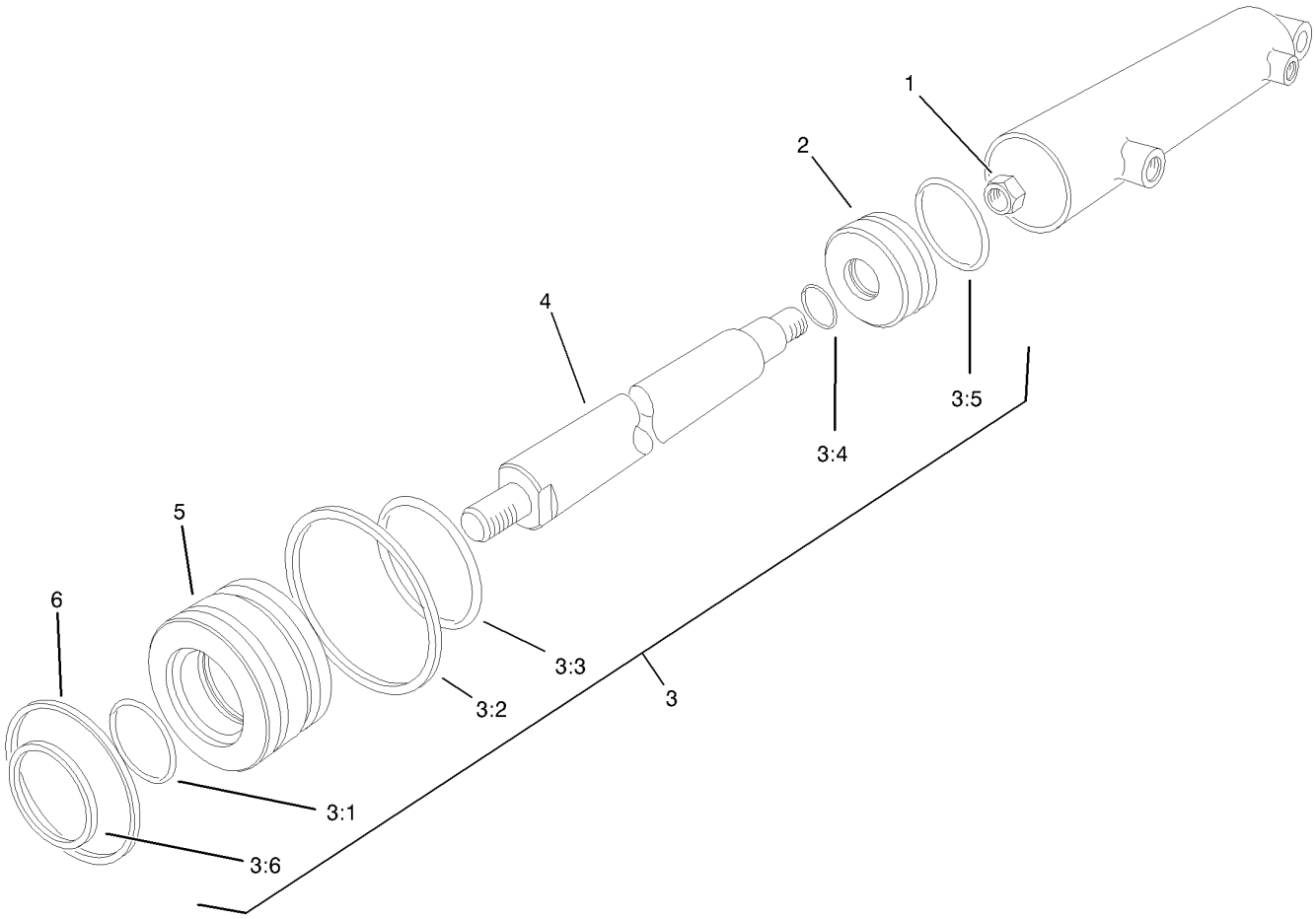
Ref	Part No.	Qty.	Description
1	94-3617	1	Clevis-Cylinder
2	32152-10	1	Locknut
3	94-3619	1	Seal Kit
❷4		1	Piston
❷5		1	Nut-Lock
6	302-58	1	Fitting-Grease



Front Lift Cylinder Assembly

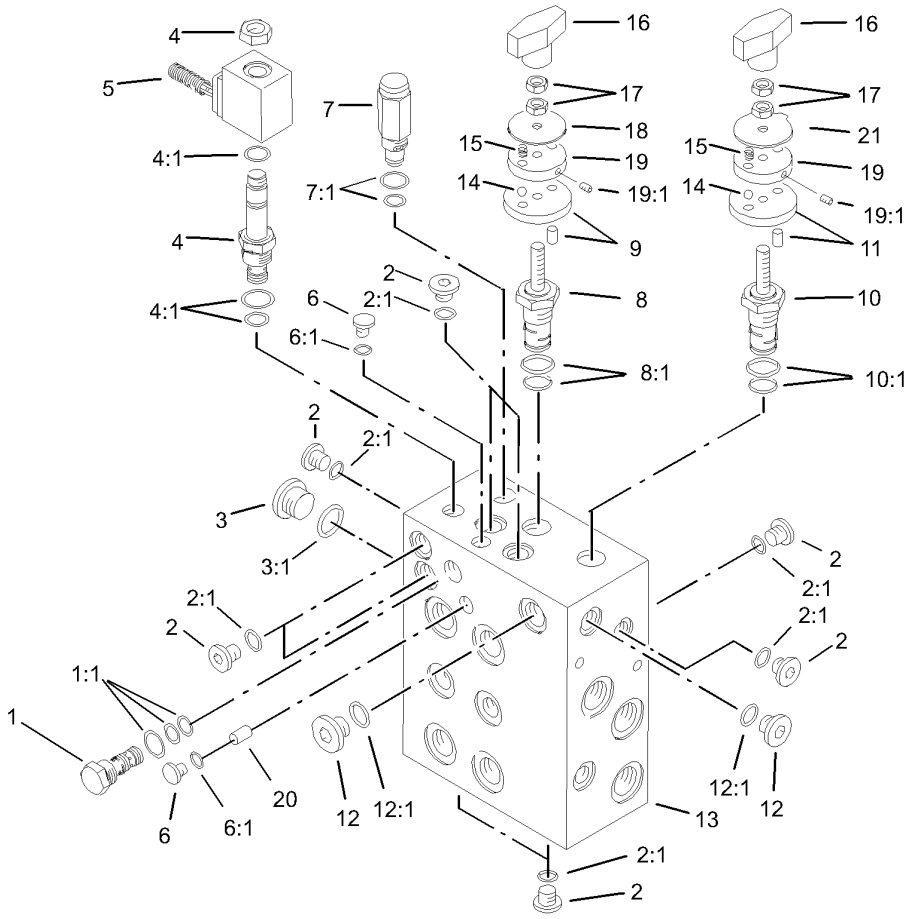
Ref	Part No.	Qty.	Description
1	3234-25	6	Screw-HHF
3	32128-43	6	Nut-Flange
4	104-3946-03	1	Cylinder Support ASM
5	72-4320	1	Switch-Ball
6	340-4	1	Fitting-HYD, Straight
6:1	237-30	1	O-Ring
6:2	237-79	1	O-Ring
7	3254-9	2	Washer-Lock, Internal
8	32144-18	2	Screw-HH
9	104-4050	1	HYD Tube ASM
10	3272-11	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

Ref	Part No.	Qty.	Description
21:1	237-22	2	O-Ring
21:2	237-42	1	O-Ring
22	94-5031	1	Cylinder-Lift, HYD
23	283-78	1	Pin-Clevis
24	93-6733-03	1	Bracket-Mount, Valve
25	104-3995	1	Manifold Block ASM
26	3234-5	3	Screw-HHF
27	98-8199	1	Bracket-Switch
28	3256-76	1	Washer-Flat
29	3253-3	2	Washer-Lock
30	329-3	2	Screw-HH



Hydraulic Lift Cylinder Assembly No. 94-5031

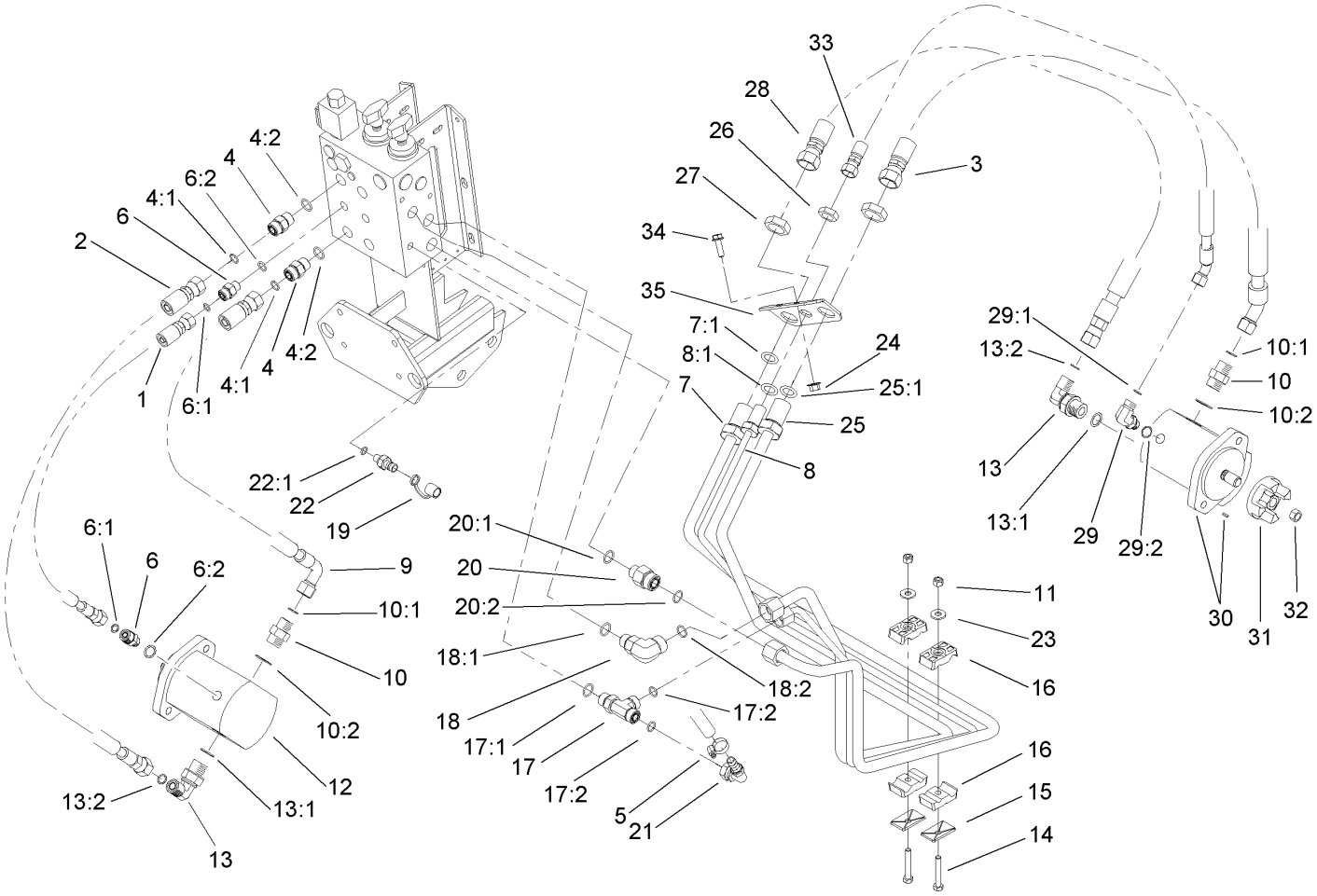
Ref	Part No.	Qty.	Description
❷1		1	Nut-Lock
❷2		1	Piston
3	94-3614	1	Seal Kit
❷3:1		1	O-Ring
❷3:2		1	Washer-Backup
❷3:3		1	O-Ring
❷3:4		1	O-Ring
❷3:5		1	Uniring
❷3:6		1	Seal-Dust
❷4		1	Shaft
❷5		1	Head
6	94-3612	1	Ring-Retaining



Manifold Block Assembly No. 104-3995

Ref	Part No.	Qty.	Description
1	95-5634	1	Cartridge-Logic, Spool
1:1	95-5641	1	Seal Kit
2	353-990	8	Plug
2:1	237-78	1	O-Ring
3	353-988	1	Plug-Hex
3:1	237-79	1	O-Ring
4	93-7494	1	Cartridge
4:1	95-5645	1	Seal Kit
5	83-2010	1	Coil ASM
6	353-991	2	Plug-Hex, Hollow
6:1	237-156	1	O-Ring
7	94-3655	1	Valve-Relief
7:1	95-5645	1	Seal Kit
8	94-3659	1	Control-Flow, Rotary
8:1	95-5645	1	Seal Kit
9	94-5025	1	Plate-Locating
10	94-3657	1	Spool ASM
10:1	106-1091	1	Seal Kit
11	94-5021	1	Plate-Locating
12	353-989	3	Plug-Hex, Hollow
12:1	237-42	1	O-Ring
❷13		1	Body-Manifold
14	255-13	4	Ball-Steel, Stainless
15	94-5027	4	Spring

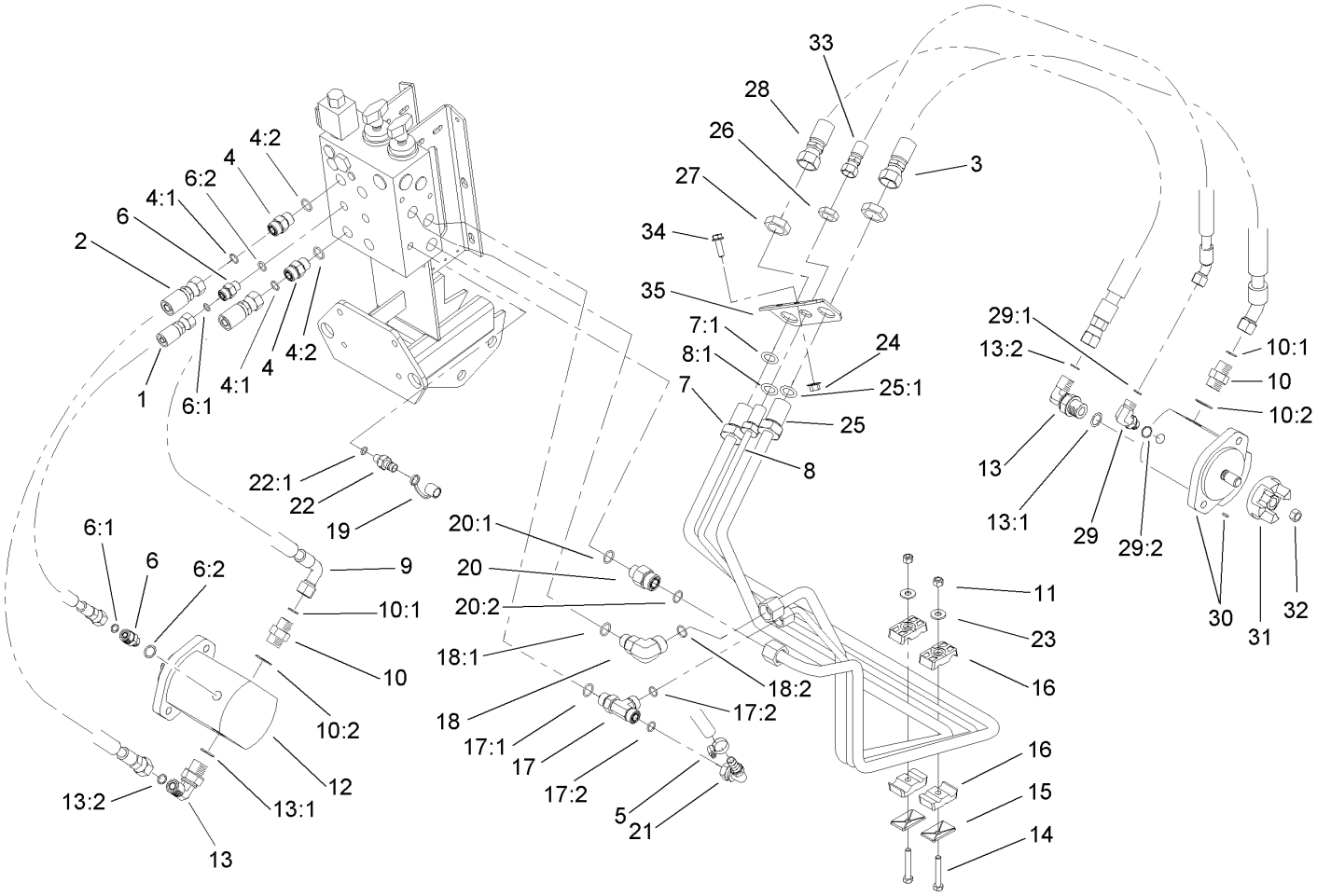
Ref	Part No.	Qty.	Description
16	94-5020	2	Knob ASM
17	3218-1	4	Nut-Jam
18	94-5026	1	Plate-Indicator
19	94-5023	2	Plate-Detent
19:1	3245-36	1	Screw-Set, HS
20	75-2070	1	Plug-Orifice
21	99-3543	1	Plate-Indicator



Reel Motor Assembly

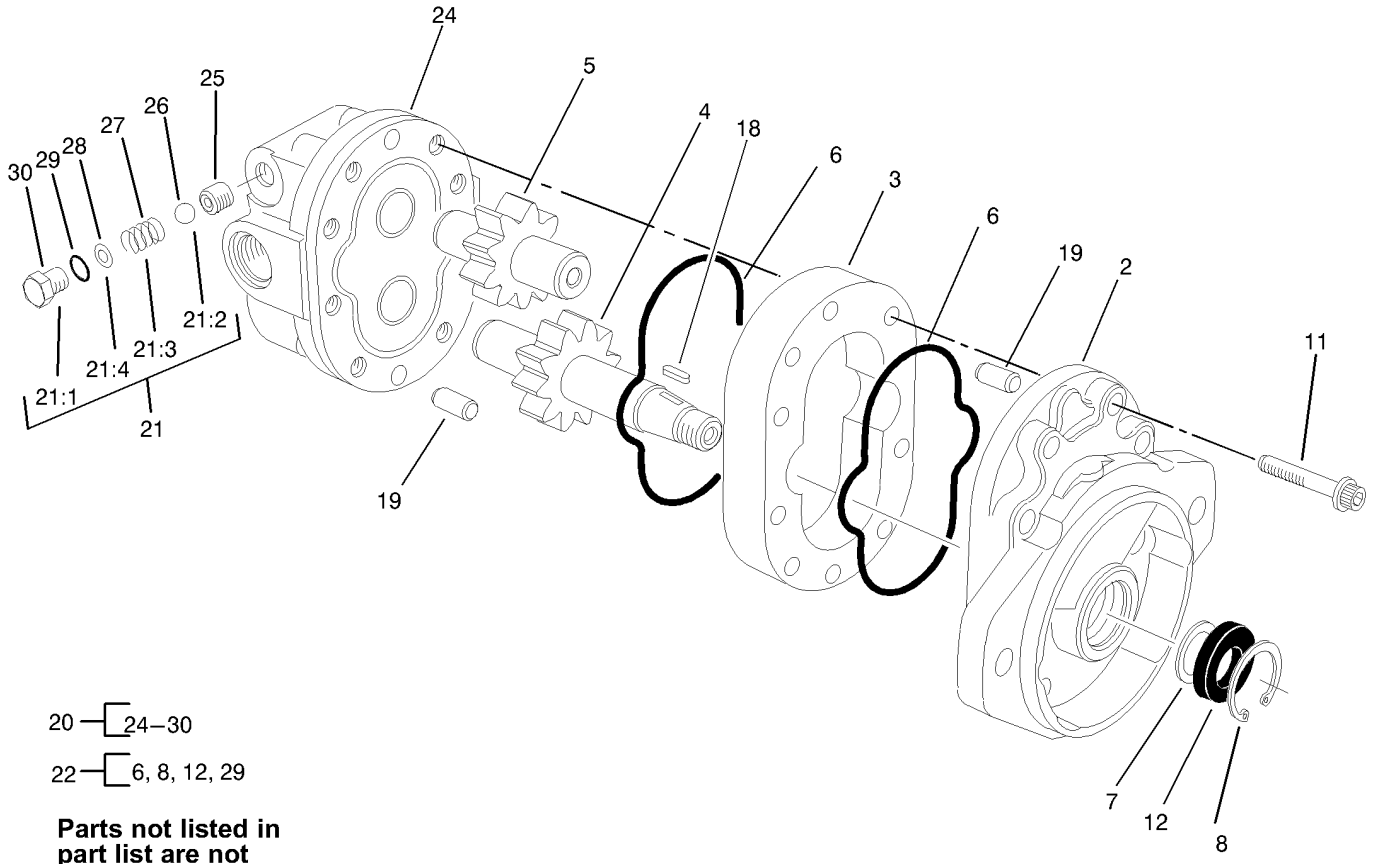
Ref	Part No.	Qty.	Description
1	94-5986	2	Hose ASM
2	94-5987	2	Hose ASM
3	94-5129	1	Hose ASM
4	340-4	4	Fitting-HYD, Straight
4:1	237-30	1	O-Ring
4:2	237-79	1	O-Ring
5	2412-36	1	Clamp-Hose
6	340-2	4	Fitting-HYD, Straight
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	104-3950	1	Tube ASM
7:1	237-65	1	O-Ring
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 DEG
13:1	237-80	1	O-Ring
13:2	237-30	1	O-Ring
14	322-10	2	Screw-HH

Ref	Part No.	Qty.	Description
15	69-9760	2	Coverplate
16	56-7970	4	Clamp-Tube
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, Straight
20:1	237-79	1	O-Ring
20:2	237-151	1	O-Ring
21	93-6803	1	Fitting-90 DEG
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 DEG
29:1	237-22	1	O-Ring



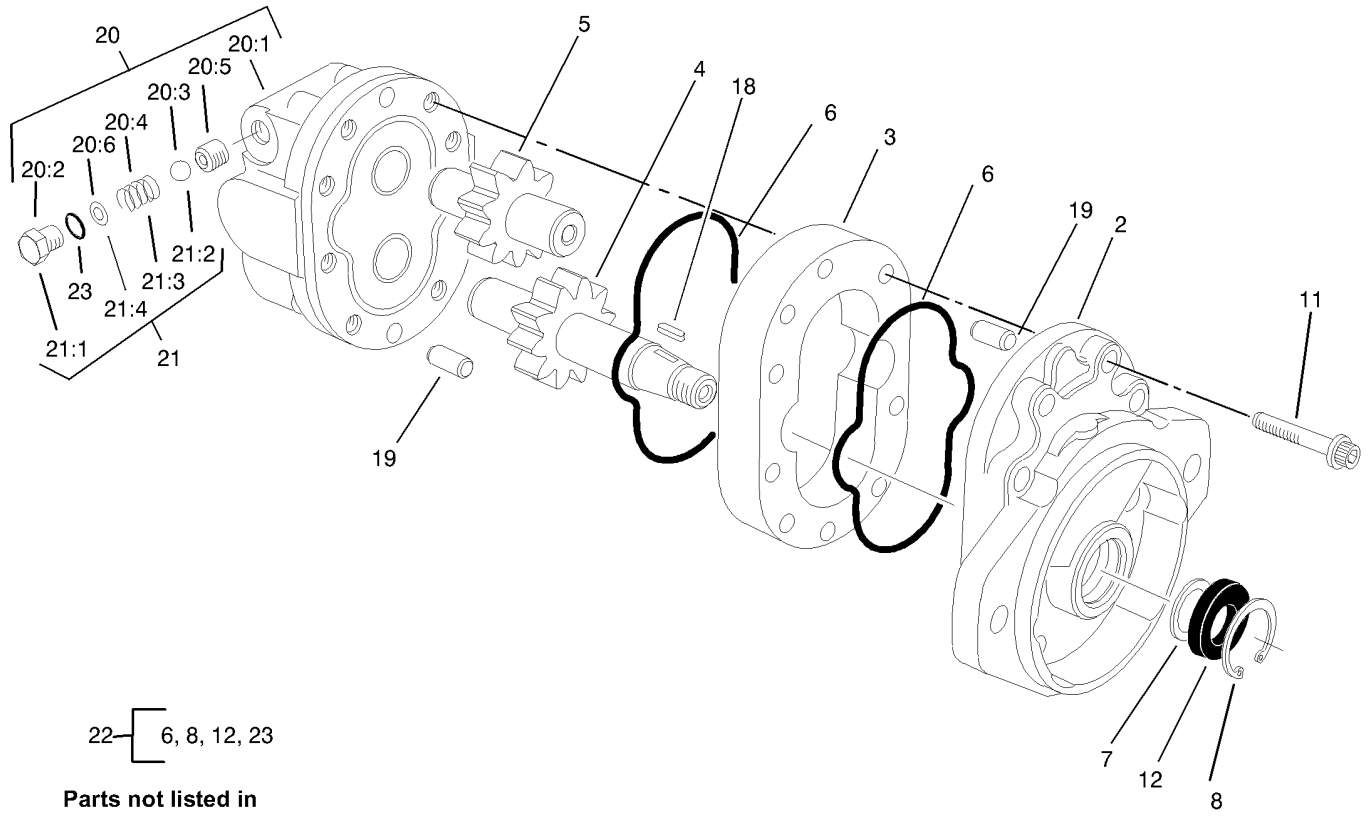
Reel Motor Assembly (continued)

Ref	Part No.	Qty.	Description
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
33	93-6789	1	Hose-HYD
34	3234-17	2	Screw-HHF
35	93-6796-01	1	Bracket-Bulkhead



Gear Motor Assembly No. 93-6972

Ref	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
❷21:1		2	Plug
❷21:2		2	Ball
❷21:3		2	Spring
❷21:4		2	Shim
22	93-1413	1	Seal Kit

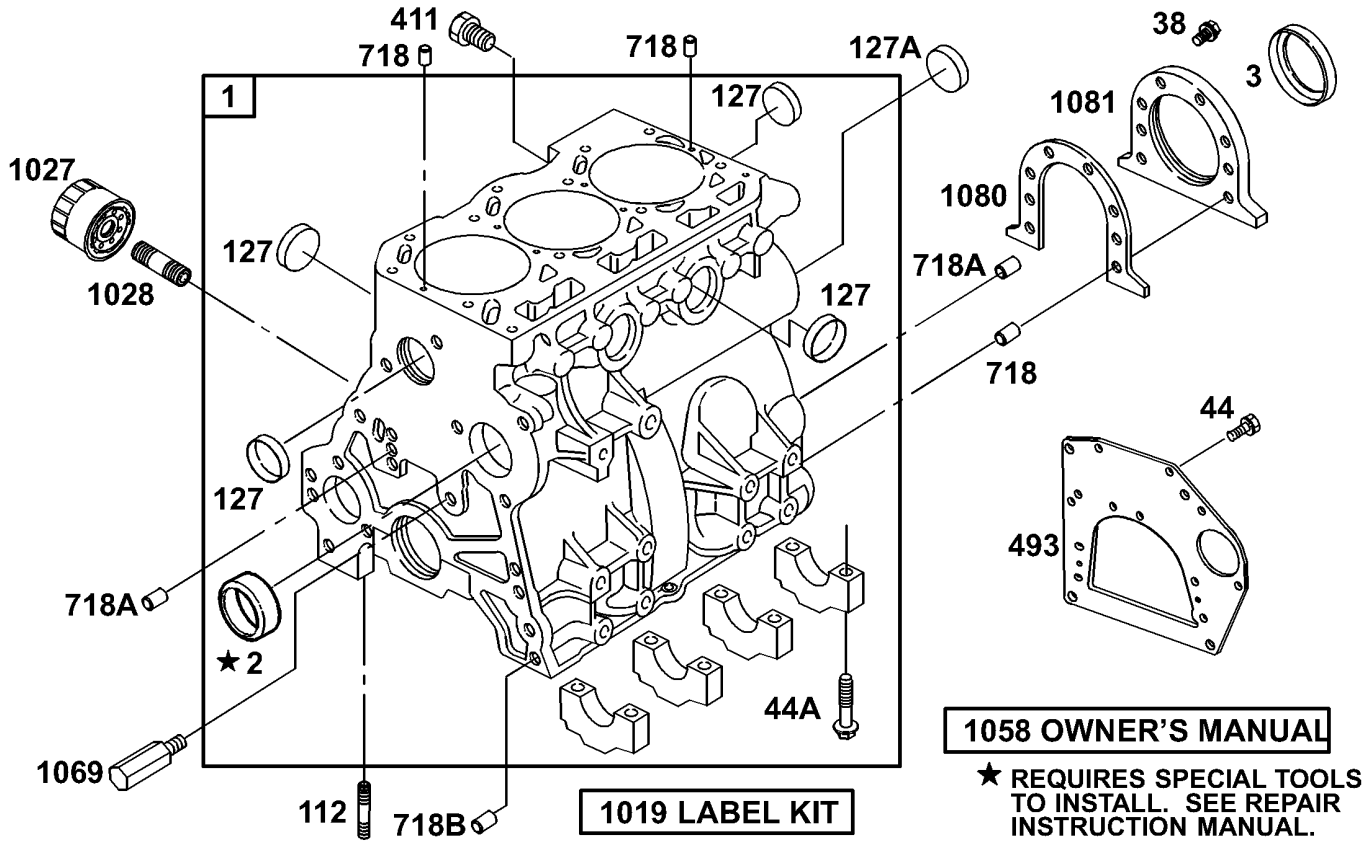


22 — 6, 8, 12, 23

Parts not listed in partlist are not serviced separately.

Gear Motor Assembly No. 93-6975

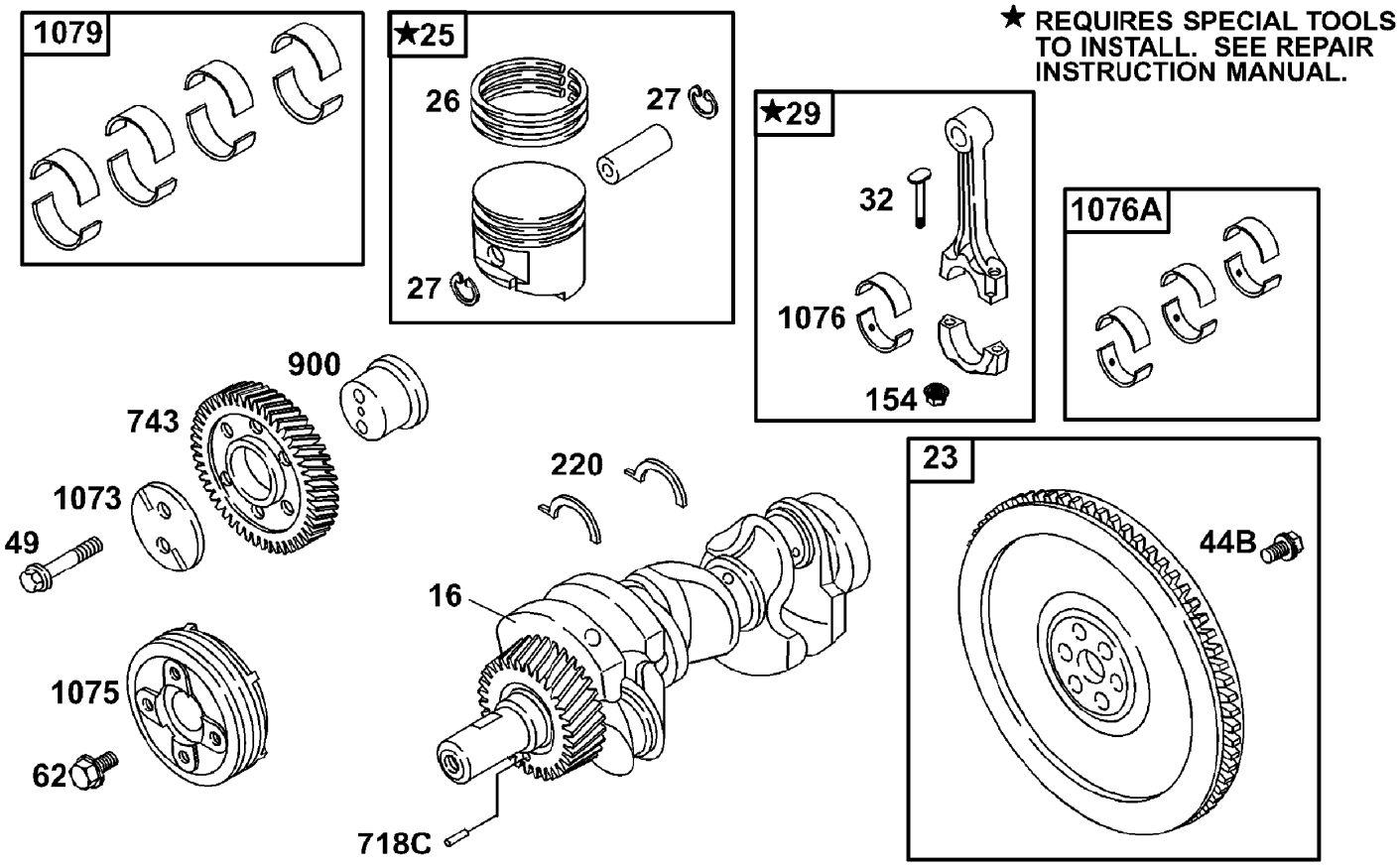
Ref	Part No.	Qty.	Description
2	66-5730	1	Front Plate ASM
3	94-3603	1	Motor Body ASM
4	94-3602	1	Drive Gear ASM
5	94-3601	1	Idler Gear ASM
6	59-8420	2	Ring
7	60-5890	1	Washer
8	59-8320	1	Ring-Retaining
11	94-3600	8	Capscrew
12	66-5710	1	Seal-Shaft
18	94-3606	1	Key
19	42-2010	2	Pin-Dowel
20	94-3605	1	Backplate ASM
❷20:1		1	Backplate
❷20:2		2	Plug
❷20:3		2	Ball
❷20:4		2	Spring
❷20:5		2	Seat
❷20:6		2	Shim
21	92-9260	1	Relief Valve Kit
❷21:1		2	Plug
❷21:2		2	Ball
❷21:3		2	Spring
❷21:4		2	Shim
22	93-1413	1	Seal Kit



Cylinder Assembly

Ref	Part No.	Qty.	Description
1	100-6401	1	Cylinder ASM
2	99-9002	1	Bushing
3	99-9003	1	Seal-Oil
38	99-9004	6	Screw-Hex
44	99-9005	3	Screw-Hex
112	99-9007	1	Stud-Metric
127	99-9008	7	Plug-Welch
411	99-9601	1	Plug (Cylinder Block)
44A	99-9006	8	Screw-Hex
493	99-9011	1	Bracket-Mounting
718	99-9012	4	Pin-Locating
1019	99-9015	1	Label Kit
1027	108-3842	1	Filter-Oil
1028	99-9018	1	Adapter-Filter, Oil
1058	99-9602	1	Manual-Owner's
1069	99-9020	1	Nozzle-Oil
1080	99-9021	1	Gasket-Retainer
1081	99-9022	1	Retainer-Seal
127A	99-9010	1	Plug-Welch
718A	99-9013	3	Pin-Locating
718B	99-9014	2	Pin-Locating

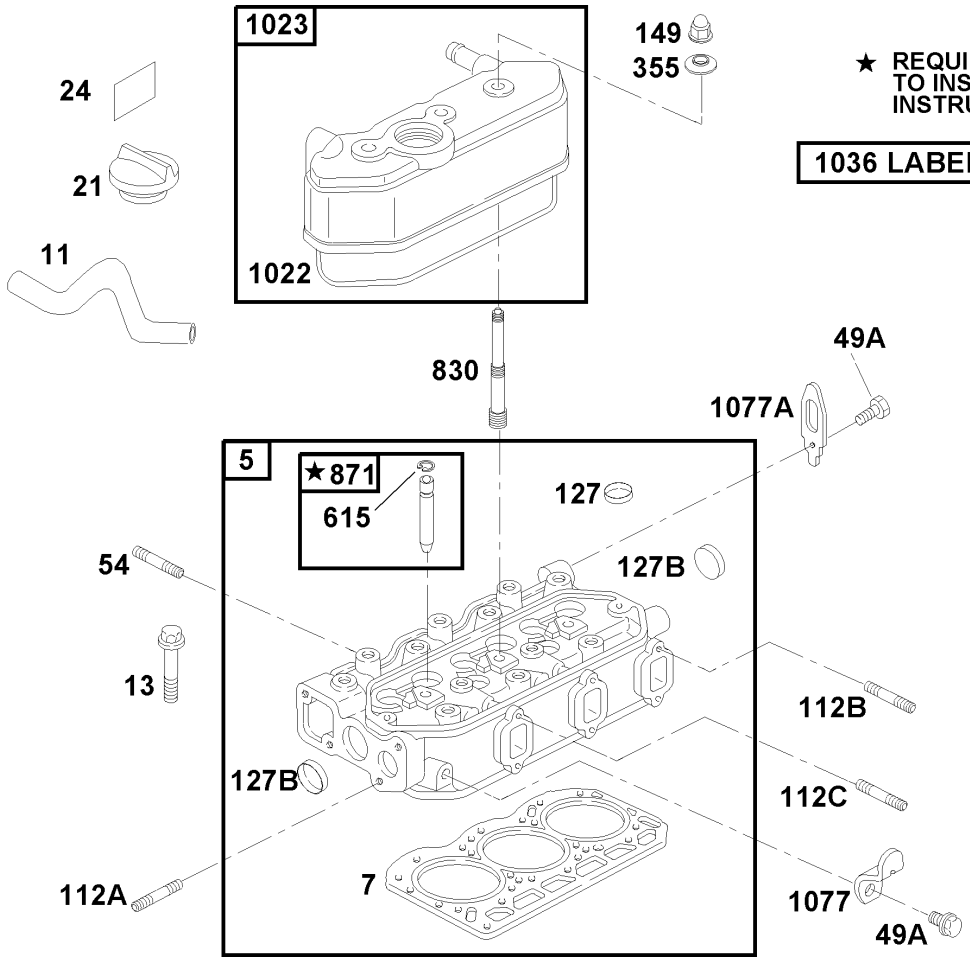
★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.



Crankshaft Assembly

Ref	Part No.	Qty.	Description
16	99-9252	1	Crankshaft
23	99-9024	1	Flywheel
25	99-9605	3	Piston ASM
25	99-9268	3	Piston ASM (.010 In Oversized)
26	99-9606	3	Ring Set
26	99-9269	3	Ring Set (.010 In Oversized)
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 (.005 In Oversized)
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	Set-Bearing, Main (Set Of 8)
1079	99-9046	1	Set-Bearing, Main (.010 Undersized)

Ref	Part No.	Qty.	Description
718C	99-9037	1	Pin-Locating
1076A	99-9043	3	Set-Bearing, Rod
1076A	99-9044	3	Set-Bearing, Rod (.010 Undersized)

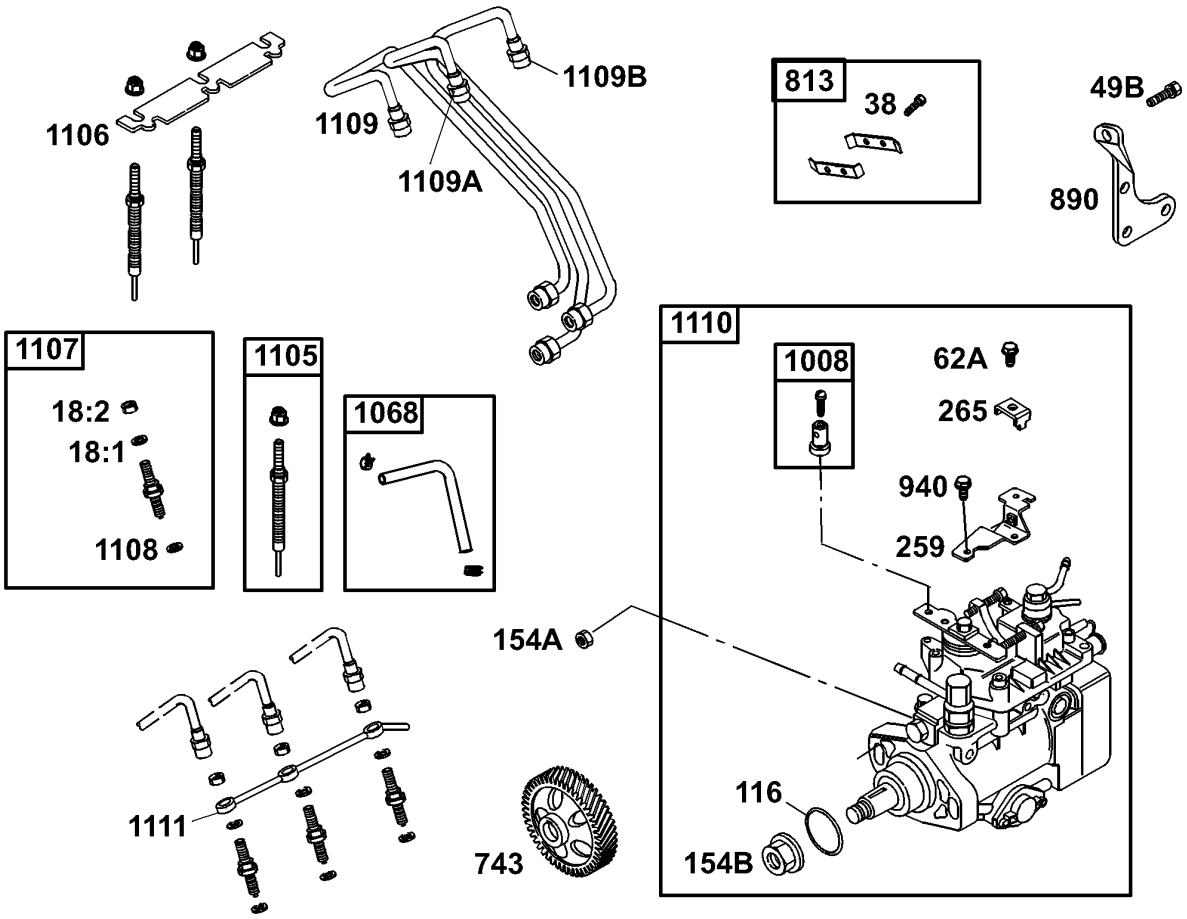


★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

1036 LABEL KIT-EMISSION

Cylinder Head Assembly

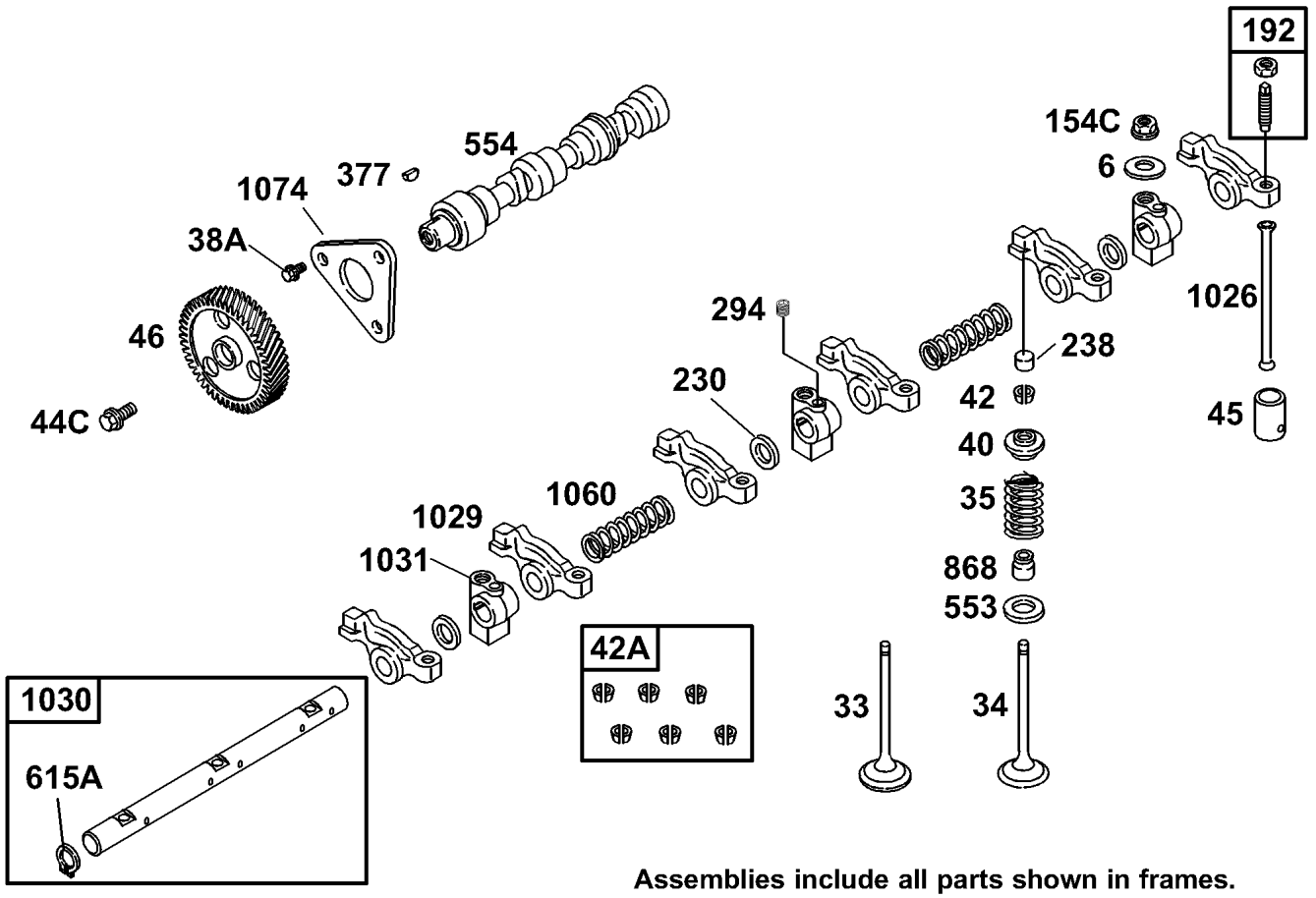
Ref	Part No.	Qty.	Description
5	99-9611	1	Head-Cylinder
7	99-9612	1	Gasket-Head, Cylinder
11	104-7743	1	Tube-Breather
13	99-9614	14	Screw-Metric
21	99-9052	1	Cap-Fill, Oil
24	105-3817	1	Label-Fill, Oil
54	99-9055	2	Stud-Metric
127	99-9008	2	Plug-Welch
149	99-9061	3	Nut-Hex, Metric
355	99-9063	3	Washer-Seal
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
112C	99-9059	1	Stud-Metric
112B	99-9058	5	Stud-Metric
127B	99-9060	2	Plug-Welch
1077A	99-9077	1	Bracket-Lifting



Injection Assembly

Ref	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, No. 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, No. 2
1109B	99-9635	1	Pipe-Injector, No. 3
18:1	100-5148	1	Washer

Ref	Part No.	Qty.	Description
18:2	100-5149	1	Nut-Hex

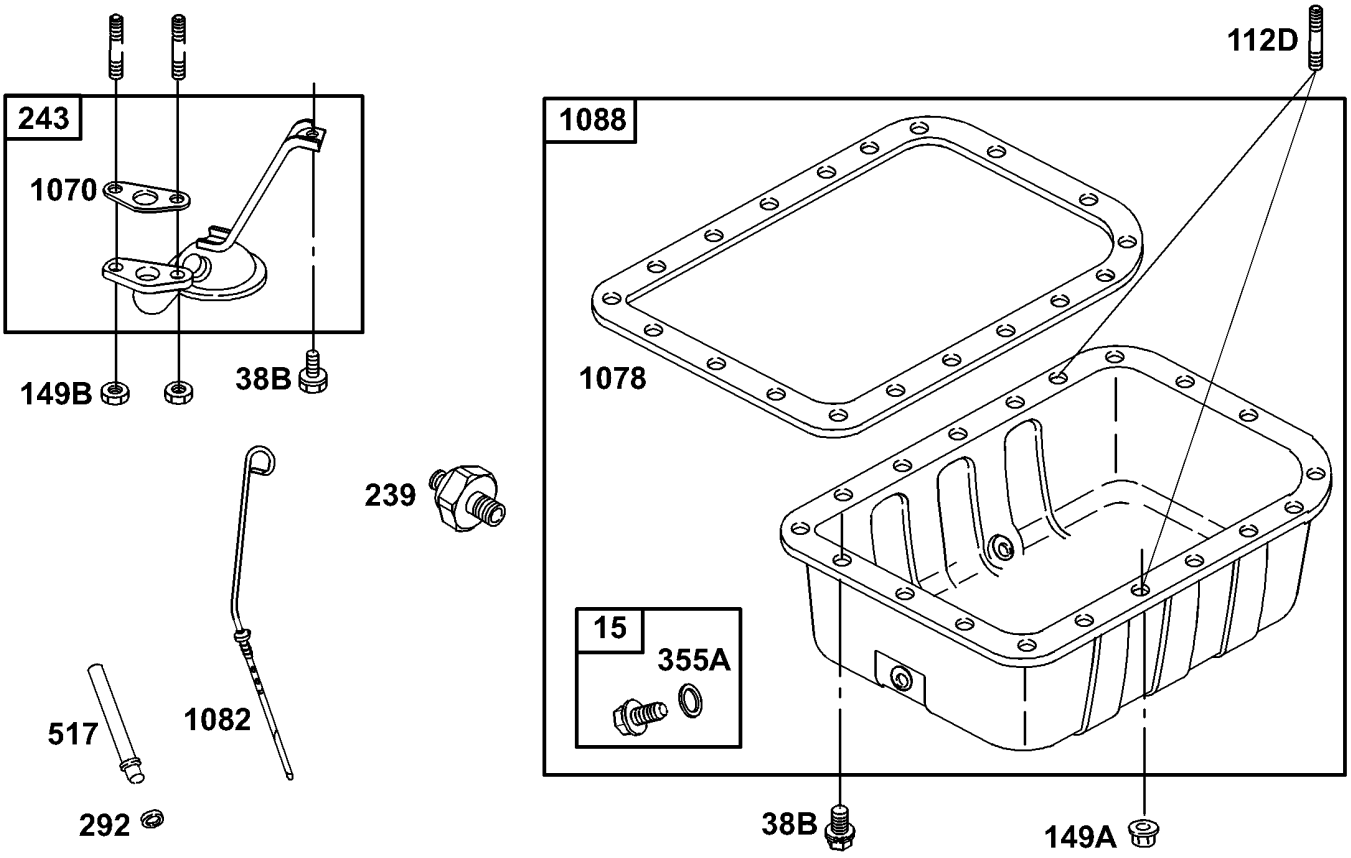


Assemblies include all parts shown in frames.

Rocker Arm Assembly

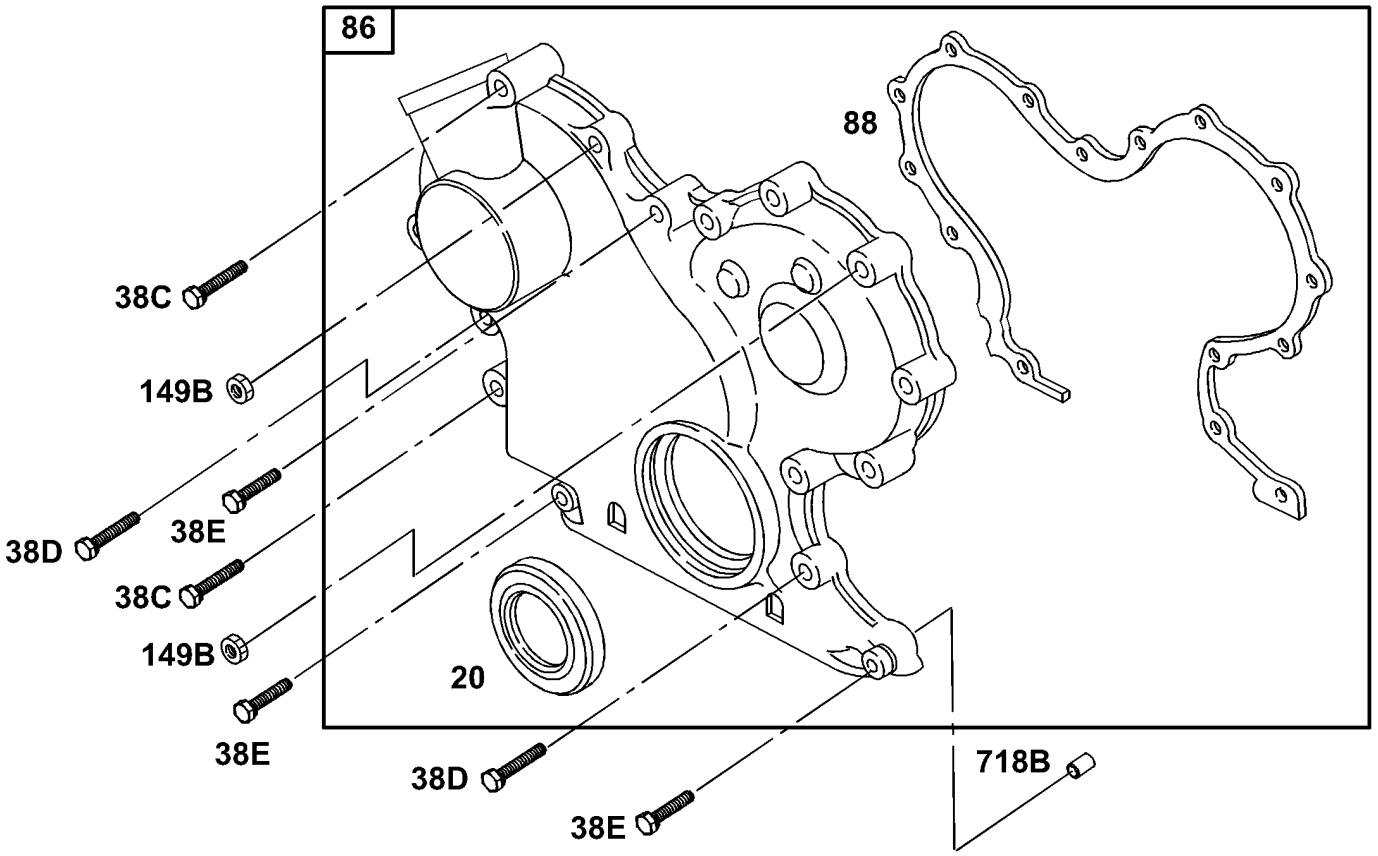
Ref	Part No.	Qty.	Description
6	99-9079	3	Washer-Flat
33	99-9638	3	Valve-Exhaust
34	99-9639	3	Valve-Intake
35	99-9640	6	Spring-Valve
40	99-9084	6	Retainer-Valve
42	99-9086	1	Keeper-Valve
45	99-9088	6	Tappet-Valve
46	99-9641	1	Gear-Cam
192	99-9092	6	Adjuster-Arm, Rocker
230	99-9093	3	Washer-Spacer
238	99-9094	6	Cap-Valve
294	99-9090	1	Screw-Metric
377	99-9642	1	Key-Timing
38A	99-9083	3	Screw-Hex
42A	99-9087	6	Keeper-Valve (Set Of 6)
44C	99-9085	1	Screw-Metric
553	99-9096	6	Seat-Spring, Valve
554	99-9097	1	Shaft-Cam
868	99-9643	6	Seal-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

Ref	Part No.	Qty.	Description
1074	99-9109	1	Retainer-Camshaft
154C	99-9091	3	Nut-Hex, Metric
615A	99-9099	2	Retainer



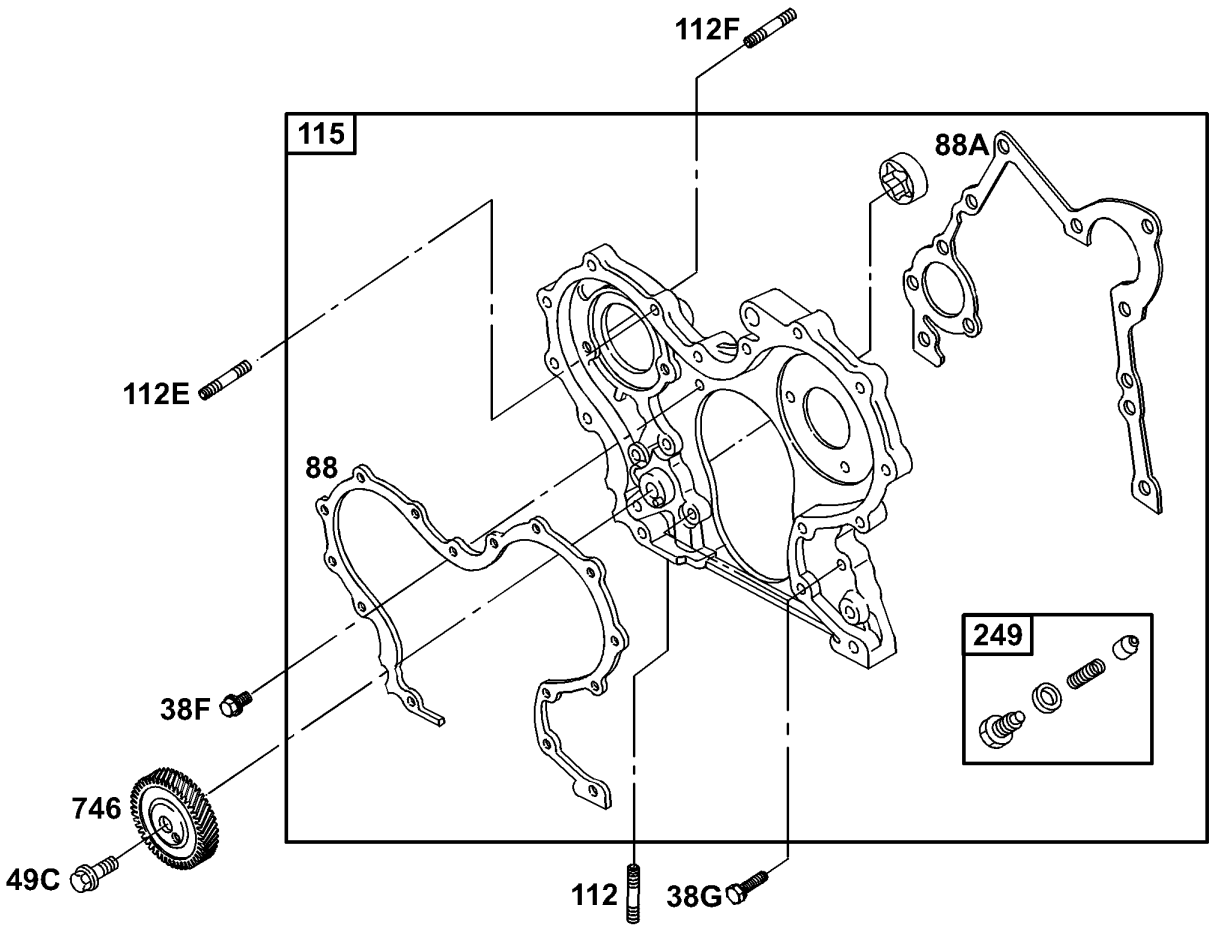
Oil Pan Assembly

Ref	Part No.	Qty.	Description
15	99-9644	2	Plug-Drain, Oil
239	99-9115	1	Switch-Pressure, Oil
243	99-9116	1	Screen-Pump, Oil
292	99-9265	1	O-Ring (Dipstick)
38B	99-9111	18	Screw-Hex
517	99-9271	1	Collar-Tube, 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	99-9112	2	Stud-Metric
149A	99-9113	2	Nut-Hex, Metric
149B	99-9114	2	Nut-Hex, Metric
355A	99-9645	1	Washer-Seal



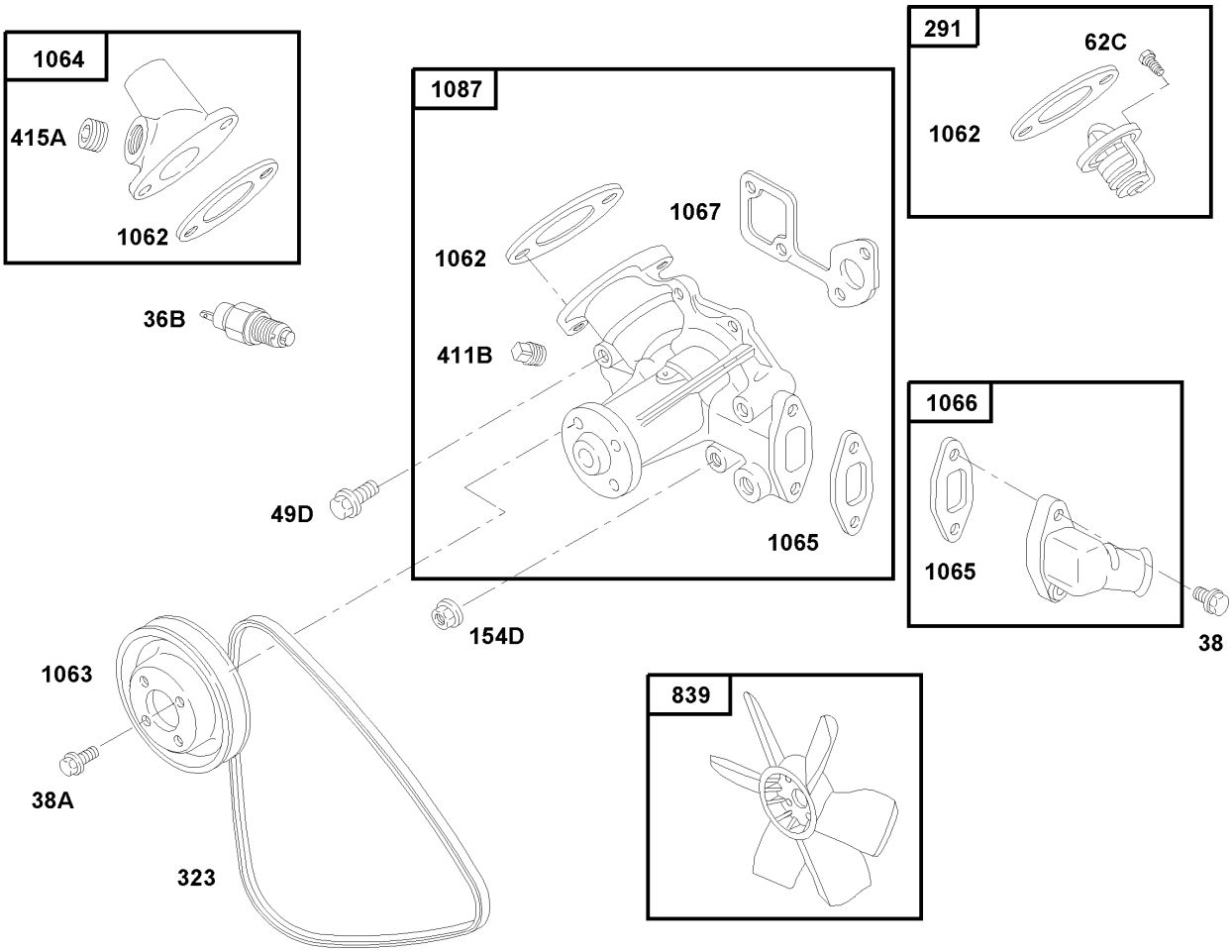
Cover Assembly

Ref	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



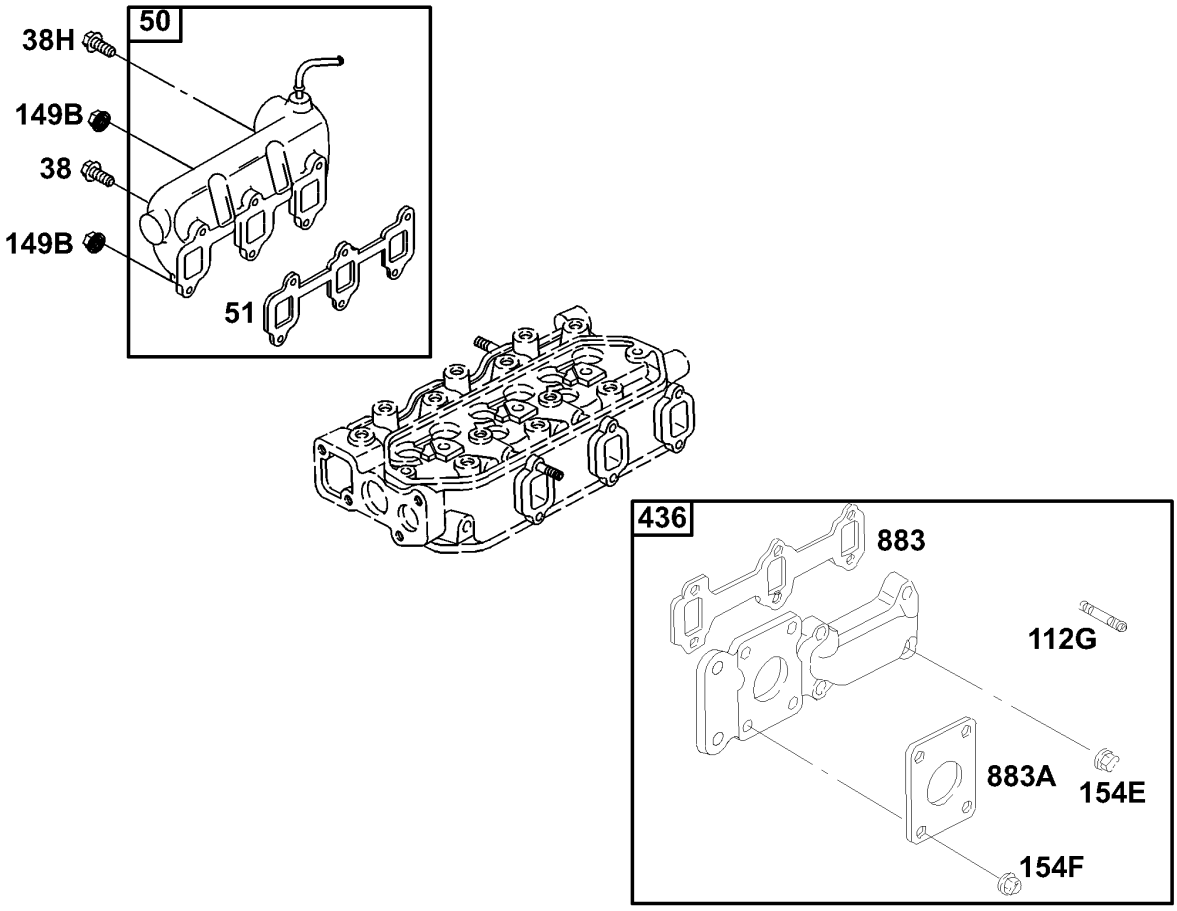
Gear Housing Assembly

Ref	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



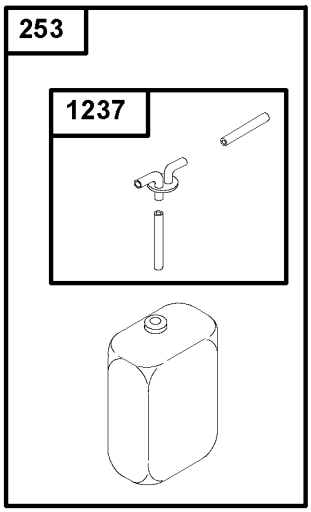
Water Pump Assembly

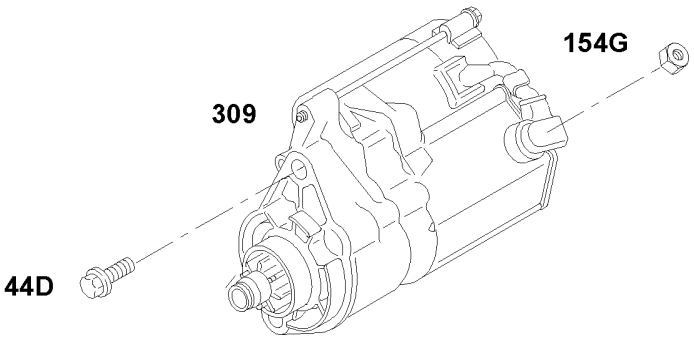
Ref	Part No.	Qty.	Description
38	99-9004	2	Screw-Hex
291	99-9155	1	Thermostat
323	99-8153	1	Belt-V
36B	99-9157	1	Switch-Temperature, Water
38A	99-9111	4	Screw-Hex
49D	99-9151	2	Screw-Hex
62C	99-9152	1	Screw-Metric
839	104-3969	1	Fan-Engine
1062	99-9163	1	Gasket-Outlet
1063	99-9164	1	Pulley-Pump
1064	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-Water
154D	99-9153	1	Nut-Hex, Metric
411B	99-9159	1	Plug
415A	99-9158	1	Plug

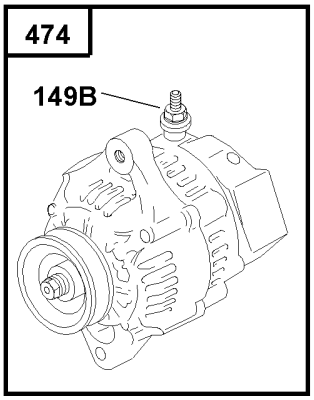


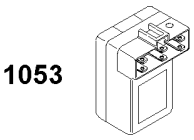
Manifold Assembly

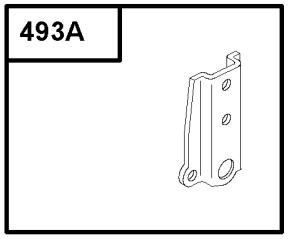
Ref	Part No.	Qty.	Description
38	99-9004	1	Screw-Hex
50	99-9661	1	Manifold-Intake
51	99-9662	1	Gasket-Intake
38H	99-9660	3	Screw-Hex
436	99-9177	1	Manifold-Exhaust
883	99-9178	1	Gasket-Exhaust
112G	100-6407	4	Stud-Manifold, Exhaust
149B	99-9114	2	Nut-Hex, Metric
154E	99-9175	6	Nut-Hex, Metric
154F	99-9176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





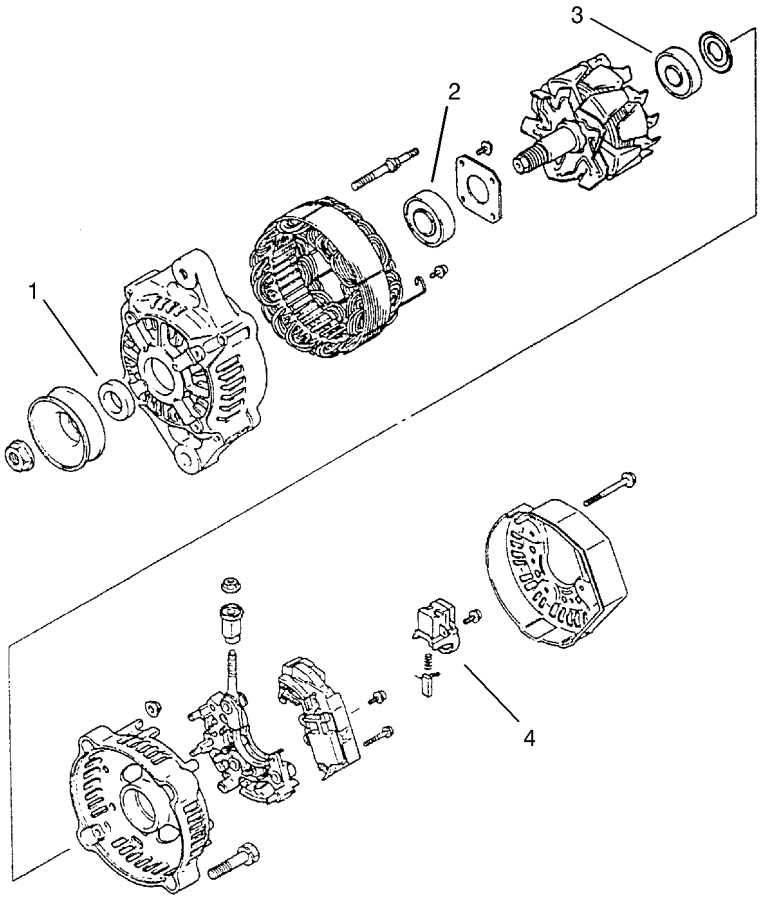






Alternator Assembly

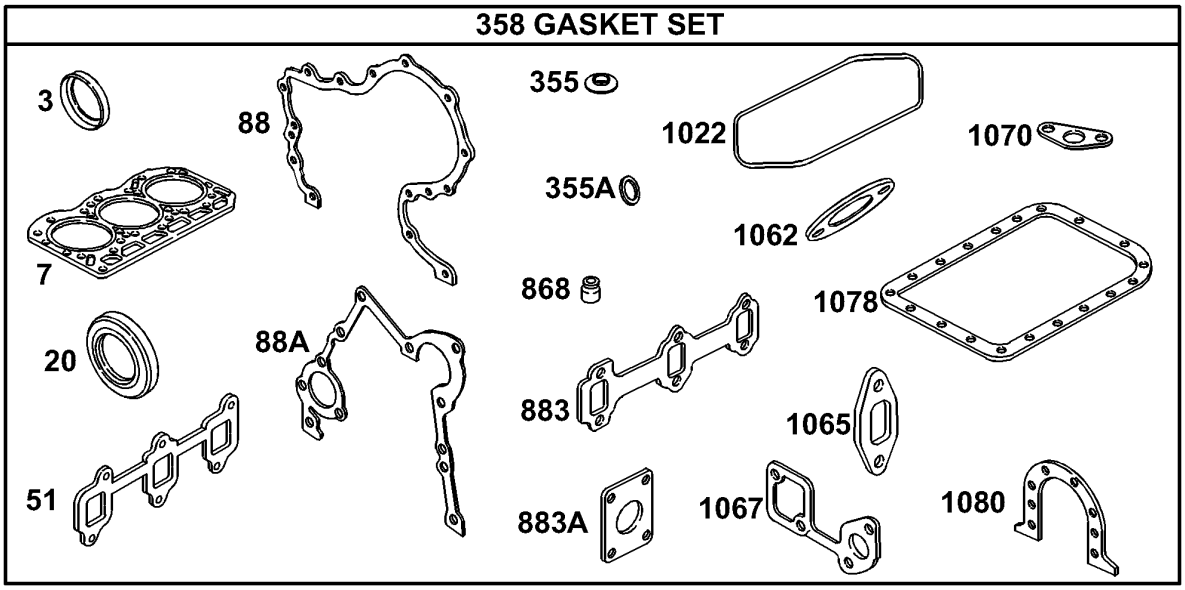
Ref	Part No.	Qty.	Description
253	104-3930	1	Tank-Radiator, Surge
309	99-9207	1	Motor-Starter
44D	99-9201	2	Screw-Hex
474	99-9209	1	Alternator
1053	99-9666	1	Module
1237	106-1886	1	Hose/Clamp ASM
149B	99-9114	1	Nut-Hex, Metric
154G	99-9206	1	Nut-Hex, Metric
493A	104-3931	1	Mounting-Tank, Surge

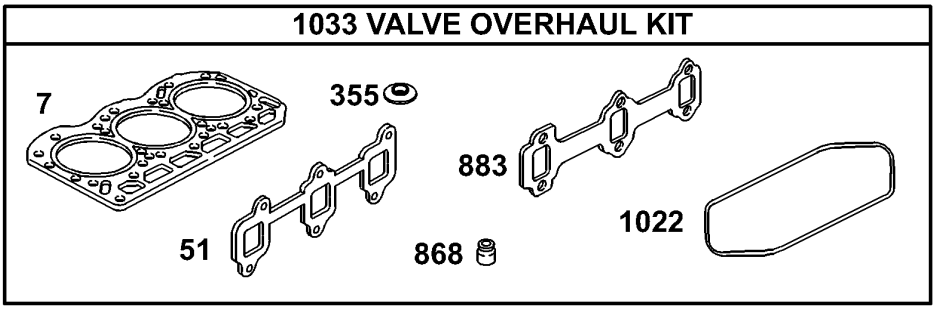


Parts not listed in part list are not serviced separately

Alternator Assembly No. 99-9209

Ref	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





Gasket and Valve Overhaul Kit

Ref	Part No.	Qty.	Description
3	99-9003	1	Seal-Oil
7	99-9612	1	Gasket-Head, Cylinder
20	99-9126	1	Seal-Oil
51	99-9662	1	Gasket-Intake
88	99-9653	1	Gasket-Cover, Gear
355	99-9063	1	Washer-Seal
358	99-9667	1	Gasket-Set
868	99-9643	6	Seal-Valve
883	99-9178	1	Gasket-Exhaust
88A	99-9136	1	Gasket-Cover, Gear
1022	99-9073	1	Gasket-Cover, Rocker
1033	99-9668	1	Valve Overhaul Kit
1062	99-9163	1	Gasket-Outlet
1065	99-9166	1	Gasket-Housing, Inlet
1067	99-9168	1	Gasket-Pump, Water
1070	99-9120	1	Gasket-Strainer, Oil
1078	99-9121	1	Gasket-Pan, Oil
1080	99-9021	1	Gasket-Retainer
355A	99-9645	1	Washer-Seal
883A	99-9179	1	Gasket-Exhaust

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