



WHEEL HORSE[®]
523dxi Garden Tractor
523dxi EuroGarden Tractor

Model No. 73552 – 9900001 & Up
Model No. 73590 – 9900001 & Up

Parts Catalog

ORDERING REPLACEMENT PARTS

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

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Note:

Accessories

Description	Model / Parts No.
42" Rear Discharge Mower (Model No. 73552 Only)	78353
42" Rear Discharge Low Cut Mower (Model No. 73590 Only)	78442
44" Side Discharge Mower (Model No. 73553 Only)	78357
44" Side Discharge Low Cut Mower (Model No. 73590 Only)	78444
48" Side Discharge Mower (Model No. 73552 Only)	78363
48" Side Discharge Low Cut Mower (Model No. 73590 Only)	78448
52" Side Discharge Mower (Model No. 73552 Only)	78370
52" Side Discharge Low Cut Mower (Model No. 73590 Only)	78452
60" Side Discharge Mower (Model No. 73552 Only)	78395

Description	Model / Parts No.
60" Side Discharge Low Cut Mower (Model No. 73590 Only)	78469
36" Tiller*	79375
50" Grader Blade*	79356
42" Single Stage Snowthrower**	79365
44" Two–Stage Snowthrower**	79366
48" Snow/Dozer Blade**	79355
Twin Bagger/Blower Kit (44" Cutting Unit) (Model No. 73552 Only)	78353
Twin Bagger/Blower Kit (48" Cutting Unit) (Model No. 73552 Only)	79310
Twin Bagger/Blower Kit (48" Cutting Unit) (Model No. 73590 Only)	79448
Recycler Kit (44" Cutting Unit)	86041
Recycler Kit (48" Cutting Unit)	79195
Recycler Kit (52" Cutting Unit)	79185
Rear Attach–A–Matic	98–8703
Clevis Hitch	94–7800

Note: * Requires 98–8703

** Requires 81115

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

Service Assemblies

Parts within service assemblies have reference numbers in the form X:Y. X is the reference number of the service assembly and Y is a sequential number unique to each part within the service assembly.

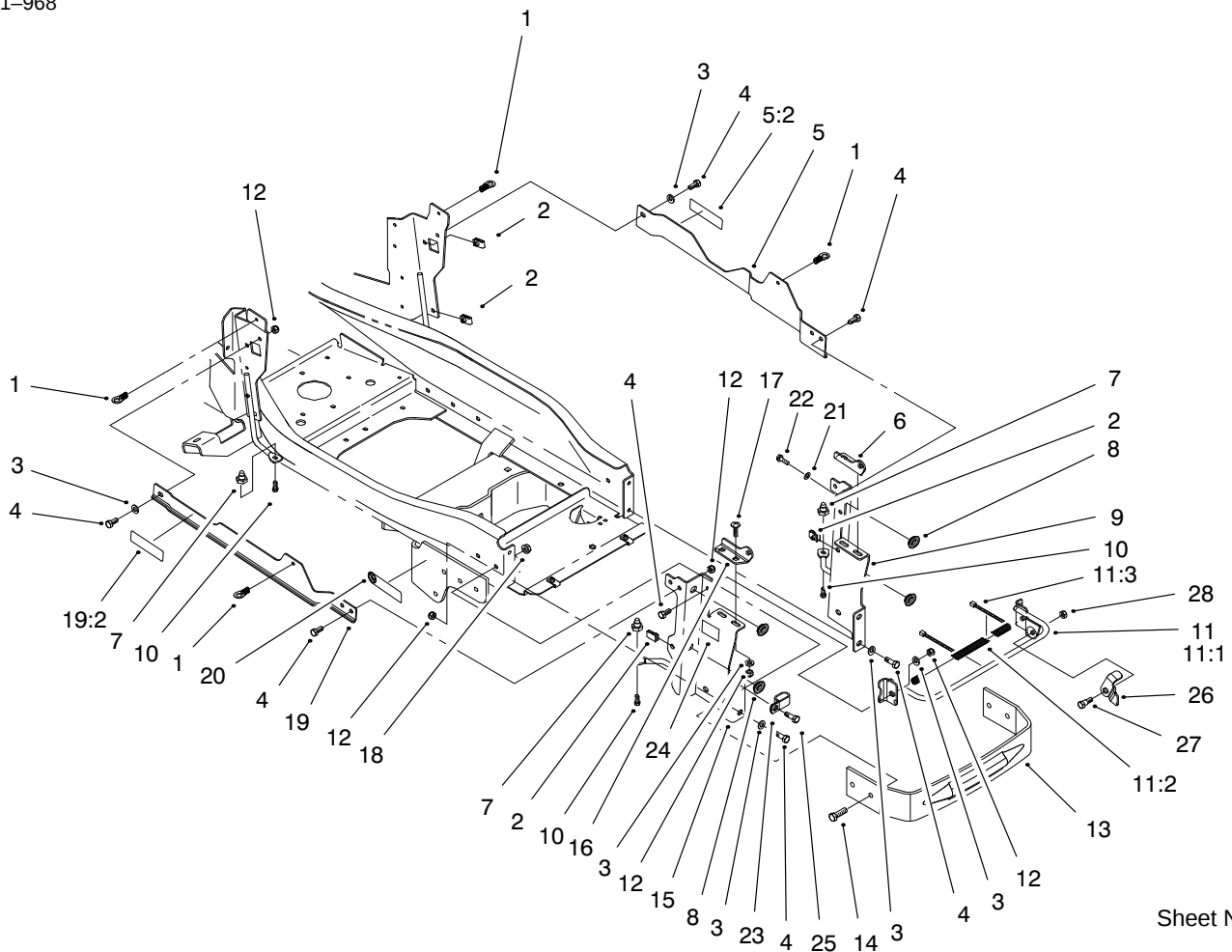
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

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

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form X (Y). X is the reference number. Y in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

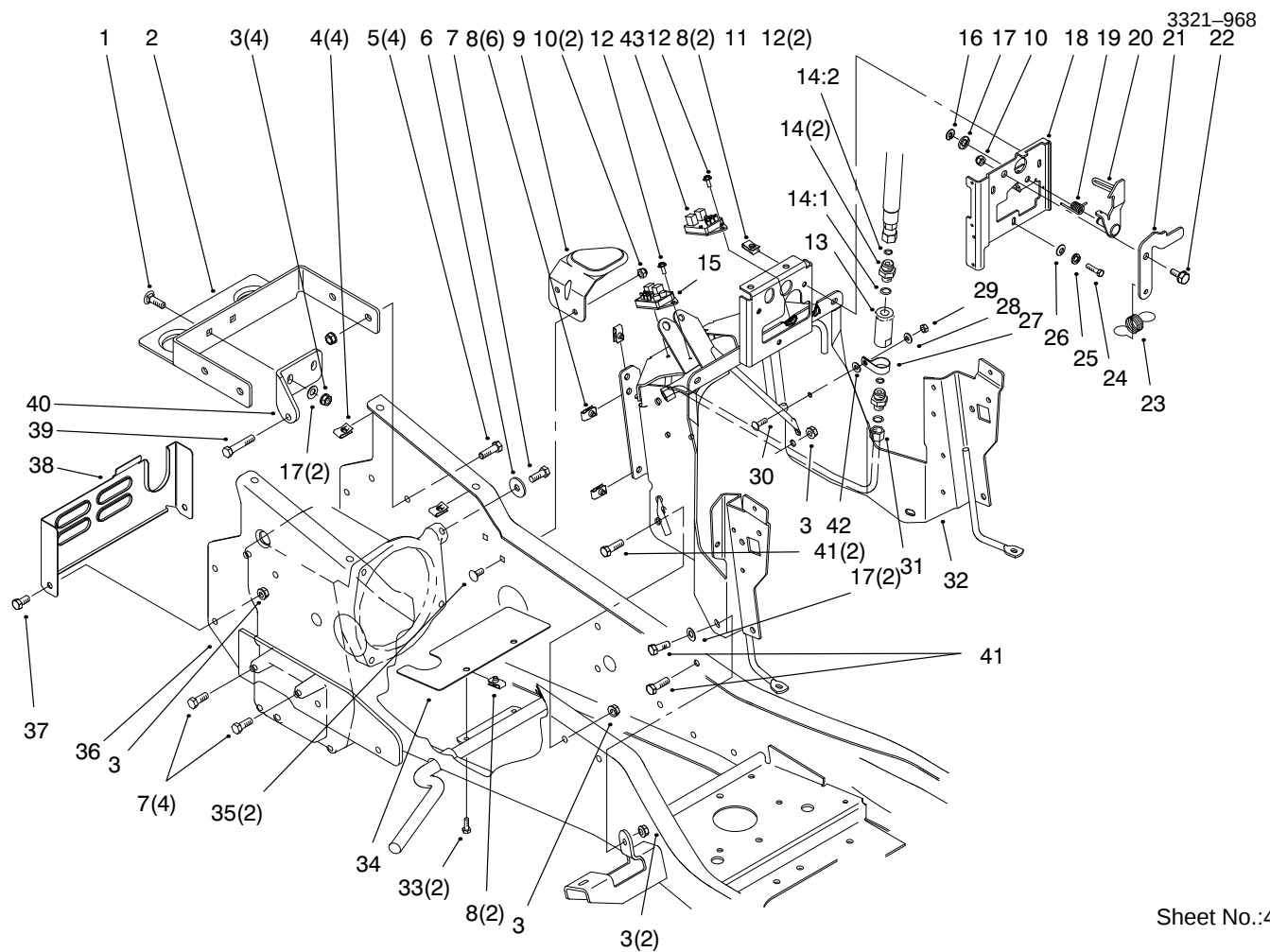


Sheet No.:3

Bumper & Hood Support Assembly

Ref. No.	Part No.	Qty.	Description
1	95-4013	4	Assembly – Latch
2	107069	6	Clip
3	3256-23	12	Washer-Flat
4	322-3	11	Screw-HH
5	98-5070	1	ASM – Support w/Decal (Only On: 73590)
5	98-5064	1	ASM – Support w/Decal (Only On: 73552)
5:2	98-5014	1	Decal – Warning (Only On: 73552)
5:2	98-5015	1	Decal – Warning (Only On: 73590)
6	98-9026-03	1	Brkt-Hinge Lower LH
7	95-3989	4	Mount – Sidepanel
8	94-7910	4	Grommet
9	95-4082-03	1	Wa-Hood Sprt LH
10	46-8093	4	Screw-Plastite
11	99-5305	1	Support-Hood ASM
11:1	98-9017-03	1	Hood Support Brace W.a.
11:2	95-4258	1	Cover – Brace
11:3	614249	2	Strap-Tie Sm
12	3296-29	16	Nut-Lock Ni
13	94-2308-03	1	Bumper – Frame

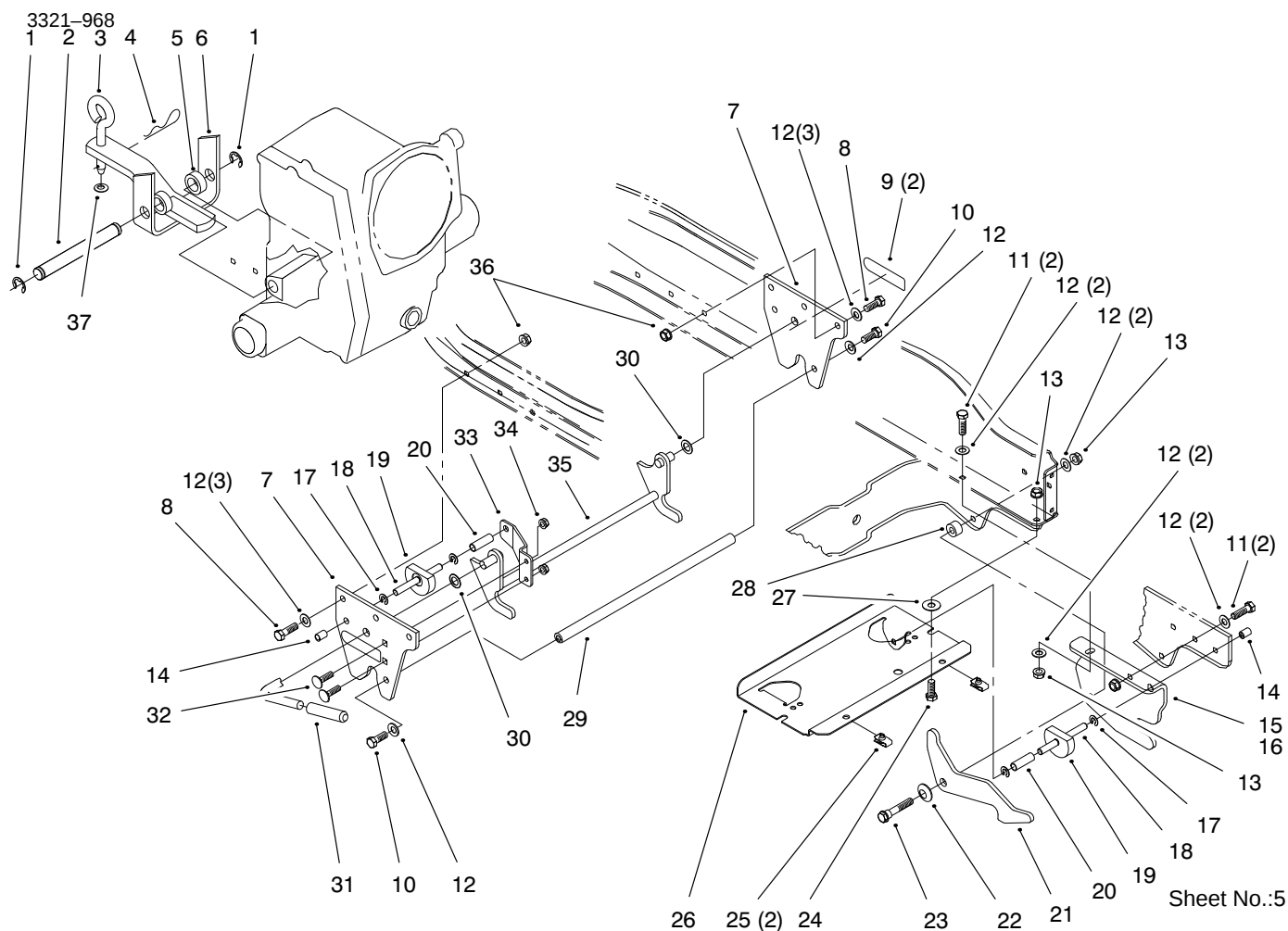
Ref. No.	Part No.	Qty.	Description
14	323-7	4	Screw-HH
15	95-4081-03	1	Wa-Hood Sprt RH
16	98-9027-03	1	Brkt-Hinge Lower RH
17	3230-16	4	Screw-HH
18	3296-39	4	Nut-Lock Ni
19	99-5344	1	ASM Support/Decal (Only On: 73590)
19	99-5345	1	ASM-Support/Decal (Only On: 73552)
19:2	98-5015	1	Decal – Warning (Only On: 73590)
19:2	98-5014	1	Decal – Warning (Only On: 73552)
20	92-8747	2	Decal Attach-A-Matic
21	3256-61	2	Washer-Flat (Only On: 73590)
22	32144-42	2	Screw-Selftap (Only On: 73590)
23	98-1617	1	Clamp-Tube
24	93-8069	2	Decal-Hot Surface
25	322-5	1	Screw-HH
26	98-9015	1	Lever – Hood Prop
27	37-8771	1	Screw-Shoulder
28	3296-47	1	Nut-Lock Ni



Sheet No.:4

Steering Tower & Fuel Tank Supports Assembly

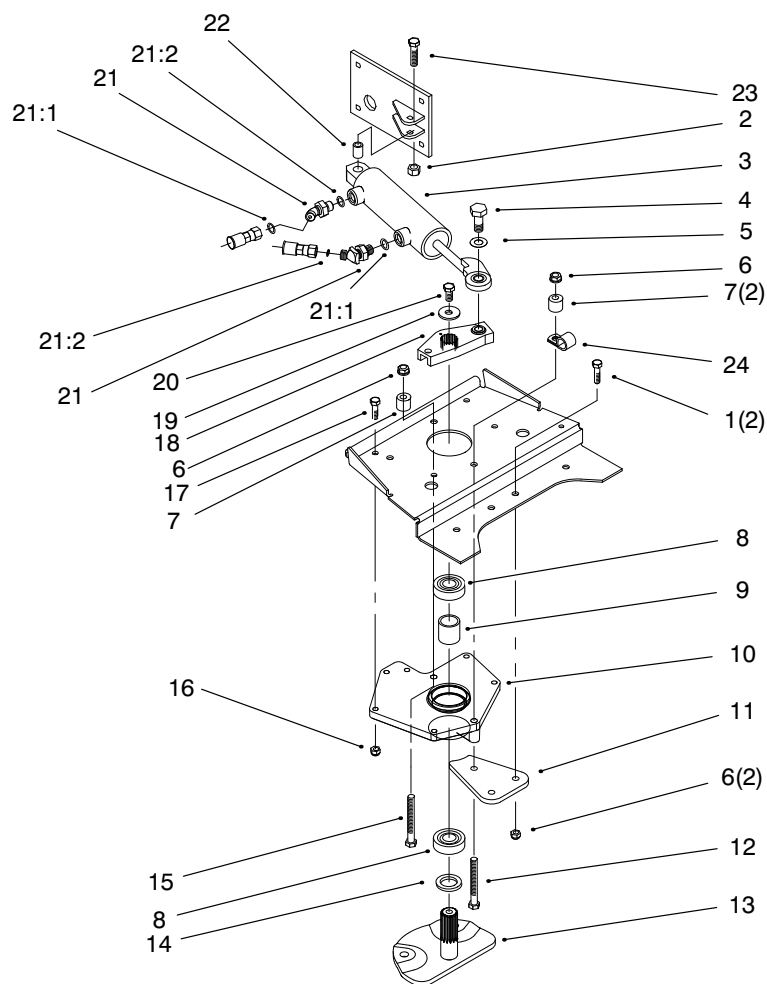
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3231-25	2	Screw-CARR	24	321-4	3	Screw-HH
2	94-7740-03	1	Support-Gas Tank	25	3253-3	3	Washer-Lock/Sp
3	3296-39	10	Nut-Lock Ni	26	3256-22	3	Washer-Flat
4	94-2413	4	U-Nut	27	2412-106	1	Clamp
5	323-7	4	Screw-HH	28	3256-22	1	Washer-Flat
6	2844	1	Washer	29	3296-42	1	Nut-Lock Ni
7	3235-22	5	Screw-HH	30	3229-1	1	Screw-CARR
8	107069	10	Clip	31	94-7971	1	Tube - Hydraulic
9	95-3961-03	1	Support - Fuel Tank	32	99-4441-03	1	Tower ASM-Welded
10	3296-29	3	Nut-Lock Ni	33	321-4	2	Screw-HH
11	99-1939	1	Module-Low Fuel	34	95-4246	1	Baffle - Fan
12	12-5450	4	Screw-Special Vex	35	3230-20	2	Screw-CARR
13	95-3991	1	Filter - Hydraulic	36	99-5306-03	1	Frame Wa
14	95-4138	2	Fitting - Hydr. Straight	37	323-4	2	Screw-HH
14:1	237-22	1	O Ring	38	95-4005-03	1	Cover - Rear
14:2	237-42	1	O-Ring	39	94-7972	1	Screw - HH
15	99-3703	1	Module-Cruise	40	94-7739-03	1	Strap-Torque
16	105797	1	E-Ring 3/8 Shaft	41	323-6	4	Screw-HH
17	3256-24	5	Washer-Flat	42	32115-15	1	Pushnut-Bolt Retainer
18	95-3892-03	1	Bracket - Latch	43	99-3701	1	Module-Nmir, Clutch
19	95-4165	1	Spring - Latch Lever				
20	95-3899	1	Wa - Latch Lever				
21	95-3900	1	Latch - Tension Lever				
22	37-8771	1	Screw-Shoulder				
23	95-3895	1	Spring - Latch Lever				



Attach A Matic & Hitch Assembly

Ref. No.	Part No.	Qty.	Description
1	5618	2	E-Ring
2	105269	1	Pin-Stationary Hitch
3	106634	1	Pin-Tool
4	9335054	1	Pin-Hair Cotter
5	9791204	2	Spacer
6	98-8083-03	1	Hitch Wa
7	94-2251-03	2	Plate - Hitch
8	323-44	6	Screw-HH
9	98-1632	2	Decal - Attach-A-Matic
10	3235-22	2	Screw-HH
11	323-7	4	Screw-HH
12	3256-24	16	Washer-Flat
13	3296-39	8	Nut-Lock Ni
14	105316	3	Cap-Plunger Rod
15	94-2230-03	1	Hanger - RH
16	94-2231-03	1	Hanger - LH
17	105797	6	E-Ring 3/8 Shaft
18	94-2256	3	Rod - Lock
19	94-2258	3	Lock - Latch
20	8616	3	Spring
21	94-7777	2	Latch-Pulley Box
22	3290-221	2	Washer-Spring
23	92-7674	2	Bolt
24	323-6	2	Screw-HH
25	107069	2	Clip

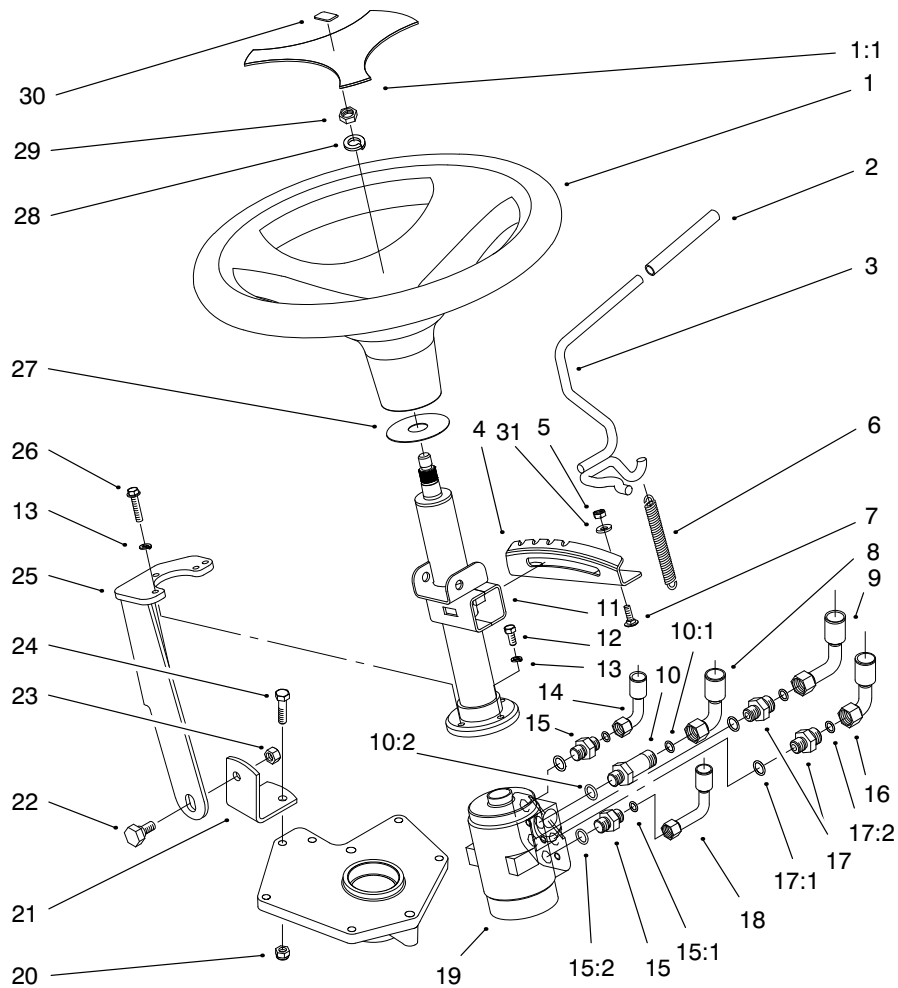
Ref. No.	Part No.	Qty.	Description
26	94-2304-03	1	Tray - Battery
27	3256-24	2	Washer-Flat
28	94-2233	2	Spacer
29	94-2475	1	Rod - Spacer
30	98-1629	2	Washer
31	9038	1	Grip
32	3230-2	2	Screw-CARR
33	94-7855-03	1	Brkt-Mid Aam
34	3296-29	2	Nut-Lock Ni
35	94-2250-03	1	Wa - Latch
36	108881	6	Nut-Differential
37	3256-26	1	Washer-Flat



Sheet No.:8

Power Steering Lower Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	323-7	2	Screw-HH	20	98-3052	1	Screw - Thread Locking
2	108881	1	Nut-Differential	21	95-4136	2	Fitting - Hydraulic 45
3	99-1909	1	Cylinder-Power Steering	21:1	237-42	1	O-Ring
4	94-7976	1	Screw-Hhh,5-20x1.5	21:2	237-21	1	O Ring
5	98-3087	1	Washer - Power Steering	22	99-2320	1	Spacer-P.s. Cyl.
6	3296-39	4	Nut-Lock Ni	23	323-9	1	Screw-HH
7	94-7819	2	Spacer - Stop	24	98-2358	1	Clamp - R
8	251-82	2	Bearing-Ball Rtd				
9	94-2219	1	Spacer - Power Steering				
10	94-7581	1	Hsg - Power Strg (Mach)				
11	94-7820-03	1	Plate-Power Steering				
12	323-15	1	Screw-HH				
13	94-2142-03	1	Wa-Sector Shaft				
14	3256-42	1	Washer-Flat				
15	323-10	1	Screw-HH				
16	3296-29	4	Nut-Lock Ni				
17	322-6	4	Screw-HH				
18	94-7556	1	Arm - Power Strg Upper				
19	2844	1	Washer				

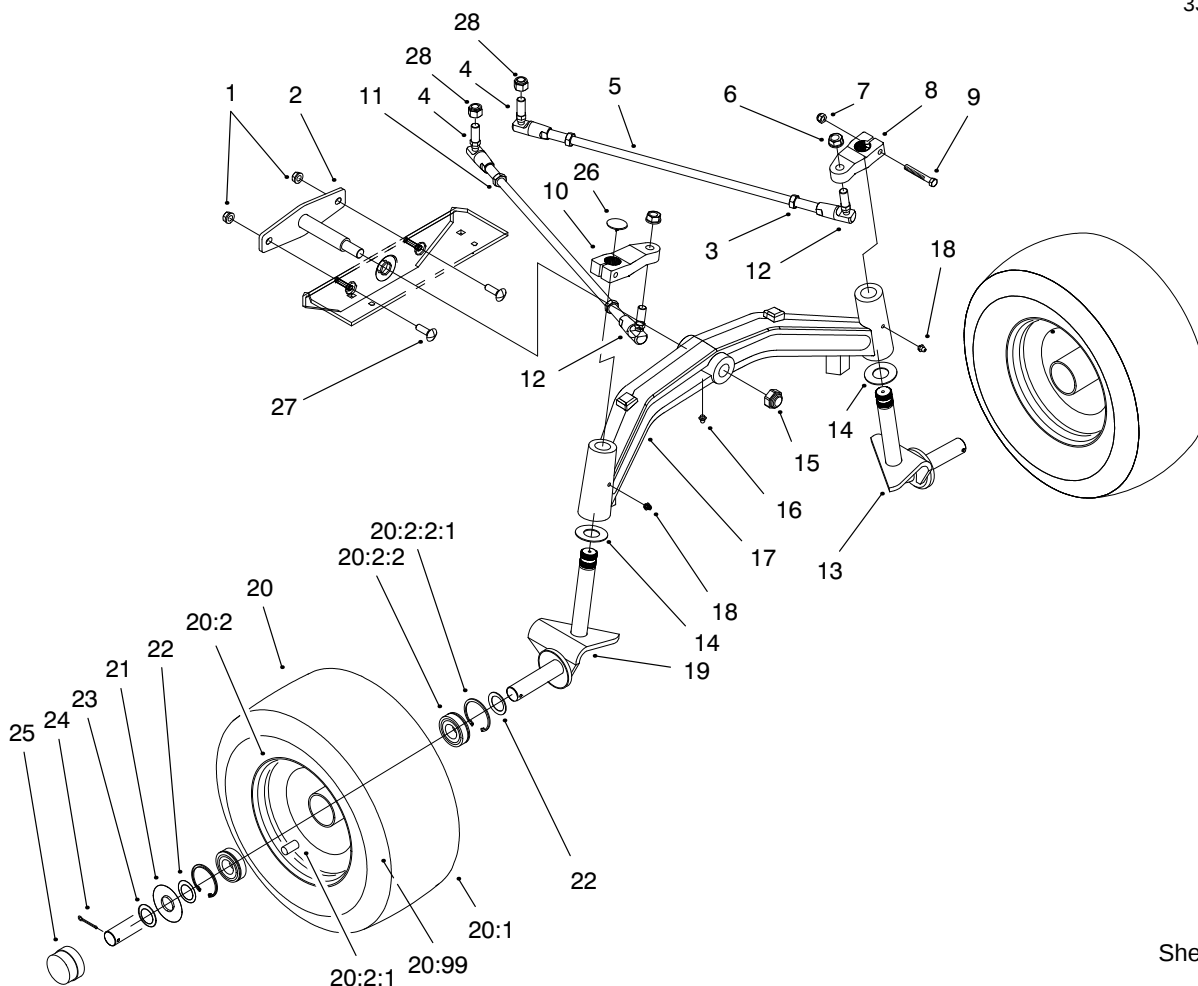


Sheet No.:9

Power Steering & Tilt Assembly

Ref. No.	Part No.	Qty.	Description
1	98-1474	1	Wheel – Steering 15",Soft
1:1	98-7211	1	Assembly – Cover (Service)
2	92-6798	1	Cap – Rod Tilt
3	95-3964	1	Wa – Tilt Lever
4	94-2382	1	Bracket – Detent
5	3296-42	2	Nut-Lock Ni
6	95-3805	1	Spring
7	3229-1	2	Screw-CARR
8	94-7947	1	Assembly – Hose
9	94-7949	1	Assembly – Hose
10	95-4137	1	Fitting – Hydraulic Long
10:1	237-42	1	O-Ring
10:2	237-22	1	O Ring
11	94-2451	1	Wa-Power Column
12	33103-020	1	Screw-HHF
13	48-8020	4	Washer
14	94-7948	1	Assembly – Hose
15	95-4139	2	Fitting – Hydr. Straight
15:1	237-42	1	O-Ring
15:2	237-21	1	O Ring
16	95-3807	1	Assembly – Hose
17	95-4138	2	Fitting – Hydr. Straight
17:1	237-22	1	O Ring

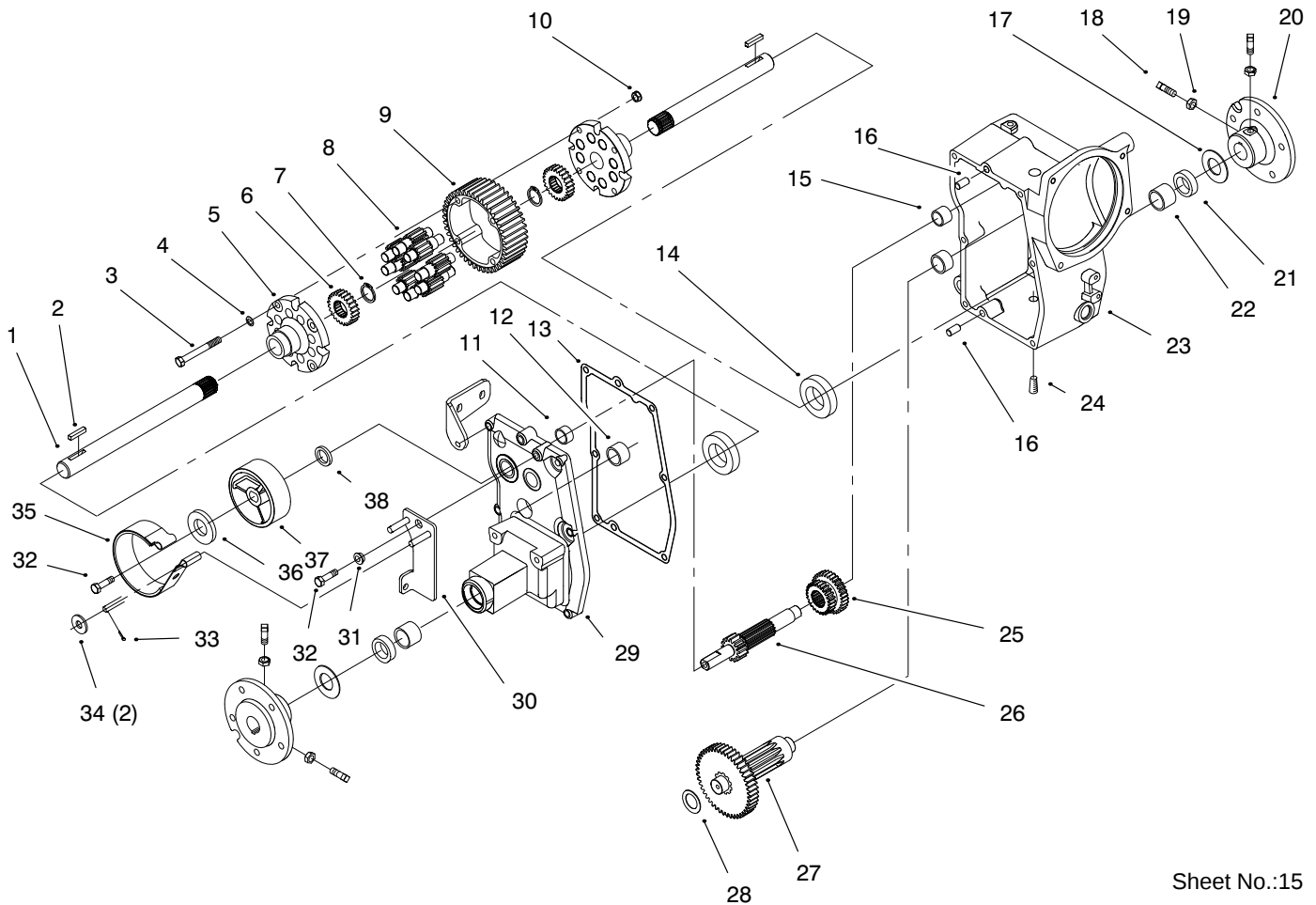
Ref. No.	Part No.	Qty.	Description
17:2	237-42	1	O-Ring
18	94-7946	1	Assembly – Hose
19	94-7567	1	Cntrl Unit – Power Strg
20	3296-29	2	Nut-Lock Ni
21	94-7599-03	1	Brkt-Pivot,Pwr Strg
22	94-7582	1	Bolt – Shoulder
23	108881	1	Nut-Differential
24	322-6	2	Screw-HH
25	94-7521-03	1	Wa-Power String Pivot
26	33103-025	3	Screw-HHF
27	94-2025	1	Washer – Boot
28	69-8420	1	Washer-Lock
29	95-4182	1	Nut – HH Jam
30	98-1459	1	Decal – Toro
31	3256-22	2	Washer-Flat



Sheet No.:14

Tie Rods, Spindle, & Front Axle Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3296-39	2	Nut-Lock Ni	20:99	112819	1	Tube-Inner
2	94-2205-03	1	Wa - Pivot Pin	21	95-4060	2	Washer - Wheel
3	3220-5	2	Nut-Hex Jam	22	9202514	4	Washer
4	94-7539	2	Balljoint - LH Thread	23	9202524	2	Washer
5	94-2212	2	Rod - Steering	24	3272-18	2	Pin-Cotter
6	98-8088	2	Nut-Lock	25	94-7871	2	Cap - Dust
7	3296-29	2	Nut-Lock Ni	26	98-1642	2	Cap - Spindle
8	94-2197	1	Arm - Steering LH	27	3231-25	2	Screw-CARR
9	322-32	2	Screw-HH	28	98-8089	2	Nut-Esna
10	94-2196	1	Arm - Steering RH				
11	3220-12	2	Nut-Hex, Jam, LH				
12	98-8086	2	Balljoint - RH Thread				
13	94-7537-03	1	Wa - LH Spindle				
14	9548	2	Washer-Thrust				
15	3296-61	1	Nut-Lock				
16	302-5	1	Fitting-Lube				
17	94-7568-03	1	Axle-Front 25mm				
18	302-5	2	Fitting-Lube				
19	94-7536-03	1	Wa-RH Spindle				
20	99-3695	2	Wheel & Tire ASM, Toro				
20:1	99-3696	1	Tire				
20:2	94-7541	1	Rim ASM, Toro				
20:2:1	5108	1	Valve-Tubeless Tire				
20:2:2	94-7538	2	Bearing				
20:2:2:1	94-2053	1	Ring-Snap				

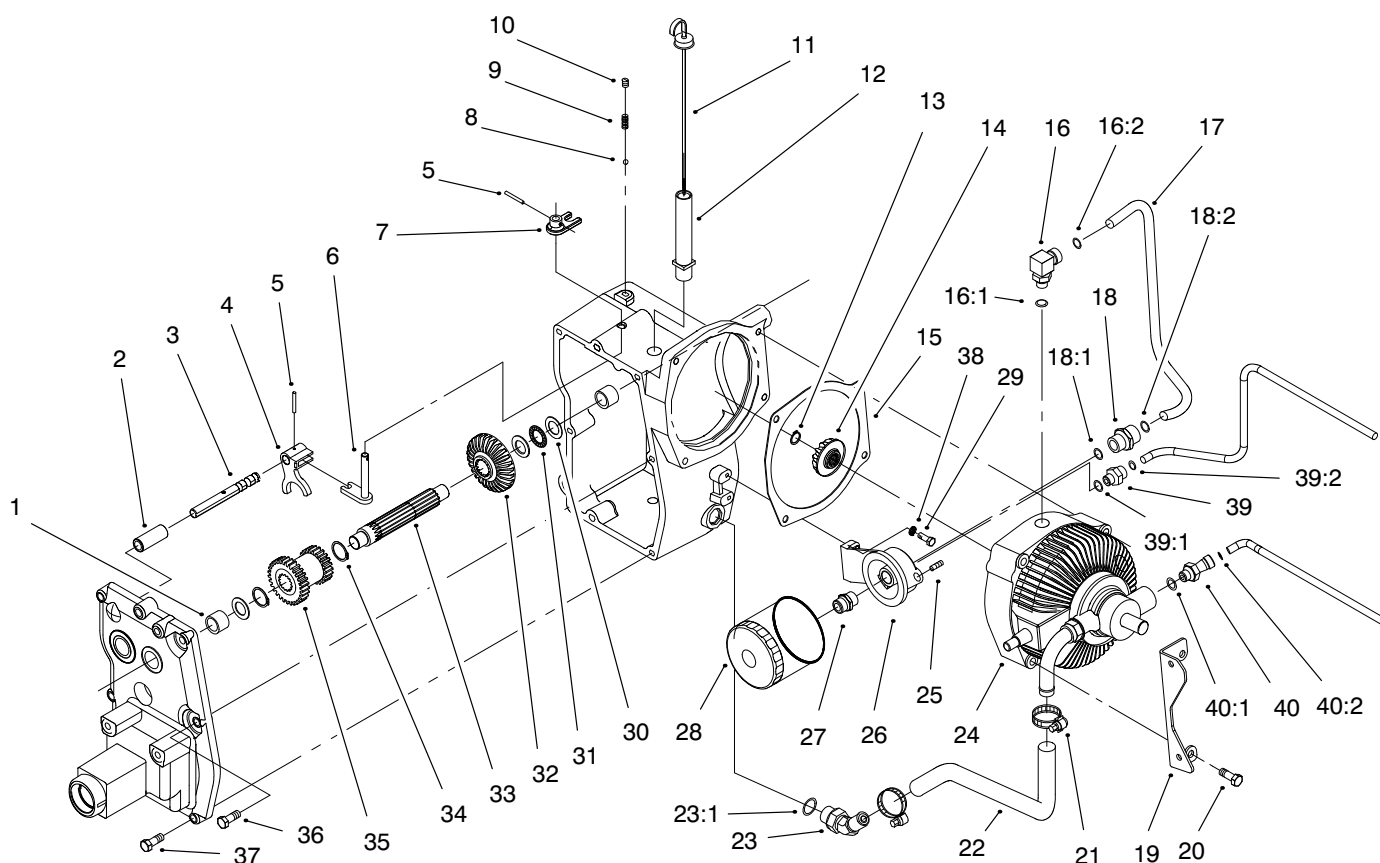


Sheet No.:15

Hydro Transaxle Assembly

Ref. No.	Part No.	Qty.	Description
1	79-3340	2	Axle-Rear (11.62)
2	79-3370	2	Key
3	911423	4	Bolt-Hex
4	107374	4	Washer
5	111196	2	End Cap-Differential
6	101889	2	Gear-Axle Differential
7	105876	2	Ring-Snap
8	101623	8	Gear-Pinion 11t
9	105061	1	Gear-Differential Ring 43t
10	108881	4	Nut-Differential
11	1540	1	Bearing-Needle
12	94-2021	2	Bearing - Needle
13	99-5334	1	Gasket-Case
14	111199	2	Bearing-Ball
15	1529	1	Bearing-Needle
16	108363	2	Pin-Locating
17	106826	2	Washer-Thrust
18	3243-5	4	Screw-Set
19	3218-3	4	Nut-Jam
20	105763-03	2	Hub-Whl(5blt1-1/8 (Black))
21	6449	2	Seal-Oil
22	9416	2	Bearing
23	94-2001-03	1	Case-LH-Trans
24	99-8551	1	Plug-Pipe

Ref. No.	Part No.	Qty.	Description
25	94-2008	1	Gear - Sliding
26	94-2007	1	Shaft - Brake
27	94-2006	1	Assembly - Gear
28	9547	1	Washer-Thrust
29	94-2002-03	1	Case-RH-Trans
30	94-2019-03	1	Wa-Brake Pivot Arm
31	100309	1	Cam-Spacer
32	3235-22	2	Screw-HH
33	3272-6	2	Pin-Cotter
34	3256-24	2	Washer-Flat
35	94-2419	1	Band - Brake
36	2844	1	Washer
37	94-2009	1	Drum - Brake
38	253-44	1	Seal-Oil

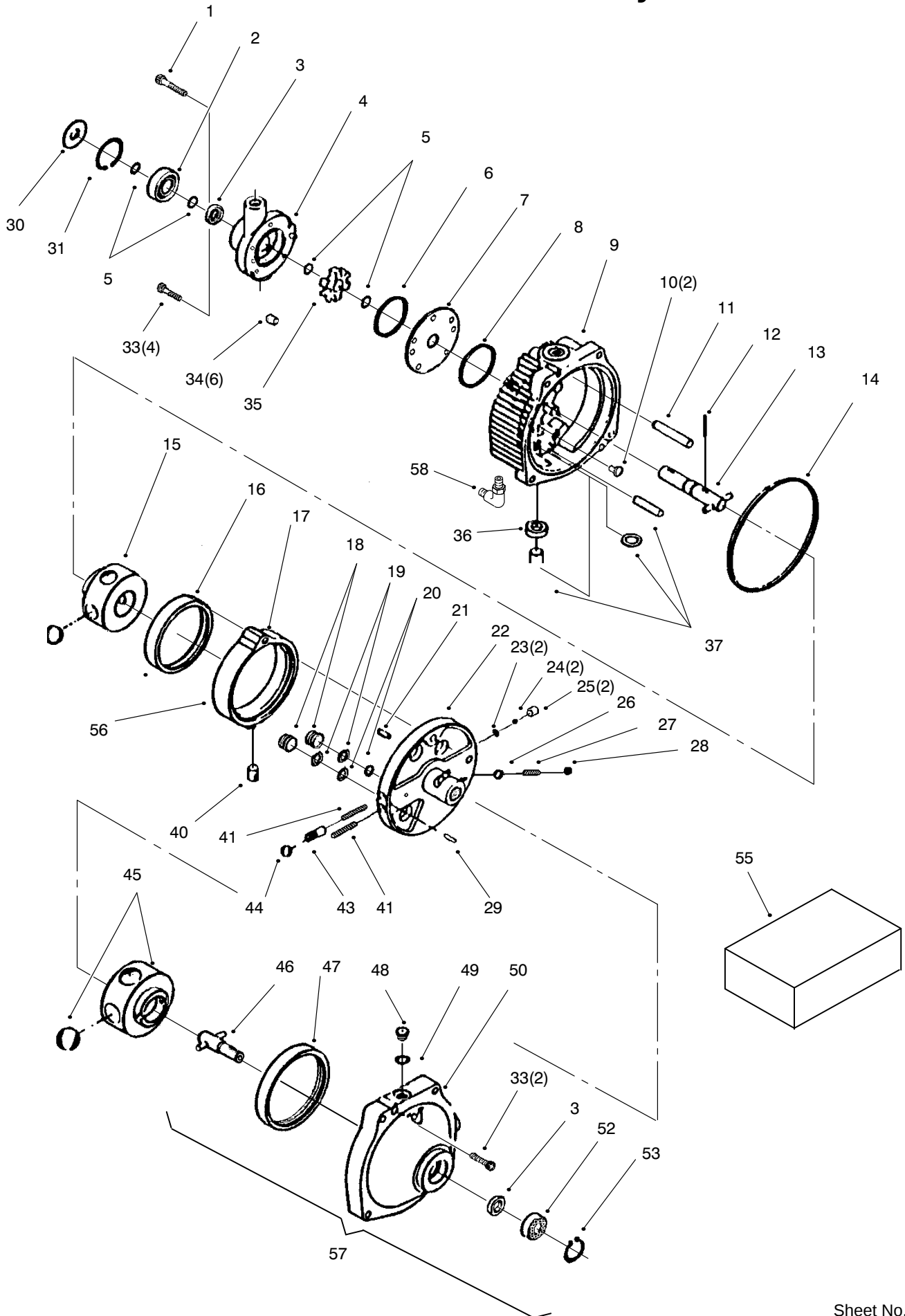


Sheet No.:16

Hydro Transaxle Assembly

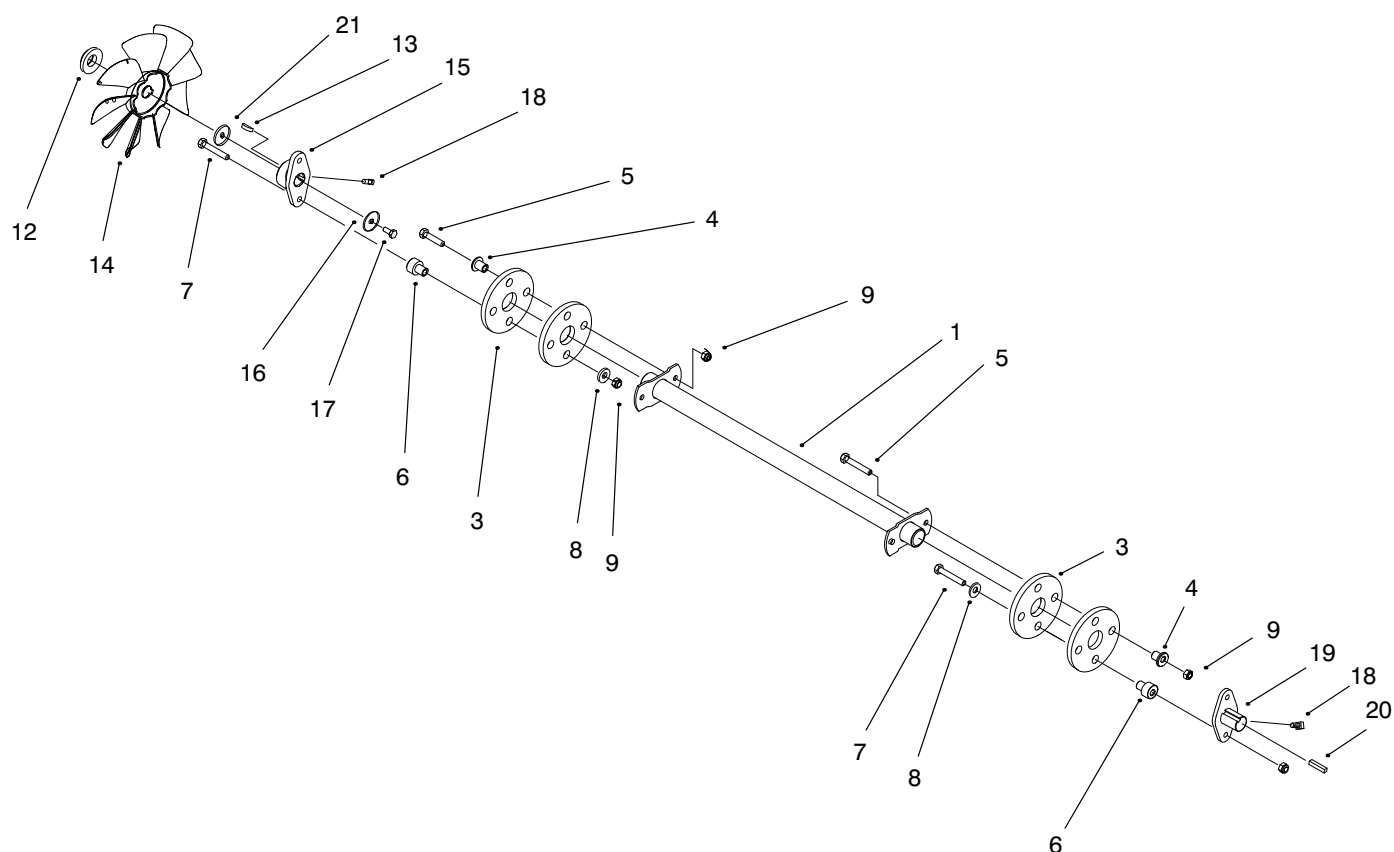
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1529	2	Bearing-Needle	20	323-13	4	Screw-HH
2	94-2014	1	Tube - Shifter Rail	21	2412-141	2	Clamp - Worm Drive
3	94-2054	1	Rail - Shift	22	95-4133	1	Hose - Suction
4	94-2015	1	Fork - Hi/Lo Shift	23	94-7692	1	Fitting - Hose
5	933154	2	Pin-Roll	23:1	237-80	1	O-Ring
6	94-2143	1	Wa - Shifter Arm	24	94-2003	1	Transmission - Hydro
7	94-7510	1	Shift - Hi/Lo	25	99-8551	1	Plug-Pipe
8	3517	1	Ball-Detent	26	108323	1	Base-Filter
9	94-2024	1	Spring - Shift Detent	27	5991	1	Fitting
10	3247-2	1	Screw-Hex Socket	28	79-5270	1	Ass'y-Oil Filter
11	94-7680-03	1	Dipstick	29	321-5	2	Screw-HH
12	94-7559	1	Tube - Dipstick	30	1535	3	Washer-Thrust
13	32120-64	1	Ring-External Snap	31	8571	1	Bearing-Thrust
14	94-7565	1	Pinion - Bevel	32	94-7566	1	Gear - Bevel
15	702062	1	Gasket - Trans.	33	94-2010	1	Shaft - Input
16	94-7693	1	Fitting - Orfs 08-06	34	32151-29	2	Ring-External Snap
16:1	237-42	1	O-Ring	35	94-2011	1	Gear - Hi/Lo
16:2	237-30	1	O-Ring	36	323-9	3	Screw-HH
17	94-7969	1	Tube - Hydraulic	37	323-8	2	Screw-HH
18	94-7694	1	Fitting - Orfs 08-06	38	3253-3	2	Washer-Lock/Sp
18:1	237-42	1	O-Ring	39	95-4138	1	Fitting - Hydr. Straight
18:2	237-30	1	O-Ring	39:1	237-22	1	O Ring
19	94-2148-03	1	Plate-Sprt Brkt	39:2	237-42	1	O-Ring
				40	95-4135	1	Fitting - Hydraulic 45
				40:1	237-42	1	O-Ring
				40:2	237-22	1	O Ring

Transmission Assembly



Transmission Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	56-2800	1	Screw-HH				
2	56-2810	1	Bearing-Ball				
3	56-2820	2	Seal-Oil				
4	98-7377	1	ASM-Pump				
5	56-3090	4	Ring-Retaining				
6	56-2850	1	Ring-Seal				
7	56-2860	1	Plate-Pump				
8	56-2870	1	Ring-Seal				
9	112641	1	Cover ASM				
10	56-2880	2	Button				
11	56-2890	1	Pin-Dowel				
12	56-2900	1	Pin-Drive				
13	56-2910	1	Shaft-Input				
14	56-2920	1	Ring-Seal				
15	56-2930	1	Rotor/Ball-Pump				
16	113136	1	Race-Pump				
17	93-9810	1	Ring-Cam				
18	56-2950	2	Piston				
19	56-2960	2	Ring-Backup				
20	56-2970	2	O-Ring				
21	56-2980	1	Pin-Coil				
22	56-2990	1	Pintle ASM				
23	56-3000	2	Ring-Retaining				
24	56-3010	2	Ball-.313 Dia				
25	56-3020	2	Body-Valve				
26	56-3030	1	Ball-.438 Dia				
27	56-3040	1	Spring-Valve				
28	56-3050	1	Plug-Valve				
29	56-3060	1	Pin-Dowel				
30	112652	1	Shield-Grass				
31	112653	1	Ring-Retaining				
33	56-3100	6	Screw-HSBH				
34	56-3110	6	Roller				
35	56-3120	1	Carrier				
36	56-3130	1	Seal-Oil				
37	56-3140	1	Kit-Shaft				
40	56-3170	1	Insert-Ring				
41	56-3180	1	Spring-Valve				
43	56-3200	2	Body-Valve				
44	56-3210	2	Ball-.625 Dia				
45	56-3220	1	Rotor/Ball-Motor				
46	56-3230	1	Shaft-Output				
47	56-3240	1	Race-Motor				
48	56-3250	1	ASM-Plug				
49	56-3260	1	O-Ring				
50	98-7379	1	Body				
52	56-3280	1	Bearing-Ball				
53	56-3290	1	Ring-Retaining				
55	56-3310	1	Kit-Seal				
56	56-2940	1	Cam Ring ASM Incl 16 & 17				
57	98-7380	1	ASM-Body				
58	98-7378	1	Fitting-90 Bent Tube				

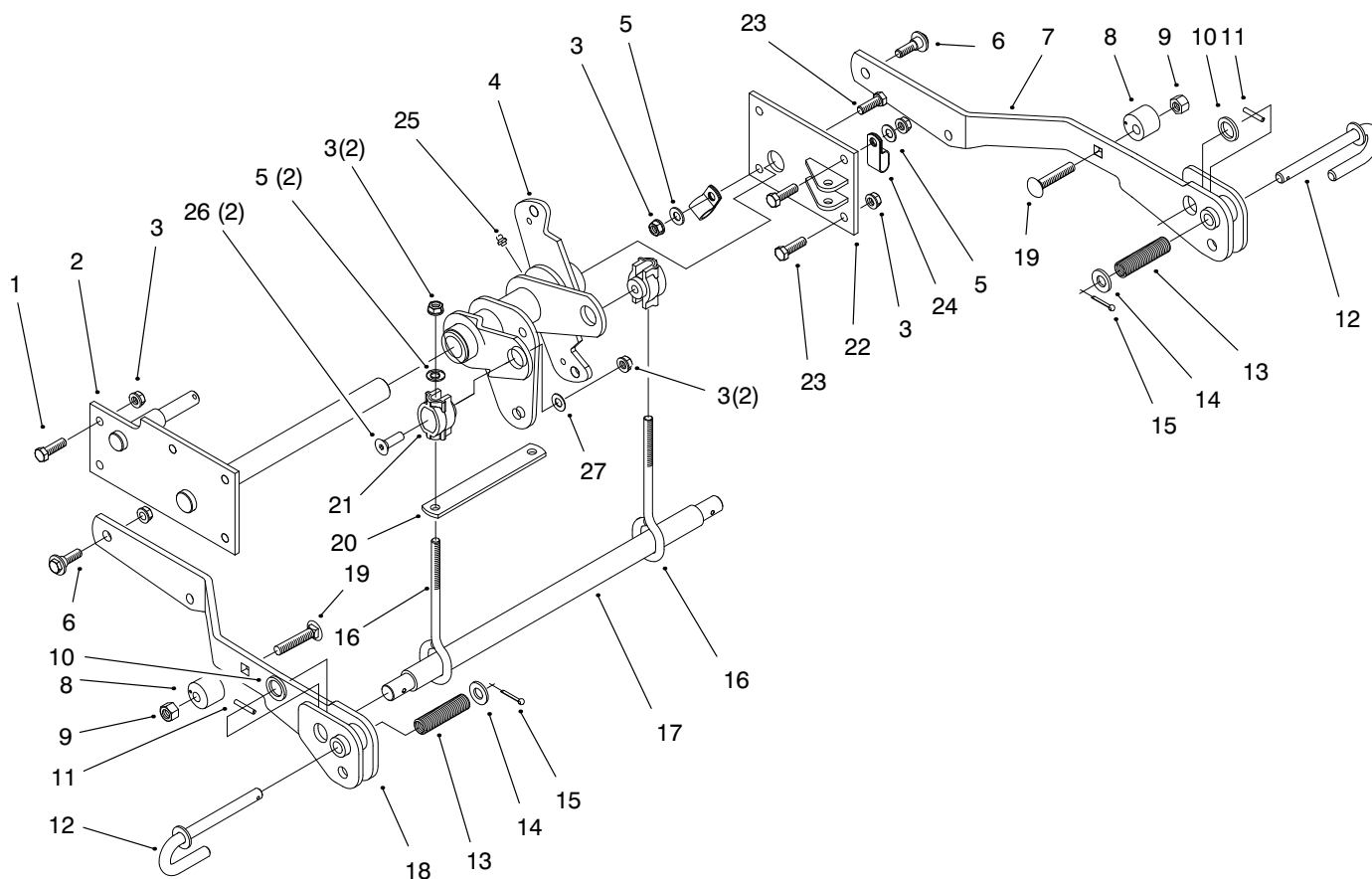


Sheet No.:17

Drive Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	94-2373-03	1	Wa-Drive Shaft
3	44-2230	4	Coupling-Rubber
4	71-4411	4	Spacer
5	322-7	4	Screw-HH
6	71-4410	4	Spacer
7	322-11	4	Screw-HH
8	3256-3	4	Washer-Flat
9	3296-29	8	Nut-Lock Ni
12	94-2371	1	Spacer - Fan
13	937089	1	Key
14	95-4223	1	Fan - Hydro
15	94-2310	1	Hub
16	103995	1	Washer
17	94-7955	1	Screw - Locl,HH
18	94-7975	4	Screw-Aqh,Set
19	94-7893	1	Wa - Pin Drive
20	98-9000	1	Key
21	99-2313	1	Washer - Fan

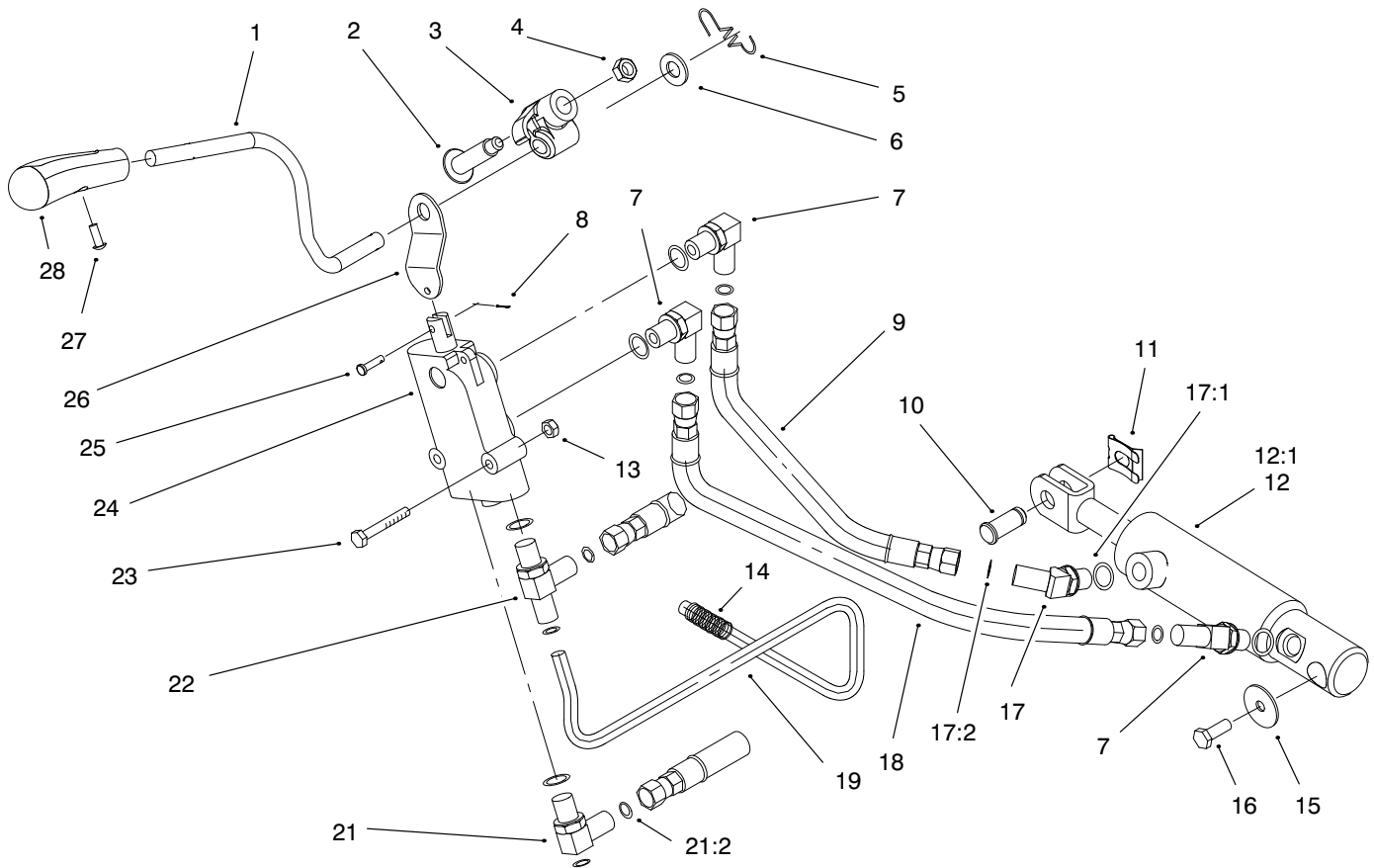
Ref. No.	Part No.	Qty.	Description



Sheet No.:18

Hydro Lift Lower Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	323-7	5	Screw-HH	26	99-8051	2	Screw
2	94-2263-03	1	Wa-Deck Lift Support	27	99-6496	2	Washer-Flat
3	3296-39	13	Nut-Lock Ni				
4	99-4430	1	Bellcrank And Bushing ASM				
5	3256-24	2	Washer-Flat				
6	614672	2	Bolt-Shoulder				
7	94-2279-03	1	Wa - LH Lift Arm				
8	94-2411	2	Stop - Lift Adj				
9	3296-48	2	Nut-Lock Ni				
10	3256-28	2	Washer-Flat				
11	32121-79	2	Pin-Roll				
12	94-2301	2	Pin - J				
13	95-4256	2	Spring - Compression				
14	3256-26	2	Washer-Flat				
15	3272-10	2	Pin-Cotter				
16	94-2262	2	Rod - Lift				
17	94-2277-03	1	Bar - Lift				
18	94-2278-03	1	Wa - RH Lift Arm				
19	3232-5	2	Screw-CARR				
20	94-7600-03	1	Spacer-Strap				
21	99-2344	2	Sleeve-Lift				
22	99-3746-03	1	Support-Cyl., W.a.				
23	323-18	4	Screw-HH				
24	98-1617	1	Clamp-Tube				
25	302-5	1	Fitting-Lube				

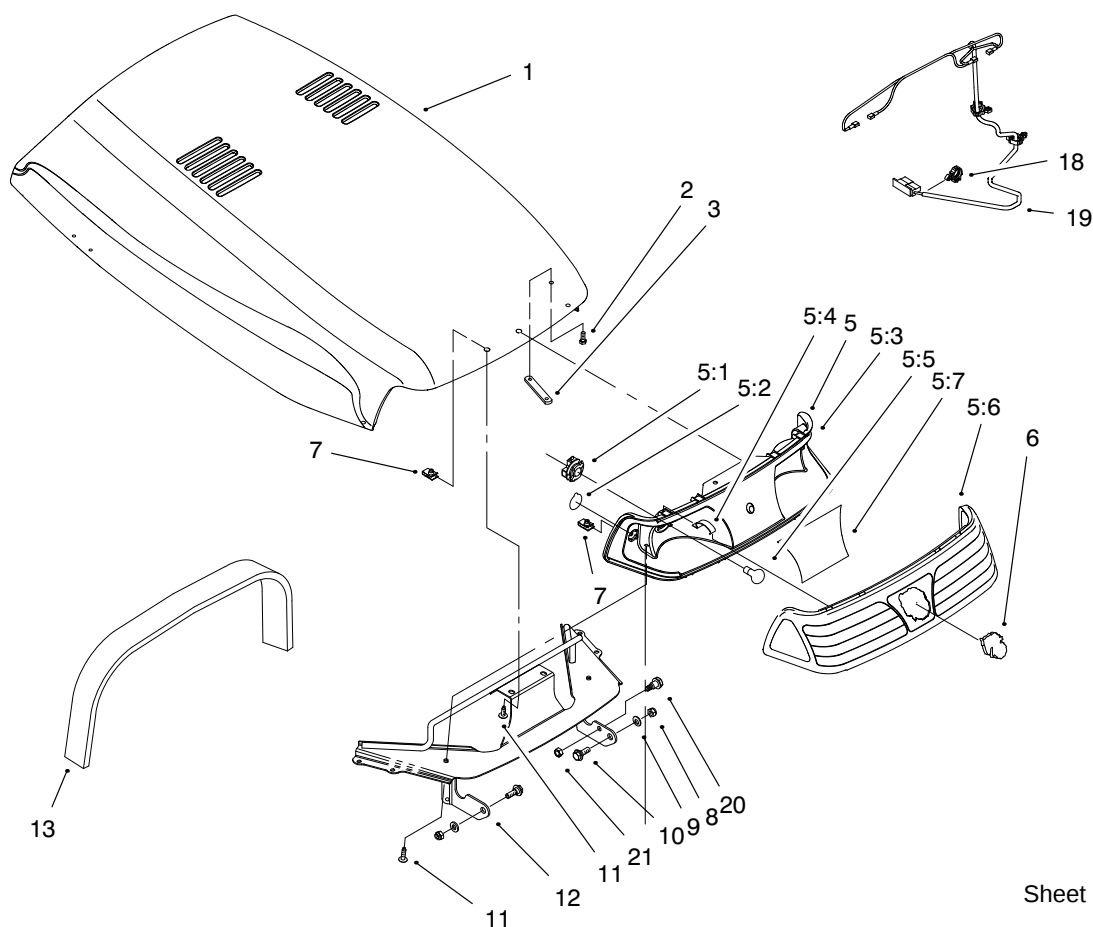


Sheet No.:19

Hydro Lift Upper Assembly

Ref. No.	Part No.	Qty.	Description
1	94-7714	1	Handle – Lift
2	92-1099	1	Bolt–Shoulder
3	95-4168	1	Trunnion – Lift Lever
4	610358	1	Nut–Jam, Locking
5	95-4221	1	Spring – Lift Extension
6	95-4235	1	Washer
7	95-4141	3	Fitting – Hydraulic 90
8	3272-1	1	Pin–Cotter
9	94-7945	1	Assembly – Hose
10	98-1639	1	Pin – Clevis
11	95-4064	1	Clip – Pin
12	94-2300	1	ASM – Lift Cylinder
12:1	95-4007	1	Seal Kit
13	3296-42	2	Nut–Lock Ni
14	95-4258	2	Cover – Brace
15	3256-57	1	Washer–Flat
16	95-4245	1	Screw – Thread Locking
17	95-4136	1	Fitting – Hydraulic 45
17:1	237-42	1	O–Ring
17:2	237-21	1	O Ring
18	94-7944	1	Assembly – Hose
19	94-7970	1	Tube – Hydraulic
21	95-4140	1	Fitting – Hydraulic 90
22	95-4134	1	Fitting – Hydraulic Tee

Ref. No.	Part No.	Qty.	Description
23	321-10	2	Screw–HH
24	95-4019	1	Valve – Hydraulic
25	283-16	1	Pin–Clevis
26	98-1620	1	Link – Lift
27	95-4236	1	Tscrew – PPH
28	95-4106	1	Knob – Lift (Int'l) (Only On: 73590)
28	94-2100	1	Knob – Lift (Only On: 73552)



Sheet No.:20

Hood & Headlight Assembly

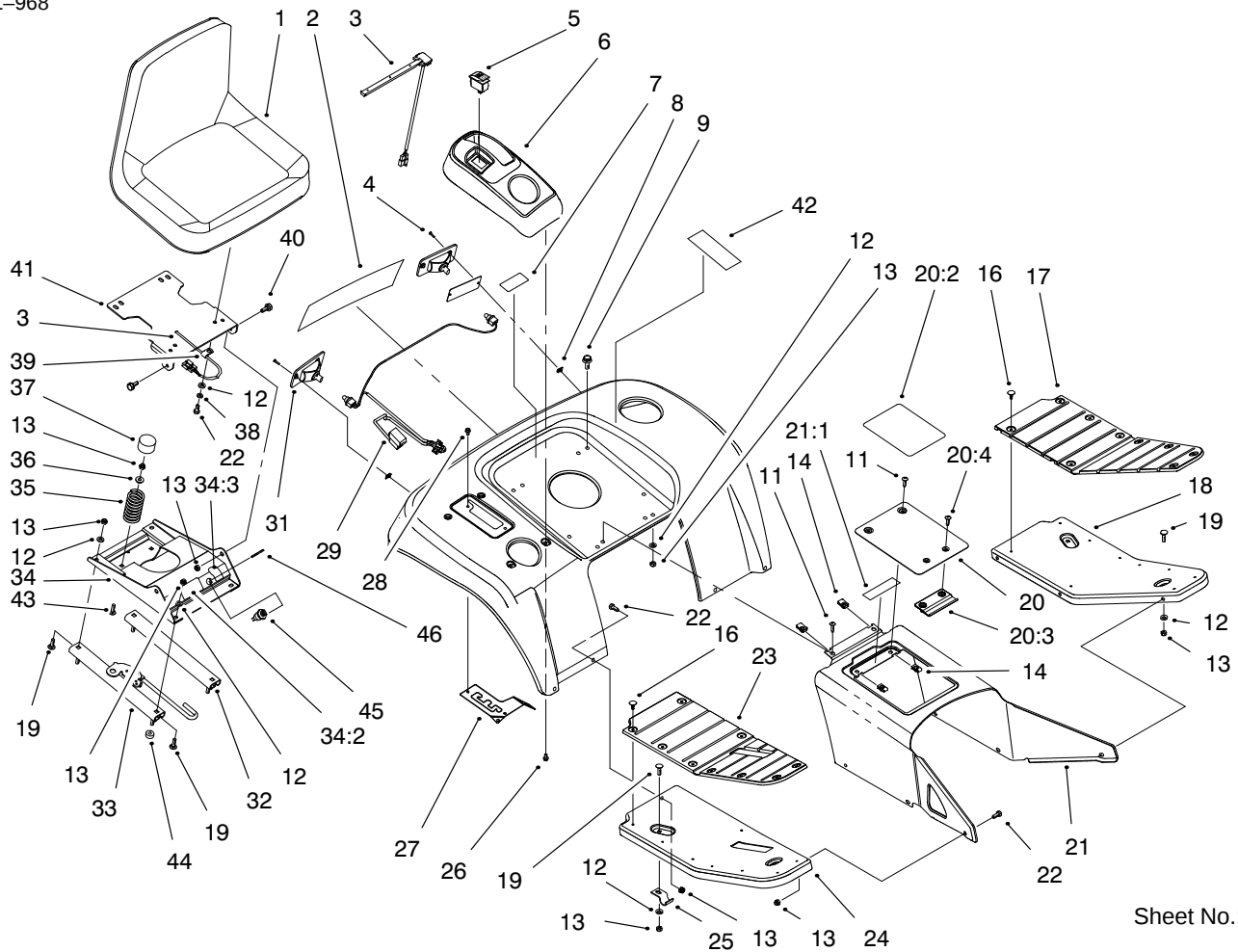
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-7205	1	Assembly – Hood (Service)				
2	63-8590	4	Screw				
3	99-2323	2	Plate–Nut				
5	95-4166	1	Assembly – Headlight				
5:1	98-3591	2	ASM – Socket, Sealed				
5:2	98-1602	2	Decal – Sidelight				
5:3	94-2098	1	Reflector – Headlight				
5:4	95-4129	4	Clip – Retainer				
5:5	7228	2	Bulb –No. 1156				
5:6	94-2099	1	Lens – Headlight				
5:7	98-3597	1	Decal–Headlight Reflector				
6	95-4248	1	Logo – Horsehead				
7	107069	4	Clip				
8	3296-29	2	Nut–Lock Ni				
9	3256-23	2	Washer–Flat				
10	27-0410	2	Screw–Shoulder				
11	92-7020	4	Screw–HH				
12	99-4962-03	1	Front Bulkhead, W.a.				
13	95-4078	1	Foam Seal – Rear Bh				
18	98-1810	1	Clip – Convolute				
19	95-0691	1	Harness – Wire, Lights				
20	92-6986	1	Bolt – Shoulder				
21	3296-47	1	Nut–Lock Ni				

Grill & Side Panels Assembly

Ref. No.	Part No.	Qty.	Description

Dash Assembly

16

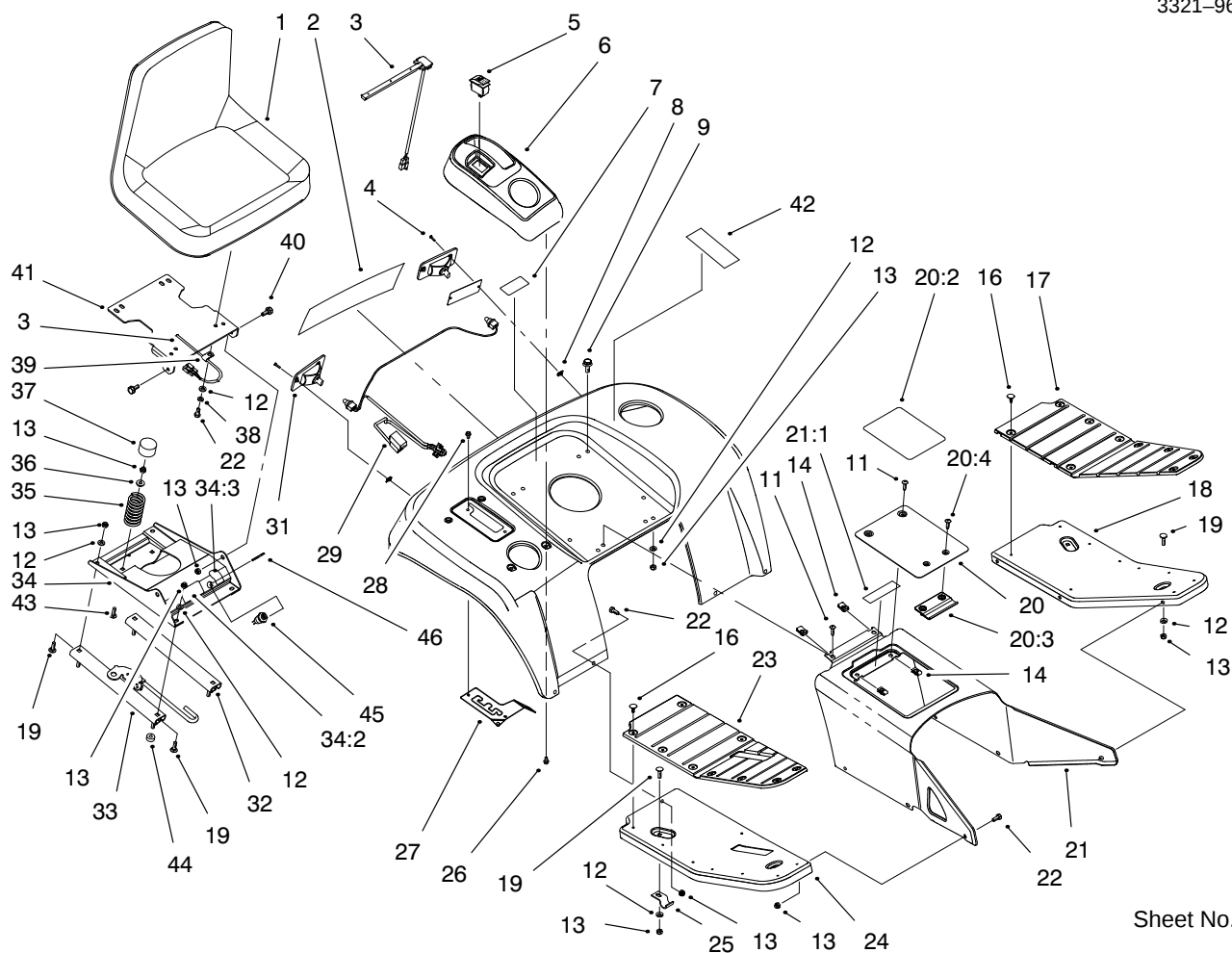


Sheet No.:23

Fender, Footrest, & Seat Assembly

Ref. No.	Part No.	Qty.	Description
1	94-3518	1	Seat
2	95-4262	1	Decal - Fender
3	38-1420	1	Switch-Seat
4	3250-29	4	Screw-PPH
5	94-7602	1	Switch - Cruise
6	94-2120	1	Pod - Control (Only On: 73552)
6	95-4000	1	Pod - Control Int'l (Only On: 73590)
7	76-1340	1	Decal - USA (Only On: 73552)
8	95-4115	4	Nut - Speed
9	3234-29	4	Screw-HHF
11	92-7020	4	Screw-HH
12	3256-23	21	Washer-Flat
13	3296-29	29	Nut-Lock Ni
14	107069	4	Clip
16	3290-479	18	Fastener-Panel
17	94-2096	1	Pad - LH Footrest
18	94-2090-01	1	Footrest - LH
19	3230-16	8	Screw-HH
20	99-6089	1	ASM Cover/Decal (Only On: 73552)
20	98-1623	1	ASM - Tunnel Cover Europe (Only On: 73590)

Ref. No.	Part No.	Qty.	Description
20:2	99-6090	1	Decal-Danger (Only On: 73552)
20:2	98-1608	1	Decal - Danger Europe (Only On: 73590)
20:3	95-4107	1	Retainer - Cover
20:4	32104-123	2	Screw-Plastite (Only On: 73552)
20:4	94-4496	2	Screw-Pan Hd (Only On: 73590)
21	98-5025	1	ASM - Tunnel w/Decal (Only On: 73552)
21	98-5058	1	ASM - Tunnel w/Decal Europe (Only On: 73590)
21:1	80-8760	1	Decal - Danger (Only On: 73552)
21:1	98-5015	1	Decal - Warning (Only On: 73590)
22	322-3	18	Screw-HH
23	94-2095	1	Pad - RH Footrest
24	94-2089-01	1	Footrest - RH
25	95-3858	2	Bracket-Footer
26	32144-20	4	Screw-Thread Forming

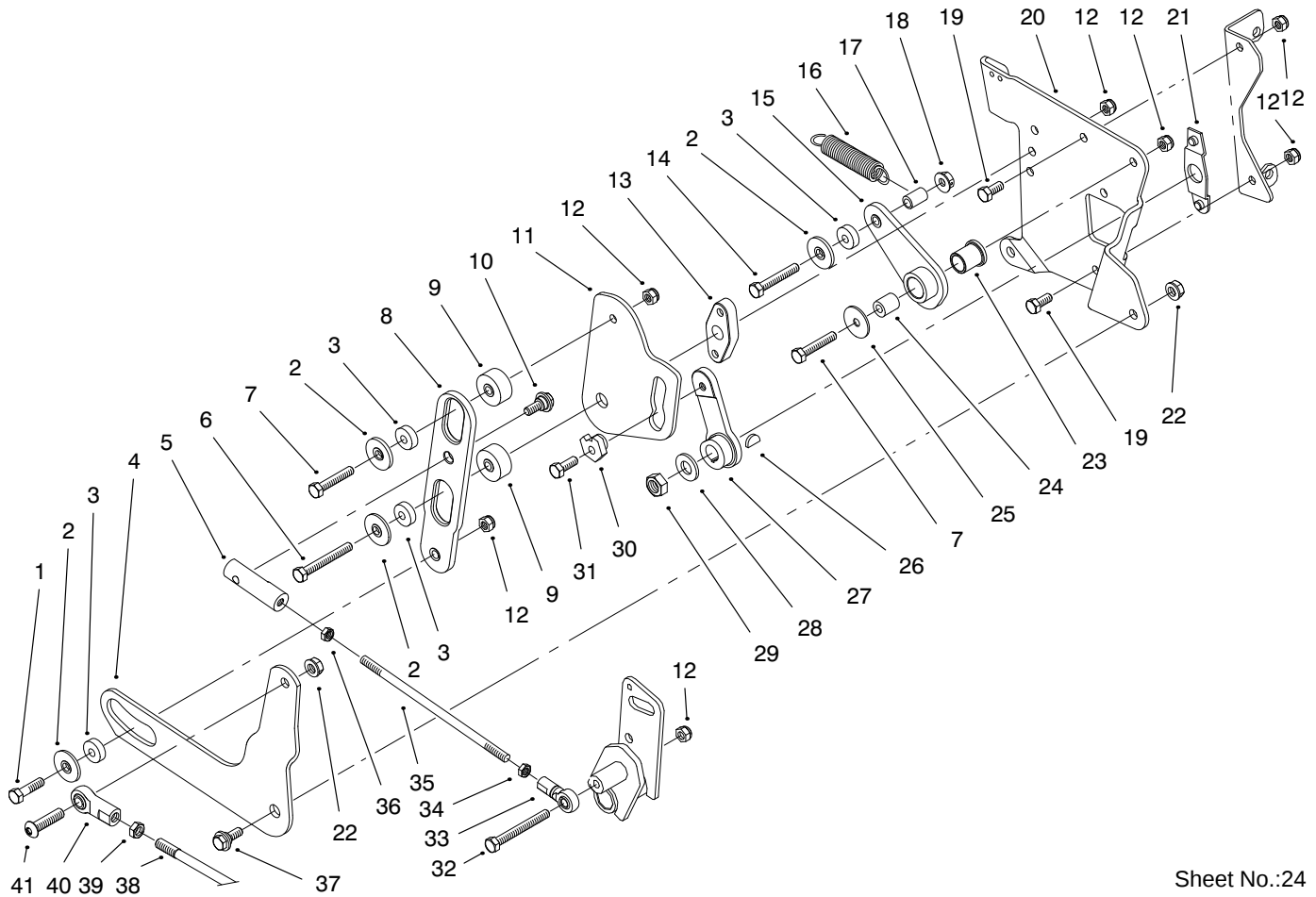


Sheet No.:23

Fender, Footrest & Seat Assembly

Ref. No.	Part No.	Qty.	Description
27	98-8711-03	1	Gate – Hi/Lo Shift
28	32144-4	2	Screw-HH
29	99-3726	1	Harness-Rear
31	94-2124	2	Lamp – Taillight
32	94-2112	1	Slide – Seat Slave
33	94-2177	1	Slide – Seat Latch
34	99-6098	1	Seat Base ASM (Only On: 73552)
34	99-6099	1	Seat Base ASM-Intl (Only On: 73590)
34:2	99-2985	1	Decal-Danger (Only On: 73552)
34:3	99-5339	1	Decal-Nmir Switch (Only On: 73552)
35	94-2106-03	2	Spring – Compression
36	105503	2	Bushing
37	95-4242	2	Cap – Seat Spring
38	3253-4	4	Washer-Lock/Sp
39	98-2390	1	Clamp – R
40	37-8771	2	Screw-Shoulder
41	94-2111-03	1	Mount – Seat
42	98-3088	1	Decal – Diesel
43	3230-22	2	Screw-CARR
44	4-2390	4	Washer
45	46-5780	1	Switch-Starter
46	62-7770	1	Key-Ignition

Ref. No.	Part No.	Qty.	Description

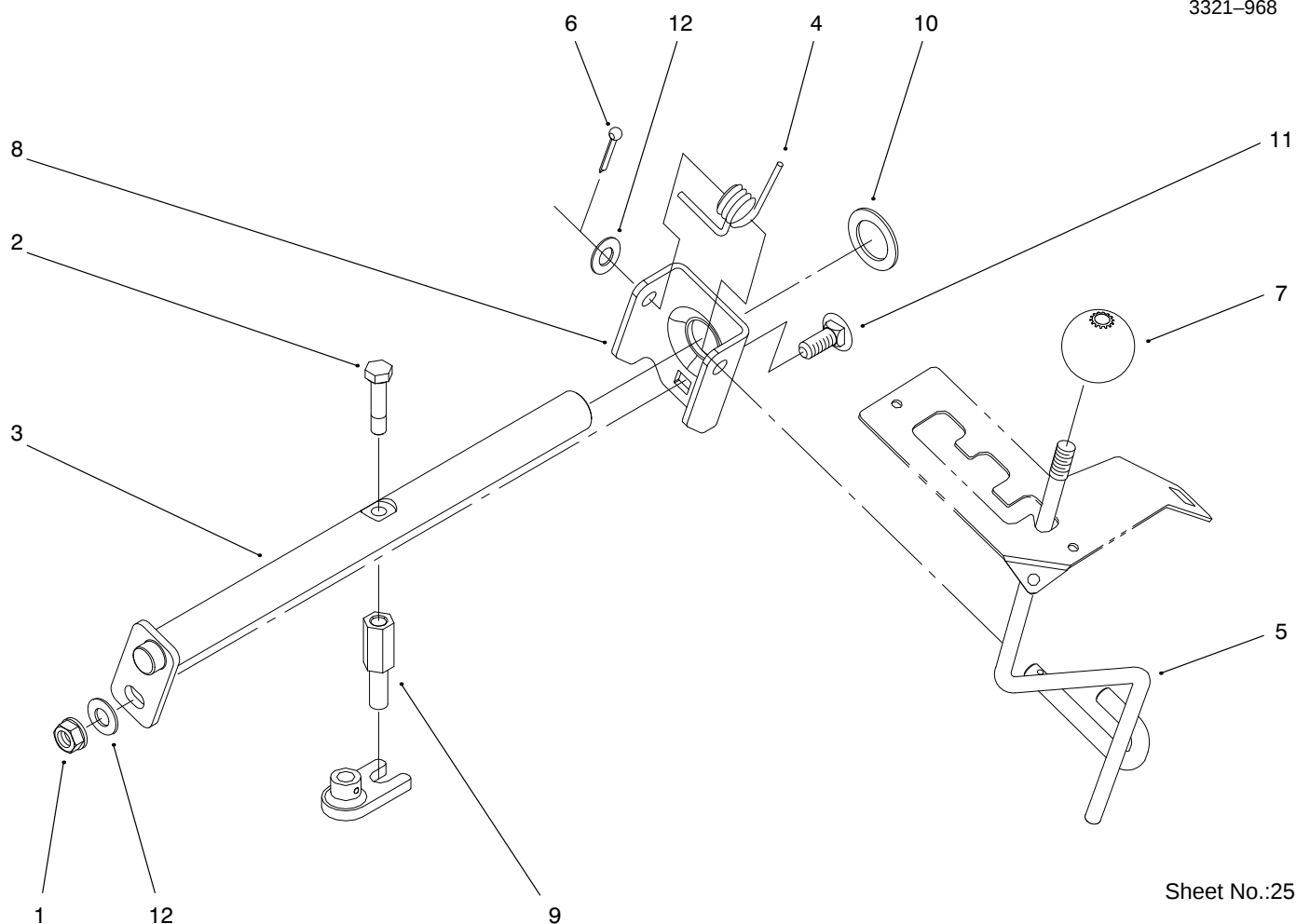


Sheet No.:24

Smart Turn Rear Assembly

Ref. No.	Part No.	Qty.	Description
1	322-6	1	Screw-HH
2	94-2313	4	Retainer - Bearing
3	95-4185	4	Bearing - Ball
4	95-3801-03	1	Wa - Lift Slider
5	94-7637	1	End - 5/16 RH Rod
6	322-12	1	Screw-HH
7	322-9	2	Screw-HH
8	94-2144	1	Slider - Speed Control
9	94-2169	2	Standoff - Cam Plate
10	94-7817	1	Bolt - Shoulder
11	94-2145	1	Plate - Cam
12	3296-29	7	Nut-Lock Ni
13	94-2168	1	Standoff - Slider
14	322-10	1	Screw-HH
15	94-7586	1	Arm - Rtn To Neutral
16	63-1590	1	Spring-Idler
17	94-2309	1	Standoff - Spring
18	32128-30	1	Nut
19	322-3	2	Screw-HH
20	99-8053-03	1	Plate-Control
21	94-7814	1	Locator-Control Plate
22	108881	2	Nut-Differential
23	94-7913	1	Bushing - Flanged
24	94-7564	1	Spacer
25	3256-57	1	Washer-Flat
26	3257-24	1	Key-Woodruff

Ref. No.	Part No.	Qty.	Description
27	94-7816	1	Arm - Speed Control
28	3256-26	1	Washer-Flat
29	3296-45	1	Nut-Lock Ni
30	94-2468	1	Cam
31	95-4245	1	Screw - Thread Locking
32	322-13	1	Screw-HH
33	94-7571	1	End - RH Rod
34	3220-20	1	Nut-Jam LH
35	94-2497	1	Rod - Slider To Pivot
36	3220-2	1	Nut-Jam
37	94-7582	1	Bolt - Shoulder
38	94-7500	1	Rod-Lift Lever To Strg
39	3220-3	1	Nut-Jam
40	92-7008	1	Rod End - Female
41	95-3857	1	Screw - Button Head

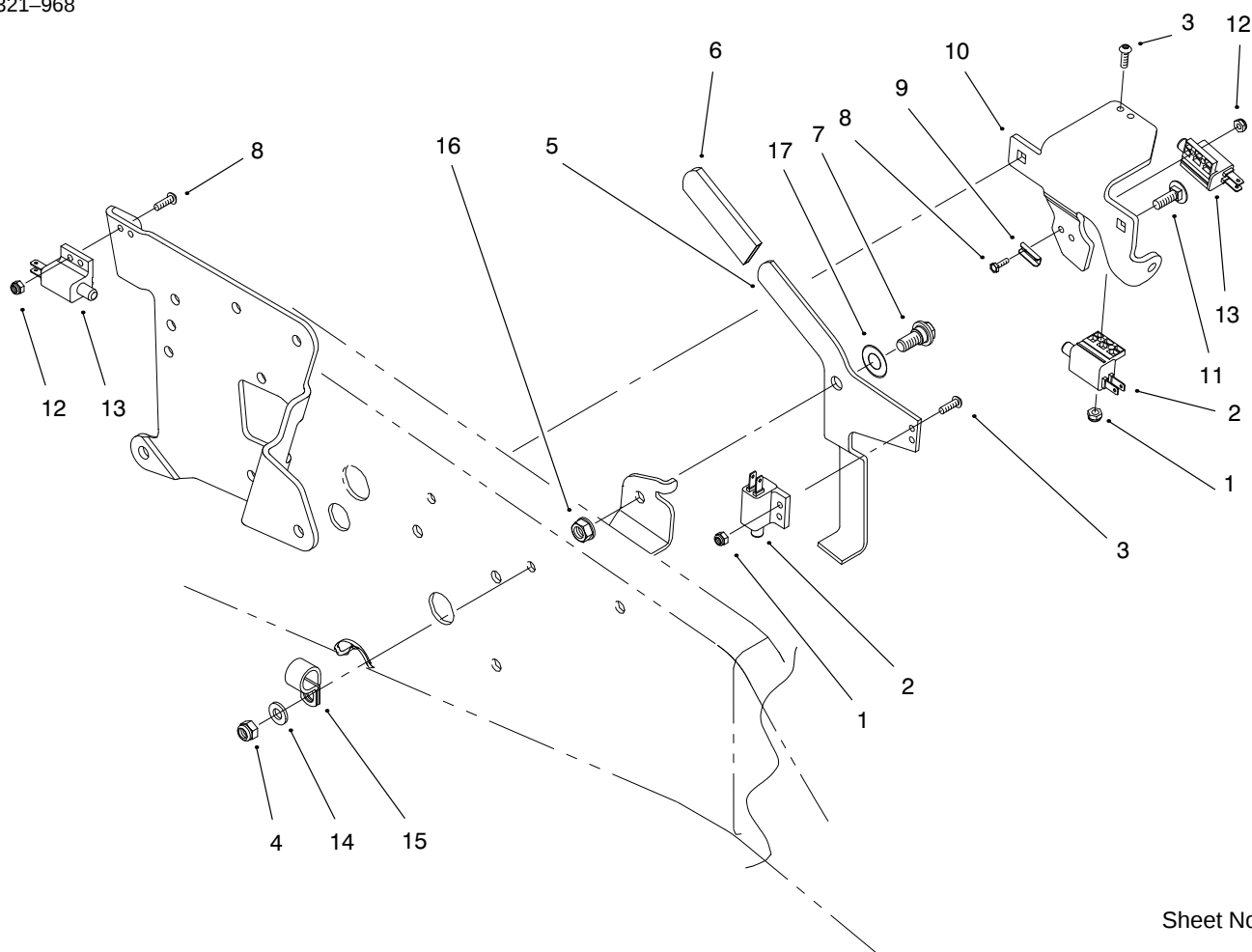


Sheet No.:25

Hi-Lo Shift Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-39	1	Nut-Lock Ni
2	99-4953	1	Screw-Thread Locking
3	99-4445	1	Shift Rod ASM-Welded
4	99-4446	1	Spring-Torsion
5	99-4448	1	Lever-Shift W.a.
6	3272-10	1	Pin-Cotter
7	95-4022	1	Knob - Hi/Lo Shift
8	99-4951	1	Bracket-Pivot
9	99-4952	1	Rod-Shift Pivot
10	99-4958	1	Spacer-Shift
11	3231-22	1	Screw-CARR
12	3256-24	2	Washer-Flat

Ref. No.	Part No.	Qty.	Description

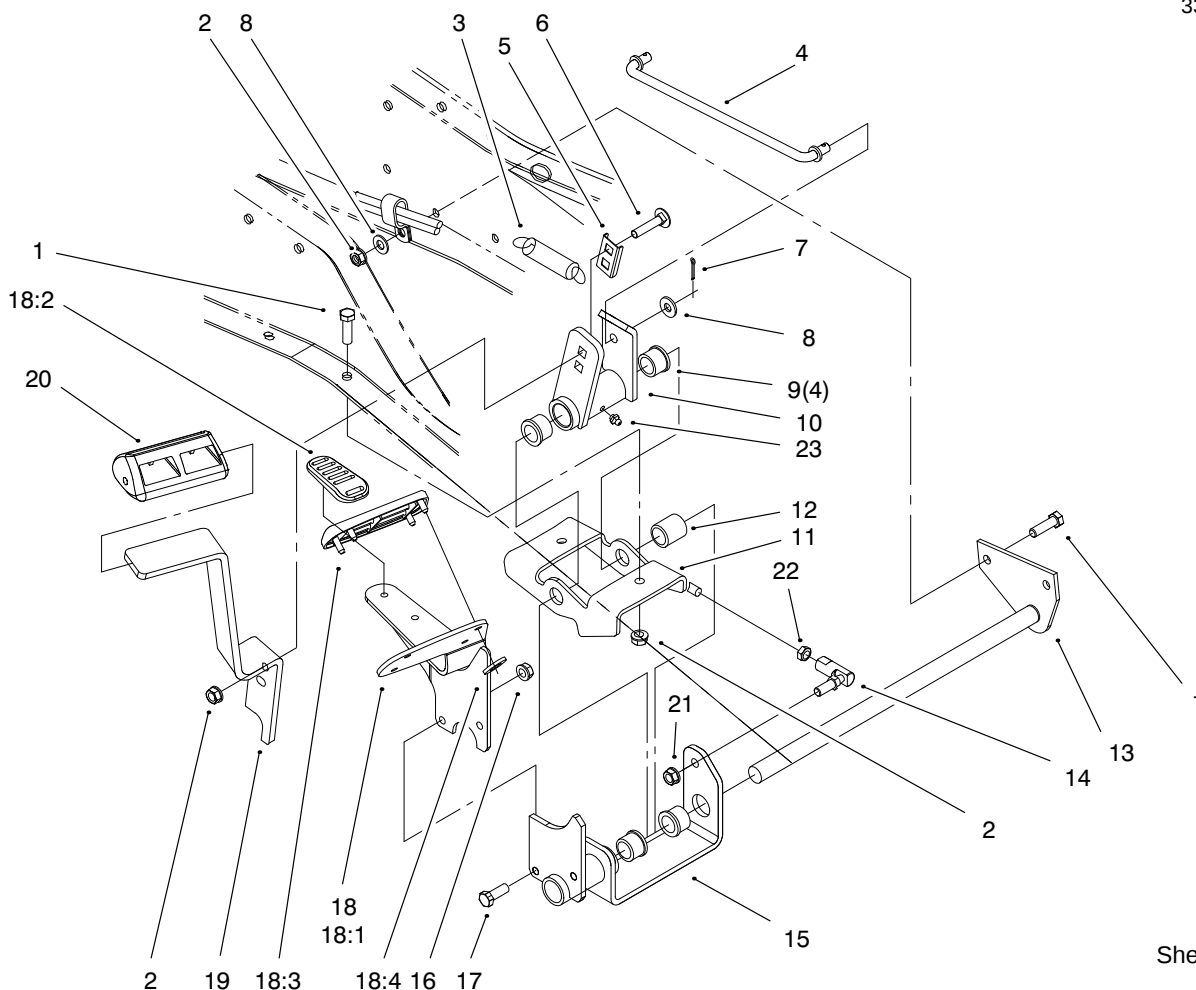


Sheet No.:26

Parking Brake Upper Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-2	4	Nut-Lock Esna
2	65-7410	2	Switch – Single Pole
3	3274-14	4	Screw-HSH
4	3296-29	2	Nut-Lock Ni
5	94-2157-03	1	Latch-Prking Brake
6	102597	1	Grip
7	94-7582	1	Bolt – Shoulder
8	99-8128	4	Screw
9	94-7905	1	Retainer-Screw
10	94-7562-03	1	Bracket – Switch
11	3230-16	2	Screw-HH
12	3296-1	4	Nut-Lock Ni
13	95-1653	2	Switch – Single Pole
14	3256-23	1	Washer-Flat
15	98-2358	1	Clamp – R
16	108881	1	Nut-Differential
17	98-3087	1	Washer – Power Steering

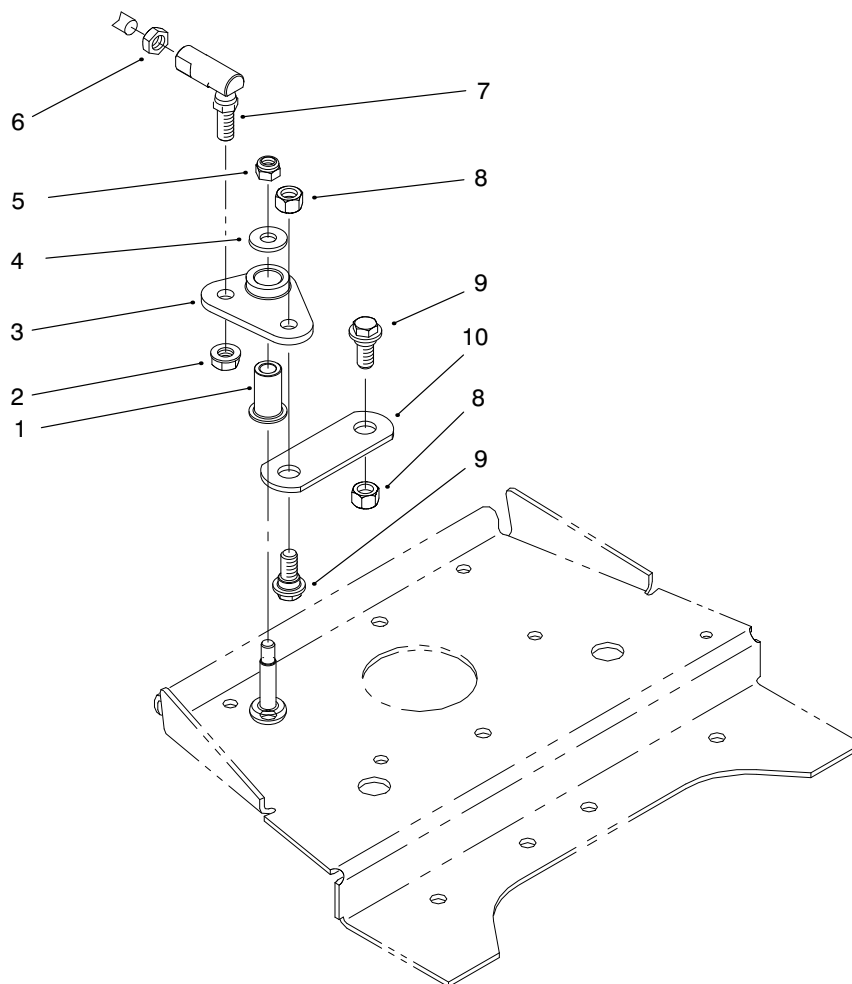
Ref. No.	Part No.	Qty.	Description



Sheet No.:27

Hydro Controls Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	323-7	4	Screw-HH	22	3220-3	1	Nut-Jam
2	3296-39	6	Nut-Lock Ni	23	302-5	1	Fitting-Lube
3	63-1590	1	Spring-Idler				
4	94-2499	1	Rod-Pivot Plate To Pedal				
5	94-7818	1	Retainer - Screw				
6	3231-25	2	Screw-CARR				
7	3272-10	2	Pin-Cotter				
8	3256-24	3	Washer-Flat				
9	98-1636	4	Bushing - Flange				
10	94-2351-03	1	Wa - Brake Bracket				
11	94-2343-03	1	Bracket - Support				
12	94-7501	1	Spacer - Pedal				
13	94-2345-03	1	Wa-Pivot Shaft				
14	94-7572	1	End - RH Tie Rod				
15	94-2342-03	1	Wa-Frwd/Rev Brkt				
16	3296-29	2	Nut-Lock Ni				
17	322-5	2	Screw-HH				
18	99-8050	1	Hydro Pedal ASM				
18:1	99-2300-03	1	Hydro Pedal, W.a.				
18:2	98-9039	1	Heel Pad-Hydro Pedal				
18:3	98-9040	1	Toe Pad-Hydro Pedal				
18:4	32112-6	6	Pushnut				
19	94-2352-03	1	Pedal - Brake				
20	94-2123	1	Pad - Brake Pedal				
21	3296-6	1	Nut-Lock Ni				

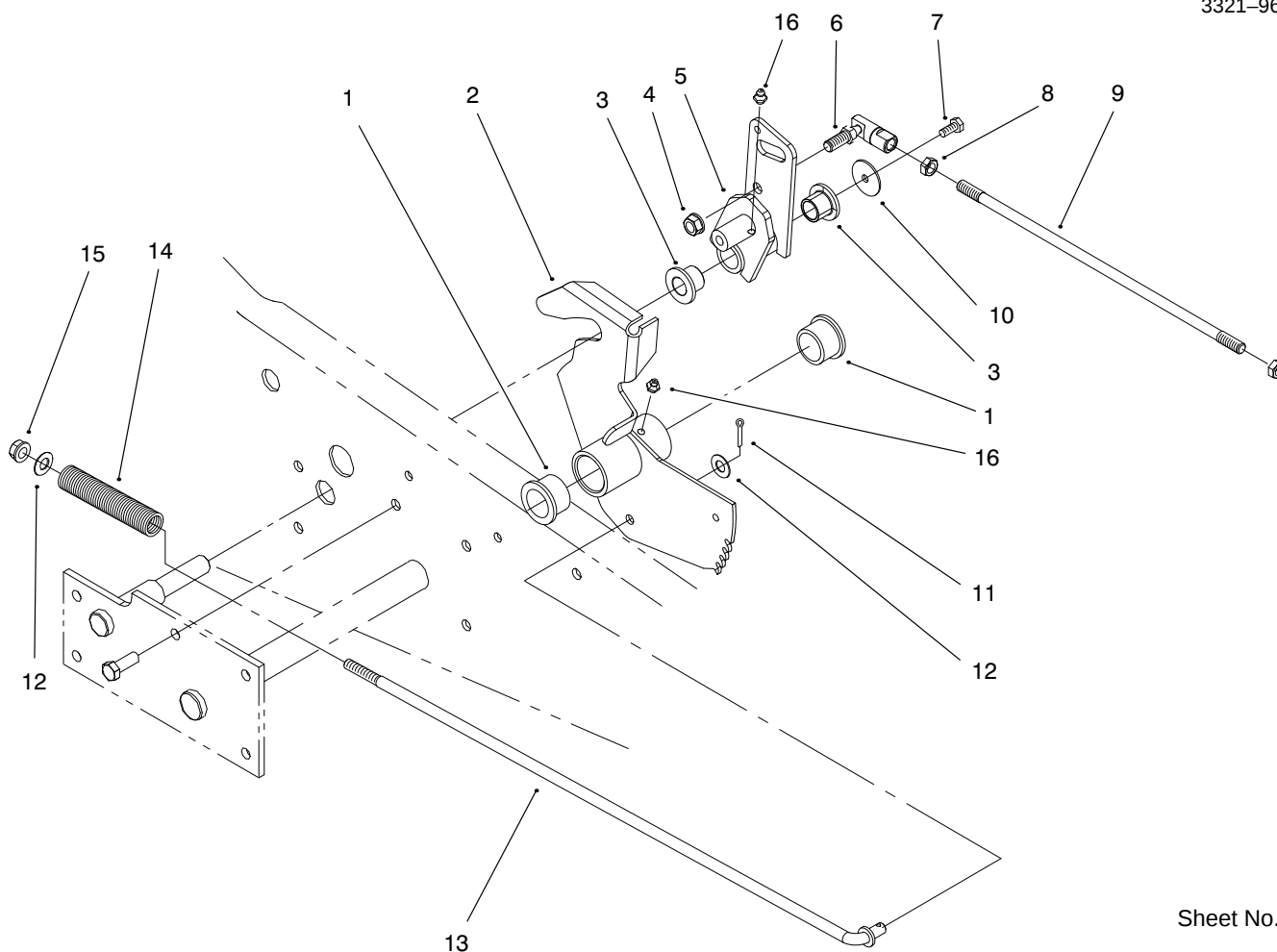


Sheet No.:28

Smart Turn Front Assembly

Ref. No.	Part No.	Qty.	Description
1	94-7919	1	Bushing
2	3296-6	1	Nut-Lock Ni
3	94-7579	1	Lever - Slow Down
4	98-3499	1	Washer - Flat
5	3296-29	1	Nut-Lock Ni
6	3220-16	1	Nut-Jam LH
7	94-7573	1	End - LH Tie Rod
8	108881	2	Nut-Differential
9	94-7582	2	Bolt - Shoulder
10	94-2409	1	Ink - Slow Down

Ref. No.	Part No.	Qty.	Description

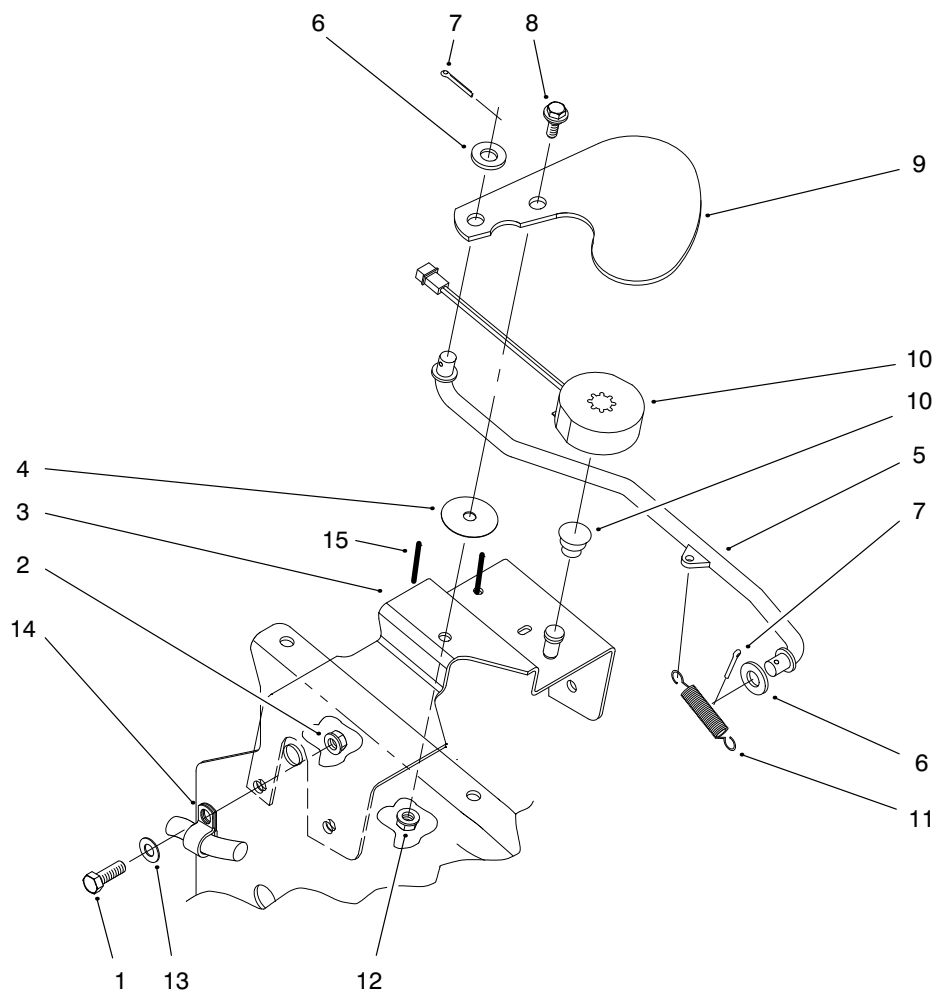


Sheet No.:29

Parking Brake Lower Assembly

Ref. No.	Part No.	Qty.	Description
1	94-7574	2	Bushing – Flanged
2	94-2375-03	1	Wa-Brake Pivot Plate
3	94-7569	2	Bushing
4	3296-6	1	Nut-Lock Ni
5	94-2488-03	1	Wa-Hydro Pivot
6	94-7573	1	End – LH Tie Rod
7	94-7955	1	Screw – Lock,HH
8	3220-16	1	Nut-Jam LH
9	94-2498	1	Rod – Pivot To Pedal
10	3256-55	1	Washer-Flat
11	3272-10	1	Pin-Cotter
12	3256-24	2	Washer-Flat
13	94-2393	1	Rod – Brake
14	94-7906	1	Spring – Compression
15	3296-39	1	Nut-Lock Ni
16	302-5	2	Fitting-Lube

Ref. No.	Part No.	Qty.	Description

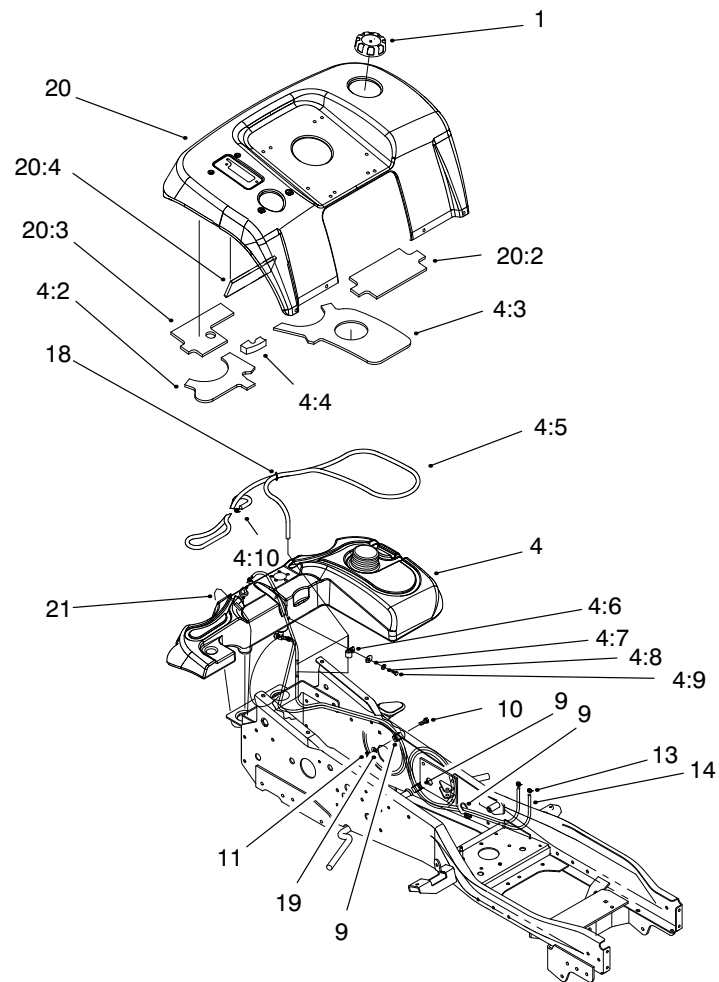


Sheet No.:30

Cruise Control Assembly

Ref. No.	Part No.	Qty.	Description
1	323-6	4	Screw-HH
2	3296-39	4	Nut-Lock Ni
3	99-6097-03	1	Brkt-Cruise
4	94-7575	1	Spacer - Cruise
5	94-7980	1	Wa - Cruise Control Rod
6	3256-26	2	Washer-Flat
7	3272-10	2	Pin-Cotter
8	94-7582	1	Bolt - Shoulder
9	99-5309	1	Plate - Magnet
10	99-8090	1	Magnet Assy
11	66-4160	1	Spring-Upper Solenoid*O
12	108881	1	Nut-Differential
13	3256-24	2	Washer-Flat
14	98-2358	2	Clamp - R
15	614249	1	Strap-Tie Sm

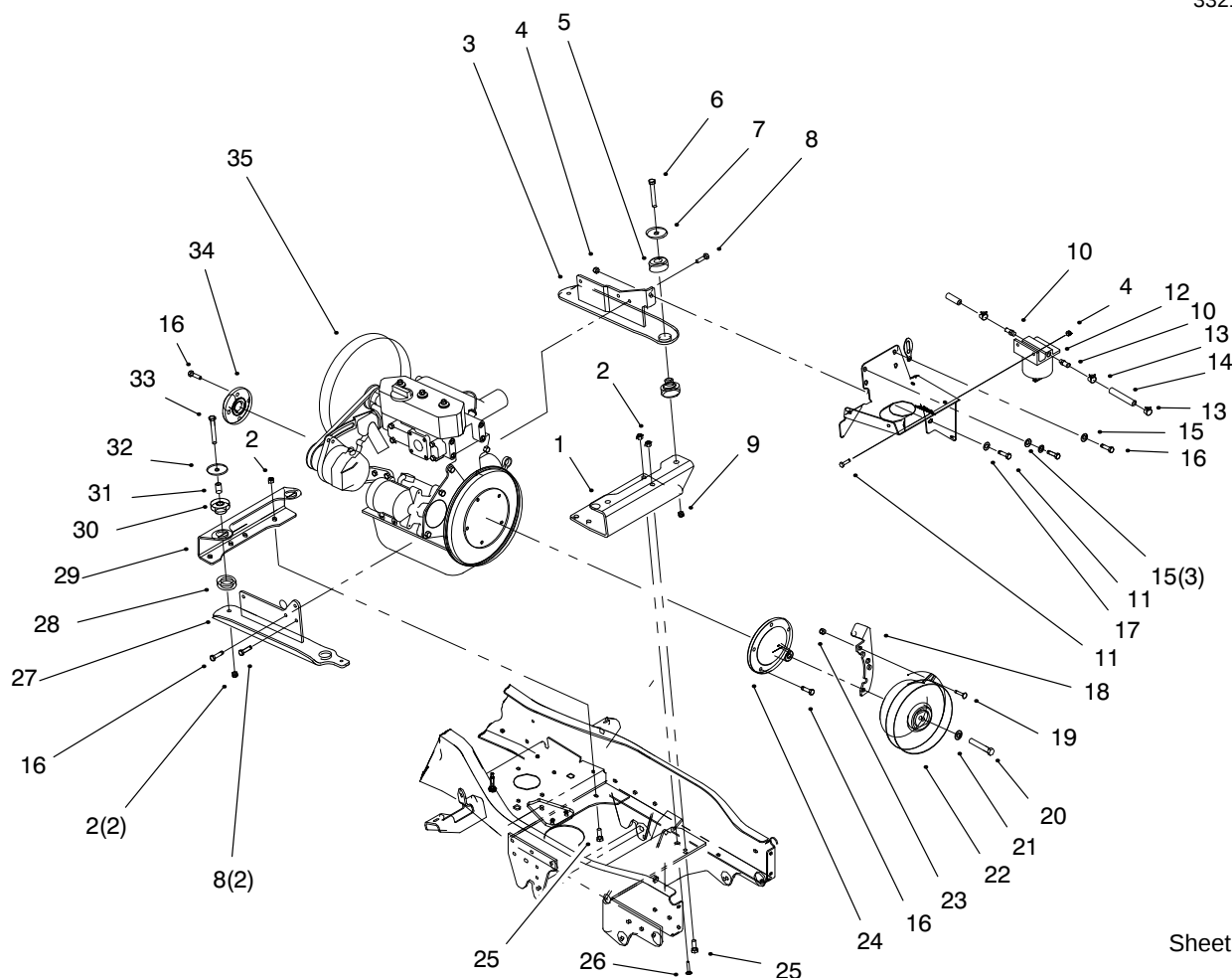
Ref. No.	Part No.	Qty.	Description



Sheet No.:31

Fender & Fuel System Assembly

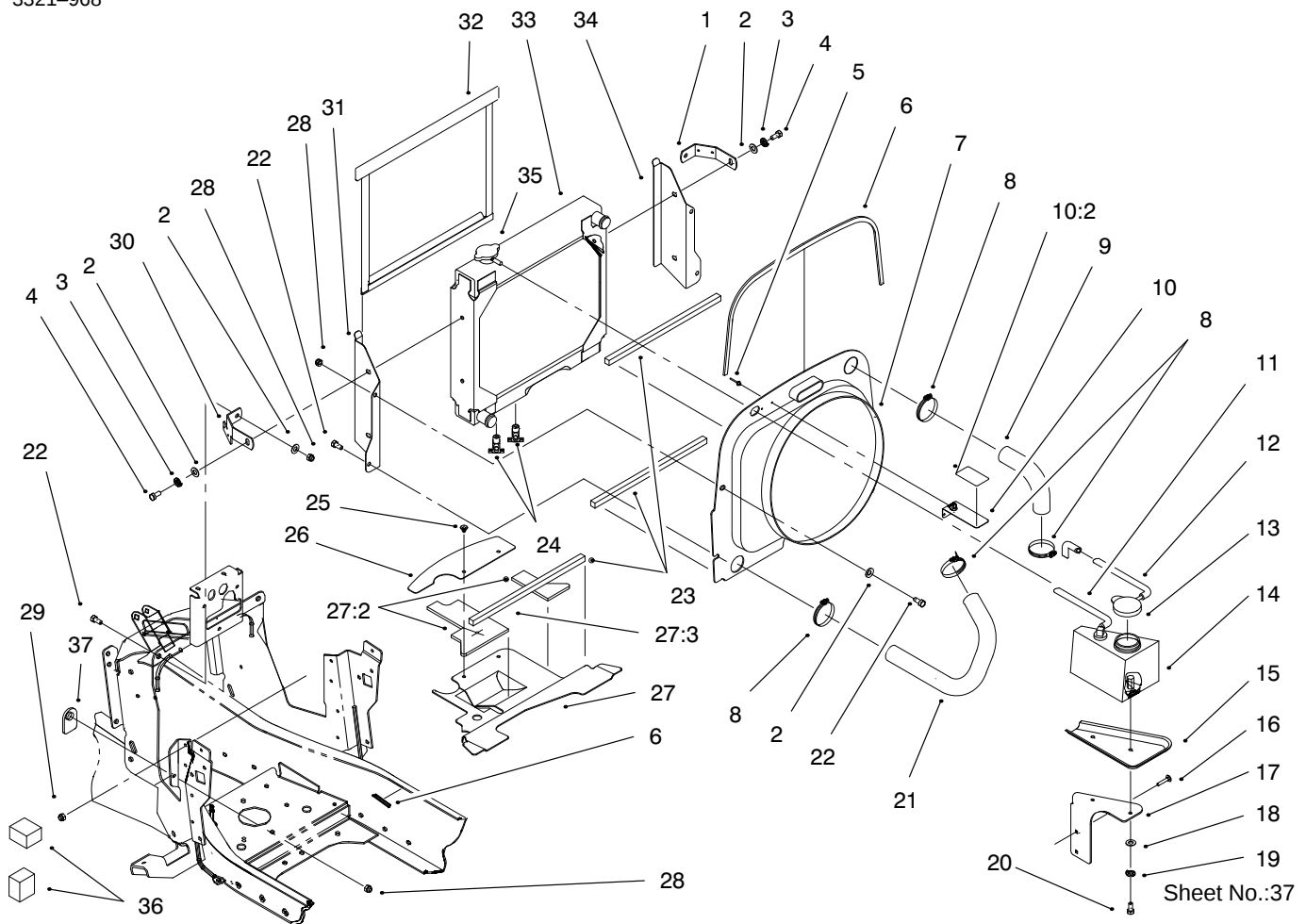
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	95-4193	1	ASM – Gas Cap Diesel				
4	99-6142	1	Tank–Diesel Assy. (Service)				
4:2	99-6146	1	Foam–Tank				
4:3	99-6145	1	Foam–Tank				
4:4	99-6887	1	Foam–Tank Top				
4:5	99-8553	1	Hose–Vent (Service)				
4:6	95-4187	1	Clamp – Tube				
4:7	3256-22	1	Washer–Flat				
4:8	3253-3	1	Washer–Lock/Sp				
4:9	321-3	1	Screw–HH				
4:10	94-8189	1	Clamp–Hose				
9	98-1617	3	Clamp–Tube				
10	323-6	1	Screw–HH				
11	3296-39	1	Nut–Lock Ni				
13	2412-108	2	Clamp				
14	99-9682	1	Hose–Fuel (Service)				
18	614249	1	Strap–Tie Sm				
19	3256-24	1	Washer–Flat				
20	98-7208	1	Assembly – Rear Body				
20:2	95-4159	1	Foam – Tank LH				
20:3	95-4258	1	Foam – Tank RH				
20:4	95-4157	1	Foam – Tank Center				
21	99-5901	1	Tie–Cable				



Sheet No.:36

Liquid Cooled Diesel Engine Assembly

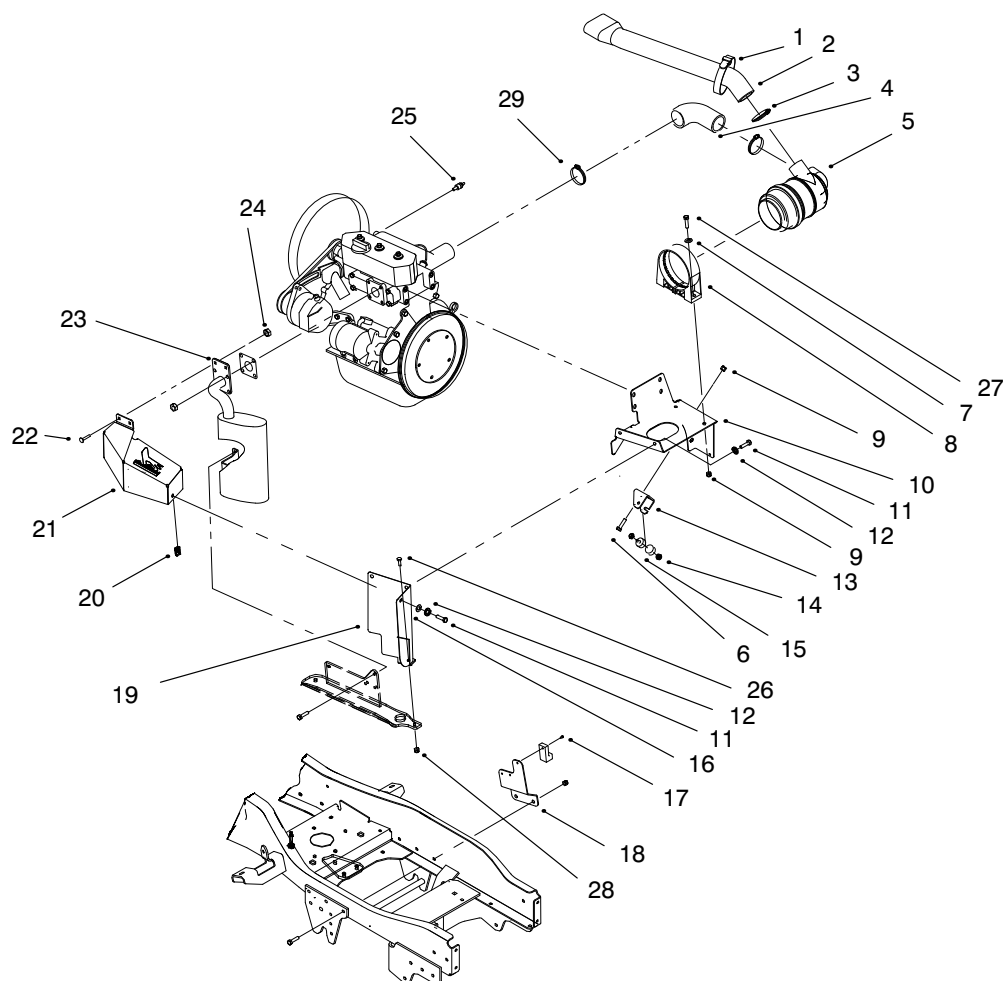
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	95-3882-03	1	Support-Front Eng	23	3296-29	2	Nut-Lock Ni
2	3296-39	8	Nut-Lock Ni	24	94-2065	1	Hub – PTO, Briggs
3	95-3890-03	1	Wa-LH Iso Brkt	25	323-7	4	Screw-HH
4	3296-8	3	Nut-Lock Ni	26	3231-25	2	Screw-CARR
5	95-4188	2	Mount – Isolation	27	95-3889-03	1	Wa – RH Iso Brkt
6	325-12	2	Screw-HH	28	95-4190	2	Ring – Isolation
7	55-7960	2	Large Blade Washer	29	95-3883-03	1	Support-Rear Eng
8	95-4183	4	Screw – Threadlocking	30	95-4189	2	Bushing – Isolation
9	3296-23	2	Nut-Lock Ni	31	94-7527	2	Sleeve – Iso Mount
10	353-783	2	Pump Fitting	32	83-1040	2	Washer – Flat
11	321-6	3	Screw-HH	33	323-10	2	Screw-HH
12	63-7650	1	Filter/Water Separator	34	94-7892	1	Hub – Drive, DI
12:1	63-8280	1	Head Assembly	35	94-2163	1	Engine (Model 73590) (Serial No. 9900001-900130)
12:2	63-8290	1	Air Vent	35	99-5310	1	Engine (Model 73590) (Serial No. 9901001 & Up)
12:3	63-8300	1	Spin-On Element	35	99-5310	1	Engine (Model 73552) (Serial No. 9900001 & Up)
12:4	63-8310	1	Drain Valve				
13	2412-108	2	Clamp				
14	99-9687	1	Hose-Fuel (Service)				
15	3256-23	4	Washer-Flat				
16	95-4184	13	Screw – Threadlocking				
17	3256-22	1	Washer-Flat				
18	95-4066-03	1	Brkt-Clutch				
19	3230-2	2	Screw-CARR				
20	94-7973	1	Screw-HH				
21	3256-25	1	Washer-Flat				
22	94-2190	1	Clutch – PTO				



Liquid Cooled Diesel Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	94-7644-03	1	Strap-Radiator
2	3256-23	6	Washer-Flat
3	3253-4	4	Washer-Lock/Sp
4	322-2	4	Screw-HH
5	3269-13	2	Rivet-Pop
6	98-7217	1	Trim - Loc, 6"
6	98-7216	1	Trim - Loc, 31"
7	95-3825	1	Shroud - Fan
8	2412-34	4	Clamp-Hose
9	95-4266	1	Hose - Rad. Daihatsu
10	98-5024	1	ASM - Fan/Decal
10:2	95-4143	1	Decal - Warning
11	62-2470	1	Hose - Fuel Line
12	95-4227	1	Hose - Overflow
13	95-4191	1	Cap - Coolant Reservoir
14	95-4017	1	Bottle - Overflow
15	98-1600	1	Tray - Overflow
16	3229-1	2	Screw-CARR
17	95-4080-03	1	Brkt-Bottle
18	3256-22	2	Washer-Flat
19	3253-3	2	Washer-Lock/Sp
20	321-3	2	Screw-HH

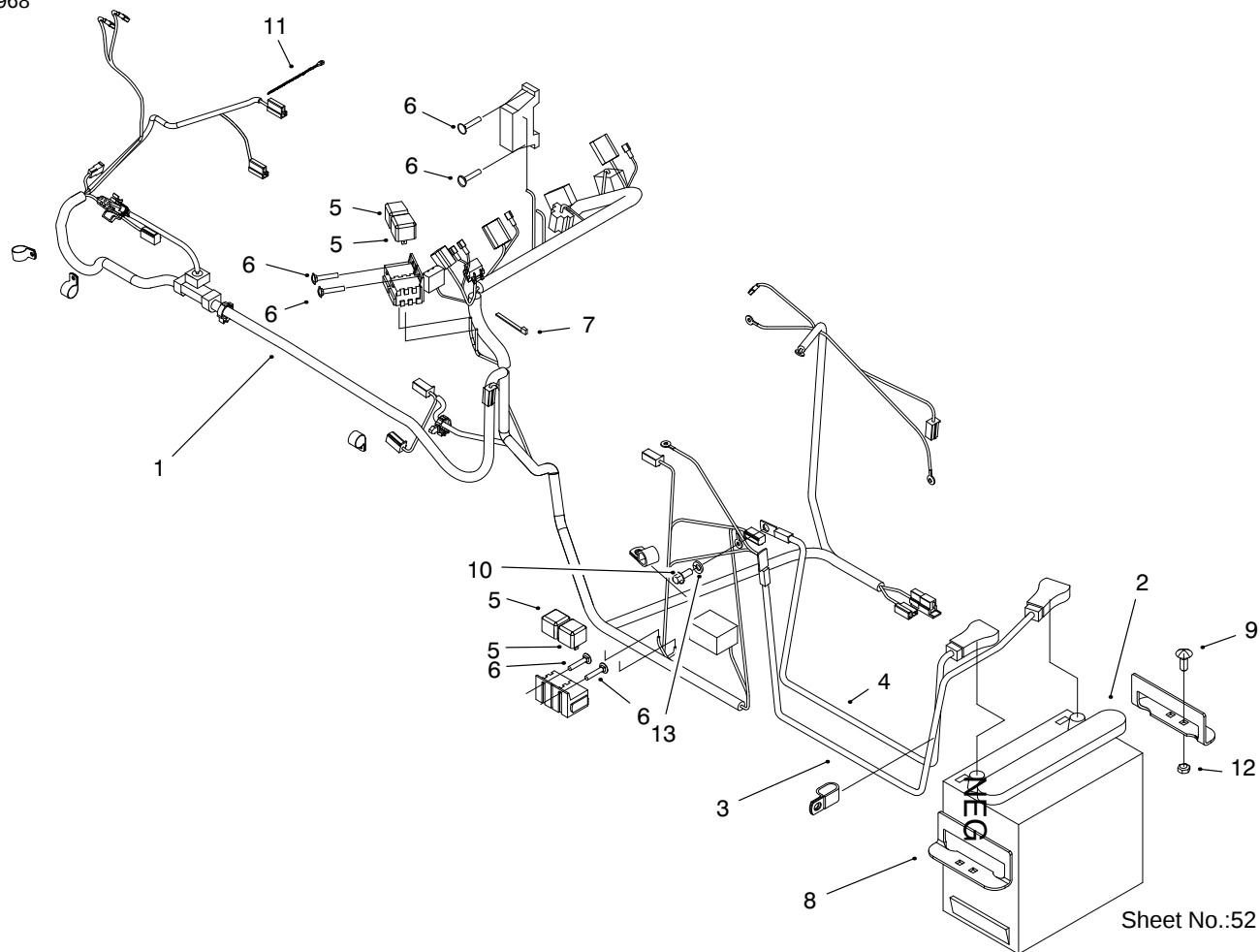
Ref. No.	Part No.	Qty.	Description
21	95-4267	1	Hose - Rad. Daihatsu
22	322-5	6	Screw-HH
23	95-4161	2	Foam - Radiator/Shroud
24	95-4142	2	Valve - Drain
25	95-4237	2	Rivet - Plastic
26	95-4170	1	Baffle - Tower Rear
27	99-8052	1	Baffle-Tower ASM
27:2	98-5026	1	Foam-Baffle
27:3	95-4161	1	Foam-Radiator/Shroud
28	3296-29	6	Nut-Lock Ni
29	3296-8	2	Nut-Lock Ni
30	98-3590-03	1	Brkt-Radiator
31	94-7645-03	1	Support-RH Radiator
32	98-1643-03	1	Screen - Chaff
33	94-7640	1	Radiator - Diesel
34	94-7646-03	1	Support-LH Radiator
35	93-5957	1	Cap - Radiator
36	98-3086	4	Foam Seal - Kohler, Side
37	98-8712	2	Washer - Spacer



Sheet No.:38

Liquid Cooled Diesel Engine Assembly

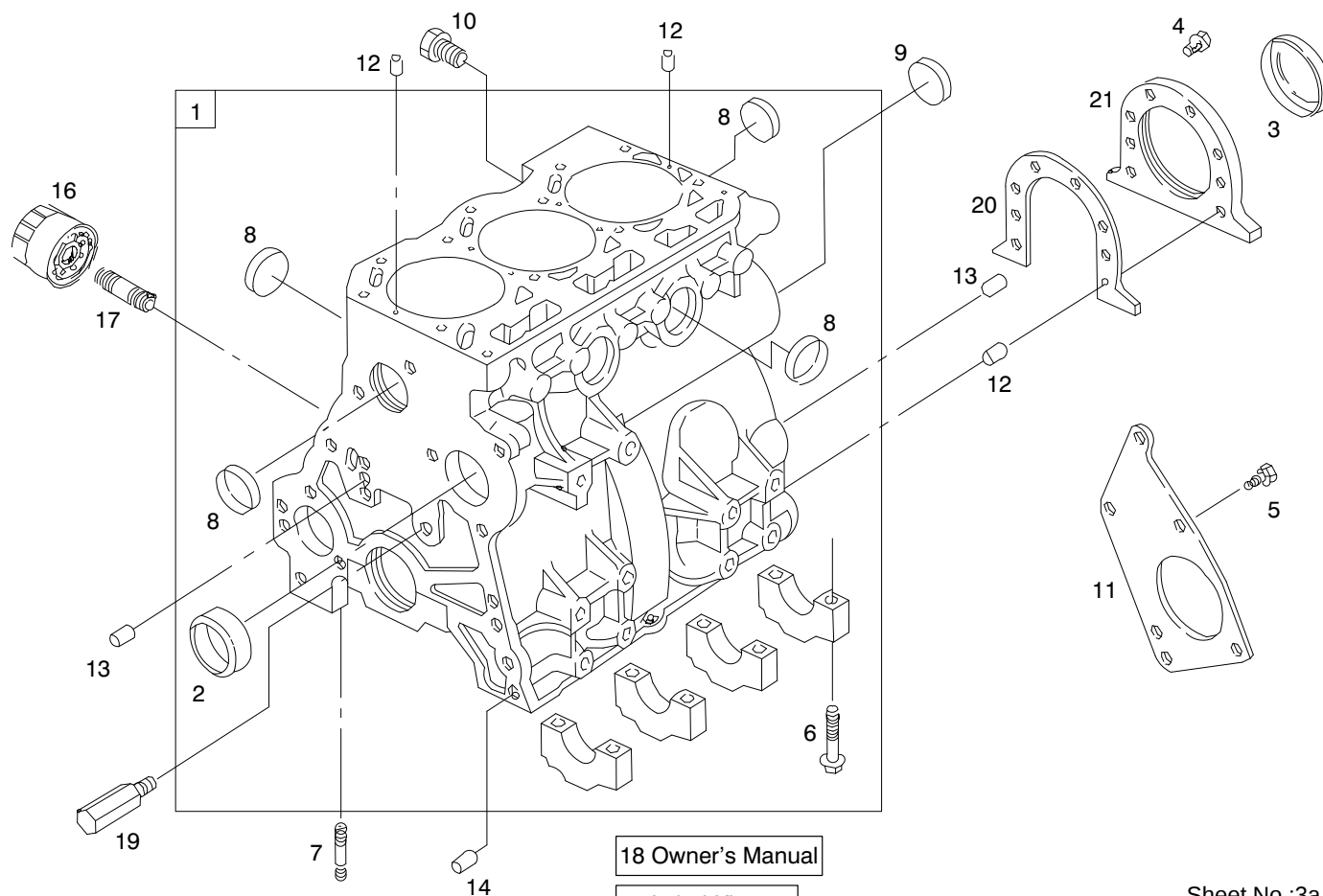
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3290-379	1	Plastic Ty-On	20	107069	3	Clip
2	98-1628	1	Hose – Air Cleaner	21	98-1638-03	1	Heat Shield Wa
3	2412-92	2	Hose Clamp	22	3229-1	2	Screw-CARR
4	95-4265	1	Hose – Air Cleaner Outlet	23	94-7958	1	Muffler
5	93-2190	1	Air Cleaner Assy	24	32152-4	2	Nut-Conelock
5:2	93-2195	1	Filter	25	94-7621	1	Temp. Sender, Ds
5:3	94-3652	1	Cover ASM	26	3296-8	1	Nut-Lock Ni
5:3:1	E643283	2	Latch-Air Cleaner	27	322-6	2	Screw-HH
5:4	94-1414	1	Valve – Vacuator	28	321-6	1	Screw-HH
5:5	285-17	1	Pipe Plug	29	2412-130	1	Hose Clamp
6	322-5	2	Screw-HH				
7	3256-23	2	Washer-Flat				
8	95-5806	1	Bracket – Mounting, Air Cleaner				
9	3296-29	4	Nut-Lock Ni				
10	95-3891-03	1	Guard-Flywheel				
11	321-4	3	Screw-HH				
12	3253-3	3	Washer-Lock/Sp				
13	95-4067-03	1	Brkt-Clutch Anchor				
14	3296-42	2	Nut-Lock Ni				
15	240-14	2	Bumper – Rubber				
16	3256-22	1	Washer-Flat				
17	12-5450	1	Screw-Special Vex				
18	95-4239-03	1	Bracket – Relay				
19	98-1634-03	1	Heat Shield Wa				



Electrical 23HP Assembly

Ref. No.	Part No.	Qty.	Description
1	99-3725	1	Harness – Main
2	94-7622	1	Battery – 495cca
3	95-7852	1	Cable – Battery, Red
4	95-7853	1	Cable – Battery,
5	98-7249	4	Relay-Spdt
6	12-5450	6	Screw-Special Vex
7	614249	1	Strap-Tie Sm
8	98-3497	2	Hold – Down, Battery
9	3230-16	2	Screw-HH
10	33114-016	1	Screw-HH
11	98-5072	1	Tie-Cable
12	3296-29	2	Nut-Lock Ni
13	3253-4	1	Washer-Lock/Sp
	109355	1	Fuse-15 Amp
	218-578	2	Fuse-10 Amp Blade Type
	Nn10277	1	Fuse – 30 Ampere

Ref. No.	Part No.	Qty.	Description



Sheet No.:3a

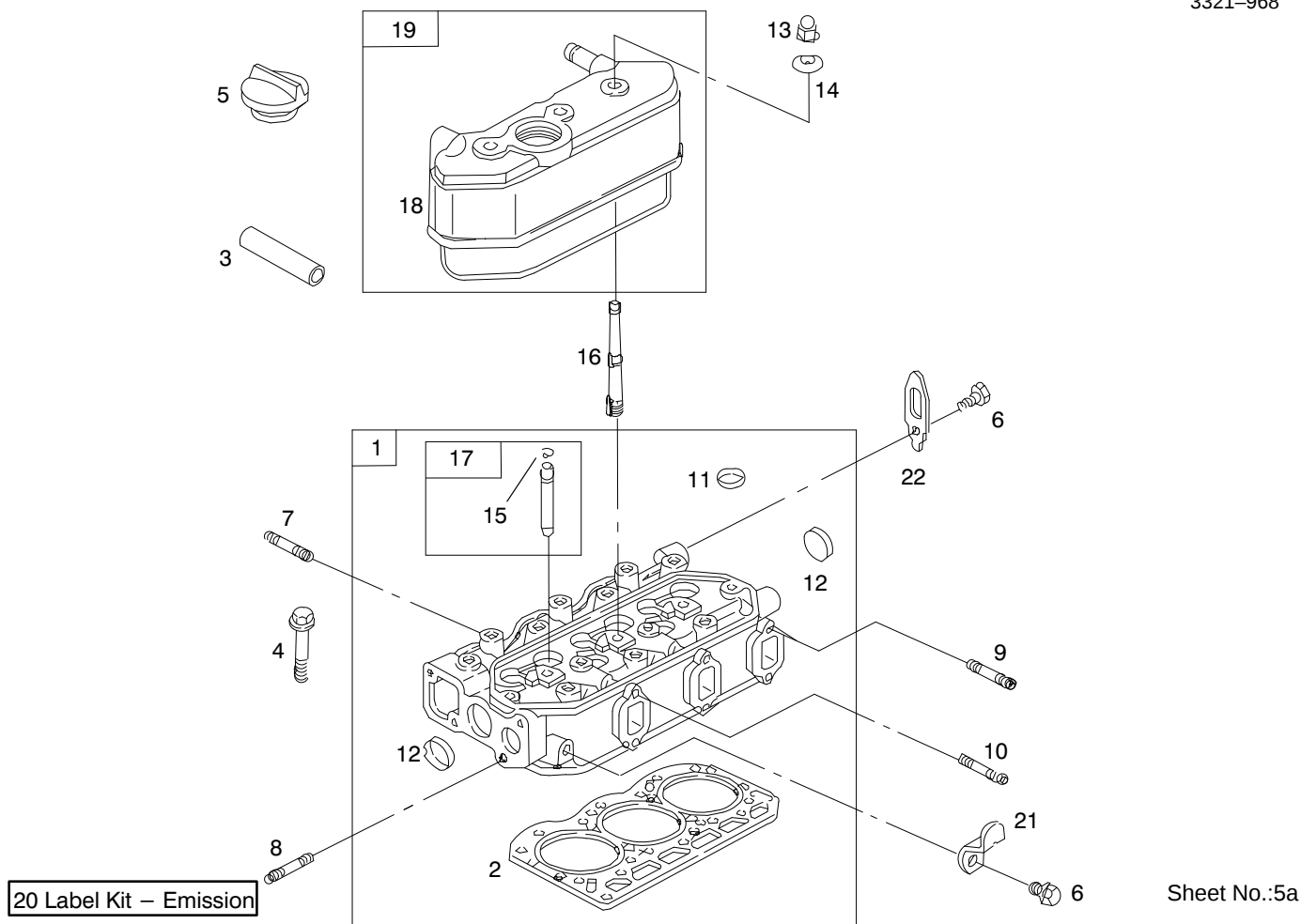
Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9600	1	Cylinder Assembly
2	99-9002	1	Bushing
3	99-9003	1	Seal-Oil
4	99-9004	6	Screw-Hex
5	99-9005	5	Screw-Hex
6	99-9006	8	Screw-Hex
7	99-9007	1	Stud-Metric
8	99-9008	7	Plug-Welch
9	99-9010	1	Plug-Welch (Camshaft)
10	99-9601	1	Plug (Cylinder Block)
11	99-9011	1	Bracket-Mounting
12	99-9012	4	Pin-Locating
13	99-9013	3	Pin-Locating
14	99-9014	2	Pin-Locating
15	99-9015	1	Label Kit
16	99-9017	1	Filter-Oil
17	99-9018	1	Adapter-Oil Filter
18	99-9602	1	Owner's Manual
19	99-9020	1	Nozzle-Oil
20	99-9021	1	Gasket-Retainer
21	99-9022	1	Retainer-Seal

Ref. No.	Part No.	Qty.	Description

Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

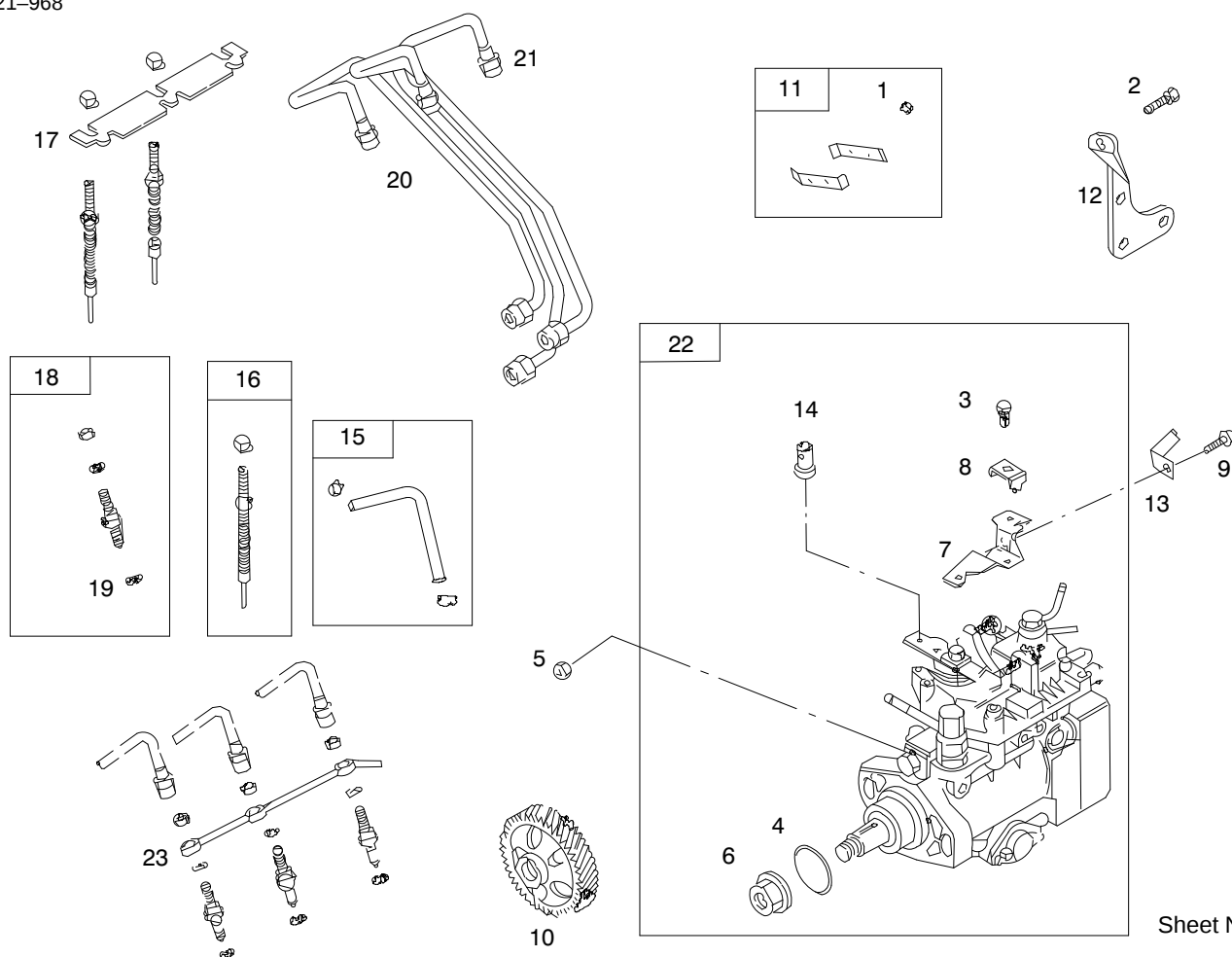
Ref. No.	Part No.	Qty.	Description



Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9611	1	Head-Cylinder
2	99-9612	1	Gasket-Cylinder Head
3	99-9613	1	Tube-Breather
4	99-9614	14	Screw-Metric
5	99-9052	1	Cap-Oil Fill
6	99-9054	2	Screw-8mm Hex
7	99-9055	2	Stud-Metric
8	99-9057	2	Stud-Metric
9	99-9058	5	Stud-Metric
10	99-9059	1	Stud-Metric
11	99-9008	2	Plug-Welch
12	99-9060	2	Plug-Welch
13	99-9061	3	Nut-Metric Hex
14	99-9063	3	Washer-Seal
15	99-9067	6	Retainer
16	99-9101	3	Stud-Rocker Arm
17	99-9070	6	Bushing-Guide
18	99-9073	1	Gasket-Rocker Cover
19	99-9074	1	Cover-Rocker
20	99-9615	1	Label Kit-Emission
21	99-9076	1	Bracket-Lifting
22	99-9077	1	Bracket-Lifting

Ref. No.	Part No.	Qty.	Description



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Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9004	2	Screw-Hex
2	99-9616	4	Screw-8mm Hex
3	99-9617	1	Screw-Metric
4	99-9618	1	Seal-O-Ring
5	99-9619	2	Nut-Metric Hex
6	99-9620	1	Nut-Metric Hex
7	99-9621	1	Bracket-Casing Clamp
8	99-9622	1	Clamp-Casing
9	99-9623	1	Screw-Hex
10	99-9624	1	Gear-Drive
11	99-9625	1	Clamp
12	99-9626	1	Bracket-Support
13	99-9627	1	Bracket-Support
14	99-9628	1	Clamp-Swivel
15	99-9629	1	Hose/Clamp Assembly
16	99-9630	3	Plug-Glow
17	99-9631	1	Strap-Glow Plug
18	99-9632	3	Nozzle-Injector
19	99-9633	1	Seat-Injector
20	99-9634	1	Pipe-Injector #2
21	99-9635	1	Pipe-Injector #3
22	99-9636	1	Pump-Injection
23	99-9637	1	Pipe-Fuel Return

Ref. No.	Part No.	Qty.	Description



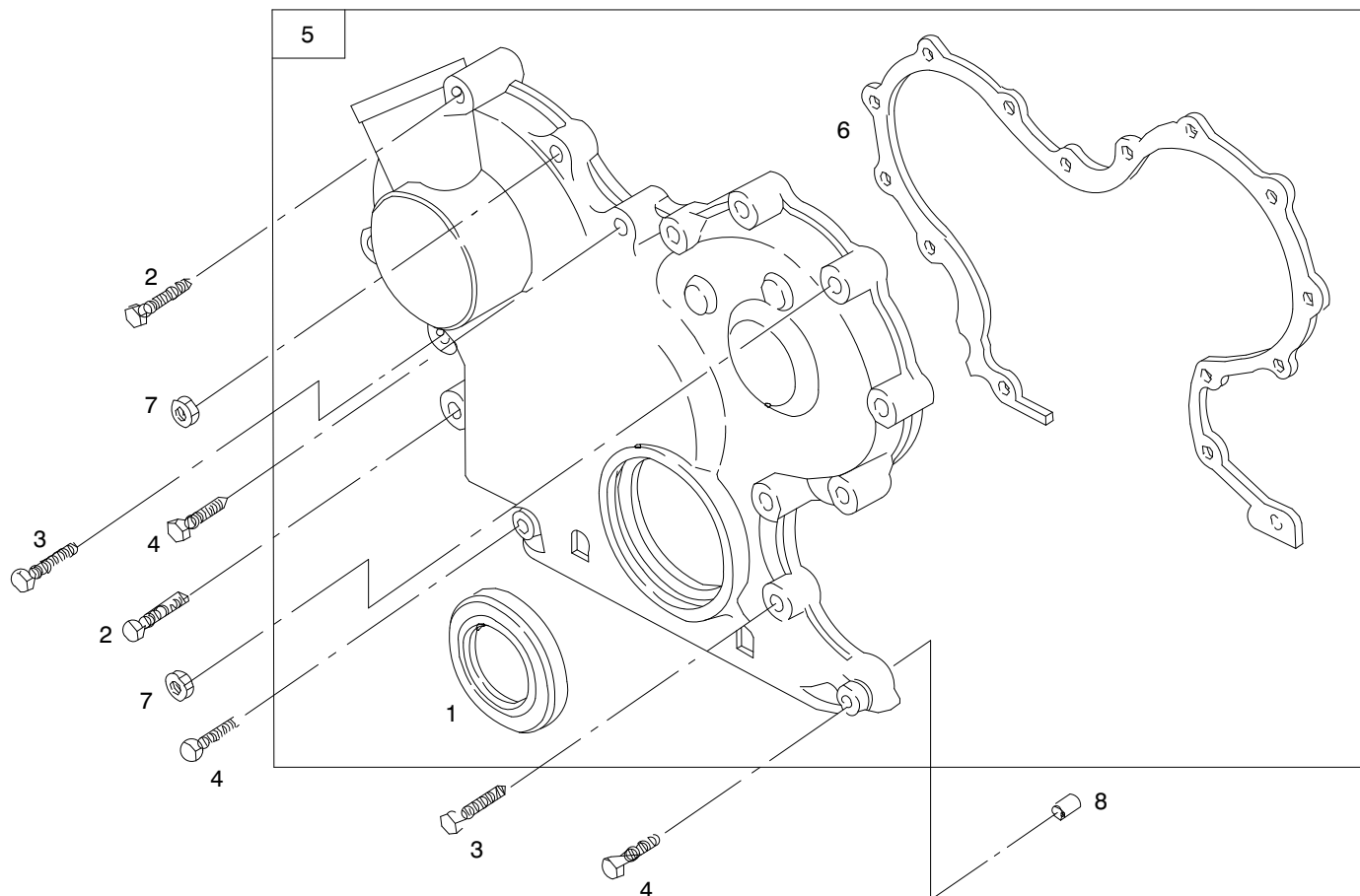
Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9079	3	Washer-Flat
2	99-9638	3	Valve-Exhaust
3	99-9639	3	Valve-Intake
4	99-9640	6	Spring-Valve
5	99-9083	3	Screw-6mm Hex
6	99-9084	6	Retainer-Valve
7	99-9086	1	Keeper-Valve
8	99-9087	6	Keeper-Valve
9	99-9085	1	Screw-Metric
10	99-9088	6	Tappet-Valve
11	99-9641	1	Gear-Cam
12	99-9091	3	Nut-Metric Hex
13	99-9092	6	Adjuster-Rocker Arm
14	99-9093	3	Washer-Spacer
15	99-9094	6	Cap-Valve
16	99-9090	1	Screw-Metric
17	99-9642	1	Key-Timing
18	99-9096	6	Seat-Valve Spring
19	99-9097	1	Shaft-Cam
20	99-9099	2	Retainer
21	99-9643	6	Seal-Valve
22	99-9103	6	Rod-Push
23	99-9104	1	Arm-Rocker
24	99-9106	1	Shaft-Rocker Arm

Ref. No.	Part No.	Qty.	Description
25	99-9107	3	Support-Rocker Arm
26	99-9108	2	Spring-Rocker Shaft
27	99-9109	1	Retainer-Camshaft

Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description

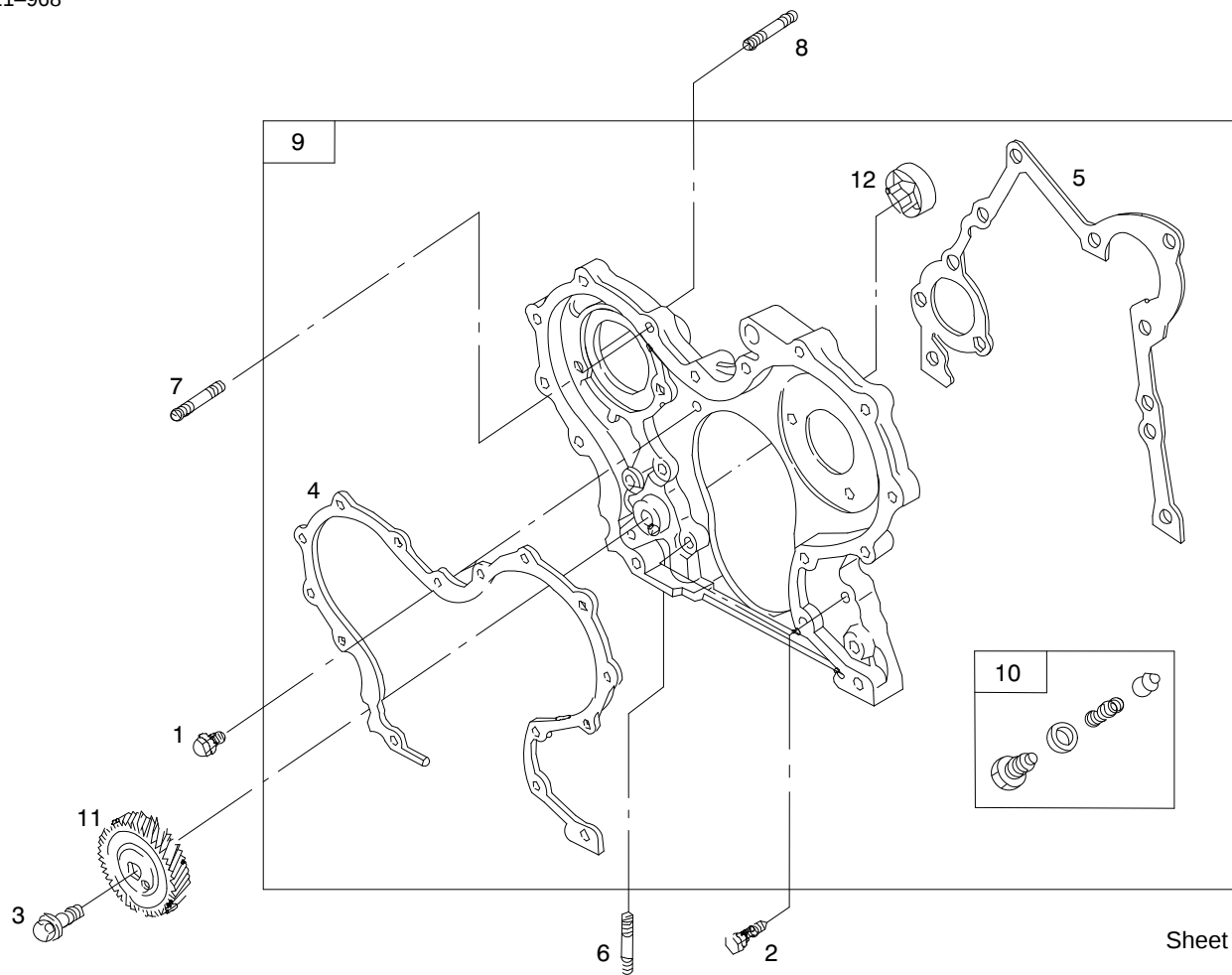


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Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9126	1	Seal-Oil
2	99-9651	2	Screw-6mm Hex
3	99-9128	9	Screw-6mm Hex
4	99-9129	3	Screw-6mm Hex
5	99-9652	1	Cover-Assembly-Gar
6	99-9653	1	Gasket-Gear Cover
7	99-9114	2	Nut-Metric Hex
8	99-9014	1	Pin-Locating

Ref. No.	Part No.	Qty.	Description

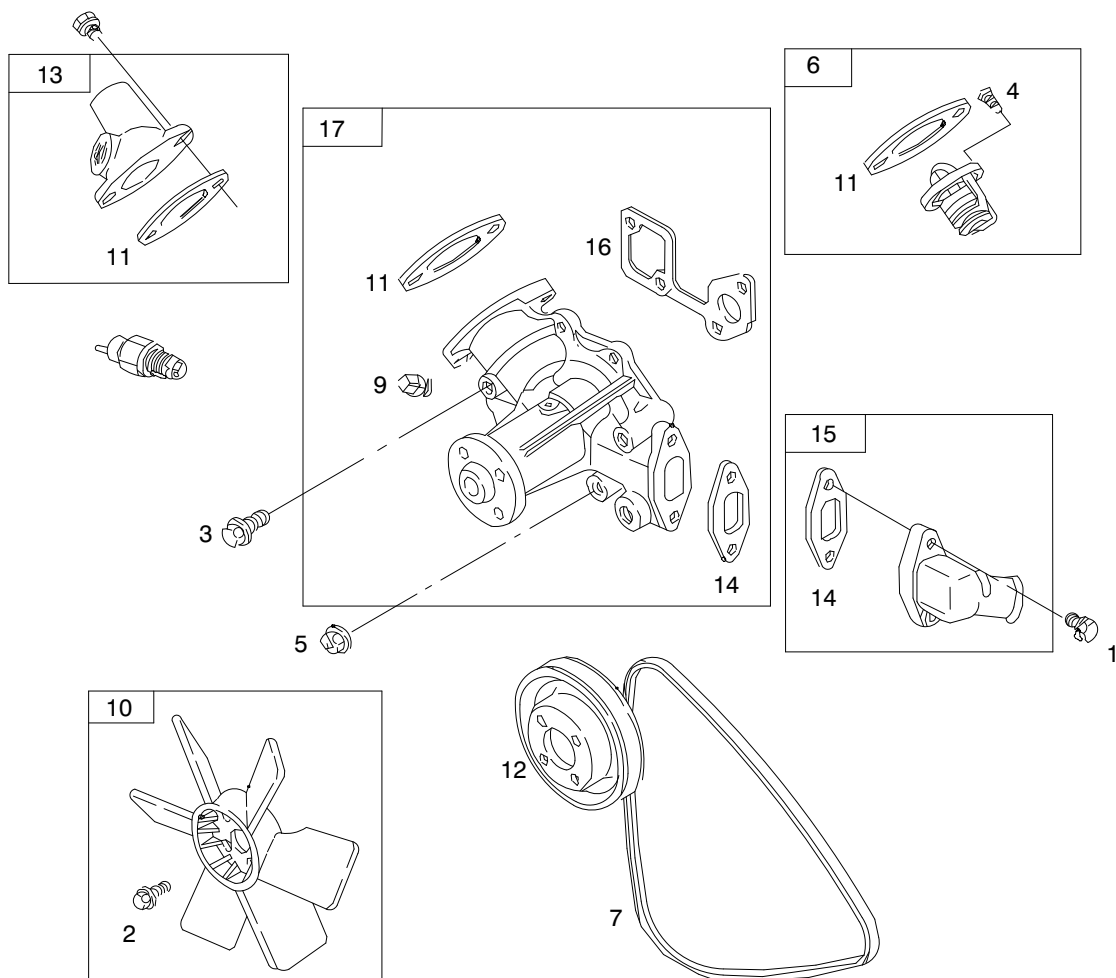


Sheet No.:10a

Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9134	1	Screw-6mm Hex
2	99-9133	4	Screw-6mm Hex
3	99-9135	1	Screw-8mm Hex
4	99-9653	1	Gasket-Gear Cover
5	99-9136	1	Gasket-Gear Cover
6	99-9007	1	Stud-Metric
7	99-9137	2	Stud-Metric
8	99-9654	2	Stud-Metric
9	99-9655	1	Housing-Gear
10	99-9142	1	Valve-Oil Relief
11	99-9656	1	Gear-Drive
12	99-9694	1	Pump-Oil

Ref. No.	Part No.	Qty.	Description

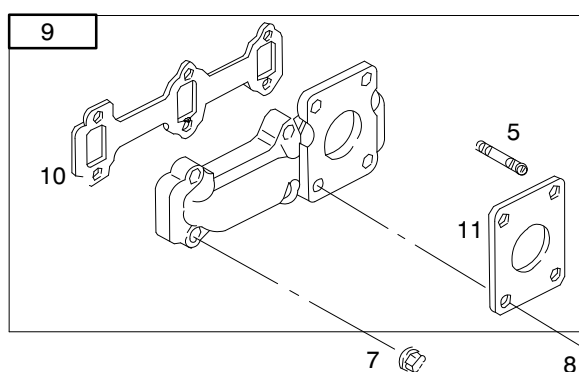
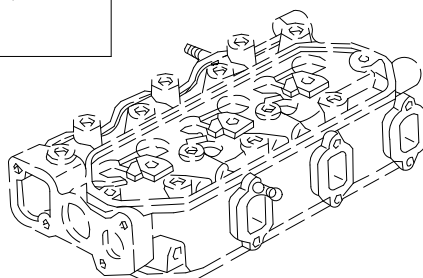


Sheet No.:11a

Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

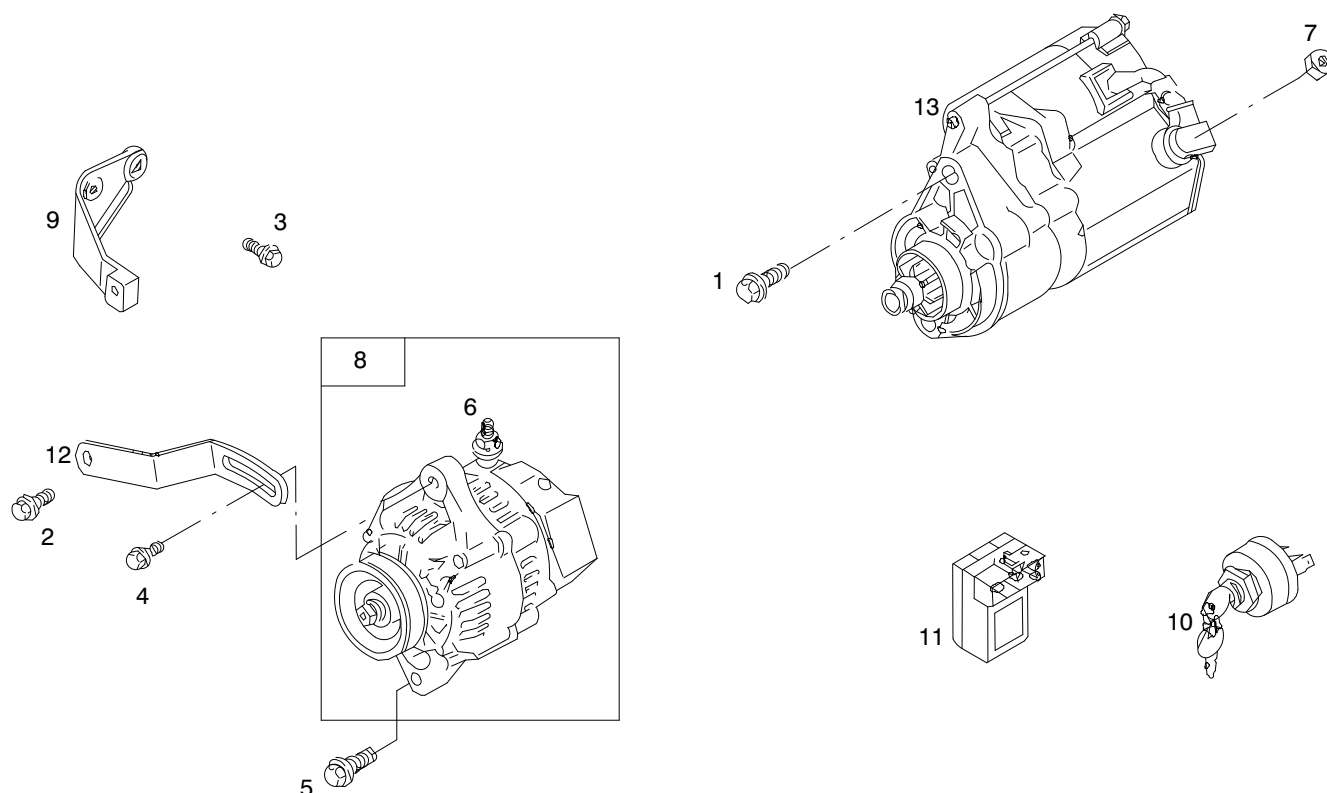
Ref. No.	Part No.	Qty.	Description
1	99-9004	4	Screw-Hex
2	99-9111	4	Screw-6mm Hex
3	99-9151	2	Screw-8mm Hex
4	99-9152	1	Screw-Metric
5	99-9153	1	Nut-Metric Hex
6	99-9155	1	Thermostat
7	99-9156	1	Belt-Vee
8	99-9157	1	Switch-Water Temp.
9	99-9159	1	Plug
10	99-9657	1	Fan-Radiator
11	99-9163	1	Gasket-Outlet
12	99-9164	1	Pulley-Pump
13	99-9658	1	Housing-Outlet
14	99-9166	1	Gasket-Inlet Housing
15	99-9167	1	Housing-Inlet
16	99-9168	1	Gasket-Water Pump
17	99-9659	1	Pump-Water

Ref. No.	Part No.	Qty.	Description



Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description

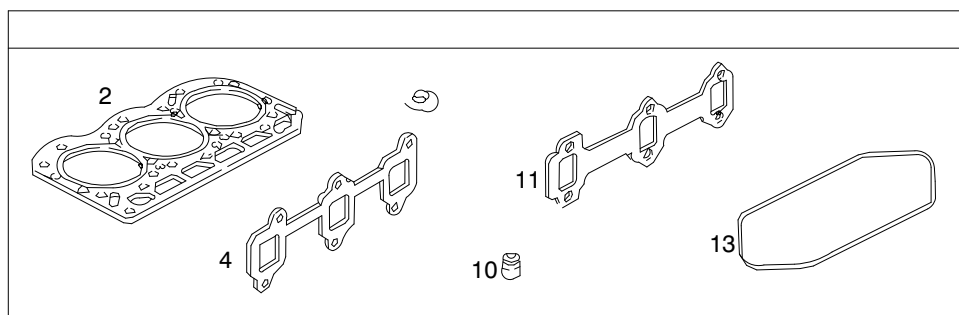


Sheet No.:13a

Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9201	2	Screw-10mm Hex
2	99-9202	1	Screw-8mm Hex
3	99-9203	2	Screw-8mm Hex
4	99-9663	1	Screw-Metric Hex
5	99-9205	1	Screw-Metric Hex
6	99-9114	1	Nut-Metric Hex
7	99-9206	1	Nut-Metric Hex
8	99-9209	1	Alternator
9	99-9211	1	Bracket-Support
10	99-9665	1	Key Switch
11	99-9666	1	Module
12	99-9212	1	Bracket-Adjusting
13	99-9693	1	Motor-Starter

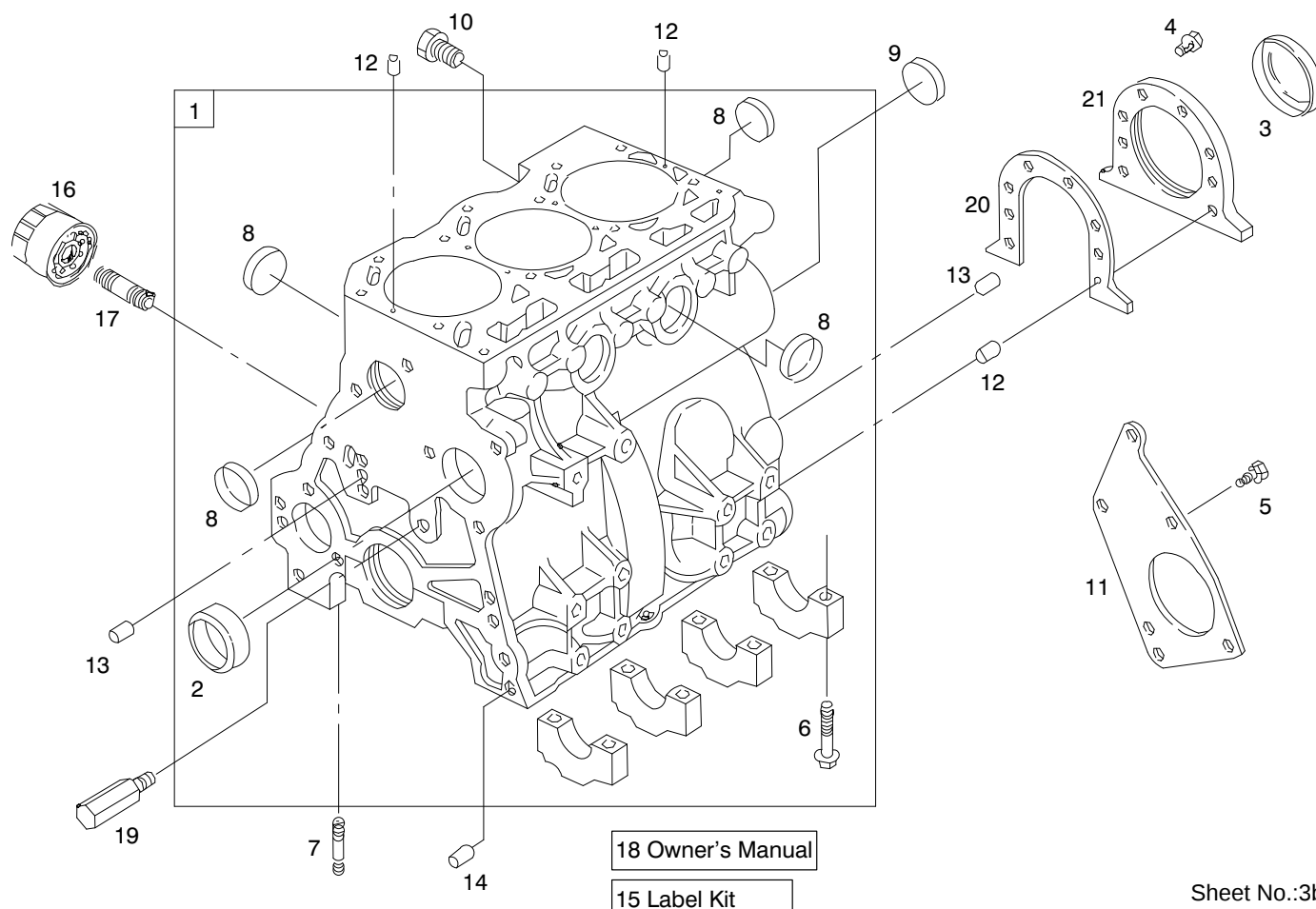
Ref. No.	Part No.	Qty.	Description



Engine Assembly (Serial No. 99000001 & Up) (Model 73552)
Engine Assembly (Serial No. 99001001 & Up) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9003	1	Seal-Oil
2	99-9612	1	Gasket-Cylinder Head
3	99-9126	1	Seal-Oil
4	99-9662	1	Gasket-Intake
5	99-9653	1	Gasket-Gear Cover
6	99-9136	1	Gasket-Gear Cover
7	99-9063	1	Washer-Seal
8	99-9645	1	Washer-Seal
9	99-9667	1	Gasket-Set
10	99-9643	1	Seal-Valve
11	99-9178	1	Gasket-Exhaust
12	99-9179	1	Gasket-Exhaust
13	99-9073	1	Gasket-Rocker Cover
14	99-9668	1	Kit-Valve Overhaul
15	99-9163	1	Gasket-Outlet
16	99-9166	1	Gasket-Inlet Housing
17	99-9168	1	Gasket-Water Pump
18	99-9120	1	Gasket-Oil Strainer
19	99-9121	1	Gasket-Oil Pan
20	99-9021	1	Gasket-Retainer

Ref. No.	Part No.	Qty.	Description



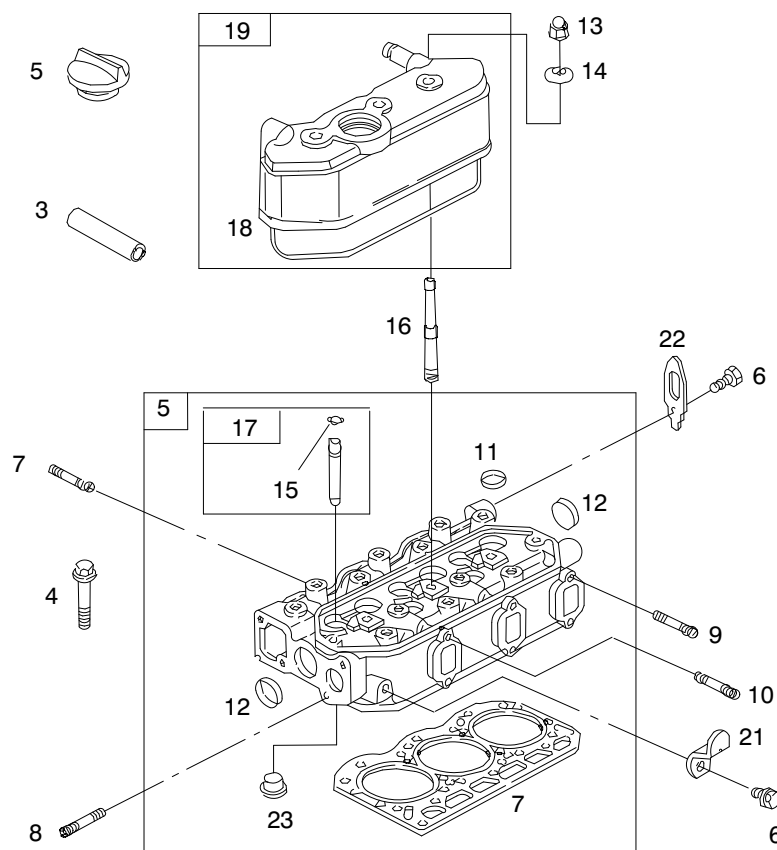
Sheet No.:3b

Engine Assembly (Serial No. 9900001-9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	99-9669	1	Cylinder Assembly				
2	99-9002	1	Bushing				
3	99-9003	1	Seal-Oil				
4	99-9004	6	Screw-Hex				
5	99-9005	5	Screw-Hex				
6	99-9006	8	Screw-Hex				
7	99-9007	1	Stud-Metric				
8	99-9008	7	Plug-Welch				
9	99-9009	1	Plug-Welch				
10	99-9601	1	Plug (Cylinder Block)				
11	99-9011	1	Bracket-Mounting				
12	99-9012	4	Pin-Locating				
13	99-9013	3	Pin-Locating				
14	99-9014	2	Pin-Locating				
15	99-9015	1	Label Kit				
16	99-9017	1	Filter-Oil				
17	99-9018	1	Adapter-Oil Filter				
18	99-9602	1	Owner's Manual				
19	99-9020	1	Nozzle-Oil				
20	99-9021	1	Gasket-Retainer				
21	99-9022	1	Retainer-Seal				

Engine Assembly (Serial No. 9900001–9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description

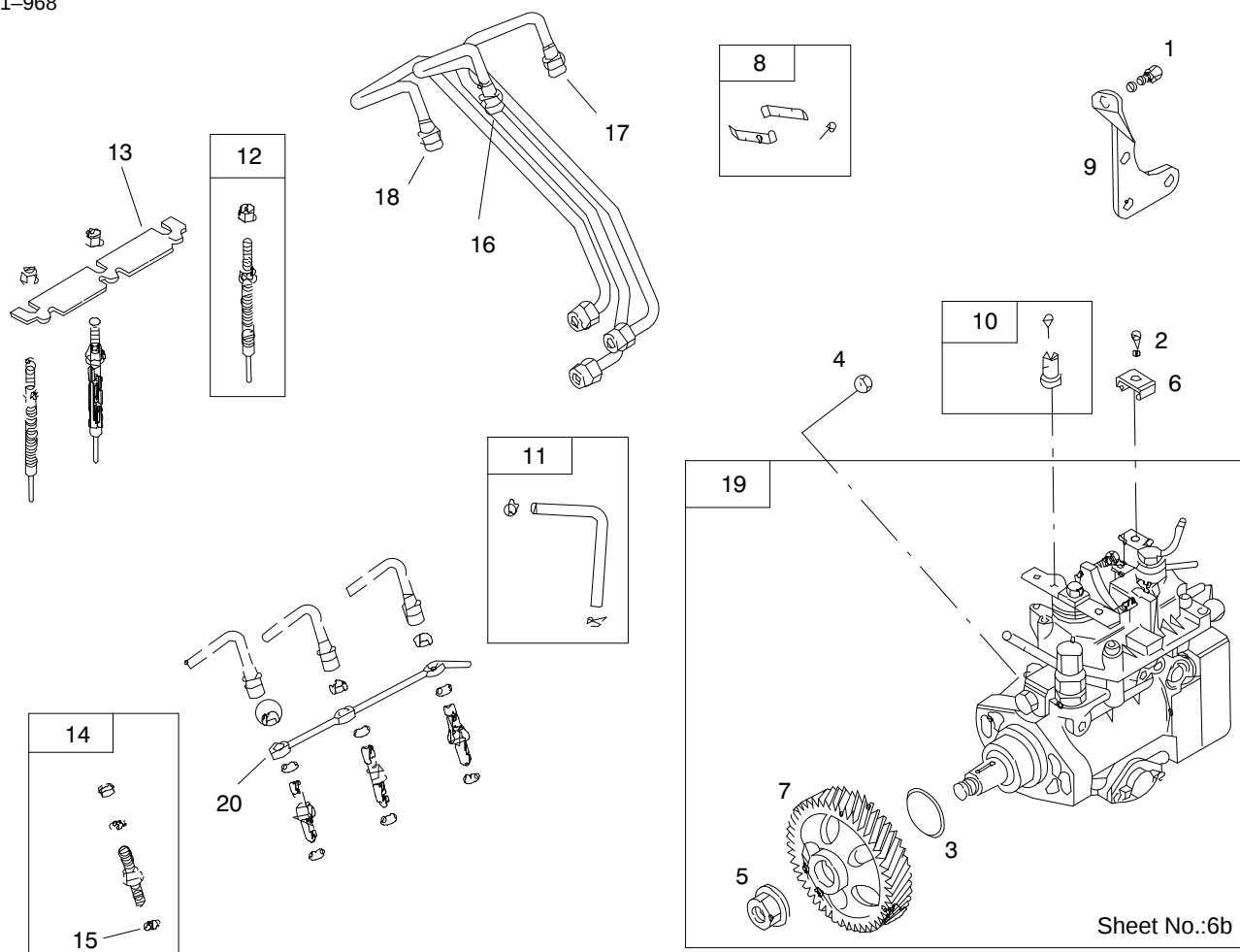


20 Label Kit – Emission

Sheet No.:5b

Engine Assembly (Serial No. 9900001-9900130) (Model 73590)

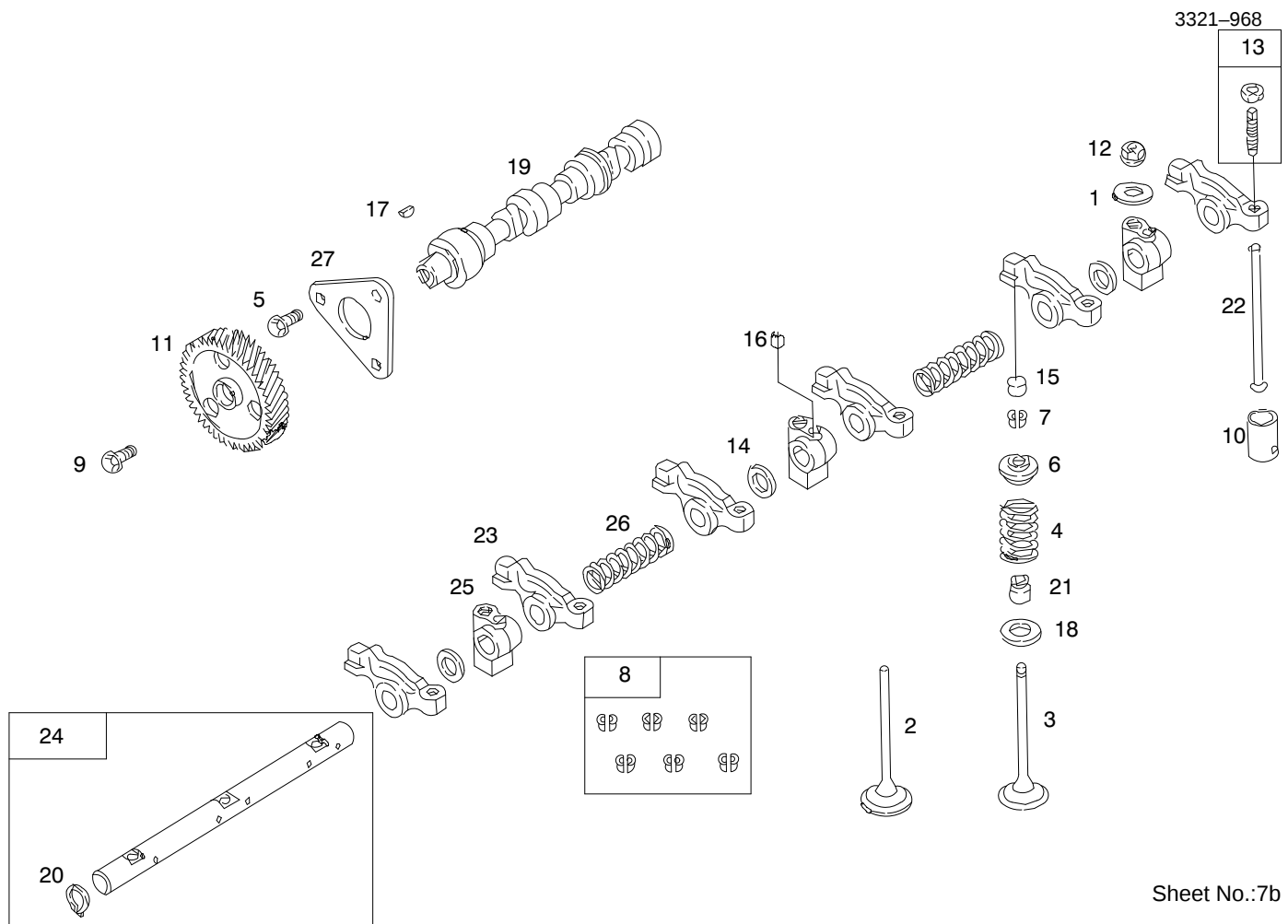
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	99-9670	1	Head-Cylinder				
2	99-9673	1	Gasket-Cylinder Head				
3	99-9613	1	Tube-Breather				
4	99-9051	14	Screw-Metric				
5	99-9052	1	Cap-Oil Fill				
6	99-9054	2	Screw-8mm Hex				
7	99-9055	2	Stud-Metric				
8	99-9057	2	Stud-Metric				
9	99-9058	5	Stud-Metric				
10	99-9059	1	Stud-Metric				
11	99-9008	2	Plug-Welch				
12	99-9060	2	Plug-Welch				
13	99-9061	3	Nut-Metric Hex				
14	99-9063	3	Washer-Seal				
15	99-9067	6	Retainer				
16	99-9101	3	Stud-Rocker Arm				
17	99-9070	6	Bushing-Guide				
18	99-9073	1	Gasket-Rocker Cover				
19	99-9074	1	Cover-Rocker				
20	99-9615	1	Label Kit-Emission				
21	99-9076	1	Bracket-Lifting				
22	99-9077	1	Bracket-Lifting				
23	99-9674	3	Chamber-Combustion				



Engine Assembly (Serial No. 9900001–9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9616	4	Screw-8mm Hex
2	99-9617	1	Screw-Metric
3	99-9618	1	Seal-O-Ring
4	99-9619	2	Nut-Metric Hex
5	99-9620	1	Nut-Metric Hex
6	99-9688	1	Clamp-Casing
7	99-9689	1	Gear-Drive
8	99-9625	1	Clamp
9	99-9626	1	Bracket-Support
10	99-9628	1	Clamp-Swivel
11	99-9629	1	Hose/Clamp Assembly
12	99-9630	3	Plug-Glow
13	99-9631	1	Strap-Glow Plug
14	99-9632	3	Nozzle-Injector
15	99-9633	1	Seat-Injector
16	99-9634	1	Pipe-Injector #2
17	99-9635	1	Pipe-Injector #3
18	99-9690	1	Pipe-Injector #1
19	99-9691	1	Pump-Injection
20	99-9637	1	Pipe-Fuel Return

Ref. No.	Part No.	Qty.	Description

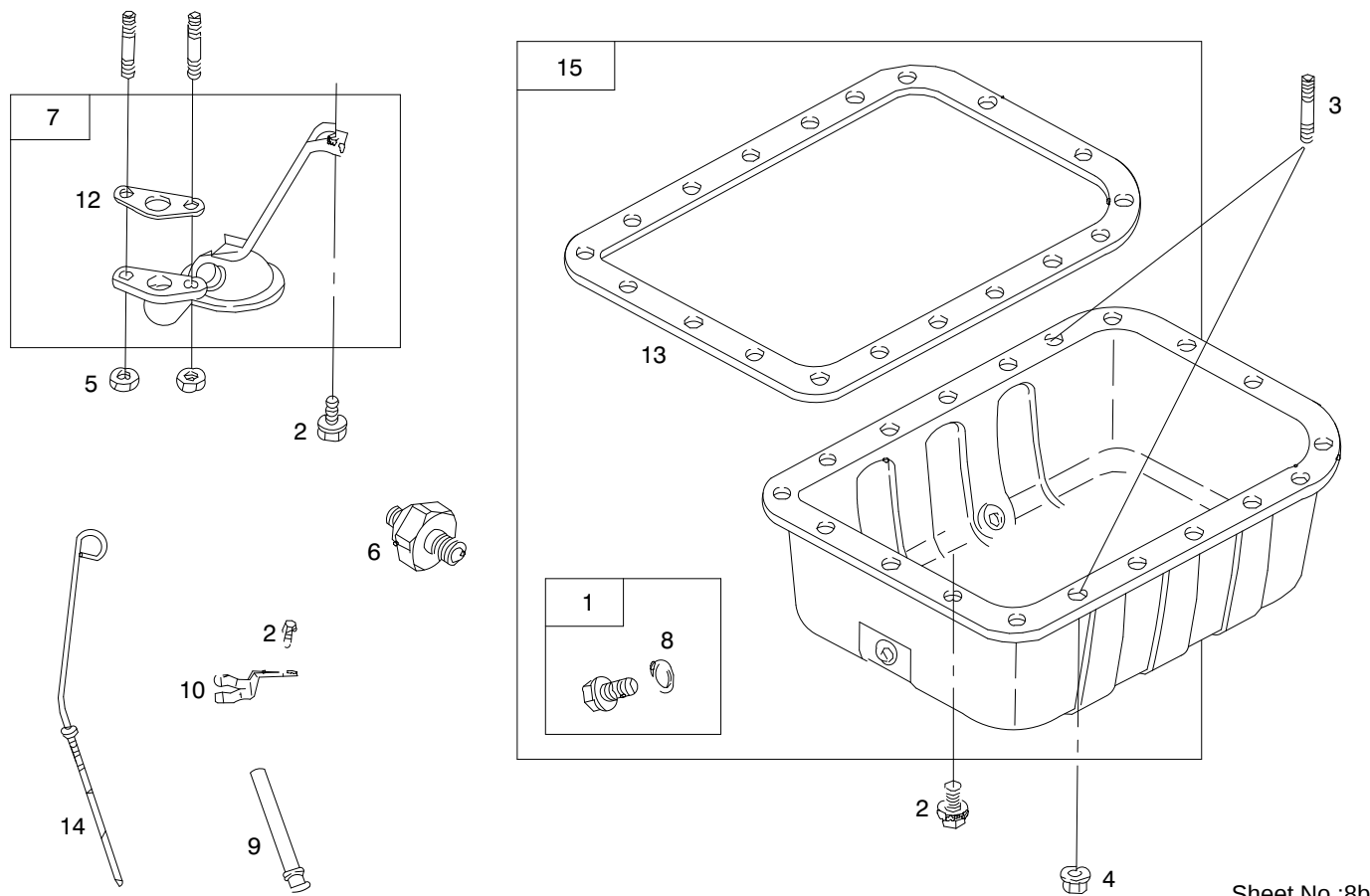


Sheet No.:7b

Engine Assembly (Serial No. 9900001–9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9079	3	Washer-Flat
2	99-9638	3	Valve-Exhaust
3	99-9639	3	Valve-Intake
4	99-9640	6	Spring-Valve
5	99-9083	3	Screw-6mm Hex
6	99-9084	6	Retainer-Valve
7	99-9086	1	Keeper-Valve
8	99-9087	6	Keeper-Valve
9	99-9085	1	Screw-Metric
10	99-9088	6	Tappet-Valve
11	99-9089	1	Gear-Cam
12	99-9091	3	Nut-Metric Hex
13	99-9092	6	Adjuster-Rocker Arm
14	99-9093	3	Washer-Spacer
15	99-9094	6	Cap-Valve
16	99-9090	1	Screw-Metric
17	99-9675	1	Key-Timing
18	99-9096	6	Seat-Valve Spring
19	99-9097	1	Shaft-Cam
20	99-9099	2	Retainer
21	99-9643	6	Seal-Valve
22	99-9103	6	Rod-Push
23	99-9104	1	Arm-Rocker
24	99-9106	1	Shaft-Rocker Arm
25	99-9107	3	Support-Rocker Arm

Ref. No.	Part No.	Qty.	Description
26	99-9108	2	Spring-Rocker Shaft
27	99-9109	1	Retainer-Camshaft

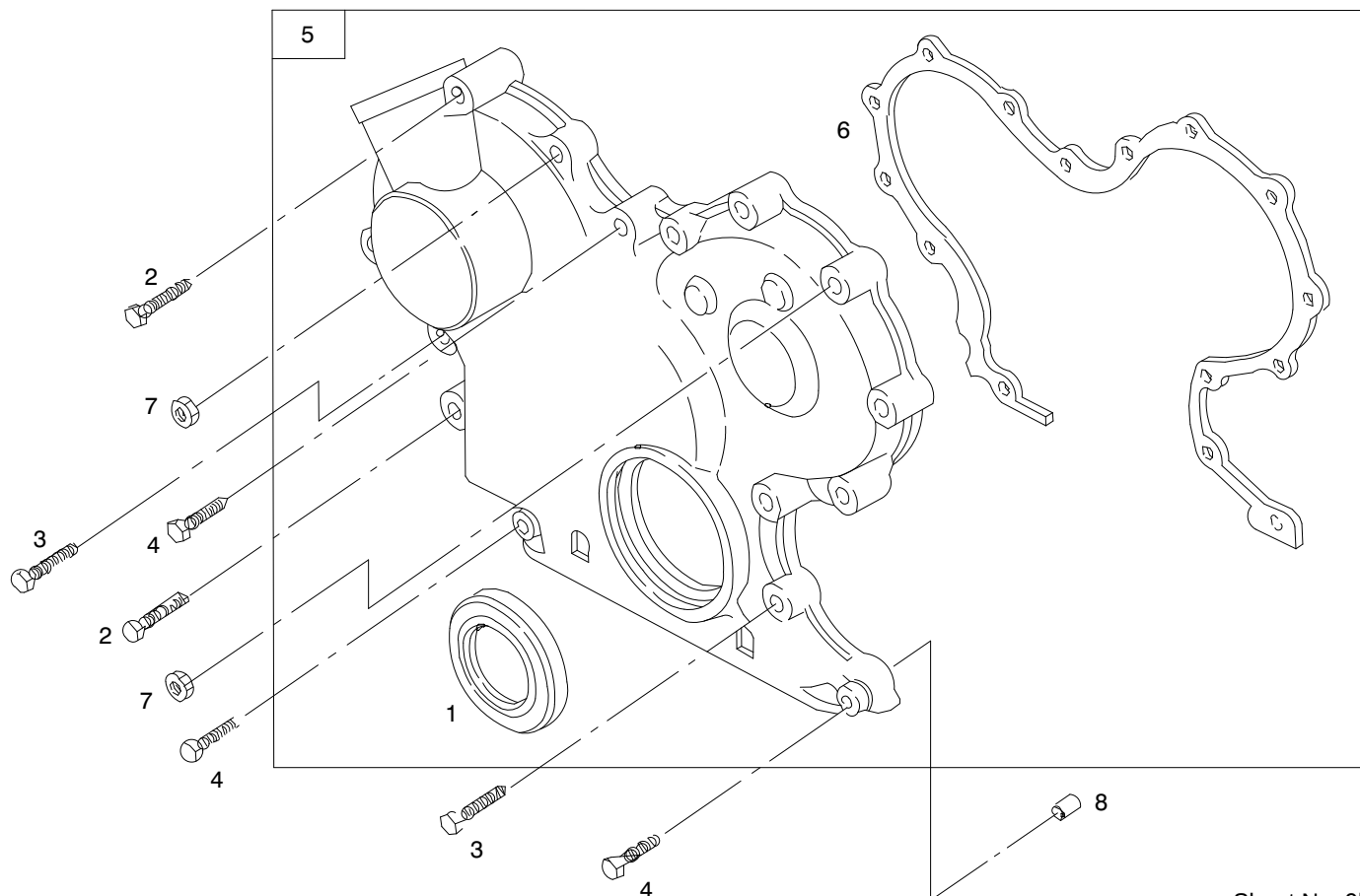


Sheet No.:8b

Engine Assembly (Serial No. 9900001–9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9110	1	Plug-Oil Drain (12mm)
2	99-9111	18	Screw-6mm Hex
3	99-9112	2	Stud-Metric
4	99-9113	2	Nut-Metric Hex
5	99-9114	2	Nut-Metric Hex
6	99-9115	1	Switch-Oil Pressure
7	99-9116	1	Screen-Oil Pump
8	99-9117	1	Washer-Seal (12mm)
9	99-9118	1	Tube-Dipstickx
10	99-9647	1	Bracket-Support
12	99-9120	1	Gasket-Oil Strainer
13	99-9121	1	Gasket-Oil Pan
14	99-9650	1	Dipstick
15	99-9676	1	Pan-Oil

Ref. No.	Part No.	Qty.	Description

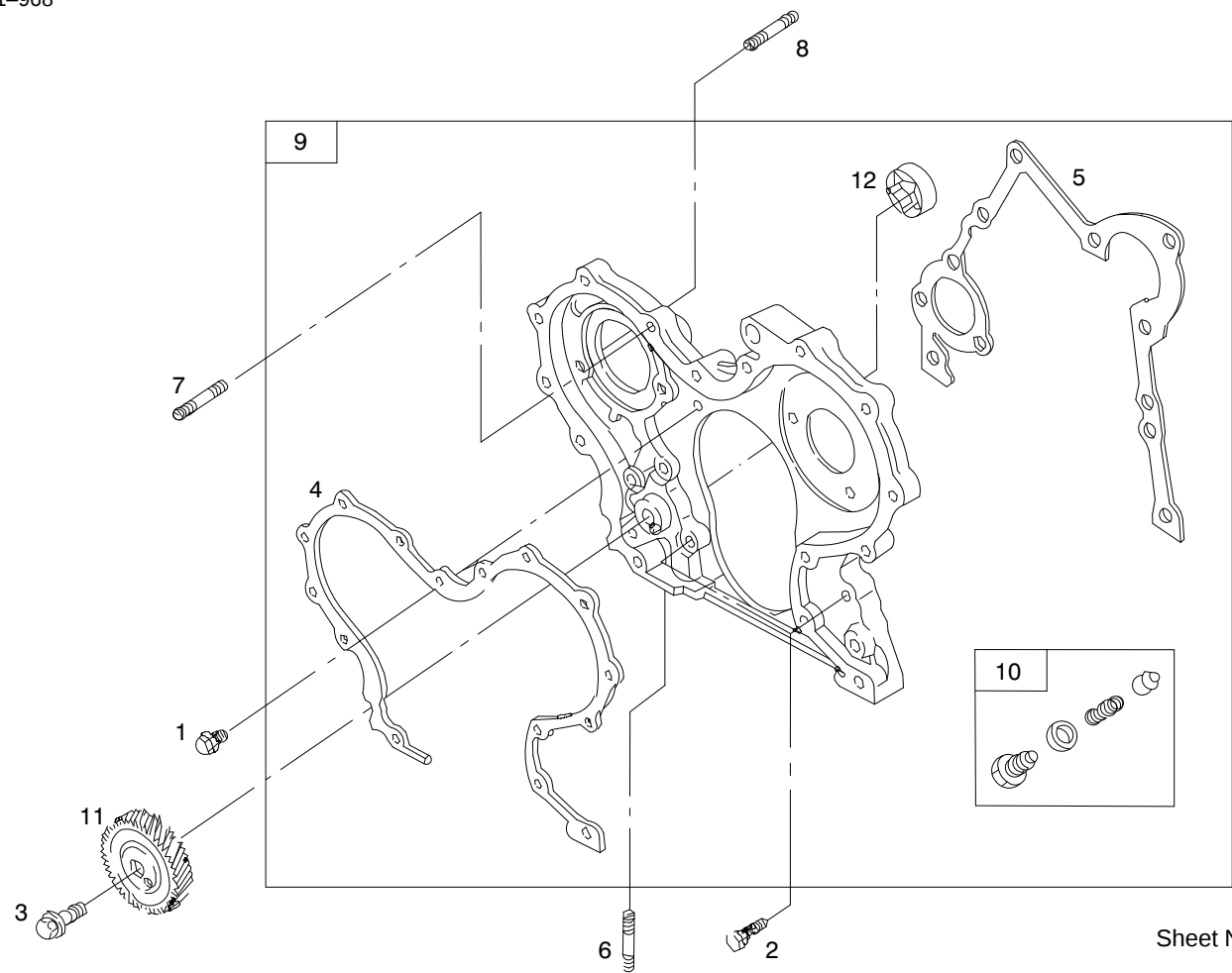


Sheet No.:9b

Engine Assembly (Serial No. 9900001–9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9126	1	Seal-Oil
2	99-9651	2	Screw-6mm Hex
3	99-9128	9	Screw-6mm Hex
4	99-9129	3	Screw-6mm Hex
5	99-9652	1	Cover-Assembly-Gar
6	99-9653	1	Gasket-Gear Cover
7	99-9114	2	Nut-Metric Hex
8	99-9014	1	Pin-Locating

Ref. No.	Part No.	Qty.	Description

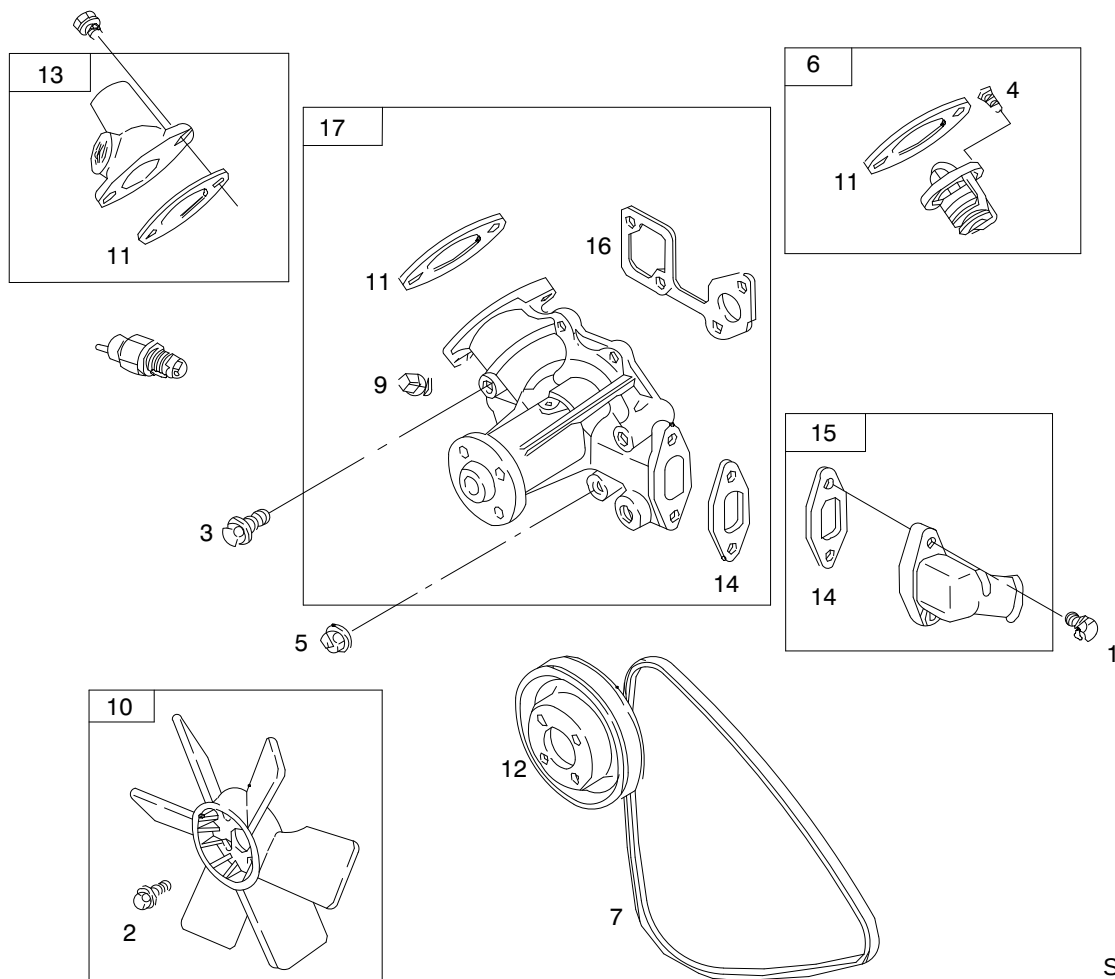


Sheet No.:10b

Engine Assembly (Serial No. 9900001-9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9134	1	Screw-6mm Hex
2	99-9133	4	Screw-6mm Hex
3	99-9135	1	Screw-8mm Hex
4	99-9653	1	Gasket-Gear Cover
5	99-9136	1	Gasket-Gear Cover
6	99-9007	1	Stud-Metric
7	99-9137	2	Stud-Metric
8	99-9654	2	Stud-Metric
9	99-9655	1	Housing-Gear
10	99-9142	1	Valve-Oil Relief
11	99-9148	1	Gear-Drive
12	99-9694	1	Pump-Oil

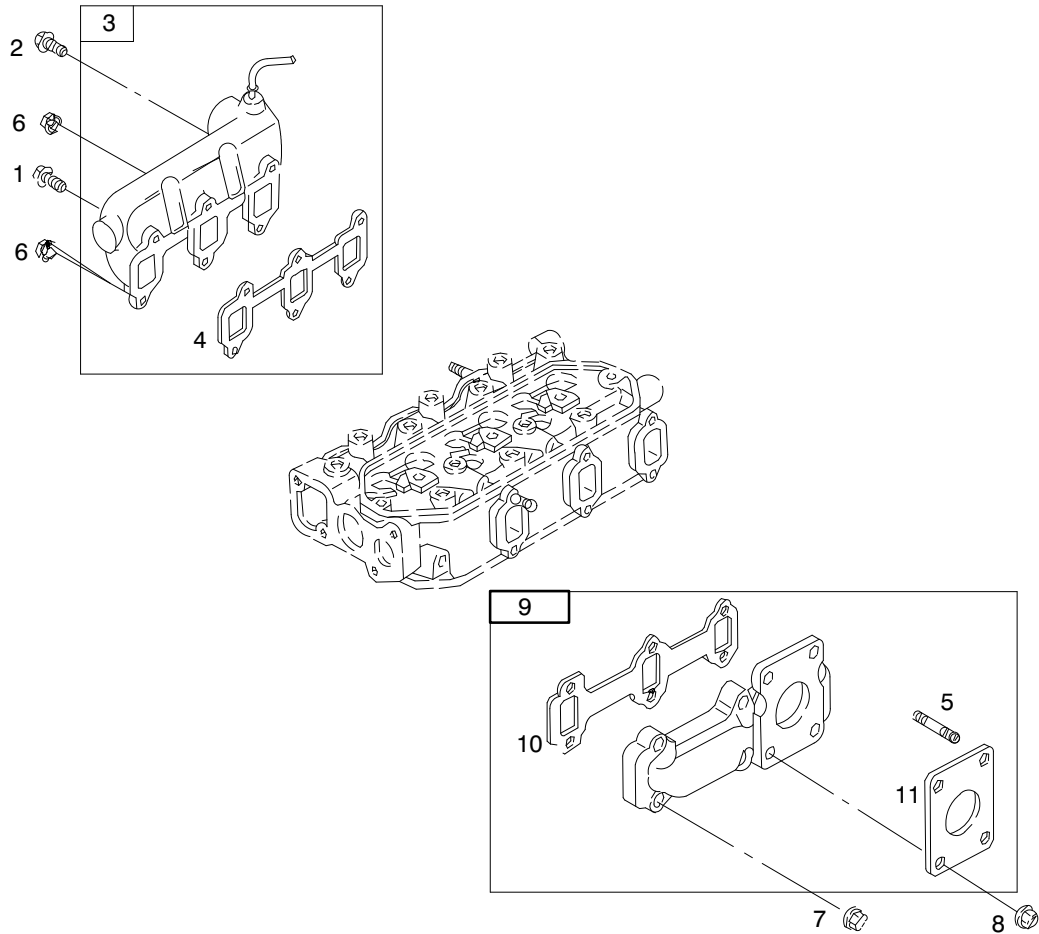
Ref. No.	Part No.	Qty.	Description



Sheet No.:11b

Engine Assembly (Serial No. 9900001–9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9004	4	Screw-Hex
2	99-9111	4	Screw-6mm Hex
3	99-9151	2	Screw-8mm Hex
4	99-9152	1	Screw-Metric
5	99-9153	1	Nut-Metric Hex
6	99-9155	1	Thermostat
7	99-9156	1	Belt-Vee
8	99-9157	1	Switch-Water Temp.
9	99-9159	1	Plug
10	99-9657	1	Fan-Radiator
11	99-9163	1	Gasket-Outlet
12	99-9164	1	Pulley-Pump
13	99-9658	1	Housing-Outlet
14	99-9166	1	Gasket-Inlet Housing
15	99-9167	1	Housing-Inlet
16	99-9168	1	Gasket-Water Pump
17	99-9659	1	Pump-Water

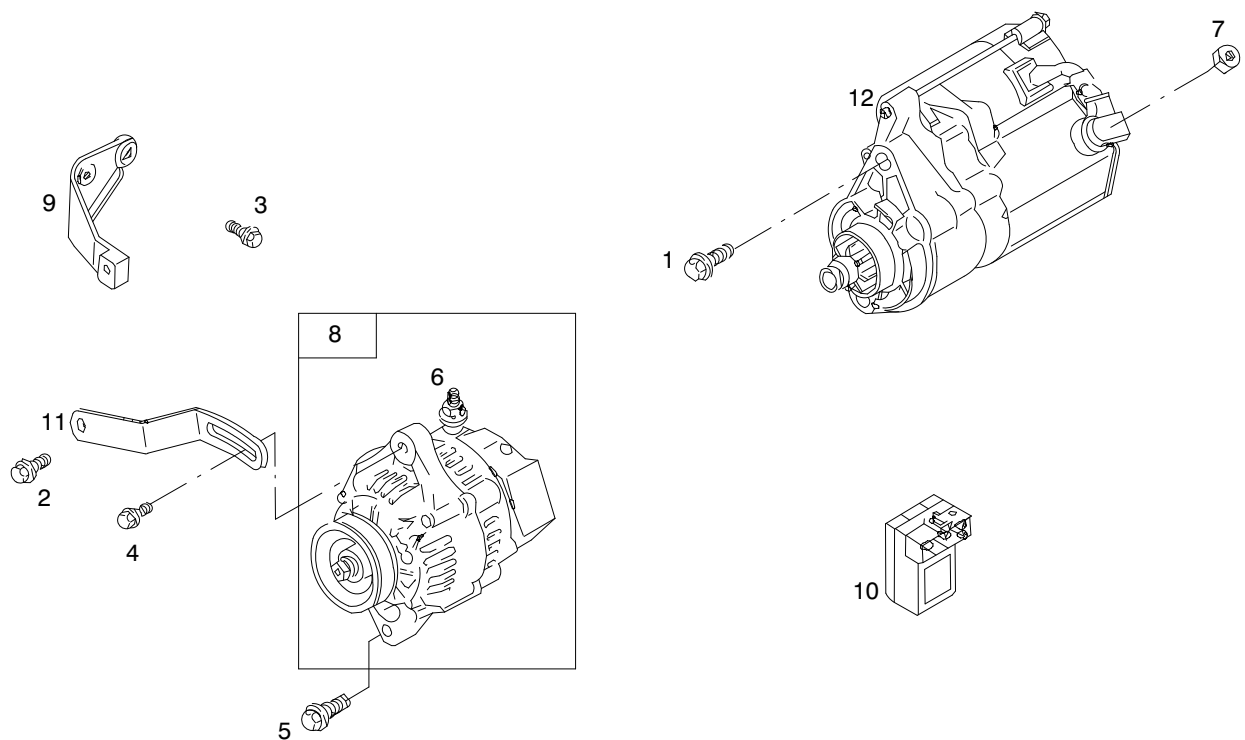


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Engine Assembly (Serial No. 9900001-9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9004	1	Screw-Hex
2	99-9660	3	Screw-6mm Hex
3	99-9661	1	Manifold-Intake
4	99-9662	1	Gasket-Intake
5	99-9677	4	Stud-Exhaust
6	99-9114	2	Nut-Metric Hex
7	99-9175	6	Nut-Metric Hex
8	99-9176	4	Nut-Metric Hex
9	99-9177	1	Manifold-Exhaust
10	99-9178	1	Gasket-Exhaust
11	99-9179	1	Gasket-Exhaust

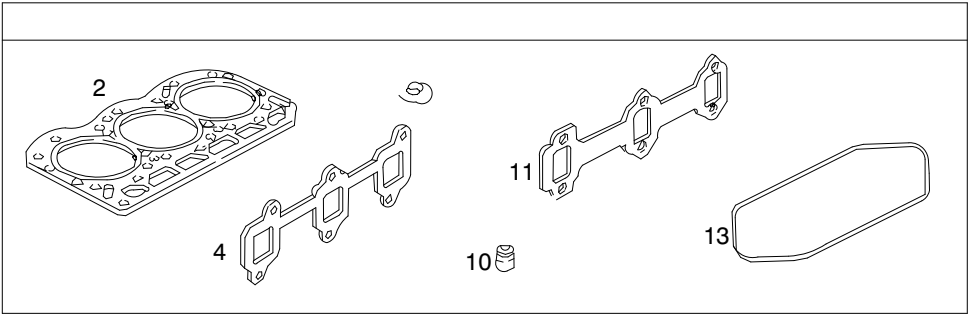
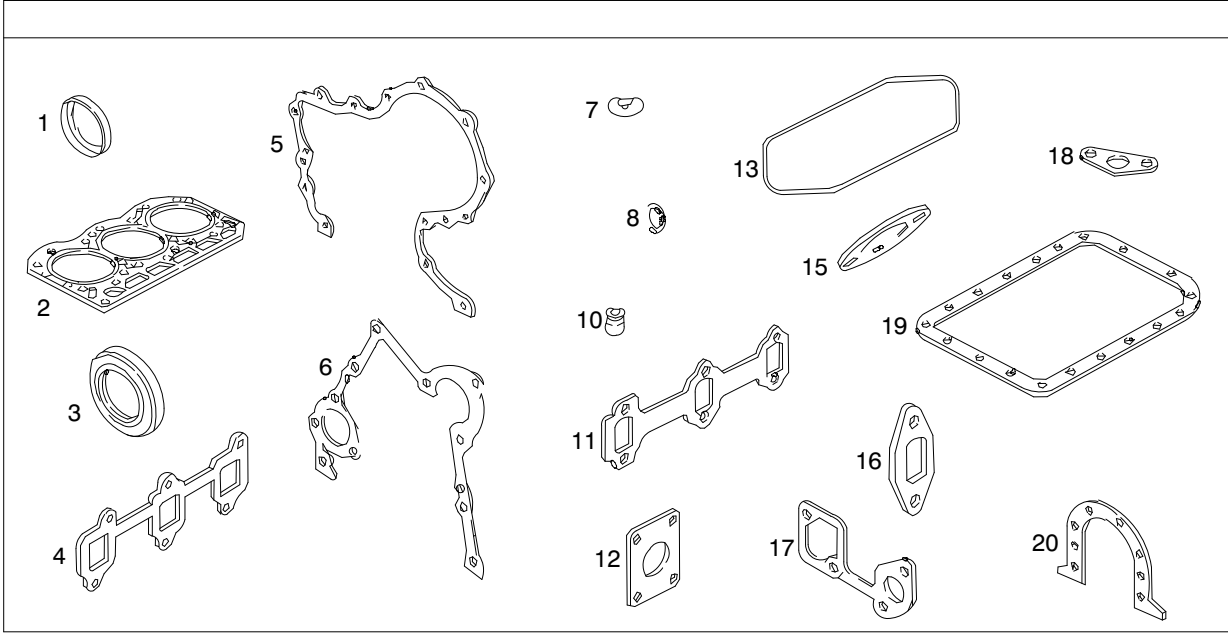
Ref. No.	Part No.	Qty.	Description



Sheet No.:13b

Engine Assembly (Serial No. 9900001-9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	99-9201	2	Screw-10mm Hex				
2	99-9202	1	Screw-8mm Hex				
3	99-9203	2	Screw-8mm Hex				
4	99-9204	1	Screw-Metric Hex				
5	99-9205	1	Screw-Metric Hex				
6	99-9114	1	Nut-Metric Hex				
7	99-9206	1	Nut-Metric Hex				
8	99-9209	1	Alternator				
9	99-9211	1	Bracket-Support				
10	99-9666	1	Module				
11	99-9212	1	Bracket-Adjusting				
12	99-9693	1	Motor-Starter				



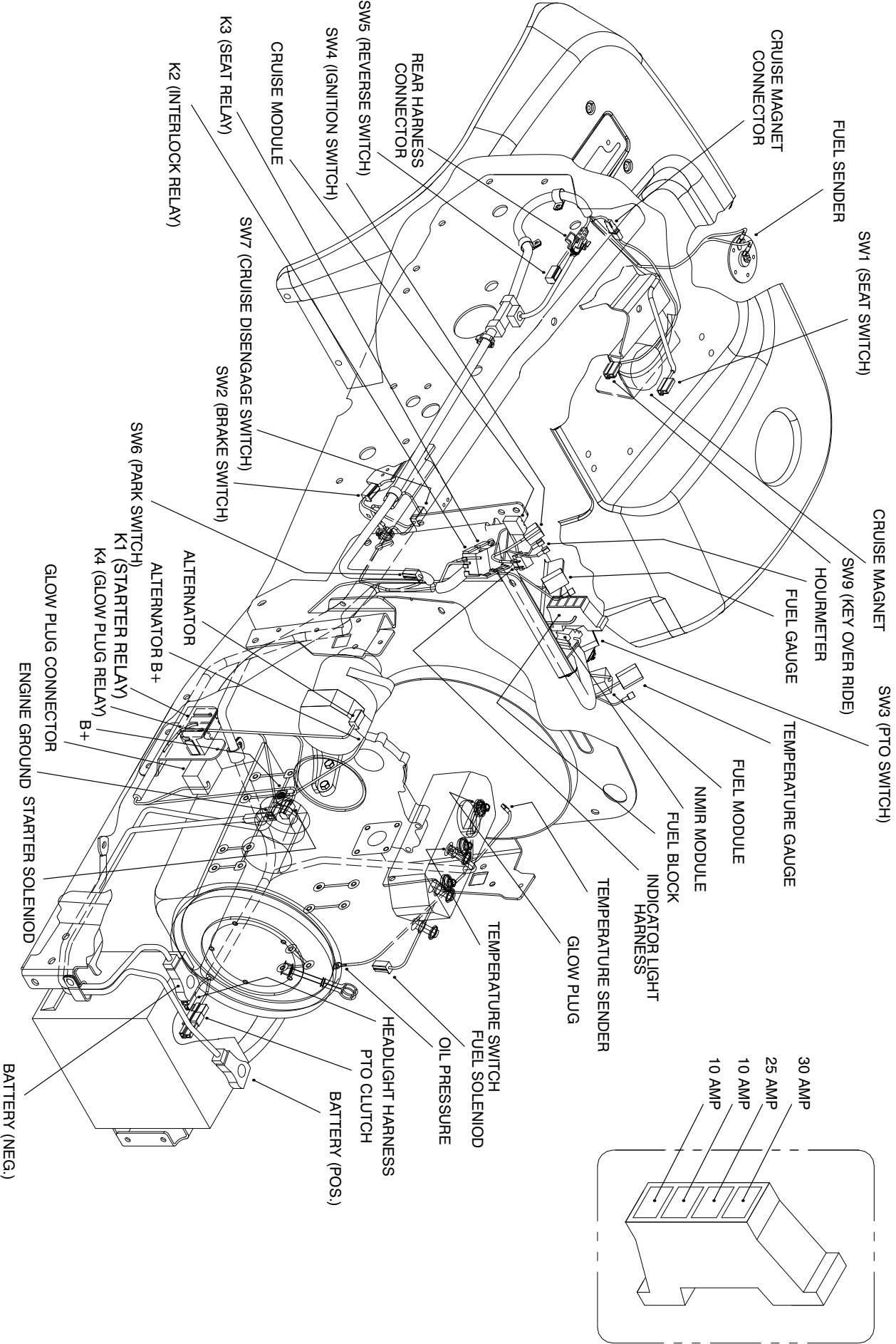
Sheet No.:14b

Engine Assembly (Serial No. 9900001-9900130) (Model 73590)

Ref. No.	Part No.	Qty.	Description
1	99-9003	1	Seal-Oil
2	99-9673	1	Gasket-Cylinder Head
3	99-9126	1	Seal-Oil
4	99-9662	1	Gasket-Intake
5	99-9653	1	Gasket-Gear Cover
6	99-9136	1	Gasket-Gear Cover
7	99-9063	1	Washer-Seal
8	99-9645	1	Washer-Seal
9	99-9678	1	Gasket-Set
10	99-9643	1	Seal-Valve
11	99-9178	1	Gasket-Exhaust
12	99-9179	1	Gasket-Exhaust
13	99-9073	1	Gasket-Rocker Cover
14	99-9679	1	Kit-Valve Overhaul
15	99-9163	1	Gasket-Outlet
16	99-9166	1	Gasket-Inlet Housing
17	99-9168	1	Gasket-Water Pump
18	99-9120	1	Gasket-Oil Strainer
19	99-9121	1	Gasket-Oil Pan
20	99-9021	1	Gasket-retainer

Ref. No.	Part No.	Qty.	Description

Electrical Wiring Diagram





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