Form No. 3325–561

Wheel Horse®

523Dxi Garden Tractor
523Dxi Euro Garden Tractor

Model No. 73552–210000001 and Up
Model No. 73590–210000001 and Up

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

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

Reference Numbers Indicating Quantity

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

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

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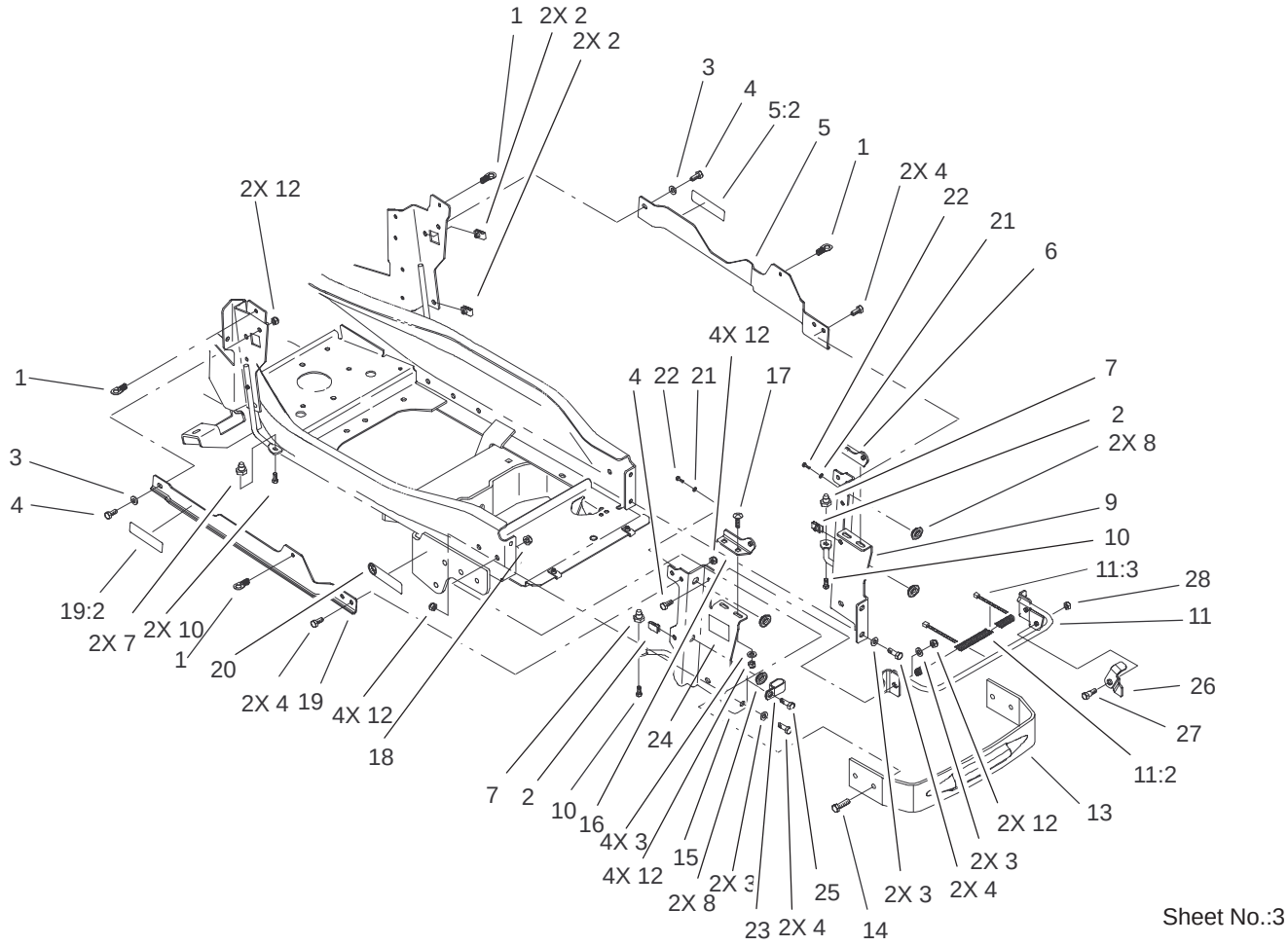
Accessories

Description	Model / Part No.
42” Rear Discharge Mower (Model No. 73552 Only)	Model No. 78353
42” Rear Discharge Low Cut Mower (Model No. 73590 Only)	Model No. 78442
44” Side Discharge Mower (Model No. 73553 Only)	Model No. 78357
44” Side Discharge Low Cut Mower (Model No. 73590 Only)	Model No. 78444
48” Side Discharge Mower (Model No. 73552 Only)	Model No. 78363
48” Side Discharge Low Cut Mower (Model No. 73590 Only)	Model No. 78448
52” Side Discharge Mower (Model No. 73552 Only)	Model No.78370
52” Side Discharge Low Cut Mower (Model No. 73590 Only)	Model No. 78452
60” Side Discharge Mower (Model No. 73552 Only)	Model No. 78395
60” Side Discharge Low Cut Mower (Model No. 73590 Only)	Model No. 78469

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
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
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	Torx truss head
WH	wing head

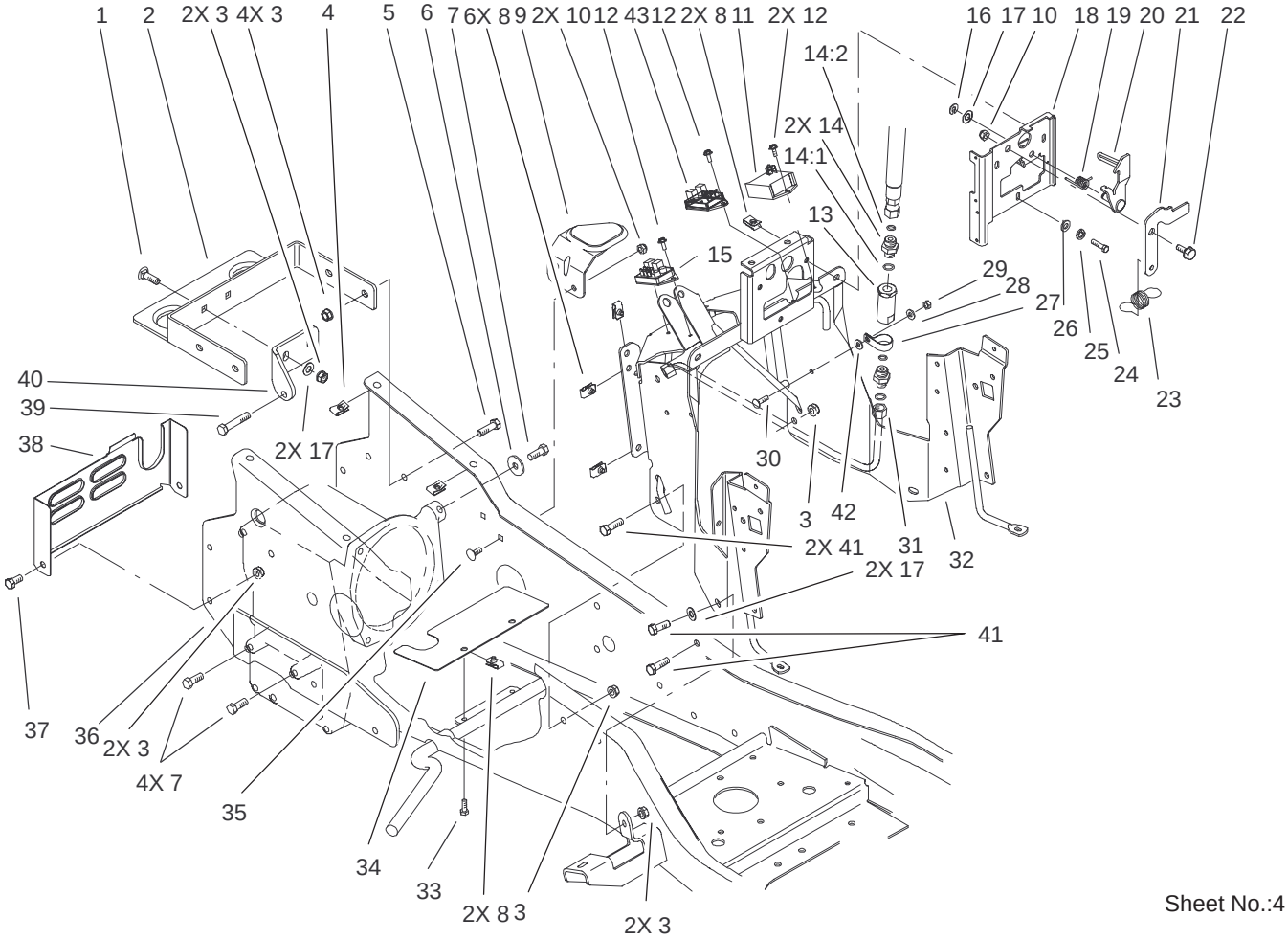


Sheet No.:3

Bumper & Hood Support

Ref. No.	Part No.	Qty.	Description
1	95–4013	4	Latch ASM
2	107069	6	Clip
3	3256–23	12	Washer–Flat
4	322–3	11	Screw–HH
5	98–5070	1	Support ASM (only on: 73590)
5	98–5064	1	Support ASM (only on: 73552)
5:2	98–5015	1	Decal – Warning (only on: 73590)
5:2	98–5014	1	Decal – Warning (only on: 73552)
6	98–9026–03	1	Bracket–Hinge, Lower LH
7	95–3989	4	Mount–Sidepanel
8	94–7910	4	Grommet
9	95–4082–03	1	Support–Hood LH
10	46–8093	4	Screw–Plastite
11	99–5305	1	Support–Hood ASM
11:2	95–4258	1	Cover – Brace
11:3	614249	2	Tie–Strap
12	3296–29	16	Nut–Lock
13	94–2308–03	1	Bumper – Frame
14	323–7	4	Screw–HH
15	95–4081–03	1	Support–Hood RH

Ref. No.	Part No.	Qty.	Description
16	98–9027–03	1	Bracket–Hinge, Lower RH
17	3230–16	4	Screw–CARR
18	3296–39	4	Nut–Lock, NI
19	99–5344	1	Support ASM (only on: 73590)
19	99–5345	1	Support ASM (only on: 73552)
19:2	98–5014	1	Decal – Warning (only on: 73552)
19:2	98–5015	1	Decal – Warning (only on: 73590)
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–Surface, Hot
25	322–5	1	Screw–HH
26	98–9015	1	Lever – Hood Prop
27	37–8771	1	Bolt–Shoulder
28	3296–47	1	Nut–Lock, NI

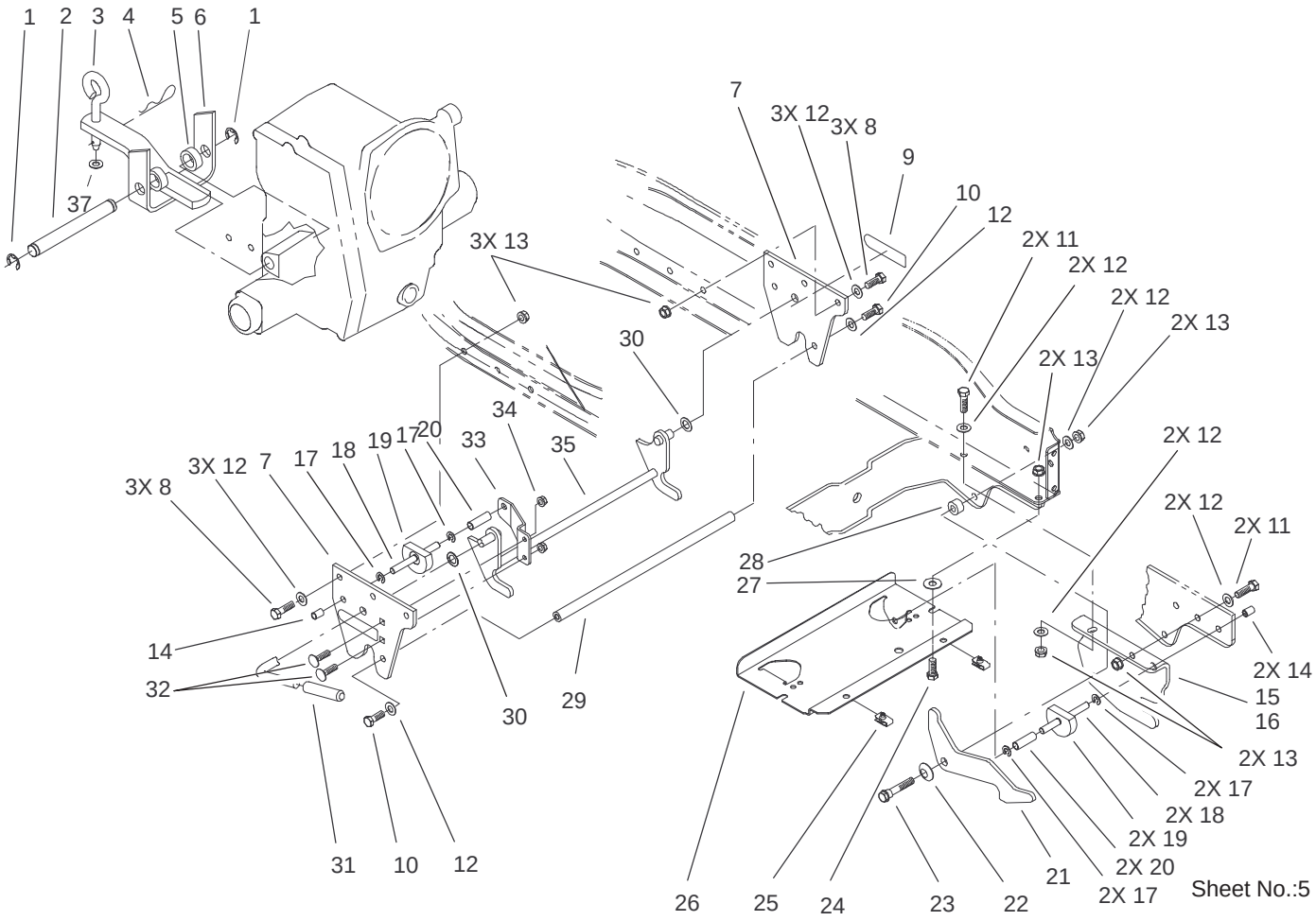


Sheet No.:4

Steering Tower & Fuel Tank Supports Assembly

Ref. No.	Part No.	Qty.	Description
1	3231–25	2	Screw–CARR
2	94–7740–03	1	Support–Gas Tank
3	3296–39	12	Nut–Lock, NI
4	94–2413	4	U–Nut
5	323–7	4	Screw–HH
6	2844	1	Washer
7	3235–22	5	Screw–HH
8	107069	10	Clip
9	95–3961–03	1	Support – Fuel Tank
10	3296–29	3	Nut–Lock
11	99–1939	1	Module–Low Fuel
12	12–5450	4	Screw
13	95–3991	1	Filter – Hydraulic Screen
14	95–4138	2	Fitting–HYD. Straight
14:1	237–22	1	O–Ring
14:2	237–42	1	O–Ring
15	99–3703	1	Module–Cruise
16	105797	1	Ring–Retaining
17	3256–24	5	Washer–Flat
18	95–3892–03	1	Bracket – Latch
19	95–4165	1	Spring – Latch Lever
20	95–3899	1	Lever–Latch
21	95–3900	1	Latch – Tension Lever
22	37–8771	1	Bolt–Shoulder
23	95–3895	1	Spring – Latch Lever

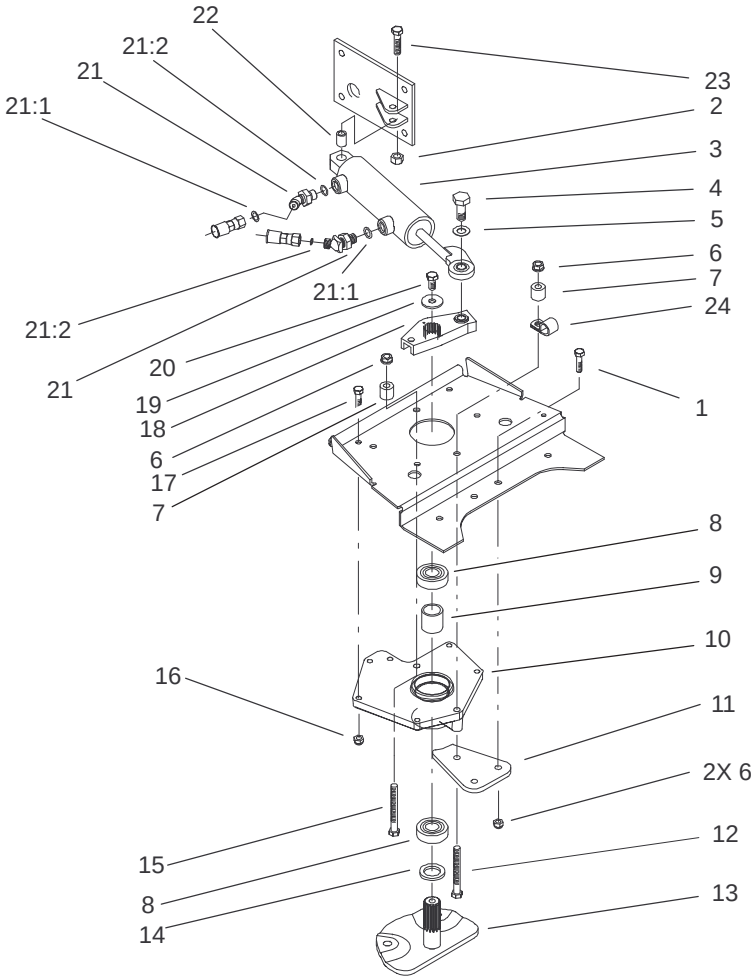
Ref. No.	Part No.	Qty.	Description
24	321–4	3	Screw–HH
25	3253–3	3	Washer–Lock
26	3256–22	3	Washer–Flat
27	2412–106	1	Clamp–R
28	3256–22	1	Washer–Flat
29	3296–42	1	Nut–Lock, NI
30	3229–1	1	Screw–CARR
31	94–7971	1	Tube – Hydraulic
32	99–4441–03	1	Tower ASM
33	321–4	2	Screw–HH
34	95–4246	1	Baffle – Fan
35	3230–20	2	Screw–CARR
36	99–5306–03	1	Frame
37	323–4	2	Screw–HH
38	95–4005–03	1	Cover – Rear
39	94–7972	1	Screw – HH
40	94–7739–03	1	Strap–Torque
41	323–6	4	Screw–HH
42	32115–15	1	Pushnut–Bolt Retainer
43	99–3701	1	Module–Clutch



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
5	9791204	2	Spacer
6	98–8083–03	1	Hitch
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	14	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	Ring–Retaining
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	Bracket–Mid Arm
34	3296–29	2	Nut–Lock
35	94–2250–03	1	Latch
37	3256–26	1	Washer–Flat

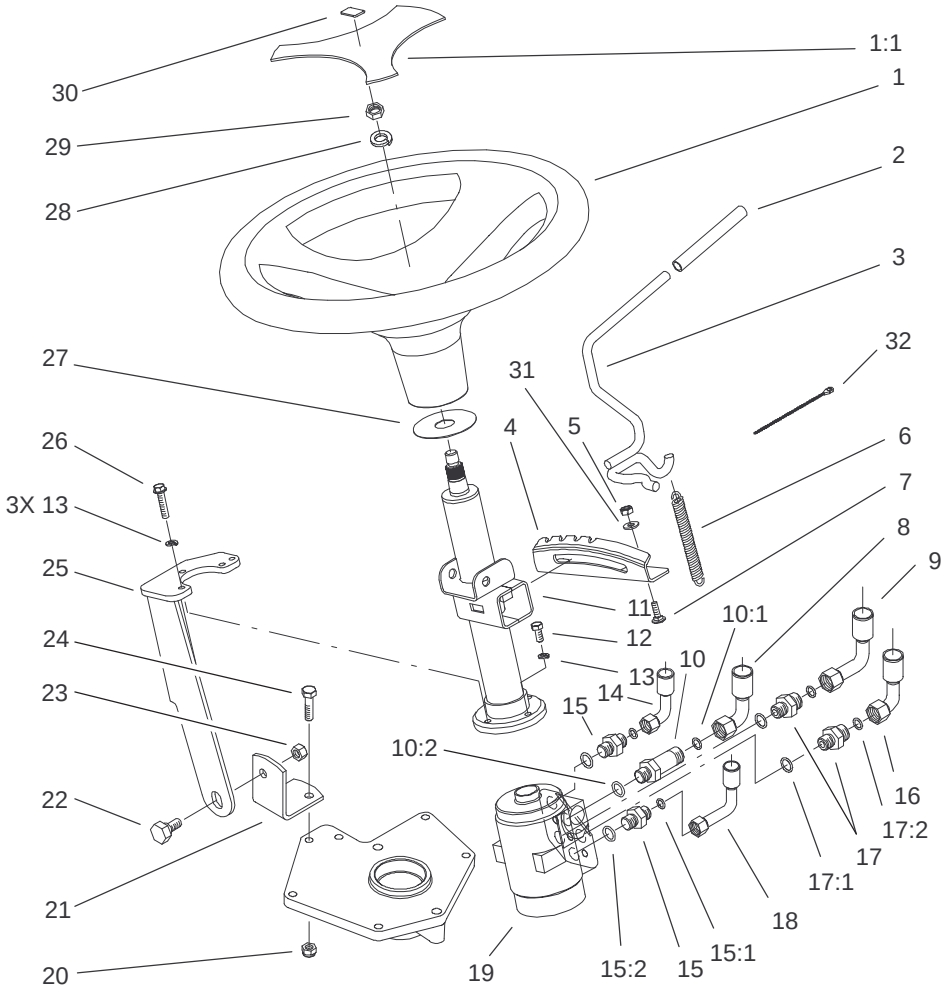


Sheet No.:8

Power Steering Lower Assembly

Ref. No.	Part No.	Qty.	Description
1	323–7	2	Screw–HH
2	108881	1	Nut
3	99–1909	1	Cylinder–Power Steering
4	94–7976	1	Screw–HH
5	98–3087	1	Washer
6	3296–39	4	Nut–Lock, NI
7	94–7819	2	Spacer – Stop
8	251–82	2	Bearing–Ball
9	94–2219	1	Spacer – Power Steering
10	94–7581	1	Housing–Power Steering
11	94–7820–03	1	Plate–Power Steering
12	323–15	1	Screw–HH
13	94–2142–03	1	Shaft–Sector
14	3256–42	1	Washer–Flat
15	323–10	1	Screw–HH
16	3296–29	4	Nut–Lock
17	322–6	4	Screw–HH
18	94–7556	1	Arm–Power Steering, Upper
19	2844	1	Washer
20	98–3052	1	Screw – Thread Locking
21	95–4136	2	Fitting – Hydraulic 45

Ref. No.	Part No.	Qty.	Description
21:1	237–42	1	O–Ring
21:2	237–21	1	O–Ring
22	99–2320	1	Spacer–Cylinder
23	323–9	1	Screw–HH
24	98–2358	1	Clamp – R

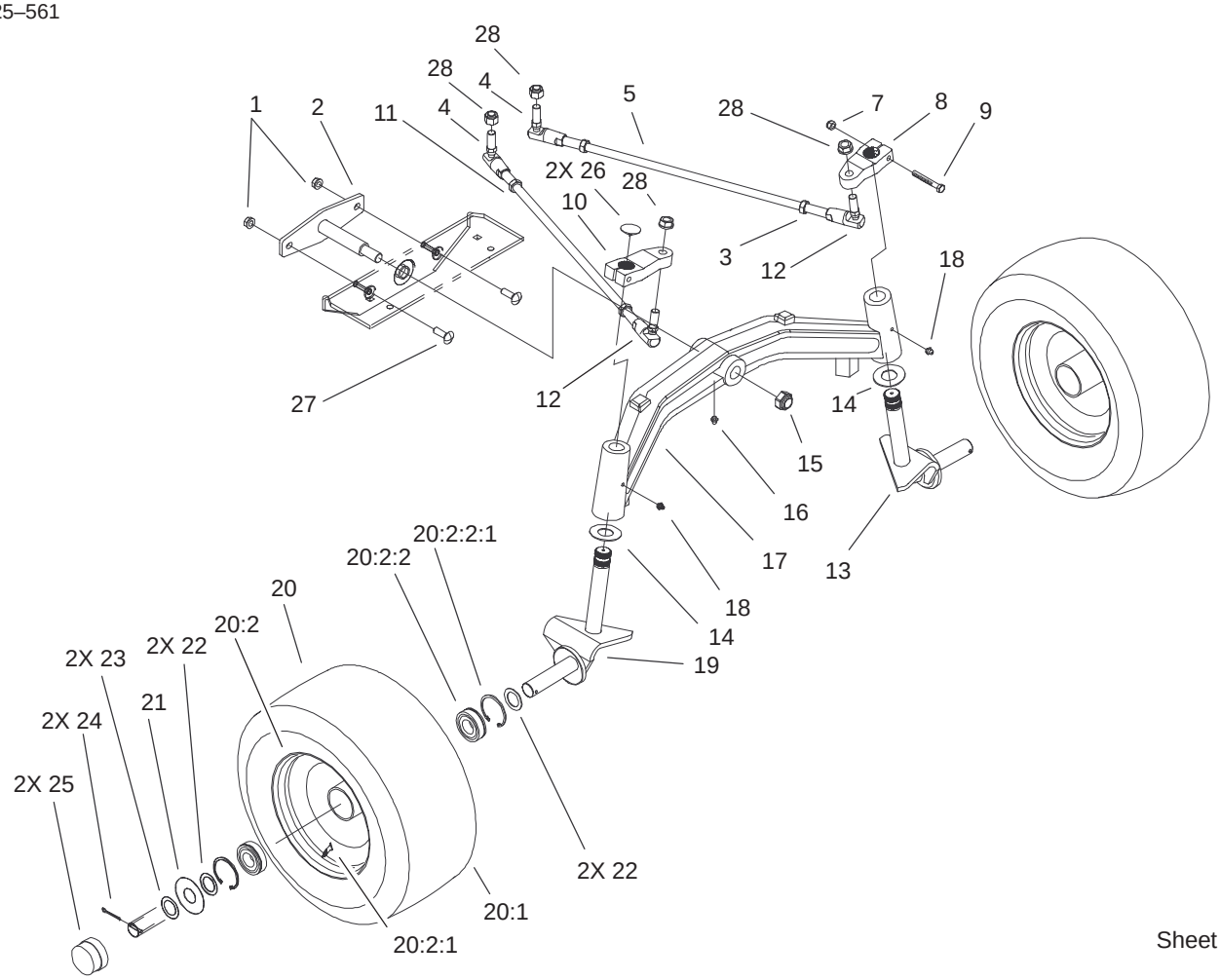


Sheet No.:9

Power Steering & Tilt Assembly

Ref. No.	Part No.	Qty.	Description
1	98–1474	1	Wheel–Steering
1:1	98–1468	1	Cover–Wheel, Steering
2	92–6798	1	Cap–Rod, Tilt
3	95–3964	1	Lever–Tilt
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	Hose–ASM
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	Column–Power
12	33103–020	1	Screw–HHF
13	48–8020	4	Washer–Spring
14	94–7948	1	Hose–ASM
15	340–1	2	Adapter
15:1	237–35	1	O–Ring
15:2	237–42	1	O–Ring
16	95–3807	1	Hose ASM
17	95–4138	2	Fitting–HYD. Straight
17:1	237–22	1	O–Ring
17:2	237–42	1	O–Ring

Ref. No.	Part No.	Qty.	Description
18	94–7946	1	Hose ASM
19	94–7567	1	Control Unit–Power Steering
20	3296–29	2	Nut–Lock
21	94–7599–03	1	Bracket–Pivot
22	94–7582	1	Bolt – Shoulder
23	108881	1	Nut
24	322–6	2	Screw–HH
25	94–7521–03	1	Pivot–Power String
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
32	614249	2	Tie–Strap



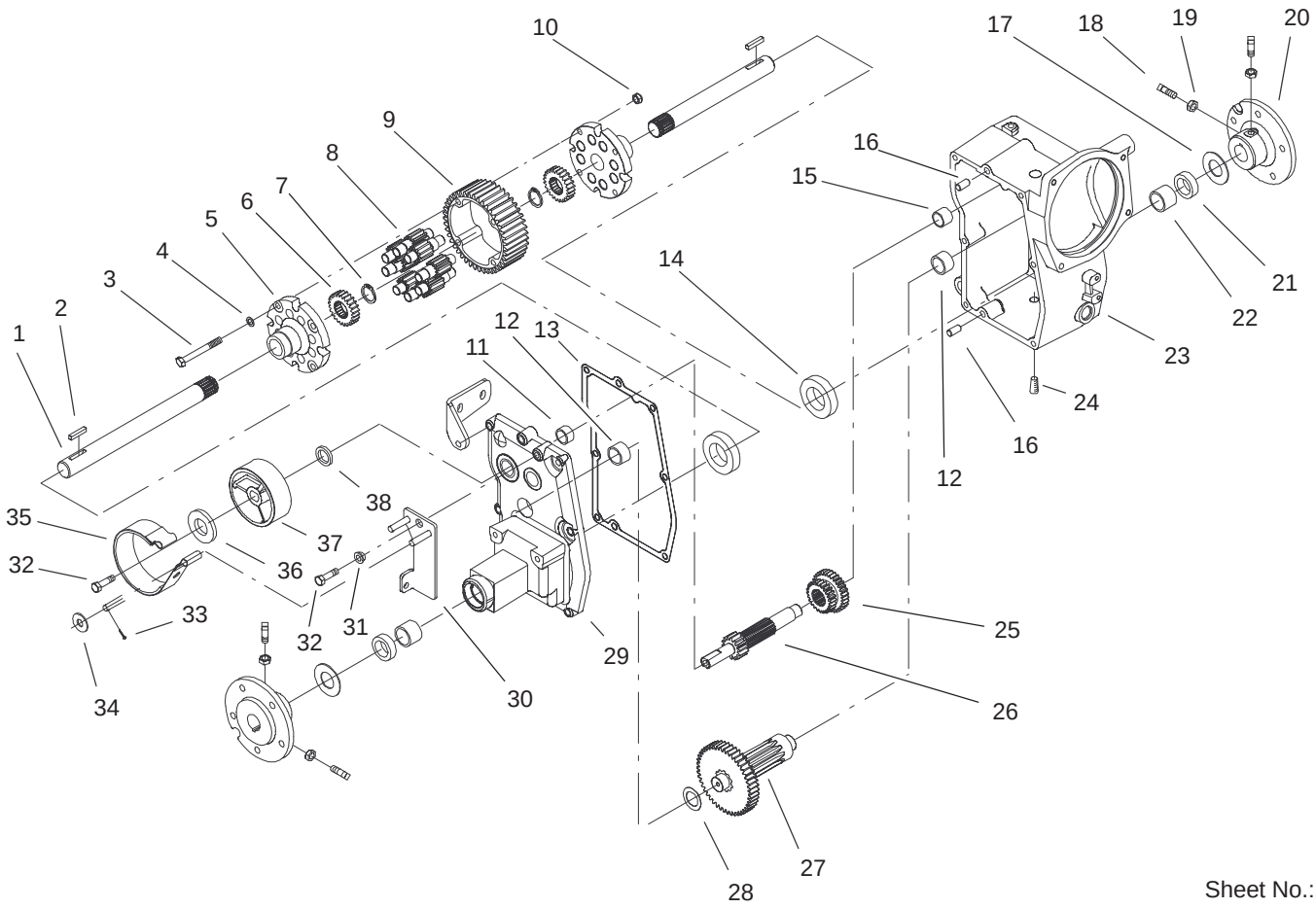
Sheet No.:14

Tie Rods, Spindle & Front Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–39	2	Nut–Lock, NI
2	94–2205–03	1	Pin–Pivot
3	3220–5	2	Nut–HJ
4	94–7539	2	Balljoint – LH Thread
5	100–1121	2	Rod–Tie
7	3296–29	2	Nut–Lock
8	94–2197	1	Arm – Steering LH
9	322–32	2	Screw–HH
10	94–2196	1	Arm – Steering RH
11	3220–12	2	Nut–Jam, LH Thread
12	98–8086	2	Balljoint – RH Thread
13	94–7537–03	1	Spindle–LH
14	9548	2	Washer–Thrust
15	3296–61	1	Nut–Lock
16	302–5	1	Fitting–Grease
17	94–7568–03	1	Axle–Front
18	302–5	2	Fitting–Grease
19	94–7536–03	1	Spindle–RH
20	99–3695	2	Wheel & Tire ASM
20:1	99–3696	1	Tire
20:2	94–7541	1	Rim ASM
20:2:1	5108	1	Valve
20:2:2	94–7538	2	Bearing
20:2:2:1	94–2053	1	Ring–Snap
*	112819	1	Tube–Inner
21	95–4060	2	Washer – Wheel

Ref. No.	Part No.	Qty.	Description
22	9202514	4	Washer
23	9202524	2	Washer
24	3272–18	2	Pin–Cotter
25	94–7871	2	Cap – Dust
26	98–1642	2	Cap – Spindle
27	3231–25	2	Screw–CARR
28	98–8089	4	Nut–Lock

* Not illustrated

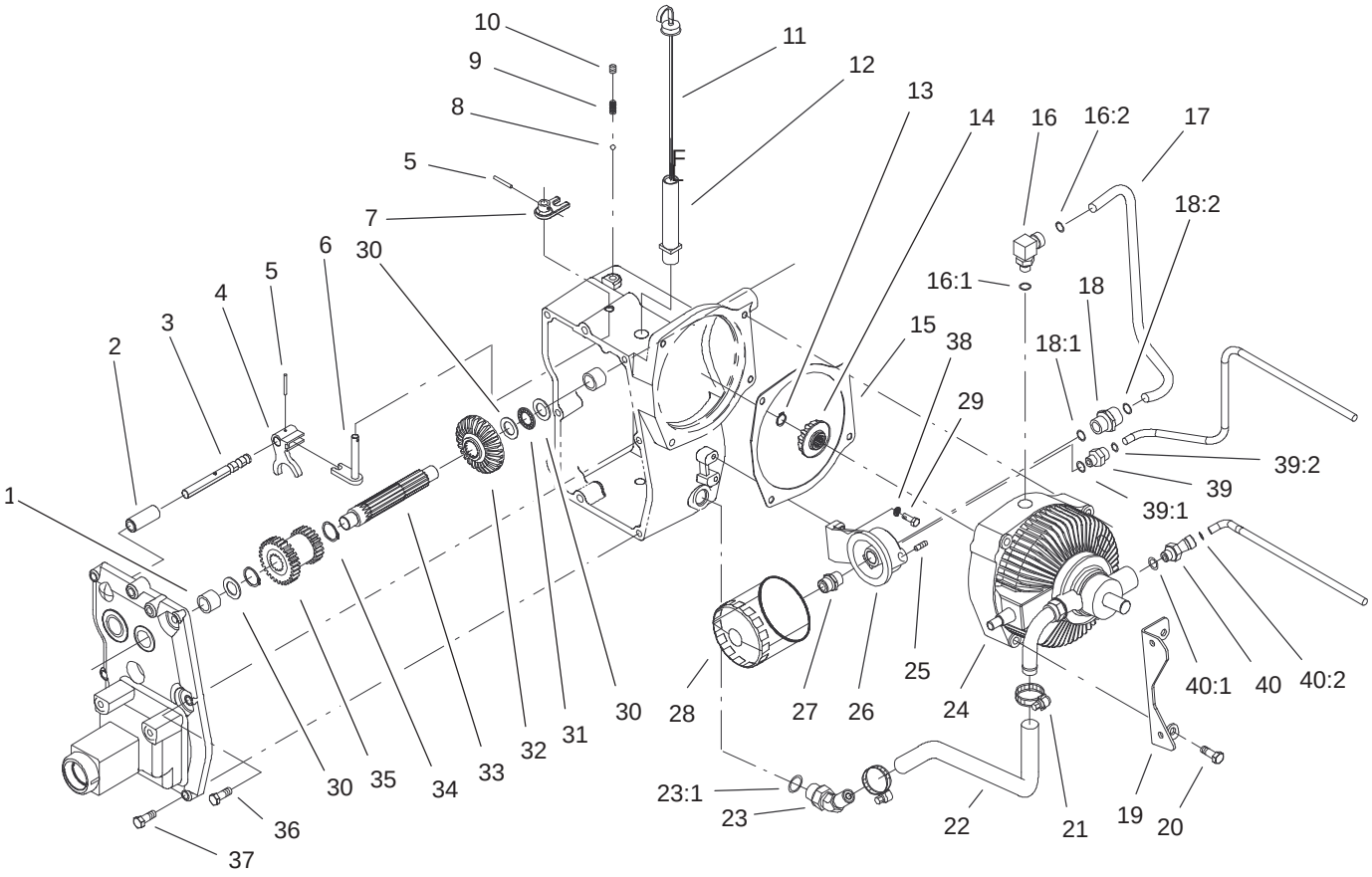


Sheet No.:15

Hydro Transaxle Assembly

Ref. No.	Part No.	Qty.	Description
1	79–3340	2	Axle–Rear
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
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–Wheel
21	6449	2	Seal–Oil
22	9416	2	Bearing
23	94–2001–03	1	Case–LH, Trans
24	99–8551	1	Plug–Pipe
25	94–2008	1	Gear – Sliding

Ref. No.	Part No.	Qty.	Description
26	94–2007	1	Shaft – Brake
27	94–2006	1	Gear ASM
28	9547	1	Washer–Thrust
29	94–2002–03	1	Case–RH, Trans
30	94–2019–03	1	Arm–Brake Pivot
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



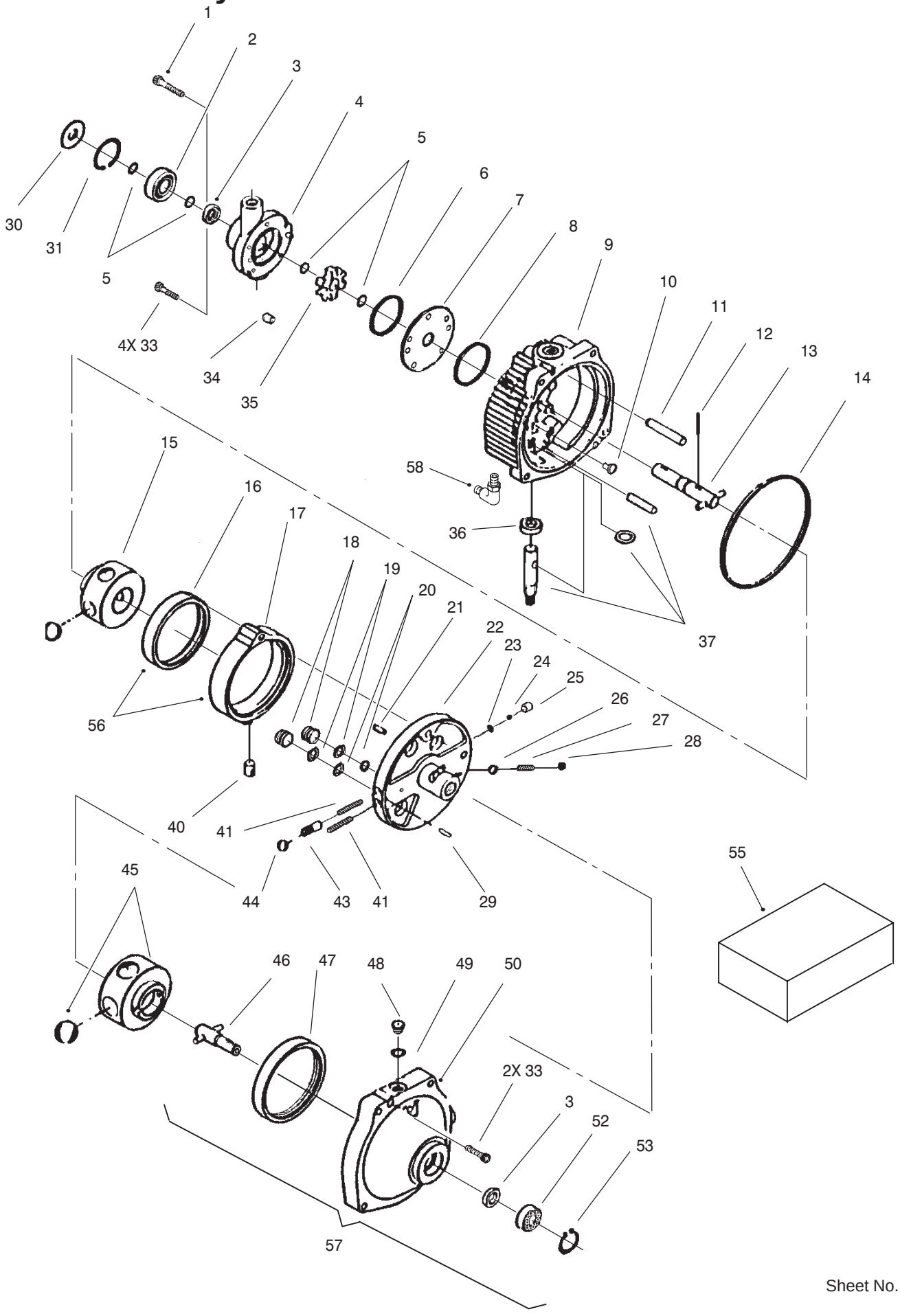
Sheet No.:16

Hydro Trans Axle Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
1	1529	2	Bearing–Needle
2	94–2014	1	Tube – Shifter Rail
3	94–2054	1	Rail – Shift
4	94–2015	1	Fork – Hi/Lo Shift
5	933154	2	Pin–Roll
6	94–2143	1	Arm–Shifter
7	94–7510	1	Shift – Hi/Lo
8	3517	1	Ball–Detent
9	94–2024	1	Spring – Shift Detent
10	3247–2	1	Screw–Hex Socket Set
11	94–7680–03	1	Dipstick
12	94–7559	1	Tube – Dipstick
13	32120–64	1	Ring–Snap, External
14	94–7565	1	Pinion – Bevel
15	702062	1	Gasket–Trans
16	94–7693	1	Fitting 90°
16:1	237–42	1	O–Ring
16:2	237–30	1	O–Ring
17	94–7969	1	Tube – Hydraulic
18	94–7694	1	Fitting–Straight
18:1	237–42	1	O–Ring
18:2	237–30	1	O–Ring
19	94–2148–03	1	Plate–Support Bracket
20	323–13	4	Screw–HH
21	2412–141	2	Clamp–Drive, Worm

Ref. No.	Part No.	Qty.	Description
22	95–4133	1	Hose – Suction
23	94–7692	1	Fitting – Hose
23:1	237–80	1	O–Ring
24	94–2003	1	Transmission – Hydro
25	99–8551	1	Plug–Pipe
26	108323	1	Base–Filter
27	5991	1	Fitting
28	79–5270	1	Oil Filter ASM
29	321–5	2	Screw–HH
30	1535	3	Washer–Thrust
31	8571	1	Bearing–Thrust
32	94–7566	1	Gear – Bevel
33	94–2010	1	Shaft – Input
34	32151–29	2	Ring–Snap, External
35	94–2011	1	Gear – Hi/Lo
36	323–9	3	Screw–HH
37	323–8	2	Screw–HH
38	3253–3	2	Washer–Lock
39	95–4138	1	Fitting–HYD. Straight
39:1	237–22	1	O–Ring
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

Hydro Transmission No. 94–2003

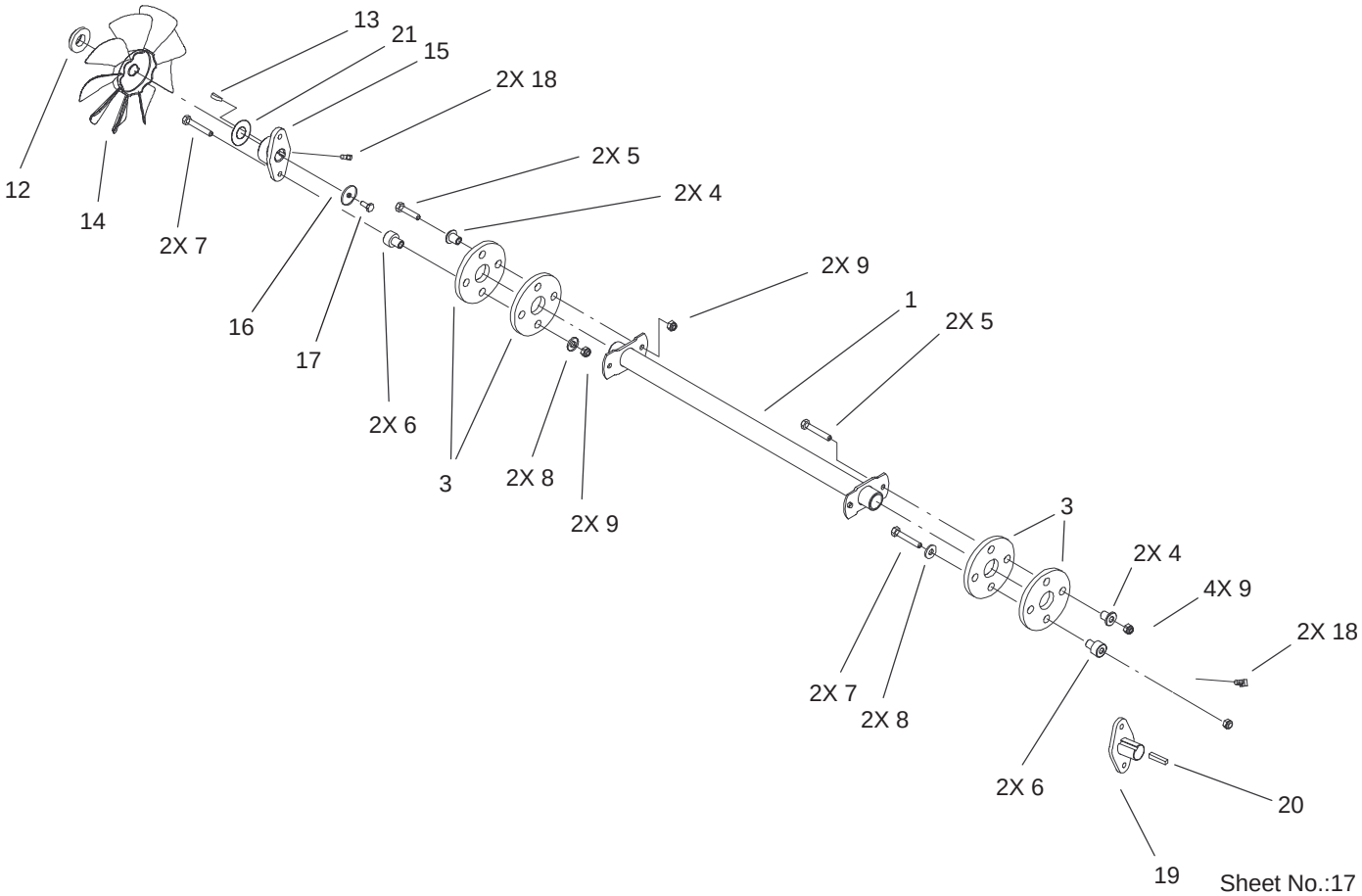


Sheet No.:A1

Hydro Transmission No. 94–2003

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

Ref. No.	Part No.	Qty.	Description

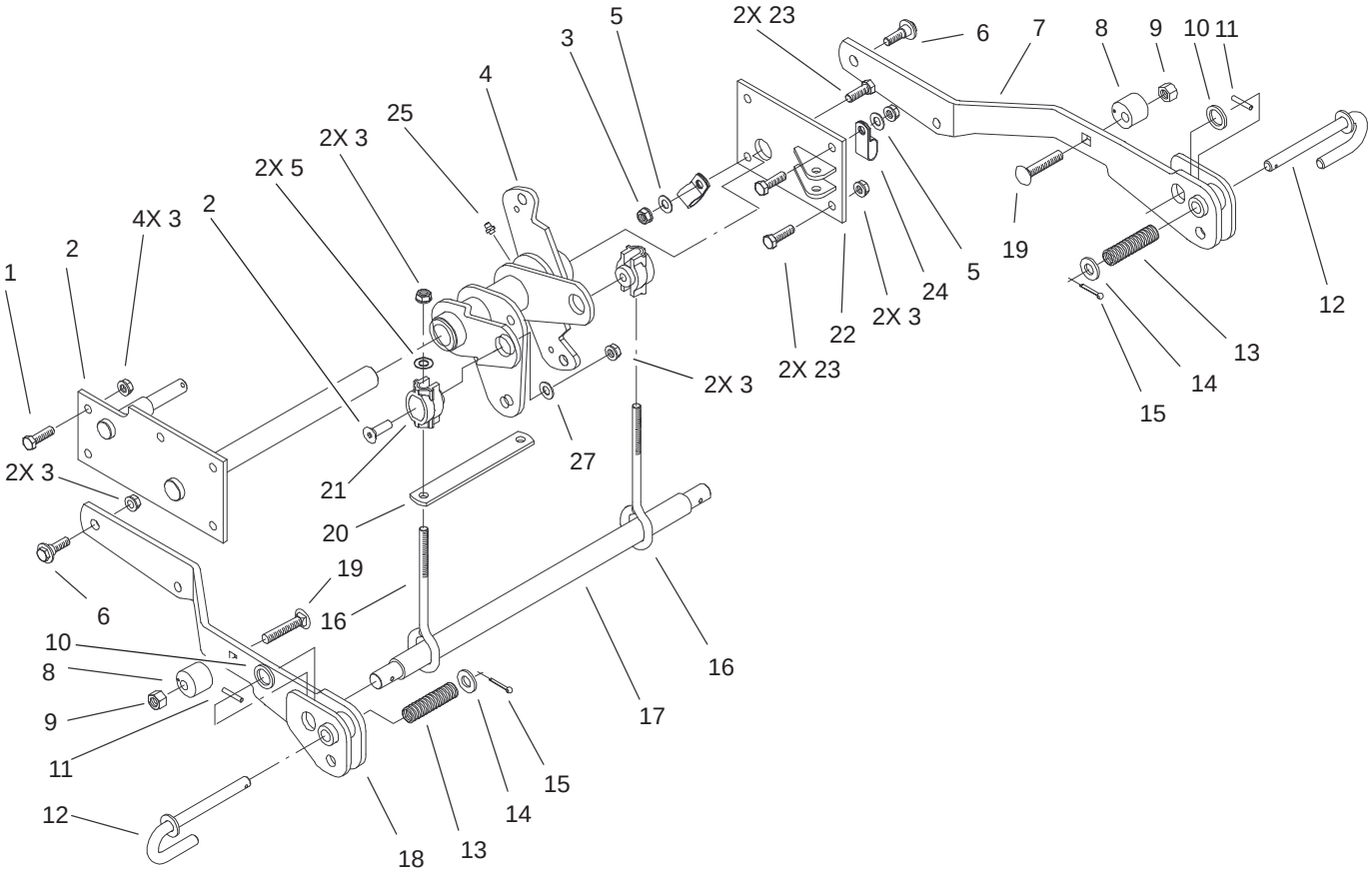


Sheet No.:17

Drive Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	94–2373–03	1	Shaft–Drive
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
12	94–2371	1	Spacer – Fan
13	937089	1	Key
14	95–4223	1	Fan – Hydro
15	99–4405	1	Hub
16	103995	1	Washer
17	94–7955	1	Screw–HH
18	94–7975	4	Screw–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

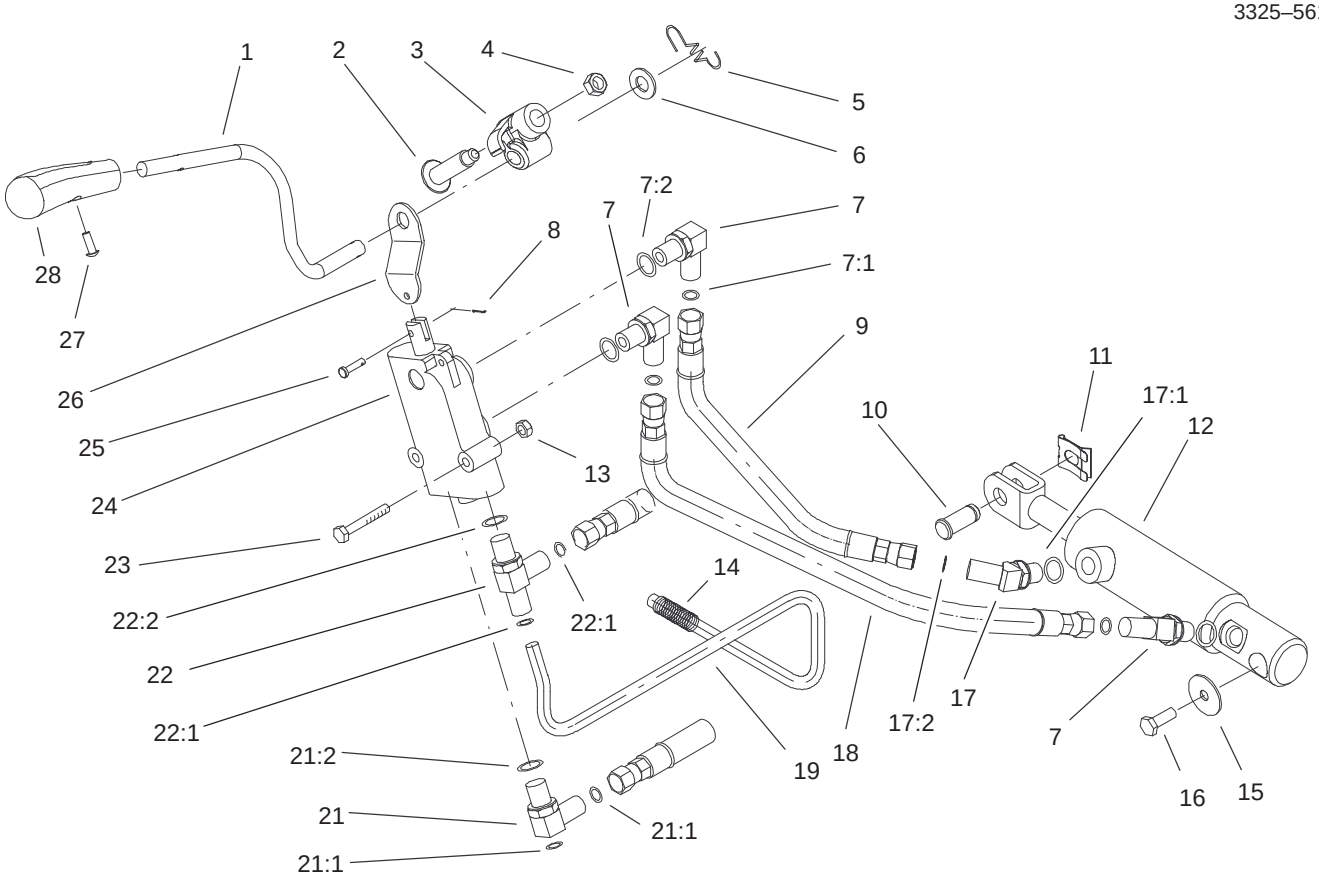


Sheet No.:18

Hydro Lift Lower Assembly

Ref. No.	Part No.	Qty.	Description
1	323–7	5	Screw–HH
2	94–2263–03	1	Support–Deck Lift
3	3296–39	13	Nut–Lock, NI
4	99–4430	1	Bellcrank And Bushing ASM
5	3256–24	4	Washer–Flat
6	614672	2	Bolt–Shoulder
7	94–2279–03	1	Arm–Lift LH
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	104–5079	2	Rod–Lift
17	94–2277–03	1	Bar – Lift
18	94–2278–03	1	Arm–Lift RH
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–Cylinder
23	323–18	4	Screw–HH
24	98–1617	1	Clamp–Tube
25	302–5	1	Fitting–Grease

Ref. No.	Part No.	Qty.	Description
26	99–8051	2	Screw
27	99–6496	2	Washer–Flat

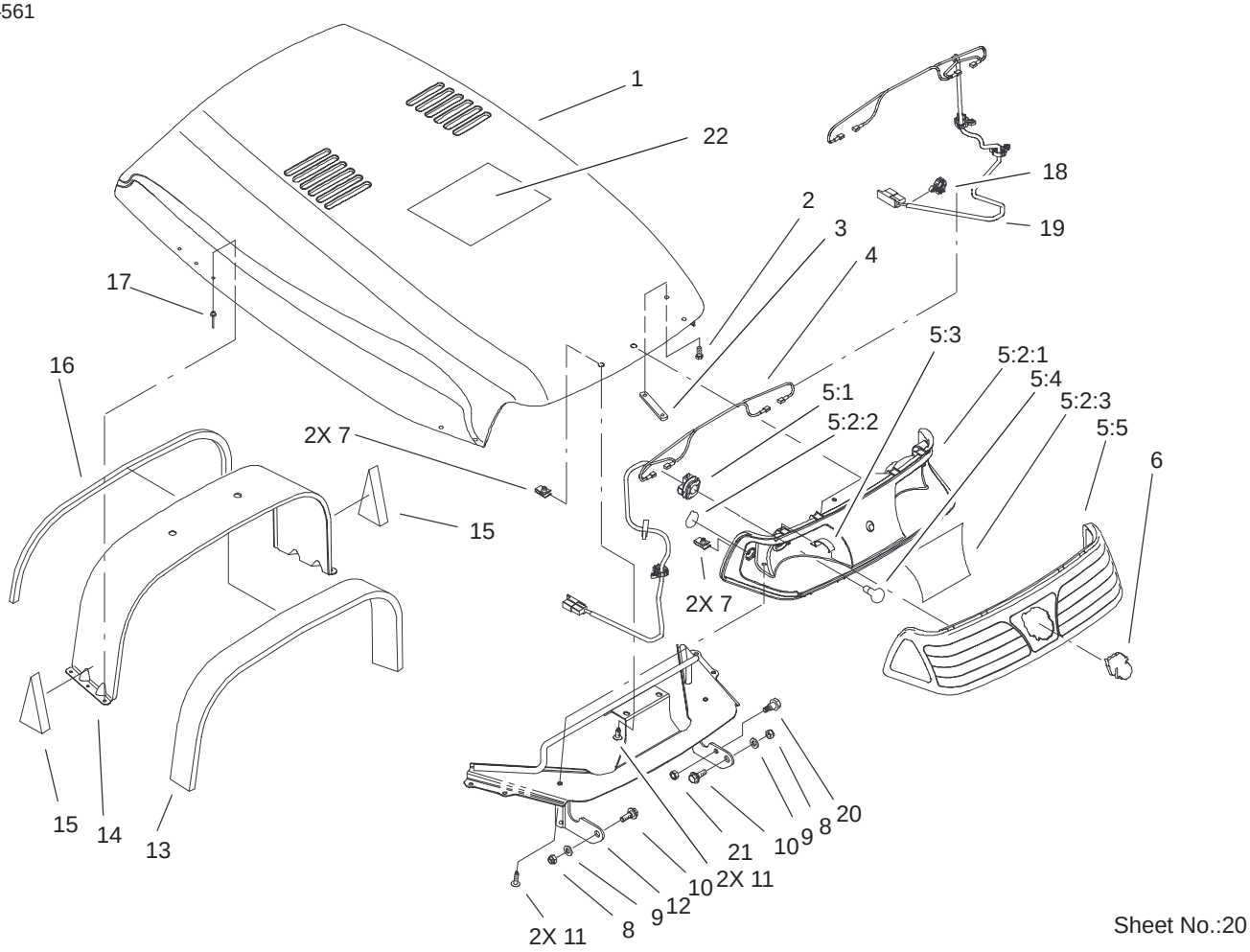


Sheet No.:19

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
7:1	237–21	1	O–Ring
7:2	237–42	1	O–Ring
8	3272–1	1	Pin–Cotter
9	94–7945	1	Hose ASM
10	98–1639	1	Pin–Clevis
11	95–4064	1	Clip–Pin
12	94–2300	1	Lift Cylinder ASM
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	Hose ASM
19	94–7970	1	Tube – Hydraulic
21	95–4140	1	Fitting – Hydraulic 90

Ref. No.	Part No.	Qty.	Description
21:1	237–22	1	O–Ring
21:2	237–42	1	O–Ring
22	95–4134	1	Fitting – Hydraulic Tee
22:1	237–22	1	O–Ring
22:2	237–42	2	O–Ring
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	94–2100	1	Knob – Lift (only on: 73552)
28	95–4106	1	Knob – Lift (only on: 73590)



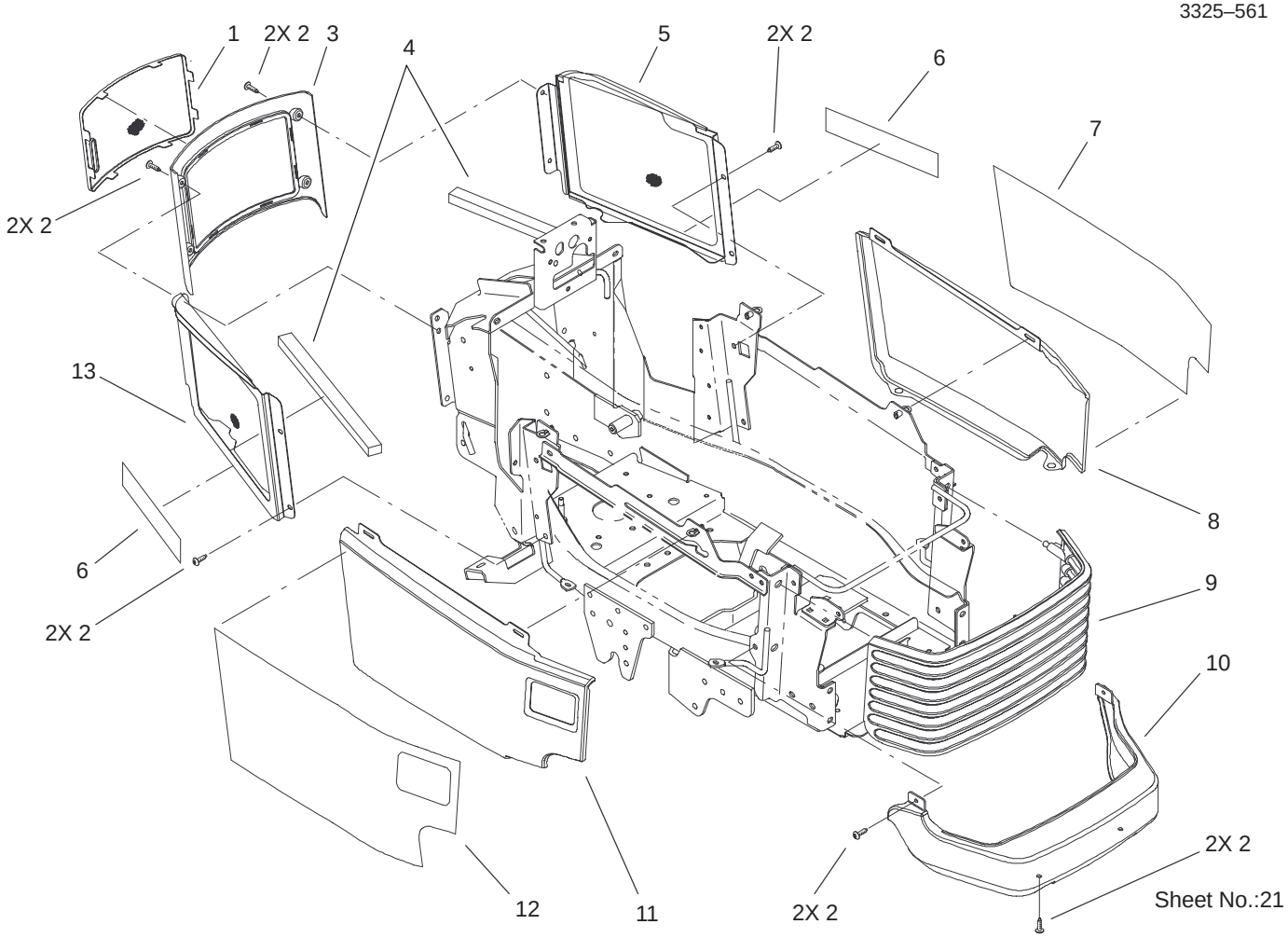
Sheet No.:20

Hood & Headlight Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7205	1	Hood ASM
2	63–8590	4	Screw
3	99–2323	2	Plate–Nut
*5	95–4166	1	Headlight ASM
5:1	98–3591	2	Sealed Socket ASM
*5:2	98–7210	1	Light Reflector ASM
5:2:1	94–2098	1	Reflector – Headlight
5:2:2	98–1602	2	Decal – Sidelight
5:2:3	98–3597	1	Decal–Headlight Reflector
5:3	95–4129	4	Clip – Retainer
5:4	7228	2	Bulb –No. 1156
5:5	94–2099	1	Lens – Headlight
6	95–4248	1	Logo – Horsehead
7	107069	4	Clip
8	3296–29	2	Nut–Lock
9	3256–23	2	Washer–Flat
10	27–0410	2	Screw–Shoulder
11	92–7020	4	Screw–HH
12	99–4962–03	1	Bulkhead–Front
13	95–4078	1	Foam Seal–Rear
14	95–3902–03	1	Bulkhead–Rear
15	95–4259	2	Foam – Lower Bulkhead
16	95–4233	1	Foam – Tape
17	3269–12	6	Rivet–Pop

Ref. No.	Part No.	Qty.	Description
18	98–1810	1	Clip – Convoluted
19	95–0691	1	Harness – Wire,Lights
20	92–6986	1	Bolt – Shoulder
21	3296–47	1	Nut–Lock, NI
22	100–7304	1	Decal (only on: 73552)

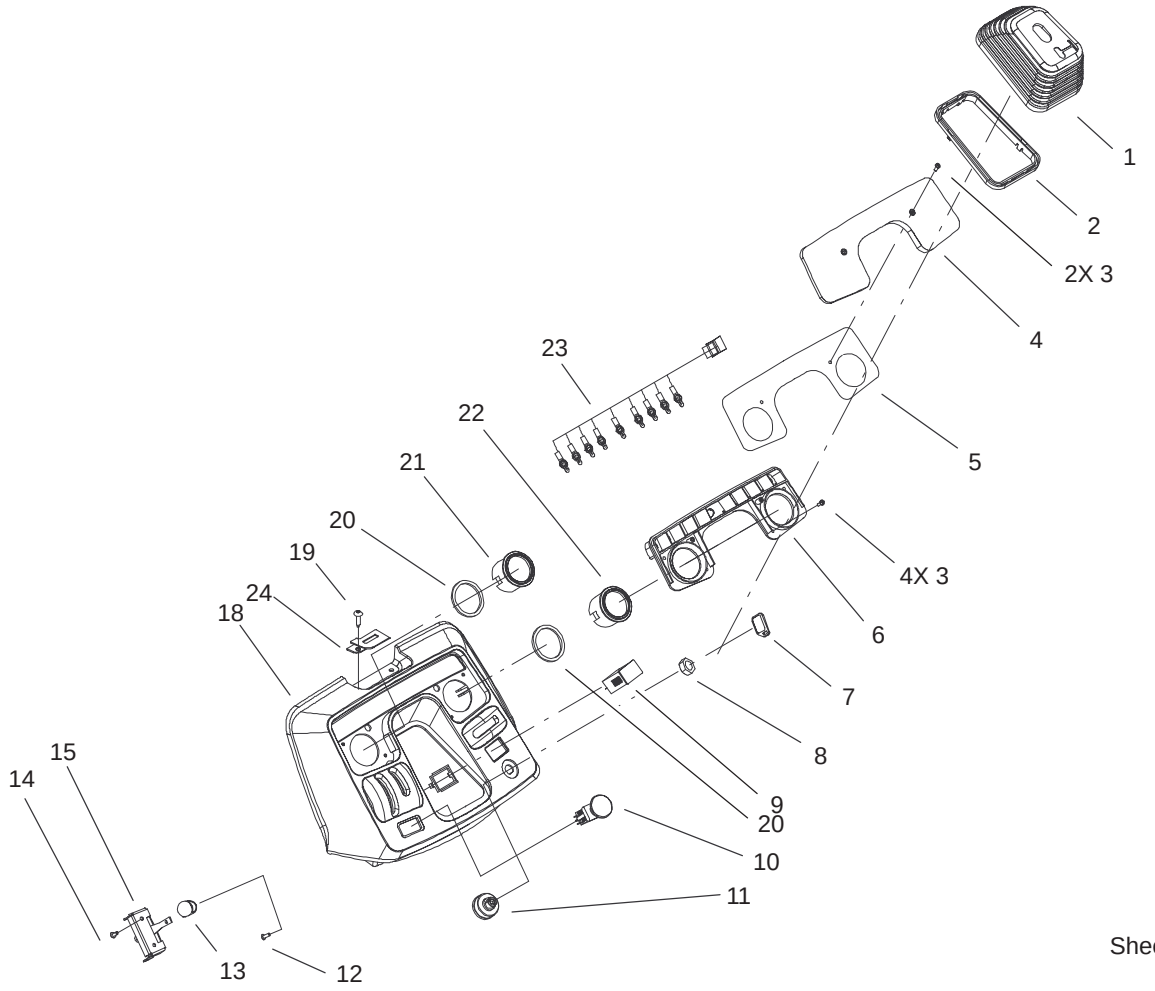
* Not illustrated



Grill & Side Panels Assembly

Ref. No.	Part No.	Qty.	Description
1	98–8714–03	1	Screen – Rear
2	92–7020	12	Screw–HH
3	94–2093	1	Cover – Rear
4	95–4231	2	Foam – Seal, Side Screen
5	95–4114–03	1	Cover–Side LH
6	98–1607	2	Decal – 23d Gt
7	95–4260	1	Decal – Hood LH
8	94–2088–01	1	Sidpnl–LH Hood
9	94–2104	1	Grill
10	94–2103	1	Cover – Bumper
11	94–2087–01	1	Sidepanel–RH Hood
12	95–4261	1	Decal – Hood RH
13	95–4113–03	1	Cover–RH Side

Ref. No.	Part No.	Qty.	Description

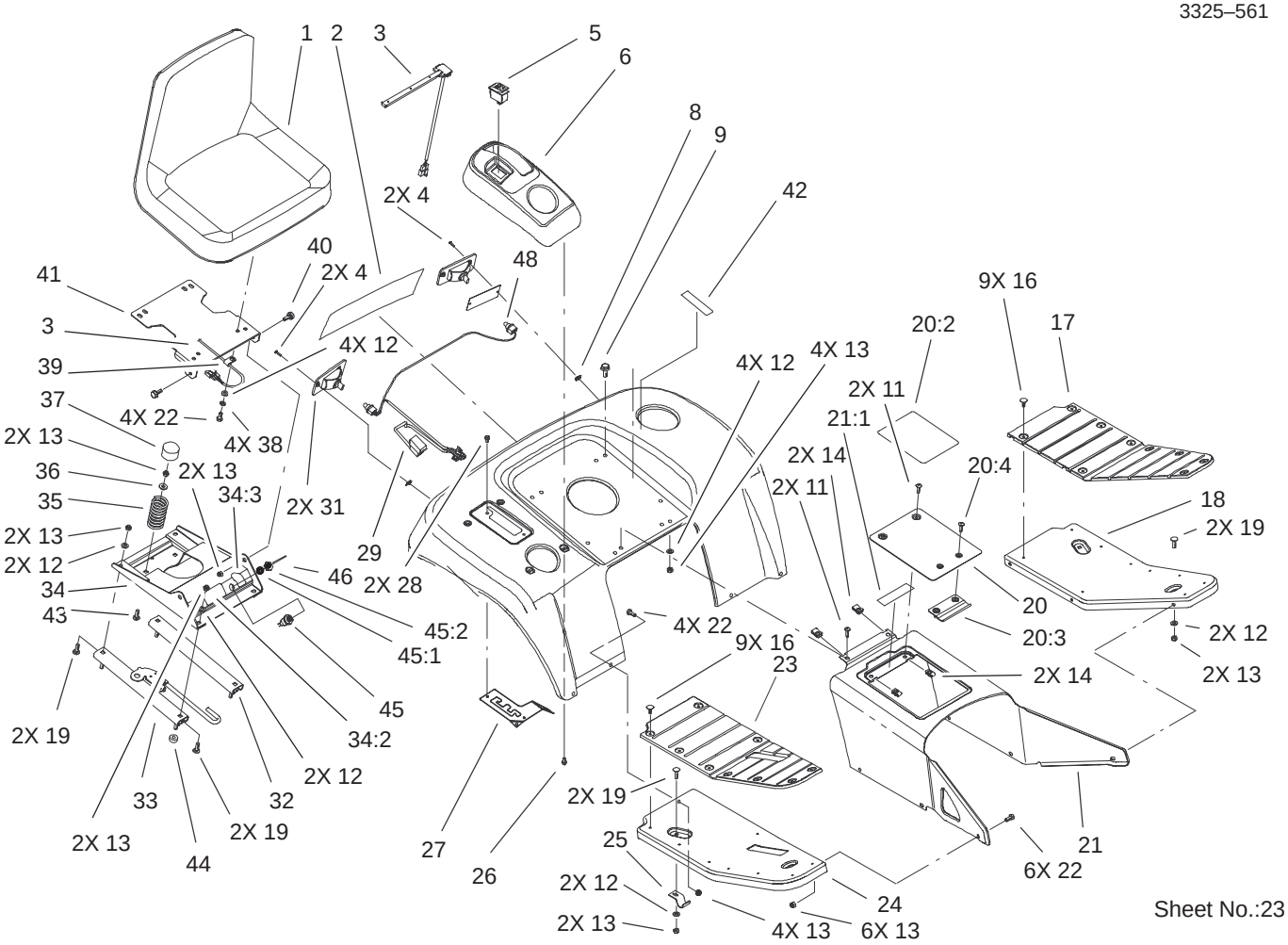


Sheet No.:22

Dash Assembly

Ref. No.	Part No.	Qty.	Description
1	94–2102	1	Boot – Steering
2	95–3844	1	Retainer – Boot
3	95–4234	6	Screw–Pan Hd
4	95–3842	1	Lens – Dash
5	95–4074	1	Decal – Dash Lens
6	95–3843	1	Housing–Light, Dash
7	62–7770	1	Key–Ignition
8	700919	1	Nut
9	94–4208	1	Hourmeter
10	95–7489	1	Switch – PTO
11	92–6785	1	Switch – Ignition
12	95–4236	1	Tscrew – PPH
13	94–2121	1	Knob – Throttle
14	32144–32	2	Screw
15	95–4226	1	ASM – Throttle Cntrl Di
18	95–3967	1	Dash – Diesel
19	92–7020	4	Screw–HH
20	95–4238	2	Gasket – Foam
21	94–7618	1	Gauge – Water Temp Ds
22	95–3830	1	Gauge–Fuel
23	99–3727	1	Harness–8 Light,Ds
24	95–4287	1	Guard – Latch (only on: 73590)

Ref. No.	Part No.	Qty.	Description

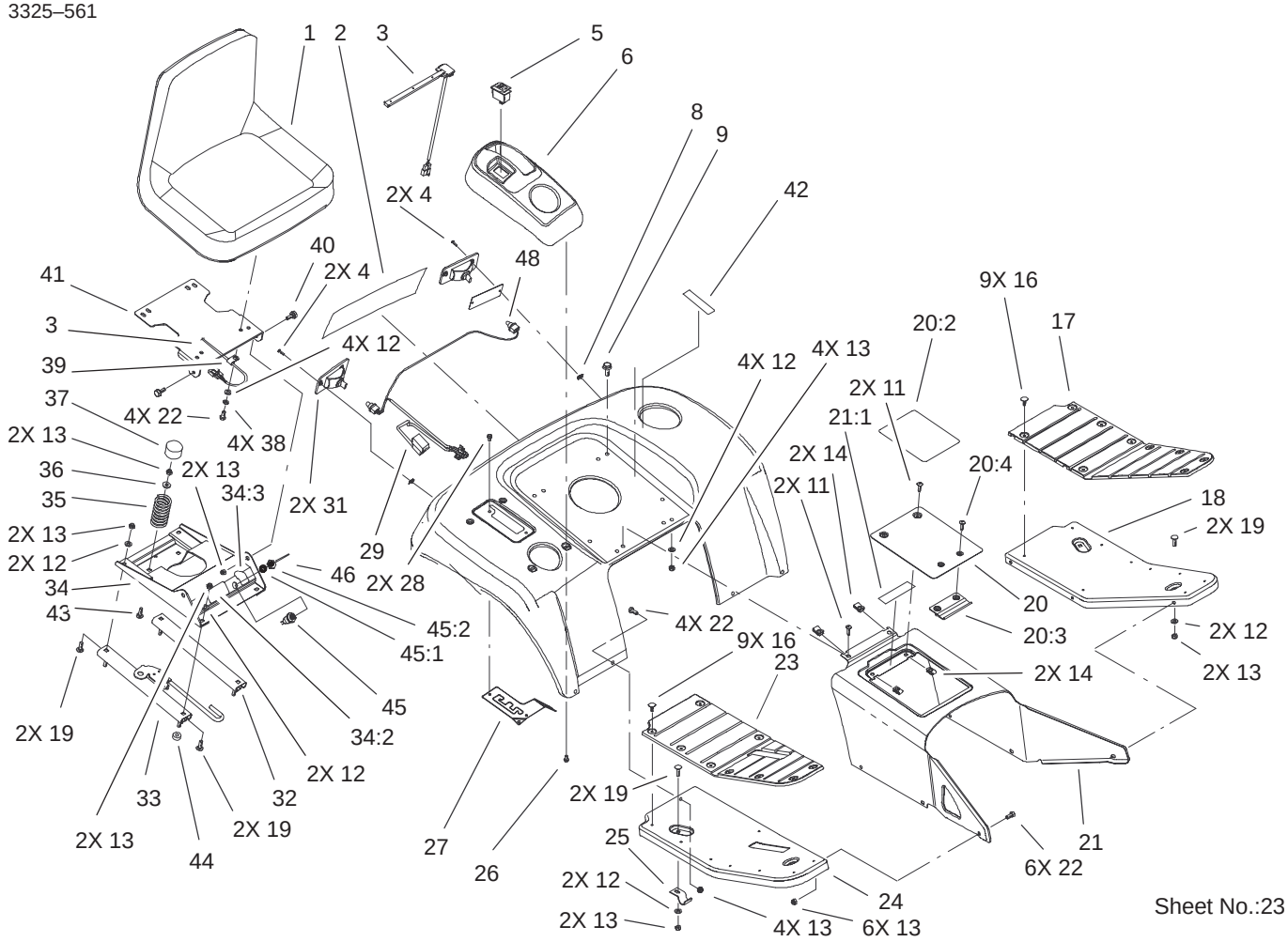


Sheet No.:23

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)
8	95–4115	4	Nut – Speed
9	3234–29	4	Screw–HHF
11	92–7020	4	Screw–HH
12	3256–23	16	Washer–Flat
13	3296–29	26	Nut–Lock
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–CARR
20	98–1623	1	Tunnel Cover ASM (only on: 73590)
20	99–6089	1	Cover/Decal ASM (only on: 73552)
20:2	99–6090	1	Decal–Danger (only on: 73552)

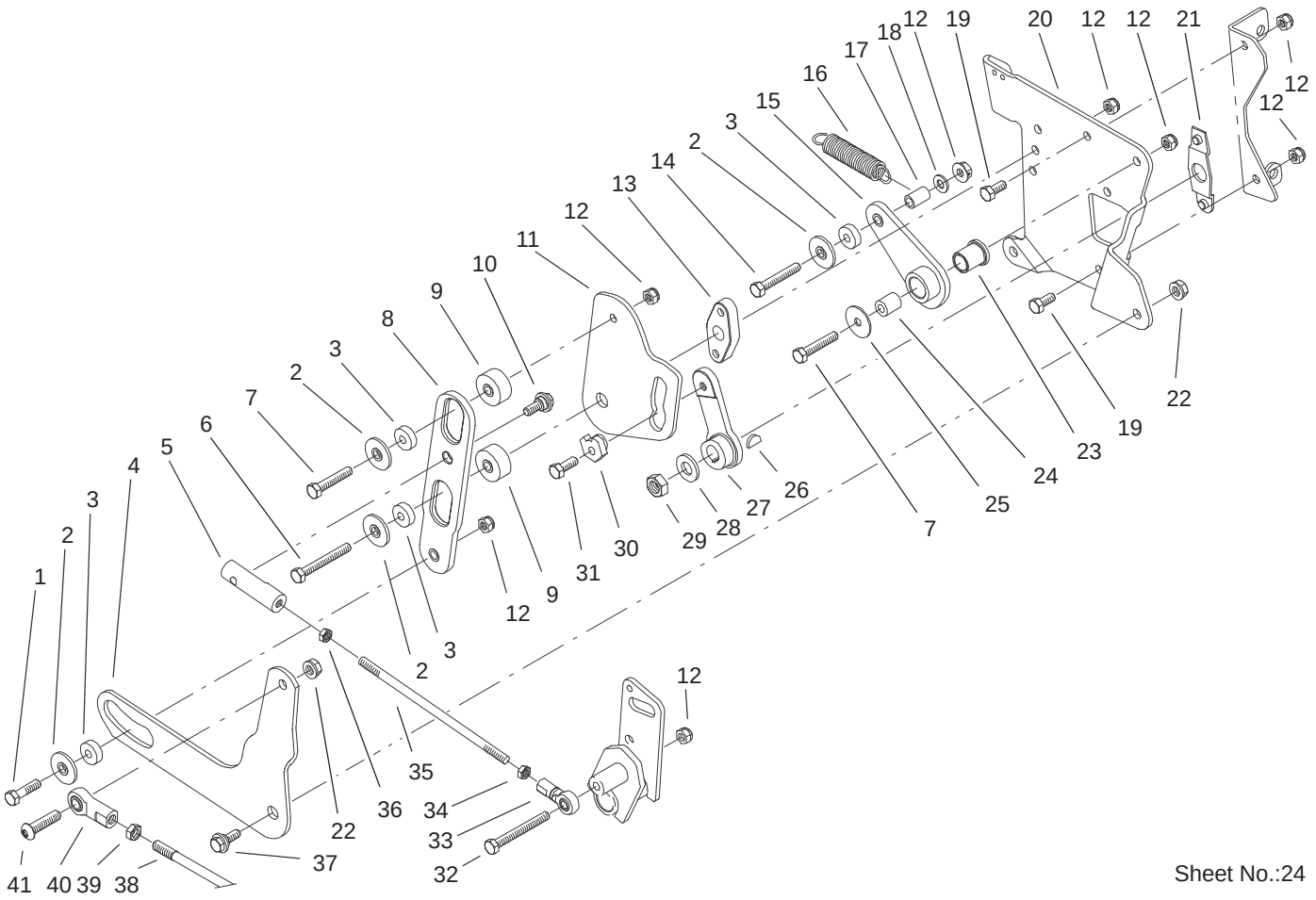
Ref. No.	Part No.	Qty.	Description
20:2	98–1608	1	Decal – Danger (only on: 73590)
20:3	95–4107	1	Retainer – Cover
20:4	94–4496	2	Screw–PPH
21	98–5025	1	Tunnel ASM (only on: 73552)
21	98–5058	1	Tunnel ASM (only on: 73590)
21:1	98–5015	1	Decal – Warning (only on: 73590)
21:1	80–8760	1	Decal – Danger (only on: 73552)
22	322–3	14	Screw–HH
23	94–2095	1	Pad – RH Footrest
24	94–2089–01	1	Footrest – RH
25	95–3858	2	Bracket–Footrest
26	32144–20	4	Screw–Thread Forming
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



Fender, Footrest, & Seat Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
34	104–5074	1	Seat Base ASM, Intl Decal (only on: 73590)
34	104–2495	1	Seat Base ASM (only on: 73552)
34:2	99–2986	1	Decal–Danger (only on: 73590)
34:2	99–2985	1	Decal–Danger (only on: 73552)
34:3	99–5340	1	Decal–Switch (only on: 73590)
34:3	99–5339	1	Decal (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
39	98–2390	1	Clamp – R
40	37–8771	2	Bolt–Shoulder
41	104–4345–03	1	Mount–Seat
42	98–3088	1	Decal – Diesel
43	3230–22	2	Screw–CARR
44	4–2390	4	Washer–Flat
45	46–5780	1	Switch–Starter
45:1	3254–5	1	Washer–Lock, Internal
45:2	218–461	1	Nut–HH

Ref. No.	Part No.	Qty.	Description
46	62–7770	1	Key–Ignition
48	109045	2	Light Bulb

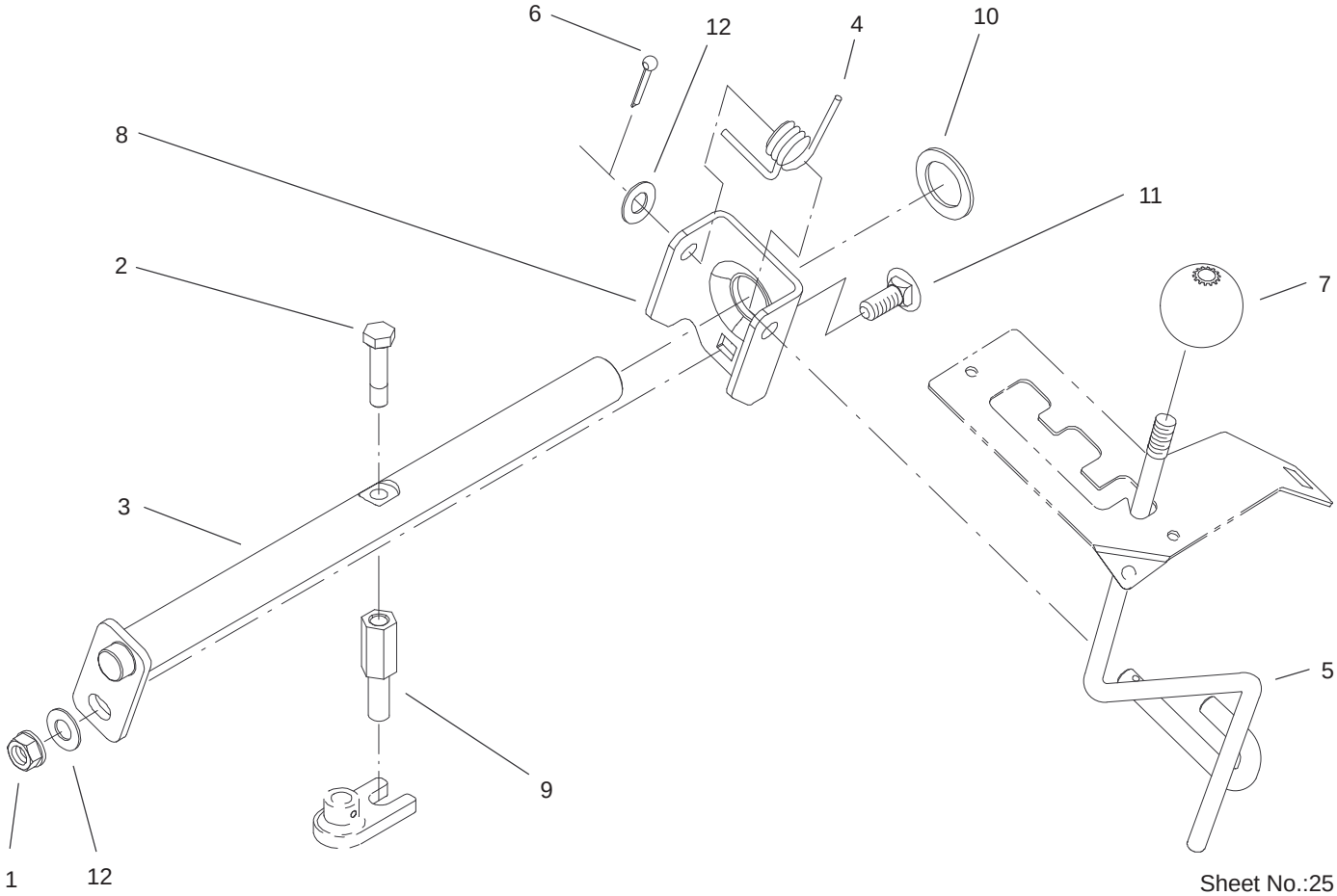


Sheet No.:24

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	Slider–Lift
5	94–7637	1	End–Rod, RH
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	8	Nut–Lock
13	94–2168	1	Standoff – Slider
14	322–10	1	Screw–HH
15	94–7586	1	Arm–Return To Neutral
16	63–1590	1	Spring–Idler
17	94–2309	1	Standoff – Spring
18	3256–23	1	Washer–Flat
19	322–3	2	Screw–HH
20	99–8053–03	1	Plate–Control
21	94–7814	1	Locator–Control Plate
22	108881	2	Nut
23	94–7913	1	Bushing – Flanged
24	94–7564	1	Spacer
25	3256–57	1	Washer–Flat

Ref. No.	Part No.	Qty.	Description
26	3257–24	1	Key–Woodruff
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
35	94–2497	1	Rod – Slider To Pivot
36	3220–2	1	Nut
37	94–7582	1	Bolt – Shoulder
38	94–7500	1	Rod–Lift
39	3220–3	1	Nut–Jam
40	92–7008	1	Rod End – Female
41	95–3857	1	Screw–Head, Button

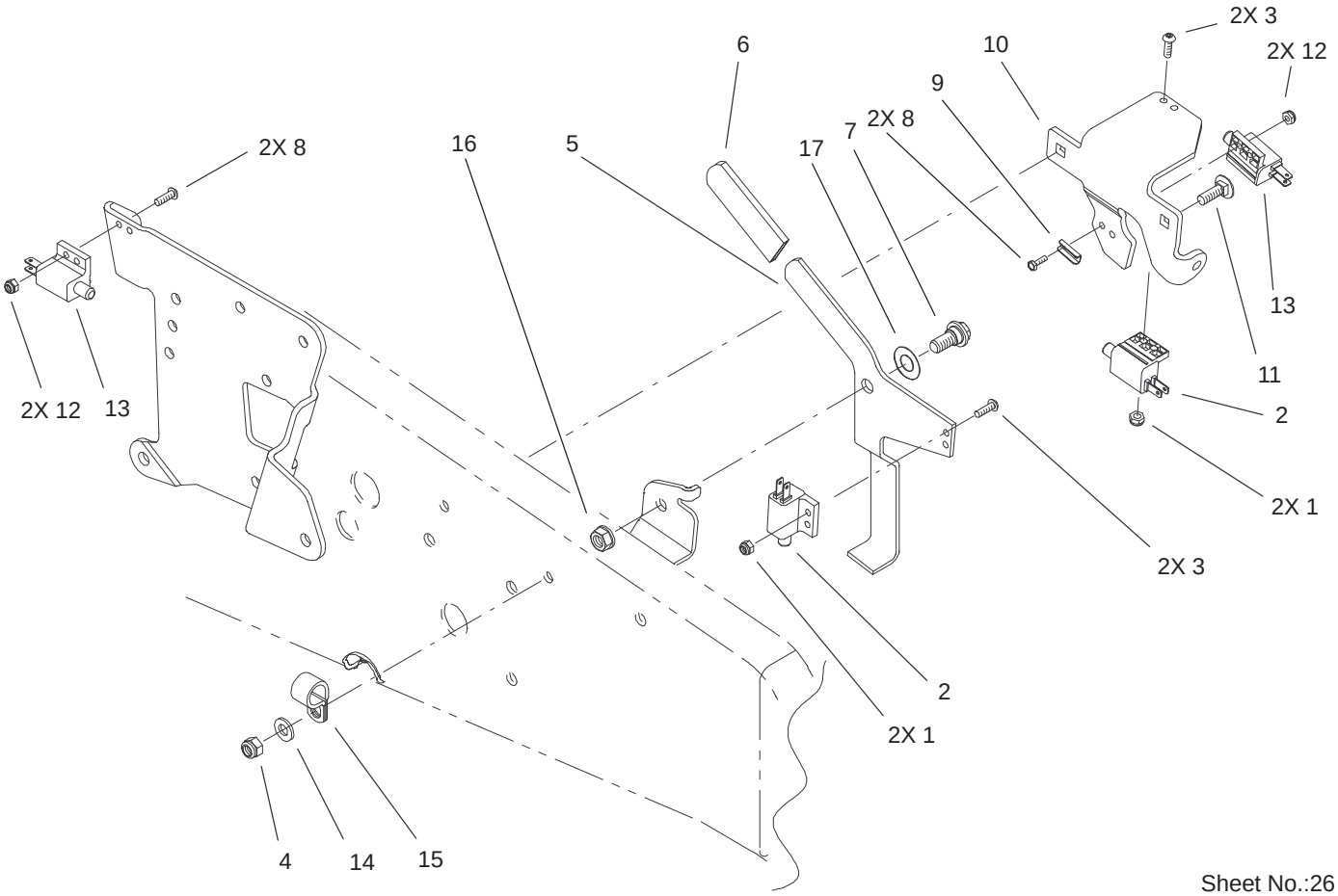


Sheet No.:25

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
4	99–4446	1	Spring–Torsion
5	99–4448	1	Lever–Shift
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

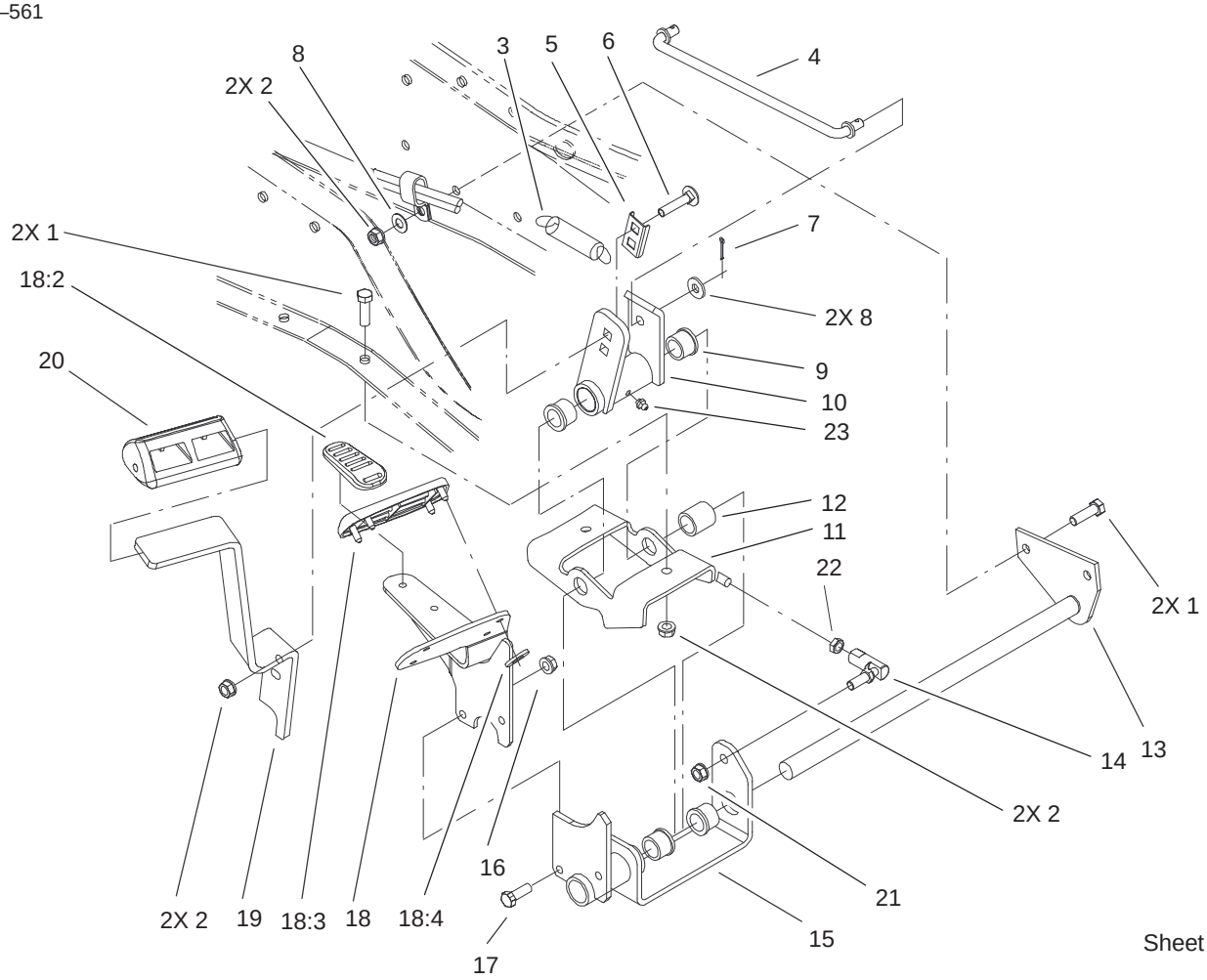


Sheet No.:26

Parking Brake Upper Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–2	4	Nut–Lock
2	65–7410	2	Switch – Single Pole
3	3274–14	4	Screw–HSH
4	3296–29	2	Nut–Lock
5	94–2157–03	1	Latch–Parking 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–CARR
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
17	98–3087	1	Washer

Ref. No.	Part No.	Qty.	Description

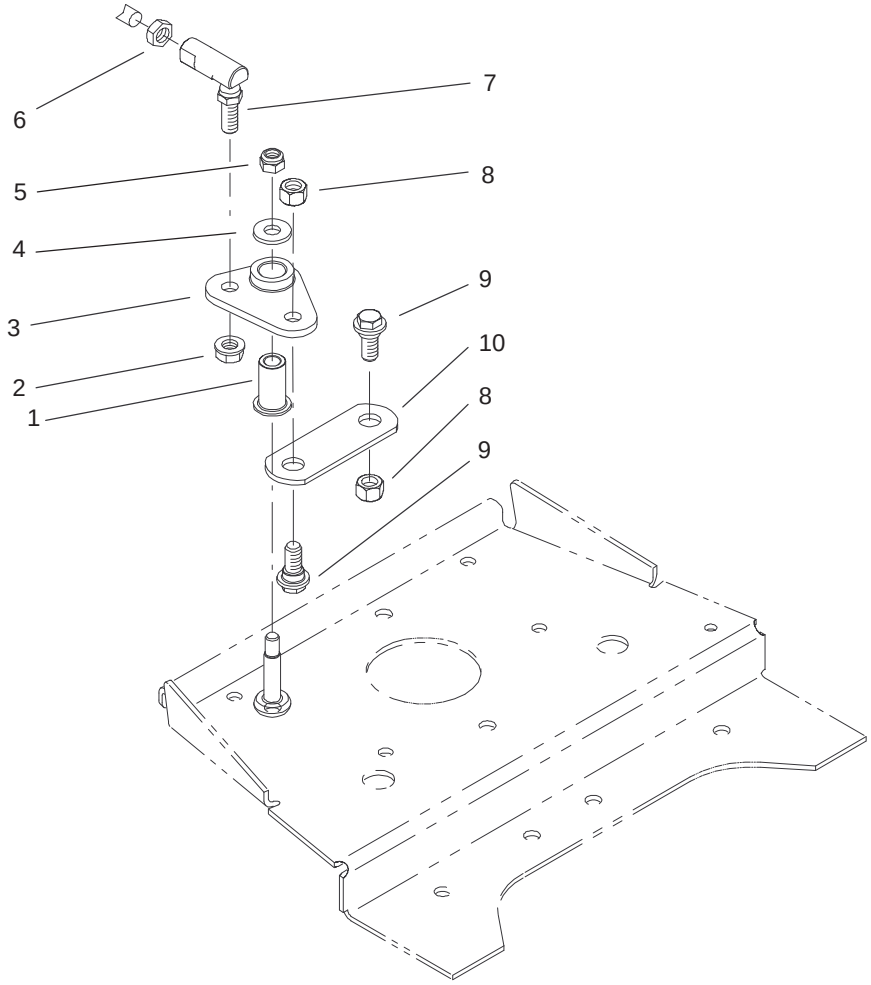


Sheet No.:27

Hydro Controls Assembly

Ref. No.	Part No.	Qty.	Description
1	323–7	4	Screw–HH
2	3296–39	6	Nut–Lock, NI
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	Bracket–Brake
11	94–2343–03	1	Bracket – Support
12	94–7501	1	Spacer – Pedal
13	94–2345–03	1	Shaft–Pivot
14	94–7572	1	End – RH Tie Rod
15	94–2342–03	1	Bracket–Foward/Reverse
16	3296–29	2	Nut–Lock
17	322–5	2	Screw–HH
18	99–8050	1	Hydro Pedal ASM
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

Ref. No.	Part No.	Qty.	Description
22	3220–3	1	Nut–Jam
23	302–5	1	Fitting–Grease

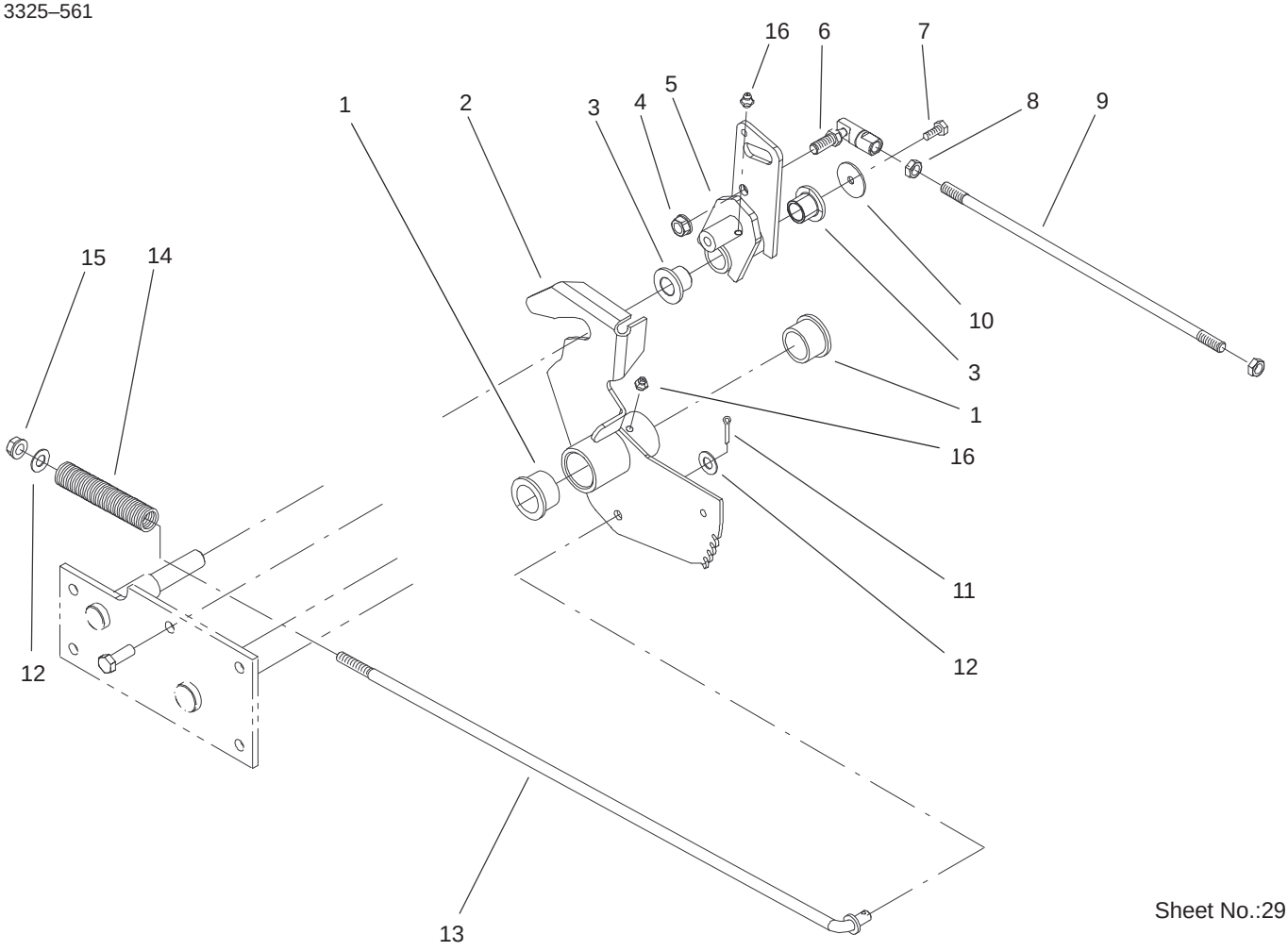


Sheet No.:28

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
6	3220–16	1	Nut–Jam, LH
7	94–7573	1	End – LH Tie Rod
8	108881	2	Nut
9	94–7582	2	Bolt – Shoulder
10	94–2409	1	Link–Slow Down

Ref. No.	Part No.	Qty.	Description

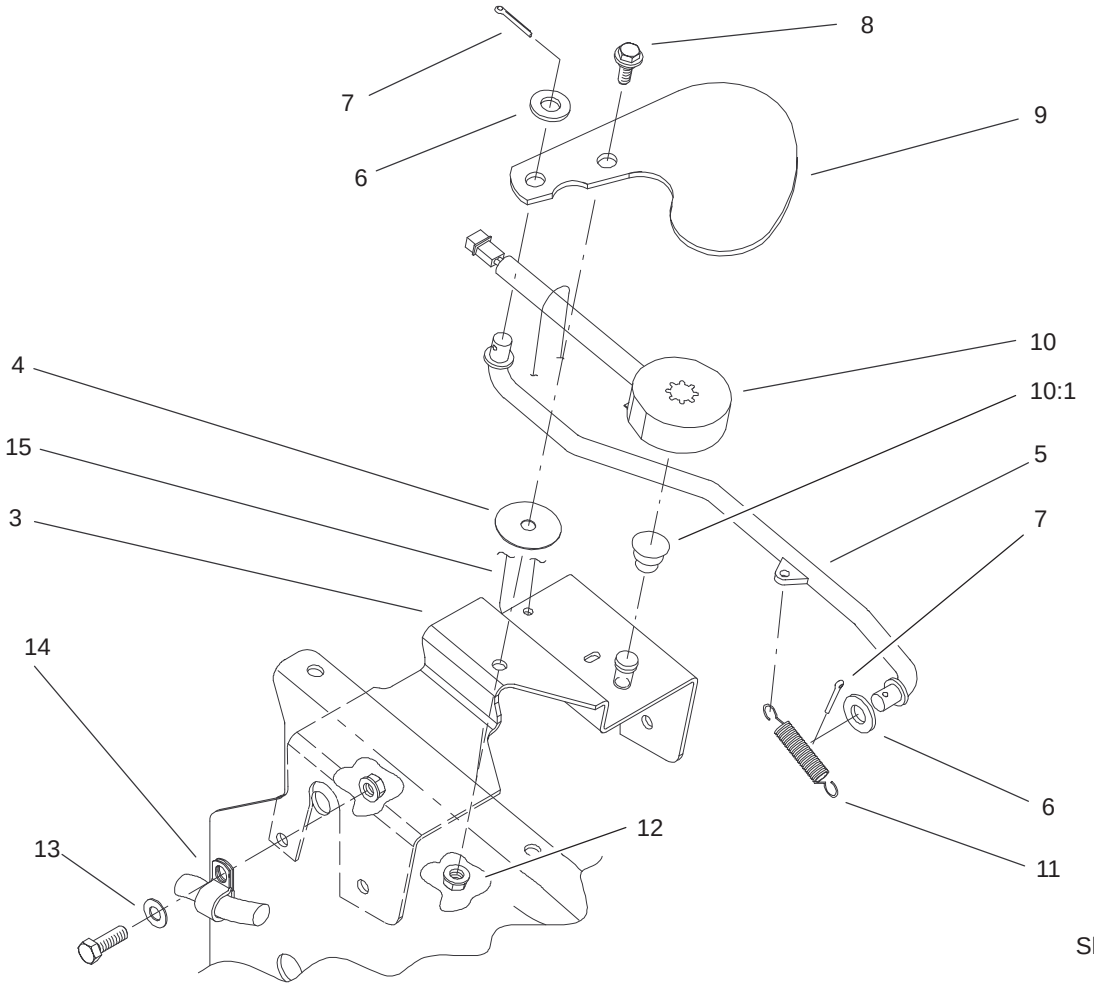


Sheet No.:29

Parking Brake Lower Assembly

Ref. No.	Part No.	Qty.	Description
1	94–7574	2	Bushing – Flanged
2	94–2375–03	1	Plate–Brake Pivot
3	94–7569	2	Bushing
4	3296–6	1	Nut–Lock, NI
5	94–2488–03	1	Pivot–Hydro
6	94–7573	1	End – LH Tie Rod
7	94–7955	1	Screw–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–Grease

Ref. No.	Part No.	Qty.	Description

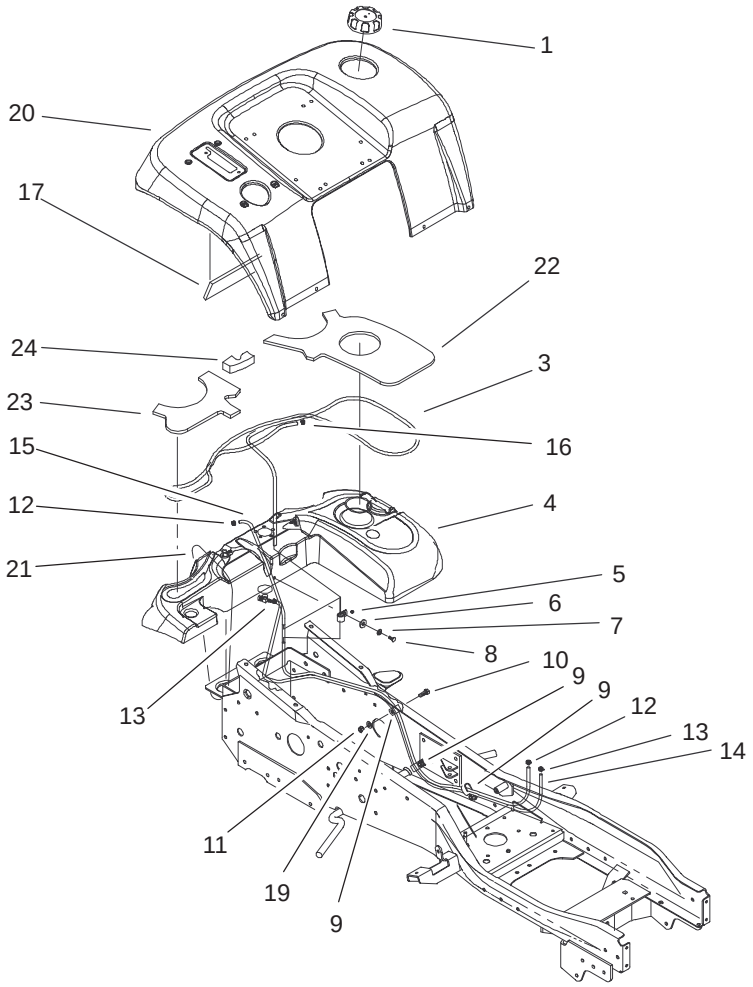


Sheet No.:30

Cruise Control Assembly

Ref. No.	Part No.	Qty.	Description
3	99–6097–03	1	Brkt–Cruise
4	94–7575	1	Spacer – Cruise
5	94–7980	1	Rod–Cruise Control
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 ASM
10:1	93–6601	1	Spring – Compression
11	66–4160	1	Spring–Upper Solenoid
12	108881	1	Nut
13	3256–24	2	Washer–Flat
14	98–2358	2	Clamp – R
15	614249	1	Tie–Strap

Ref. No.	Part No.	Qty.	Description

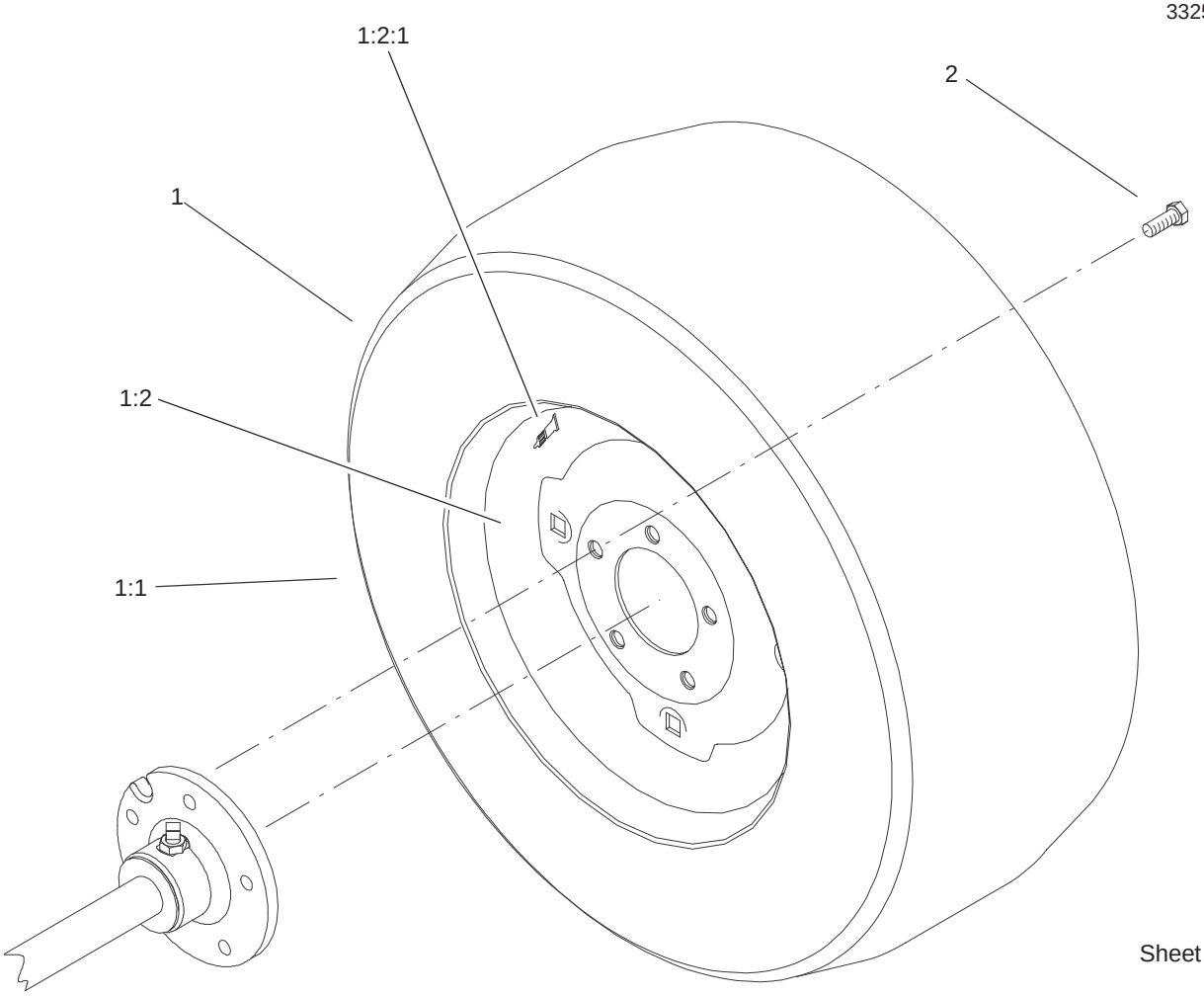


Sheet No.:31

Fender & Fuel System Assembly

Ref. No.	Part No.	Qty.	Description
1	95–4193	1	Diesel Gas Cap ASM
3	99–8553	1	Hose–Vent
4	99–6142	1	Tank–Diesel Assy. (Service)
5	95–4187	1	Clamp – Tube
6	3256–22	1	Washer–Flat
7	3253–3	1	Washer–Lock
8	321–3	1	Screw–HH
9	98–1617	3	Clamp–Tube
10	323–6	1	Screw–HH
11	3296–39	1	Nut–Lock, NI
12	2412–98	2	Clamp
13	2412–108	2	Clamp–Worm
14	99–9682	1	Hose–Fuel (Service)
15	99–9683	1	Hose–Fuel (Service)
16	94–8189	1	Clamp–Hose
17	95–4157	1	Foam – Tank Center
19	3256–24	1	Washer–Flat
20	98–7208	1	Rear Body ASM
21	99–5901	1	Tie–Cable
22	99–6145	1	Foam–Tank
23	99–6146	1	Foam–Tank
24	99–6887	1	Foam–Tank Top

Ref. No.	Part No.	Qty.	Description



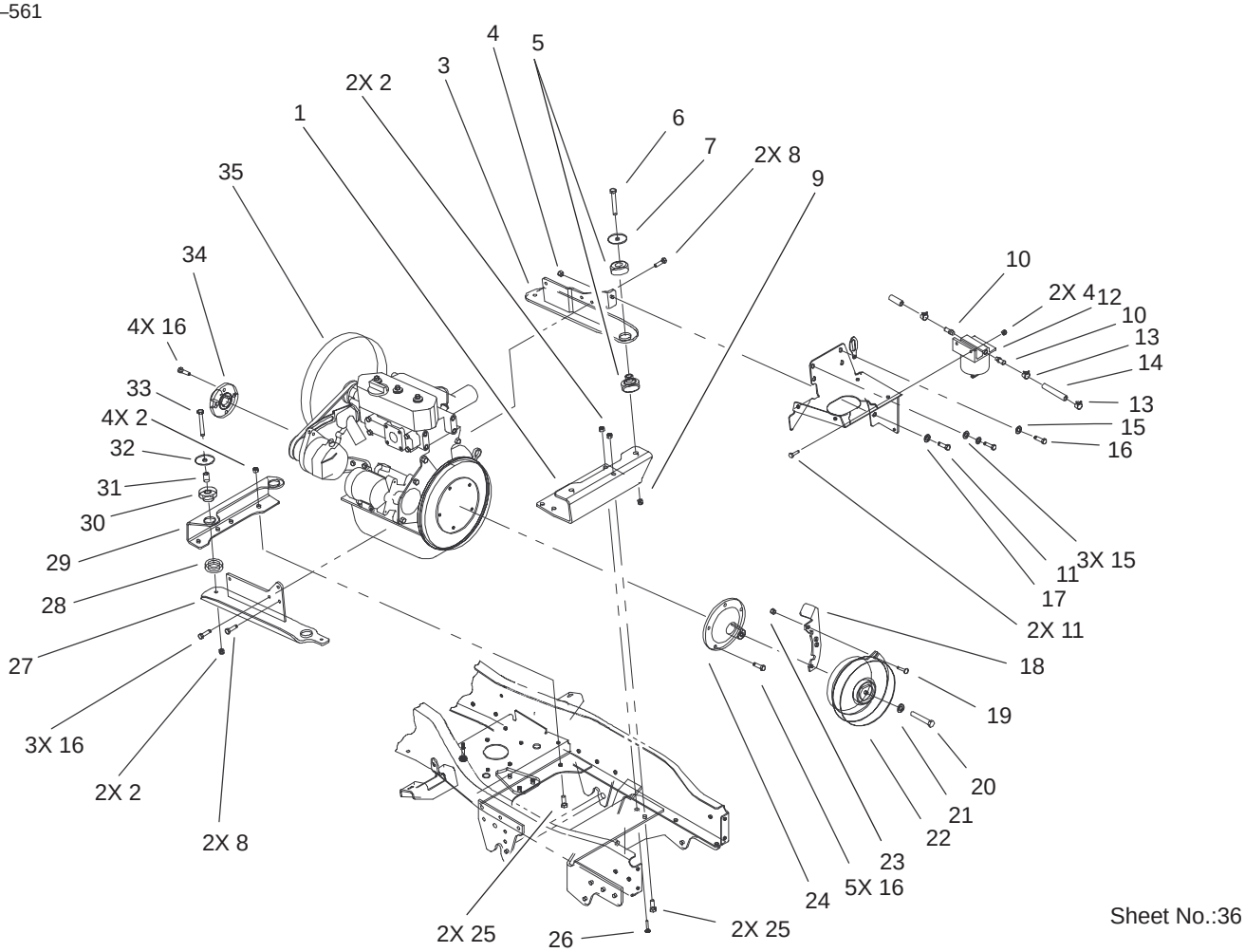
Sheet No.:32

Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	99–3694	2	Wheel & Tire ASM
1:1	99–2334	1	Tire
1:2	110680	1	Rim ASM
1:2:1	5108	1	Valve
*	7007	1	Tube–Inner
2	83–2720	10	Lug–Bolt

Ref. No.	Part No.	Qty.	Description

* Not illustrated

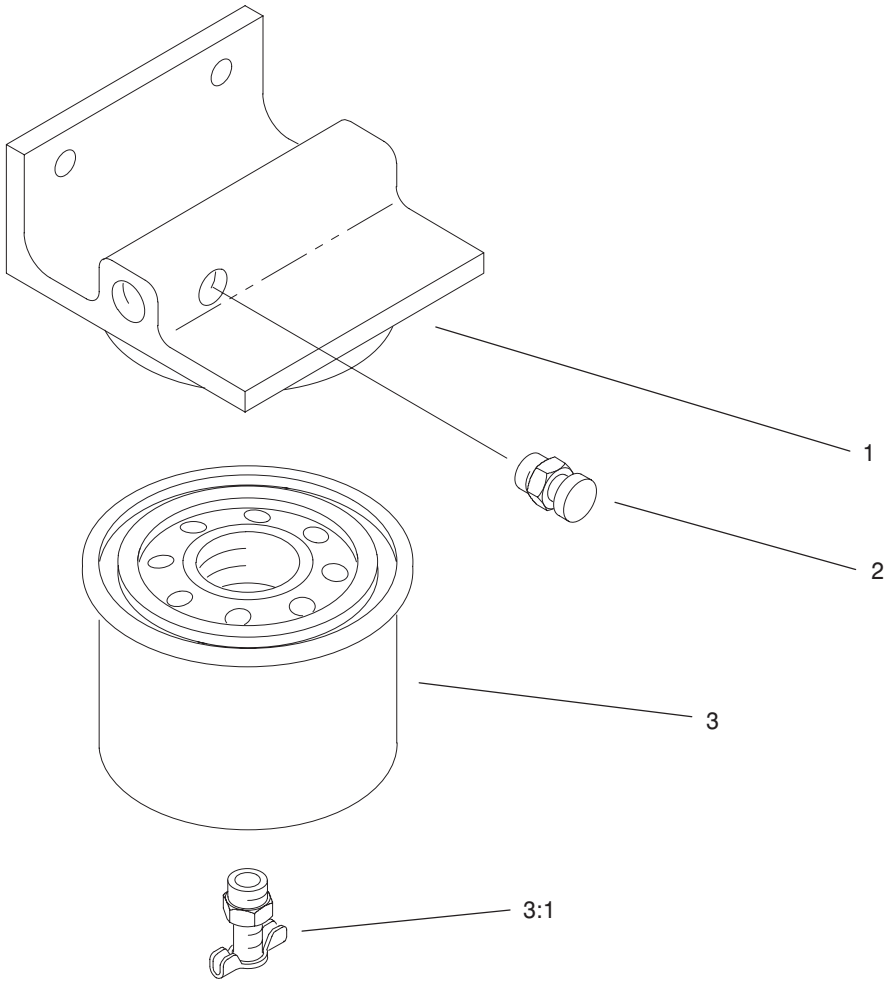


Sheet No.:36

Liquid Cooled Diesel Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	95–3882–03	1	Support–Front Eng
2	3296–39	8	Nut–Lock, NI
3	95–3890–03	1	Brkt–LH Iso
4	3296–8	3	Nut–Lock NI
5	95–4188	2	Mount – Isolation
6	325–12	2	Screw–HH
7	55–7960	2	Large Blade Washer
8	95–4183	4	Screw–Threadlocking
9	3296–23	2	Nut–Lock, NI
10	353–783	2	Fitting–Pump
11	321–6	3	Screw–HH
12	63–7650	1	Separator–Filter/Water
13	2412–108	2	Clamp–Worm
14	99–9687	1	Hose–Fuel
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
23	3296–29	2	Nut–Lock
24	94–2065	1	Hub – PTO, Briggs
25	323–7	4	Screw–HH
26	3231–25	2	Screw–CARR

Ref. No.	Part No.	Qty.	Description
27	95–3889–03	1	Brkt–RH Iso
28	95–4190	2	Ring – Isolation
29	95–3883–03	1	Support–Rear Eng
30	95–4189	2	Bushing – Isolation
31	94–7527	2	Sleeve – Iso Mount
32	83–1040	2	Washer – Flat
33	323–10	2	Screw–HH
34	94–7892	1	Hub – Drive, Dl
35	99–5310	1	Engine–Diesel 850cc

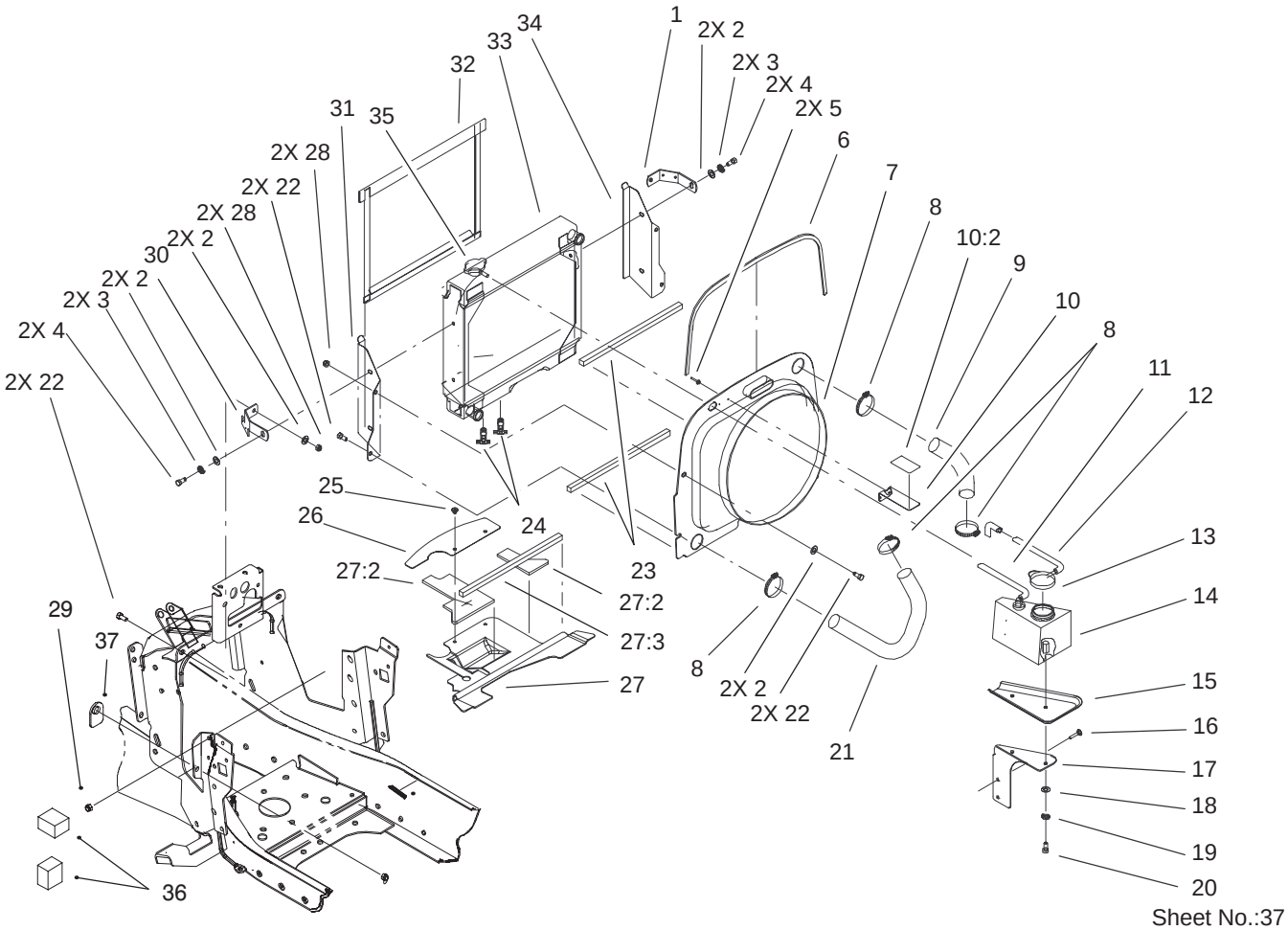


Sheet No.:A2

Separator–Filter/Water Assembly

Ref. No.	Part No.	Qty.	Description
1	63–8280	1	Head ASM
2	63–8290	1	Vent–Air
3	63–8300	1	Element–Spin–On
3:1	63–8310	1	Valve–Drain

Ref. No.	Part No.	Qty.	Description

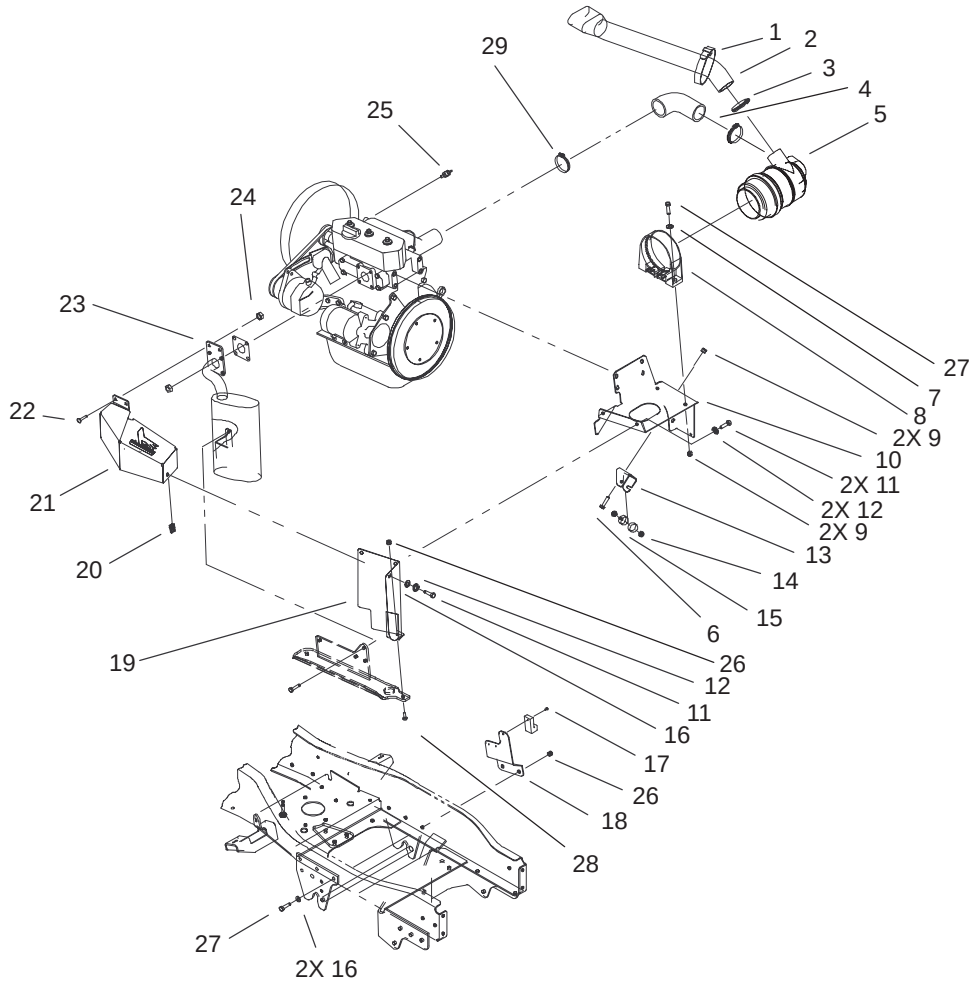


Sheet No.:37

Liquid Cooled Diesel Engine Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
1	94–7644–03	1	Strap–Radiator
2	3256–23	8	Washer–Flat (only on: 73590)
3	3253–4	4	Washer–Lock
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	Fan/Decal ASM
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
20	321–3	2	Screw–HH
21	95–4267	1	Hose – Rad. Daihatsu
22	322–5	6	Screw–HH

Ref. No.	Part No.	Qty.	Description
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
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	Seal–Foam, Side
37	98–8712	2	Washer – Spacer



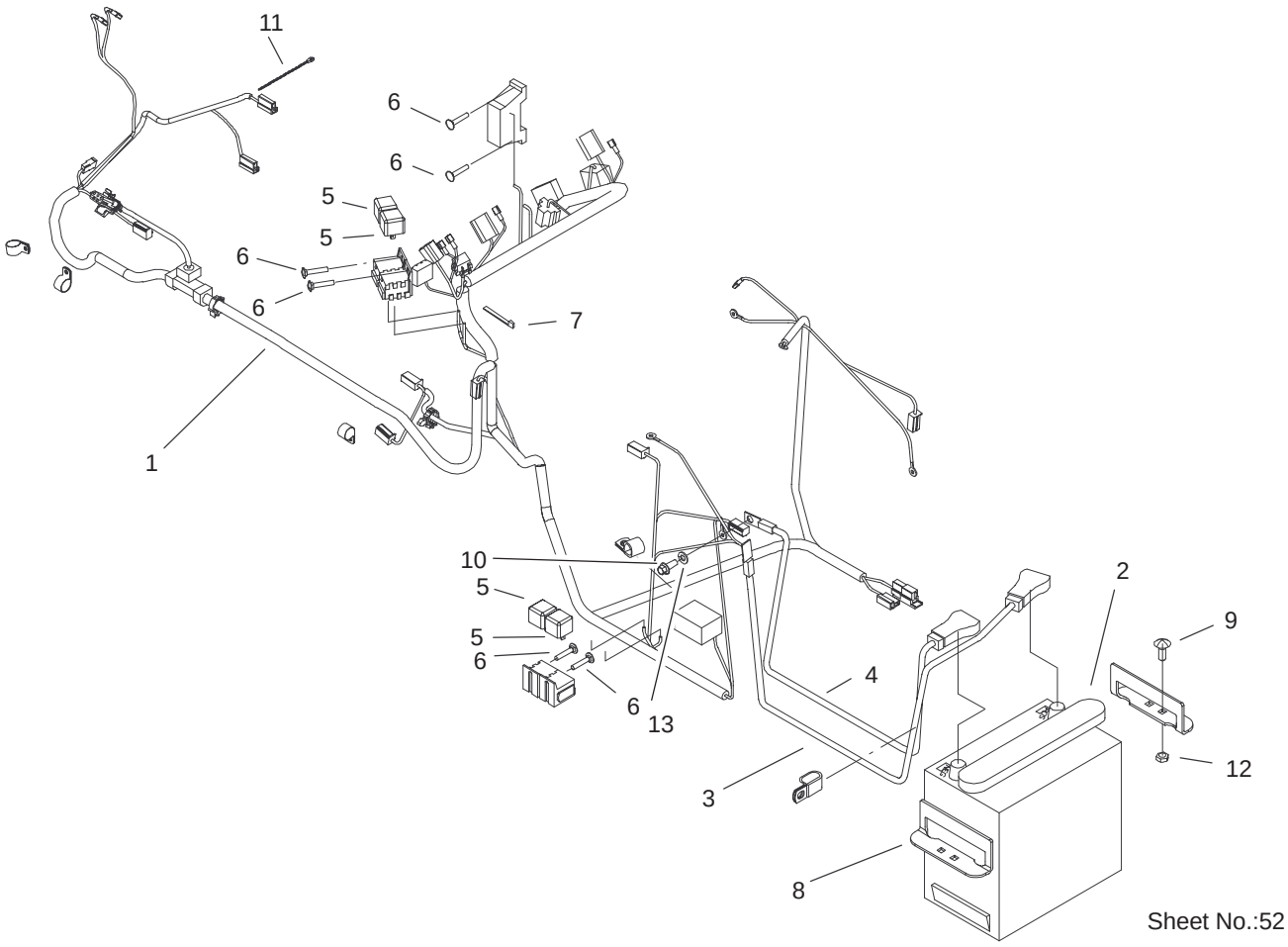
Sheet No.:38

Liquid Cooled Diesel Engine Assembly (cont.)

Ref. No.	Part No.	Qty.	Description
1	3290–379	1	Tie–Cable
2	98–1628	1	Hose – Air Cleaner
3	2412–92	2	Clamp–Hose
4	95–4265	1	Hose – Air Cleaner Outlet
5	93–2190	1	Air Cleaner ASM
*5:2	93–2195	1	Filter
*5:3	94–3652	1	Cover ASM
*5:4	94–1414	1	Valve–Vacuator
*5:5	285–17	1	Plug–Pipe
6	322–5	2	Screw–HH
7	3256–23	2	Washer–Flat
8	95–5806	1	Bracket–Mounting
9	3296–29	4	Nut–Lock
10	95–3891–03	1	Guard–Flywheel
11	321–4	3	Screw–HH
12	3253–3	3	Washer–Lock
13	95–4067–03	1	Brkt–Clutch Anchor
14	3296–42	2	Nut–Lock, NI
15	240–14	2	Bumper – Rubber
16	3256–22	3	Washer–Flat
17	12–5450	1	Screw
18	95–4239–03	1	Bracket – Relay
19	98–1634–03	1	Heat Shield Wa
20	107069	3	Clip
21	98–1638–03	1	Heat Shield Wa

Ref. No.	Part No.	Qty.	Description
22	3229–1	2	Screw–CARR
23	94–7958	1	Muffler
24	32152–4	2	Nut–Conelock
25	94–7621	1	Temp. Sender, Ds
26	3296–8	1	Nut–Lock NI
27	322–6	2	Screw–HH
28	321–6	1	Screw–HH
29	2412–130	1	Clamp–Hose

* Not illustrated



Sheet No.:52

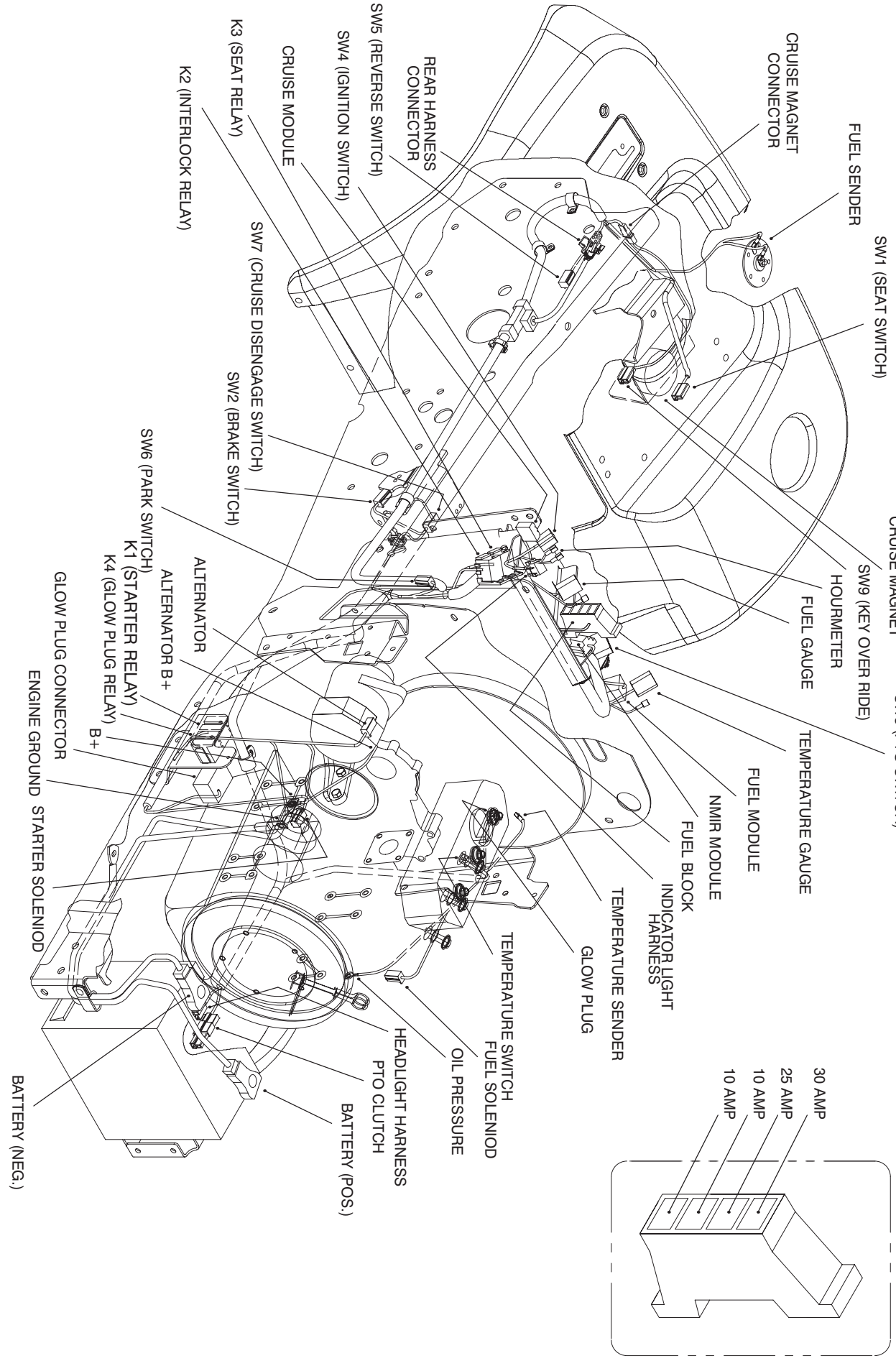
Electrical 23HP Assembly

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
6	12–5450	6	Screw
7	614249	1	Tie–Strap
8	98–3497	2	Hold – Down, Battery
9	3230–16	2	Screw–CARR
10	33114–016	1	Screw–HH
12	3296–29	2	Nut–Lock
13	3253–4	1	Washer–Lock
*	NN10277	1	Fuse–30 Amp
*	218–578	2	Fuse–10 Amp
*	109355	1	Fuse–15 Amp

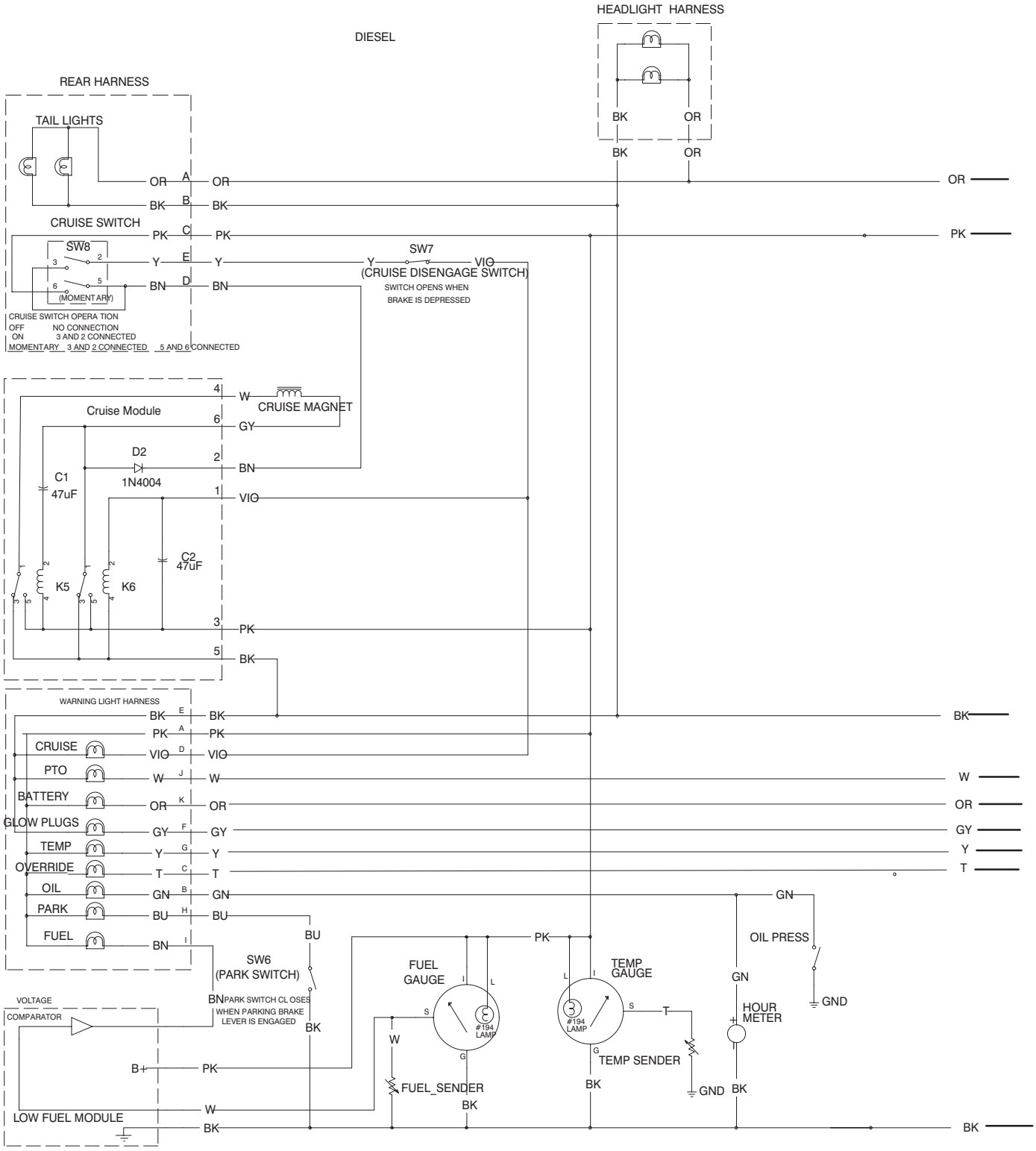
Ref. No.	Part No.	Qty.	Description

* Not illustrated

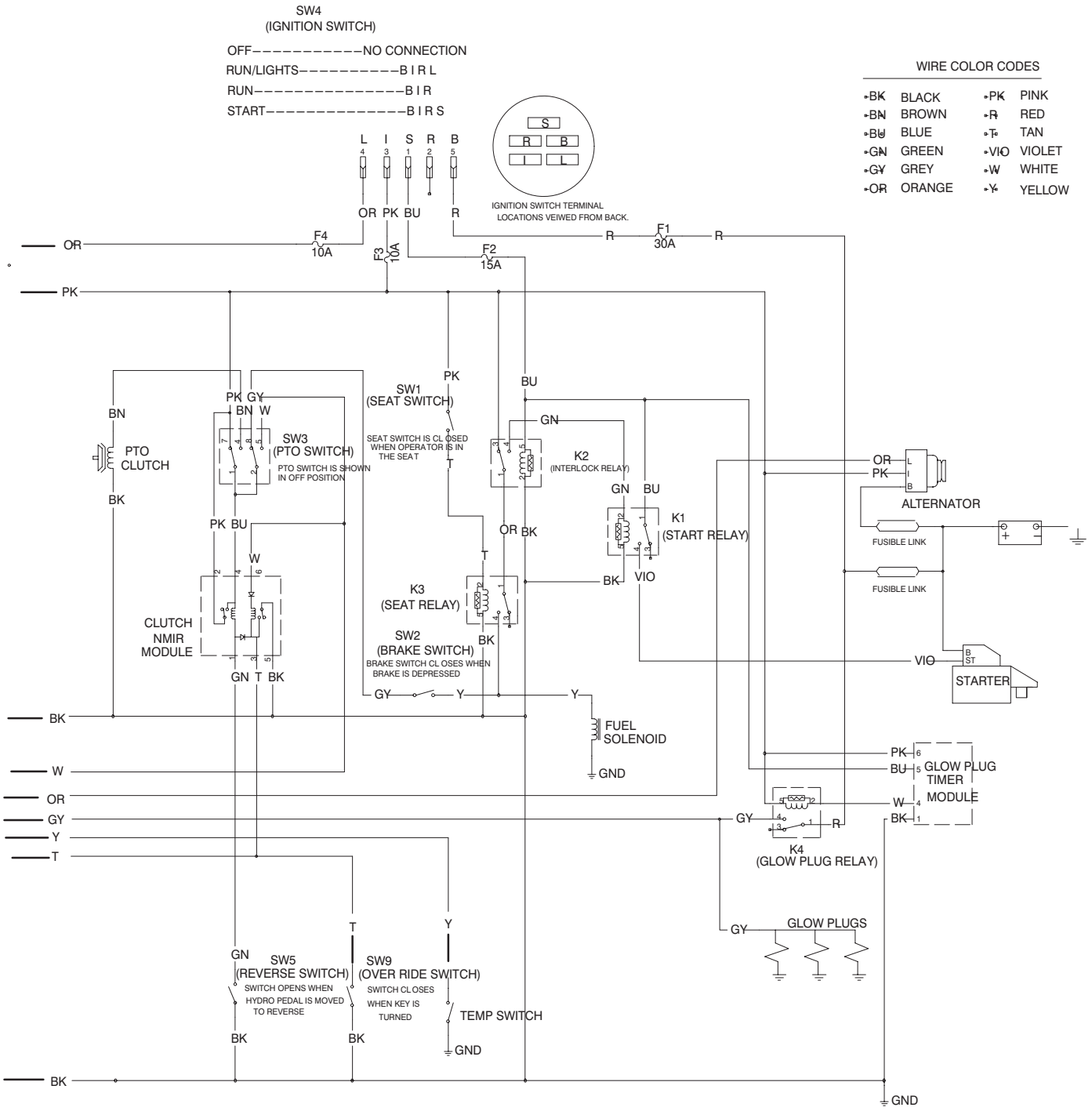
Electrical Wiring Diagram

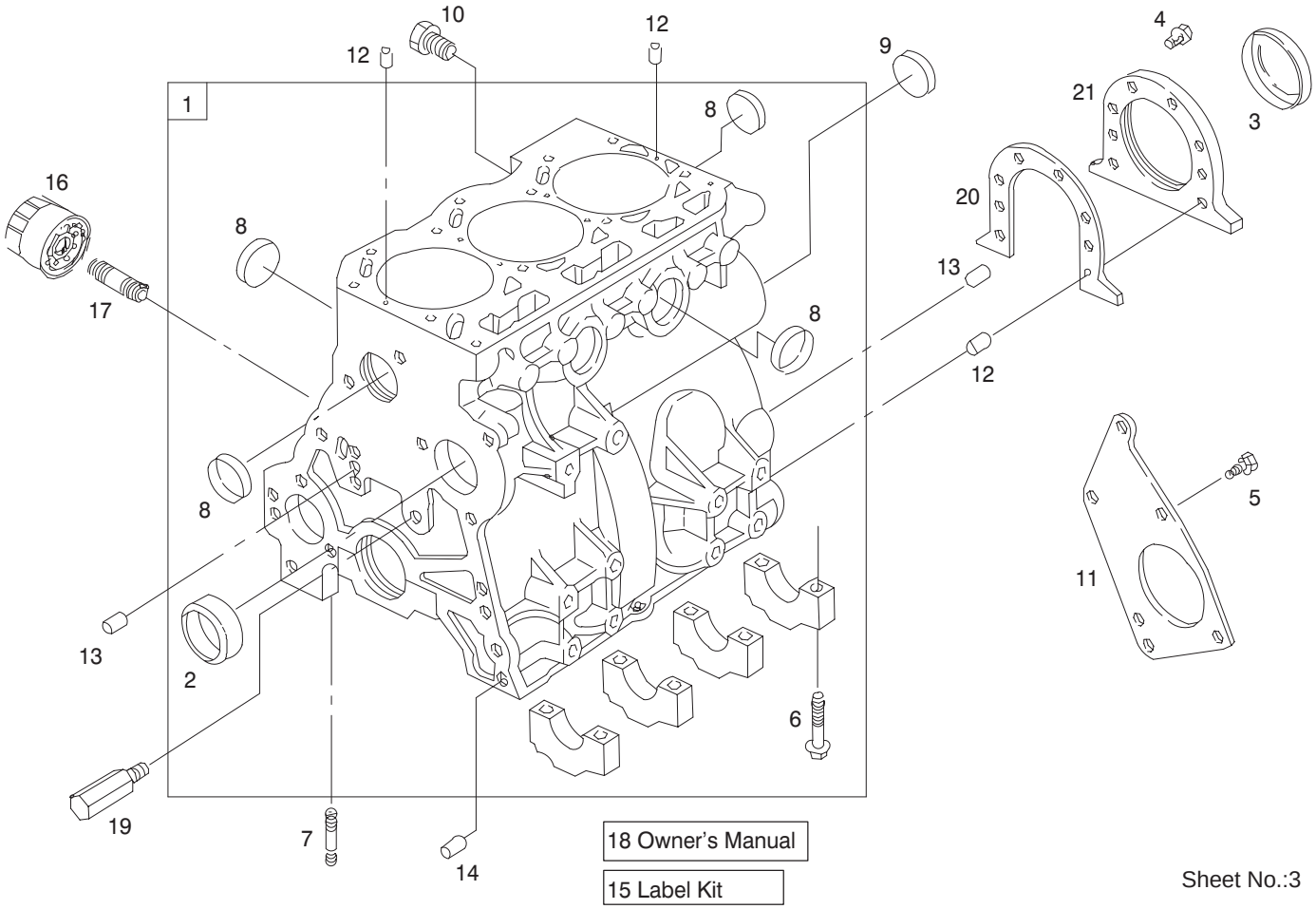


Electrical Schematic



Electrical Schematic



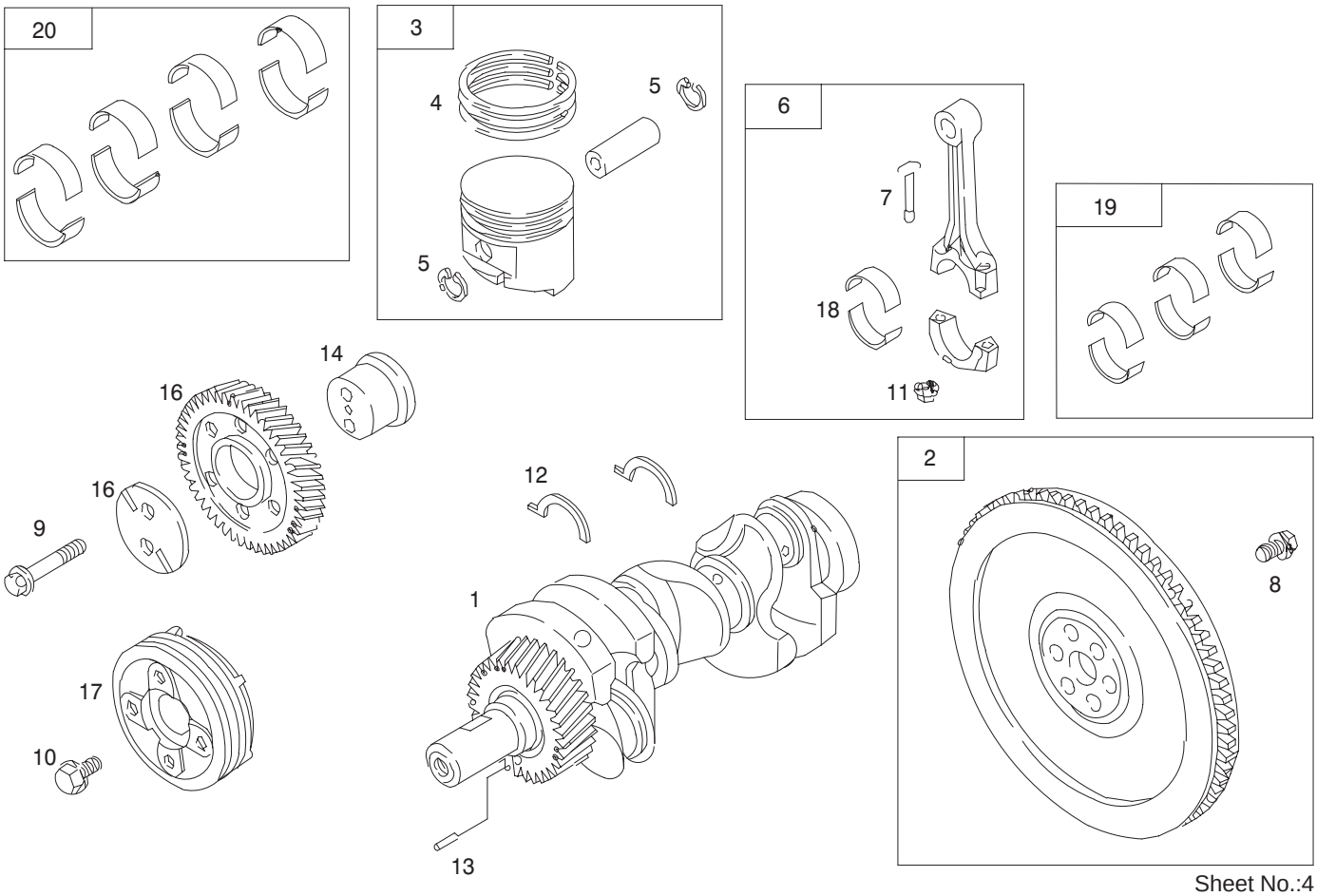


Sheet No.:3

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	99–9266	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

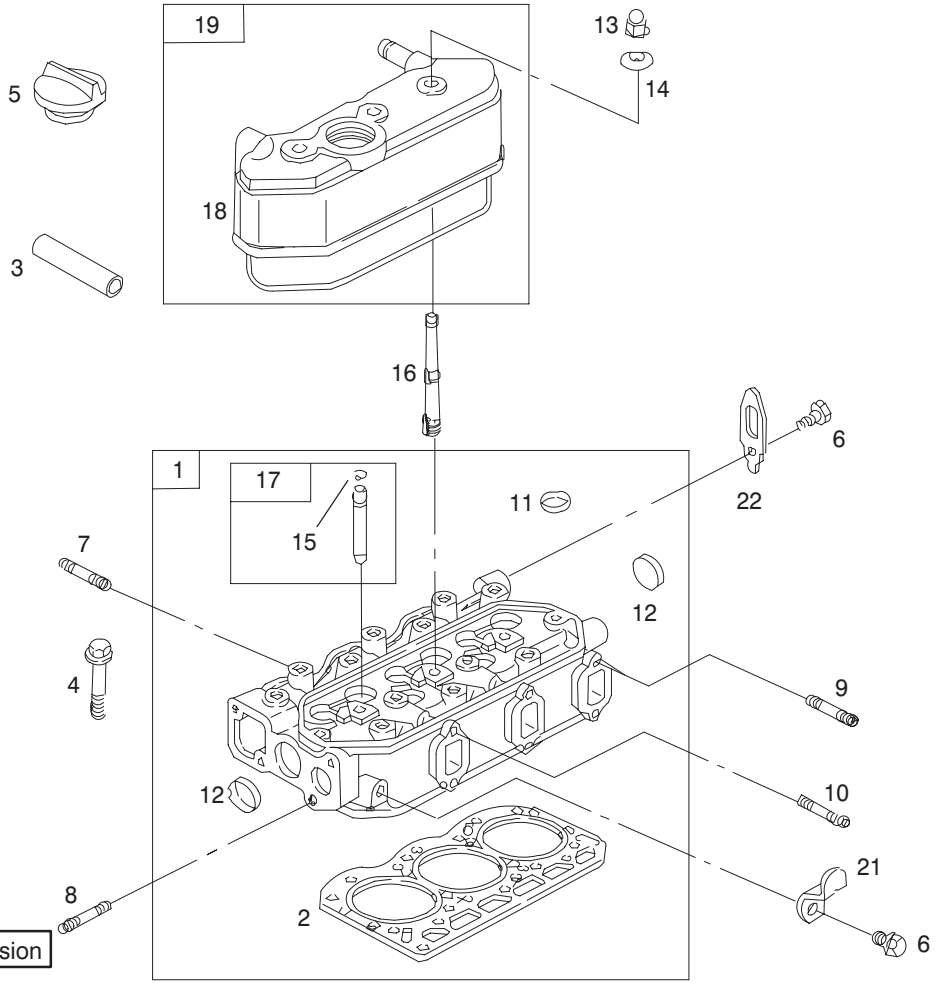


Sheet No.:4

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	99–9603	1	Crankshaft
2	99–9024	1	Flywheel
3	99–9605	3	Piston Assembly
4	99–9606	3	Ring Set
5	99–9607	6	Lock–Piston Pin
6	99–9608	3	Rod–Connecting
7	99–9030	6	Screw–Connecting Rod
8	99–9031	6	Screw– Hex
9	99–9032	2	Screw–Hex
10	99–9033	1	Screw–Hex
11	99–9034	6	Nut–Hex
12	99–9035	1	Washer–Thrust
13	99–9037	1	Pin–Locating
14	99–9609	1	Gear–Drive
15	99–9039	1	Shaft–Gear
16	99–9040	1	Plate–Idler Gear
17	99–9692	1	Pully–Crankshaft
18	99–9042	3	Bearing–Rod
19	99–9043	3	Bearing Set–Rod
20	99–9045	1	Bearing Set–Main

Ref. No.	Part No.	Qty.	Description



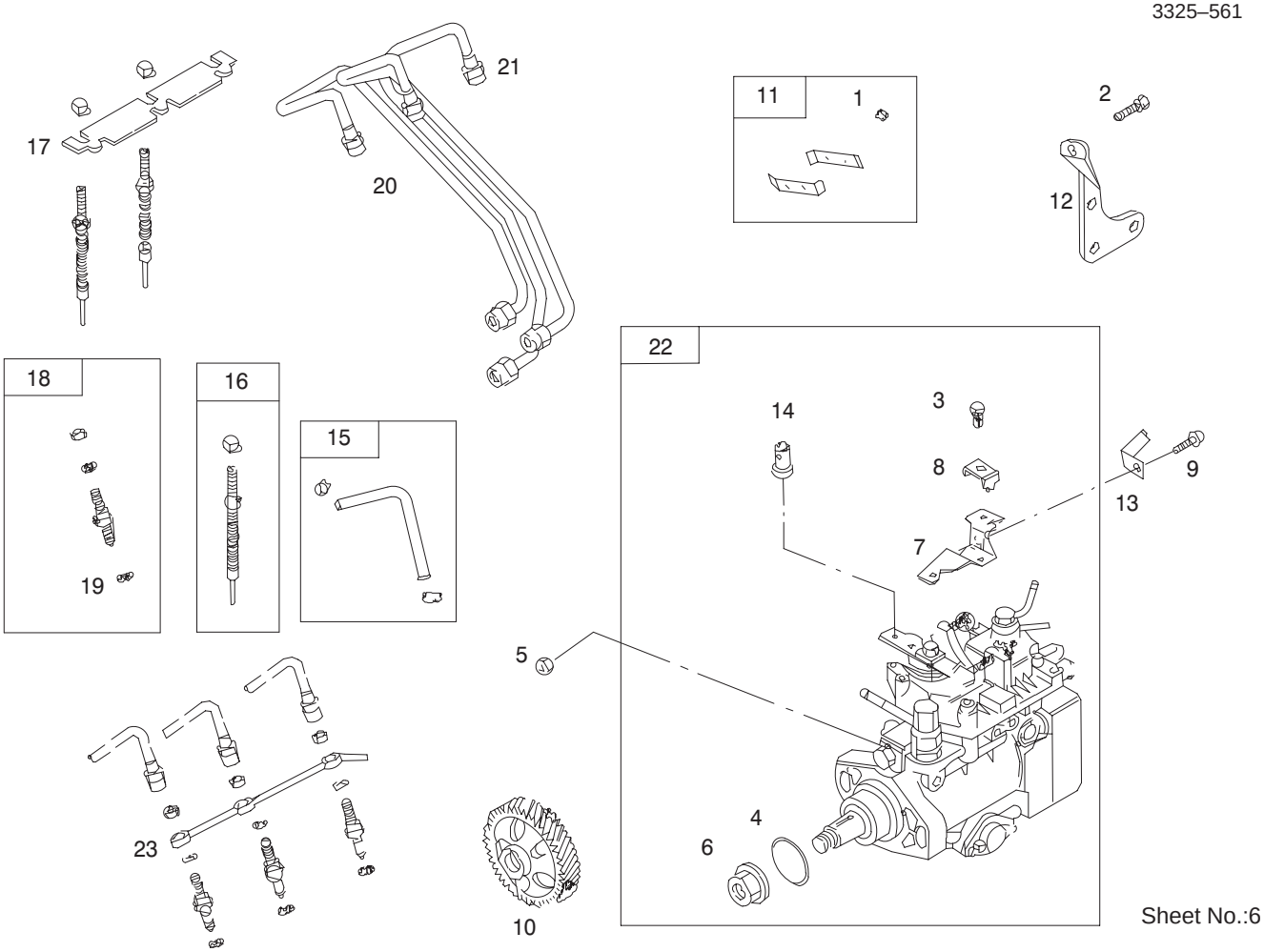
20 Label Kit – Emission

Sheet No.:5

Engine Assembly

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

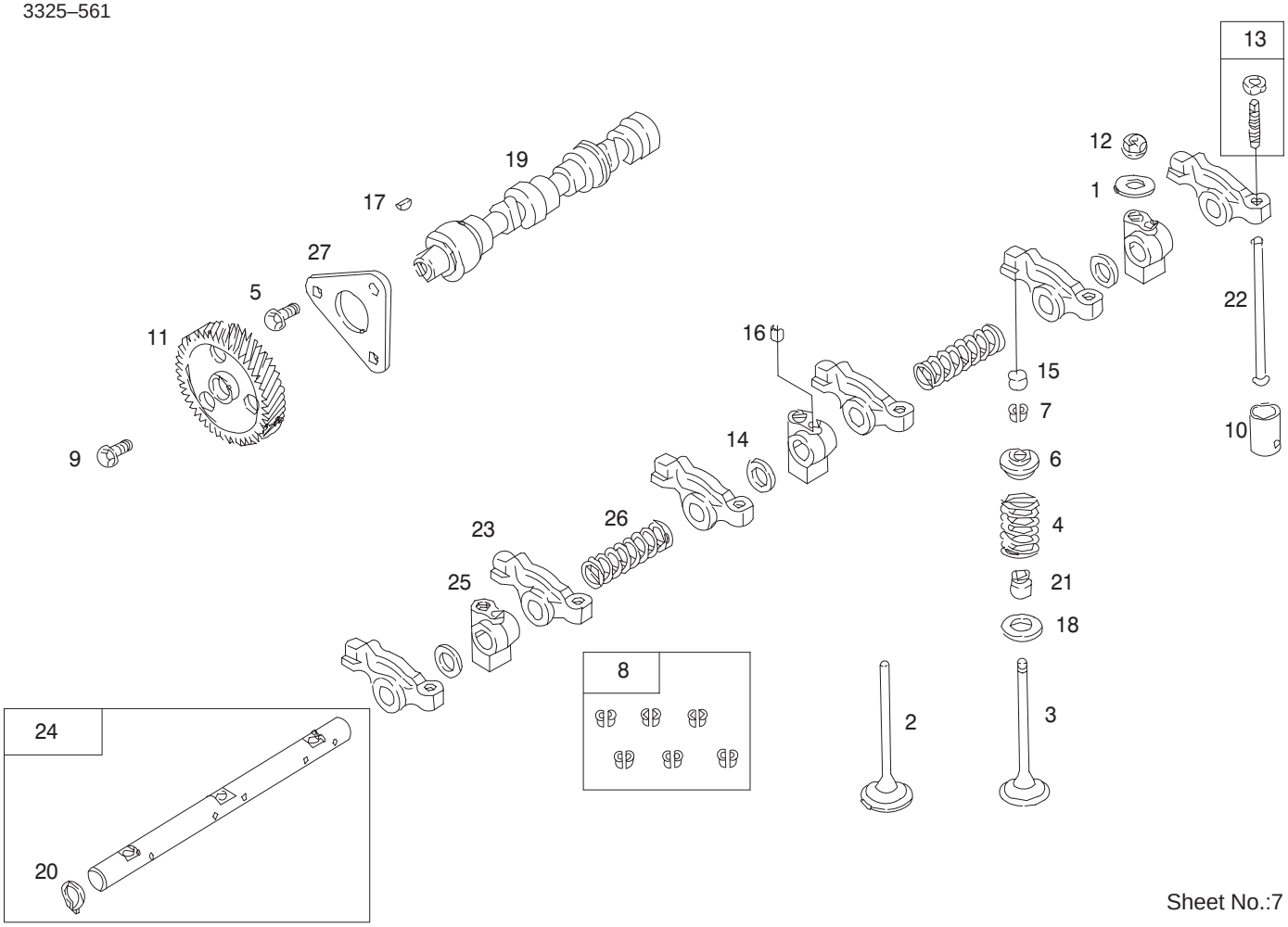


Sheet No.:6

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	99–9004	2	Screw–Hex
2	99–9616	4	Screw–8mm Hex
3	99–9056	1	Screw–Hex
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	99–9194	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

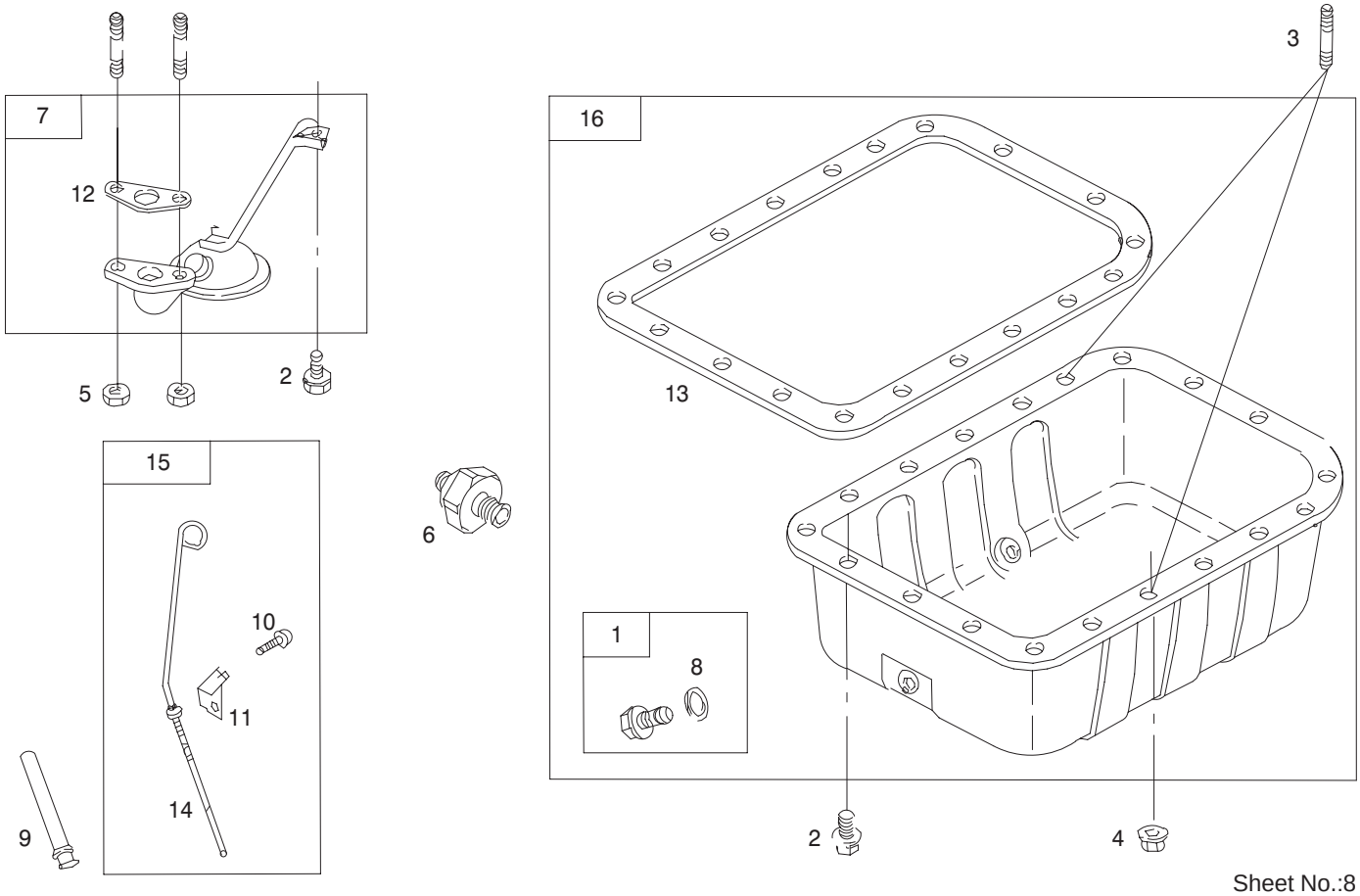
Ref. No.	Part No.	Qty.	Description



Sheet No.:7

Engine Assembly

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 (Set Of 6)
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
25	99–9107	3	Support–Rocker Arm
26	99–9108	2	Spring–Rocker Shaft
27	99–9109	1	Retainer–Camshaft

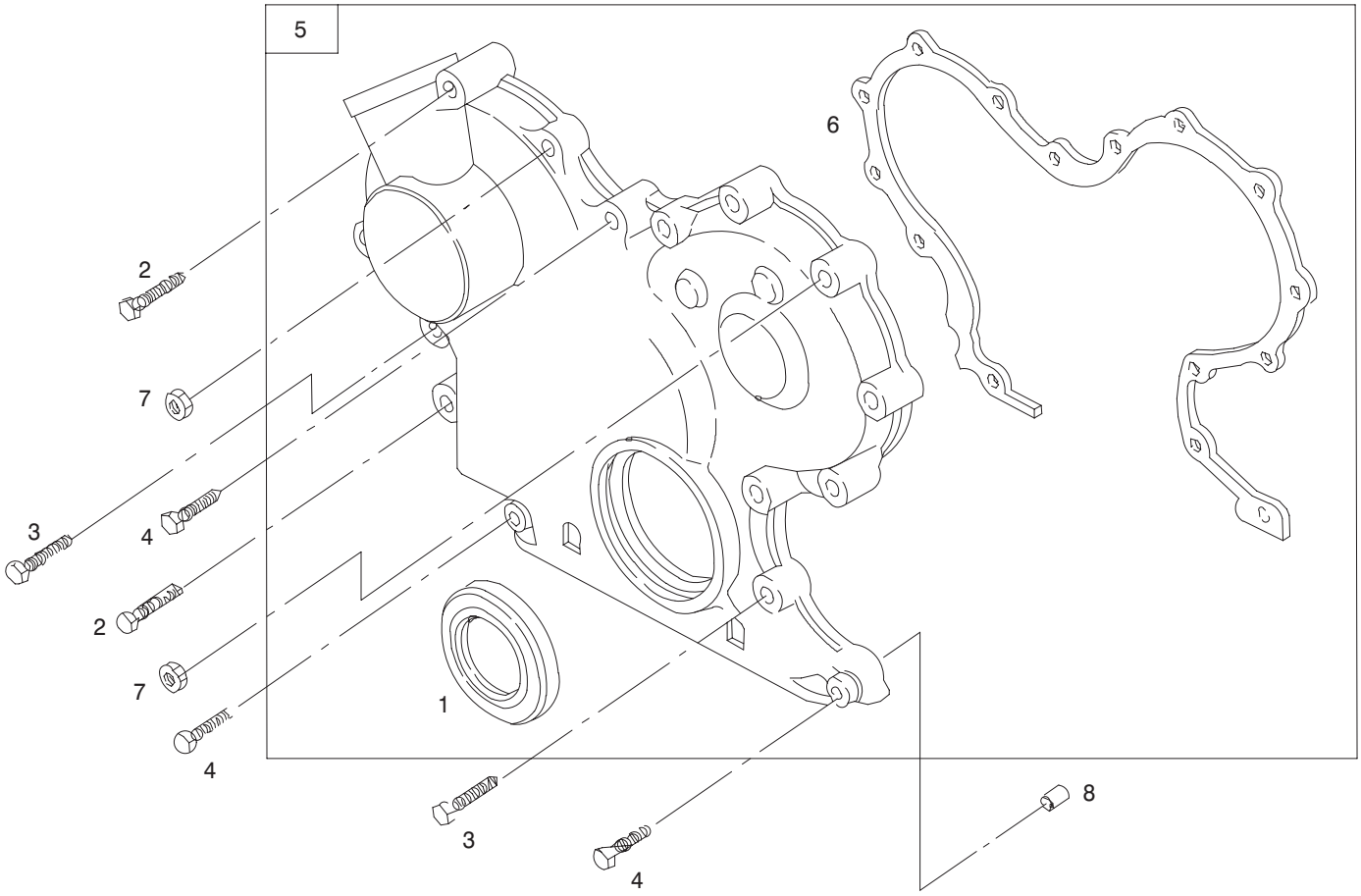


Sheet No.:8

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	99–9247	1	Plug–Oil Drain (16mm)
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	99–9249	1	Washer–Seal (16mm)
9	99–9118	1	Tube–Dipstickx
10	99–9623	1	Screw–Hex
11	99–9627	1	Bracket–Support
12	99–9120	1	Gasket–Oil Strainer
13	99–9121	1	Gasket–Oil Pan
14	99–9122	1	Dipstick
15	99–9648	1	Dipstick
16	99–9241	1	Pan–Oil (16mm Dual Drain)

Ref. No.	Part No.	Qty.	Description

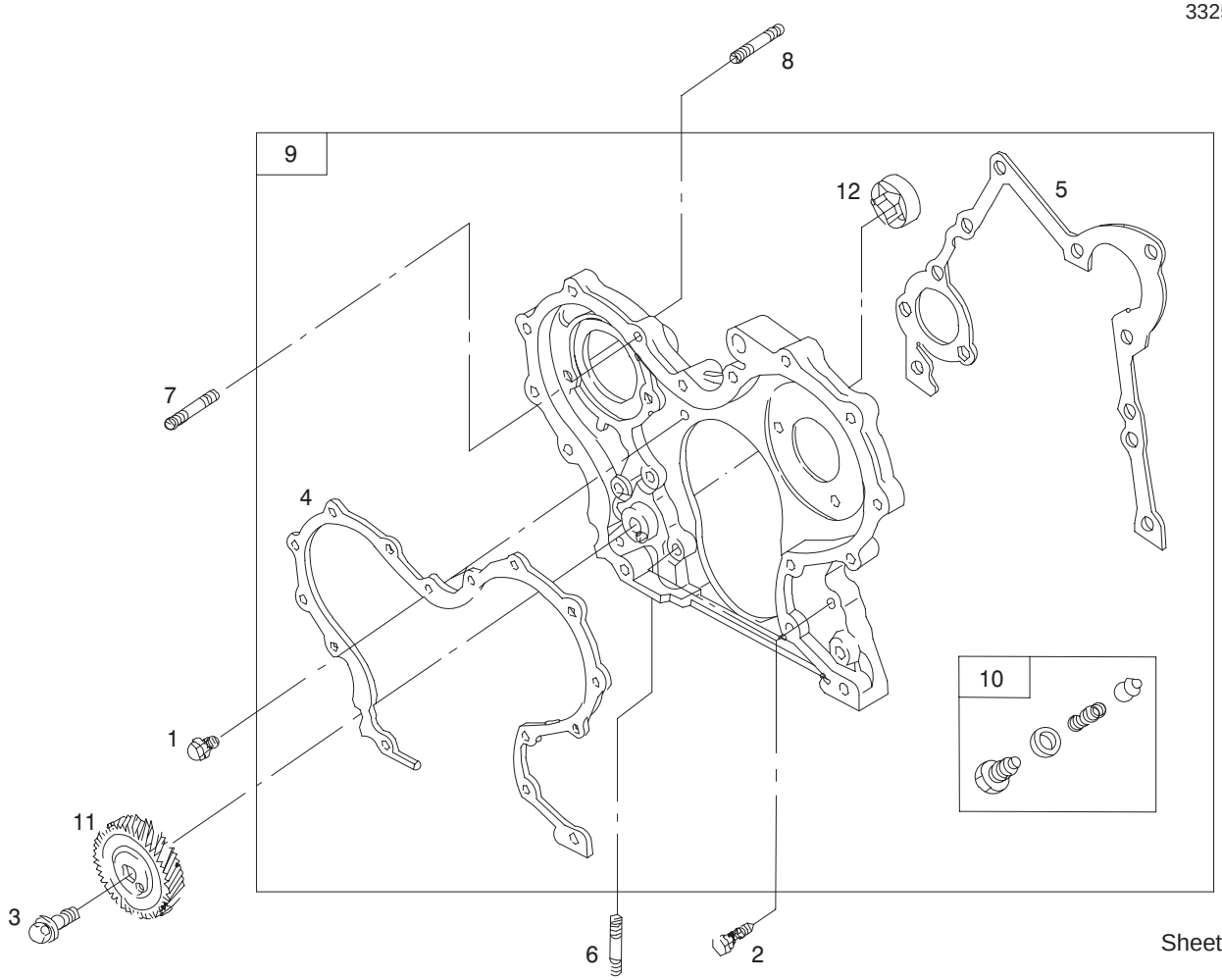


Sheet No.:9

Engine Assembly

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–Gear
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



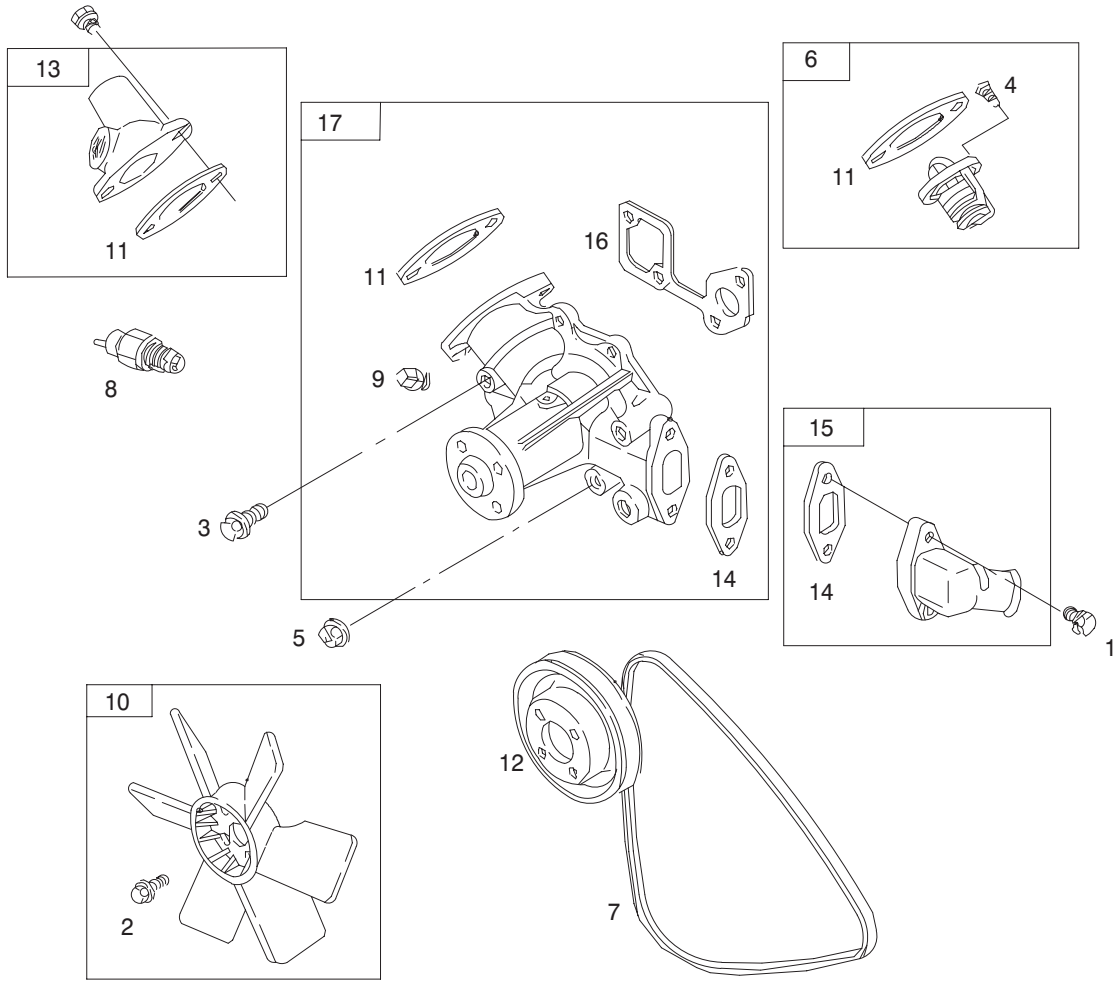
Sheet No.:10

Engine Assembly

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

Ref. No.	Part No.	Qty.	Description

3325–561

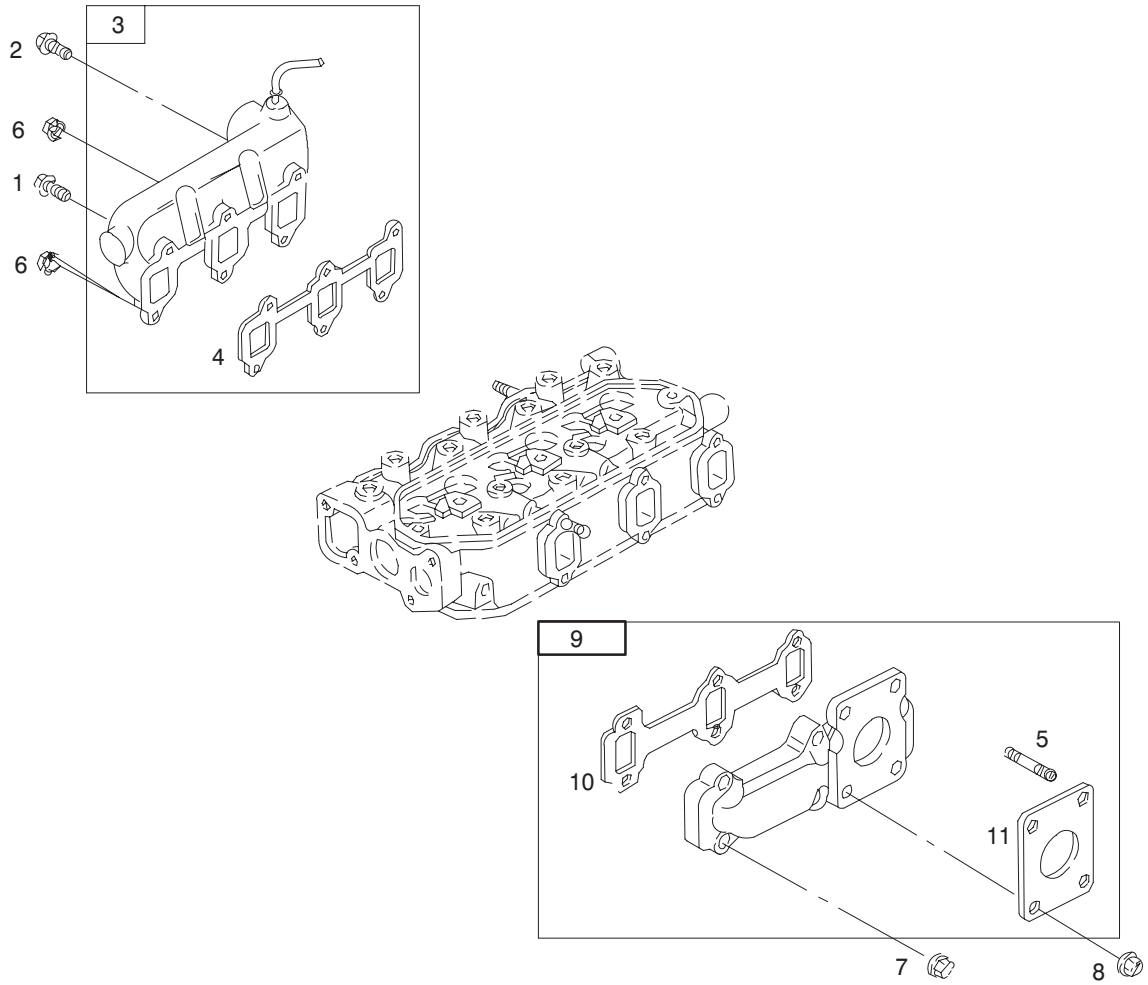


Sheet No.:11

Engine Assembly

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

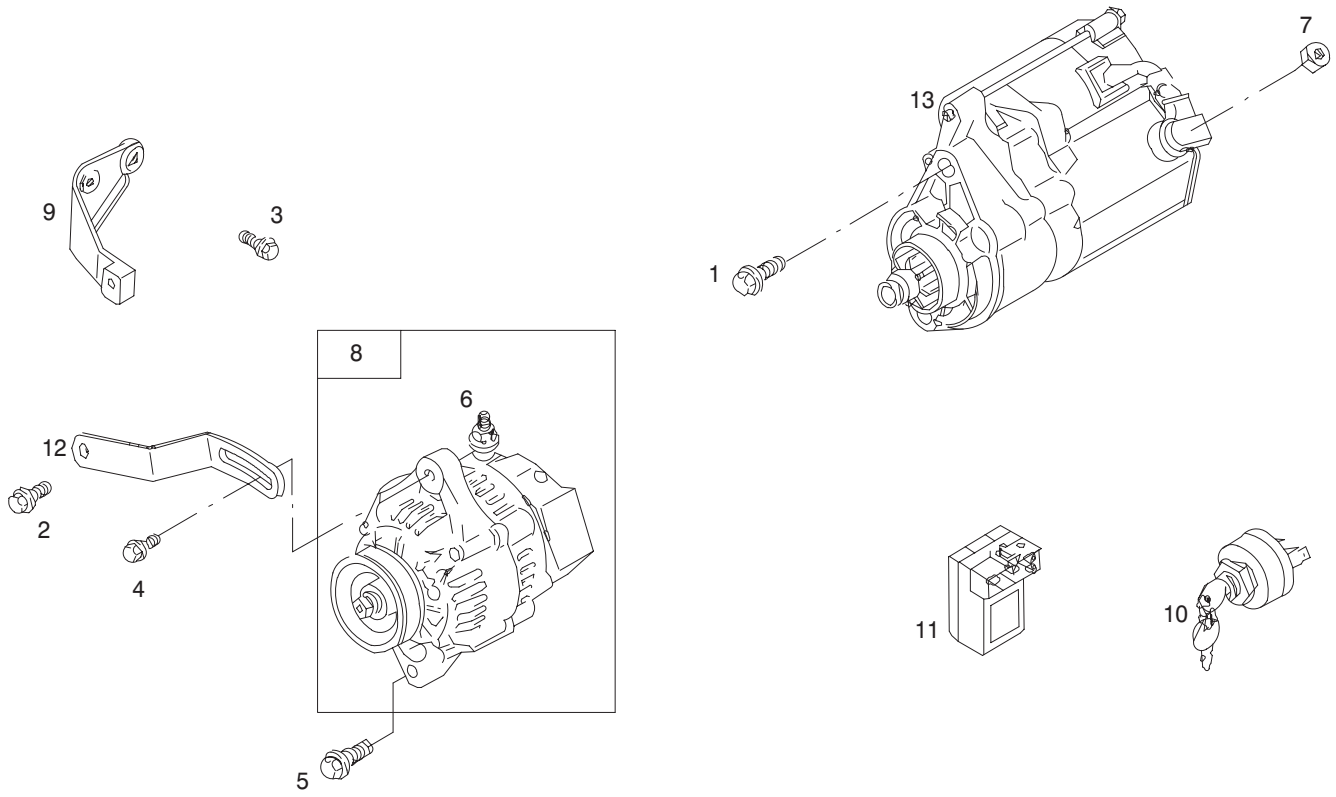


Sheet No.:12

Engine Assembly

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	99–9221	4	Stud–STD.
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

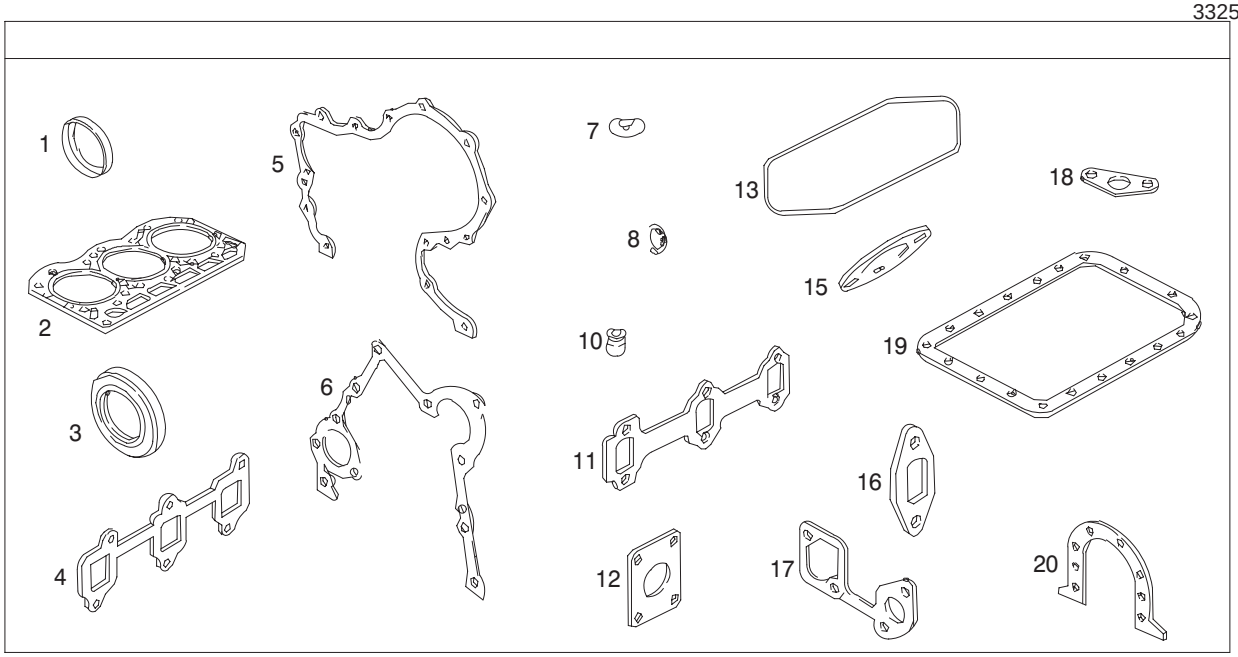


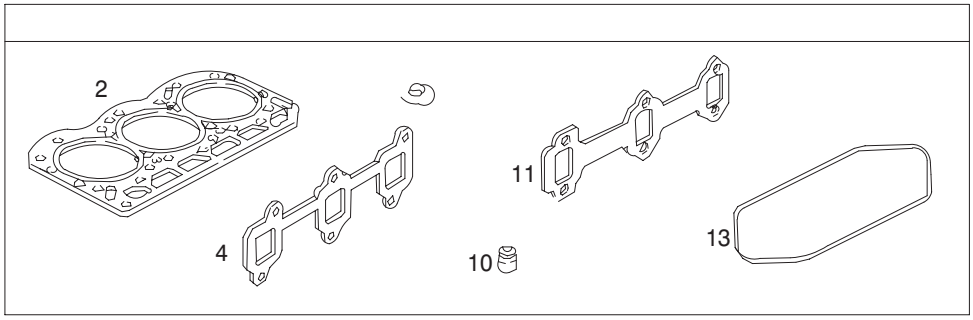
Sheet No.:13

Engine Assembly

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



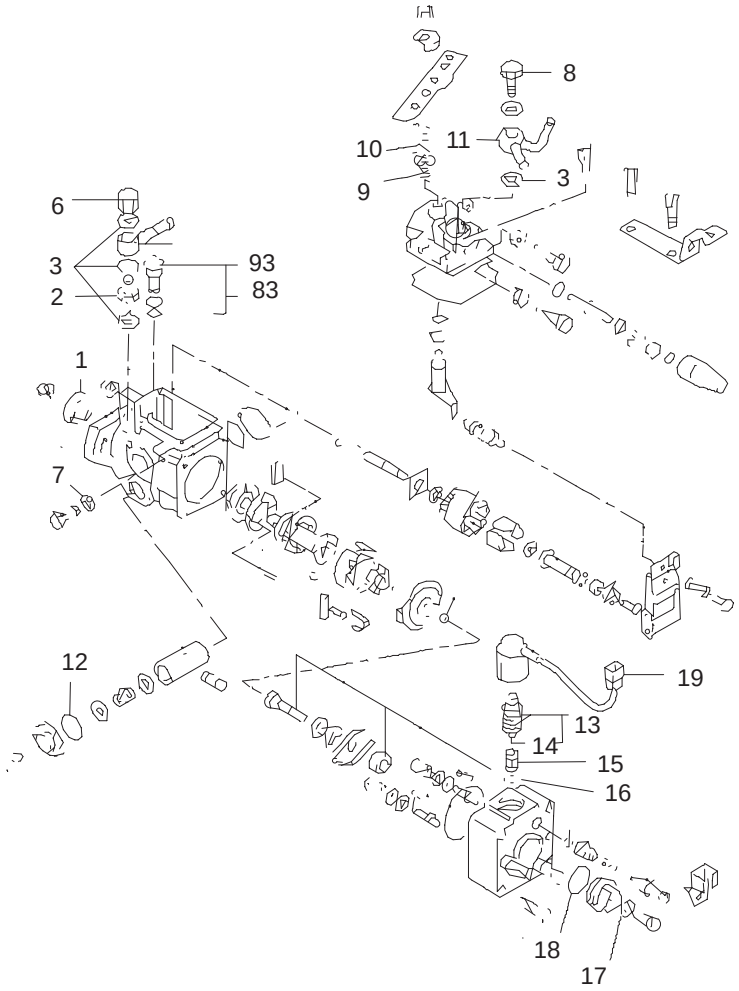


Sheet No.:14

Engine Assembly

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

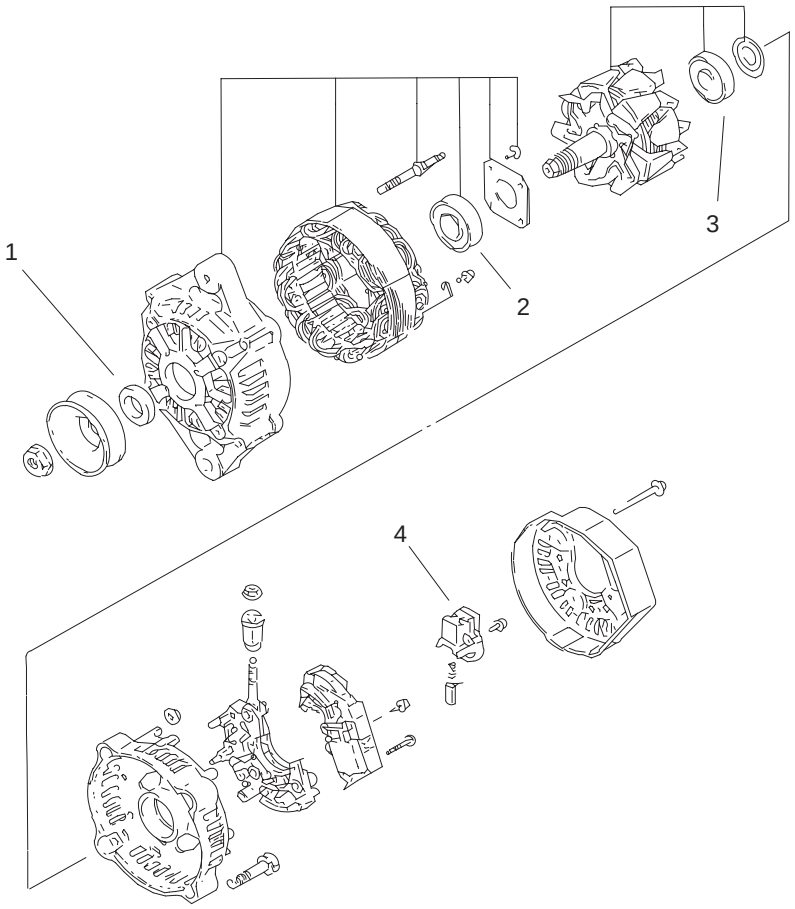


Sheet No.:A1

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	100–5190	1	Seal, Oil
2	100–5234	1	Screw, Hollow
3	100–5221	5	Washer, Air Bleede
4	100–5222	1	Nipple Sub–ASM, S
5	100–5230	1	Valve Sub–ASM, Re
6	100–5302	1	Nut, Cap
7	100–5314	2	Gasket, Delivery V
8	100–5220	1	Screw, Sub–ASM, Ov
9	100–5226	1	Spring Return
10	100–5228	1	Spring Return
11	100–5307	1	Nipple Sub–ASM,S
12	100–5202	2	O–Ring
13	100–5161	1	Solenoid ASM, Fule
14	100–5162	1	O–Ring
15	100–5303	1	Filter, Sub–ASM
16	100–5304	1	Washer
17	100–5205	1	Gasket, Delivery V
18	100–5206	1	O–Ring
19	100–5212	1	Wire, Sub ASM

Ref. No.	Part No.	Qty.	Description

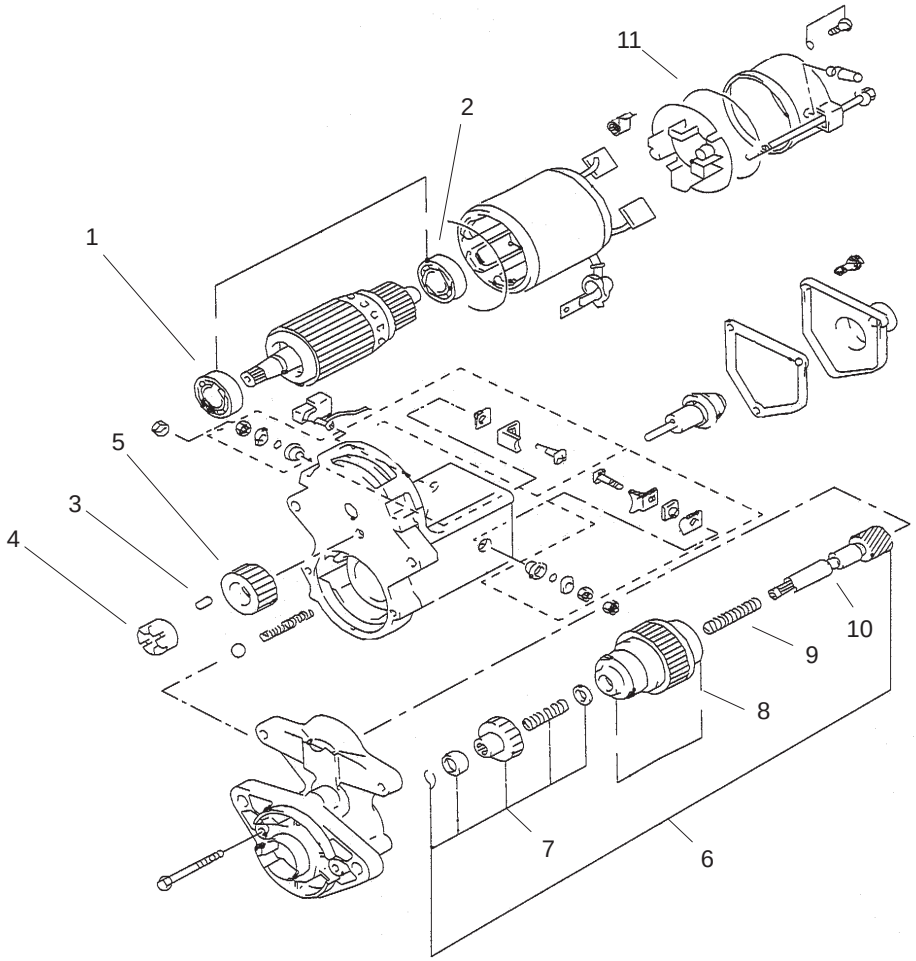


Sheet No.:A2

Engine Assembly

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

Ref. No.	Part No.	Qty.	Description



Sheet No.:A3

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	100–5319	1	Bearing
2	100–5320	1	Bearing
3	100–5321	5	Roller–Clutch
4	100–5322	1	Retainer
5	100–5323	1	Pinion,Starter
6	100–5324	1	Clutch Sub–ASM,Starter
7	100–5325	1	Starter Kit
8	100–5326	1	Clutch–Starter
9	100–5327	1	Spring
10	100–5328	1	Shaft
11	100–5329	2	O–Ring

Ref. No.	Part No.	Qty.	Description

Maintenance Record

Date								

Maintenance Record

Date								

Maintenance Record

Date								


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