



Z-Master[®] Z153

with 52" Side Discharge Mower

Model No. 74174—200000001 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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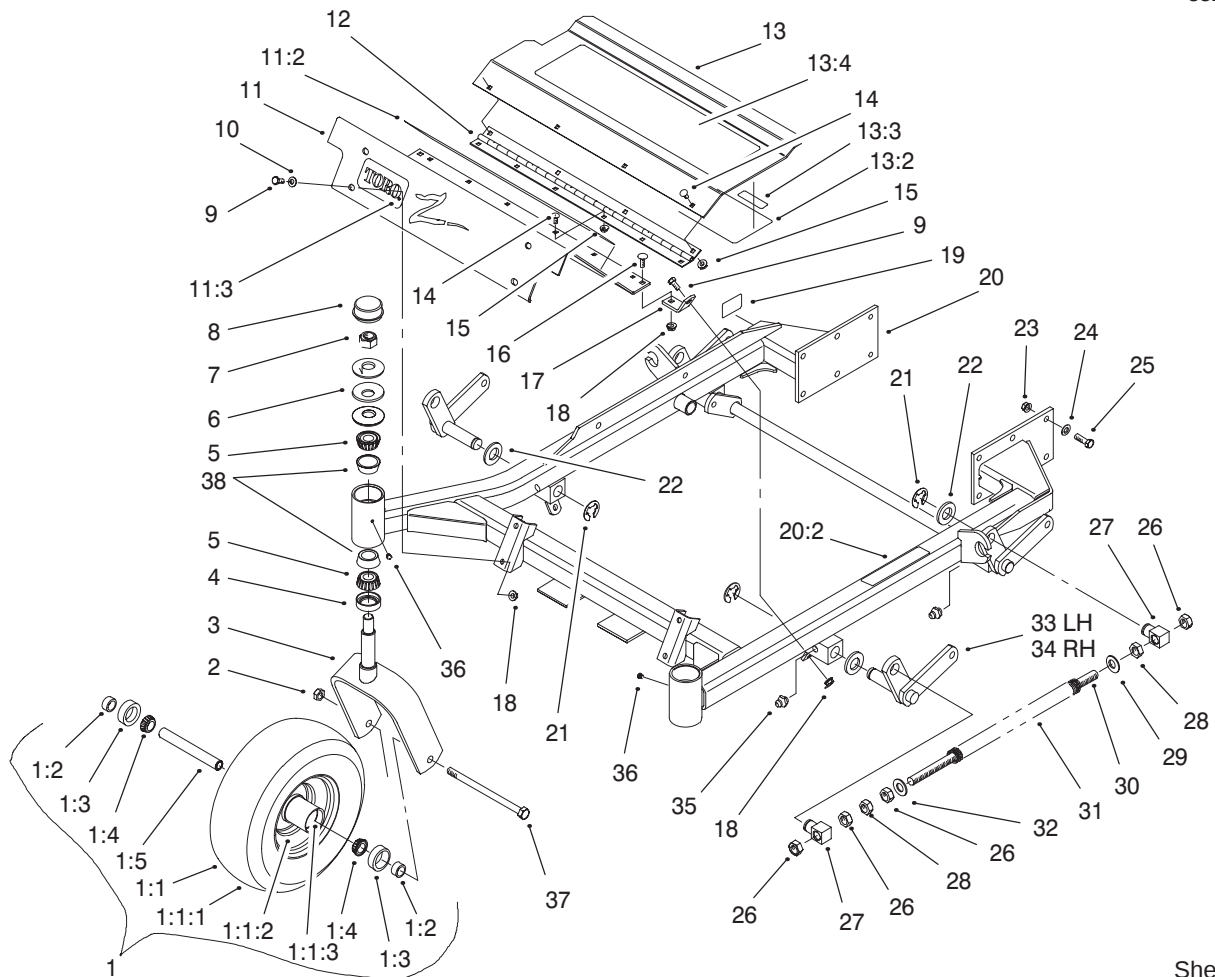
Accessories

Description	Model / Part No.	Description	Model / Part No.
Recycler Kit	59225	Grass Gobbler	30131
Bahaia Mulch Kit	59227	Striping Kit	30121
High Sail Blades		High Suspension Seat	74210
(3 required for improved bagging)	56–2390	High Shield Kit	99–8922
Bagging System	79460	Hitch Kit	99–8924

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

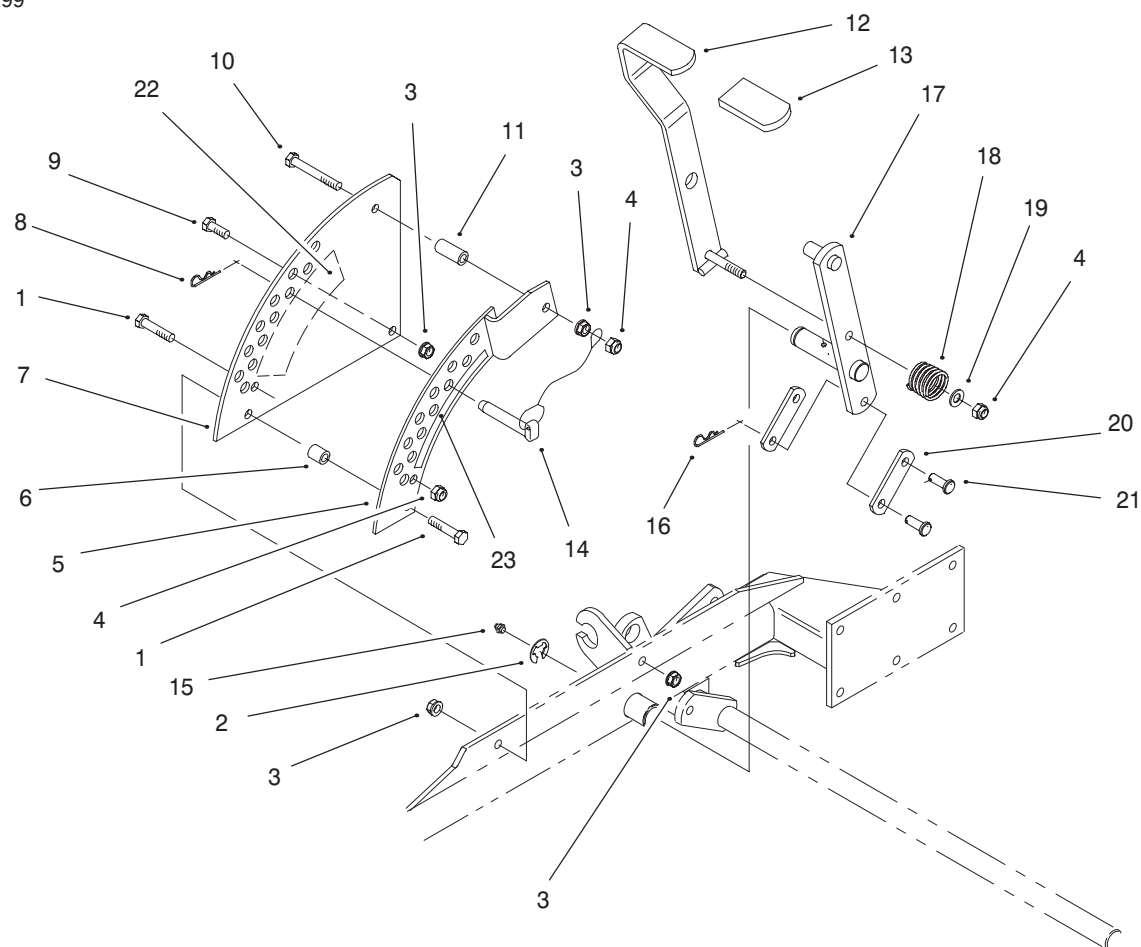


Sheet No.:2

Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	E632586	2	Caster Wheel ASM
1:1	E633582	1	Wheel & Tire ASM
1:1:1	E633002	1	Tire
1:1:2	E633583	1	Wheel
1:1:3	254-79	2	Bearing-Roller, Cup
1:2	E633581	2	Spacer-Bearing
1:3	E633580	2	Seal-Bearing
1:4	254-78	2	Cone-Bearing
1:5	E633579	1	Spacer-Caster, Front
2	3296-45	2	Nut-Lock, NI
3	E632511	2	Caster
4	E543511	2	Seal-Grease
5	254-94	4	Bearing-Taper/Cone
6	E633508	6	Washer-Bellevue
7	3296-51	2	Nut-Lock NI
8	E543513	2	Cap-Grease
9	322-3	6	Screw-HH
10	3256-23	4	Washer-Flat
11	99-3940	1	Floorpan-Front
11:2	E633553	1	Pad-Antiskid
11:3	E633737	1	Decal- Z-Master
12	E653049	1	Hinge-Floorpan
13	99-3930	1	Footrest ASM
13:2	99-3924	1	Decal-Service
13:3	98-5954	1	Decal-Missing, Cover
13:4	E633553	1	Pad-Antiskid

Ref. No.	Part No.	Qty.	Description
14	3229-10	10	Screw-CARR
15	32128-33	10	Nut-HF
16	3230-1	2	Screw-CARR
17	99-3870-01	2	Bracket-Floorpan
18	32128-20	8	Nut-HF
19	88-1270	1	Decal-Safety STD
20	99-3931	1	Front Frame ASM
20:2	E633818	1	Decal
21	32151-103	6	Ring-Snap
22	3256-29	6	Washer-Flat
23	3290-357	12	Nut-Flange, Lock
24	E303327	12	Washer-Spring, Disc
25	323-7	12	Screw-HH
26	3217-11	8	Nut-Hex
27	E633441	4	Swivel-Mount, Deck
28	3218-6	4	Nut-Jam
29	3256-7	2	Washer-Flat
30	E653011	2	Rod-Deck Lift
31	E653009	2	Spring-Assist, Lift
32	3256-27	2	Washer-Flat
33	99-3871-01	1	LH Lift Arm ASM
34	99-3872-01	1	RH Lift Arm ASM
35	302-58	4	Zerk
36	E811010	2	Plug-Swivel, Caster
37	E800339	2	Screw-HH
38	254-72	4	Bearing-Taper/Cup

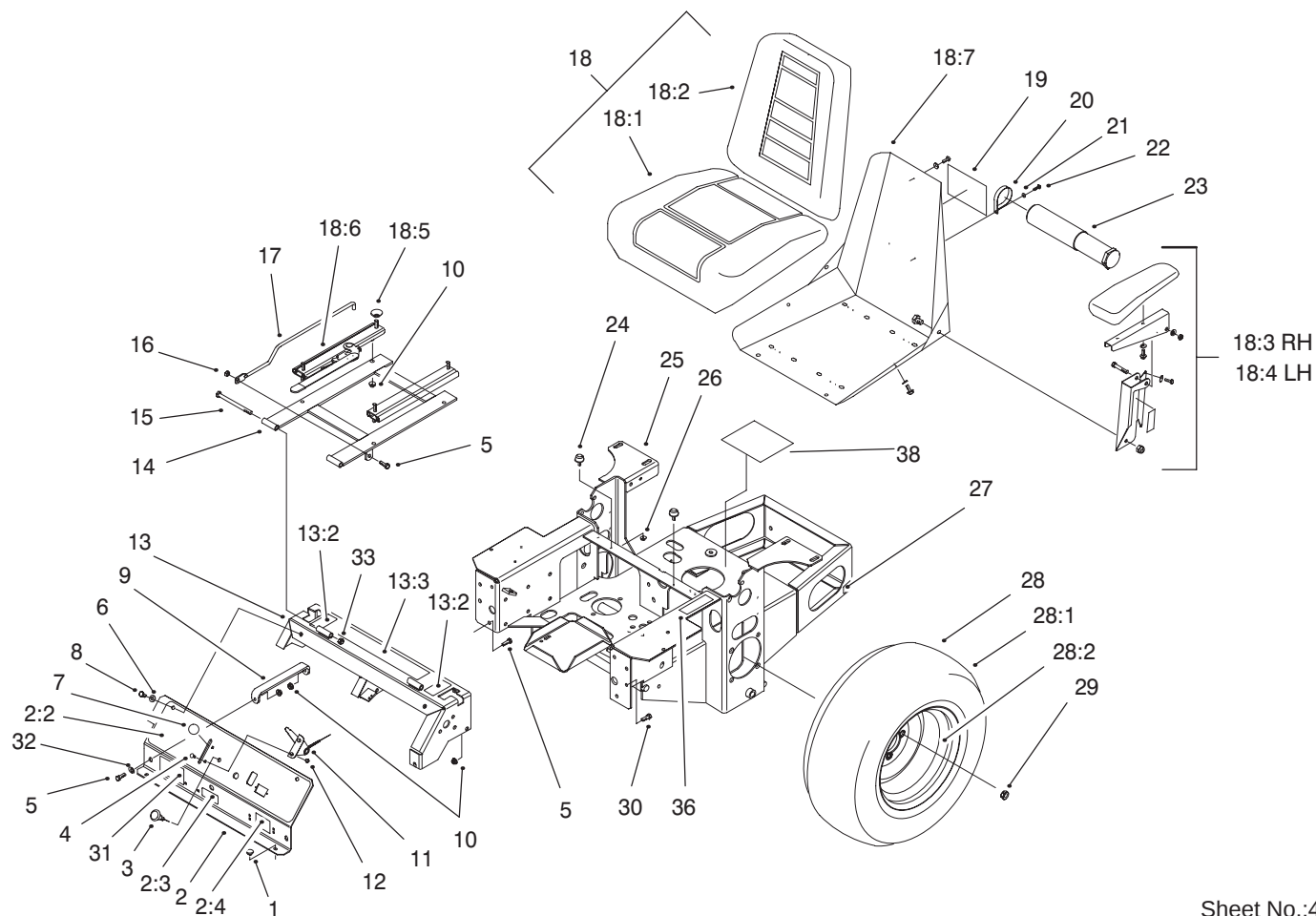


Sheet No.:3

Height of Cut Handle and Plates Assembly

Ref. No.	Part No.	Qty.	Description
1	323-9	2	Screw-HH
2	32151-103	1	Ring-Snap
3	3290-357	3	Nut-Flange, Lock
4	3296-39	3	Nut-Lock, NI
5	E652235	1	Plate-Lift, Deck
6	E633080	1	Bushing-Lever, Lift
7	E653230	1	Plate
8	E806005	1	Hairpin
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	E633082	1	Bushing-Lever, Lift
12	E652023	1	Lever-Lift
13	E633295	1	Grip-Lever, Lift
14	E633097	1	Pin-Hitch w/Lanyard
15	302-58	1	Zerk
16	E806003	2	Pin-Cotter, Hair
17	99-3922-03	1	Arm-Lift
18	E633325	1	Spring-Compression
19	3256-24	1	Washer-Flat
20	E633068	2	Arm-Lift, Deck
21	283-2	2	Pin-Clevis
22	E653140	1	Decal-Height, Deck
23	E653147	1	Decal-Height, Deck

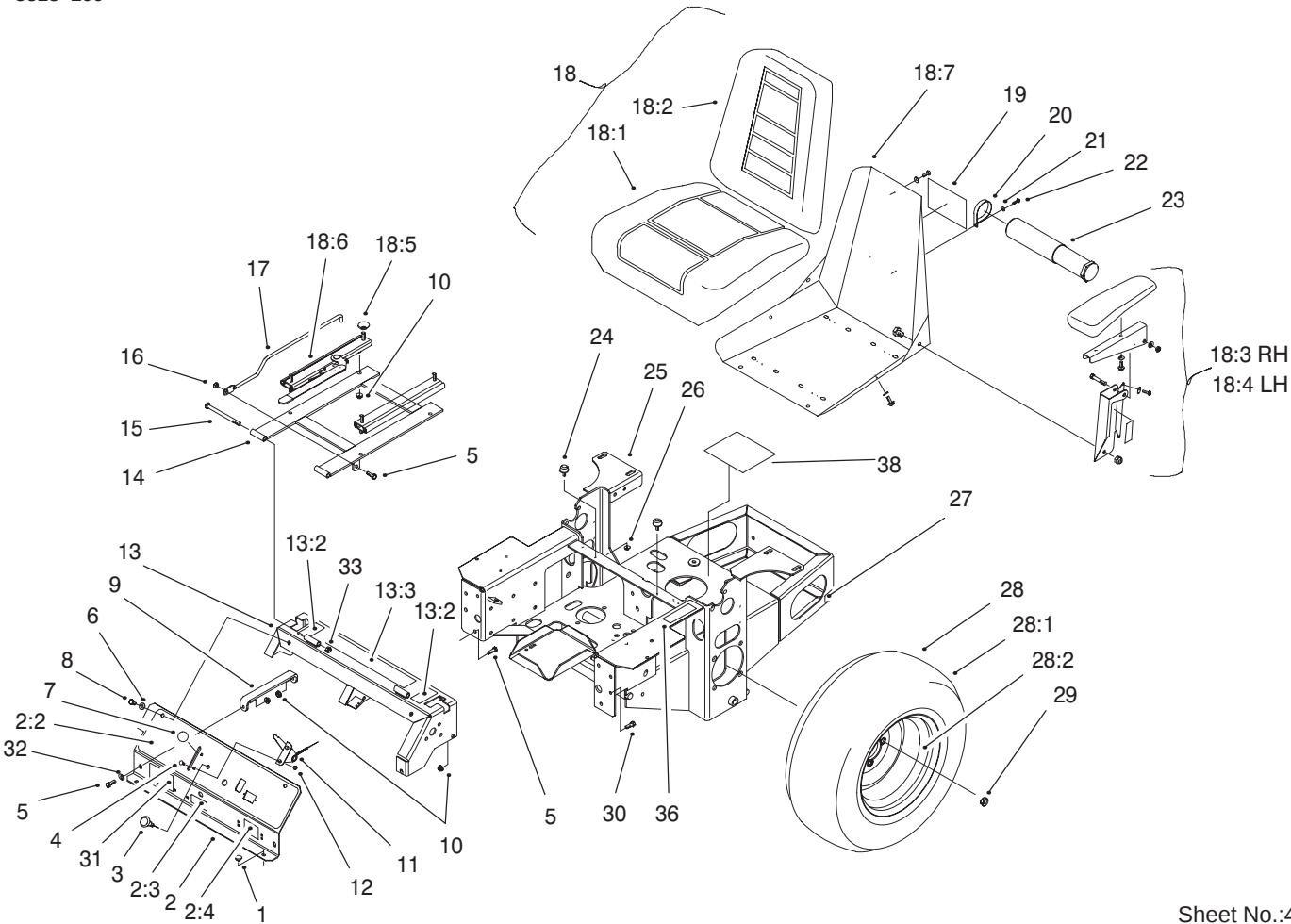
Ref. No.	Part No.	Qty.	Description



Sheet No.:4

Main Frame Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	E513658	2	Bumper–Catcher, Grass	18:1	E543407	1	Cushion–Seat
2	99–3932	1	Control Panel ASM	18:2	E633709	1	Cushion–Backrest
2:2	99–3942	1	Decal–Panel, Control	18:3	E633710	1	Armrest–RH
2:3	E633346	1	Decal–Valve, Fuel	18:4	E633711	1	Armrest–LH
2:4	98–4387	1	Decal–Protection, Ear	18:5	E543401	4	Spacer–Track
3	E603336	1	Control–Choke, Push–Pull	18:6	E643255	1	Track–Locking, 4”
4	E807513	2	Bolt–CARR	18:7	E633859	1	Frame–Seat
5	322–5	3	Screw–HH	19	93–7340	1	Decal–Toro
6	3256–23	2	Washer–Flat	20	2412–120	2	R–Clamp
7	E513592	1	Knob–Ball, Red	21	3256–14	2	Washer–Flat
8	322–3	3	Screw–HH	22	32144–34	2	Screw–Forming, Thread
9	E653089	1	Bracket–Panel, Instrument	23	74–0720	1	Tube–Manual
10	32128–20	12	Nut–HF	24	E523420	2	Bumper
11	E633696	1	Cable–Throttle	25	E652470	1	Frame–Engine Deck
12	3296–2	2	Nut–Lock	26	32128–33	2	Nut–HF
13	99–3933	1	Console ASM	27	65–2690	2	Decal–Surface, Hot
13:2	E633354	2	Decal–Control, Motion	28	E653159	2	Wheel And Tire ASM
13:3	E513747	1	Decal–Battery	28:1	E653160	1	Tire
14	E632187	1	Frame–Seat	28:2	E653161	1	Wheel
15	321–21	2	Screw–HH	29	E513011	8	Nut–Wheel
16	3296–29	1	Nut–Lock, NI	30	322–2	6	Screw–HH
17	E653495	1	Rod–Hold Up, Seat	31	100–3969	1	Decal–Z153
18	E633705	1	Seat ASM	32	3256–3	2	Washer–Flat
				33	3296–39	2	Nut–Lock, NI

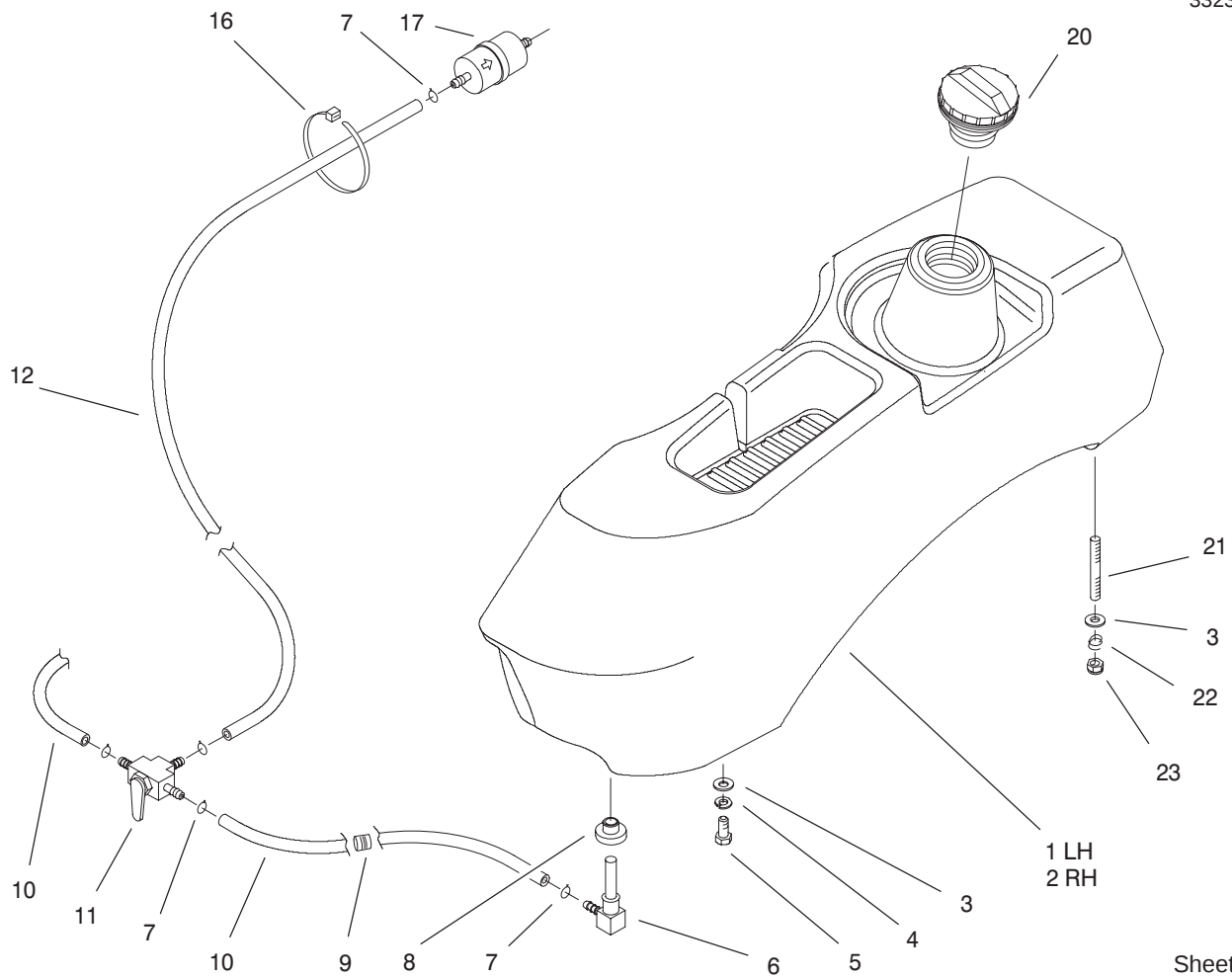


Sheet No.:4

Main Frame Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
36	E603845	1	Decal-Release, Drive Wheel
38	E643372	1	Decal-Hazardous Mat.

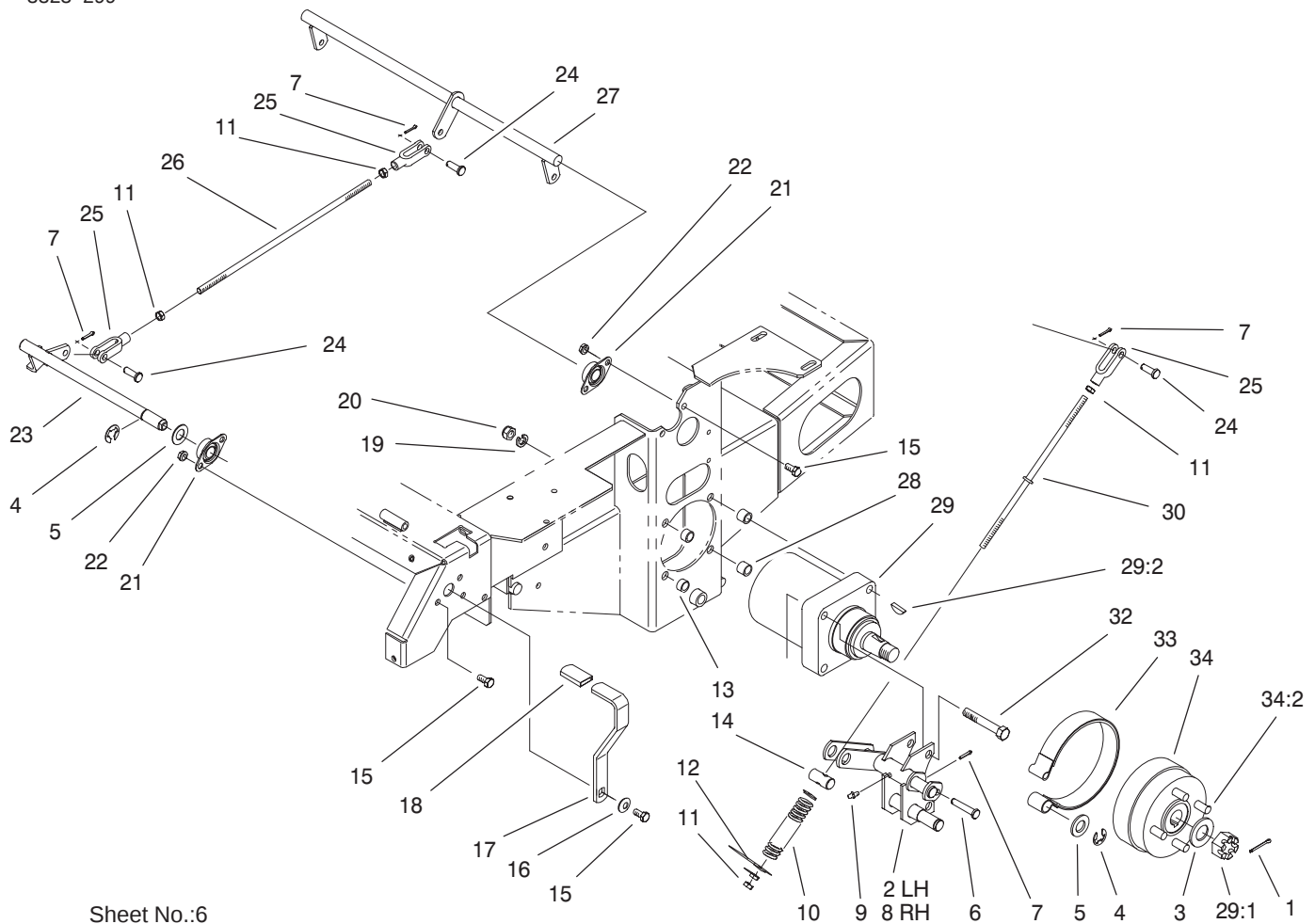
Ref. No.	Part No.	Qty.	Description



Sheet No.:5

Fuel System Assembly

Ref. No.	Part No.	Qty.	Description
1	99-4606	1	Tank-Fuel, LH
2	99-4605	1	Tank-Fuel, RH
3	3256-23	8	Washer-Flat
4	3253-4	4	Washer-Lock/Sp
5	322-3	4	Screw-HH
6	E543277	2	Elbow-Tank, Fuel
7	E303007	6	Clamp
8	E513645	2	Bushing-Valve, Fuel
9	E543296	2	Grommet-Line, Fuel
10	E543526	2	Line-Fuel
11	E633347	1	Valve-Line, Fuel
12	E633348	1	Line-Fuel
13	321-4	1	Screw-HH
14	E513762	1	Clip
15	3296-42	1	Nut-Lock
16	E303335	1	Tie-Plastic
17	2405002	1	Filter-Fuel
20	93-3101	2	Cap-Fuel
21	E633023	4	Stud
22	E633349	4	Spring-Tank, Fuel
23	3296-47	4	Nut-Lock, NI

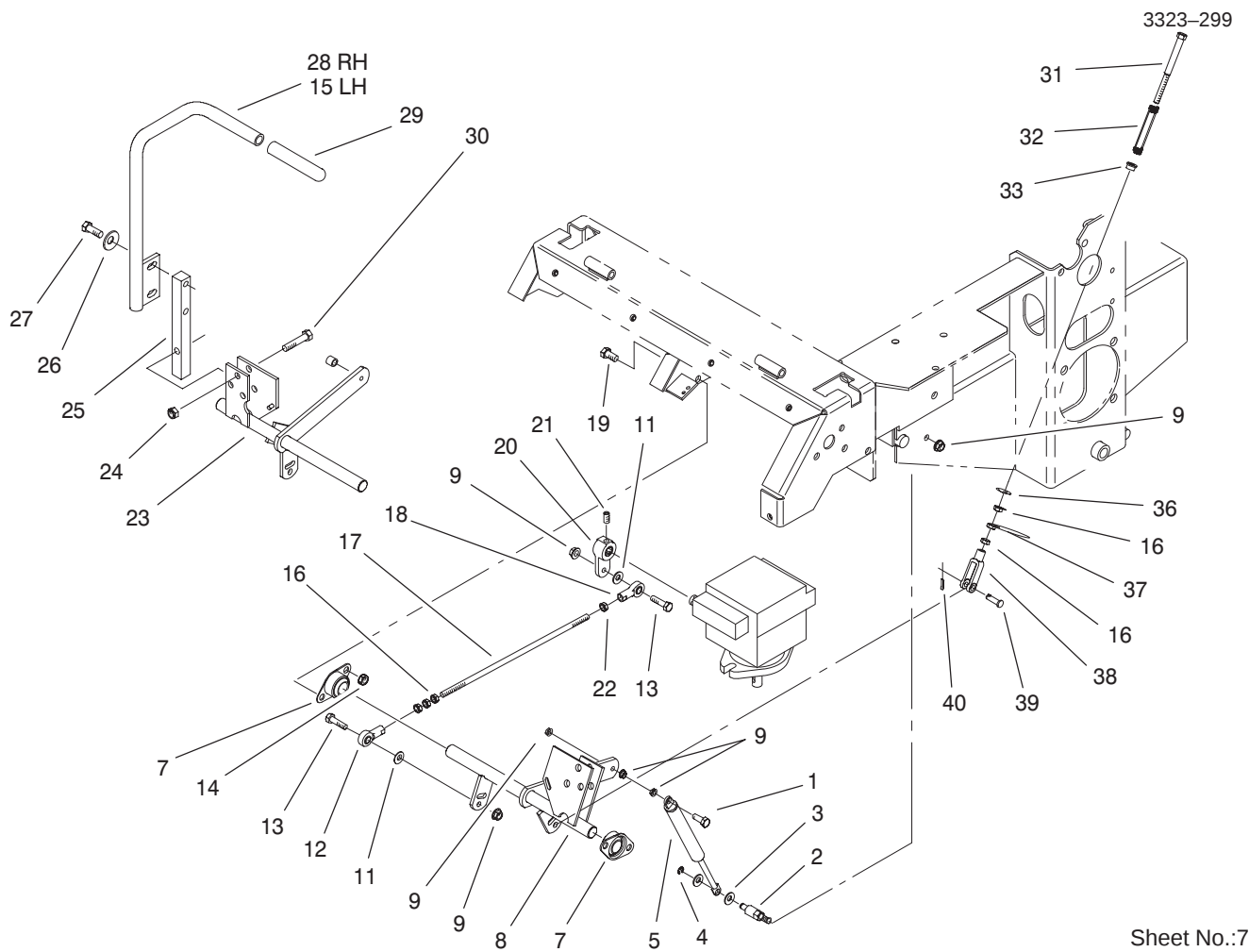


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Parking Brake System Assembly

Ref. No.	Part No.	Qty.	Description
1	E806800	2	Pin-Cotter
2	E652134	1	Bracket-Brake, LH
3	E523157	2	Spacer
4	E808514	3	Ring-Retaining
5	3256-28	3	Washer-Flat
6	E808283	2	Pin-Clevis
7	3272-10	6	Pin-Cotter
8	E652135	1	Bracket-Brake, RH
9	E811007	2	Fitting-Grease
10	E633454	2	Spring-Brake
11	3219-3	8	Nut-Hex
12	3256-4	4	Washer-Flat
13	E653069	4	Spacer
14	E633144	2	Pin-Trunion
15	323-4	9	Screw-HH
16	E303327	1	Washer-Spring, Disc
17	E653074	1	Handle-Brake, Park
18	E633268	1	Grip-Lever, Brake
19	3253-7	8	Washer-Lock/Sp
20	3217-9	8	Nut-Hex
21	E633102	4	Bearing-Flange, Side
22	3290-357	8	Nut-Flange, Lock
23	E652085	1	Shaft-Brake
24	E808285	4	Pin-Clevis
25	E633131	4	Yoke-Linkage, Brake

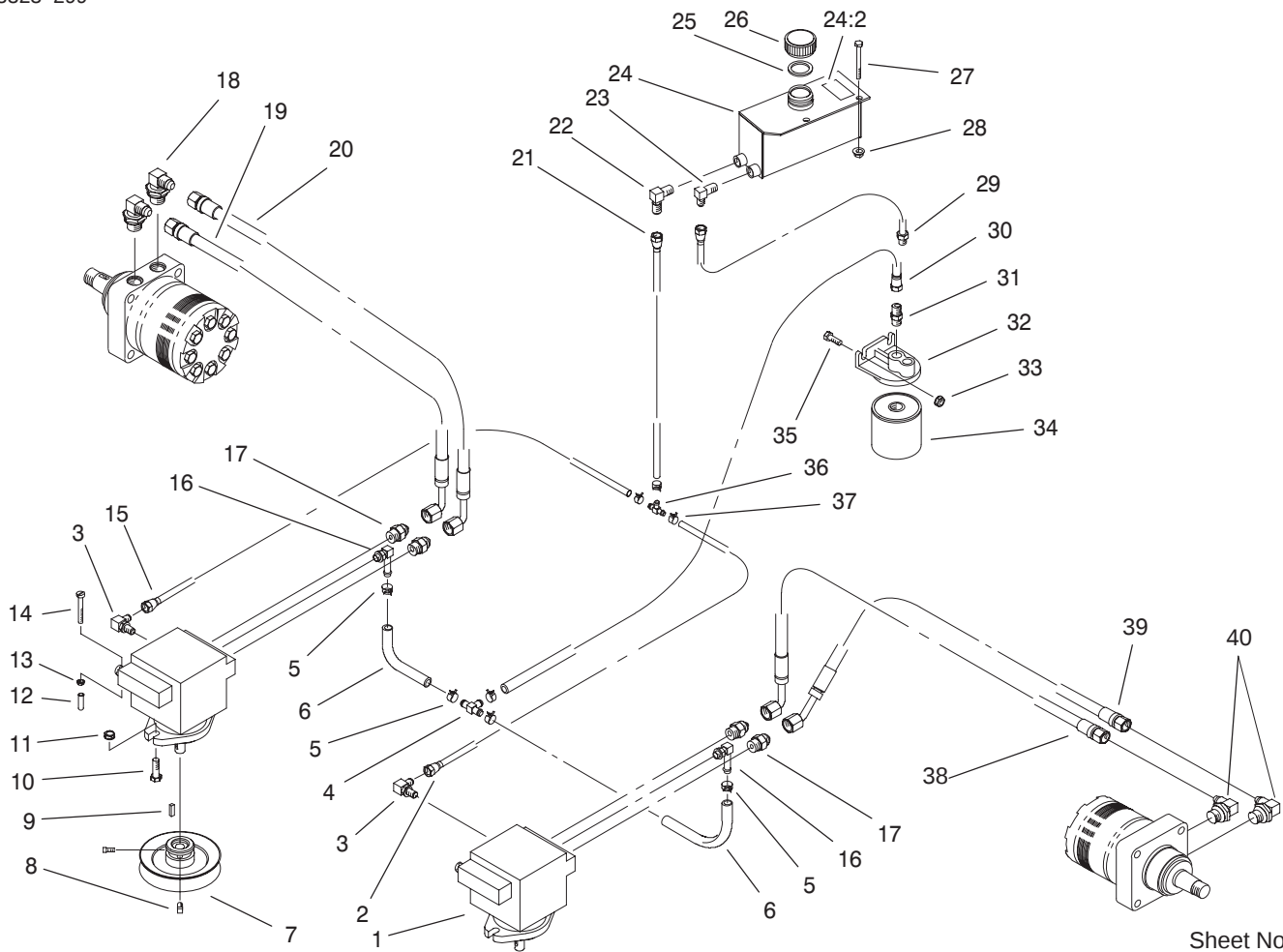
Ref. No.	Part No.	Qty.	Description
26	E653061	1	Linkage-Handle, Brake
27	E652073	1	Crank-Brake
28	E653068	4	Spacer
29	E523328	2	Motor-Wheel
29:1	E809036	1	Nut-Castle
29:2	E807020	1	Key-Woodruff
30	E633477	2	Rod-Brake
32	325-13	8	Screw-HH
33	E633693	2	Band-Brake
34	E634927	2	Hub And Drum ASM
34:2	E633926	4	Stud-Wheel



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Motion Control System Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	322-7	2	Bolt-Shoulder	27	323-6	4	Screw-HH
2	E653316	2	Pin-Dampner Anchor	28	E632193	1	Lever-RH
3	3256-23	6	Washer-Flat	29	E633257	2	Grip-Control, Motion
4	E808512	2	E-Ring	30	323-9	6	Screw-HH
5	E523027	2	Damper-Control	31	E603737	2	Bolt-Return, Neutral
7	E633102	4	Bearing-Flange, Side	32	E603807	2	Spring-Return, Neutral
8	E652105	1	Bracket-Motion Control, LH	33	E603735	2	Bushing-Flanged, Nylon
9	32128-20	12	Nut-HF	36	3256-2	2	Washer-Flat
11	3256-3	4	Washer-Flat	37	3220-2	2	Nut-Jam
12	E543017	2	Joint-Ball	38	E303105	2	Yoke-Adjustable
13	322-6	4	Screw-HH	39	E808280	2	Pin-Clevis
14	3290-357	8	Nut-Flange, Lock	40	3272-5	2	Pin-Cotter
15	E632191	1	Lever-LH				
16	3219-2	10	Nut-Hex				
17	E653046	2	Link-Control, Pump				
18	E633152	2	Joint-Ball, LH Thread				
19	323-4	8	Screw-HH				
20	E653092	2	Arm-Control, Pump				
21	E803022	2	Screw				
22	E804524	2	Nut				
23	E652466	1	Bracket-Motion Control, RH				
24	3296-39	6	Nut-Lock, NI				
25	E633177	2	Arm				
26	E303327	4	Washer-Spring, Disc				

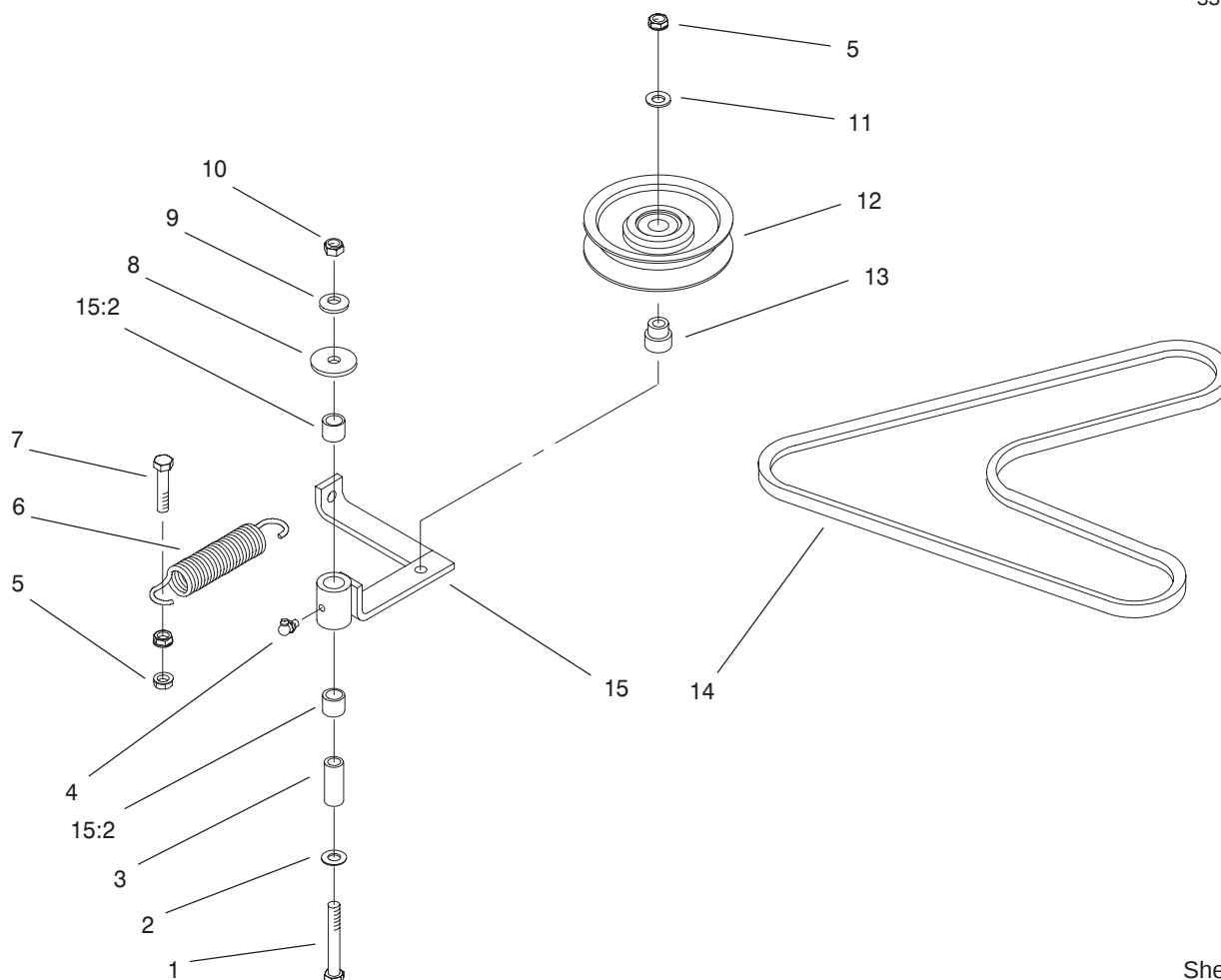


Sheet No.:8

Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
1	E603841	2	Pump-Hydro
2	E632285	1	Hose-Low Pressure
3	E513840	2	Elbow-90 DEG
4	E603721	1	Fitting
5	E603827	5	Clamp-Hose
6	E413273	2	Hose-Low Pressure
7	E413010	2	Sheave w/Hub
8	3242-4	4	Screw-Set, SQH
9	E807272	2	Key
10	323-7	4	Screw-HH
11	3290-357	4	Nut-Flange, Lock
12	E613073	2	Grip
13	3296-42	2	Nut-Lock
14	E801063	4	Screw-PPH
15	E632286	1	Hose-Low Pressure
16	E603989	2	Elbow
17	E603990	4	Adapter
18	E633605	2	Elbow 90
19	E653186	1	Hose
20	E653187	1	Hose
21	E654144	1	Hose
22	E603987	1	Elbow
23	E603988	1	Elbow
24	99-4625	1	Hydraulic Tank ASM

Ref. No.	Part No.	Qty.	Description
24:2	E523552	1	Decal - Hydraulic Tank, Hot Surface
25	E523103	1	Gasket-Tank/Cap
26	E513167	1	Cap-Reservoir, Hydraulic
27	321-15	2	Screw-HH
28	32128-33	2	Nut-HF
29	E654320	1	Hose
30	E654509	1	Hose
31	E513510	1	Connector
32	E603720	1	Head-Filter
33	32128-20	2	Nut-HF
34	E633752	1	Filter-Hydro, Winter
34	E633750	1	Filter-Hydro
35	322-5	2	Screw-HH
36	E603722	1	Fitting
37	E603826	3	Clamp-Hose
38	E653409	1	Hose
39	E653410	1	Hose
40	E633786	2	Elbow

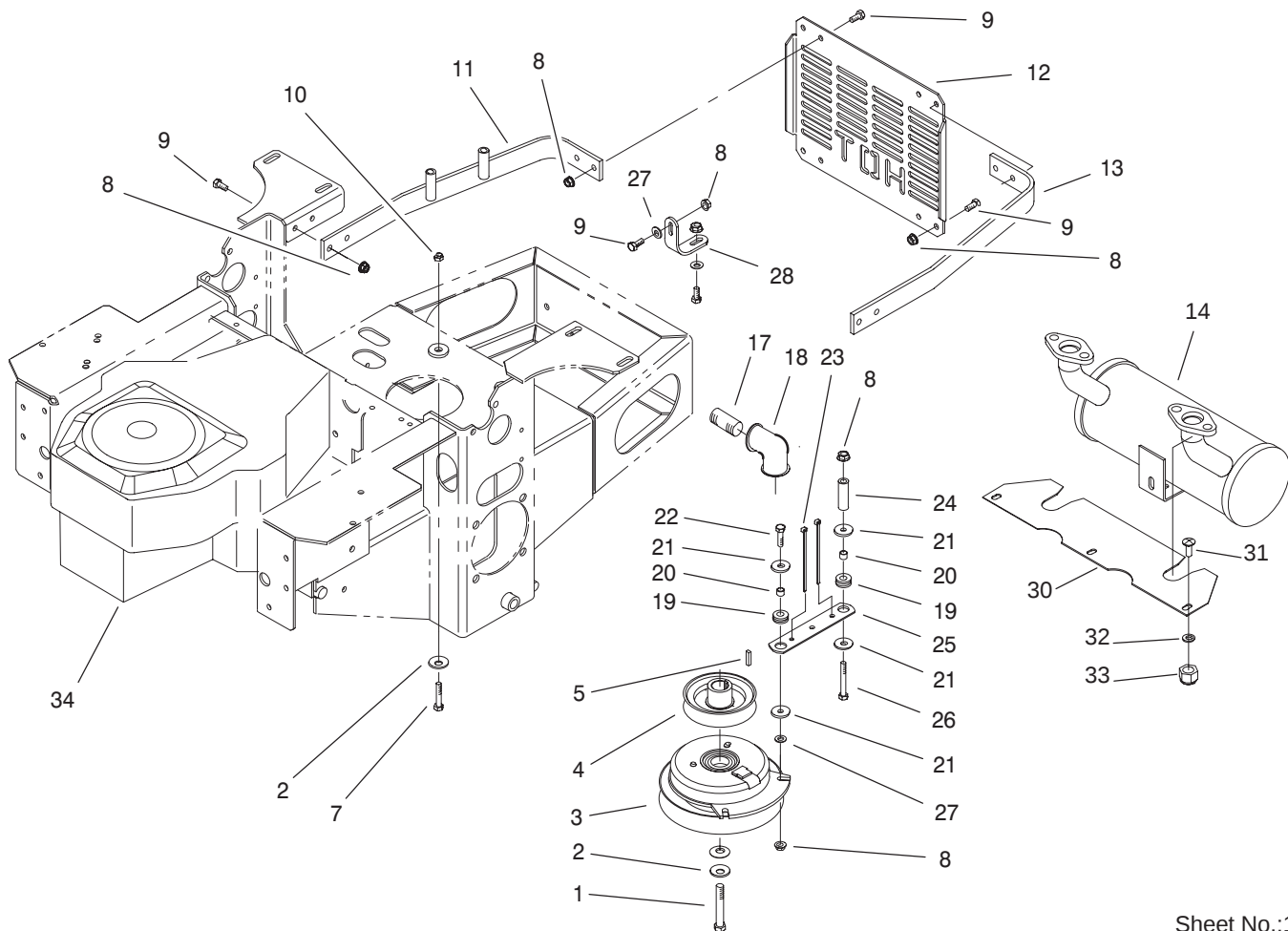


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Pump, Idler and Belt Assembly

Ref. No.	Part No.	Qty.	Description
1	323-13	1	Screw-HH
2	3256-4	1	Washer-Flat
3	E603044	1	Bushing
4	E811008	1	Fitting-Grease
5	3290-357	3	Nut-Flange, Lock
6	E603414	1	Spring-Extension
7	323-9	1	Screw-HH
8	E213069	1	Washer
9	E303327	1	Washer-Spring, Disc
10	3296-39	1	Nut-Lock, NI
11	3256-24	1	Washer-Flat
12	E603843	1	Pulley-Idler
13	E603496	1	Bushing-Idler
14	E653580	1	Belt-Pump Drive
15	E654143	1	Idler Arm w/Bushings, Zerk
15:2	E513034	2	Bearing-Pivot

Ref. No.	Part No.	Qty.	Description



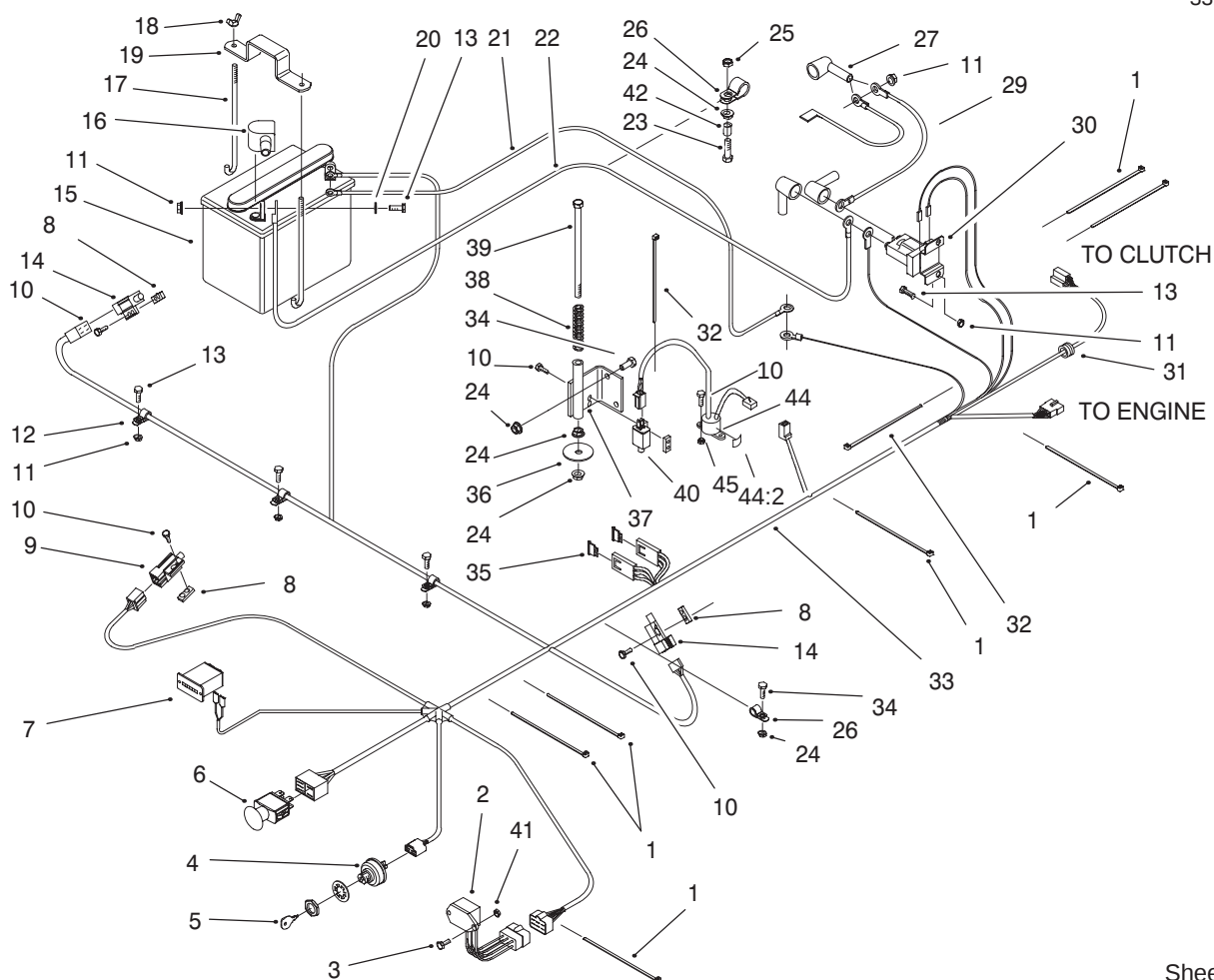
Sheet No.:10

Engine and Clutch Assembly

Ref. No.	Part No.	Qty.	Description
1	3212-10	1	Screw-HH
2	E603610	2	Washer-Spring, Disc
3	E653048	1	Clutch
4	E653035	1	Sheave-Pump Drive
5	E807259	1	Key
6	E543214	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	16	Nut-HF
9	322-3	14	Screw-HH
10	32128-20	4	Nut-HF
11	E652146	1	Strap-Guard, Engine
12	E653095	1	Shield-Guard, Engine
13	E653093	1	Strap-Guard, Engine
14	E653195	1	Muffler
17	E543064	1	Pipe Nipple
18	E303428	1	Elbow
19	E633630	2	Grommet
20	E633545	2	Spacer-Grommet
21	E613235	4	Washer
22	322-6	1	Screw-HH
23	E303335	2	Tie-Plastic
24	E523406	1	Bushing-Mount, Seat
25	E633543	1	Strap-Clutch/Brake
26	322-22	1	Screw-HH
27	3256-3	3	Washer-Flat

Ref. No.	Part No.	Qty.	Description
28	E653196	1	Bracket-Support, Muffler
30	E653539	1	Shield-Heat
31	3230-1	3	Screw-CARR
32	3256-23	3	Washer-Flat
33	3296-29	3	Nut-Lock NI
34	E653385	1	Engine-23hp Kohler CV23-75526

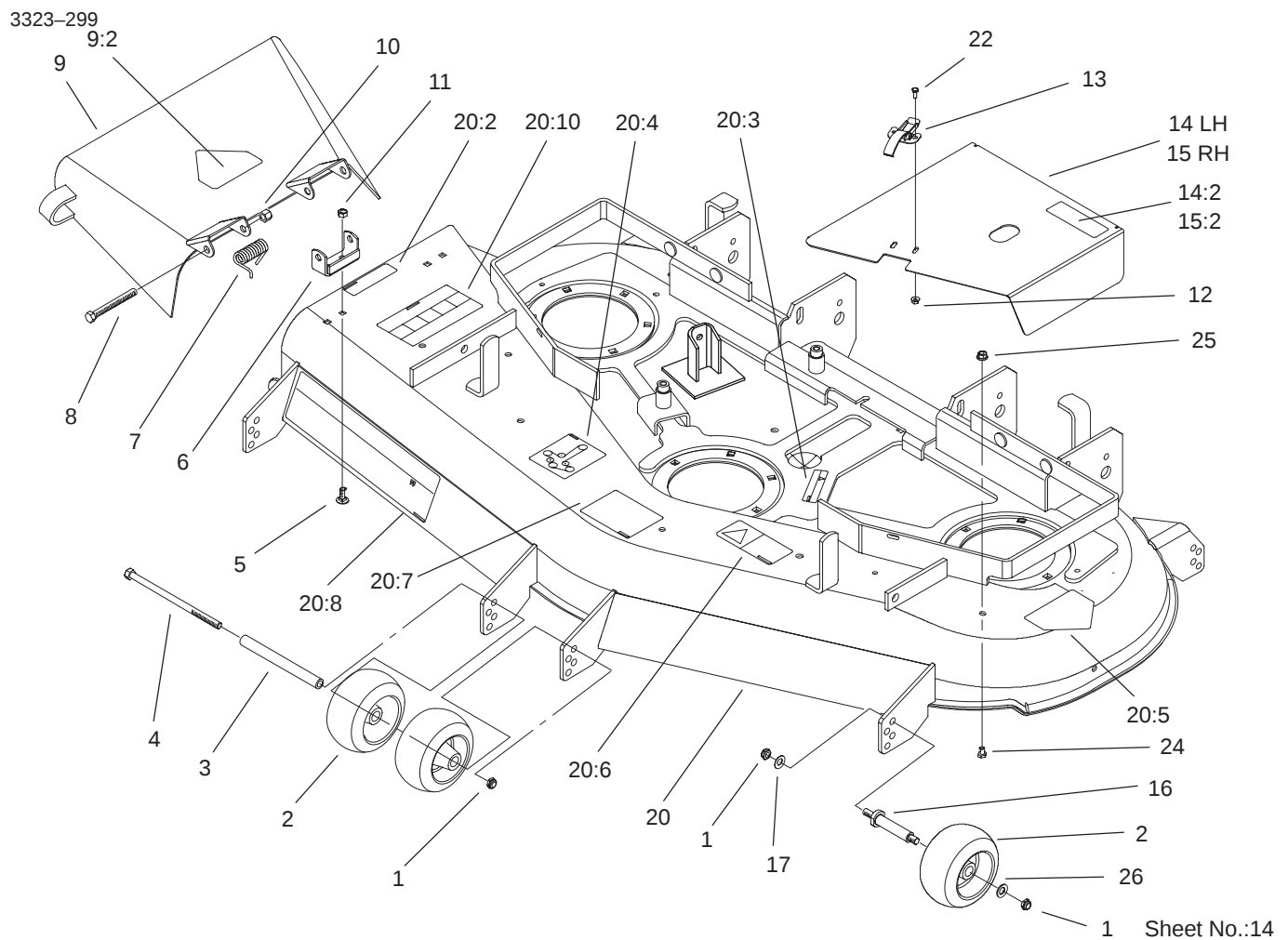
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Sheet No.:11

Electrical System Assembly

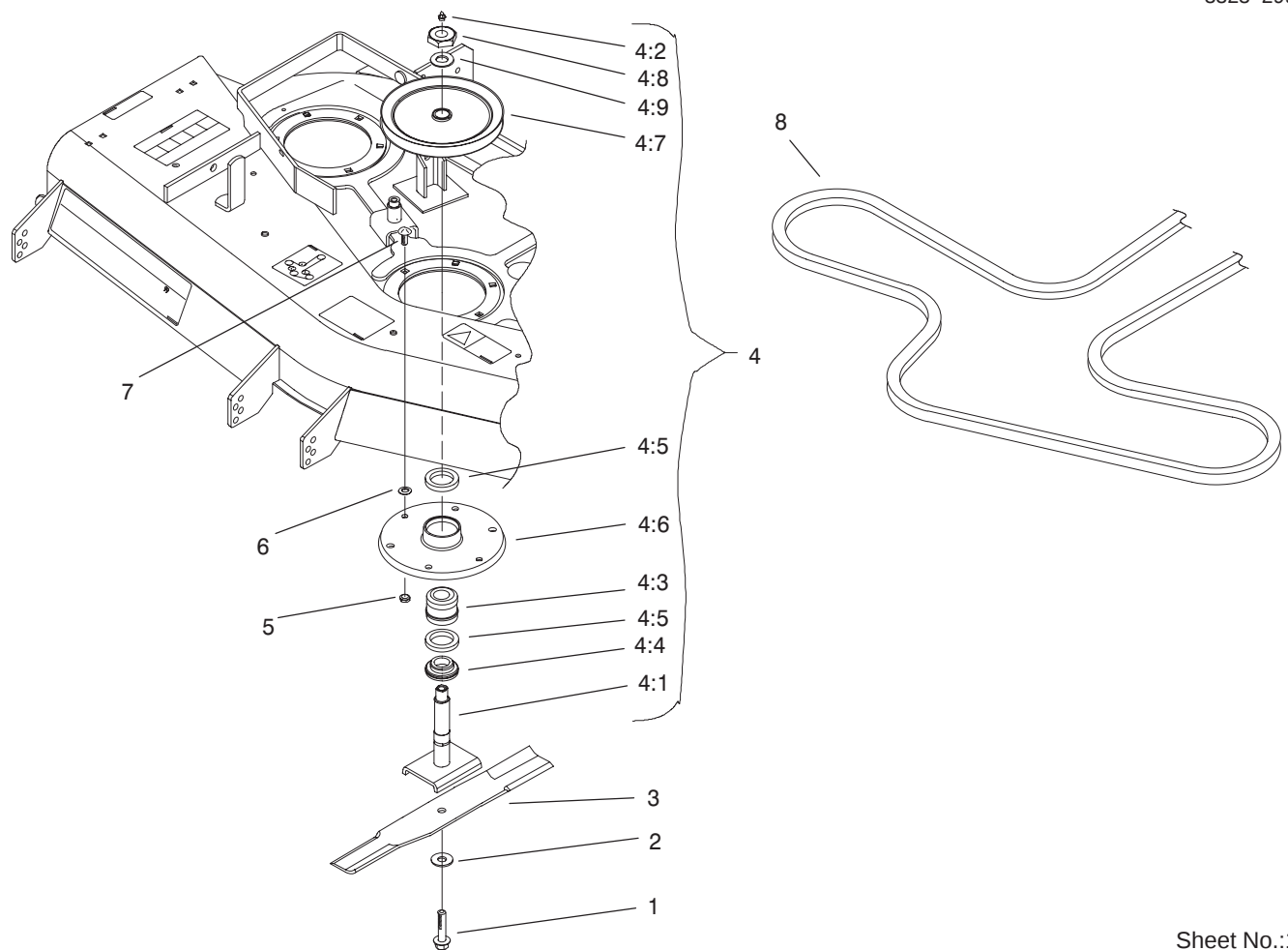
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	E303335	7	Tie-Plastic	25	E804256	1	Nut-Hex, Nyloc
2	E543316	1	Module-Safety	26	E633396	2	Clip-Loom
3	E807533	2	Bolt-CARR	27	E543393	3	Insulator-Solenoid
4	E543070	1	Switch-Ignition	28	E543084	1	Wire-Starter Solonoid
5	63-8360	2	Key-Ignition	29	E633306	1	Wire-Starter
6	E633673	1	Switch-PTO	30	E513075	1	Switch-Solenoid, 12v
7	E513374	1	Meter-Hours, Engine	31	E543286	1	Grommet
8	E633181	4	Plate-Tapped	32	E303287	2	Tie-Plastic
9	E633110	1	Switch-Brake	33	E653154	1	Harness-Wiring
10	32104-81	10	Screw-Head, Pan	34	322-3	3	Screw-HH
11	32128-33	8	Nut-HF	35	E816001	2	Fuse-Blade Type, 20 Amp
12	E323229	3	Clip-Loom	36	E653036	1	Washer
13	321-4	7	Screw-HH	37	E652072	1	Bracket-Switch, Seat
14	E633111	2	Switch-Lever, Drive	38	E523415	1	Spring-Switch, Seat
15	E603479	1	Battery-12v	39	E800282	1	Screw-HH
16	E543391	1	Insulator-Battery	40	E513152	1	Switch-Seat
17	E633651	2	Bolt-Hold Down, Battery	41	3296-2	2	Nut-Lock
18	E543792	2	Wingnut-Nyloc	42	E633082	1	Bushing-Lever, Lift
19	E633652	1	Strap-Hold Down, Battery	44	E644427	1	Switch-Tilt
20	3256-2	2	Washer-Flat	44:2	E643401	1	Decal-Mercury Switch
21	E523282	1	Cable-Ground				
22	E523281	1	Cable-Battery				
23	E800279	1	Bolt-TAP				
24	32128-20	6	Nut-HF				



52" Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	3290-357	9	Nut-Flange, Lock
2	68-2730	6	Wheel-Gage
3	98-5967	1	Spacer-Wheel
4	323-28	1	Screw-HH
5	3230-18	4	Screw-CARR
6	29-5590-01	2	Bracket-Pivot
7	40-6230	2	Spring
8	3211-15	2	Screw-HH
9	98-5984	1	Deflector ASM
9:2	54-9220	1	Decal-Danger
10	3296-5	2	Nut-Lock, NI
11	32152-1	4	Nut-Lock, NI
12	32128-17	4	Nut-Flange, Lock
13	249-21	2	Clamp-Slotted
14	99-3896	1	LH Cover ASM
14:2	67-5360	1	Decal-Danger
15	99-3895	1	RH Cover ASM
15:2	67-5360	1	Decal-Danger
16	99-2842	4	Spacer-Wheel
17	E303327	4	Washer-Spring, Disc
18	98-5975	4	Washer
19	98-5961	4	Screw-Hex Head
20	99-3875	1	52" Deck ASM
20:2	66-6380	1	Decal-Danger
20:3	98-5954	3	Decal-Missing, Cover
20:4	99-3943	1	Decal-Routing, Belt

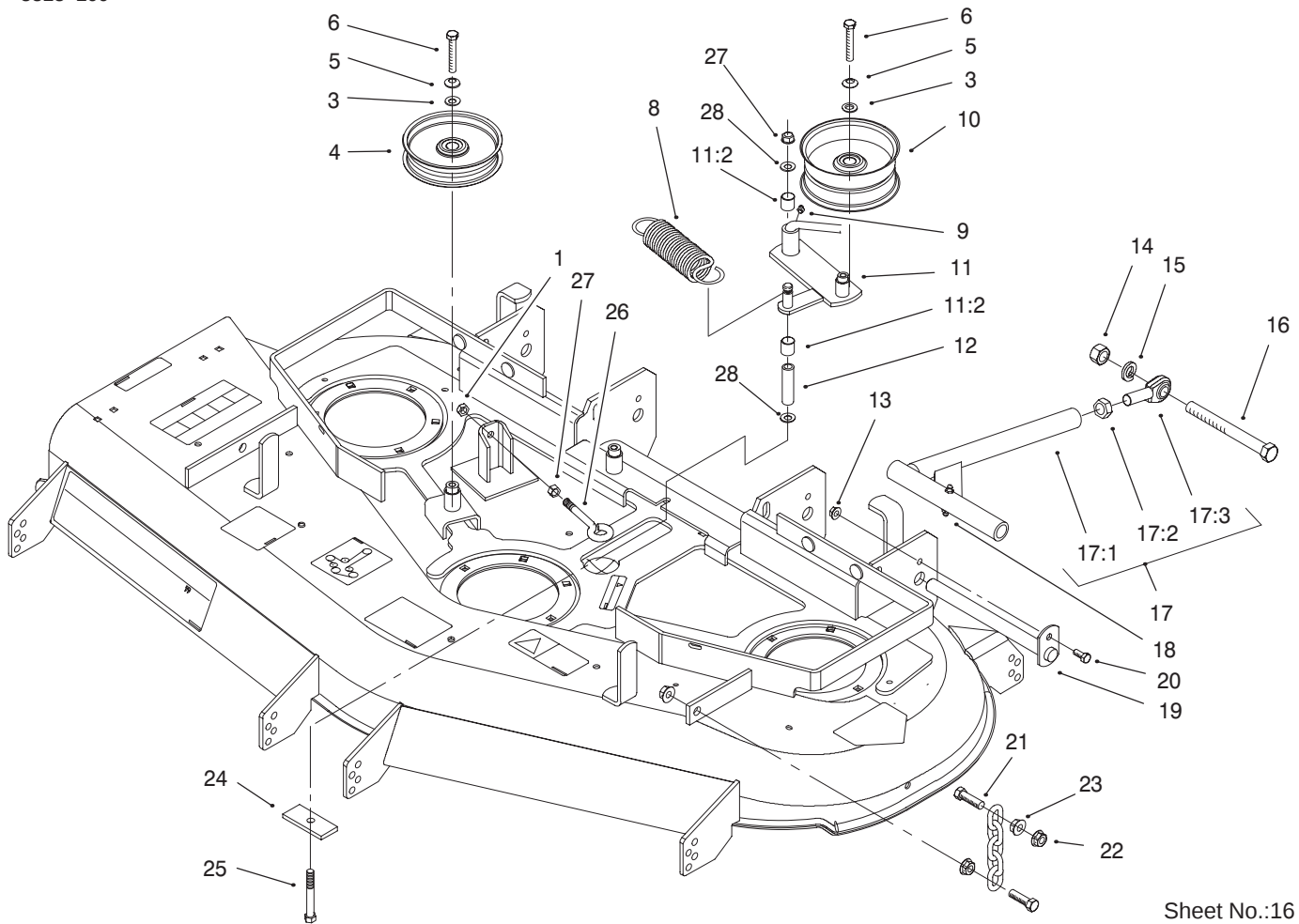
Ref. No.	Part No.	Qty.	Description
20:5	43-8480	1	Decal-Danger
20:6	93-7818	1	Decal-Torque, Blade Bolt
20:7	98-3798	1	Decal-Wheel, Gage
20:8	98-5953	1	Decal-Sfs
20:10	66-1340	1	Decal-Danger
21	98-3777	4	Spacer-Wheel
22	3290-321	4	Screw-HWH
24	321-1	6	Screw-HH
25	32128-33	6	Nut-HF
26	E373034	4	Washer-Swivel



Sheet No.:15

Belt and Spindle Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	92-5816	3	Flangebolt-Blade				
2	E513435	3	Washer-Spring				
3	56-2390	3	Blade				
4	100-3976	3	Spindle Housing ASM				
4:1	100-3972	1	Spindle Shaft ASM				
4:2	302-2	1	Fitting-Grease				
4:3	46-8530	1	Bearing ASM				
4:4	27-0950	1	Spacer-Bearing, Spindle				
4:5	253-139	2	Seal-Oil				
4:6	61-4160	1	Spindle				
4:7	100-3970	1	Pulley And Hub ASM				
4:8	32146-20	1	Nut-Jam				
4:9	7-4150	1	Washer-Pinion				
5	32128-21	18	Nut-HF				
6	3256-24	6	Washer-Flat				
7	3231-22	18	Screw-CARR				
8	99-3904	1	Belt-Deck				

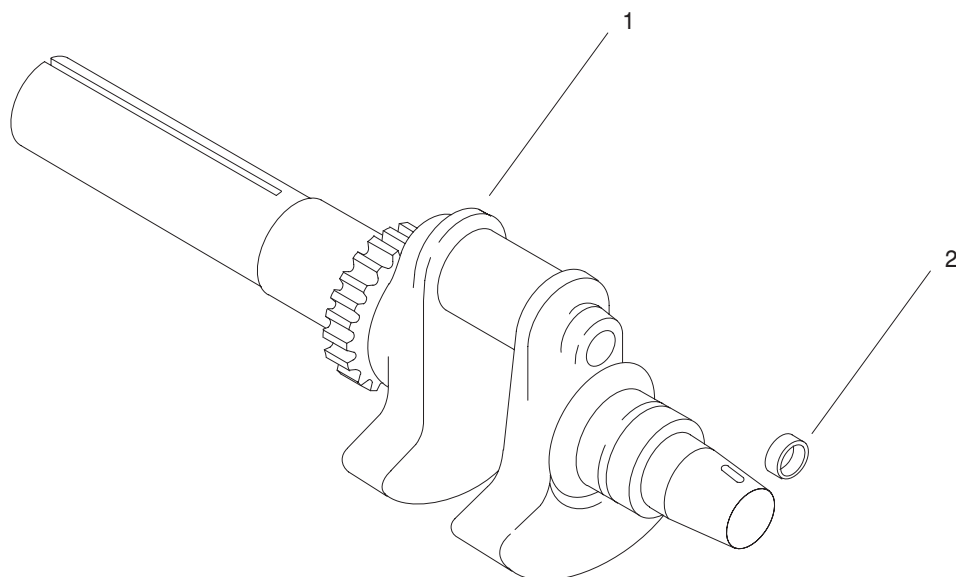


Sheet No.:16

Idler, Pulley and Lift Strut Chain Assembly

Ref. No.	Part No.	Qty.	Description
1	3217-7	1	Nut-Hex
3	3256-24	3	Washer-Flat
4	E613098	2	Pulley-Idler
5	E303327	3	Washer-Spring, Disc
6	323-6	3	Screw-HH
8	E633151	1	Spring-Extension
9	E811008	1	Fitting-Grease
10	E413099	1	Pulley-Idler
11	99-3879	1	Idler Arm ASM w/Bushings
11:2	E513034	2	Bearing-Pivot
12	E603384	1	Bushing-Pivot, Idler
13	3296-41	2	Nut-Lock NI
14	3217-11	2	Nut-Hex
15	3253-8	2	Washer-Lock, Sp
16	E800344	2	Screw-HH
17	E634726	2	Strut ASM
17:1	E632690	1	Strut
17:2	3219-6	1	Nut-Hex
17:3	E633029	1	End-Rod, Spherical
18	302-58	4	Zerk
19	E632199	2	Pin-Strut, Deck
20	322-3	2	Screw-HH
21	324-6	8	Screw-HH
22	32128-37	16	Nut-Hex Flange
23	E633447	4	Chain-Lift, Deck

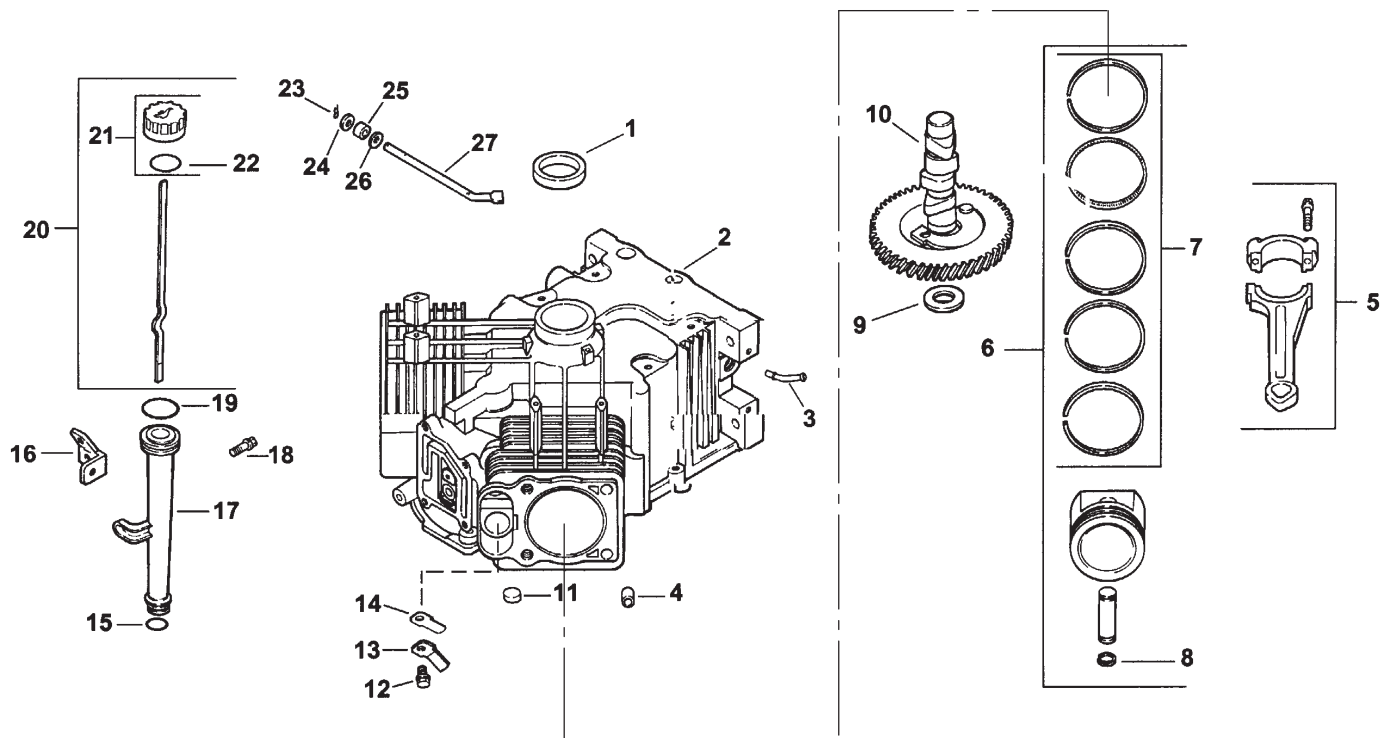
Ref. No.	Part No.	Qty.	Description
24	99-3946-01	1	Plate-Retainer, Bolt
25	E800805	1	Screw-HH
26	94-2547	1	Eyebolt
27	3296-39	2	Nut-Lock, NI
28	E809107	2	Washer-hardened



Group 1 Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	24 014 32-S	2	Crankshaft
2	52 139 09-S	1	Plug, cap

Obtain Parts From Kohler

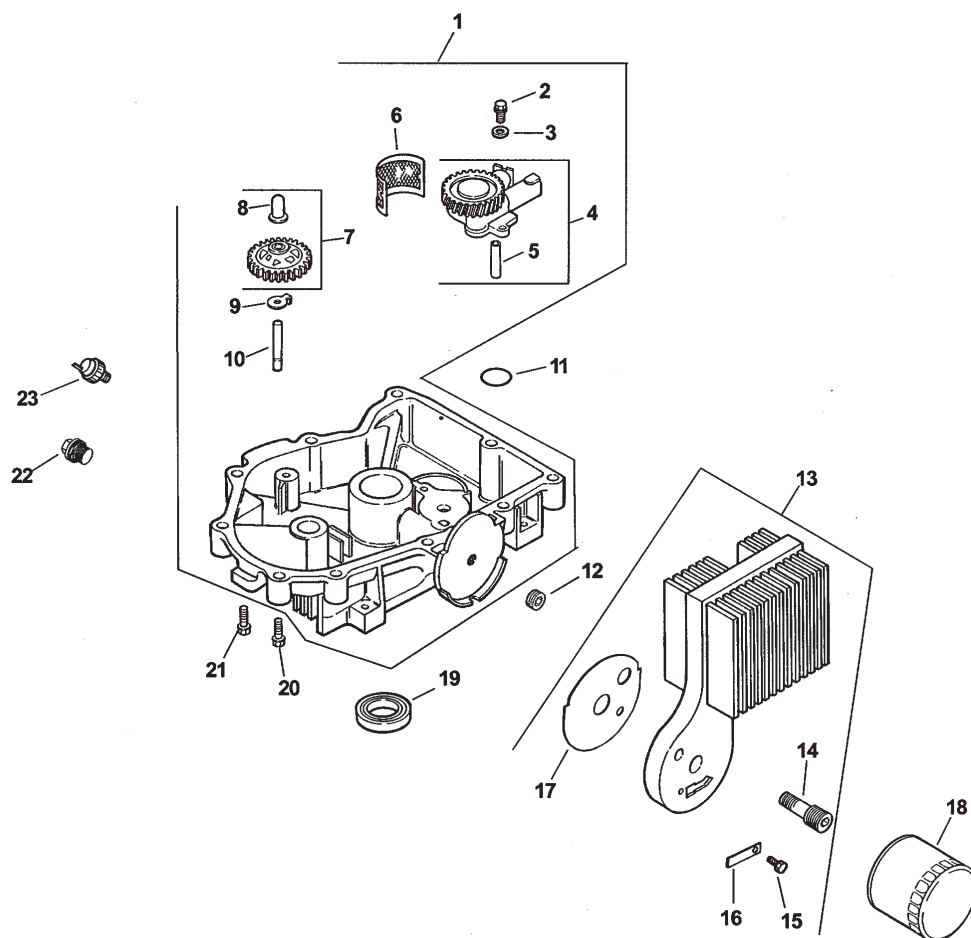


Group 2 Crankcase Assembly

Ref. No.	Part No.	Qty.	Description
1	24 032 01-S	1	Seal, oil front
2		1	Use:Short Block or Miniblock
3	24 294 13-S	1	Fitting
4	12 380 17-S	6	Pin, dowel locating
5	24 067 13-S	2	Connecting Rod (Std.)
	24 067 14-S	2	Connecting Rod (.25)
6	24 874 09-S	2	Piston w/Ring Set Std. (Includes 7-8)
	24 874 10-S	2	Piston w/Ring Set (.25)
	24 874 11-S	2	Piston w/Ring Set (.50)
	24 874 15-S	2	Piston w/Ring Set (.08)
7	24 108 09-S	2	Ring Set (Std.)
	24 108 09-S	2	Ring Set (.25)
	24 108 10-S	2	Ring Set (.50)
8	24 018 01-S	4	Retainer, piston pin
9	12 422 09-S	A/R	Shim, camshaft red
	12 422 13-S	A/R	Shim, camshaft black
	12 422 07-S	A/R	Shim, camshaft white
	12 422 08-S	A/R	Shim, camshaft blue
	12 422 10-S	A/R	Shim, camshaft yellow
	12 422 11-S	A/R	Shim, camshaft green
	12 422 12-S	A/R	Shim, camshaft gray
10	24 012 10-S	1	Camshaft
11	52 139 09-S	1	Plug, cup
12	M-0545010-S	2	Screw, hex. flange

Ref. No.	Part No.	Qty.	Description
13	24 018 04-S	2	Retainer, reed
14	24 402 05-S	2	Reed, breather
15	12 153 01-S	1	O-Ring, lower oil fill
16	24 126 19-S	1	Bracket, oil fill tube
17	12 123 04-S	1	Tube, oil fill
18	M-0545016-S	1	Screw, hex. flange
19	12 153 02-S	1	O-Ring, upper oil fill
20	24 038 04-S	1	Dipstick assembly (Includes 21,22)
21	25 755 13-S	1	Kit, oil fill cap (Includes 22)
22	12 153 03-S	1	O-Ring, dipstick
23	12 380 04-S	1	Pin, hitch
24	M-0631005-S	1	Washer, plain 6 mm
25	12 032 01-S	1	Seal, gvrn. cross shaft
26	X-25-102-S	1	Washer, plain 1/4"
27	24 144 01-S	1	Shaft, governor cross

Obtain Parts From Kohler

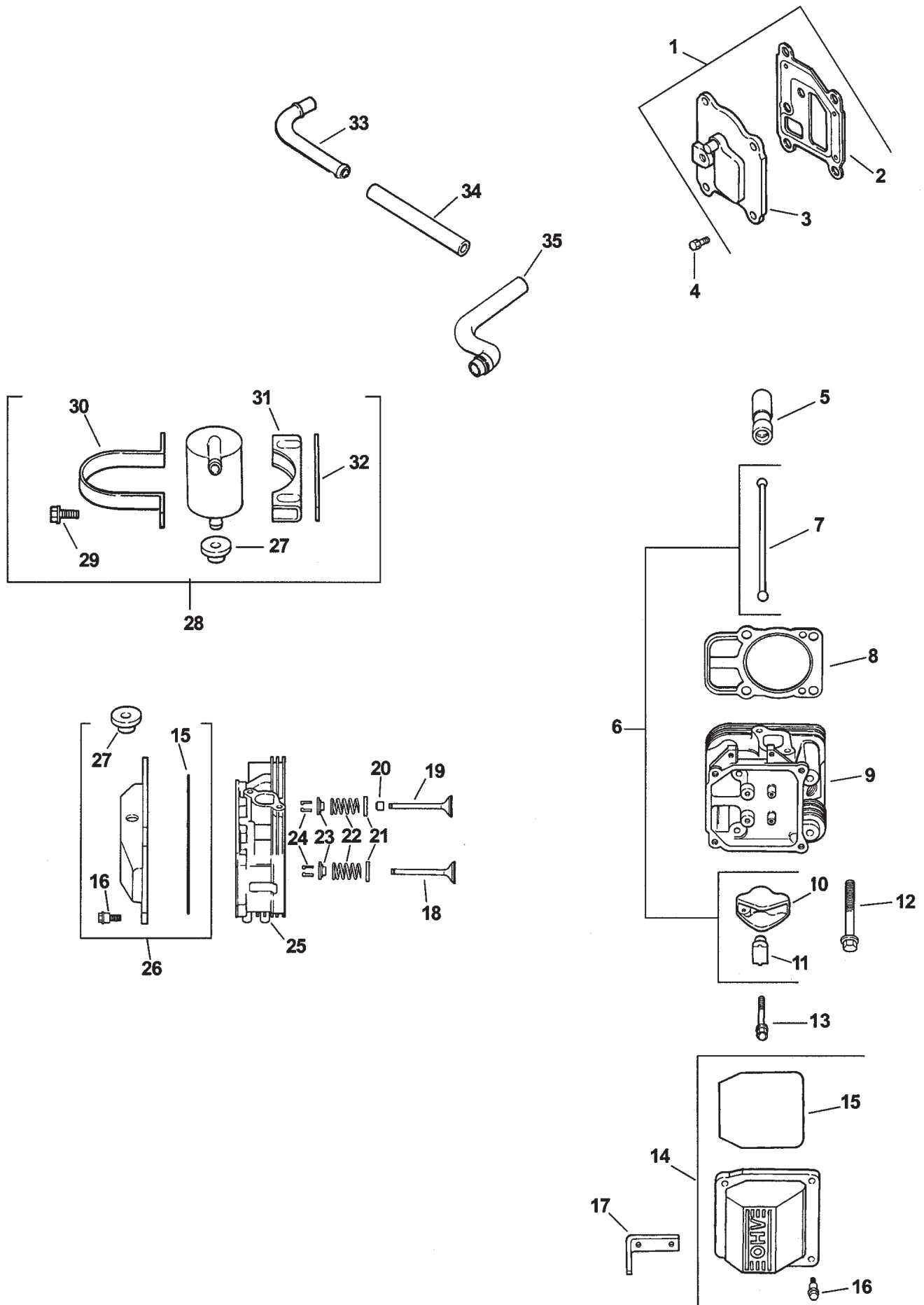


Group 3 Oil Pan/Lubrication Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 199 07-S	1	Pan, oil assembly (Includes 2-10)	22	X-75-10-S	1	Plug, hex. head 3/8"
2	M-0645025-S	2	Screw, hex. flange	23	24 099 03-S	1	Switch, oil pressure
3	M-0631005-S	2	Washer, plain 6 mm				
4	24 393 08-S	1	Oil pump assembly (Includes 5)				
5	24 123 05-S	1	Tube, oil pickup				
6	24 162 26-S	1	Screen, oil				
7	24 043 12-S	1	Kit, governor gear w/pin (Includes 8)				
8	12 380 01-S	1	Pin, gvrn. regulating				
9	52 448 02-S	1	Tab, locking				
10	12 144 02-S	1	Shaft, governor gear				
11	24 153 08-S	1	O-Ring				
12	X-75-32-S	1	Plug, hex. ctsk. 3/8"				
13	24 755 52-S	1	Kit, oil cooler (Includes 14-17)				
14	28 136 01-S	1	Nipple, oil filter				
15	M-448010-S	2	Screw, hex. cap				
16	24 402 02-S	1	Reed, oil relief				
17	24 041 29-S	1	Gasket, oil filter adapter				
18	52 050 02-S	1	Filter, oil				
19	52 032 08-S	1	Seal, oil (PTO end)				
20	24 086 16-S	1	Screw, hex. flange				
21	24 086 17-S	9	Screw, hex. flange				

Obtain Parts From Kohler

Group 4 Head/Valve/Breather Assembly

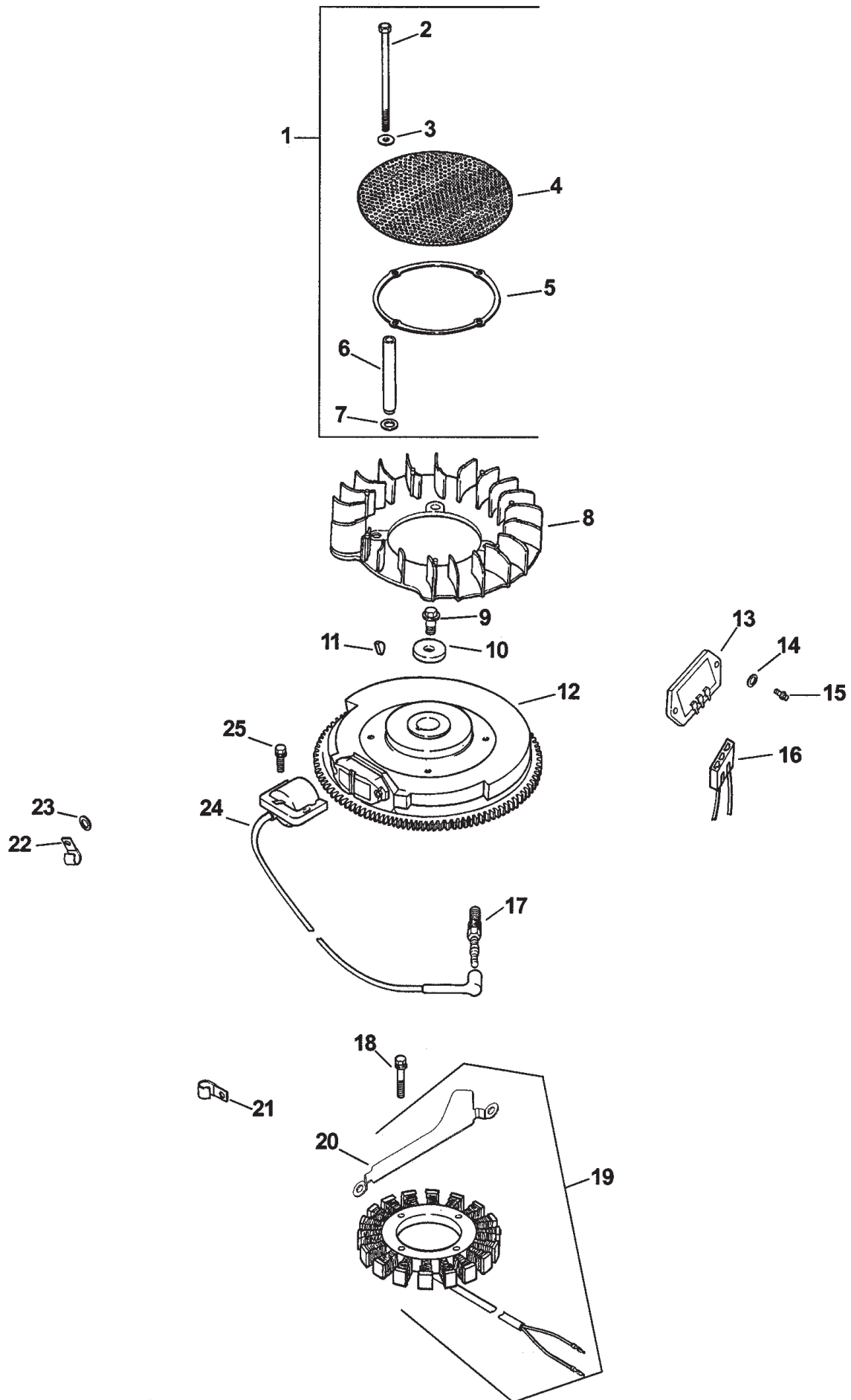


Group 4 Head/Valve/Breather Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 033 03-S	1	Kit, breather cover w/gasket (Incl. 2,3)				
2	24 041 23-S	1	Gasket, breather				
3	24 096 59-S	1	Cover, breather				
4	M-0645020-S	4	Screw, hex. flange				
5	25 351 01-S	4	Lifter, valve				
6	24 755 66-S	1	Kit, valve train (Includes 7,10,11)				
7	24 411 05-S	4	Rod, push				
8	24 041 40-S	2	Gasket, cylinder head				
9	24 318 12-S	1	Head assembly, #2 cylinder				
10	25 186 01-S	4	Arm, rocker				
11	24 599 01-S	4	Pivot, rocker arm				
12	12 086 16-S	8	Screw, hex. flange				
13	M-0640034-S	4	Screw, hex. flange				
14	24 755 74-S	1	Kit, valve cover – plain (Includes 15,16)				
15	24 153 16-S	1	O-Ring				
16	24 086 32-S	4	Screw, shoulder				
17	24 445 01-S	1	Strap, lifting				
18	24 016 01-S	2	Valve, exhaust (Std.)				
	24 016 02-S	2	Valve, exhaust (.25)				
19	24 017 01-S	2	Valve, intake (Std.)				
	24 017 02-S	2	Valve, intake (.25)				
20	24 032 05-S	2	Seal, valve stem				
21	235011-S	4	Retainer, spring				
22	24 089 02-S	4	Spring, valve				
23	12 173 01-S	4	Cap, valve spring				
24	12 755 03-S	4	Kit, retainer				
25	24 318 11-S	1	Head assembly, #1 cylinder				
26	24 755 76-S	1	Kit, valve cover breather(Incl. 15,16,27)				
27	25 313 02-S	1	Grommet, rubber				
28	24 755 57-S	1	Kit, breather separator (Includes 27,29-32)				
29	M-0545016-S	2	Screw, hex. flange				
30	24 445 02-S	1	Strap, breather				
31	24 126 44-S	1	Bracket, breather separator				
32	24 112 12-S	1	Spacer				
33	24 294 06-S	1	Fitting				
34	24 326 13-S	1	Hose, breather				
35	24 326 14-S	1	Hose, breather"				

Obtain Parts From Kohler

Group 5 Ignition/Electrical Assembly



Group 5 Ignition/Electrical Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 755 79-S	1	Kit, chopper screen (Includes 2-7)				
2	M-0603100-S	4	Screw, hex. cap				
3	X-25-53-S	4	Washer, plain 1/4"				
4	24 162 25-S	1	Screen, grass				
5	24 141 06-S	1	Ring, support				
6	24 112 14-S	4	Spacer, grass screen				
7	24 468 11-S	4	Washer, spring 10 mm				
8	24 157 03-S	1	Fan				
9	12 086 14-S	1	Screw, hex. flange				
10	12 468 03-S	1	Washer, plain 3/8"				
11	X-42-15-S	1	Key				
12	24 025 04-S	1	Flywheel				
13	25 403 03-S	1	Rectifier-regulator				
14	X-25-92-S	2	Washer, plain 3/16"				
15	24 086 18-S	2	Screw, phillips hd.				
16	236602-S	1	Connector (3 contact)				
17	12 132 06-S	2	Spark Plug				
18	M-0548025-S	2	Screw, hex. cap				
19	54 755 09-S	1	Kit, 15 amp stator (Includes Bracket, stator wire 24 126 71)				
20	24 126 71-S	1	Bracket, stator wire				
21	235173-S	1	Clip, cable				
22	48 154 02-S	1	Clip, cable				
23	X-25-63-S	1	Washer, plain 1/4"				
24	24 584 01-S	2	Module, ignition				
25	M-0545020-S	4	Screw, hex. flange				
*	X-22-11-S	1	Washer, plain 1/4" (to ground rectifier-regulator)				
*	25 086 43-S	1	Screw, set				
*	24 176 07-S	1	Harness, wiring				
*	25 518 28-S	1	Lead, black (rectifier-regulator 4" 18 gauge - insulated grip barrel eyelets)				

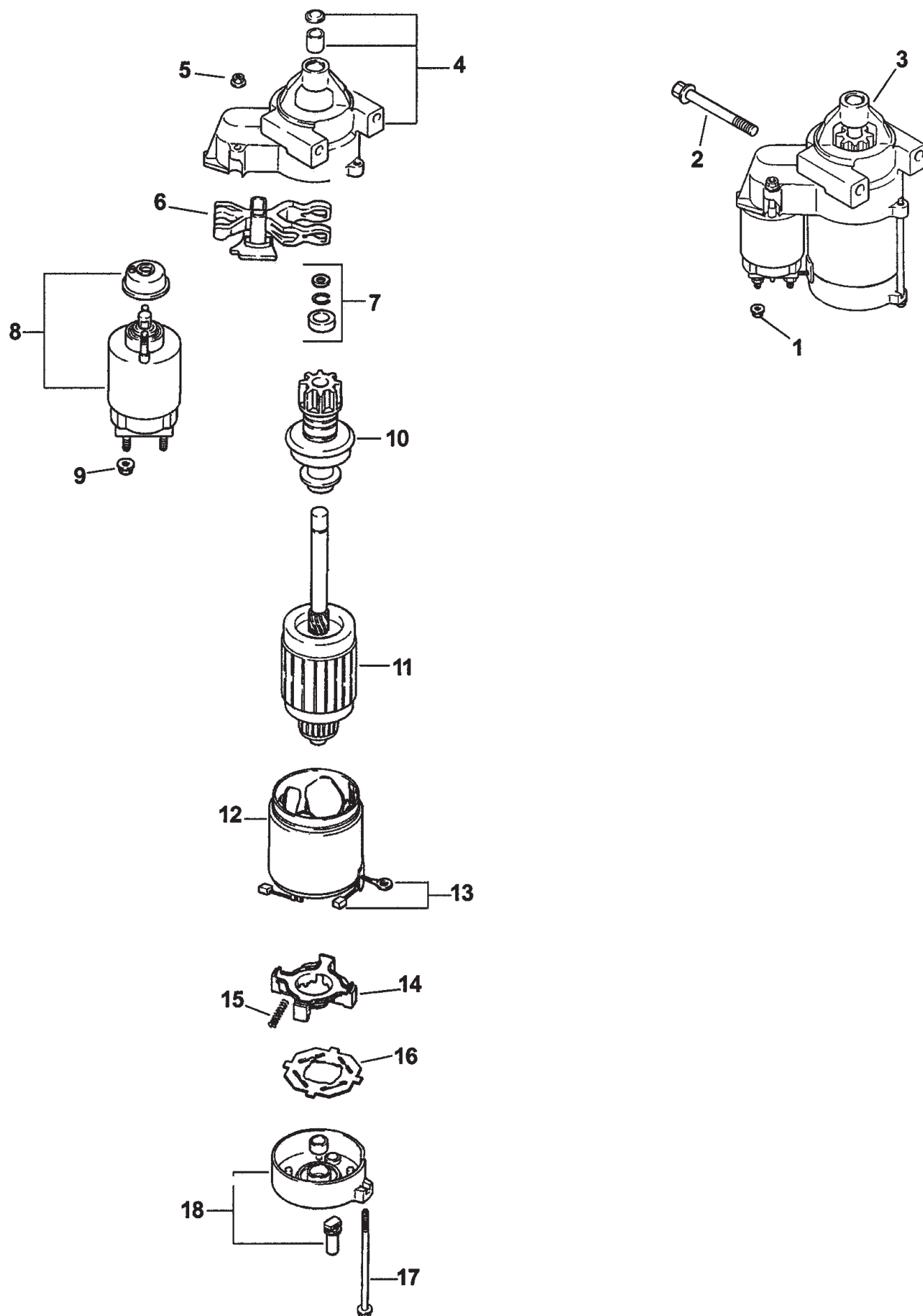
Obtain Parts From Kohler

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Ref. No.	Part No.	Qty.	Description

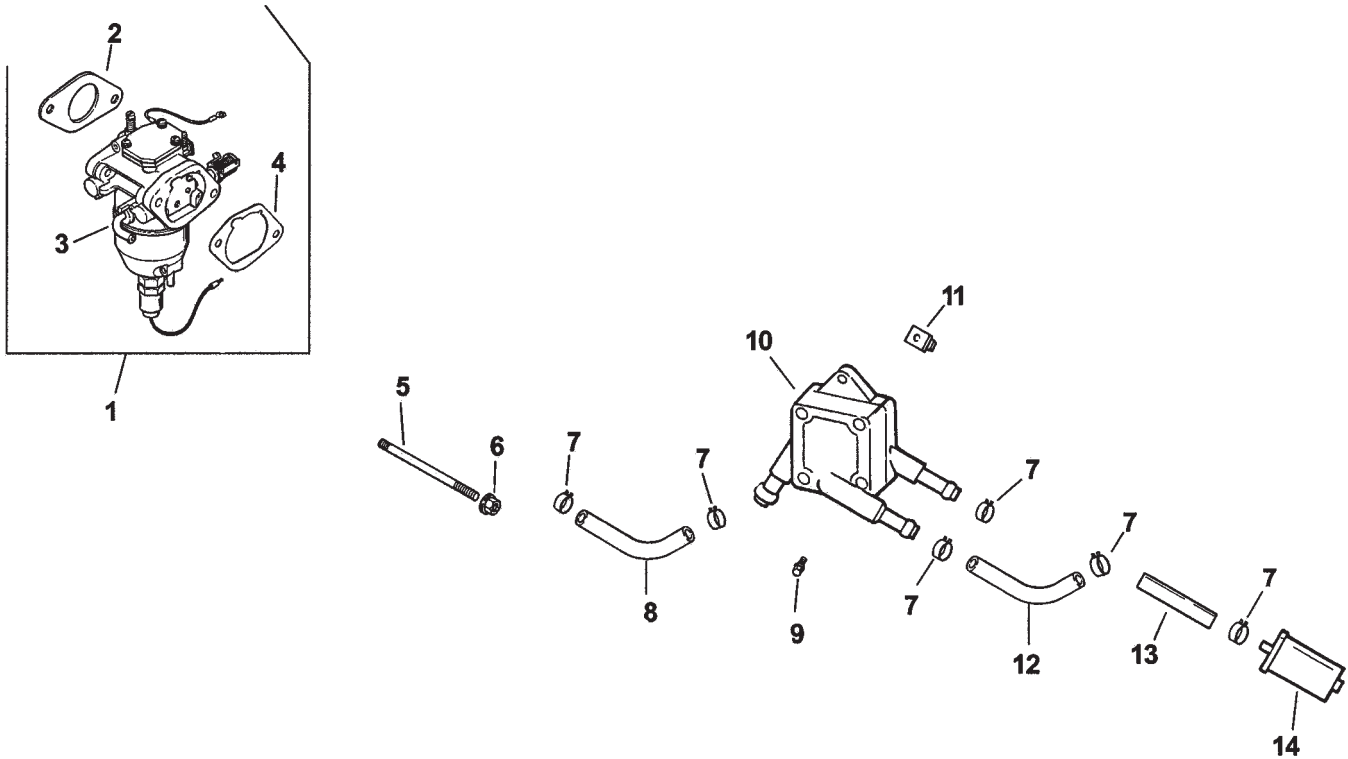
* Not Illustrated

Group 7 Starting System Assembly



Ref. No.	Part No.	Qty.	Description

27



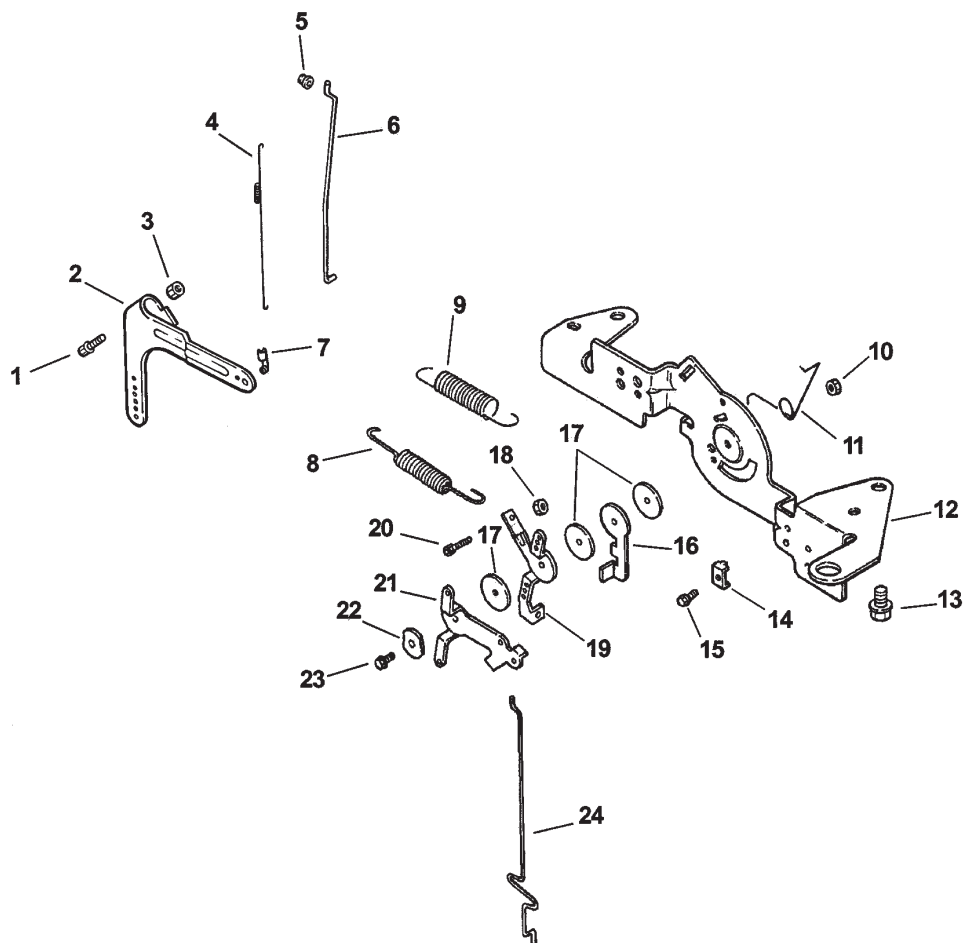
Group 8 Fuel System Assembly

Ref. No.	Part No.	Qty.	Description
1	24 853 25-S	1	Kit, carburetor with gaskets (Includes 2-4)
2	24 041 15-S	1	Gasket, carburetor
3	24 053 25-S	1	Carburetor assembly (For information only not available separately)
5	M-0629095-S	2	Stud
6	M-0641060-S	2	Nut, hex. flange
7	X-426-9-S	6	Clamp, hose
8	24 353 03-S	2	Line, fuel 10-1/2"
9	24 086 12-S	2	Screw, hex. cap.
10	24 393 04-S	1	Pump, fuel - pulse
11	24 100 01-S	2	Nut, plastic
12	25 353 22-S	1	Line, fuel 9"
13	24 050 02-S	1	Line, fuel 12"
14	24 050 02-S	1	Filter, fuel

Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kohler

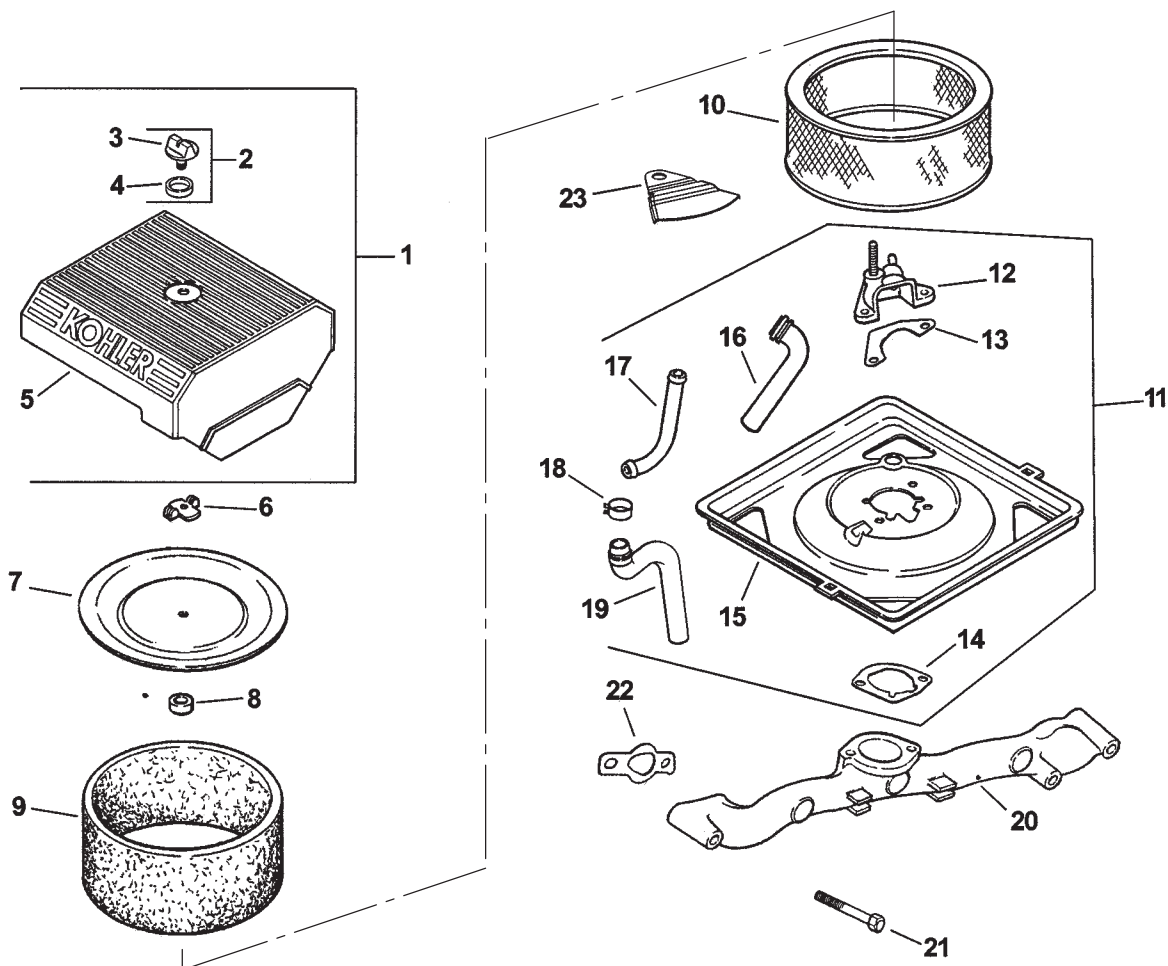
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Group 9 Engine Controls Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	SM-0642025-S	1	Screw, hex. flange				
2	24 090 14-S	1	Lever, governor				
3	M-0641060-S	1	Nut, hex. flange				
4	24 089 01-S	1	Spring, linkage				
5	25 158 08-S	1	Bushing, linkage retaining				
6	24 079 04-S	1	Linkage, throttle				
7	25 158 11-S	1	Bushing, throttle linkage				
8	24 089 51-S	1	Spring, thrrtle limiter				
9	24 089 15-S	1	Spring, governor				
10	M-0547050-S	1	Nut, hex. lock				
11	24 089 03-S	1	Spring, choke return				
12	24 126 56-S	1	Bracket, control				
13	M-0645016-S	4	Screw, hex. flange				
14	12 237 01-S	2	Clamp, cable				
15	M-0545016-S	3	Screw, hex. flange				
16	24 090 07-S	1	Lever, throttle actuator				
17	24 468 01-S	3	Washer, plain 5.5 mm				
18	M-0446030-S	1	Nut, hex.				
19	24 090 03-S	1	Lever, throttle control				
20	M-0403025-S	1	Screw, hex. cap				
21	24 090 05-S	1	Lever, choke				
22	41 468 03-S	1	Washer, spring 1/4"				
23	M-0545020-S	1	Screw, hex. flange				
24	24 079 05-S	1	Linkage, choke				

Obtain Parts From Kohler

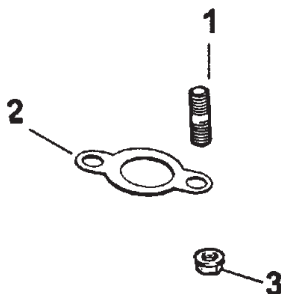


Group 10 Air Intake Assembly

Ref. No.	Part No.	Qty.	Description
1	24 743 05-S	1	Kit, air cleaner cover (Incl. Ref. 2-5)
2	54 755 01-S	1	Kit, knob with seal (Includes 3,4)
3	25 341 03-S	1	Knob, cover
4	24 153 15-S	1	O-Ring
5	24 096 24-S	1	Cover, air cleaner
6	12 100 01-S	1	Wing Nut
7	24 096 01-S	1	Cover, inner air cleaner
8	24 032 03-S	1	Seal, breather
9	47 083 03-S	1	Precleaner, element
10	24 083 02-S	1	Element, air cleaner
11	24 755 86-S	1	Kit, air cleaner base
12	24 109 10-S	1	Cup, fuel spitback
13	24 041 13-S	1	Gasket, fuel spitback cup
14	24 041 14-S	1	Gasket, air cleaner
15	24 094 19-S	1	Base, air cleaner
16	24 326 13-S	1	Hose, breather
17	24 294 06-S	1	Fitting
18	X-426-9-S	2	Clamp, hose
19	24 326 14-S	1	Hose, breather
20	24 164 06-S	1	Manifold, intake
21	M-0651055-S	4	Screw, hex. flange
22	24 041 01-S	2	Gasket, intake manifold (Includes 12-19)

Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kohler



Group 11 Exhaust Assembly

Ref. No.	Part No.	Qty.	Description
1	25 072 04	4	Stud
2	24 041 02	2	Gasket, exhaust
3	M-0841080	4	Nut, muffler mounting
*	24 755 03	1	Gasket Set

Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kolher

