
Cub Cadet®

PARTS MANUAL



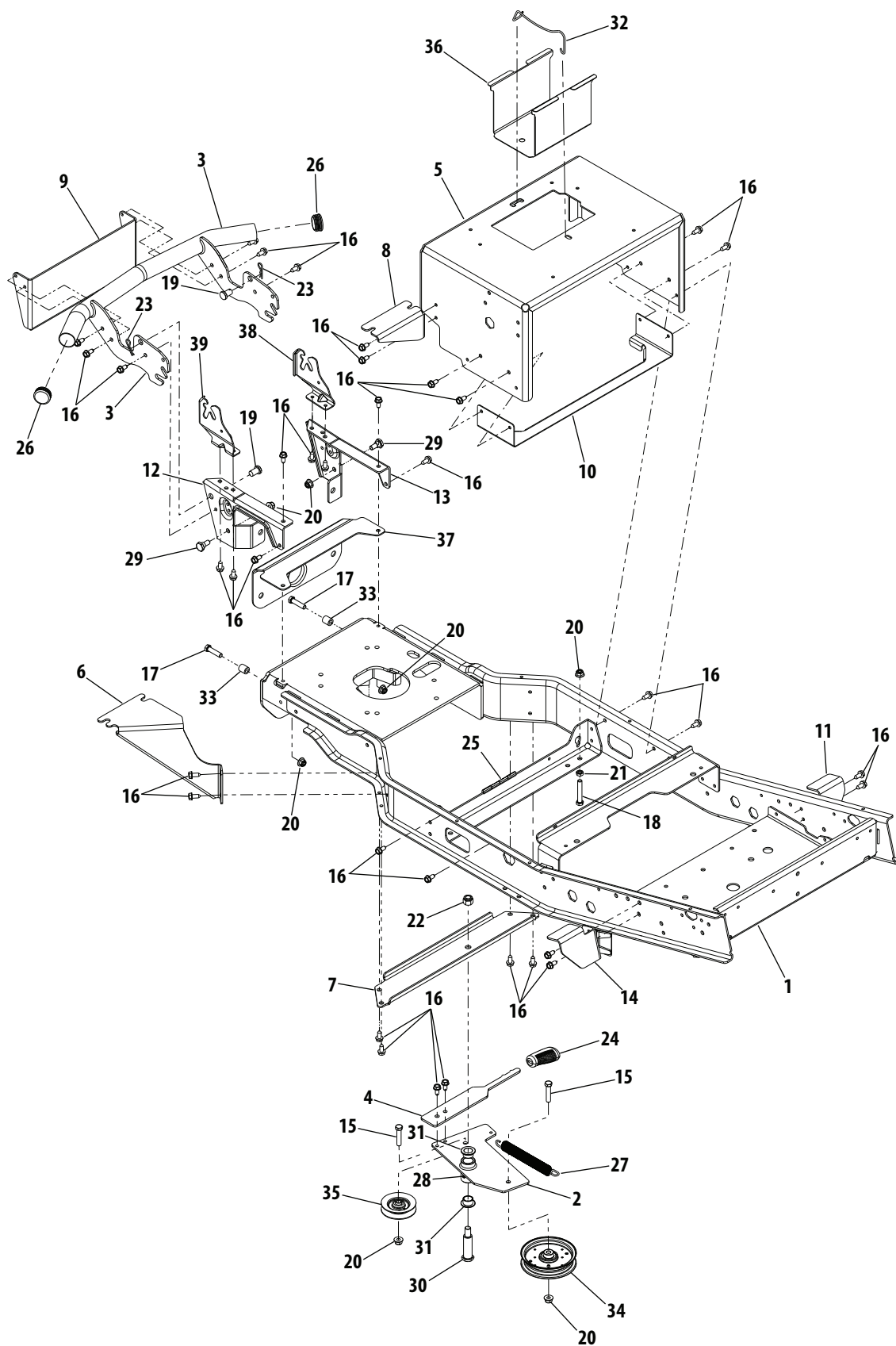
Zero Turn Riding Mower Model **FMZ 50**

CUB CADET LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

PRINTED IN U.S.A.

769-03923
4/2008

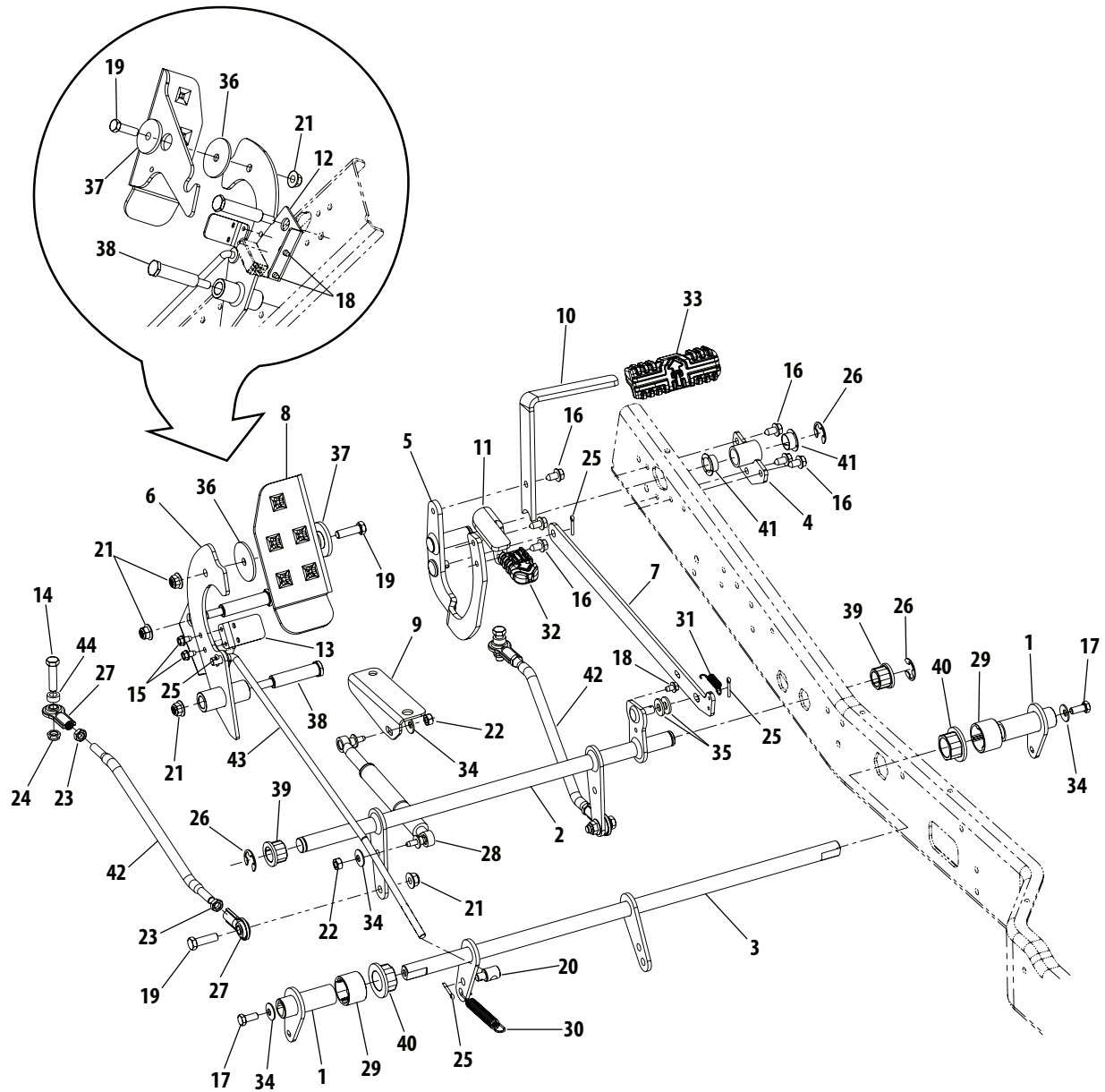
Frame & PTO Idler Bracket



Frame & PTO Idler Bracket

Ref. No.	Part No.	Description
1	603-04531	Frame Assembly
2	603-04573	Idler Bracket, PTO
3	683-04219B	Bumper Assembly
4	703-05396A	Handle, Idler Bracket
5	703-06446	Frame, Seat
6	703-06472	Bracket, Tank Support
7	703-06540	Bracket, Idler Mounting
8	703-06567	Bracket, Tank Support
9	703-06572	Plate, Tow
10	703-06597	Bracket, Belt Keeper Support
11	703-06641	Bracket, Running Board Support LH
12	703-06670	Bracket, Pivot Support RH
13	703-06671	Bracket, Pivot Support LH
14	703-06743	Bracket, Running Board Support RH
15	710-0347	Screw, Hex Cap, 3/8-16 x 1.75 Gr5
16	710-04484	Screw, Hex Wash. Hd. Tapp, 5/16-18 x .75
17	710-0520	Hex Cap Screw, 3/8-16 x 1.5 Gr5
18	710-3011	Hex Cap Screw, 3/8-16 x 2.25 Gr5
19	711-0332	Pin, Clevis, .5 x .78
20	712-04065	Nut, Hex Insert Flange Lock, 3/8-16 GrF
21	712-3008	Nut, Hex Jam, 3/8 -16 Gr5
22	712-3083	Nut, Hex Insert Lock, 1/2-13 GrB
23	714-04023	Pin, Internal Cotter, .08 x 1.56
24	731-04735	Grip, Handle
25	735-04130	Strip, Trim
26	731-05368	Cap, Bumper
27	732-0594A	Spring, Extension, .91 x 7.33
28	737-3000	Fitting, Lube, 3/16 Drive
29	738-0143	Bolt, Shoulder, .496 x .336:3/8-16
30	738-3110	Screw, Shoulder, .75 x 2.23
31	741-0338	Bearing, Flange, 3/4 x .52
32	747-04121A	Rod, Battery Hold Down
33	750-0807	Spacer, .385 x .625 x .7
34	756-04129	Pulley, Idler, 4.25" Dia.
35	756-04325	Pulley, V-Idler, 3.06" Dia
36	783-0349	Tray, Battery
37	783-04806	Bracket, Pivot Bar
38	783-04840	Bracket, Hood Pivot RH
39	783-04841	Bracket, Hood Pivot LH

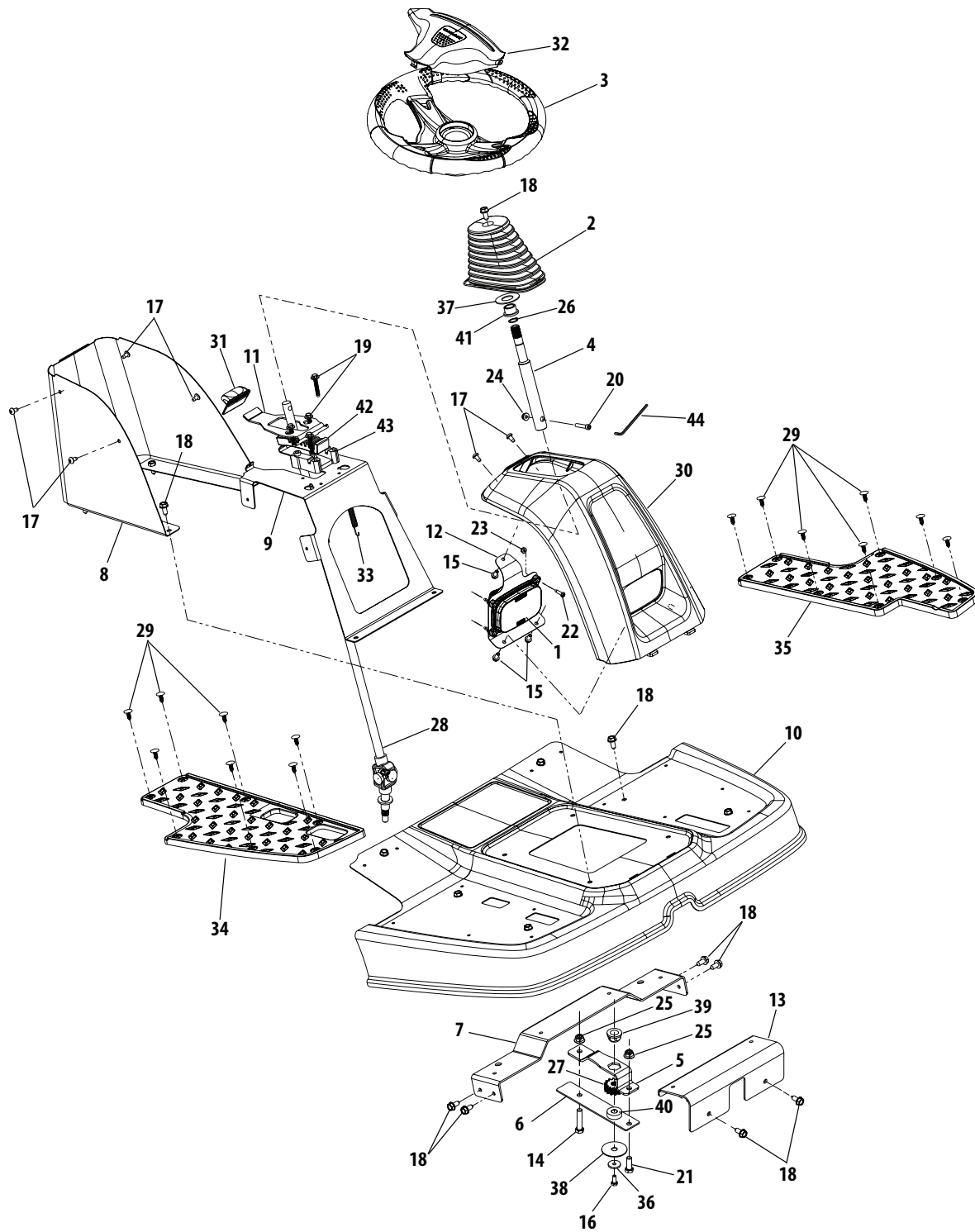
Drive Pedals and Controls



Drive Pedals and Controls

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	603-04526	Lever, Brake	23	712-0711	Nut, Jam, 3/8 -24 Gr5
2	603-04535	Shaft, Control Pedal	24	712-3020	Nut, Hex Insert Jam Lock, 3/8-16 Gr5
3	603-04560	Shaft, Brake Cross	25	714-0474	Pin, Cotter, .125 x .75
4	603-04587	Hub, Pedal Pivot	26	716-0231	Ring, E
5	603-04590	Pedal, Reverse/Forward	27	723-04035	Ball Joint End .375
6	603-04602	Pedal, Brake Pivot	28	727-3113	Cylinder, Damper
7	703-06339	Link, Forward	29	731-05163	Spacer, 1.5 x 1.0 x 1.0
8	703-06603	Pedal, Brake	30	732-0429A	Spring, Extension, .5 x 3.97
9	703-06629	Bracket, Damper Cylinder Mount	31	732-04549	Spring, Extension, .375 x 1.48
10	703-06636	Pedal, Forward	32	735-04117	Pad, Reverse Pedal
11	703-06654	Pedal, Reverse	33	735-04118	Pad, Forward Pedal
12	703-06676	Bracket, Brake Switch Mounting	34	736-0242	Washer, Belleville, .34 x .872 x .06
13	703-06678	Bracket, Brake Switch	35	736-0262	Washer, Flat, .385 x .87 x .092
14	710-0520	Screw, Hex Cap, 3/8-16 x 1.5 Gr5	36	736-04018	Washer, Flat, .38 x 2.0 x .12
15	710-0599	Screw, Hex Wash. Hd. Tapp, 1/4-20 x .5	37	738-04162A	Spacer, Shoulder, .884 x .19
16	710-0604A	Screw, Hex Wash. Hd. Tapp, 5/16-18 x .625	38	738-04216A	Bolt, Shoulder, .625 x 2.515:3/8-16
17	710-0627	Screw, Hex Cap, 5/16-24 x .75 Gr5 Lock	39	741-0245	Bearing, Hex Flange, .75 ID
18	710-0653	Screw, Hex Wash. Hd. Tapp, 1/4-20 x .375	40	741-04324	Bearing, Hex Flange, 1.25 x .775
19	710-3005	Hex Cap Screw, 3/8-16 1.25 Gr5	41	741-3084	Bearing, Flange, .75 x 1.125 x .375
20	711-0832	Ferrule, 3/8-24 x .375	42	747-04883A	Rod, Control - Forward/Reverse
21	712-04065	Nut, Hex Insert Flange Lock, 3/8-16 GrF	43	747-04896	Rod, Idler
22	712-0690	Nut, Hex, M8-1.25	44	750-04776	Spacer, .38 x .625 x .265

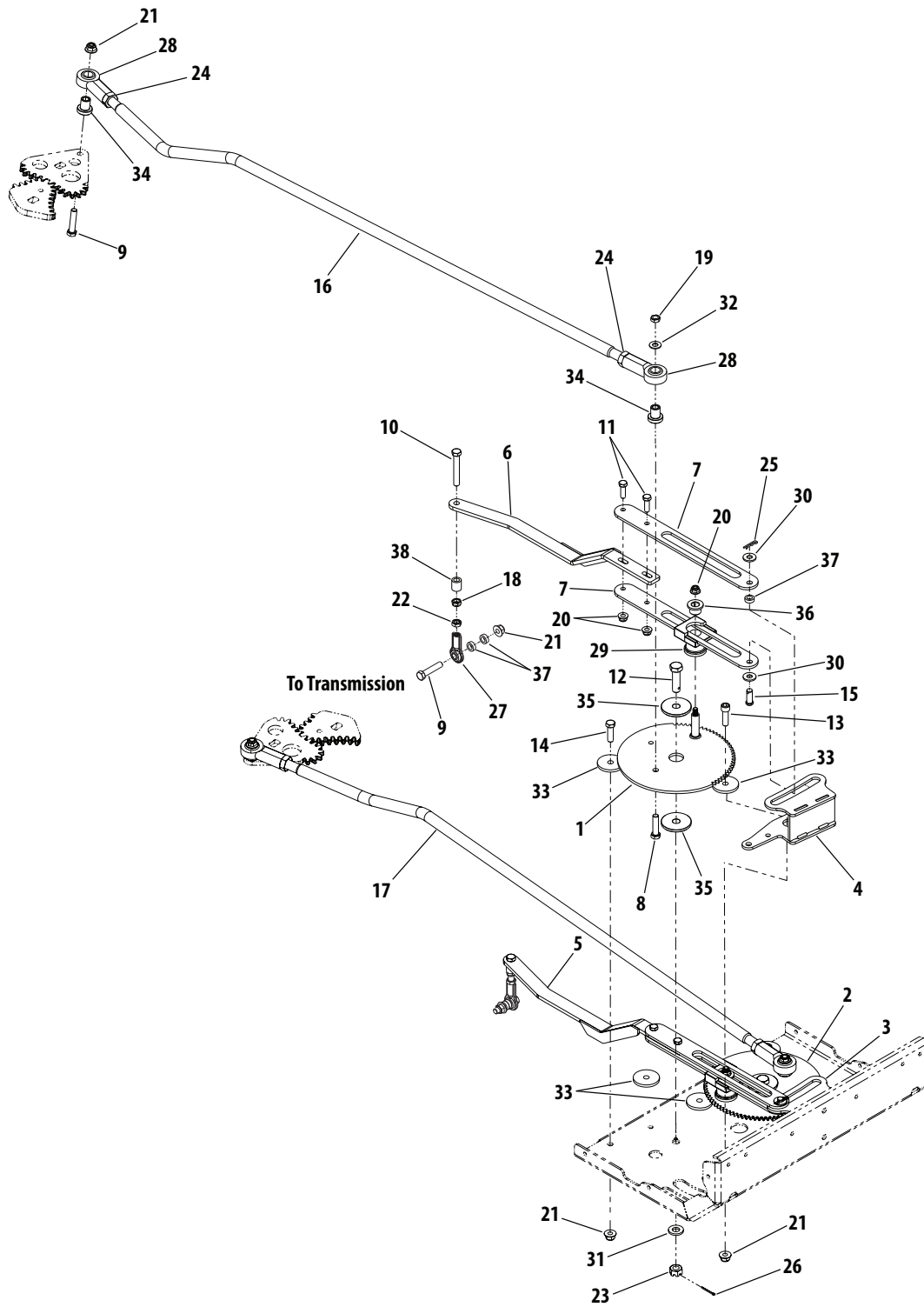
Steering Shaft, Pedestal & Running Board



Steering Shaft, Pedestal & Running Board

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	625-04036P 925-3161A	Headlight Assembly Lamp Assembly	23	712-0161	Nut, Hex Insert Lock, #10-24 Gr2
2	631-0076	Boot, Tilt Steering	24	712-04064	Nut, Hex Insert Flange Lock, 1/4-20 GrF
3	631-04008A	Wheel Assembly, Steering	25	712-04065	Nut, Hex Insert Flange Lock, 3/8-16 GrF
4	638-04018	Shaft, Steering	26	716-0115	Ring, Retaining, .56 Dia.
5	703-06388	Bracket, Upper Steering Support	27	717-04570	Gear, Steering, 14T
6	703-06497	Bracket, Steering Pivot	28	717-04571	Shaft, Steering
7	703-06498	Bracket, Pedestal Mounting	29	726-3046	Clip, Ratchet, .25
8	703-06551	Pedestal	30	731-06324	Housing, Pedestal
9	703-06553	Bracket, Pedestal Front	31	731-3224	Lever, Tilt
10	703-06558	Board, Running	32	731-04532A	Cover, Steering Wheel;
11	703-06560	Bracket, Tilt Index	33	732-0932	Spring, Extension, .38 x 5.6
12	703-06563	Bracket, Headlight	34	735-04124	Pad, Foot, RH
13	703-06633	Bracket, Pedestal Mounting	35	735-04125	Pad, Foot, LH
14	710-0347	Screw, Hex Cap, 3/8-16 x 1.75 Gr5	36	736-0176	Washer, Flat, .265 x .938 x .12
15	710-04187	Screw, Hex Wash. Hd. Lock, 1/4-15 x .5	37	736-0514	Washer, Flat, .885 x 1.85 x .06
16	710-0433	Screw, Hex Cap, 1/4-20 x .625 Gr5 Lock	38	736-0518	Washer, Thrust, .445 x 1.92 x .06
17	710-04483	Screw, Pan Hd. Torx, 1/4-20 x .5	39	741-0225	Bearing, Hex Flange
18	710-04484	Screw, Hex Wash. Hd. Tapp, 5/16-18 x .75	40	741-04323	Bearing, Flange, 7/16
19	710-04586	Screw, Hex Wash Hd. Tapp, 1/4-20 x 1.625	41	748-0176	Bearing, Flange, .63 x .62
20	710-04776	Screw, Socket Hd. 1/4-20 x 1.25	42	748-3083A	Index, Tilt Steering
21	710-0514	Screw, Hex Cap, 3/8-16 x 1.0 Gr5	43	748-3084A	Block, Tilt Steering
22	710-3009	Screw, Pan Phillips Hd Tapp, #10-24 x .75	44	714-04065	Wrench, Allen, 3/16

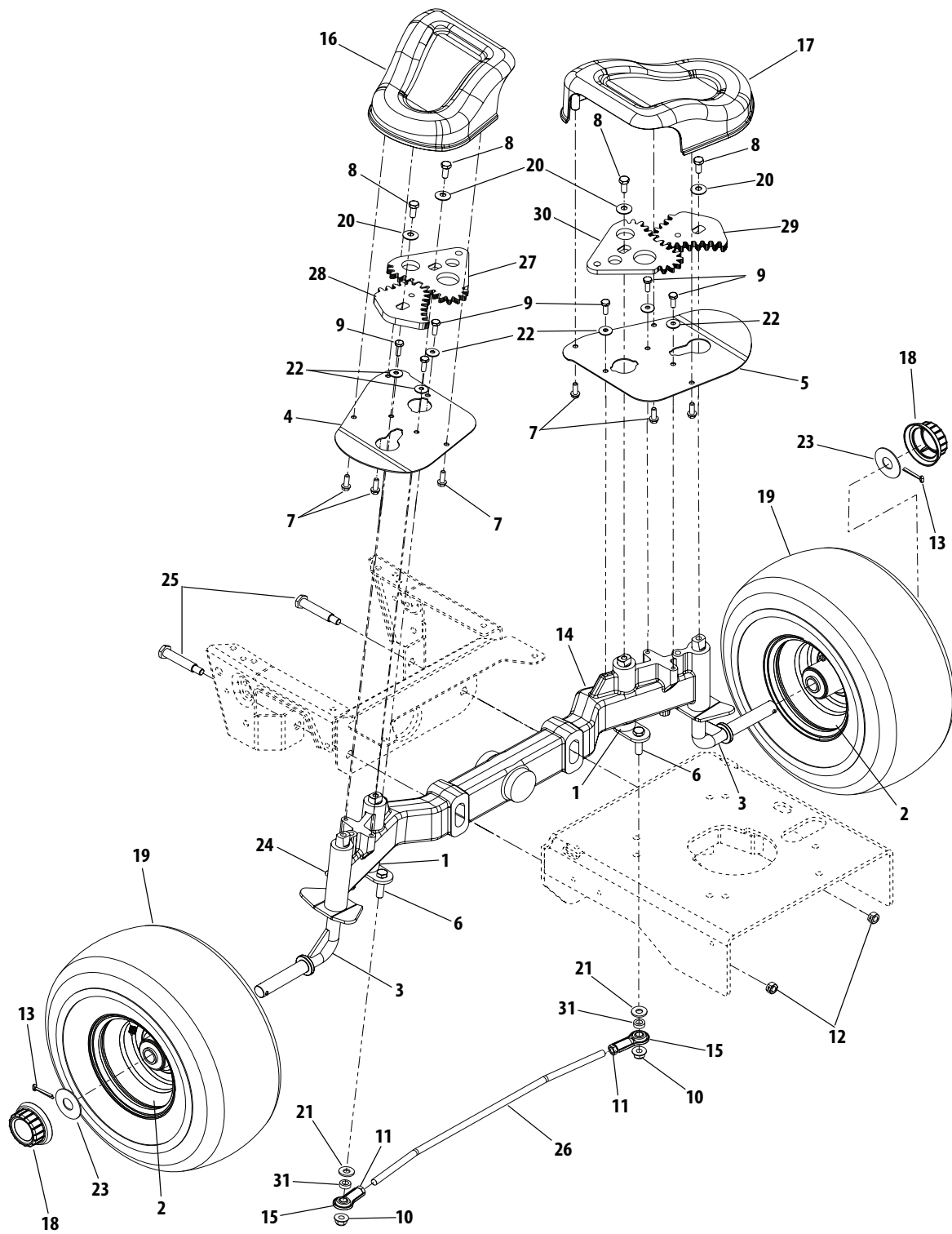
Steering Linkage



Steering Linkage

Ref. No.	Part No.	Description
1	603-04580	Gear Assembly, Steering RH
2	603-04581	Gear Assembly, Steering LH
3	603-04588	Bracket, Control LH
4	603-04589	Bracket, Control RH
5	603-04592	Link Assembly, Control, LH
6	603-04593	Link Assembly, Control, RH
7	703-06531A	Plate, Cam (Replaces 703-06531 by also ordering Qty. 2 - 710-0276)
8	710-0344	Screw, Hex Cap, 3/8-16 x 1.5 Gr5
9	710-0347	Screw, Hex Cap, 3/8-16 x 1.75 Gr5
10	710-0369	Screw, Hex Cap, 3/8-24 x 2.5 Gr5
11	710-0376 710-0276	Screw, Hex Cap, 5/16-18 x 1.0 Gr5 - Used with 703-06531 cam plates Bolt, Carriage, 5/16-18 x 1.0 - Used with 703-06531A cam plates
12	710-04775	Screw, Hex Cap, 1/2-20 x 1.75 Gr5
13	710-04789	Screw, Socket Hd., 3/8-16 x 1.25
14	710-3005	Screw, Hex Cap, 3/8-16 x 1.25 Gr5
15	711-0173	Pin, Clevis, .375 x .969
16	711-04899	Link, Drag, RH
17	711-04953	Link, Drag, LH
18	712-0116	Nut, Hex Insert Jam Lock, 3/8-24 Gr5
19	712-0181	Nut, Hex Jam Lock, 3/8-16 Gr5
20	712-04063	Nut, Hex Insert Flange Lock, 5/16-18 GrF
21	712-04065	Nut, Hex Insert Flange Lock, 3/16-16 GrF
22	712-0711	Nut, Hex Jam, 3/8-24, Gr5
23	712-3012	Nut, Hex Slotted, 1/2-20 Gr5
24	712-3056	Nut, Hex Jam, 5/8-18, Gr5
25	714-0104	Pin, Internal Cotter
26	714-0111	Pin, Cotter, 3/32 x 1.0
27	723-04035	End, Ball Joint Rod
28	723-04050	Ball Joint, .625 ID x 5/8-18
29	731-06317	Box, Steering Guide
30	736-0262	Washer, Flat, .385 x .87 x .092
31	736-0326	Washer, Flat, .51 x 1.0 x .125
32	736-0864	Washer, Thrust, .375 x .812 x .06
33	738-04162A	Spacer, Shoulder, .884 x .19
34	738-04328	Spacer, Shoulder, .3825 x .6175
35	738-04337	Spacer, Shoulder, .979 x .2025
36	741-0248	Bearing, Flange, .51 x .757
37	750-0535	Spacer, .38 x .625 x .21
38	750-0807	Spacer, .385 x .625 x .70

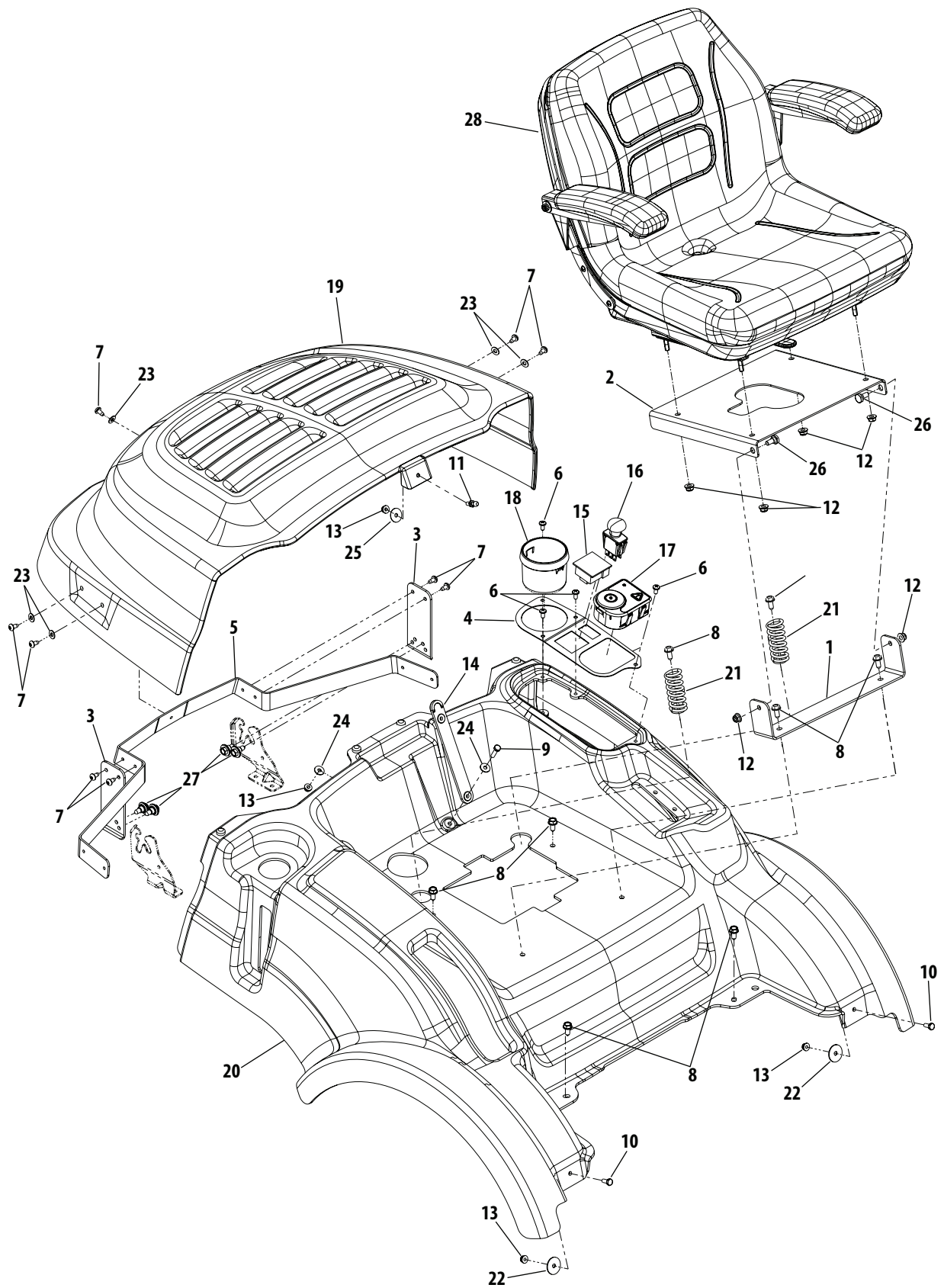
Rear Pivot Axle



Rear Pivot Axle

Ref. No.	Part No.	Description
1	603-04528	Shaft Assembly, Steering Pivot
2	634-04104A	Rim Assembly - Includes Qty. 2: 741-04137 ball bearings and 734-0255 air valve.
	737-0224	Lube Fitting
3	647-04130B	Axle Assembly, Wheel
4	703-06590	Plate, Steering Gear Base RH
5	703-06602	Plate, Steering Gear Base LH
6	710-0347	Screw, Hex Cap, 3/8-16 x 1.75 Gr5
7	710-0895	Screw, Hex Wash. Hd., 1/4-15 x .75
8	710-1880	Screw, Hex Cap, 5/16-18 x .75 Gr5 Patch
9	710-3015	Screw, Hex Cap, 1/4-20 x .75 Gr5
10	712-04065	Nut, Hex Flange Insert Lock, 3/8-16 GrF
11	712-0711	Nut, Hex Jam, 3/8-24 Gr5
12	712-3000	Nut, Hex Center Lock, 3/8-16 GrB
13	714-04039	Pin, Cotter, 5/32 x 1.25
14	719-04396	Bar, Pivot
15	723-04035	Ball Joint End, .375
16	731-06348	Cover, Steering Gear, RH
17	731-06354	Cover, Steering Gear, LH
18	731-3020	Hubcap
19	734-04365	Tire
20	736-0242	Washer, Belleville, .34 x .872 x .06
21	736-0262	Washer, Flat, .385 x .87 x .092
22	736-0270	Washer, Belleville, .265 x .75 x .062
23	736-0866	Washer, Flat, .755 x 1.92 x .060
24	737-3000	Fitting, Lube, 3/16 drive
25	738-1011A	Bolt, Shoulder, .5 x 2.23 : 3/8-16
26	747-04909	Rod, Tie, 3/8-24 x 18.27
27	748-04185	Gear, Spur, 13T RH
28	748-04186	Gear, Spur, 14T RH
29	748-04187	Gear, Spur, 14T LH
30	748-04195	Gear, Spur, 13T LH
31	750-04776	Spacer, .38 x .625 x .265

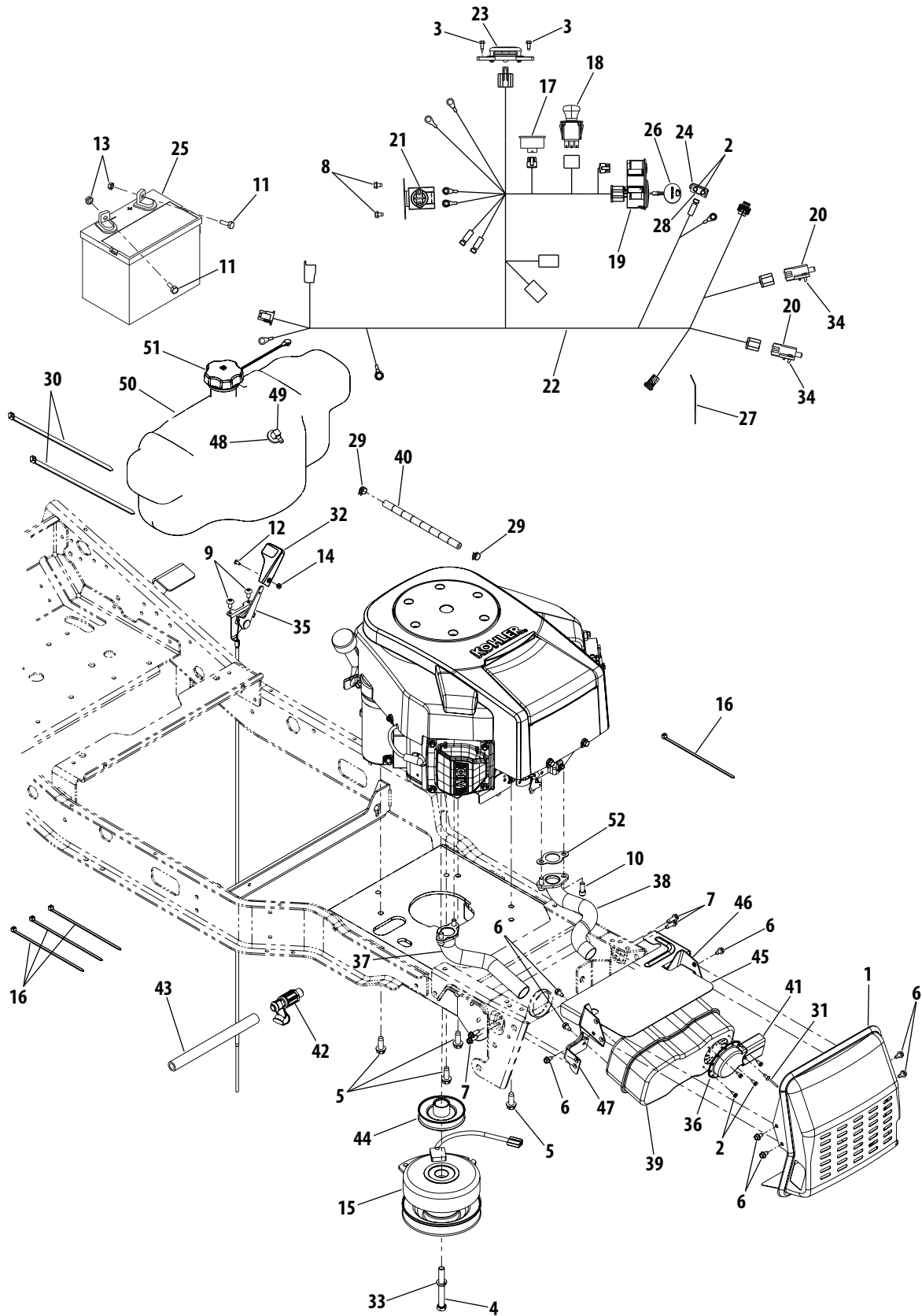
Engine Cover, Fender and Seat



Engine Cover, Fender and Seat

Ref. No.	Part No.	Description
1	703-06402	Bracket, Seat Pivot
2	703-06403	Base, Seat Mounting
3	703-06544	Bracket, Hood Pivot
4	703-06550	Panel, Console Control
5	703-06604	Bracket, Hood Support
6	710-04030	Screw, Pan Hd. Phillips, 1/4-20 x .5
7	710-04483	Screw, Pan Hd. Torx, 1/4-20 x .5
8	710-04484	Screw, Hex Wash Hd. Tapp, 5/16-18 x .75
9	710-0597	Screw, Hex Cap, 1/4-20 x 1.0 Gr5
10	710-3015	Screw, Hex Cap, 1/4-20 x .75 Gr5
11	711-04069	Pin, Grasscatcher 1/4-20
12	712-04063	Nut, Hex Insert Flange Lock, 5/16-18 GrF
13	712-04064	Nut, Hex Insert Flange Lock, 1/4-20 GrF
14	723-04008A	Strap, Hood
15	725-04022B	Meter, Indicator/Hour
16	725-04174	Switch, Electric PTO
17	725-04227B	Module, Key Switch
18	731-04591A	Holder, Cup
19	731-06302	Hood
20	731-06312	Fender
21	732-04035	Spring, Compression, 1.28 x 3.125
22	736-0211	Washer, Flat, .285 x 1.25 x .06
23	736-0463	Washer, Flat, .25 x .63 x .0515
24	736-3090	Washer, Flat, .26 x .72 x .60
25	736-3092	Washer, Flat, .265 x 1.0 x .030 HT
26	738-0140	Screw, Shoulder, .435 x .178:5/16-18
27	738-04091A	Screw, Shoulder, .43 x .29:TT:5/16-18
28	757-04070	Seat, w/Arm Rests

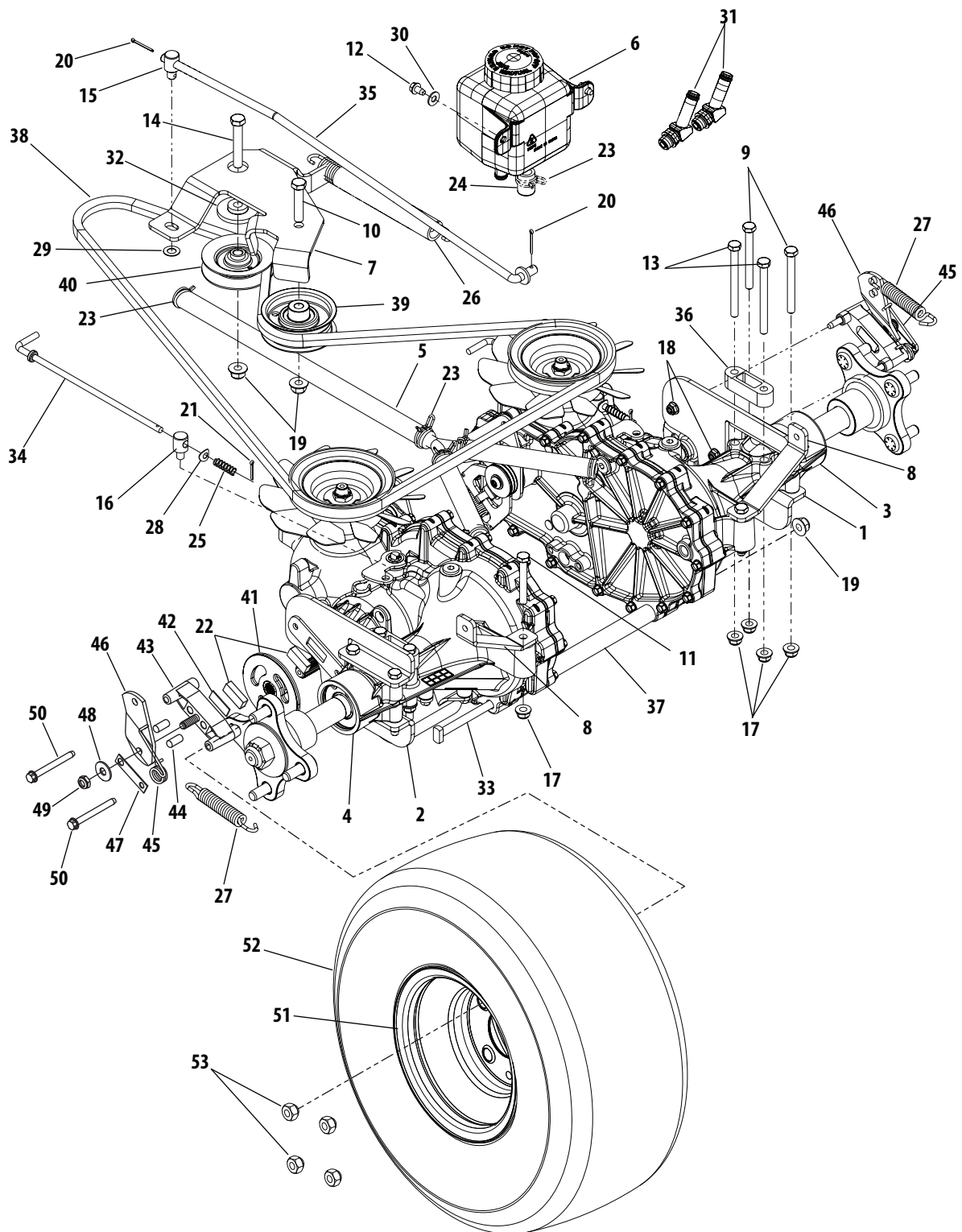
Engine Connections & Battery



Engine Connections & Battery

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	683-04256	Shield, Muffler	27	726-0154	Tie, Cable
2	710-0227	Screw, Hex Wash. Hd. Tapp, #8-18 x .5	28	726-0320	Plate, Insulator
3	710-04261	Screw, Hex Wash. Hd. Tapp, #12-16 x .5	29	726-0205	Clamp, Hose
4	710-04379A	Screw, Hex Cap Lock, 7/16-20 x 3.5 Gr5	30	726-0230	Tie, Cable
5	710-04683	Screw, Hex Wash. Hd. Tapp, 3/8-16 x 1.0	31	728-04000	Rivet, Pop, .188 x .3
6	710-0599	Screw, Hex Wash. Hd. Tapp, 1/4-20 x .5	32	731-04914	Knob, Throttle Control
7	710-0624	Screw, Hex Wash. Hd. Tapp, 1/4-20 x .75	33	736-0171	Washer, Lock, 7/16
8	710-0653	Screw, Hex Wash. Hd. Tapp, 1/4-20 x .375	34	738-04237A	Screw, Shoulder, #10-32 x .5
9	710-1017	Screw, Truss Hd. Torx, 1/4-14 x .625	35	746-04539	Cable, Throttle Control, 41.5 Long
10	710-1314A	Screw, Socket Hd., 5/16-18 x .75	36	751-0564B	Deflector, Muffler
11	710-3015	Screw, Hex Cap, 1/4-20 x .75 Gr5	37	751-10006	Pipe, Exhaust RH
12	710-3217	Screw, Truss Hd. Phillips Mach., #8-32 x .375	38	751-10007	Pipe, Exhaust LH
13	712-0271	Nut, Sems, 1/4-20	39	751-10161	Muffler, Dual Inlet
14	712-0142	Nut, Hex, #8-32 GrA	40	751-10349	Hose, Fuel Line
15	717-04552	Clutch, Electric PTO	41	751-10353	Deflector, Muffler
16	725-0157	Tie, Cable, 3/16 x 7.4	42	751-10517	Valve, Oil Drain
17	725-04022B	Meter, Indicator/Hour	43	751-10831	Hose, Oil Drain Extension
18	725-04174	Switch, Electric PTO	44	756-0978B	Pulley, Engine
19	725-04227B	Module, Key Switch	45	783-04783A	Shield, Heat
20	725-04363	Switch, Interlock	46	783-04870	Bracket, Muffler LH
21	725-04439	Solenoid	47	783-04872	Bracket, Muffler RH
22	725-04690	Harness, Wire	48	735-0149	Bushing, Rubber
23	725-04708	Switch, Seat	49	751-10442	Fitting, Fuel Pickup
24	725-1644	Switch, Spring	50	751-10692	Tank, Fuel, 3.5 Gallon
25	925-01707D	Battery	51	751-10703	Cap, Fuel
26	725-2054A	Key, Ignition	52	KH-24-041-49-S	Gasket, Exhaust

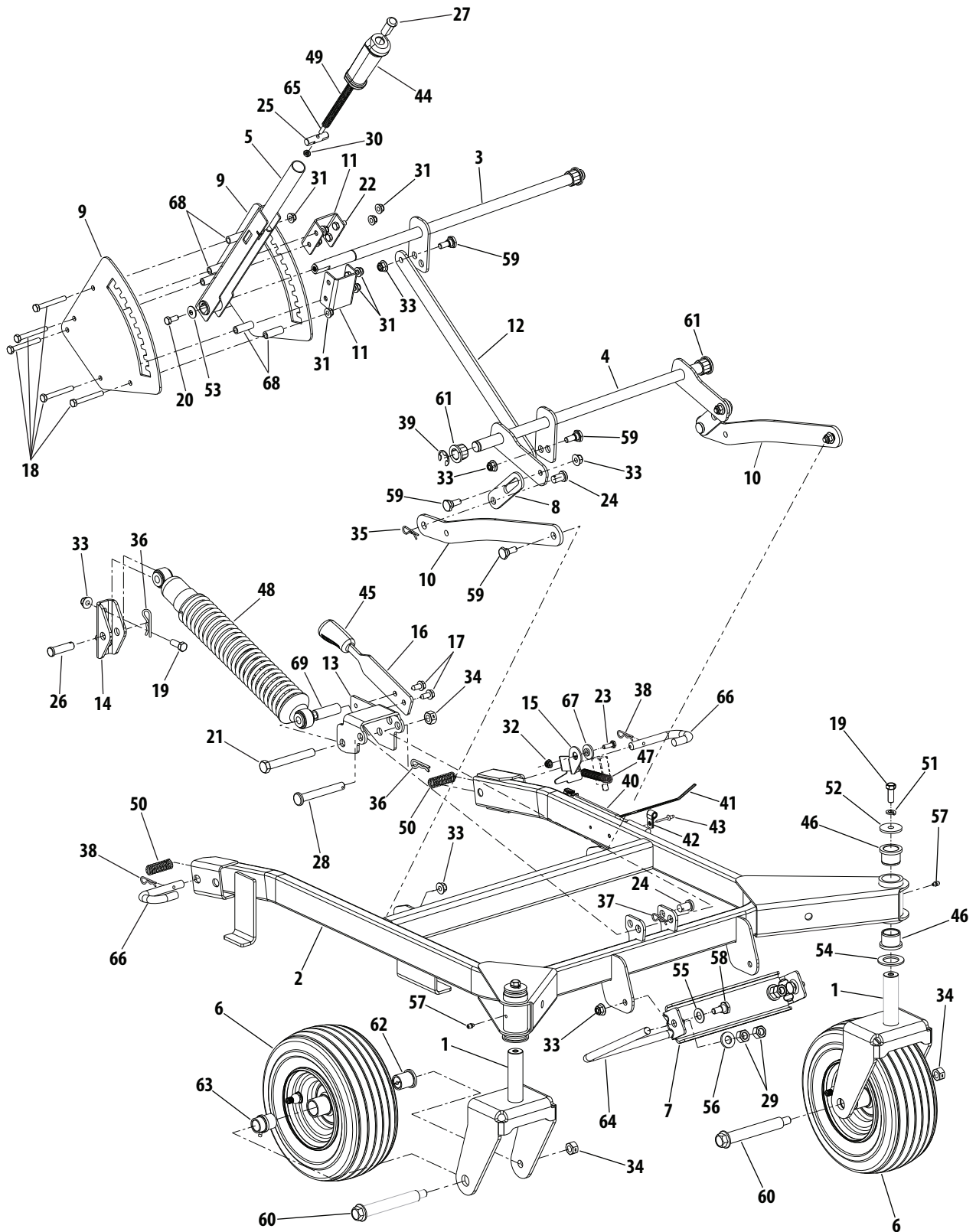
Transmissions and Drive Belt



Transmissions and Drive Belt

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	603-04595	Bracket, Brake LH	29	736-0314	Washer, Thrust, .375 x .7 x .03
2	603-04601	Bracket, Brake RH	30	736-0463	Washer, Flat, .25 x .63 x .0515
3	918-04651	Transmission, LH	31	737-04226	Fitting, Elbow 45 Degree
4	918-04652	Transmission, RH	32	738-04162A	Spacer, Shoulder, .884 x .19
5	618-04668	Breather	33	738-04325	Rod, .337 x 11.434
6	631-04286	Tank, Expansion	34	747-04636	Rod, Bypass
7	703-06442	Bracket, Idler	35	747-04896	Rod, Idler
8	703-06674	Bracket, Transmission Mounting	36	748-0334	Spacer, Axle
9	710-0189	Screw, Hex Cap, 5/16-18 x 3.0 Gr5	37	750-05025	Spacer, .4375 x .75 x 8.193
10	710-0347	Screw, Hex Cap, 3/8-16 x 1.75 Gr5	38	754-04189	Belt, V, A Section x 70.96
11	710-0395	Screw, Hex Cap, 5/16-18 x 2.25 Gr5	39	756-04224	Pulley, Flat Idler, 2.75
12	710-0599	Screw, Hex Wash. Hd. Tapp, 1/4-20 x .5	40	756-04325	Pulley, V-Type Idler
13	710-1266	Screw, Hex Cap, 5/16-18 x 3.5 Gr5	41	761-04061	Disc, Brake
14	710-3011	Screw, Hex Cap, 3/8-16 x 2.25 Gr5	42	717-0682	Plate, Brake Puck
15	711-0832	Ferrule, 3/8-24 x .375	43	761-0207A	Yoke, Brake
16	711-1530	Ferrule, .325 x .312	44	741-0343	Pin, Actuating, 5/16
17	712-04063	Nut, Hex Insert Flange Lock, 5/16-18 GrF	45	732-0742 732-0743	Spring, Torsion - RH Brake Spring, Torsion - LH Brake
18	712-04064	Nut, Hex Insert Flange Lock, 1/4-20 GrF	46	717-0700 717-0772B	Arm, Brake Actuator - RH Brake Arm, Brake Actuator - LH Brake
19	712-04065	Nut, Hex Flange Insert Lock, 3/8-16 GrF	47	761-0208	Bracket, Anti Rotation
20	714-0111	Pin, Cotter, 3/32 x 1.0	48	736-0371	Washer, Flat, .343 x .88 x .062
21	714-0507	Pin, Cotter, 3/23 x .75	49	712-0273	Nut, Hex Insert Lock, 5/16-18
22	717-0678	Pad, Brake	50	710-1206	Screw, Hx Wash. Hd. Tapp, 1/4-30 x 2.375
23	726-04059	Clamp, Hose, .75	51	634-0246A 734-0255	Rim Assembly Valve, Air
24	731-05785	Cap, 1/2 ID x .87 Long	52	734-04363	Tire
25	732-0437	Spring, Compression, .34 x 1.0	53	712-3050	Nut, Lug, 7/16-14
26	732-0594A	Spring, Extension, .91 x 7.33			
27	732-0716D	Spring, Extension, .59 x 4.0			
28	736-0175	Washer, Spring, .265 x .562 x .025			

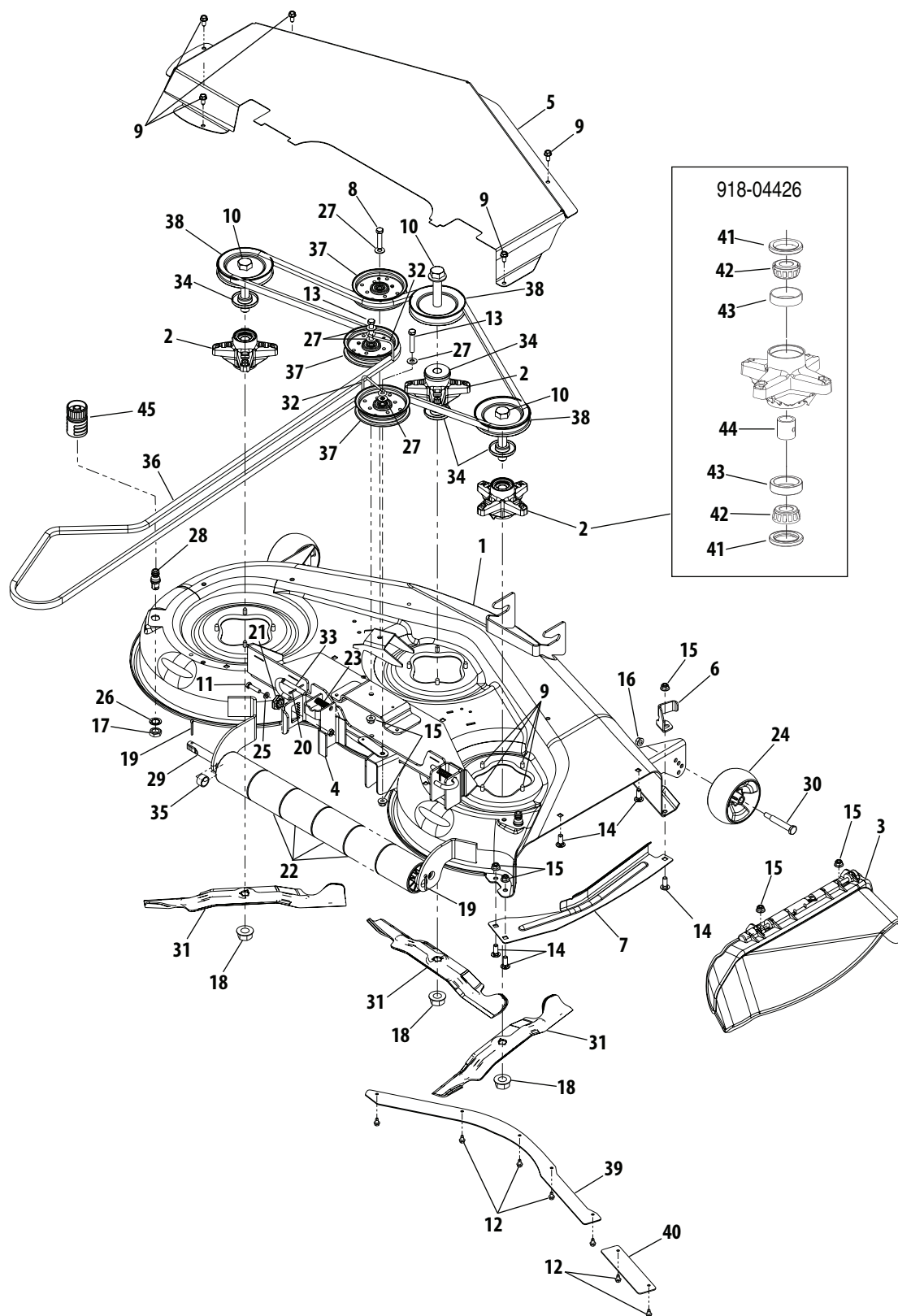
Deck Frame and Lift Handle



Deck Frame and Lift Handle

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	603-04308	Bracket, Castor Wheel	36	714-0147	Pin, Internal Cotter
2	603-04499	Frame, Deck	37	714-04023	Pin, Internal Cotter
3	603-04505	Shaft Assembly, Deck Lift	38	714-04023	Pin, Internal Cotter
4	603-04506	Shaft Assembly, Deck Lift	39	716-0231	E-Ring, Retainer
5	603-04509	Handle Assembly, Lift	40	725-04715	Harness, Safety
6	634-04212A	Wheel Assembly, Caster	41	726-0154	Tie, Cable, Push Mount
7	703-05414A	Bracket, Front Deck Hanger	42	726-04056	Clamp, Hose
8	703-06209	Link, Deck Lift Arm	43	728-04000	Rivet, Pop, .188 x .3
9	703-06213	Plate, Index	44	731-3158	Grip, Deck Lift Handle
10	703-06389	Arm, Deck Lift	45	731-04735	Grip, Shock Absorber Handle
11	703-06408	Bracket, Index Mounting	46	731-05500	Bearing, Flange, 1.0 x 1.246
12	703-06409	Link, Deck Lift	47	732-0428A	Spring, Extension, .50 x 4.35
13	703-06568	Bracket, Shock Absorber Mounting	48	732-04512	Shock Absorber
14	703-06596	Mount, Shock Abs.	49	732-3097	Spring, Compression, .4 x 8.52
15	703-06663	Bracket, Deck Limit Switch	50	732-3127	Spring, Compression, .66 x 1.9
16	703-06673	Handle, Shock Absorber	51	736-0169	Washer, Lock, 3/8
17	710-04484	Screw, Hex Wash. Hd. Tapp, 5/16-18 x .75	52	736-0227	Washer, Flat, .39 x 1.5 x .134
18	710-0378	Screw, Hex Cap, 5/16-18 x 2.5 Gr5	53	736-0242	Washer, Belleville, .34 x .872 x .06
19	710-0514	Screw, Hex Cap, 3/8-16 x 1.0 Gr5	54	736-0250	Washer, Flat, 1.0 x 1.75 x .107
20	710-0627	Screw, Hex Cap Lock, 5/16-24 x .75 Gr5	55	736-0272	Washer, Flat, .52 x 1.0 x .06
21	710-0786	Screw, Hex Cap, 1/2-13 x 4.0 Gr5	56	736-3019	Washer, Flat, .531 x 1.062 x .134 HT
22	710-3008	Screw, Hex Cap, 5/16-18 x .75 Gr5	57	737-300	Fitting, Lube, 3/16 Drive
23	710-3015	Screw, Hex Cap, 1/4-20 x .75 Gr5	58	738-0143	Screw, Shoulder, .496 x .336: 3/8-16
24	711-0332	Pin, Clevis, .5 x .78	59	738-0380	Screw, Shoulder, .5 x .27:3/8-16
25	711-04898	Pin, Index	60	738-04182A	Bolt, Shoulder, .75 x 4.75: 1/2-13
26	711-04997	Pin, Clevis, .5 x 1.59	61	741-0245	Bearing, Hex Flange, .75 ID
27	711-0642A	Button, Handle	62	741-0516B	Bearing, Flange, .76 x 1.0 x 1.2
28	711-1206	Pin, Clevis, .5 x 3.75	63	741-0990B	Bearing, Flange, .76 ID w/ Lube Fitting
29	712-0206	Nut, Hex, 1/2-13 Gr5	64	747-04858	Rod, Deck Front Hanger
30	712-0298	Nut, Hex Jam, 1/4-20	65	747-04859	Rod, Lift Index
31	712-04063	Nut, Hex Insert Flange Lock, 5/16-18 GrF	66	747-3188	Rod, Deck Release
32	712-04064	Nut, Hex Insert Flange Lock, 1/4-20 GrF	67	748-04192	Spacer, Shoulder, .5 x .11 x .25
33	712-04065	Nut, Hex Insert Flange Lock, 3/8-16 GrF	68	750-04981	Spacer, Handle
34	712-3022	Nut, Hex Lock, 1/2-13 GrB	69	750-05095	Spacer, .51 x .69 x 1.97
35	714-0145	Pin, Internal Cotter			

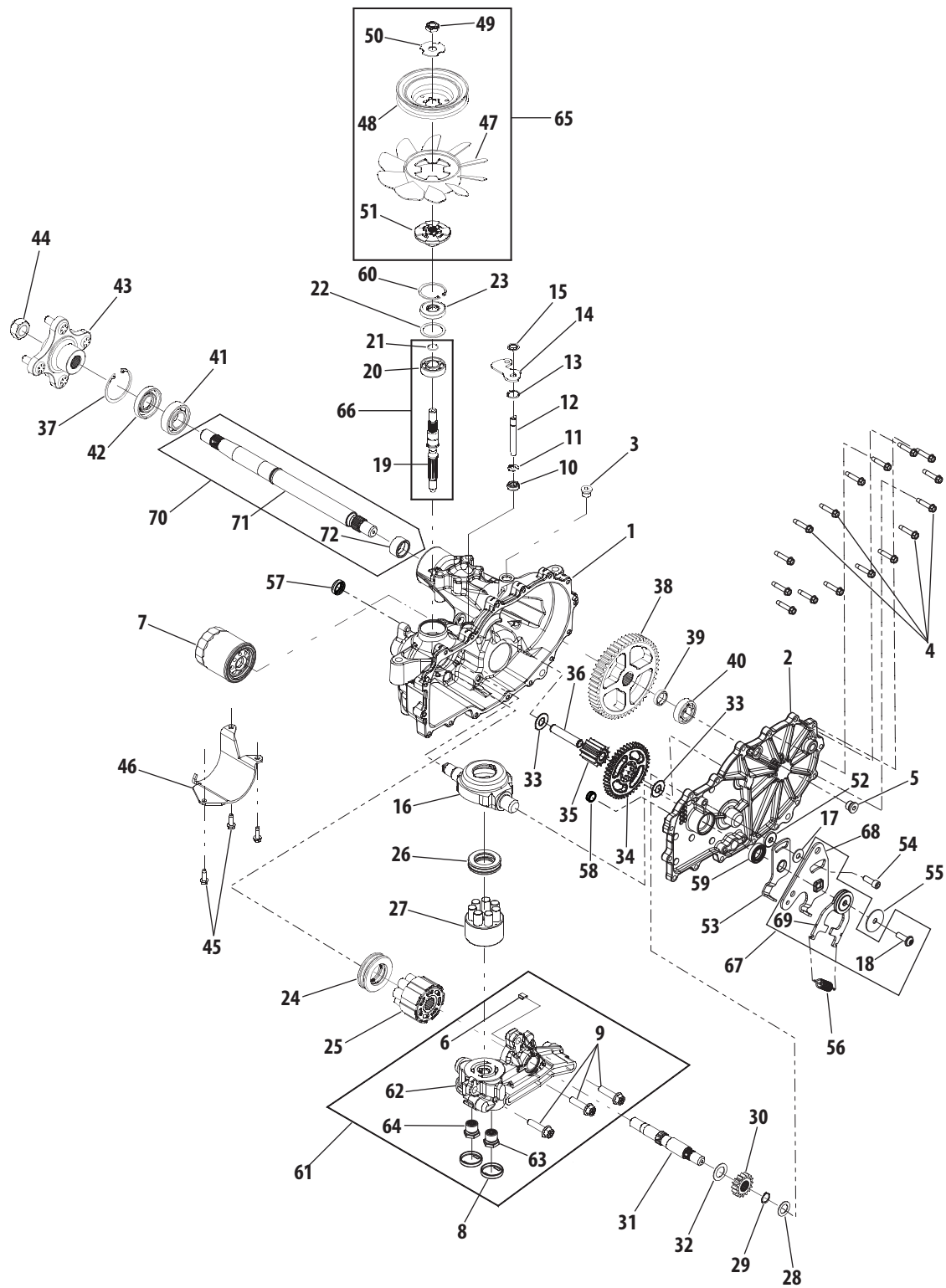
50" Mowing Deck



50" Mowing Deck

Ref. No.	Part No.	Description
1	603-04566	Deck Housing
2	918-04426 737-3000	Spindle Assembly Fitting, Lube, 3/16 Drive
3	631-04070A	Chute Assembly
4	683-0254B	Bracket, Deck Hanger
5	703-06690	Cover, Spindle/Belt
6	703-3279	Stop, Chute Deflector
7	703-3511A	Guard, Finger
8	710-0347	Screw, Hex Cap, 3/8-16 x 1.75 Gr5
9	710-04484	Screw, Hex Wash. Hd. Tapp, 5/16-18 x .75
10	710-04781	Bolt, Spindle, 3/4-16 x 4.25
11	710-0528	Screw, Hex Cap, 5/16-18 x 1.25 Gr5
12	710-0599	Screw, Hex Wash. Hd. Tapp, 5/16-18 x .75
13	710-3144	Screw, Hex Cap, 3/8-16 x 2.0 Gr5
14	710-3168	Bolt, Carriage, 3/8-16 Gr1
15	712-04065	Nut, Hex Insert Flange Lock, 3/8-16 GrF
16	712-0431	Nut, Hex Flange Top Lock, 3/8-16 GrF
17	712-0641	Nut, Hex M16 -1.5
18	712-3078	Nut, Hex Flange Lock, 3/4-16 Gr8
19	714-0162	Pin, Internal Cotter
20	714-0470	Pin, Cotter, 1/8 x 1.25
21	717-04074	Gear, Deck Adjustment
22	731-3305	Roller, Deck
23	732-0306A	Spring, Compression, .531 x 1.75
24	734-04155	Wheel, Deck Ball, 5.0
25	736-0119	Washer, Lock, 5/16
26	736-0225	Washer, Internal Toothe Lock, 5/8
27	736-0300	Washer, Flat, .406 x .875x .059
28	737-04003C	Nozzle, Deck Wash
29	738-04260	Shaft, .75 x 26.893
30	738-3056	Bolt, Shoulder, .496 x 2.5:3/8-16
31	759-04047	Blade, 17.9 2 in 1
32	747-04530	Rod, Belt Keeper
33	747-1116	Rod, Deck Release
34	748-3065A	Spacer, Deck Spindle
35	750-0212	Spacer, .82 x 1.0 x .53
36	754-04188	V-Belt, A Section x 184.25
37	756-04129	Pulley, Idler, 4.25
38	756-3096	Pulley, Spindle
39	783-04414A	Skirt, Deck
40	783-04415	Skirt, Deck
41	721-3018A	Seal, Oil
42	741-04129	Bearing, Cone
43	741-04130	Cup, Bearing
44	750-04409	Spacer, Bearing
45	721-04041	Adapter, Water Nozzle

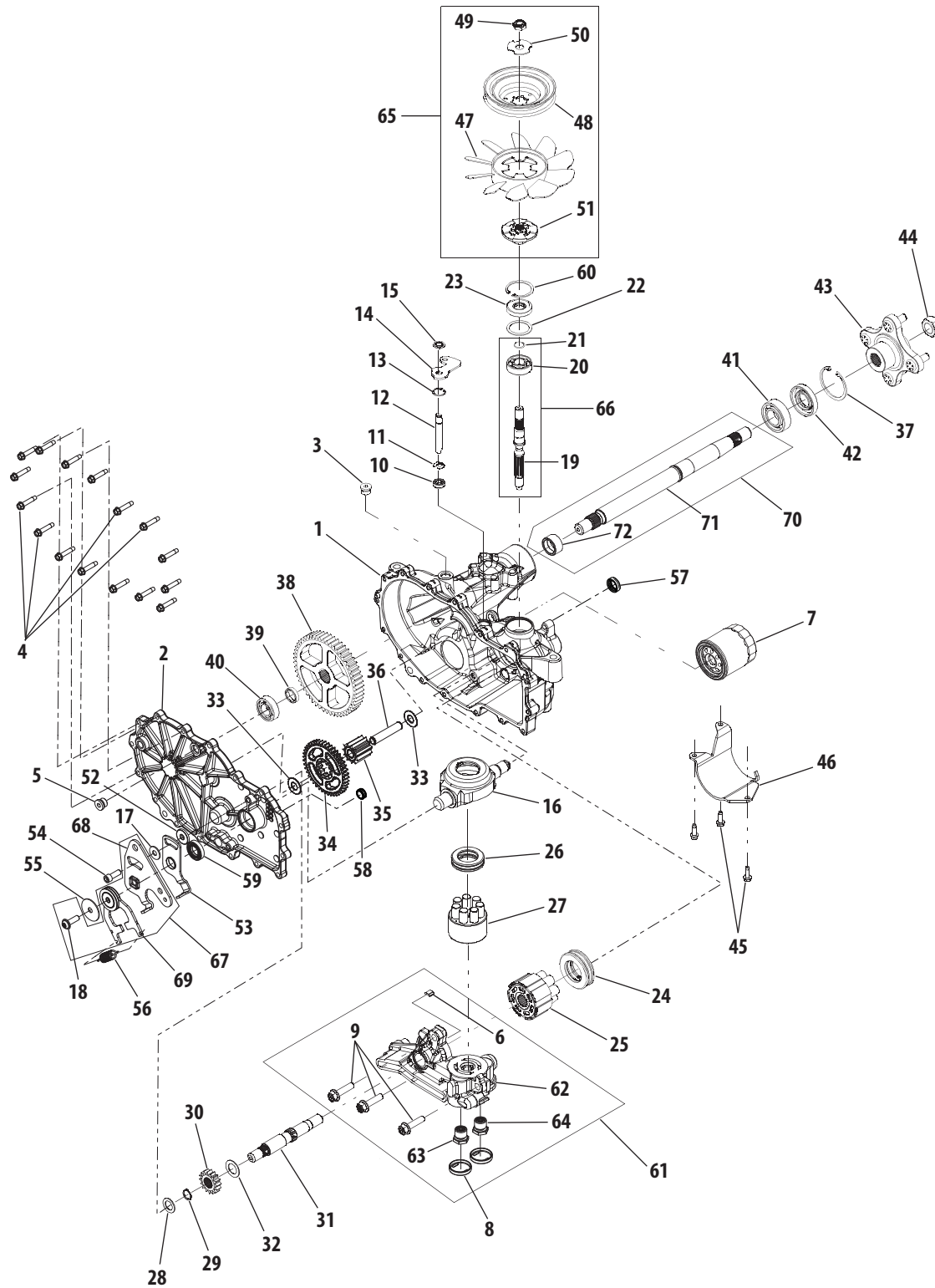
LH Transmission Assembly



LH Transmission Assembly

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	HG-71821	Housing Assembly, Main	37	HG-50859	Ring, Retaining, 2.06 Int
2	HG-71571	Side Cover Assembly	38	HG-52108	Gear, 54T
3	HG-9005110-5600	Plug, Straight Thread	39	HG-52161	Spacer, .75 x 1.0 x .257
4	HG-51190	Screw, Hex Flange	40	HG-44121	Bearing, Ball
5	HG-9005110-5600	Plug, Straight Thread	41	HG-50771	Bearing, Ball
6	HG-51448	Plate, Bypass	42	HG-50772	Seal, Lip
7	HG-52114	Filter, Oil	43	HG-71404	Kit, Hub, 4 Bolt
8	HG-52162	Seal, Plug	44	HG-50863	Nut, Hex Lock, 3/4-16
9	HG-52137	Screw, Hex Cap, 3/8-16 x 1.5 Patched	45	HG-50752	Screw, Hex Cap, 1/4-20 x .75
10	HG-51626	Seal, Lip	46	HG-52257	Guard, Filter
11	HG-51628	Ring, Retaining, .375 Ext.	47	HG-52365	Fan, 7"
12	HG-52136	Rod, Bypass	48	N/A	Pulley Disc - Order Fan/Pulley Kit HG-71351
13	HG-51627	Ring, Retaining, .75 Int.	49	912-0346	Nut, Hex Lock, 1/2-20
14	HG-52742	Arm, Bypass	50	HG-51523	Washer, Slotted
15	HG-51630	Ring, Retaining, .375 Ext.	51	N/A	Hub, - Order Fan/Pulley Kit HG-71351
16	HG-51048	Swashplate, Trunnion	52	HG-52527	Spacer, .32 x 1.005 x .179
17	736-0371	Washer, .34 x .88 x .06	53	HG-51946	Arm, Neutral
18	HG-51812	Screw, Patch, 5/16-24 x 1	54	HG-51616	Screw, Patch, 5/16-24 x 1
19	HG-51062	Shaft, Input	55	HG-51950	Washer, .343 x 1.5 x .062
20	HG-50315	Bearing, Ball	56	HG-51605	Spring, Extension
21	HG-2000022	Ring, Retaining	57	HG-53138	Seal
22	HG-50951	Washer, 1.23 x 1.56 x .04	58	HG-53139	Seal, Plug
23	HG-51161	Seal, Lip	61	HG-71567	Kit, Center Section - Includes Ref. Nos. 6, 8, 9, 62 thru 64
24	HG-51462	Bearing, Thrust	65	HG-71351	Kit, Fan/Pulley - Includes Ref. Nos. 47 thru 51
25	HG-71579	Block Assembly, Cylinder	66	HG-71443	Kit, Input Shaft - Includes Ref. Nos. 19 thru 21
26	HG-50551	Bearing, Thrust	67	HG-71592	Kit, Return Bidirectional - Includes Ref. Nos. 18, and 67 thru 69
27	HG-70723	Block Assembly, 7 Piston	70	HG-71570	Kit, Axle Shaft - Includes Ref. Nos. 71 and 72
28	HG-44371	Washer, Flat, 5/8 x 1.0 x .05		HG-50928	Sealant
29	HG-44145	Ring, Retaining		HG-71410	Seal Kit - Includes Ref. Nos. 8, 10, 11, 13, 15, 18, 21, 23, 29, 37, 42, 57- 60
30	HG-52149	Gear, 16T			
31	HG-53136	Shaft, Motor			
32	HG-51069	Washer, .72 x 1.16 x .04			
33	HG-50132	Washer, HT, .5 x 1.0 x .03			
34	HG-52148	Gear, 43T			
35	HG-52583	Gear, 11T			
36	HG-51083	Pin, Jackshaft			

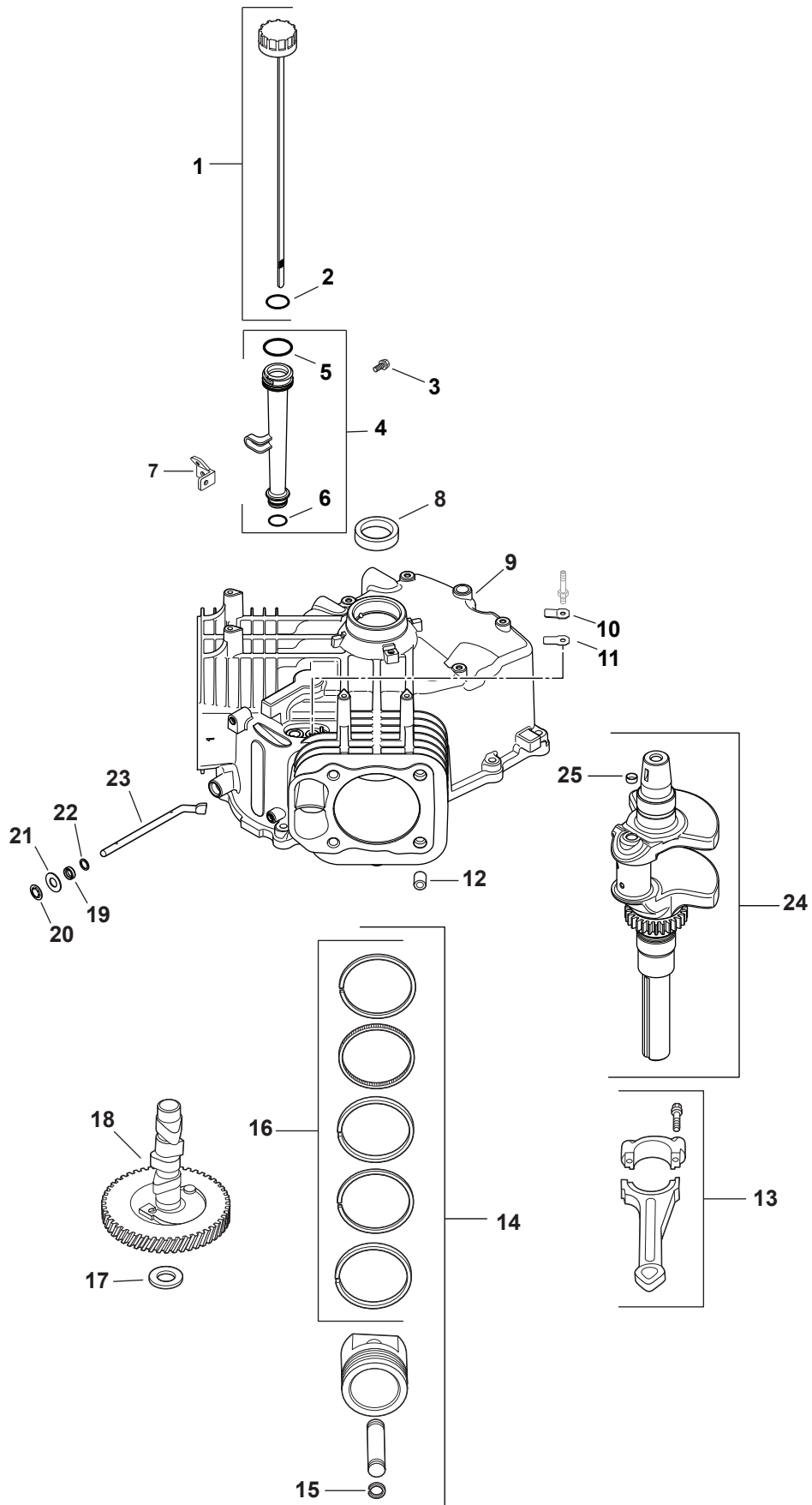
RH Transmission Assembly



RH Transmission Assembly

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	HG-71822	Housing Assembly, Main	37	HG-50859	Ring, Retaining, 2.06 Int
2	HG-71573	Side Cover Assembly	38	HG-52108	Gear, 54T
3	HG-9005110-5600	Plug, Straight Thread	39	HG-52161	Spacer, .75 x 1.0 x .257
4	HG-51190	Screw, Hex Flange	40	HG-44121	Bearing, Ball
5	HG-9005110-5600	Plug, Straight Thread	41	HG-50771	Bearing, Ball
6	HG-51448	Plate, Bypass	42	HG-50772	Seal, Lip
7	HG-52114	Filter, Oil	43	HG-71404	Kit, Hub, 4 Bolt
8	HG-52162	Seal, Plug	44	HG-50863	Nut, Hex Lock, 3/4-16
9	HG-52137	Screw, Hex Cap, 3/8-16 x 1.5 Patched	45	HG-50752	Screw, Hex Cap, 1/4-20 x .75
10	HG-51626	Seal, Lip	46	HG-52247	Guard, Filter
11	HG-51628	Ring, Retaining, .375 Ext.	47	HG-52365	Fan, 7"
12	HG-52136	Rod, Bypass	48	N/A	Pulley Disc - Order Fan/Pulley Kit HG-71351
13	HG-51627	Ring, Retaining, .75 Int.	49	912-0346	Nut, Hex Lock, 1/2-20
14	HG-52742	Arm, Bypass	50	HG-51523	Washer, Slotted
15	HG-51630	Ring, Retaining, .375 Ext.	51	N/A	Hub, - Order Fan/Pulley Kit HG-71351
16	HG-51048	Swashplate, Trunnion	52	HG-52527	Spacer, .32 x 1.005 x .179
17	736-0371	Washer, .34 x .88 x .06	53	HG-51945	Arm, Neutral
18	HG-51812	Screw, Patch, 5/16-24 x 1	54	HG-51616	Screw, Patch, 5/16-24 x 1
19	HG-51062	Shaft, Input	55	HG-51950	Washer, .343 x 1.5 x .062
20	HG-50315	Bearing, Ball	56	HG-51833	Spring, Extension
21	HG-2000022	Ring, Retaining	57	HG-53138	Seal
22	HG-50951	Washer, 1.23 x 1.56 x .04	58	HG-53139	Seal, Plug
23	HG-51161	Seal, Lip	61	HG-71568	Kit, Center Section - Includes Ref. Nos. 6, 8, 9, 62 thru 64
24	HG-51462	Bearing, Thrust	65	HG-71351	Kit, Fan/Pulley - Includes Ref. Nos. 47 thru 51
25	HG-71579	Block Assembly, Cylinder	66	HG-71443	Kit, Input Shaft - Includes Ref. Nos. 19 thru 21
26	HG-50551	Bearing, Thrust	67	HG-71588	Kit, Return Bidirectional - Includes Ref. Nos. 18, and 67 thru 69
27	HG-70723	Block Assembly, 7 Piston	70	HG-71570	Kit, Axle Shaft - Includes Ref. Nos. 71 and 72
28	HG-44371	Washer, Flat, 5/8 x 1.0 x .05		HG-50928	Sealant
29	HG-44145	Ring, Retaining		HG-71410	Seal Kit - Includes Ref. Nos. 8, 10, 11, 13, 15, 18, 21, 23, 29, 37, 42, 57- 60
30	HG-52149	Gear, 16T			
31	HG-53136	Shaft, Motor			
32	HG-51069	Washer, .72 x 1.16 x .04			
33	HG-50132	Washer, HT, .5 x 1.0 x .03			
34	HG-52148	Gear, 43T			
35	HG-52583	Gear, 11T			
36	HG-51083	Pin, Jackshaft			

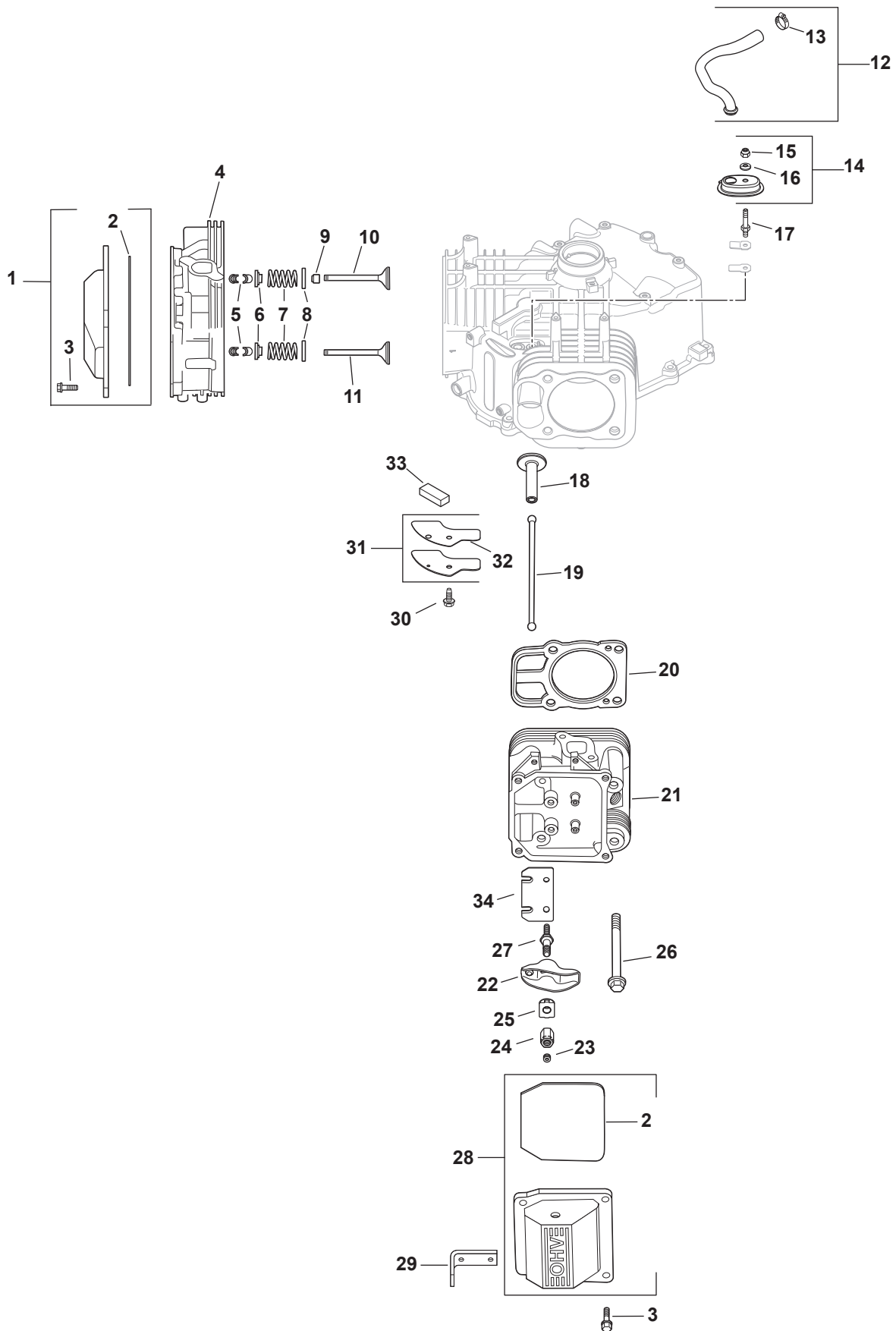
Crankcase and Crankshaft



Crankcase and Crankshaft

Ref. No.	Part No.	Description
	KH-SV715-0019	Service Engine
	KH-32-522-03	Shortblock
	KH-32-755-01-S	Gasket Set
1	KH-32-038-01-S	Dipstick Assembly (Incl. Ref.2)
2	KH-25-153-02-S	O-Ring, Dipstick
3	KH-M-545013-S	Screw, Flange Thrd. Frmg M5 x .8 x 13
4	KH-12-123-35-S	Kit, Oil Fill Tube (Incl. Ref. 5,6)
5	KH-12-153-02-S	O-ring, Upper Fill Tube
6	KH-12-153-01-S	O-ring, Lower Fill Tube
7	KH-24-126-19	Bracket, Fill Tube
8	KH-24-032-19-S	Seal, Oil
9		Crankcase - Use Short Block
10	KH-24-018-04-S	Retainer, Breather Reed
11	KH-12-402-02	Reed, Breather
12	KH-24-380-16-S	Pin, Locating
13	KH-24-067-24-S	Connecting Rod (Std.)
14	KH-25-874-01-S KH-24-874-28-S KH-24-874-27-S	Kit, Piston w/Ring Set (Std.) Kit, Piston w/Ring Set (.25) Kit, Piston w/Ring Set (.08)
15	KH-24-018-01-S	Retainer, Piston Pin
16	KH-24-108-14-S KH-24-108-16-S	Ring Set (Std. & .08) Ring Set (.25)
17	KH-12-422-07-S KH-12-422-08-S KH-12-422-09-S KH-12-422-10-S KH-12-422-11-S KH-12-422-12-S KH-12-422-13-S	Shim, Camshaft (White .028) Shim, Camshaft (Blue .03) Shim, Camshaft (Red .032) Shim, Camshaft (Yellow .034) Shim, Camshaft (Green .036) Shim, Camshaft (Gray .038) Shim, Camshaft (Black .04)
18	KH-32-012-01-S	Kit, Camshaft
19	KH-28-032-09-S	Seal, Governor Cross Shaft
20	KH-24-018-09-S	Retaining Ring
21	KH-M-931010-S	Washer, Flat, 9mm
22	KH-24-468-15-S	Washer, Flat, 11/32
23	KH-24-144-38-S	Shaft, Governor Cross
24	KH-32-014-04-S	Crankshaft (Incl. Ref. 25)
25	KH-52-139-09-S	Plug, Cup

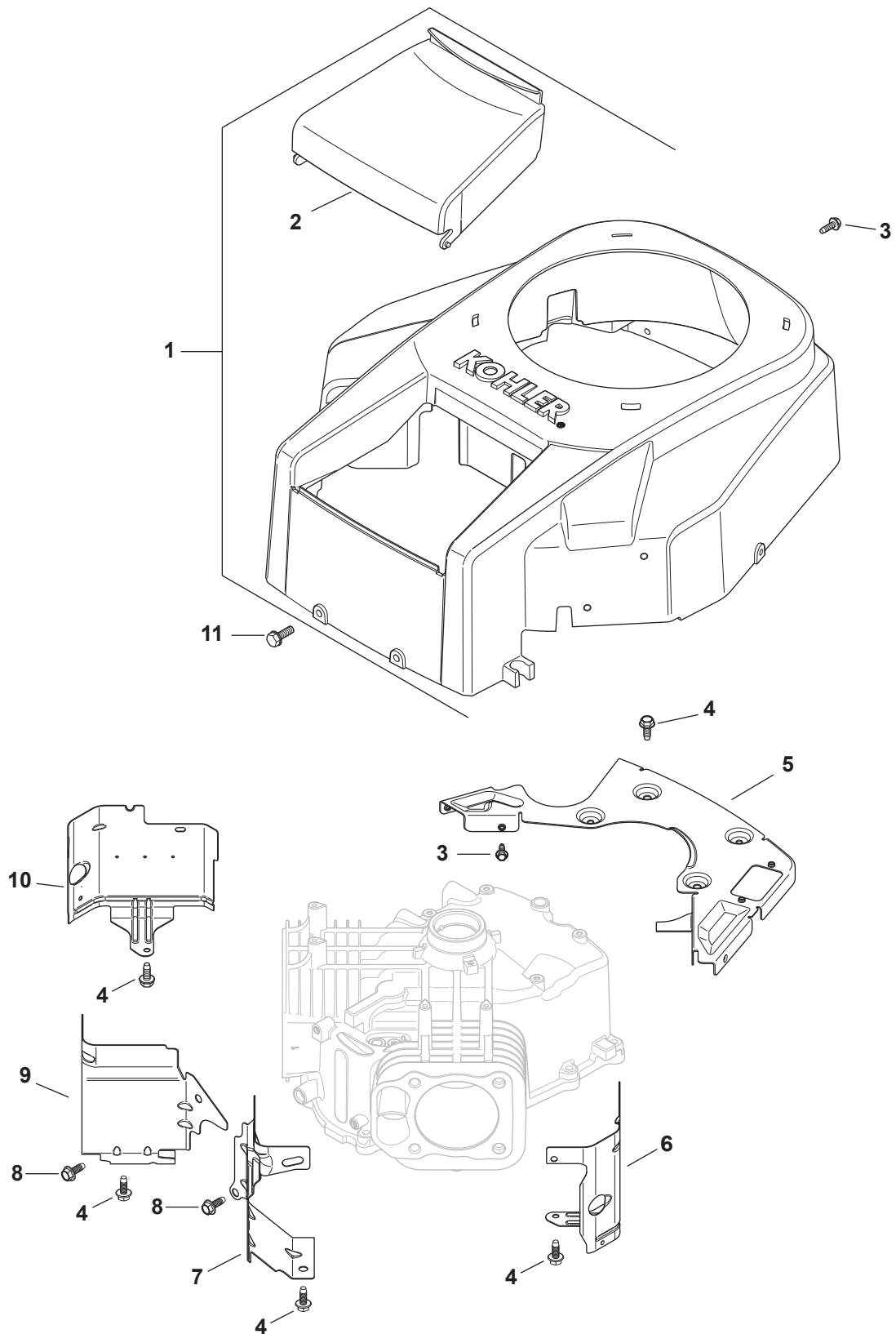
Cylinder Head/Valves/Breather



Cylinder Head/Valves/Breather

Ref. No.	Part No.	Description
1	KH-24-755-141-S	Kit, Rocker Cover (Incl. Ref.2 & 4pc Ref. 3)
2	KH-24-153-30-S	O-Ring, Valve Cover
3	KH-M-651030-S	Screw, Flange M6 x 1.0 x 30
4	KH-32-318-05-S	Kit, #1 Cylinder Head (Incl. 4pc Ref. 26 and KH-24-841-03-S)
5	KH-12-755-03	Kit, Retainer
6	KH-12-173-01	Cap, Valve Spring
7	KH-24-089-02	Spring, Valve
8	KH-235011-S	Retainer, Spring
9	KH-66-032-05-S	Seal, Valve Stem
10	KH-24-017-01	Valve, Intake (Std.)
11	KH-24-016-01	Valve, Exhaust (Std.)
12	KH-32-326-06-S	Kit, Breather Hose, (Incl. 1pc Ref. 13)
13	KH-25-237-14-S	Clamp, Hose
14	KH-32-081-02-S	Kit, Breather Housing (Incl. 15,16)
15	KH-M-547050-S	Nut, Lock, M5 x 0.8
16	KH-32-468-01-S	Washer, Sealing
17	KH-32-072-03-S	Stud, Breather Cover
18	KH-32-019-02-S	Kit, Tappet
19	KH-32-411-04-S	Rod, Push
20	KH-24-841-03-S	Kit, Cylinder Head Gasket (Incl. Head Mtg. Hardware and KH-24-041-49-S and KH-24-153-27-S)
21	KH-32-318-06-S	Kit, #2 Cylinder Head (Incl. 4pc Ref. 26 and KH-24-841-03-S)
22	KH-32-186-03-S	Arm, Rocker
23	KH-25-100-33-S	Nut, M10 x 0.75
24	KH-25-086-128-S	Screw, Set
25	KH-25-599-01-S	Pivot, Rocker Arm
26	KH-12-086-16	Screw, Flange, M10 x 1.5 x 90
27	KH-32-072-04-S	Stud, Rocker
28	KH-32-096-06-S	Kit, Breather Valve Cover (Incl. 1pc Ref.2)
29	KH-25-445-01-S	Strap, Lifting
30	KH-M-645016-S	Screw, Flange Thrd. Frmg M6 x 1.0 x 16
31	KH-32-096-04-S	Kit, Breather Cover (Incl. Ref. 32)
32	KH-32-041-01-S	Gasket, Breather Cover
33	KH-32-050-01-S	Filter, Breather
34	KH-32-146-09-S	Plate, Guide
Not Illustrated		
	KH-24-041-49-S	Gasket, Exhaust
	KH-24-153-27-S	O-Ring
	KH-32-755-03-S	Kit, Cylinder Head Hardware (Includes 5-11, 19, 22, 25, 34)

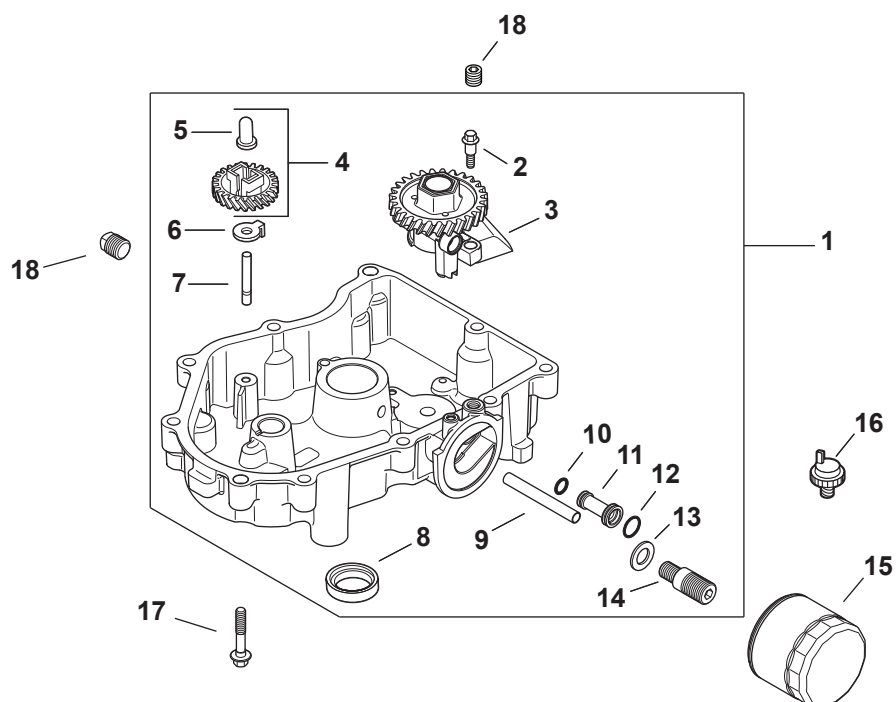
Blower Housing and Baffles



Blower Housing and Baffles

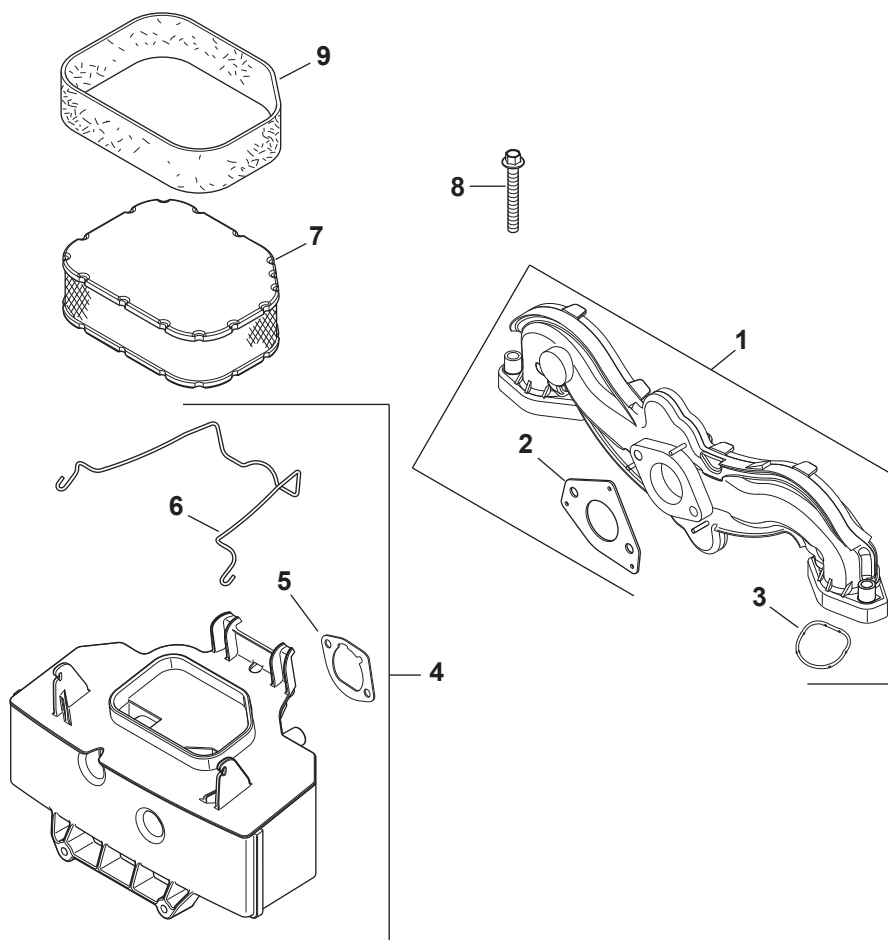
Ref. No.	Part No.	Description
1	KH-32-027-03-S	Kit, Blower Hsng (Incl. Ref.2 & KH-41-037-10-S)
2	KH-32-096-08-S	Cover, Air Cleaner
3	KH-M-545016-S	Screw, Flnge Thrd. Frmng M5 x 0.8x 16
4	KH-M-645016-S	Screw, Flnge Thrd. Frmng M6 x 1.0 x 16
5	KH-32-146-05-S	Plate, Backing
6	KH-32-063-12-S	Baffle, Cyl. Barrel - #2 Side
7	KH-32-063-02-S	Baffle, Valley #2 Side
8	KH-M-545010	Screw, Flnge Thrd. Frmng M5 x 0.8x 10
9	KH-32-063-03-S	Baffle, Valley #1 Side
10	KH-32-063-10-S	Baffle, Cylinder Barrel - #1 Side
11	KH-24-086-12	Screw, Tap, M6 x 1.7 x 18
Not Illustrated		
	KH-41-037-10-S	Nameplate, Service
	KH-32-113-52-S	Decal, Cub Kohler Courage
	KH-32-113-47-S	Decal, Cub Cadet Kohler 22

Oil Pan/Filter



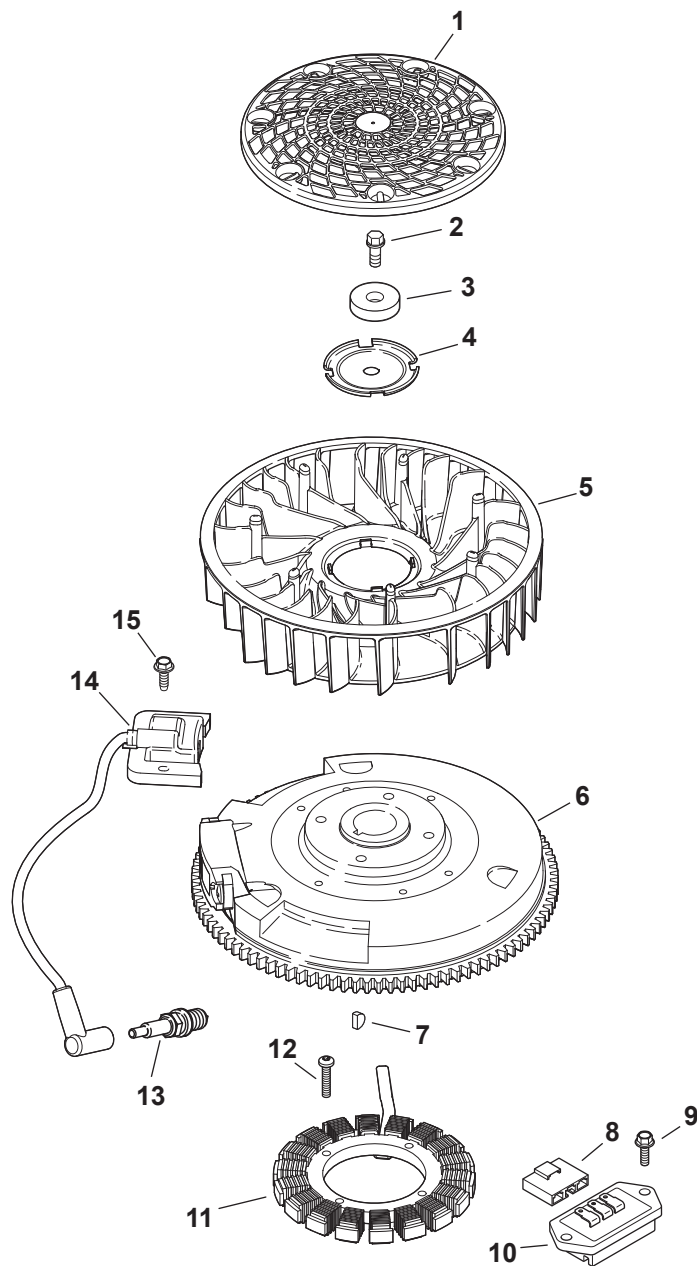
Ref. No.	Part No.	Description
1	KH-32-199-07-S	Pan Assembly, Oil (Incl. Ref. 2-15)
2	KH-32-086-01-S	Screw, Flange Thrd. Frmng M6 x 1.0 x 26.5
3	KH-32-393-10-S	Pump Assembly, Oil
4	KH-24-043-12	Kit, Governor Gear w/Pin (Incl. Ref. 5)
5	KH-12-380-01	Pin, Governor Regulating
6	KH-24-448-02-S	Tab, Locking
7	KH-12-144-02	Shaft, Governor Gear
8	KH-25-032-06-S	Seal, Oil (PTO End)
9	KH-32-123-01-S	Tube, Oil Feed - Filter to Pan
10	KH-24-153-01	O-Ring, Oil Pick-up
11	KH-32-123-06-S	Tube, Oil Feed
12	KH-32-153-05-S	O-Ring
13	KH-32-468-02-S	Washer, Flat
14	KH-32-136-05-S	Nipple, Oil Filter
15	KH-12-050-01-S	Filter, Oil
16	KH-25-099-27-S	Switch, Oil Pressure
17	KH-24-086-17-S	Screw, Flange, M8 x 1.25 x 45
18	KH-25-139-57-S	Plug, Sq. Hd. Pipe, 3/8 Quantity 1 - Replaced by Oil Drain Valve

Air Filter/Intake Manifold



Ref. No.	Part No.	Description
1	KH-24-164-51-S	Manifold, Intake
2	KH-24-041-52-S	Gasket, Carburetor
3	KH-24-153-27-S	O-Ring, Intake Port
4	KH-32-094-04-S	Base, Air Cleaner w/Gasket, Latch
5	KH-24-041-14	Gasket, Air Cleaner Base
6	KH-32-344-02-S	Latch, Air Cleaner Element
7	—	Element, Air Filter - Order KH-32-883-03-S1 Element and Pre-Cleaner Kit
8	KH-M-651040-S	Screw, Flange, M6 x 1.0 x 40
9	—	Pre-Cleaner, Element - Order KH-32-883-03-S1 Element and Pre-Cleaner Kit

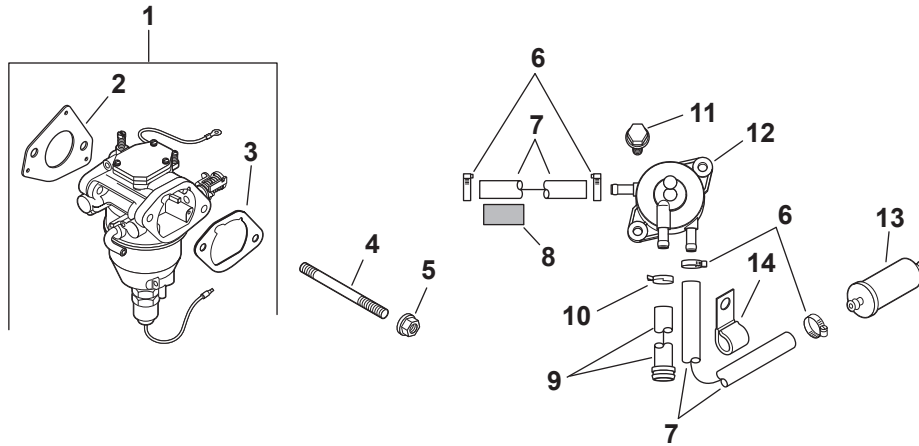
Flywheel/Electrical



Flywheel/Electrical

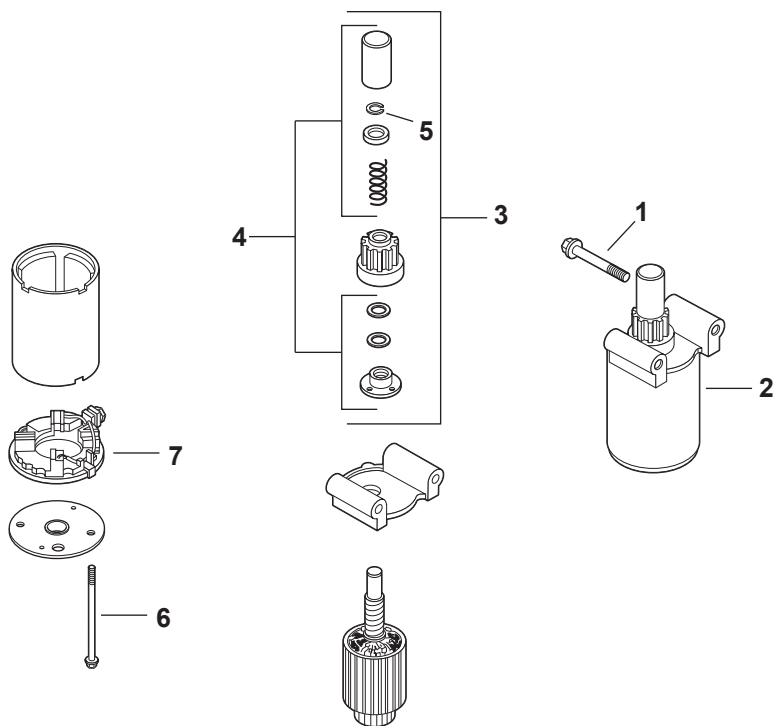
Ref. No.	Part No.	Description
1	KH-32-162-03-S	Screen, Grass
2	KH-12-086-14	Screw, Flange, M10 x 1.5 x 45
3	KH-12-468-03	Washer, Flat 13/32
4	KH-20-146-05-S	Plate, Fan Mounting
5	KH-32-157-01-S	Fan
6	KH-32-025-16-S	Flywheel
7	KH-X-42-15	Key, 3/16 x 5/8
8	KH-25-155-41-S	Connector
9	KH-M-545016-S	Screw, Flange, M5 x 0.8 x 16
10	KH-41-403-10-S	Rectifier-Regulator
11	KH-237878	Kit, 15 Amp Stator
12	KH-20-086-22-S	Screw, Torx Head Drive
13	759-3336	Plug, Spark
14	KH-24-584-45-S	Module, Ignition
15	KH-M-545020-S	Screw, Flange Thrd. Frmg M5 x 0.8x 20
Not Illustrated		
	KH-25-454-03-S	Tie, Wire
	KH-32-176-14-S	Harness, Wiring
	KH-25-452-01-S	Terminal

Fuel System/Carburetor



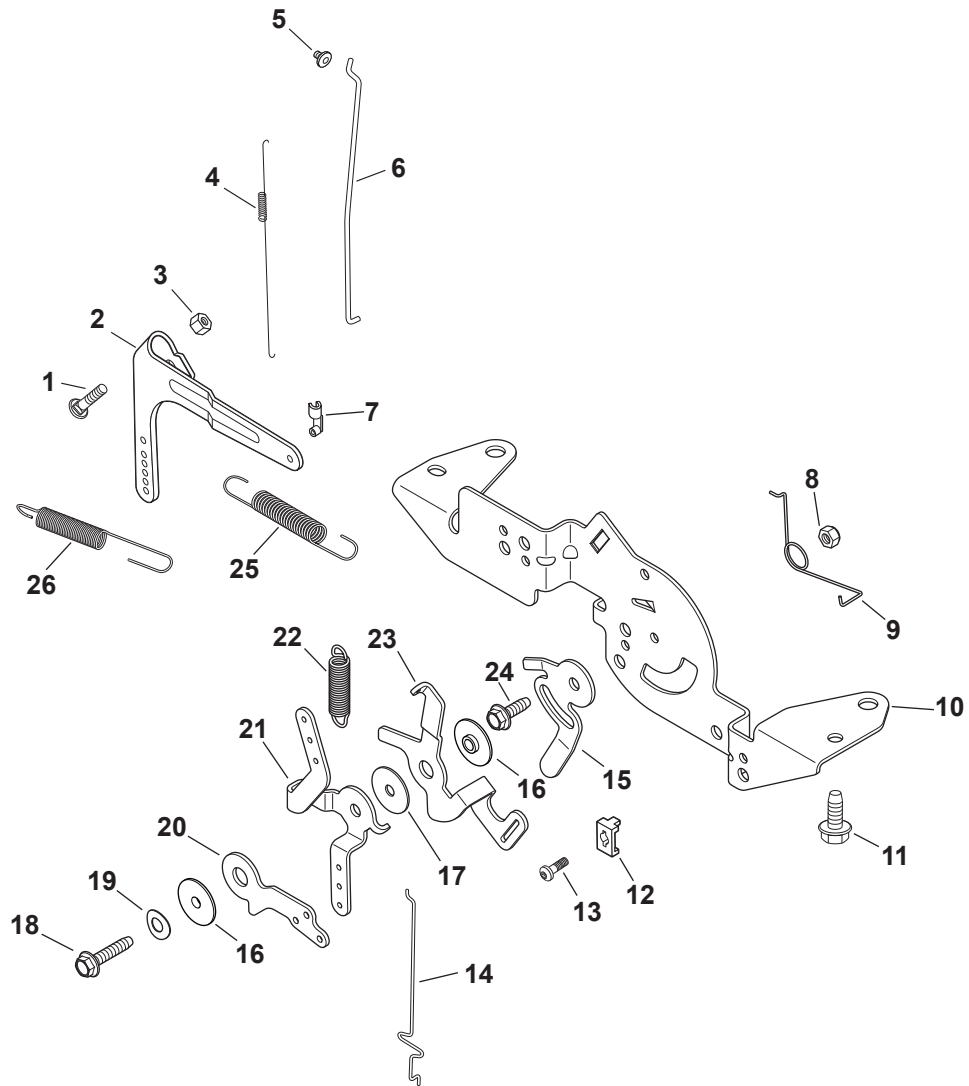
Ref. No.	Part No.	Description
1	KH-32-853-07-S	Kit, Carburetor (Incl. 2-3)
2	KH- 24-041-52-S	Gasket, Carburetor
3	KH-24-041-14	Gasket, Air Cleaner Base
4	KH-M-629105-S	Stud, M6 x 1.0 x 106
5	KH-M-641060-S	Nut, Flange, M6 x 1.0
6	KH-25-237-14-S	Clamp, Spring Hose 1/2
7	KH-25-111-34-S	Line, Fuel (24"- Cut to Length
8	KH-25-431-10-S	Sleeve, Anti Abrasion
9	KH-32-326-02-S	Kit, Fuel Pump Hose w/Clamp (Incl. 10)
10	KH-25-237-01-S	Clamp, Hose
11	KH-24-086-12	Screw, Tap, M6 x 1.7 x 18
12	KH-24-393-16	Pump, Fuel
13	KH-25-050-22-S	Filter, Fuel
14	KH-47-154-01-S	Clip, Cable
Not Illustrated		
	KH-24-757-36-S	Service Kit, Choke Repair
	KH-24-757-38-S	Service Kit, Gasket
	KH-24-757-44-S	Kit, Float Repair
	KH-24-757-45-S	Kit, Solenoid Valve Repair
	KH-24-757-46-S	Kit. Carburetor Overhaul Repair

Starter Motor



Ref. No.	Part No.	Description
1	KH-M-839080	Screw, Flange, M8 x 1.25 x 80
2	KH-32-098-01-S	Starter Assembly
3	KH-12-755-39-S	Kit, Drive
4	KH-12-755-38-S	Kit, Drive Parts (Incl. Ref. 5)
5	KH-32-141-01-S	Ring, Retaining Ring
6	KH-32-211-01-S	Bolt, Thru
7	KH-12-243-04-S	Commutator, End Cap

Engine Controls



Engine Controls

Ref. No.	Part No.	Description
1	KH-24-211-03-S	Bolt, Carriage, M6 X 1.0 X 25
2	KH-24-090-51-S	Lever, Governor
3	KH-M-641060-S	Nut, Flange, M6 x 1.0
4	KH-24-089-01	Spring, Linkage
5	KH-25-158-08	Bushing, Linkage Retainer
6	KH-24-079-04	Linkage, Throttle
7	KH-25-158-11	Bushing, Throttle Linkage
8	KH-M-547050-S	Nut, Lock, M5 x 0.8
9	KH-24-089-03	Spring, Choke Return
10	KH24-126-172-S	Bracket, Control
11	KH-M-645016-S	Screw, Flng Thrd. Frmng M6 x 1.0 x 16
12	KH-12-237-01	Clamp, Cable
13	KH-24-086-43-S	Screw, Torx Hd. Ctsk, M5 x 0.8 x 16
14	KH-24-079-22-S	Linkage, Choke
15	KH-32-090-09-S	Lever, Speed Setting
16	KH-24-112-27-S	Spacer, Control Assembly
17	KH-24-468-01	Washer, Flat, 5.5mm
18	KH-25-086-151-S	Screw, Thrd. Forming, M5 x 0.8 x 25
19	KH-41-468-03	Washer, Spring, 1/4
20	KH-32-090-10-S	Lever, Choke
21	KH-32-090-08-S	Lever, Speed Control
22	KH-32-089-03-S	Spring, Speed Control
23	KH-32-090-07-S	Lever, Governor Spring
24	KH-M-545016-S	Screw, Flng. Thrd. Frmng, M5 x 0.8 x 16
25	KH-24-089-55-S	Spring, Governor
26	KH-24-089-18	Spring, Governor

