

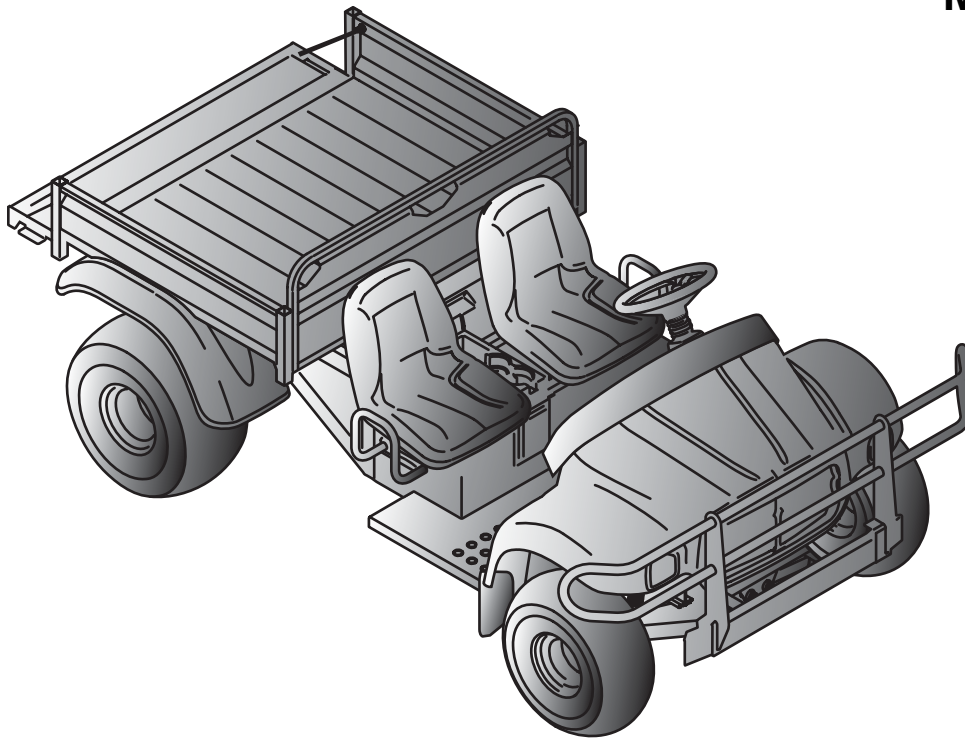
Cub Cadet

Parts Manual

BIG COUNTRY 

4x2 Utility Vehicle

Model 431D

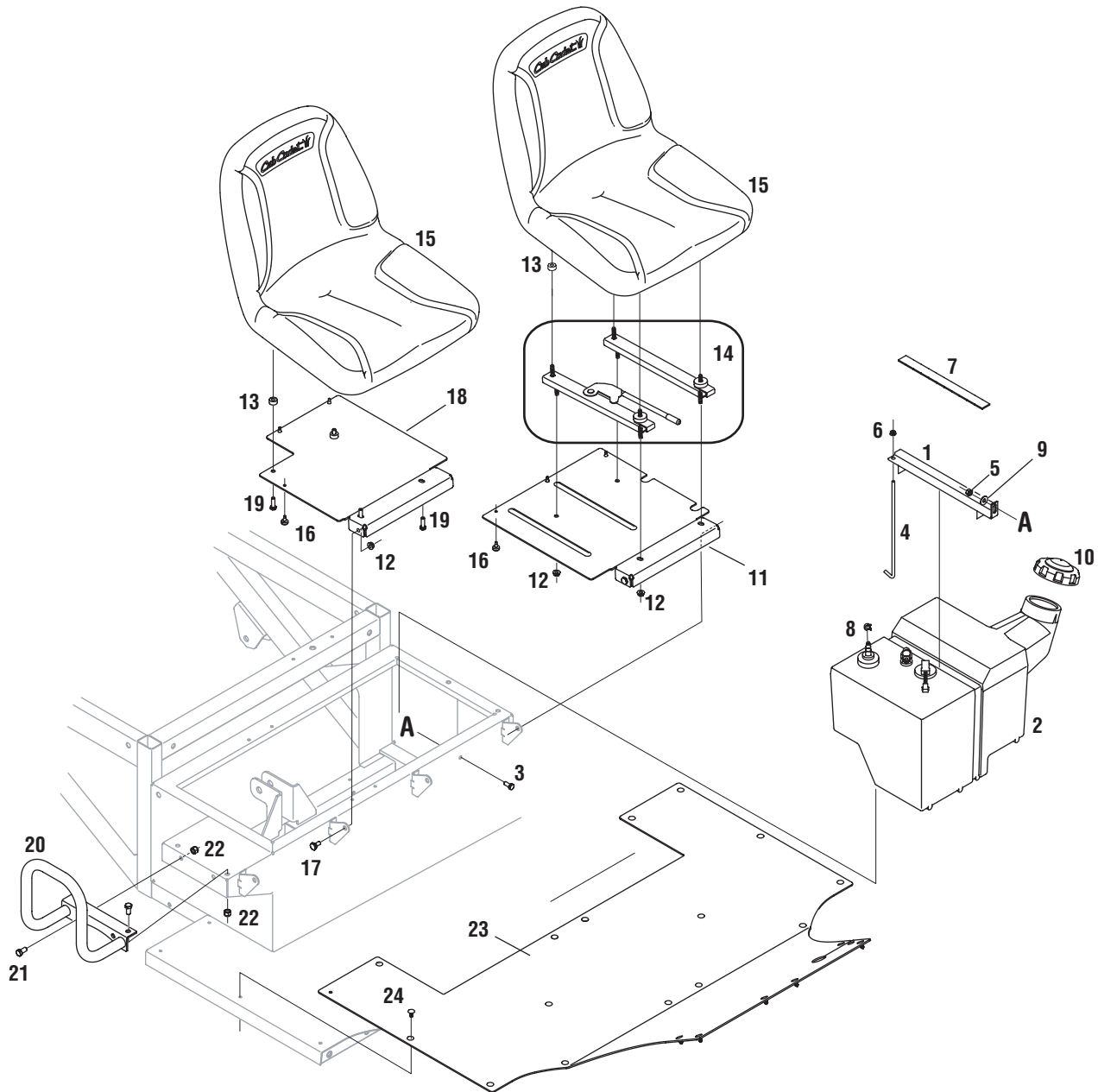


MODEL 431

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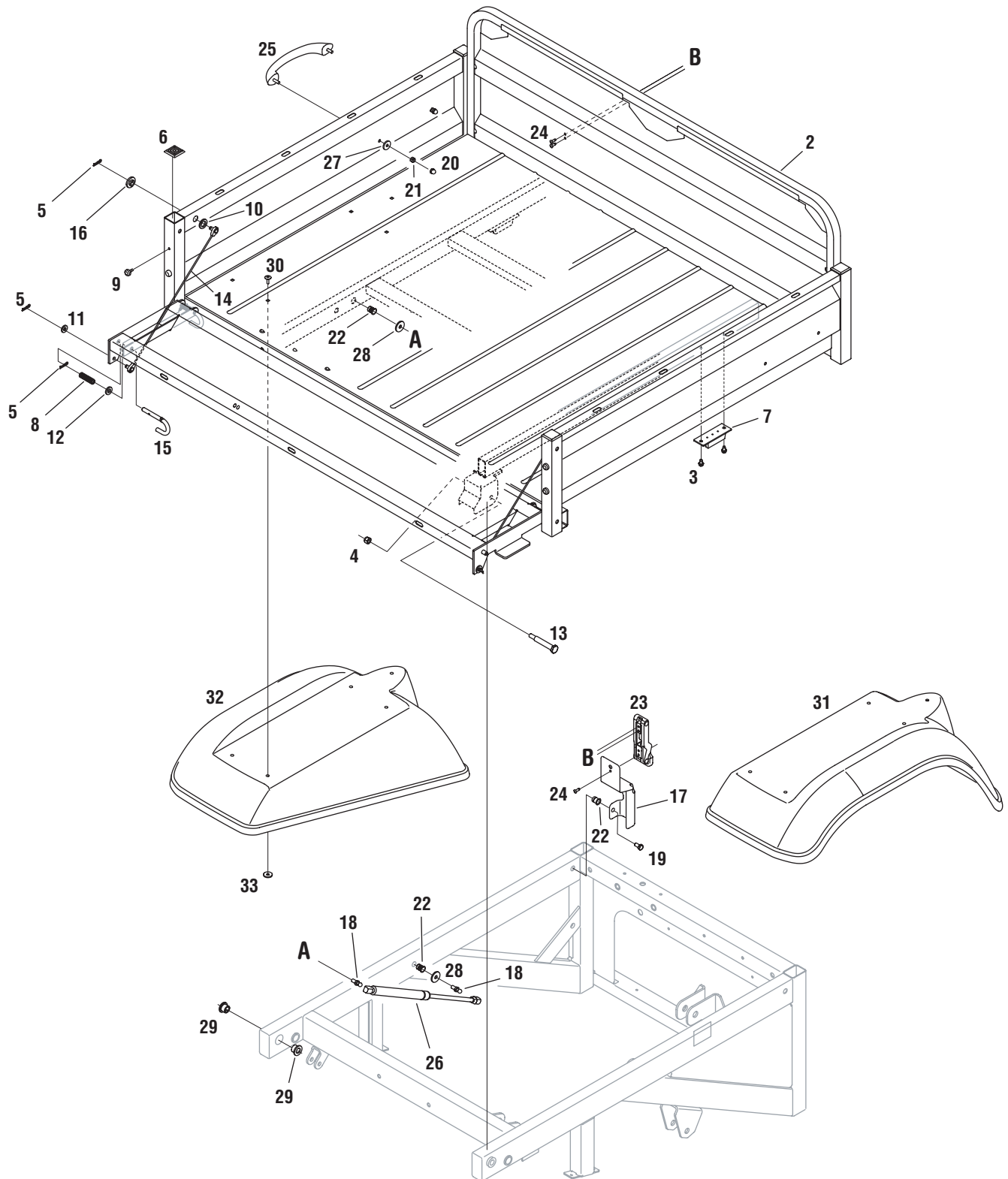
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SEATS AND FUEL TANK



REF. NO.	PART NUMBER	DESCRIPTION	QTY	REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	607-0034	Bracket Assembly, Fuel Tank	1	13	750-0258	Spacer, Seat	2
2	631-04097	Tank Assembly, Fuel (Incl. valve, grommets, cap. switch & fitting)	1	14	757-0389	Track Assembly, Seat	1
3	710-3008	Hex Screw, 5/16-18 x .75	1	15	757-04008A	Seat	2
4	711-1768	Hold-down Rod, Fuel Tank	1	16	735-0271	Bumper	6
5	712-0265	Sems Nut, 5/16-18	1	17	738-0140	Shoulder Screw, .435 x .178-5/16 x .56	4
6	712-3027	Nut, Flange Lock, 1/4-20	1	18	707-04062A	Plate, Seat, RH	1
7	721-04006	Gasket, Fuel Tank (11")	1	19	710-0376	Hex Screw, 5/16-18 x 1.0	4
8	726-0205	Clamp, Hose	1	20	649-04002	Tube, Grab Handle	2
9	736-0159	Washer, .349 x .879 x .063	1	21	710-0216	Hex Screw, 3/8-16 x .75	4
10	751-0852	Cap, Fuel	1	22	712-0130	Nut, Hex Lock Nylon, 3/8-16	4
11	707-04061A	Plate, Seat, LH	1	23	735-04001	Floor Mat	1
12	712-3004A	Nut, Flange Lock, 5/16-18, Gr5	8	24	726-0465	Clip, Retainer, .250 x .267	23

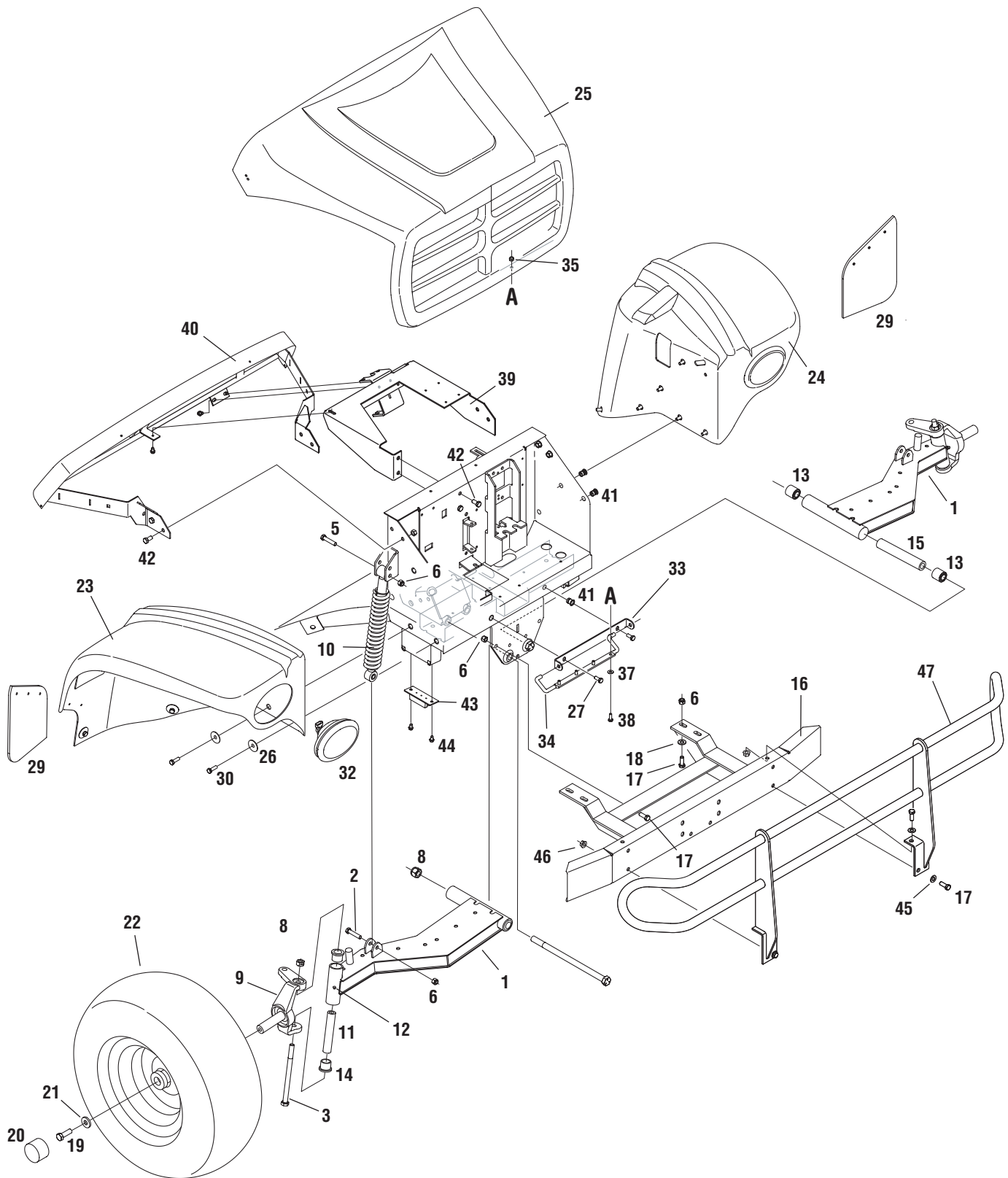
REAR FENDERS AND CARGO BED



REAR FENDERS AND CARGO BED

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	607-04028	Tailgate Assembly	1
2	607-04074	Bed Assembly	1
3	710-0599	Screw, Self-tapping, 1/4-20 x 0.500	4
4	712-0130	Nut, Nylon Hex Lock, 3/8-16	2
5	714-0104	Cotter Pin, .072 Dia x 1.13	8
6	720-04036	Plug Cap	4
7	731-04016	Bumper, Extension Suspension	4
8	732-0306	Compression Spring, .406 x .531 x	4
9	735-0271	Bumper, .62 x .3	4
10	736-0162	Washer, Flat, .64 ID x 1.0 x .12	2
11	736-3008	Washer, Flat, .344 x .750 x .120	2
12	736-3010	Washer, Flat, .407 x .812 x .135	4
13	738-3056	Screw, Shoulder, 1/2 x 2.5	2
14	746-0968	Cable, Lift 16.16 LG	2
15	747-1116	Handle, Deck Release	4
16	748-0331	Spacer, Shoulder .625 x .324 Dia	2
17	707-04060	Bracket, Bed Latch Base	1
18	710-04166	Stud, Ball 5/16-18	2
19	710-3025	Hex Screw, 5/16-18 x .625, Gr5	1
20	712-0264	Nut, Acorn 1/4-20 w/o Lock	2
21	712-0324	Nut, Hex Lock, 1/4-20	2
22	712-0703A	Nut, Insert 5/16-18	3
23	726-04005	Latch	1
24	728-0123	Pop Rivet, 3/16	4
25	731-04174	Handle, Bag w/Screw	1
26	732-04109	Spring, Gas .91 Stroke	1
27	736-0176	Washer, Flat .265 x .938 x .120	2
28	736-0231	Washer, Flat .344 x 1.125 x .120	2
29	741-0248	Flange Bearing, .51	4
30	728-04004	Pop Rivet, .188	10
31	731-04520	Fender, Rear RH, Camo	1
32	731-04521	Fender, Rear LH, Camo	1
33	736-0400	Flat Washer, .194 x .62 x .063	10

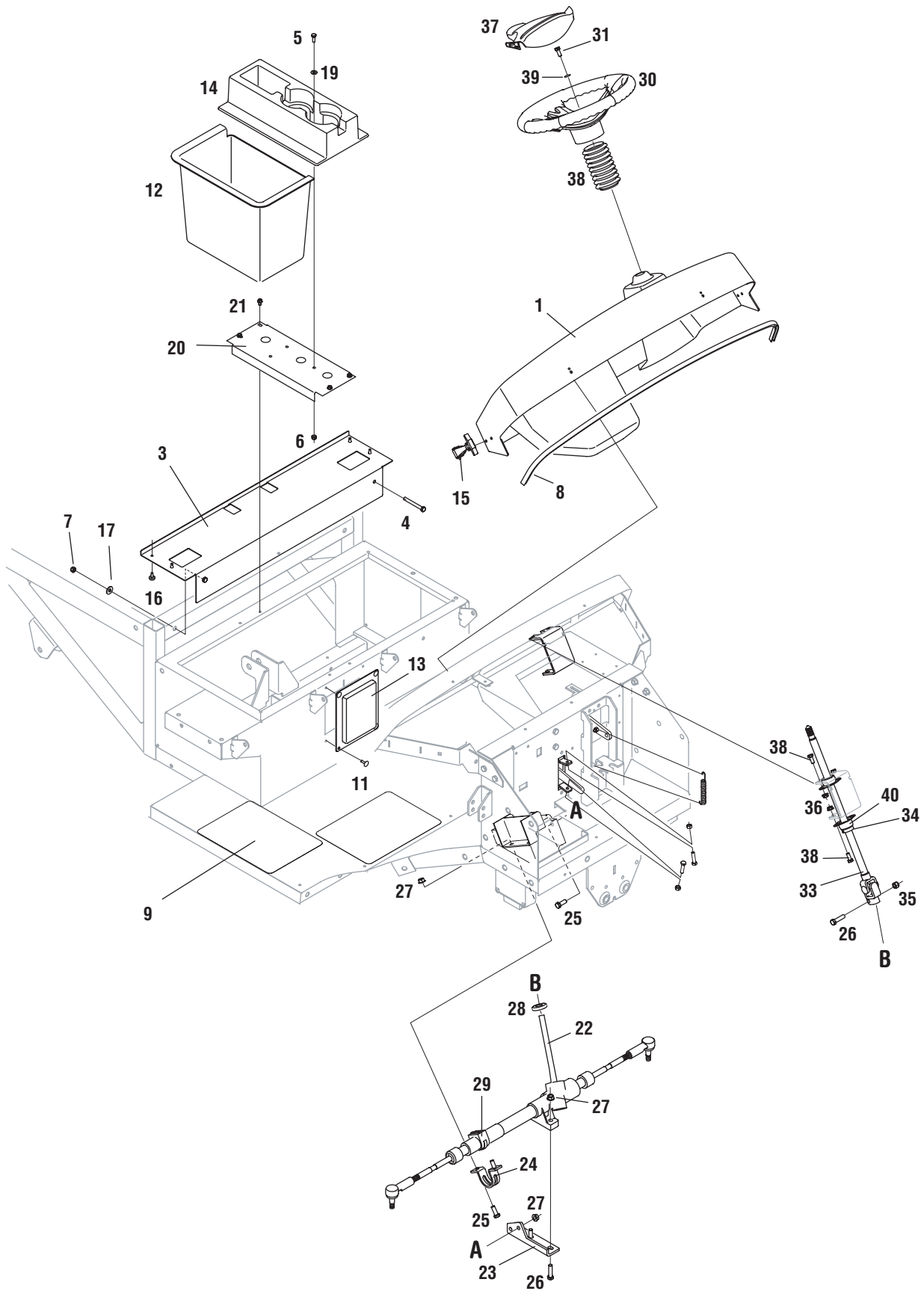
FRONT END



FRONT END

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	607-04004	Axle Assembly, Right-front (Incl. Ref 12 - 15)	1
—	607-04005	Axle Assembly, Left-front (Incl. Ref 12 - 15)	1
2	710-0347	Hex Screw, 3/8-16 x 1.75	2
3	710-04012	Hex Screw, 1/2-13 x 7.0, Gr5	2
4	710-04120	Hex Screw, 5/8-11 x 11.13, Gr5	2
5	710-3011	Hex Screw, 3/8-16 x 2.25	2
6	712-0130	Nut, Hex Lock, Nylon, 3/8-16, Gr5	2
7	712-3016	Nut, Hex Lock, Nylon, 5/8-11, Gr5	2
8	712-3022	Nut, Hex Lock, 1/2-13	2
9	607-04106	Steering Control Knuckle, RH	1
—	607-04105	Steering Control Knuckle, LH	1
10	732-04176	Shock Absorber, 2.9 Stroke	2
11	750-1388	Tube, .875 x .50 x 4.75	2
12	737-04006	Grease Fitting	1
13	741-0758	Bearing, .63 ID x 1.19 OD	2
14	741-0762	Bushing, Steering	2
15	750-1357	Spacer, .645 ID x 1.063 OD	1
16	607-0037	Front Bumper Assembly	1
17	710-0514	Hex Screw, 3/8-16 x 1.0	6
18	736-0300	Flat Washer, .406 x .875 x .059	4
19	710-3181	Hex Screw, 1/2-13 x 1.50, Gr5	2
20	731-04029	Dust Cap	2
21	736-04019	Flat Washer, .531 x 1.25 x .181	2
22	634-04039	RH Wheel Assembly, 22 x 11 x 10	1
	634-04040	LH Wheel Assembly, 22 x 11 x 10	1
23	731-04516	Panel Assembly, Right Fender, Camo	1
24	731-04517	Panel Assembly, Left Fender, Camo	1
25	731-04748	Panel Assembly, Hood, Camo	1
26	710-0376	Hex Screw 5/16-18 x 1.00 Gr 5	14
27	710-3008	Hex Screw, 5/16-18 x .75	2
28	736-04004	Flat Washer, .350 x 1.25 x .06	6
29	735-04003	Mud Flap	2
30	736-0356	Washer, Bell, .39 x 1.38 x .062	14
31	736-0400	Flat Washer, .194 x .62 x .063	6
32	625-04017	Headlamp Assembly	2
33	707-04165	Bracket, Hood Mounting	1
34	711-04139	Rod, Hood Mounting	1
35	712-0324	Nut, Hex Lock, 1/4-20	4
36	714-0101	Cotter Pin, Internal, 1.42	1
37	736-3020	Washer, Flat, .271 x .63 x .065	4
38	710-3015	Hex Screw, 1/4-20 x .75	4
39	607-04062	Dash Support Frame Assembly	1
40	607-04065	Upper Dash Frame Assembly	1
41	712-0703A	Insert Nut, 5/16-18	12
42	710-0216	Hex Screw, 3/8-16 x .75	6
43	710-0599	Screw, Self-tapping, 1/4-20 x .5	7
44	731-04016	Suspension Bumper	2
45	736-3050	Washer, Flat, .406 x .812 x .051	4
46	712-0431	Nut, Flange Lock, 3/8-16	4
47	607-04010	Brush Guard	1

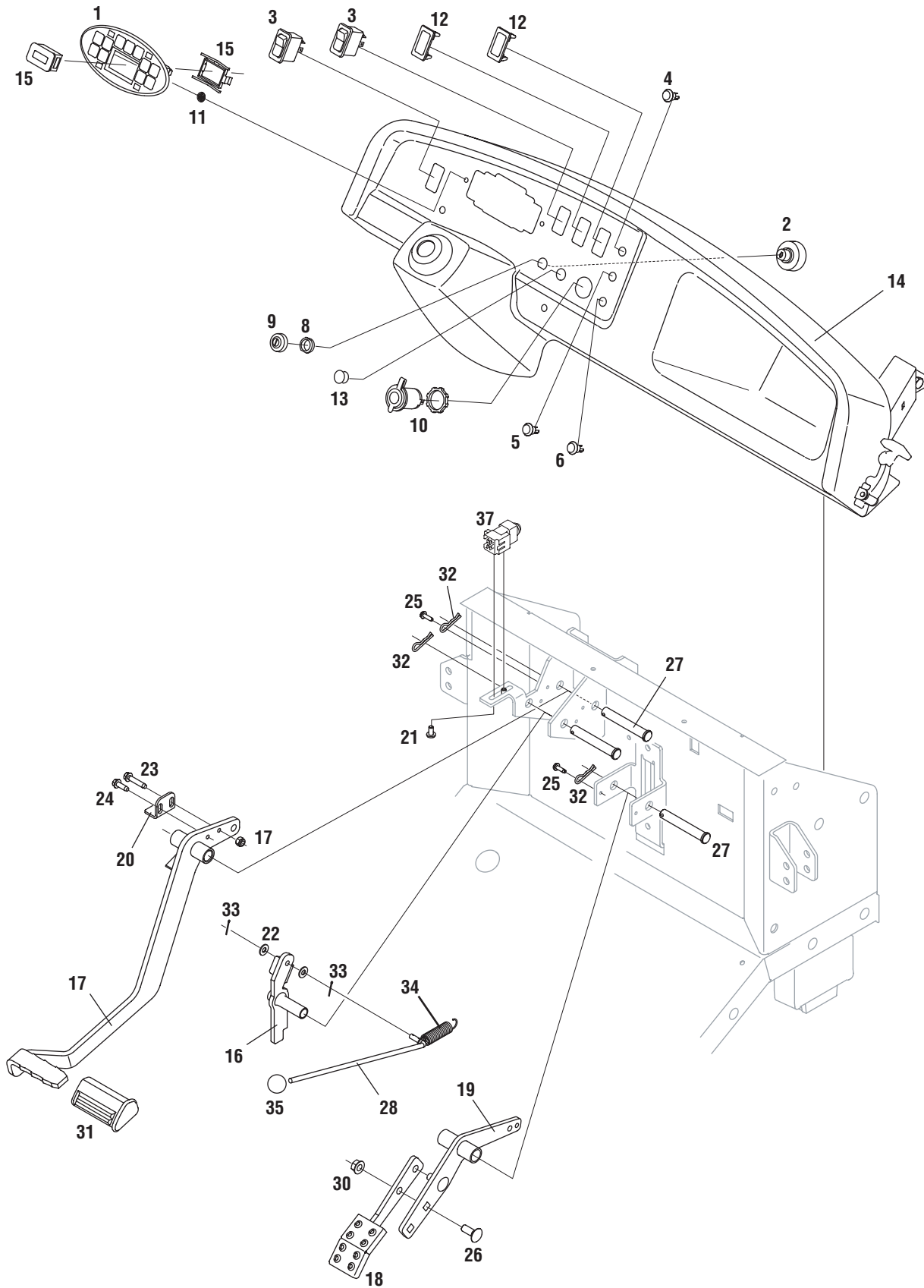
STEERING



STEERING

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	631-04100	Dash Assembly	1
2	707-04252	Hood Mounting Plate	2
3	707-04337	Cover, Bed-to-Seat	1
4	710-0176	Hex Screw, 5/16-18 x 2.75	2
5	710-3015	Hex Screw, 1/4-20 x .75, Gr5	1
6	712-0324	Hex Lock Nut, Nylon, 1/4-20	1
7	712-0429	Hex Lock Nut, Nylon, 5/16-18	2
8	721-04070	Trim, Bulb Seal, 1/4	1
9	723-3069	Foot Pad, Abrasive	4
10	728-0173	Rivet, Pop, .187	10
11	728-04004	Rivet, Pop, .188	4
12	731-04033A	Container, Bulkhead	1
13	731-04225	Panel, Shift Cover	1
14	731-2648	Console, Cup Holder	1
15	735-04038	Handle, Latch	2
16	735-0199A	Bumper, Rubber	4
17	736-0159	Washer, Flat, .349 x .879 x .063	2
18	736-0400	Washer, Flat, .194 x .62 x .063	4
19	736-0463	Washer, Flat, .25 x .630 x .0515	1
20	707-04278	Plate, Console Support	1
21	710-0599	Screw, Self-tapping, 1/4-20 x .5	4
22	617-0075A	Gear Assembly, Steering	1
23	707-04074	Steering Bracket, Sector Clamp	1
24	707-0417	Bracket, Steering Mounting	1
25	710-0514	Hex Screw, 3/8-16, 1.00, Gr5	4
26	710-0520	Hex Screw, 3/8-16, 1.50, Gr5	3
27	712-0431	Nut, Flange Lock, 3/8-16	6
28	735-0801	Grommet, Steering Shaft	1
29	741-0763	Bushing, Rubber	1
30	631-04008	Wheel, Steering	1
31	710-1880	Hex Screw, 5/16-18, .75, Gr5, Patch	1
32	710-3008	Hex Screw, 5/16-18, .75, Gr5	4
33	711-04231	Shaft, Steering, 5/8 Spline	1
34	711-1774	Collar, .75	2
35	712-0130	Nut, Hex Lock Nylon, 3/8-16	1
36	712-3004A	Nut, Flange Lock, 5/16-18	4
37	731-04532	Cover, Steering Wheel	1
38	731-0954	Bellow, Steering, 4.75 Lg	1
39	736-0275	Washer, Flat, .344 x .688 x .065	1
40	741-04000	Bearing, Flange, .75 ID, Self-Aligning	2

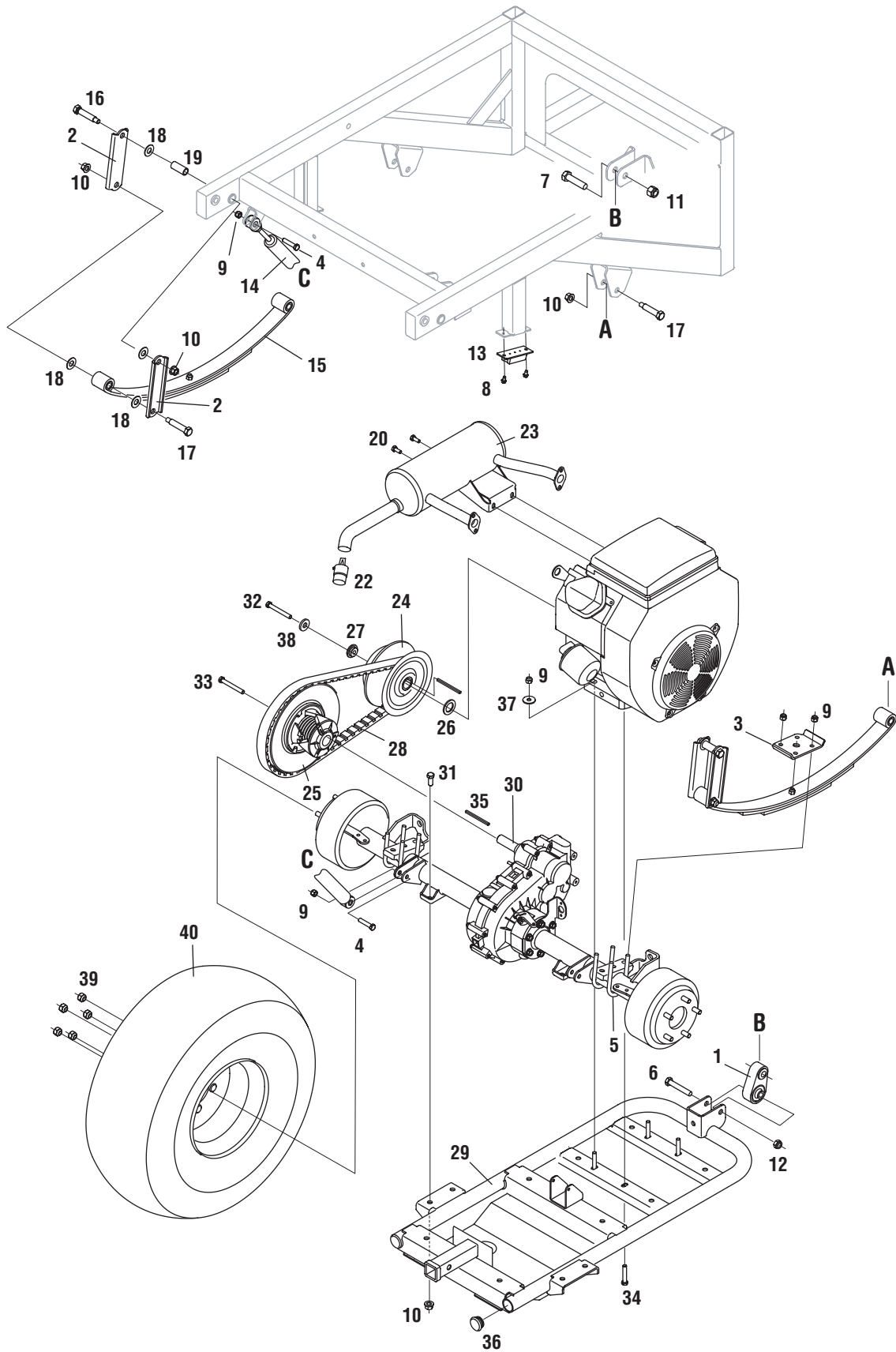
PEDALS AND DASH



PEDALS AND DASH

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	625-04006	Instrument Panel	1
2	725-04000	Switch, Key	1
3	725-04006	Rocker Switch	2
4	725-04060	Switch, Green	1
5	725-04061	Switch, Yellow	1
6	725-04062	Switch, Red	1
7	725-04204	Accessory Harness, Diff Lock	1
8	731-1346	Nut, Ignition Switch, 5/8-32	1
9	731-1347	Cap, Ignition Switch	1
10	725-2003	Power Receptacle, 12V	1
11	726-0293	Nut, Retainer, 1/8	1
12	731-04010	Switch	2
13	731-04023	Plug, Horn Switch	2
14	731-04621	Dash Panel	1
15	725-04005	Hour Meter w/ Retainer Clip	1
16	607-04044	Lever , Parking Brake	1
17	607-04076	Pedal Assembly, Brake	1
18	607-04082	Pedal Assembly, Throttle	1
19	607-04083	Pedal Arm Assembly, Throttle	1
20	707-04206	Plate, Brake Switch	1
21	710-04030	Screw, Hi-Lo, 1/4-20 x .5	2
22	736-0463	Washer, Flat .25 x .630 x .0515	2
23	710-0809	Screw, Self-tapping, 1/4-20x1.25	2
24	710-0875	Screw, Self-tapping, 1/4-20, .75	3
25	710-1237	Screw, Self-tapping, #10-32 x .625	2
26	710-3168	Bolt, Carriage, 3/8-16 x 1.0	2
27	711-04067	Pin, Clevis .50 x 3.25	1
28	711-1765	Rod, Brake Lock	1
29	712-0324	Nut, Hexlock, 1/4-20 GR 8	1
30	712-0431	Nut, Flange Lock, 3/8-16	2
31	735-3049	Pad, Brake Pedal	1
32	714-0147	Pin, Cotter, .125 x 1.75	3
33	714-0127	Pin, Cotter, 1/16	2
34	732-1187	Spring, Extension, .637 x 2.972	1
35	720-04001	Knob, Ball	1
36	721-3049	Cover, Protective	1
37	725-1657A	Snap Mount Switch, Interlock	1

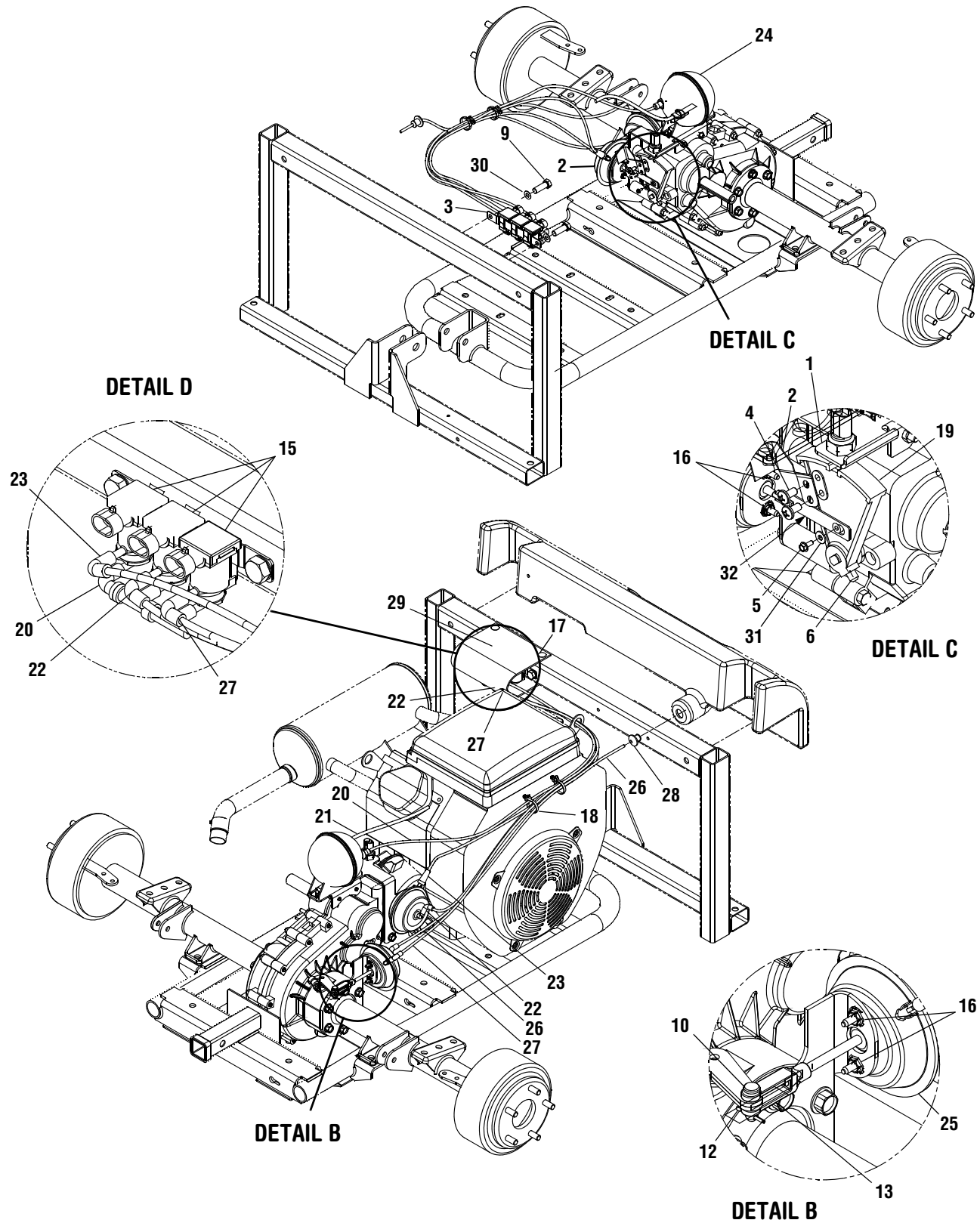
DIFF LOCK AND REAR SUSPENSION



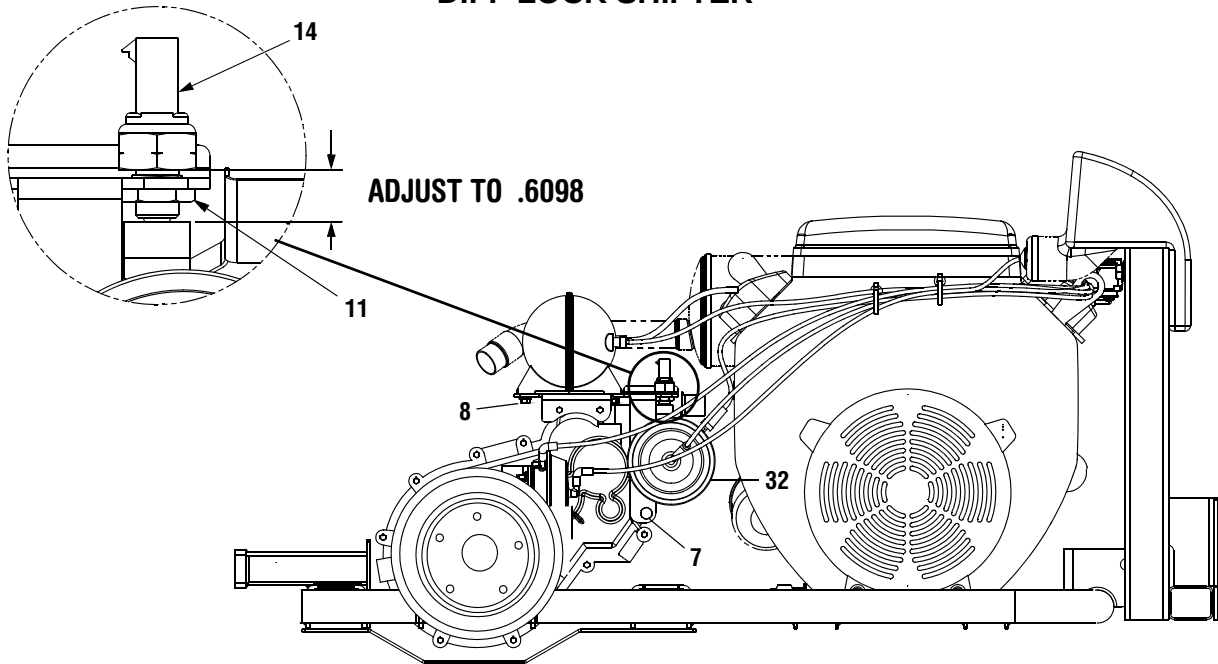
DIFF LOCK AND REAR SUSPENSION

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	607-04025	Link Assembly	1
2	707-04119	Plate, Shackle	4
3	707-04120A	Bracket, Spring Leaf	2
4	710-0347	Hex Screw, 3/8-16 x 1.75	4
5	710-04119	U-Bolt 3/8-16	4
6	710-04128	Hex Screw, M12-1.75	1
7	710-04129	Hex Screw, 5/8-11 x 2.5	1
8	710-0599	Screw, Self Tapping 1/4-20	4
9	712-0130	Locknut, Nylon, 3/8-16	4
10	712-0459	Hexlock Nut	6
11	713-3016	Hexlock Nut, Flange, 5/8 -11	1
12	712-3103	Hexlock Nut, M12 x 1.75	1
13	731-04016	Bumper, Suspension	2
14	732-04043	Shock Absorber, 2.50 Stroke	2
15	732-04055	Spring, Leaf 4 x 2	2
16	738-04035	Shoulder Screw, .550 x 2.29	4
17	738-04042	Shoulder Screw, .550 x 2.13	2
18	741-0405	Bearing, .56 ID x 1.25 OD x .06	8
19	750-04137	Bushing, .75 OD x .562 ID x 1.75 LG	2
20	710-04022	Screw, M8 x 1.25:20	2
21	737-04013	Valve, Oil Drain	1
22	751-0544	Spark Arrestor	1
23	751-0854A	Muffler, Honda GXV	1
24	618-04062	Clutch Assembly, Engine (Incl. Bearing Cap)	1
25	618-04063	Clutch Assembly, Transmission	1
26	736-04009	Washer, Flat, 1.03 x 1.625 X .12	1
27	738-04002A	Spacer, .39 x 1.0	1
28	754-04018A	Belt, Cogged	1
29	607-04022	Engine/Trans. Cradle	1
30	618-04080A	Transmission Ass'y, Diff-Lock	1
31	710-0314	Hex Screw, 7/16-20 x 1.0	4
32	710-04019	Hex Screw, 3/8-24 x 3.00	1
33	710-04167	Hex Screw, 1/2-20 x 2.25	1
34	710-3144	Hex Screw, 3/8-16 x 2.00	4
35	714-04030	Key, Square 1875 x 3.25	1
36	731-04707	Plug, Tube	2
37	736-0133	Washer, Flat, .510 x 1.00 x .125	4
38	736-04019	Washer, Flat, .531 ID x 1.25 X 1.00	1
39	712-3050	Lug Nut, 7/16-14	10
40	634-04071	RH Wheel Assembly, 25 x 11 x 10	1
	634-04072	LH Wheel Assembly, 25 x 11 x 10	1
—	737-04039	Transmission Oil (80W-90)	22

DIFF LOCK SHIFTER

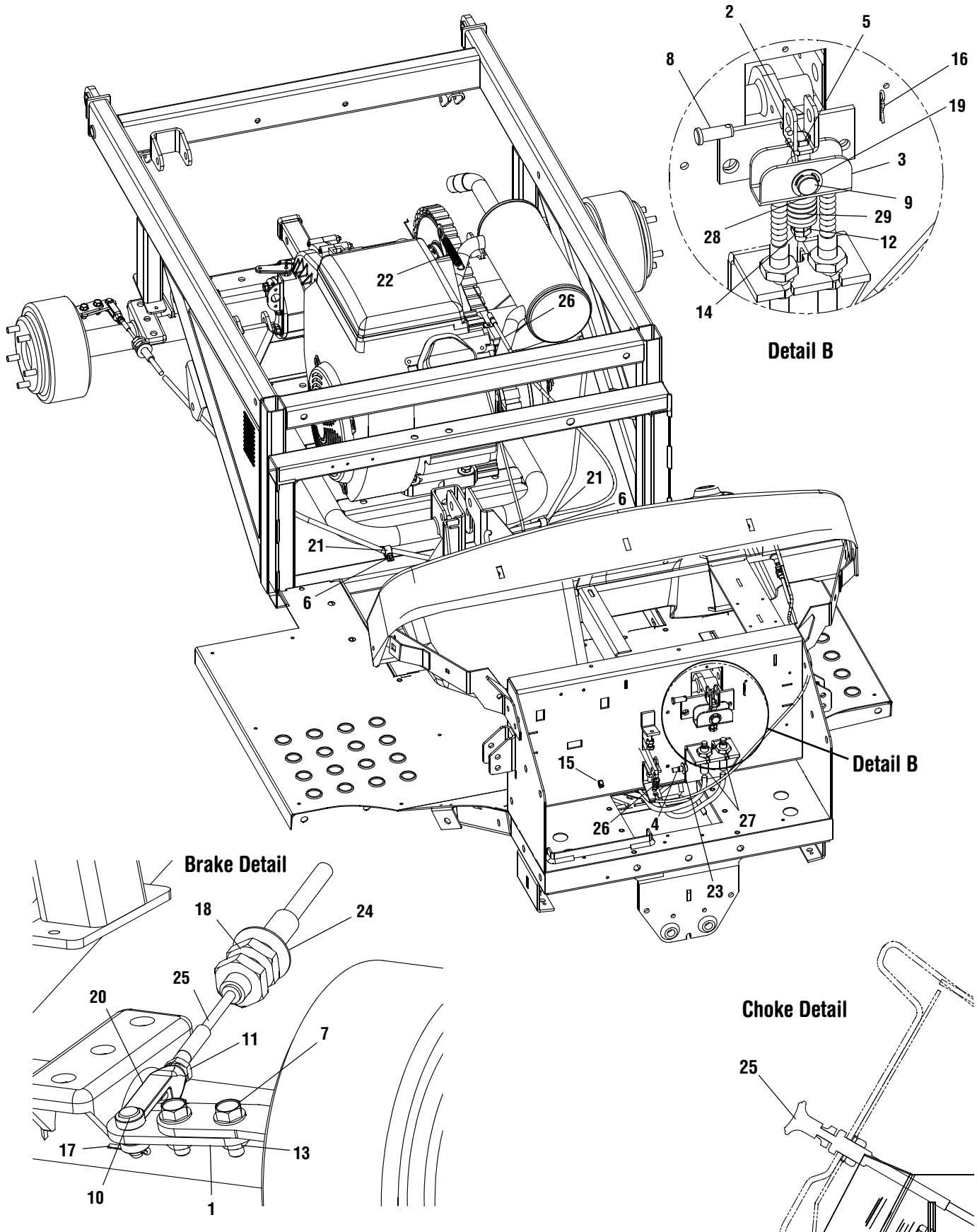


DIFF LOCK SHIFTER



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	707-04133	Mounting Bracket, Vacuum Actuator	1
2	707-04140	Bracket, Shift	1
3	707-04146	Bracket, Vac Relay	1
4	710-04030	Screw, 1/4-20 x.5	2
5	710-04164	Screw, Hex. #8 - 18 .375	1
6	710-04169	Screw, Set, 5/16-24 x .50 LG	1
7	710-0607	Screw, 5/16-18	1
8	710-0896	Screw, 1/4-14	2
9	710-3008	Screw, 5/16-18 x .75 Hex	2
10	711-04142	Pin, Yoke 1/4	1
11	712-04048	Nut, Hex 9/16-18	1
12	714-0127	Pin, Cotter 1/16x.750	1
13	719-04065	Yoke, 1/4-28	1
14	725-04049	Switch, Neutral	1
15	725-3278	Solenoid, Actuator Vacuum	3
16	726-04024	Self Threading Nut	4
17	726-0465	Clip, Panel Retainer	4
18	726-0470	Cable Tie	2
19	731-04289	Arm, Shift	1
20	731-04295	Hose	1
21	731-04296	Hose, Manifold Vacuum	1
22	731-04297	Hose, Actuator Vacuum	1
23	731-04298	Hose, Actuator Vacuum	1
24	731-04310	Reservoir, Air	1
25	731-04333	Actuator, Vac Differential Lock	1
26	731-04334	Hose, Vac Differential Lock, Vent	1
27	731-04335	Hose, Vac Differential Lock Supply	1
28	735-04030	Grommet, .58 x .25	1
29	735-04034	Cover, Solenoid	1
30	736-0278	Flat Washer, .330 x .687 x .030	2
31	736-3067	Flat, Washer, .188 x .437 x .042	1
32	751-0876	Actuator, Vacuum Shift	1

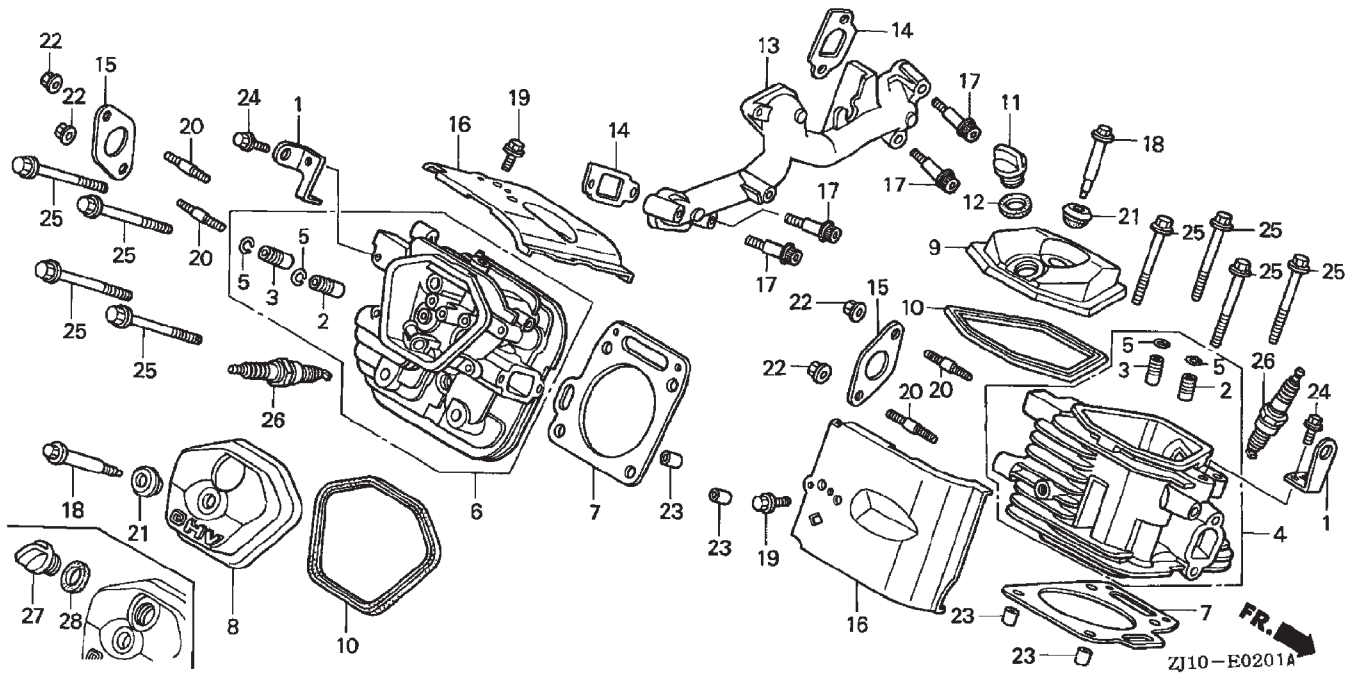
CABLES



CABLES

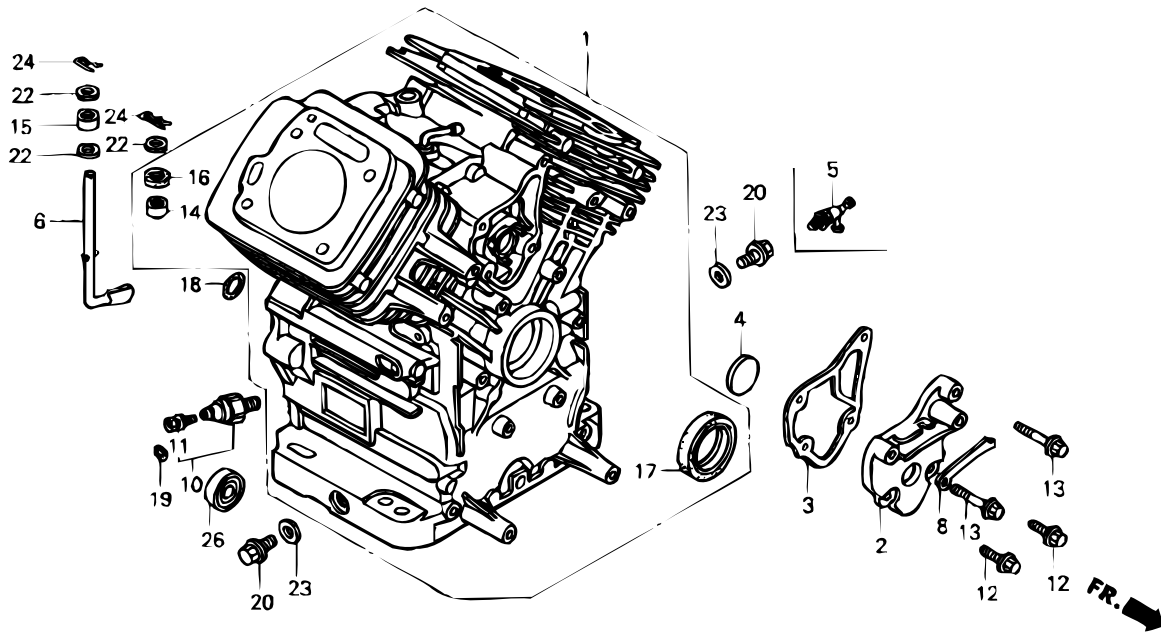
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	707-04196A	Plate, Arm Brake	2
2	707-04199	Mount,Cable	1
3	707-04200	Bracket, Equalizer	1
4	710-04027	Screw, Shoulder, .375 x .375	1
5	710-1266	Screw, 5/16-18 x 3.5	1
6	710-0599	Screw, Self-Tapping	2
7	710-1238	Washer, 5/16-18 x .875	4
8	711-0173	Pin, Clevis 375 x .969	1
9	711-04024	Pin, Clevis .625 OD x 1.37	1
10	711-0653	Pin, Clevis .312 OD x 1.0	2
11	712-0256	Nut, Jam 5/16-24	2
12	712-3010	Nut, Hex 5/16-18	1
13	712-3004A	Nut, FlangeLock 5/16-18	4
14	712-3007	Nut, Jam 5/16-18	1
15	712-3009	Hexlock Nut, 5/16-18	1
16	714-0104	Pin, Cotter, .072 x 1.13	1
17	714-0507	Pin, Cotter 3-32 x .750	2
18	719-0104	E-Ring for .500 Dia Shaft	2
19	716-0106A	E-Ring.625 Shaft	2
20	719-3018	Yoke, 5/16-24	2
21	726-04000	Clamp	2
22	732-0470A	Extension Spring	1
23	736-0159	Washer, .349 x .879 x .063	1
24	736-0355	Flat Washer, 1.0 x .56 x .040	2
25	746-04002	Cable, Control, Choke	1
26	746-04042	Cable, Control, Throttle	1
27	746-04124	Cable, Control, Brake	1
28	750-04194	Spacer, .466 OD x .443	1
29	736-04099	Washer, Belleville, .937 x .328 x .07	10

ENGINE — CYLINDER HEAD



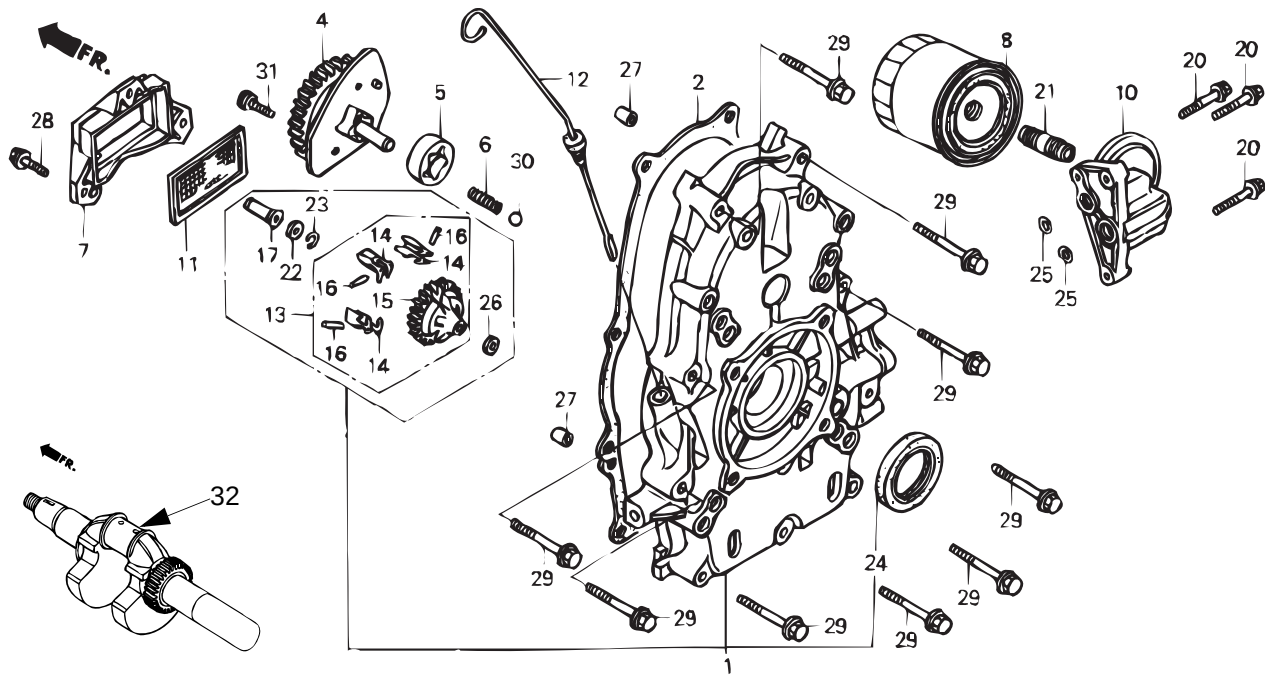
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	11911-ZJ1-840	Hanger, Engine	2
2	12204-ZE2-306	Guide, Valve (OS)	2
3	12205-ZJ1-405	Guide, Ex. Valve (OS)	2
4	12210-ZJ1-840	Cylinder Head (#1)	1
5	12216-ZE2-300	Clip, Valve Guide	4
6	12220-ZJ1-840	Cylinder Head (#2)	1
7	12251-ZJ1-841	Gasket, Cylinder Head	2
8	12311-ZJ1-840	Cover, Head	1
9	12314-ZJ1-840	Cover, Head Filler	1
10	12391-ZE2-020	Gasket, Cylinder Head Cover	2
11	15611-MB0-000	Cap, Oil Filler	1
12	15625-ZJ1-840	Gasket, Oil Filler Cap	1
13	17101-ZJ1-840	Manifold, In	1
14	17151-ZJ1-841	Gasket, In. Manifold	2
15	18333-ZE3-800	Gasket, Ex. Pipe	2
16	19682-ZJ1-840	Shroud, Head	2
17	90011-ZJ1-841	Bolt, Socket (8x45)	4
18	90014-ZE2-000	Bolt, Head Cover	2
19	90014-952-000	Bolt, Flange (6x14)	2
20	90018-ZJ1-840	Bolt, Stud (8x22)	4
21	90441-ZE2-010	Washer, Head Cover	2
22	94050-08000	Nut, Flange (8mm)	4
23	94301-12200	Pin A, Dowel (12x20)	4
24	95701-08020-00	Bolt, Flange (8x20)	2
25	95701-10080-00	Bolt, Flange (10x80)	8
26	98079-52876	Spark Plug (BPR2ES) (NGK)	2

ENGINE — CYLINDER BARREL



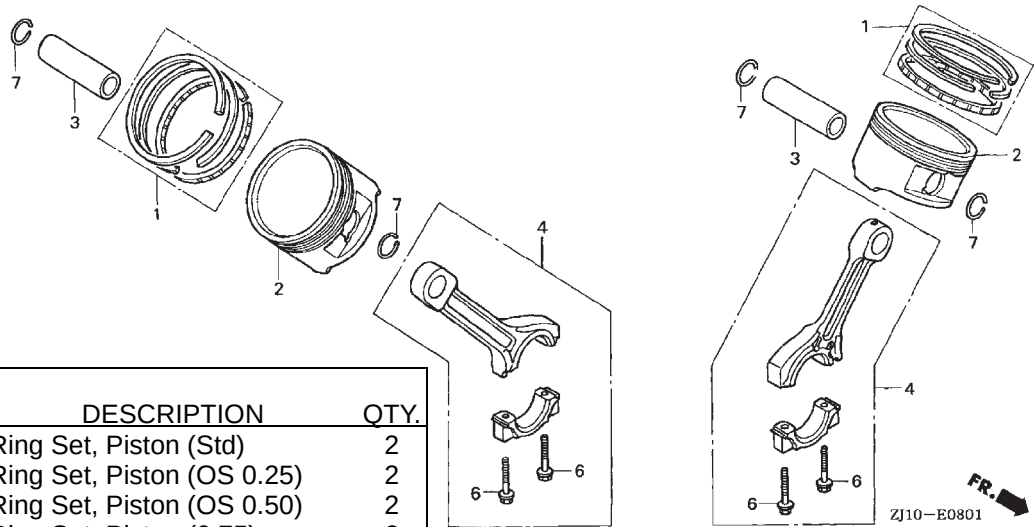
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	12000-ZJ1-841	Cylinder Assembly	1
2	12356-ZJ1-000	Cover, Breather	1
3	12358-ZJ1-000	Gasket, Breather Cover	1
4	12372-ZE2-300	Valve, Breather	1
5	15558-ZJ1-	Valve, Drain (14x1.5)	1
6	16541-ZJ1-840	Shaft, Governor Arm	1
8	31511-ZJ1-000	Clamp, Wire	1
10	37240-ZG3-E01	Switch, Oil Pressure	1
11	90002-ZG5-004	Screw-washer (4x8)	1
12	90029-888-000	Bolt, Flange (6x16)	2
13	90031-ZE1-000	Bolt, Flange (6x32)	2
14	91001-ZJ1-841	Bearing, Needle (8x12.7x11.1)	1
15	91002-ZJ1-841	Bearing, Needle (8x12x10)	1
16	91201-ZE9-003	Oil Seal (8x14x5)	1
17	91201-ZJ1-841	Oil Seal (38x58x9)	1
18	91302-MB6-830	O-ring (13x3.0)	1
20	92800-14000	Bolt, Drain Plug (14mm)	2
22	94102-08800	Washer, Plain (8mm)	3
23	94109-14000	Washer, Drain Plug (14mm)	2
24	94251-08000	Pin, Lock (8mm)	2
26	96140-60030-10	Bearing, Radial Ball (6003)	1

ENGINE — CRANKCASE COVER

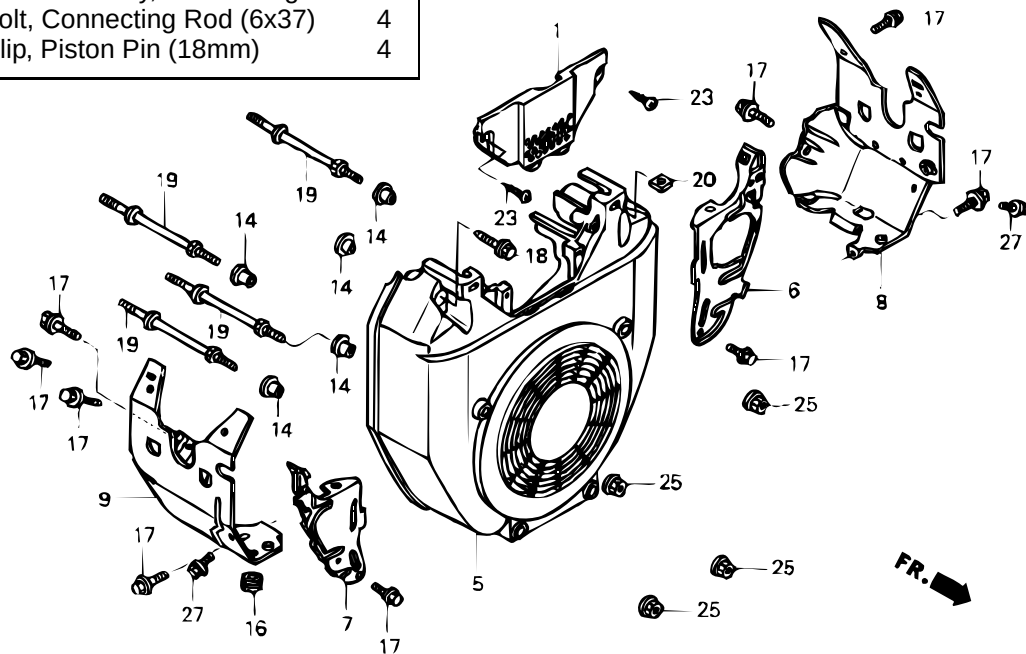


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	11300-ZJ1-840	Cover Assembly, Crankcase	1
2	11381-ZJ1-840	Gasket, Case Cover	1
4	15120-ZJ1-000	Cover Assembly, Oil Pump	1
5	15124-ZJ1-003	Rotor, Oil Pump (Outer)	1
6	15232-ZJ1-000	Spring, Relief Valve	1
7	15348-ZJ1-840	Cover, Oil Filter	1
8	15400-P0H-	Filter, Oil	1
10	15411-ZJ1-840	Base, Oil Filter	1
11	15427-ZJ1-000	Screen, Oil Filter	1
12	15655-ZJ1-840	Dipstick, Oil	1
13	16510-ZJ1-840	Governor Assembly	1
14	16511-ZJ1-840	Weight, Governor	3
15	16512-ZJ1-840	Holder, Governor Weight	1
16	16513-ZE2-000	Pin, Governor Weight	3
17	16531-ZE2-000	Slider, Governor	1
20	90015-883-000	Bolt, Flange (6x28)	3
21	90018-PN3-000	Holder, Oil Filter	1
22	90473-147-000	Washer (6x16)	1
23	90602-ZE1-000	Clip, Governor Holder	1
24	91202-ZJ1-841	Oil Seal (38x58x9)	1
25	91320-MJ6-003	O-ring (11.8x2.4)	2
26	94101-06800	Washer, Plain (6mm)	1
27	94301-08140	Pin A, Dowel (8x14)	2
28	95701-06020-00	Bolt, Flange (6x20)	3
29	95701-08050-00	Bolt, Flange (8x50)	9
30	96211-12000	Ball, Steel (#12) (3/8)	1
31	96600-06016-00	Bolt, Socket (6x16)	2
32	13310-ZJ1-840	Crankshaft	1

ENGINE — PISTON & FAN COVER

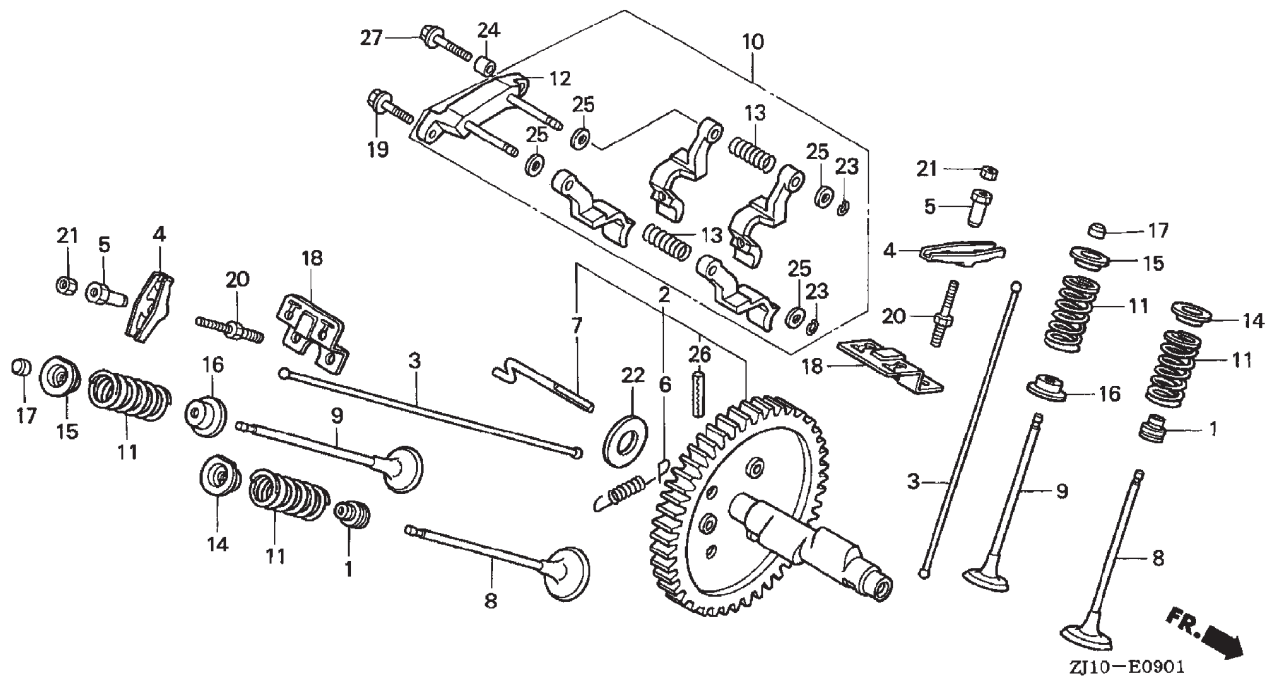


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	13010-ZJ1-841	Ring Set, Piston (Std)	2
	13011-ZJ1-841	Ring Set, Piston (OS 0.25)	2
	13012-ZJ1-841	Ring Set, Piston (OS 0.50)	2
	13013-ZJ1-841	Ring Set, Piston (0.75)	2
2	13101-ZJ1-840	Piston (Std)	2
	13102-ZJ1-840	Piston (OS 0.25)	2
	13103-ZJ1-840	Piston (OS 0.50)	2
	13104-ZJ1-840	Piston (0.75)	2
3	13111-ZJ1-840	Pin, Piston	2
4	13200-ZJ1-841	Rod Assembly, Connecting	2
6	90001-ZN1-000	Bolt, Connecting Rod (6x37)	4
7	94601-18000	Clip, Piston Pin (18mm)	4



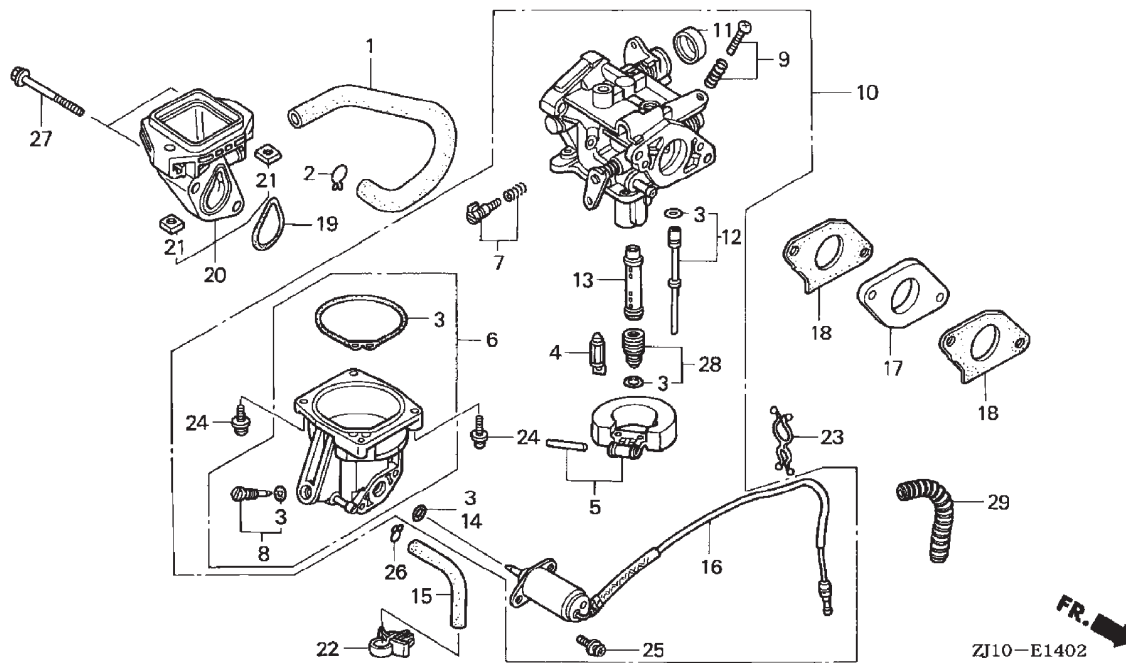
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	16715-ZJ1-840	Cover, Fuel Pump	1	17	90013-883-000	Bolt, Flange (6x12) (Ct200)	10
5	19611-ZJ1-860ZB	Cover, Fan (Bright Red)	1	18	90018-ZE1-000	Bolt, Flange (6x23)	2
6	19612-ZJ1-840	Plate, R. Side	1	19	90042-ZJ1-840	Bolt, Stud (6x71)	4
7	19614-ZJ1-840	Plate, L. Side	1	20	90313-ZJ1-840	Nut, Square (5mm)	2
8	19631-ZJ1-840	Shroud, R	1	23	93913-25580	Screw, Tapping (5x20)	2
9	19632-ZJ1-840	Shroud, L	1	25	94050-06000	Nut, Flange (6mm)	4
14	33713-GC2-000	Collar B, Taillight	6	27	95701-06008-00	Bolt, Flange (6x8)	2
16	80101-310-000	Rubber, Rr. Fender Cushion	1				

ENGINE — CAMSHAFT



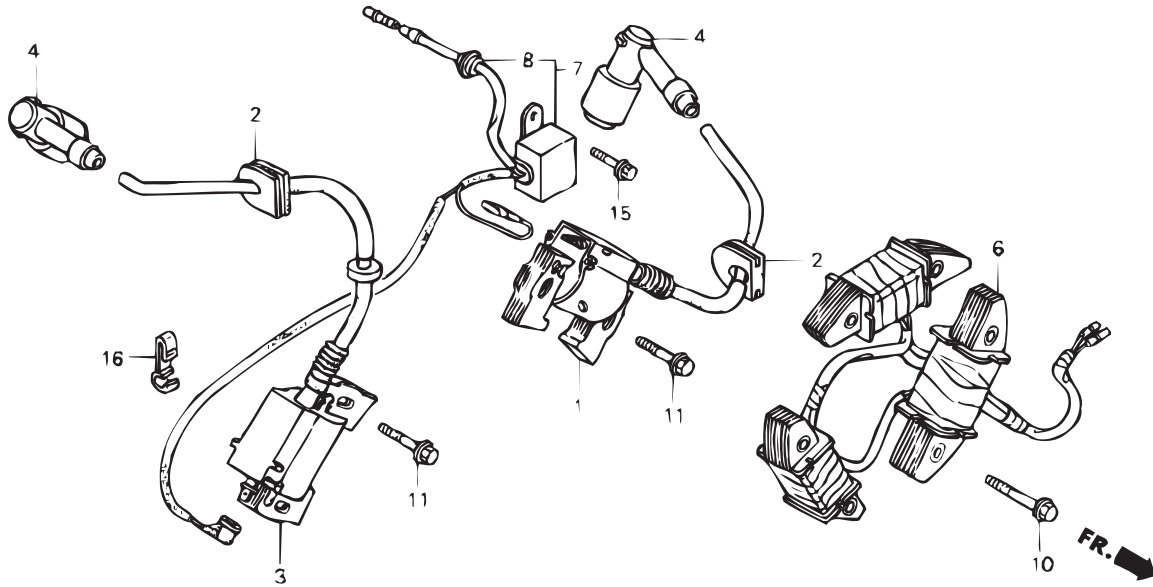
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	12209-ZE8-003	Seal, Valve Stem	2
2	14100-ZJ1-842	Camshaft Assembly	1
3	14410-ZJ1-840	Rod, Push	4
4	14431-ZE2-010	Arm, Valve Rocker	4
5	14451-ZE1-013	Pivot, Rocker Arm	4
6	14568-ZJ1-841	Spring, Weight Return	1
7	14576-ZJ1-840	Pin, Decompression	1
8	14711-ZE3-000	Valve, In	2
9	14721-ZE3-000	Valve, Ex	2
10	14730-ZJ1-840	Lifter Ass'y., Valve	1
11	14751-ZE2-003	Spring, Valve	4
12	14760-ZJ1-840	Shaft, Valve Lifter	1
13	14764-ZJ1-840	Spring, Valve Lifter	2
14	14771-ZE2-000	Retainer, In. Valve Spring	2
15	14773-ZE2-000	Retainer, Ex. Valve Spring	2
16	14775-ZE2-010	Seat, Valve Spring	2
17	14781-ZE2-000	Rotator, Valve	2
18	14791-ZE2-010	Plate, Push Rod Guide	2
19	90005-896-000	Bolt, Flange (5x16)	1
20	90012-ZE0-010	Bolt, Pivot (8mm)	4
21	90206-ZE1-000	Nut, Pivot Adj	4
22	90446-357-000	Washer, Thrust (17.2mm)	1
23	90602-ZE1-000	Clip, Governor Holder	2
24	94301-08120	Pin A, Dowel (8x12)	1
25	94101-06800	Washer, Plain (6mm)	4
26	94305-60282	Pin, Spring (6x28)	1
27	95701-06025-00	Bolt, Flange (6x25)	1

ENGINE — CARBURETOR

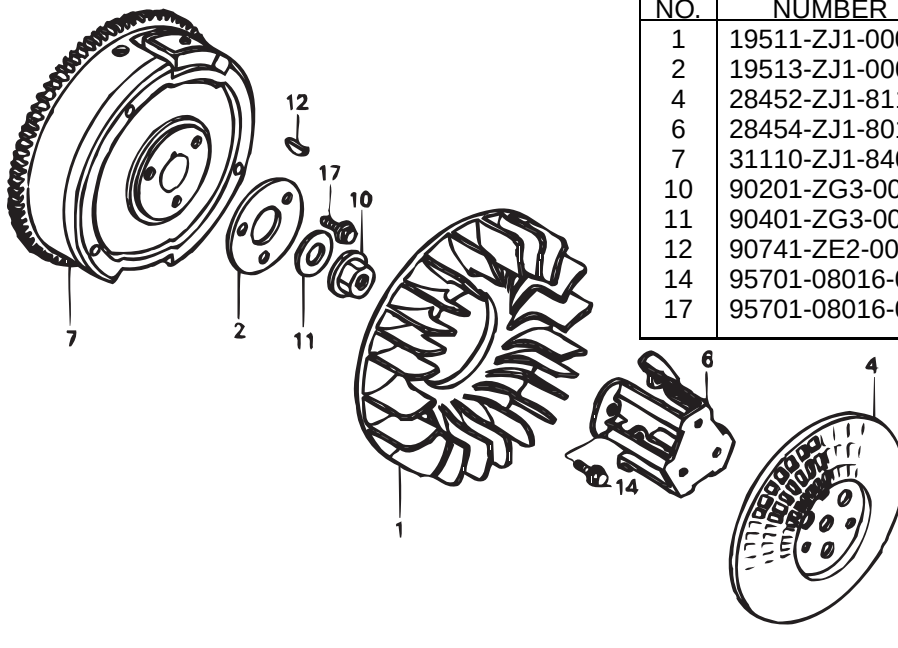


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	12357-ZJ1-840	Tube, Breather	1
2	15772-551-000	Clip, Breather Tube	1
3	16010-ZG8-000	Gasket Set	1
4	16011-KCK-910	Valve Set, Float	1
5	16013-ZV4-005	Float Set	1
6	16015-ZJ1-841	Chamber Set, Float	1
7	16016-ZJ1-010	Screw Set	1
8	16024-124-760	Screw Set, Drain	1
9	16028-ZG8-000	Screw Set	1
10	16100-ZJ1-841	Carburetor Assembly. (Bg22g A)	1
11	16148-141-881	Cap, Choke Lever Dust	1
12	16150-ZJ1-841	Jet Set (#52)	1
13	16166-ZJ0-000	Nozzle, Main	1
14	16178-548-004	O-ring (5.8x1.9)	1
15	16198-ZJ1-840	Tube, Drain	1
16	16200-ZJ1-841	Valve Assembly., Solenoid	1
17	16211-ZJ0-830	Insulator, Carburetor	1
18	16221-ZJ1-840	Gasket, Carburetor	2
19	17228-ZG8-003	Gasket, Air Cleaner	1
20	17410-ZJ1-840	Elbow, Air Cleaner	1
21	90314-ZJ1-840	Nut, Insert (6mm)	2
22	90682-959-661	Clip B, Cable	1
23	91402-ZJ1-841	Clip, Purse Lock	1
24	93892-04014-08	Screw-washer (4x14)	4
	93892-04014-18	Screw-washer (4x14)	4
25	93892-05012-08	Screw-washer (5x12)	2
26	95002-02080	Clip, Tube (B8)	1
27	95801-06120-00	Bolt, Flange (6x120)	2
28	99201-ZG8-	Jet Set, Main (#110)	1

ENGINE — IGNITION COIL & FLYWHEEL

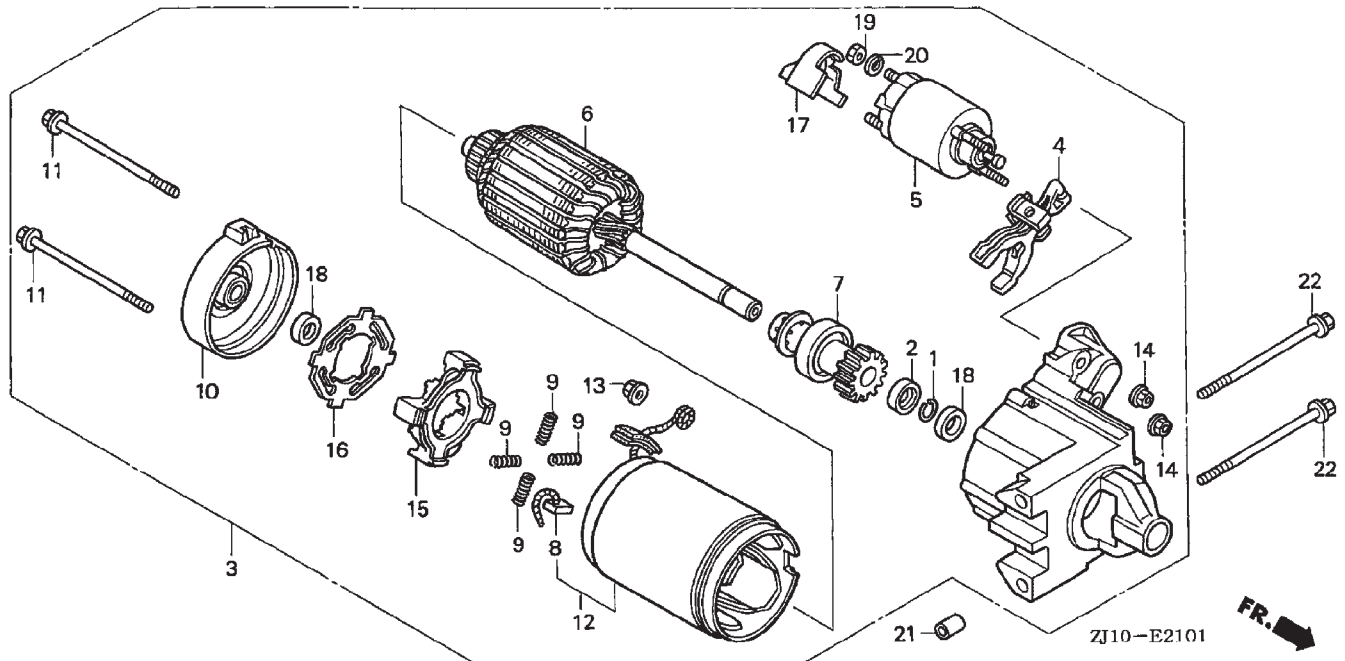


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	30500-ZJ1-841	Coil Assembly, R. Ignition	1
2	30518-ZJ1-000	Grommet, Ignition Wire	2
3	30550-ZJ1-841	Coil Assembly, L. Ignition	1
4	30700-ZJ1-841	Cap Assembly, Noise Suppressor	2
6	31630-ZJ1-801	Coil Assembly, Charge (12V/20A)	1
7	31740-ZJ1-841	Diode Assembly, Engine Stop	1
8	63312-ZA7-000	Grommet, Tool	1
10	90031-ZE1-000	Bolt, Flange (6x32)	6
11	90031-ZE1-000	Bolt, Flange (6x32)	2
15	95701-06008-00	Bolt, Flange (6x8)	1
16	32763-PA0-000	Clamp, Wire	1



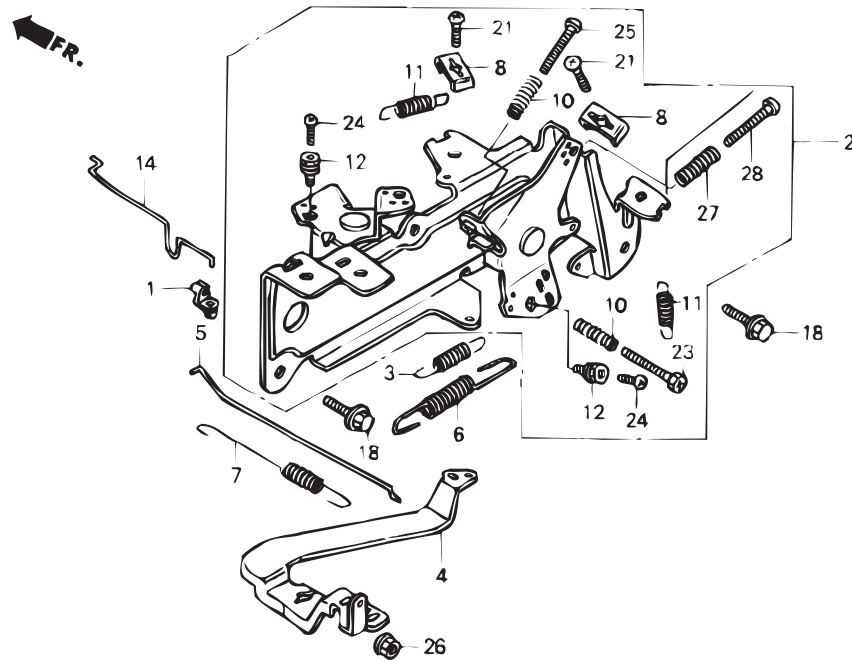
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	19511-ZJ1-000	Fan, Cooling	1
2	19513-ZJ1-000	Plate, Cooling Fan Setting	1
4	28452-ZJ1-811	Grid, Screen	1
6	28454-ZJ1-801	Holder, Screen Grid	1
7	31110-ZJ1-840	Flywheel	1
10	90201-ZG3-000	Nut, Flange (20mm)	1
11	90401-ZG3-000	Washer (20mm)	1
12	90741-ZE2-000	Key, Special Woodruff (25x18)	1
14	95701-08016-00	Bolt, Flange (8x16)	1
17	95701-08016-00	Bolt, Flange (8x16)	1

ENGINE — STARTER MOTOR



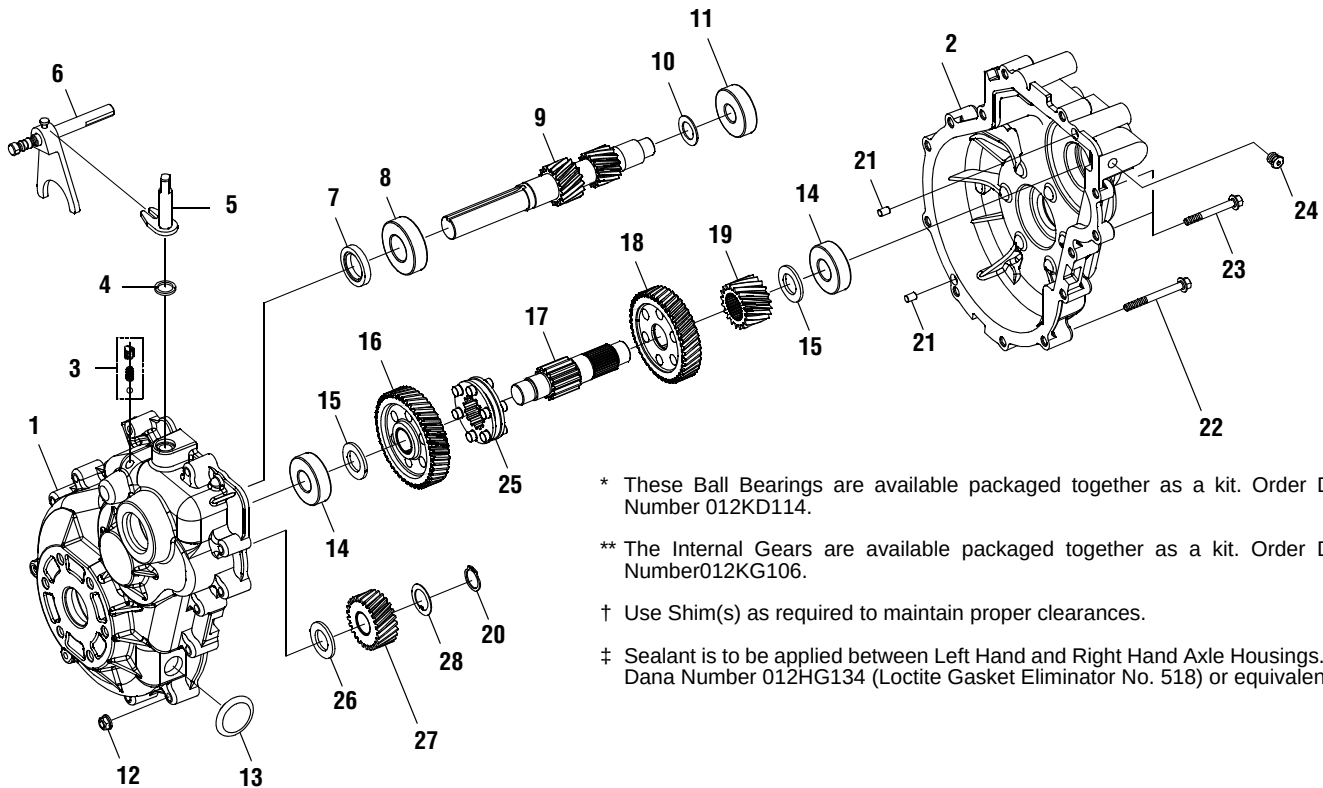
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	30201-PH9-004	Ring, Snap (Denso)	1
2	30202-PZ1-003	Collar Set, Clutch Stop	1
3	31200-ZJ1-841	Motor Assembly., Starter	1
4	31203-PH9-004	Lever, Pinion Drive	1
5	31204-ZJ1-H01	Switch Assembly., Magnet	1
6	31206-ZG4-801	Armature	1
7	31207-ZJ1-H01	Clutch, Overrunning	1
8	31211-PH9-004	Brush	4
9	31212-PH9-004	Spring, Brush	4
10	31213-P64-N01	Cover	1
11	31214-PH9-004	Bolt, Through	2
12	31216-ZJ1-H01	Yoke	1
13	31220-PH9-004	Nut, Hex. (8mm)	1
14	31223-PA0-006	Nut, Flange (5mm)	2
15	31231-PH9-004	Holder, Brush	1
16	31233-PH9-004	Insulator, Brush Holder	1
17	31234-ZJ1-H01	Cover, Terminal	1
18	91002-ZG4-801	Bearing A	2
19	94001-08000-0S	Nut, Hex. (8mm)	1
20	94111-08000	Washer, Spring (8mm)	1
21	94301-10120	Pin, Dowel (10x12)	2
22	95701-08110-00	Bolt, Flange (8x110)	2

ENGINE — CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	16263-883-W10	Joint, Rod	1
2	16500-ZJ1-861	Control Assembly	1
3	16534-ZJ1-840	Spring, Starter	1
4	16551-ZJ1-840	Arm, Governor	1
5	16555-ZJ1-840	Rod, Governor	1
6	16561-ZJ4-830	Spring, Governor	1
7	16562-ZJ1-840	Spring, Throttle Return	1
8	16576-891-000	Holder, Cable	2
10	16584-883-300	Spring, Control Adjusting	2
11	16592-ZJ1-000	Spring, Cable Return	2
12	16617-ZJ1-840	Holder, Cable	2
14	16611-ZJ1-840	Rod, Choke Control	1
18	90014-952-000	Bolt, Flange (6x14)	2
21	92301-05016-0A	Bolt, Slot (5x16)	2
23	92301-05025-0A	Bolt, Slot (5x25)	1
24	92301-04006-0H	Bolt, Recessed (4x6)	2
25	93500-05025-0A	Screw, Pan (5x25)	1
26	94050-06000	Nut, Flange (6mm)	1

TRANSMISSION — INPUT SHAFT ASSEMBLY



* These Ball Bearings are available packaged together as a kit. Order Dana Number 012KD114.

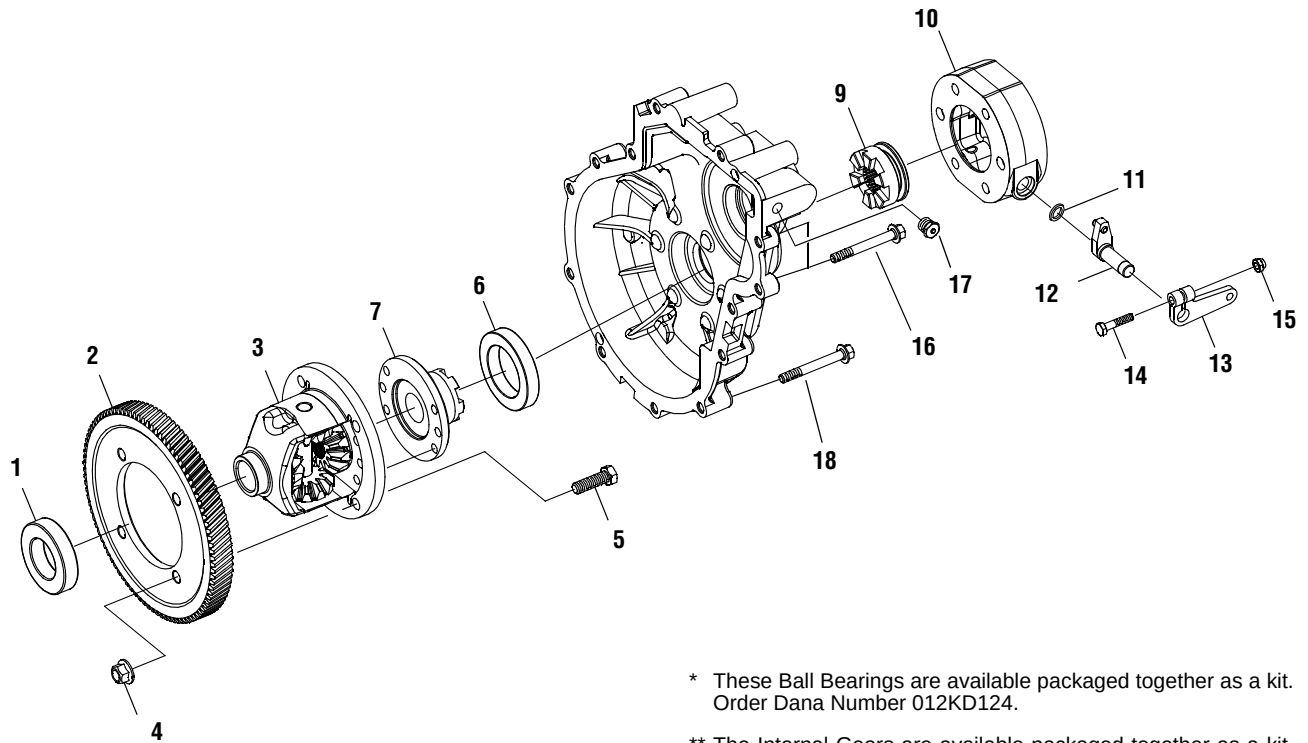
** The Internal Gears are available packaged together as a kit. Order Dana Number 012KG106.

† Use Shim(s) as required to maintain proper clearances.

‡ Sealant is to be applied between Left Hand and Right Hand Axle Housings. Use Dana Number 012HG134 (Loctite Gasket Eliminator No. 518) or equivalent.

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	012CH254-3	Housing, Axle, w/Idler Shaft‡	1
2	012CH240	Housing, Axle, Finished‡	1
3	012LK133	Kit, Detent	1
4	012HH122	Seal, Oil	1
5	012GV164X	Assembly, Actuator	1
6	012SV112X	Assembly, Shift Rod	1
7	012HH128	Seal, Oil	3
8	585965	Bearing, Ball*	1
9	012GS307	Shaft, Input**	1
10	012LK134	Kit, Shim†	2
11	012HD111	Bearing, Ball*	1
12	012HN120	Nut, Lock	13
13	41356	Plug, Rubber	1
14	012HD129	Bearing, Ball*	2
15	012HS121	Spacer, Flat,	2
16	012GS202X	Gear Assembly, Forward**	1
17	012GS200	Shaft, Intermediate	1
18	012GS204X	Gear Assembly, Reverse**	1
19	012GS215	Gear, Helical (Pinion)**	1
20	012HR128	Ring Retaining	1
21	012HP120	Pin, Dowel	2
22	012HM110-1	Screw, Flange Head	11
23	012HM110-2	Screw, Flange Head	2
24	012HN140	Vent	1
25	012GS302	Gear, Clutch	1
26	012HS126	Washer, Thrust	1
27	012GS207X	Gear, Assembly, Idler**	1
28	012HS125	Washer, Thrust	1

TRANSMISSION — DIFFERENTIAL LOCK ASSEMBLY

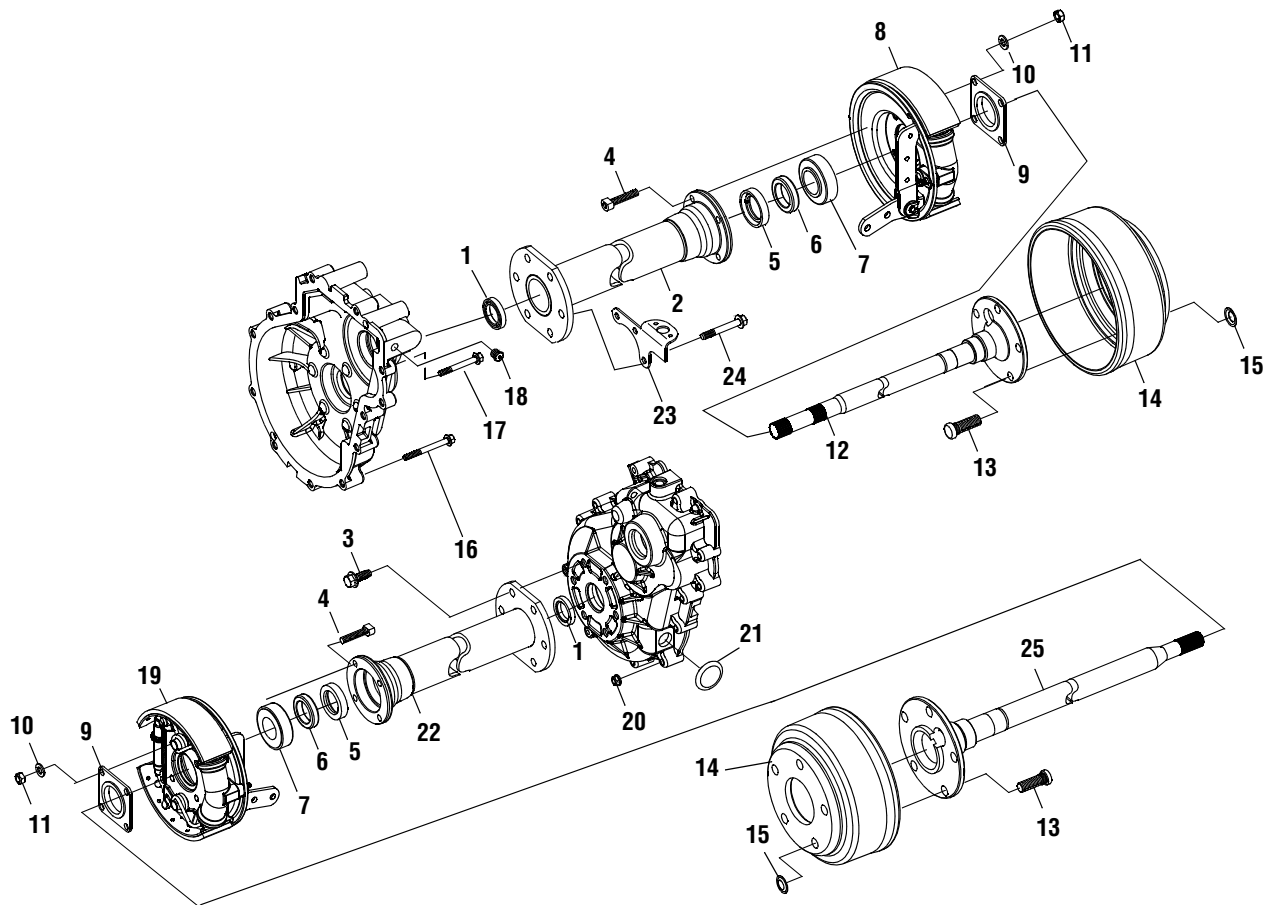


* These Ball Bearings are available packaged together as a kit.
Order Dana Number 012KD124.

** The Internal Gears are available packaged together as a kit.
Order Dana Number 012KG106.

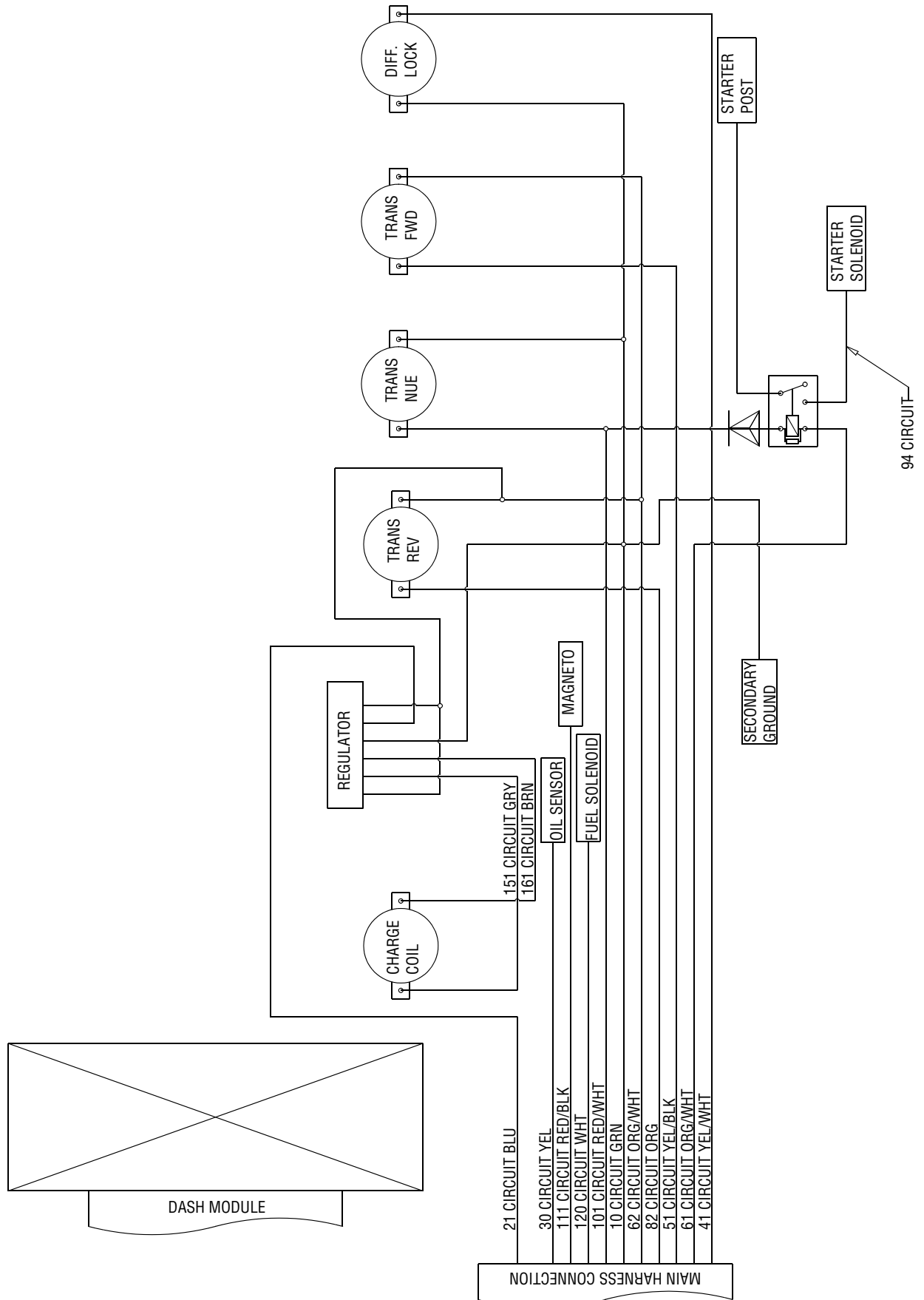
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	585994	Bearing, Ball*	1
2	012GS216	Gear, Helical (Ring)**	1
3	012DA118X	Assembly, Differential	1
4	012HN138	Nut, Lock	4
5	012HM128	Bolt, Hex	4
6	012HD142	Bearing, Ball*	1
7	012DC123	Flange, Half, Differential	1
8	012HM136	Screw, Socket Head	6
9	026HS104	Gear, Clutch Differential Lock	1
10	012CH119	Housing, Differential Lock	1
11	3112	Seal Oil	1
12	012SV117X	Assembly, Shift Shaft	1
13	314004	Lever, Actuating	1
14	4150221	Screw, Hex Head	1
15	4150223	Nut, Lock	1
16	012HM110-2	Screw, Flange Head	2
17	012HN140	Vent	1
18	012HM110-1	Screw, Flange Head	11

TRANSMISSION — BRAKE ASSEMBLY

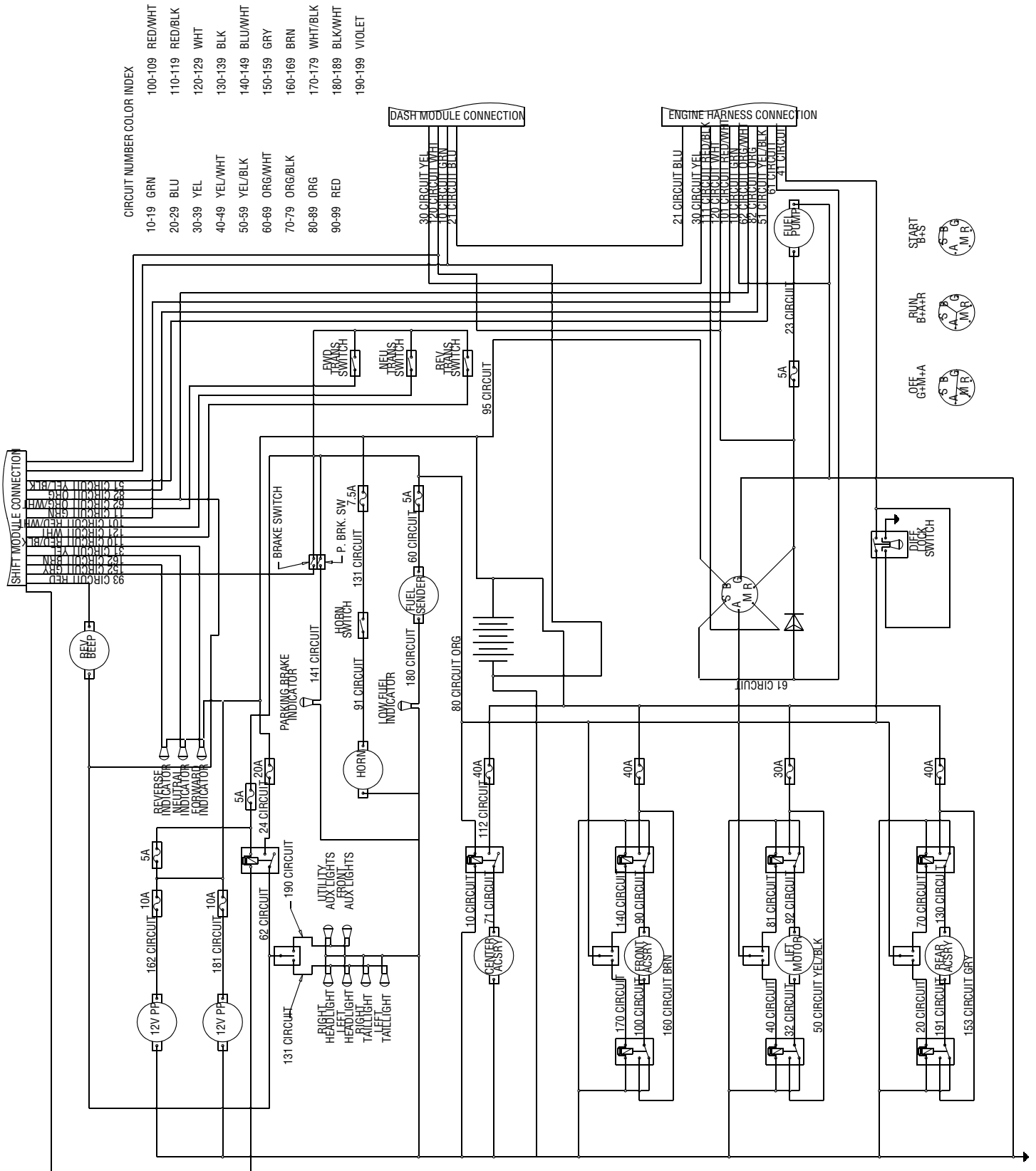


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	012HH128	Seal, Oil	1
2	012TA350-1	Assembly, Tube	1
3	070HM282	Screw, Flange Head	12
4	A20HM102	Screw, Socket Head	8
5	A20HH101	Seal, Oil	2
6	536A1	Ring, Retainer	2
7	585907	Ass'y, Bearing, Tapered Roller	2
8	018WD119	Assembly, Brake	1
9	515A7	Seal, Oil	2
10	012HN126	Washer, Flat	8
11	012HN125	Nut, Lock	8
12	012SR166-1	Shaft, Axel	2
13	012HM138-1	Bolt, Wheel	10
14	012WA127	Drum, Brake	2
15	34391-2	Nut, Spring	2
16	012HM110-1	Screw, Flange Head	11
17	012HM110-2	Screw, Flange Head	2
18	012HN140	Vent	1
19	018WD118	Assembly, Brake	1
20	012HN120	Nut, Lock	13
21	41356	Plug, Rubber	1
22	012TA349-1	Assembly, Tube	1
23	012TF238	Bracket, Differential Lock Actuator	1
24	012HM137	Screw, Flange Head	6
25	012SR149-4	Shaft, Axel	1

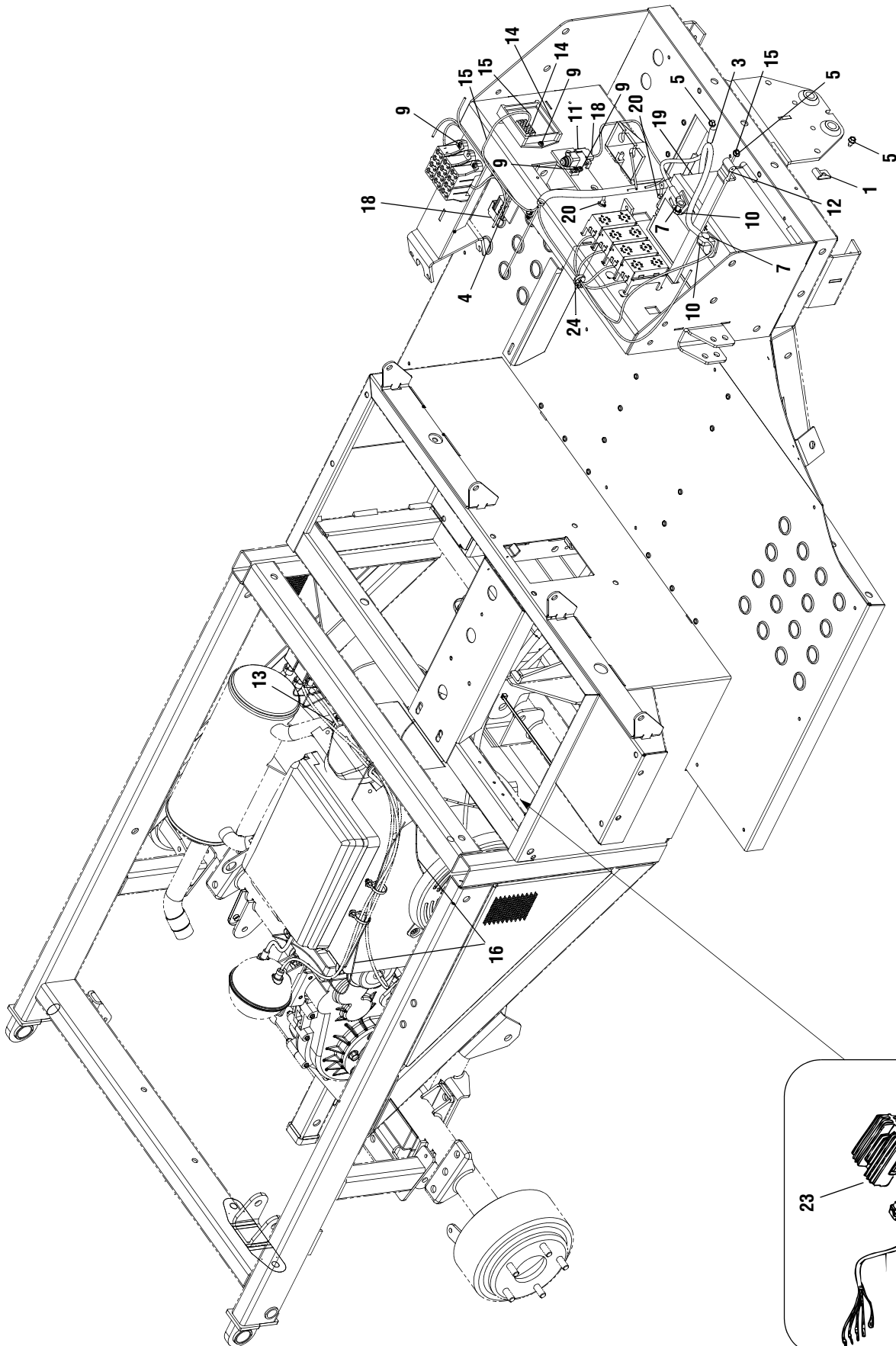
ELECTRICAL SCHEMATIC



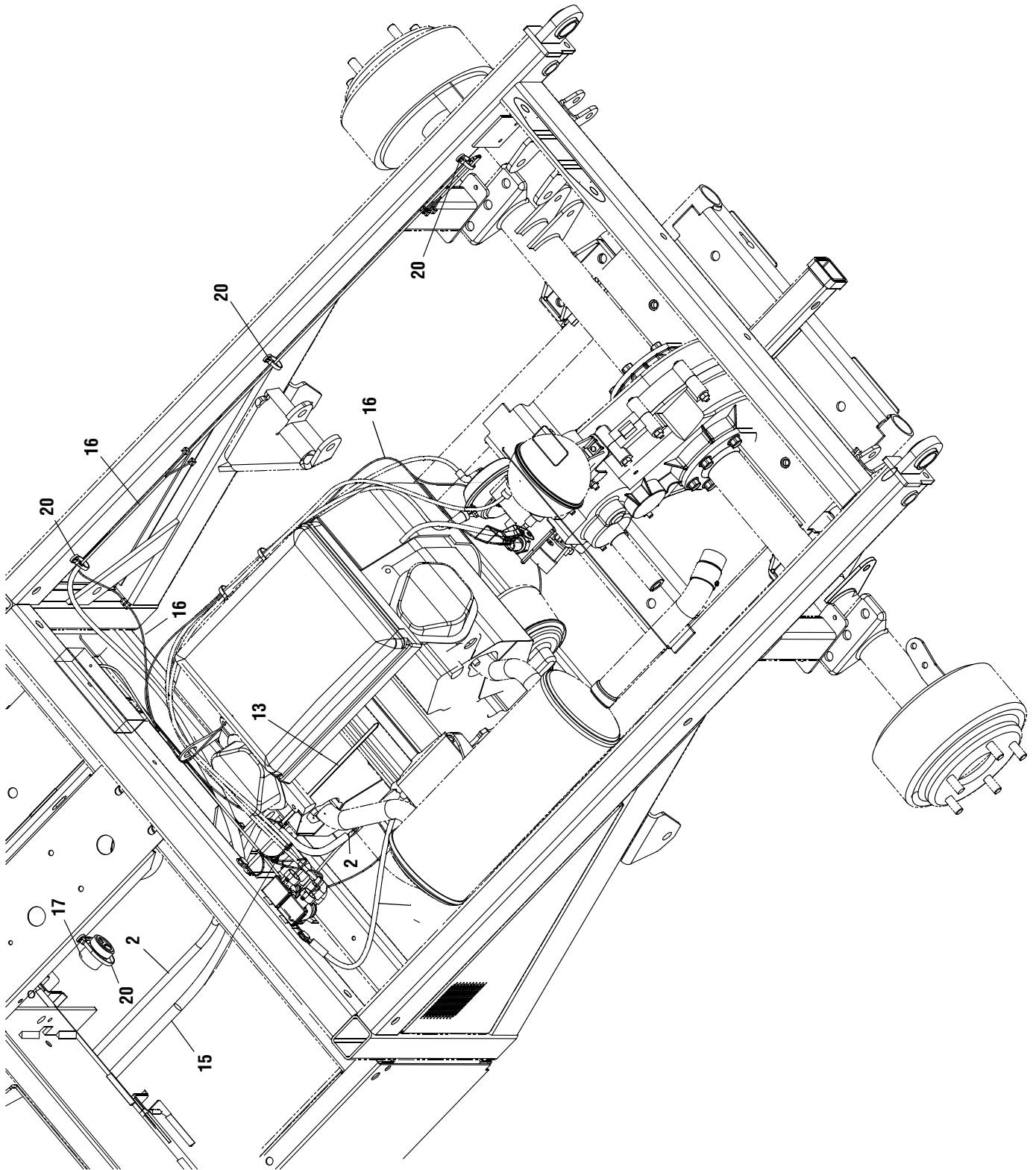
ELECTRICAL SCHEMATIC



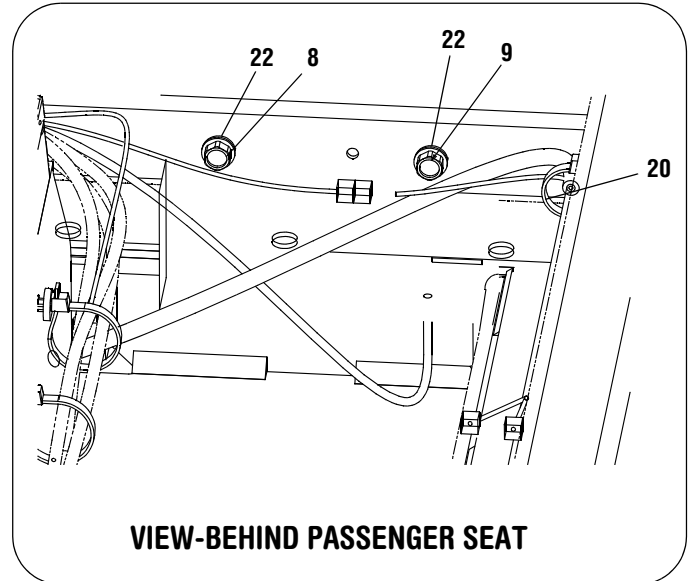
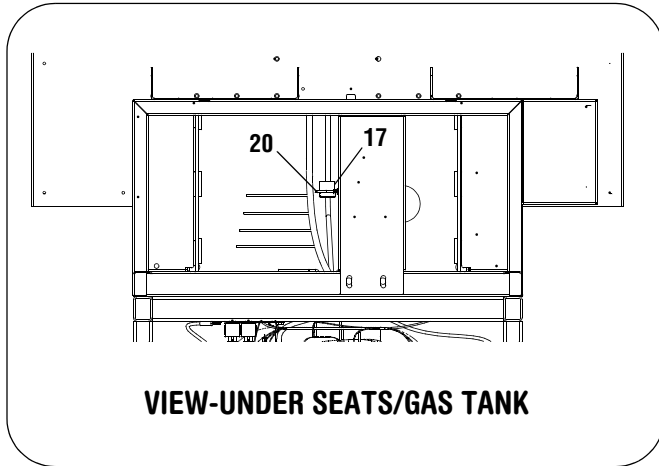
ELECTRICAL SYSTEM



ELECTRICAL SYSTEM



ELECTRICAL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	16606	Bracket, Retainer Hook	1
2	629-04054	Harness Assembly, Starter	1
3	629-04060	Harness Assembly, Motor Ground	2
4	710-04030	Screw, 1/4-20 x .50	2
5	710-0599	Screw, Self-tapping, 1/4-20 x 0.500	3
6	710-0607	Screw, Self-tapping, 5/16-18 x .50	1
7	710-0703	Screw, Hex Carriage, 1/4-20 x .75	2
8	710-0788	Screw, Self-tapping, 1/4-20 x 1.000	2
9	710-3009	Screw, #10-24 x 0.75	8
10	712-0271	Nut, Hex Sems, 1/4-20	2
11	721-3049	Cover, Protective	1
12	723-3064	Strap, Battery	1
13	725-0157	Cable Tie, 3/16 x .05 x 7.4	2
14	725-04059A	Control, Shaft	1
15	725-04065	Harness, Utility Main	1
16	725-04066	Harness, Motor	1
17	725-04069	Control, Reverse	1
18	725-1657A	Switch	2
19	725-1738	Battery	1
20	726-0470	Cable Tie, .19 x 8.39 Tree Mount	8
21	726-3046	Clip .250 Dia.	2
22	736-0329	Lock Washer, 1/4	2
23	31620-ZG5-003	Rectifier Assembly, Regulator (20A)	1
24	726-0465	Retainer Clip, .250 x .267	2

LABELS



777D07430

