

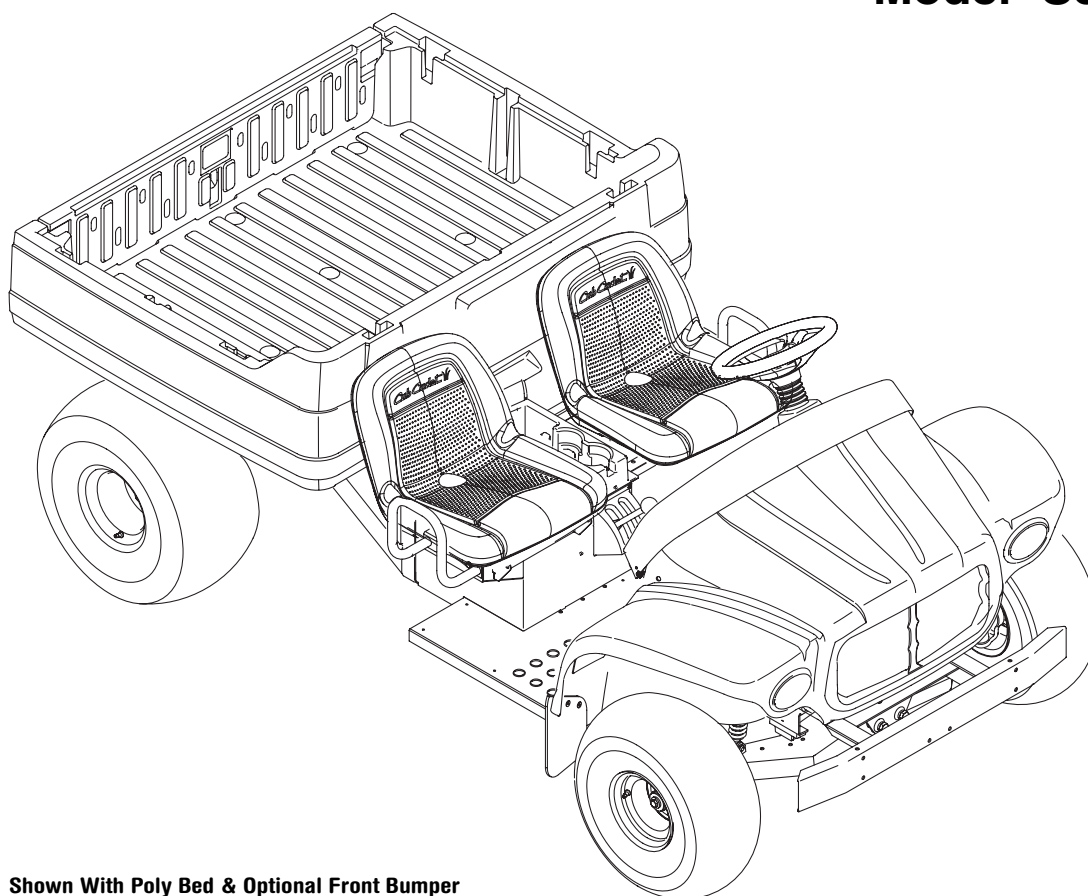
Cub Cadet®

Parts Manual

BIG COUNTRY 

4x2 Utility Vehicle

Model Series 410



Shown With Poly Bed & Optional Front Bumper

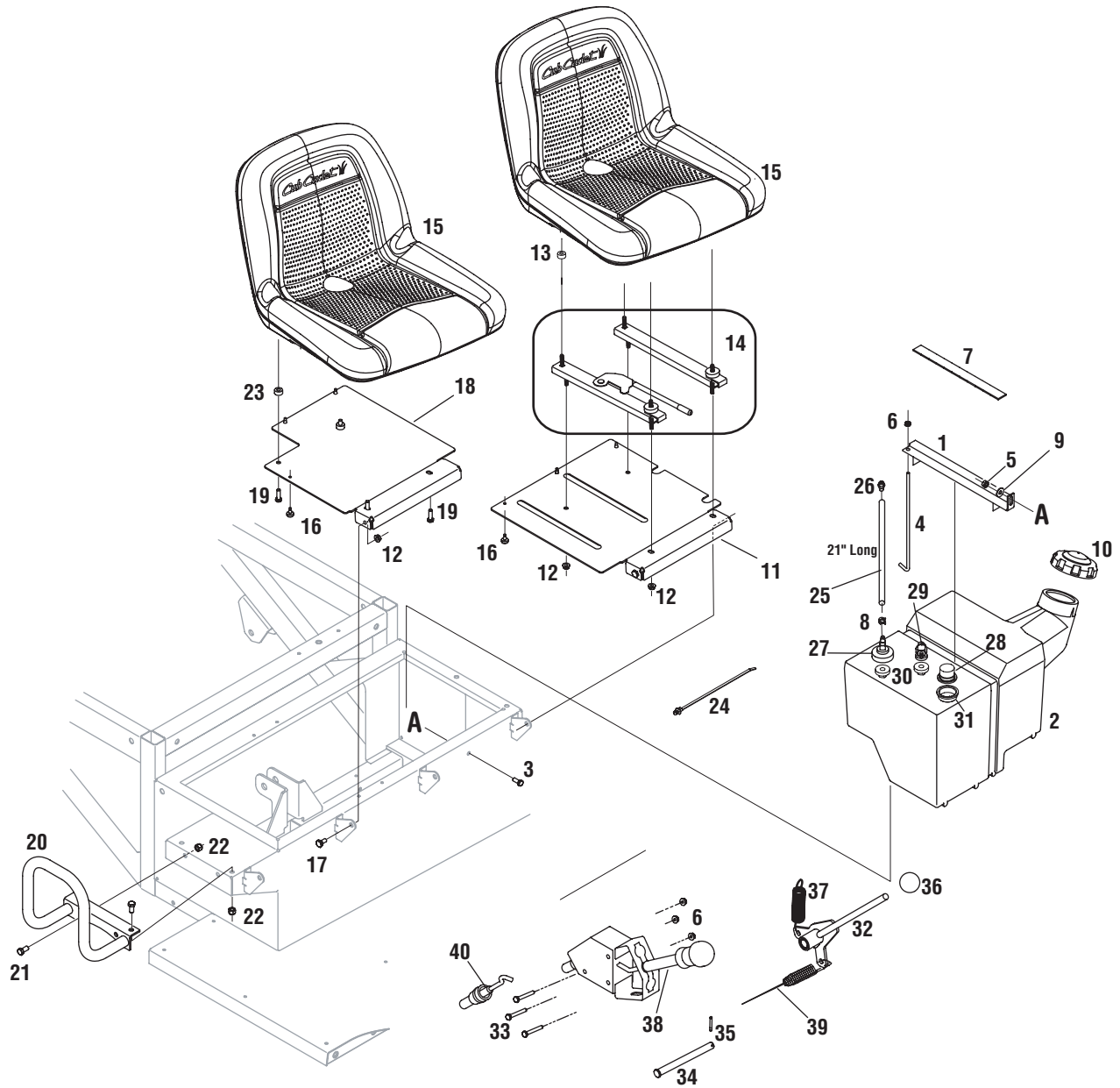
NOTES

MODEL SERIES 410

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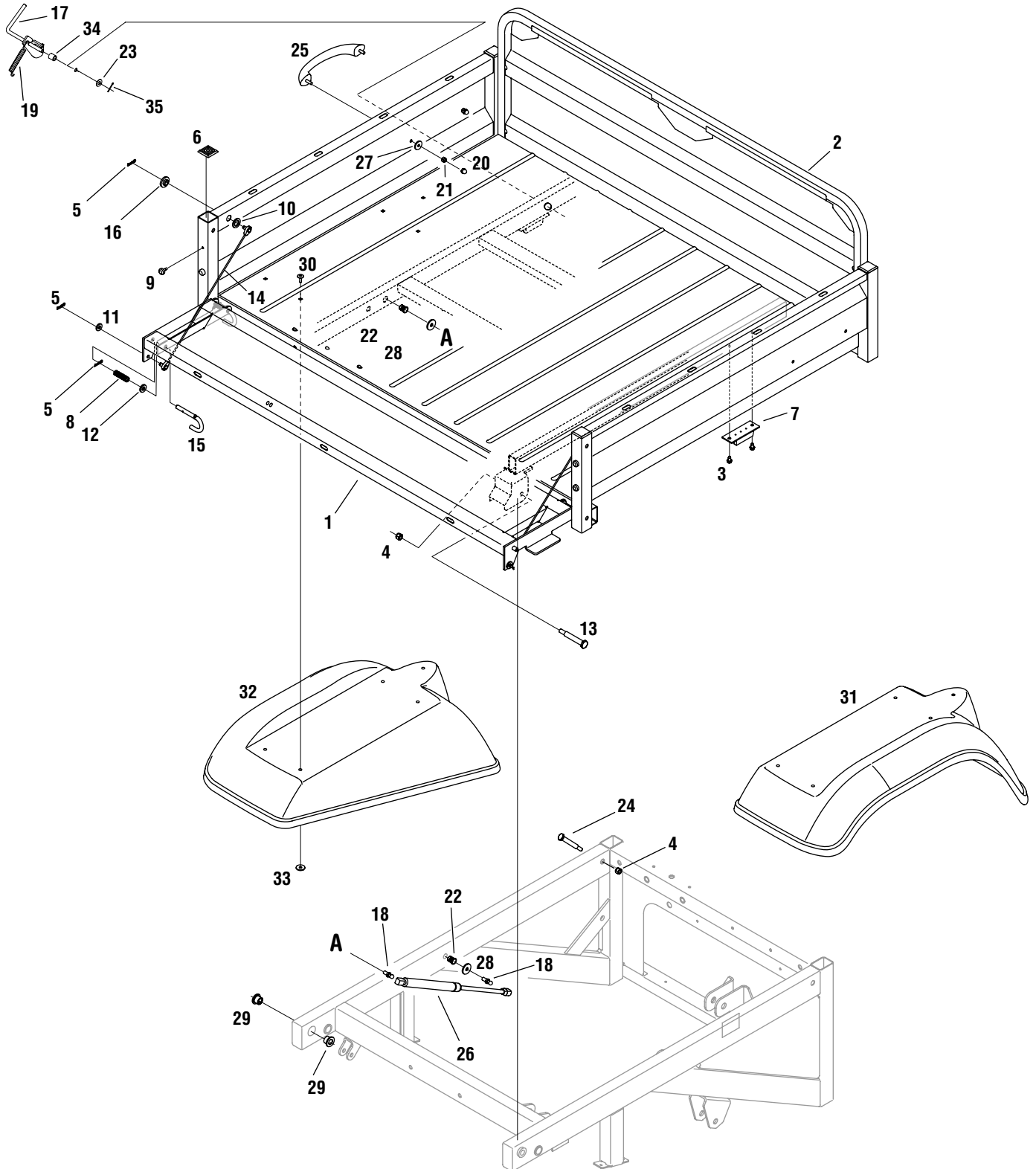
SEATS/ FUEL TANK/ SHIFTER ASSEMBLY



SEATS/ FUEL TANK/ SHIFTER ASSEMBLY

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	707-04640	Bracket Assembly, Fuel Tank	1
2	631-04098	Tank Assembly, Fuel (Incl. valve, grommets, cap. switch & fitting)	1
3	710-3008	Hex Screw, 5/16-18 x .75	1
4	711-1768	Hold-down Rod, Fuel Tank	1
5	712-0265	Sems Nut, 5/16-18	1
6	712-3027	Nut, Flange Lock, 1/4-20	4
7	721-04006	Gasket, Fuel Tank (11")	1
8	726-0205	Clamp, Hose	1
9	736-0159	Washer, .349 x .879 x .063	1
10	751-0852	Cap, Fuel	1
11	707-04061A	Plate, Seat, LH	1
12	712-3004A	Nut, Flange Lock, 5/16-18, Gr5	8
13	750-04023	Spacer, Seat	2
14	757-04033	Track Assembly, Seat	1
15	757-04022	Seat	2
16	735-0271A	Bumper	6
17	738-0140	Shoulder Screw,.435 x.178-5/16 x.56	4
18	707-04062A	Plate, Seat, RH	1
19	710-0376	Hex Screw, 5/16-18 x 1.0	4
20	649-04002	Tube, Grab Handle	2
21	710-0216	Hex Screw, 3/8-16 x.75	4
22	712-0130	Nut, Hex Lock Nylon, 3/8-16	4
23	750-0258	Spacer,.315 x.750 x.375	4
24	726-0470	Cable Tie	1
25	751-0535	Fuel Line Hose	1
26	737-0296	Vent	1
27	751-3174	Fuel Return Fitting	1
28	751-0853	Fuel Tank Gauge	1
29	737-04010	Fuel Tank Shut Off Valve	1
30	741-04006	Grommet	2
31	735-0699	Grommet	1
32	647-0071B	Diff Lock Shift Assembly	1
33	710-0641	Hex Screw, 1/4-20 x 2.25	3
34	711-04068	Clevis Pin	1
35	714-0115	Cotter Pin	1
36	720-04002	Ball Knob	1
37	732-1187	Extension Spring	1
38	746-04118	Shifter Control	1
39	746-04145	Diff Lock Control Cable	1
40	746-04149	Shift Panel Control Cable	1

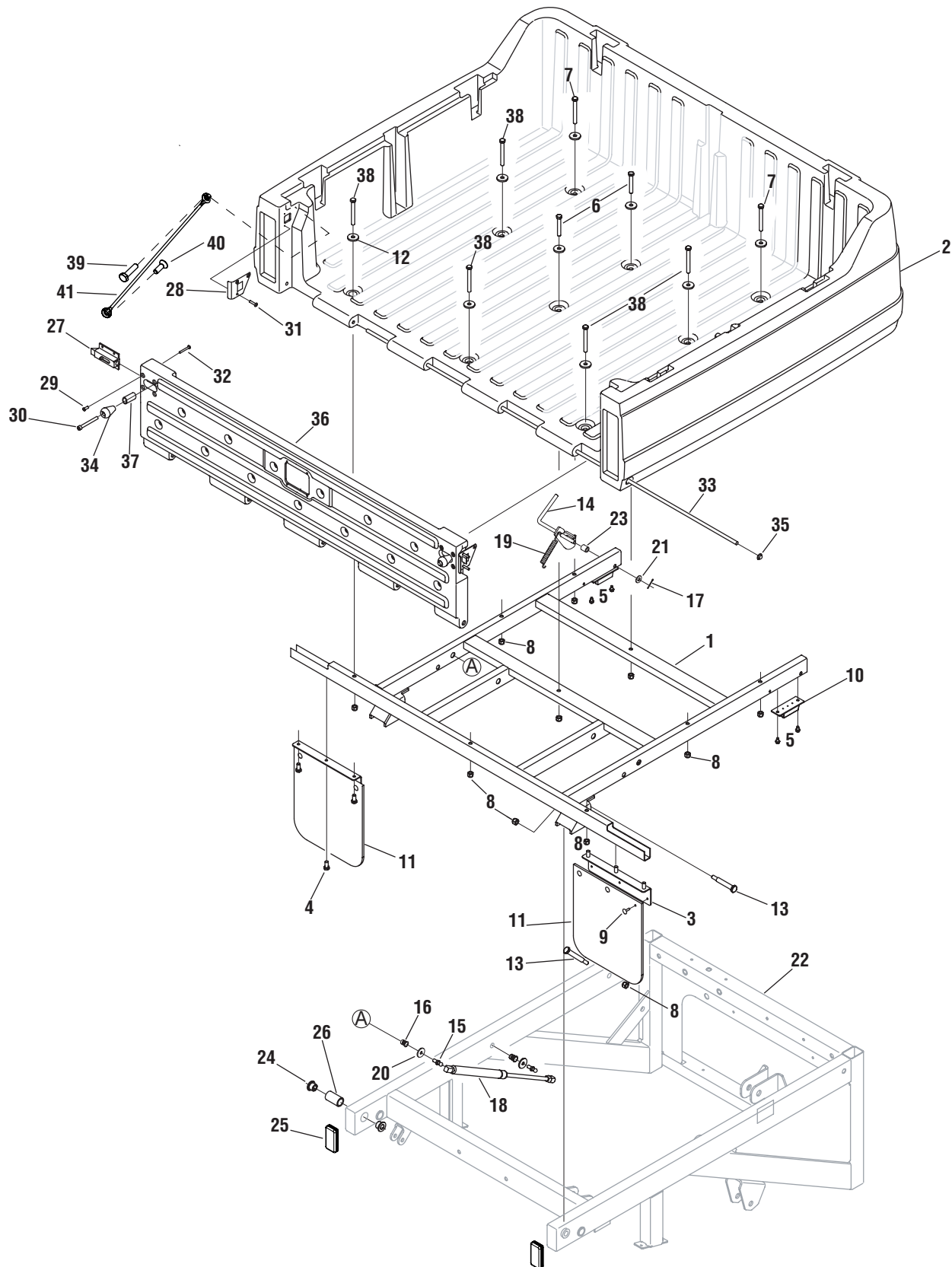
CARGO BED AND REAR FENDERS (MODEL 411)



CARGO BED AND REAR FENDERS (MODEL 411)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	607-04028A	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	735-0271A	Bumper, .62Dia 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 Dia x .324 Dia	2
17	607-04108	Latch Assembly	1
18	710-04166	Stud, Ball 5/16-18	2
19	732-0428A	Extension Spring	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	2
23	736-0300	Flat Washer, .406 x .875 x .059	1
24	738-3056	Shoulder Bolt, 3/8-16 x .5OD x 2.0	1
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
34	750-0807	Spacer, .385 x .625 x .700	1
35	714-0111	Cotter Pin	1

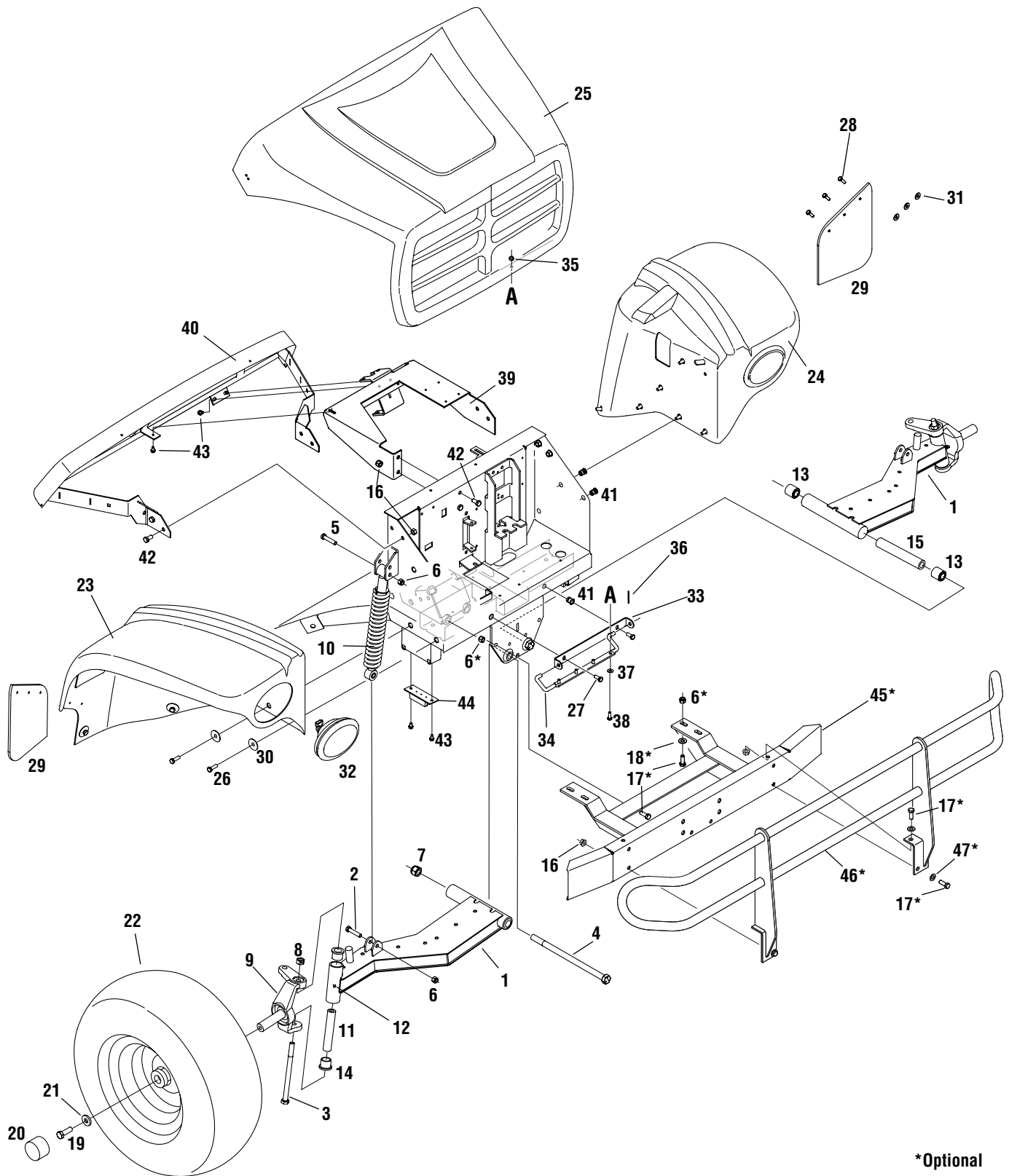
CARGO BED (MODEL 414)



CARGO BED (MODEL 414)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	607-04070	Bed Frame Assembly	1
2	731-04639A	Poly Bed	1
3	707-04353	Mud Flap Bracket	2
4	710-0216	Hex Screw, 3/8-16 x.75	6
5	710-0599	Self Tap Screw, 1/4-20 x.500	4
6	710-0859	Hex Screw, 3/8-16 x 2.50	2
7	710-3130	Hex Screw, 3/8-16 x 3.25	8
8	712-0130	Hex Lock Nut, 3/8-16	12
9	728-04004	Pop Rivet	6
10	731-04016	Bumper, Suspension	2
11	735-04043	Mud Flap	2
12	736-0235	Flat Washer,.406 x 1.26 x.17	9
13	738-3056	Shoulder Screw, 1/2 x 2.50 Lg.	3
14	607-04108	Latch Assembly	1
15	710-04166	Ball Stud, 5/16-18	2
16	712-0703A	Insert Nut. 5/16-18	2
17	714-0111	Cotter Pin	1
18	732-04109	Gas Spring, 6.91 Stroke	1
19	732-0428A	Extension Spring	1
20	736-0231	Flat Washer,.344 x 1.125 x.12	2
21	736-0300	Flat Washer,.406 x.875 x.059	2
22	607-04081	Frame, Assembly, Complete	1
23	750-0807	Spacer,.385 x.625 x.700	1
24	741-0248	Flange Bearing,.51	4
25	731-04684	Tubing Plug	2
26	750-04127	Leaf Spring Rear Spacer	4
27	607-04094	Tailgate Latch Assembly	2
28	707-04349	Kick Plate - LH	1
	707-04350	Kick Plate - RH	1
29	710-04284	Screw, 10-24 x 5/8	8
30	710-04314	Hex Screw, 5/16-18 x 2.75	2
31	710-1017	Screw, 1/4-14 x.625	4
32	710-1106	Machine Screw, #10-24 x 1.625	8
33	711-04244	Tailgate Hinge	1
34	720-0171	Knob	2
35	726-0100	Push Cap	2
36	731-04640	Tailgate	1
37	750-04323	Spacer,.315ID x.375OD x 2.25	2
38	710-3085	Hex Screw 3/8-16 x 3.50	5
39	710-0597	Hex Screw 1/4-20 x 1.00	2
40	710-1815	Cap Screw 1/4-20 x.750	2
41	746-04159	Polybed Utility Cable	1

FRONT END



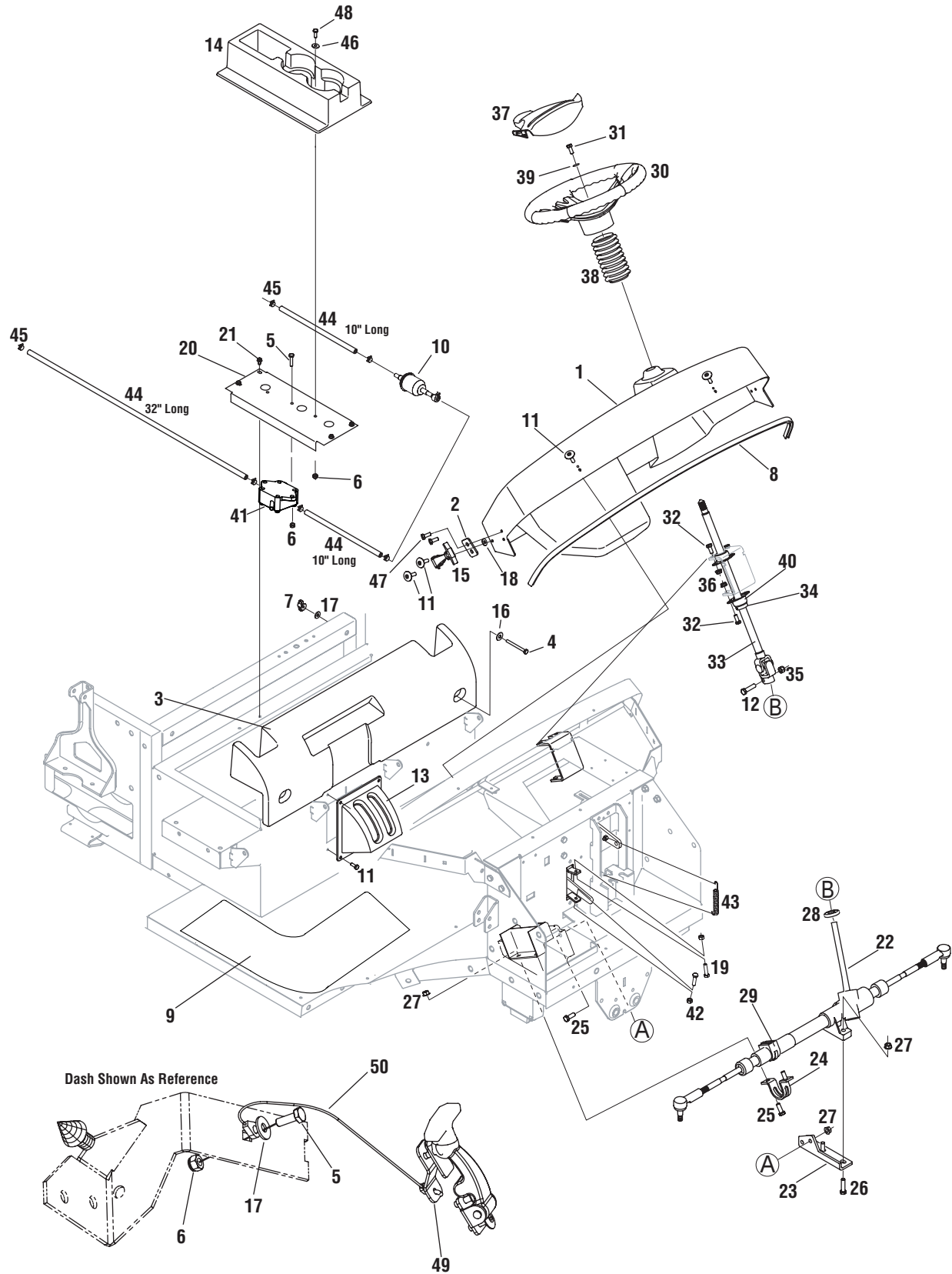
FRONT END

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	4
7	712-3016	Nut, Hex Lock, Nylon, 5/8-11, Gr5	2
8	712-3022	Nut, Hex Lock, 1/2-13	2
9	723-0618	Steering Control Knuckle, RH	1
—	723-0619	Steering Control Knuckle, LH	1
10	732-04069	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	712-0431	Flange Lock Nut, 3/8-16	6
17	710-0514†	Hex Screw, 3/8-16 x 1.0	6
18	736-0300†	Flat Washer, .406 x .875 x .059	4
19	710-04186	Hex Screw, 1/2-13 x 1.25, Gr5	2
20	731-04029	Dust Cap	2
21	736-04019	Flat Washer, .531 x 1.25 x .181	2
22	734-04142	Tire 23 x 8	2
	634-04114	Rim	2
	634-04156	Hub	2
23	731-04406	Panel Assembly, Right Fender, Yellow	1
	731-04516	Panel Assembly, Right Fender, Camo	1
24	731-04407	Panel Assembly, Left Fender, Yellow	1
	731-04517	Panel Assembly, Left Fender, Camo	1
25	731-04749	Panel Assembly, Hood, Yellow	1
	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	728-04004	Pop Rivet	6
29	735-04046	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	Head lamp 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	607-0037†	Front Bumper Assembly	1
46	607-04010†	Brush Guard	1
47	736-3050†	Washer, Flat, 406 x .810 x .051	4

†Optional - Required to Attach Brush Guard Accessory

††Additional Quantity of Six (6) Required to Attach Front Bumper Assembly

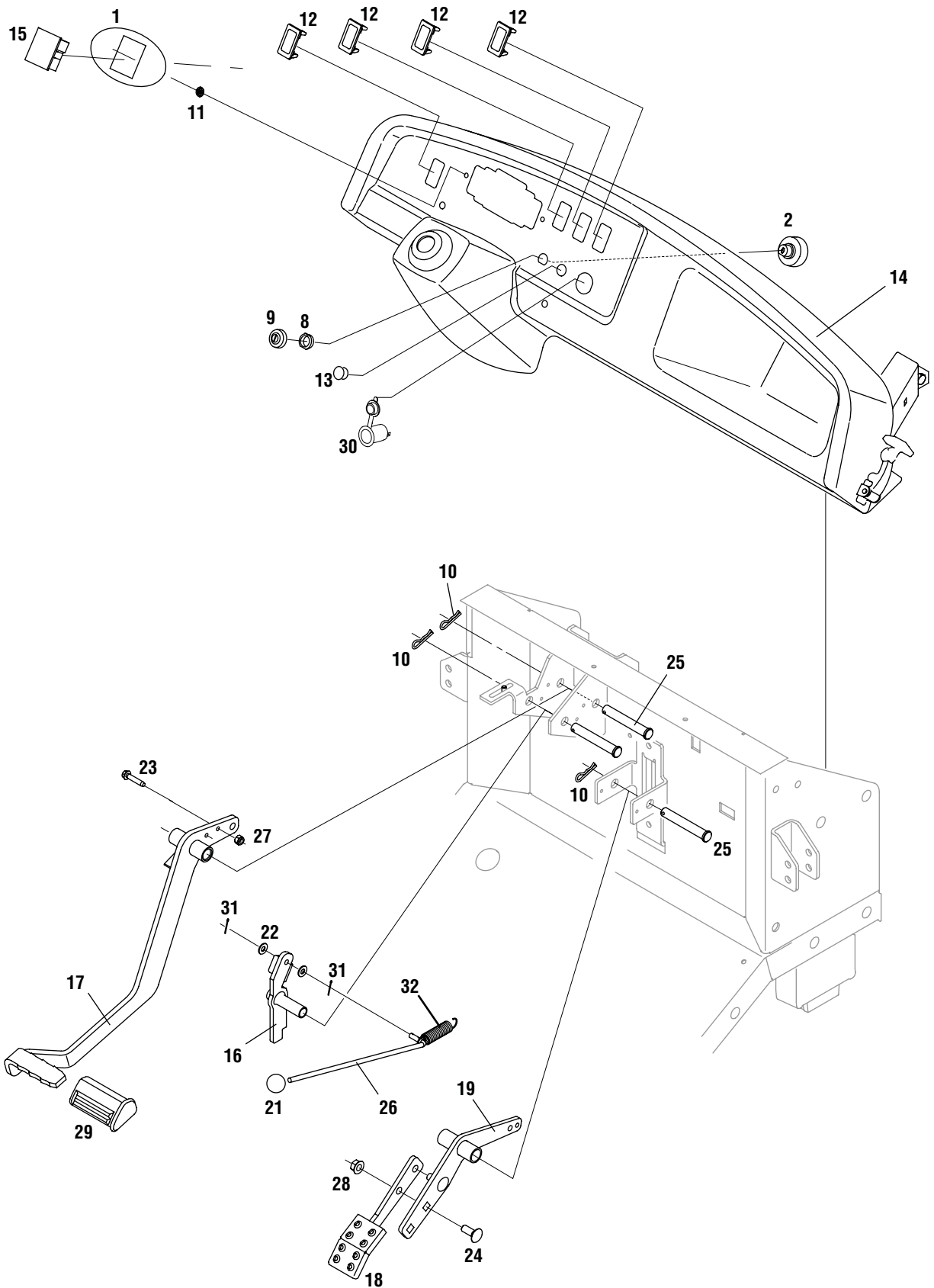
STEERING AND FUEL SYSTEM



STEERING AND FUEL SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	731-04676	Dash Panel	1
2	707-04252	Hood Mounting Plate	2
3	731-04766	Panel Cover	1
4	710-0564	Hex Screw, 1/4-20 x 2.75	2
5	710-3015	Hex Screw, 1/4-20 x .75, Gr5	2
6	712-0324	Hex Lock Nut, Nylon, 1/4-20	4
7	712-0397	Wing Nut, 1/4-20	2
8	721-04070A	Trim, Bulb Seal, 1/4	1
9	723-04019	Foot Pad, Abrasive	2
10	751-3125	Fuel Filter	1
11	728-04004	Rivet, Pop,.188	10
12	710-0347	Hex Screw, 3/8-16, 1.75, GR5	1
13	731-2953A	Panel, Shift Cover	1
14	731-2648	Console, Cup Holder	1
15	735-04038	Handle, Latch	2
16	736-0195	Flat Washer, 349 x.875 x.04	2
17	736-0173	Washer, Flat,.28 x.74 x.063	3
18	736-0400	Washer, Flat,.194 x.62 x.063	4
19	710-0528	Hex Screw, 5/16-18 x 1.25	2
20	707-04386	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	710-3094A	Hex Screw, 3/8-16, 1.00, Gr8	4
26	710-04321	Hex Screw, 3/8-16, 1.50, Gr8	2
27	712-0431	Nut, Flange Lock, 3/8-16	6
28	735-0801	Grommet, Steering Shaft	1
29	741-0763	Bushing, Rubber	1
30	631-04028	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	1
35	712-0130	Nut, Hex Lock Nylon, 3/8-16	1
36	712-3004A	Nut, Flange Lock, 5/16-18	4
37	731-04532A	Cover, Steering Wheel	1
38	731-0954	Bellow, Steering, 4.75 Lg	1
39	736-0242	Washer, Bell,.340 x.872 x.060	1
40	741-04000	Bearing, Flange,.75 ID, Self-Aligning	2
41	751-10148	Pump, Fuel	1
42	712-3010	Hex Nut, 5/16-18	2
43	732-0428A	Extension Spring	1
44	751-0535	Fuel Line Hose	54
45	726-0205	Clamp, Hose	8
46	736-0356	Washer, Bell.39 x 1.38 x.062	1
47	728-0123	Pop Rivet, 3/16 dia.x.450	2
48	710-0607	Self-tap Screw5/16-18	1
49	707-04390	Hood Cable Mount Bracket	1
50	746-04160	Hood Cable	1

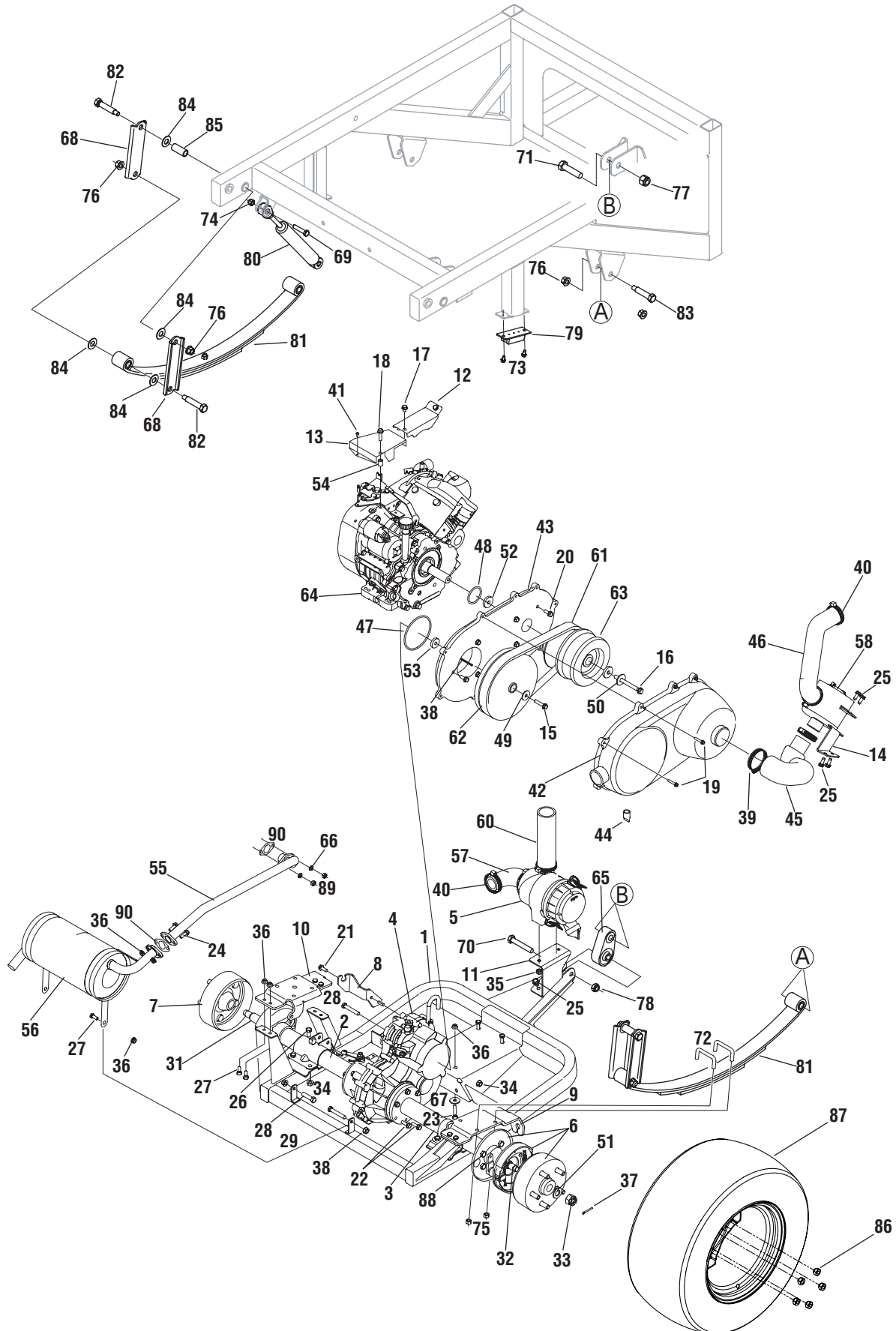
PEDALS AND DASH



PEDALS AND DASH

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	731-04755	Instrument Cover	1
2	725-3284A	Switch, Key	1
8	731-1346	Nut, Ignition Switch, 5/8-32	1
9	731-1347	Cap, Ignition Switch	1
10	714-0101	Internal Cotter Pin	3
11	726-0293	Nut, Retainer, 1/8	2
12	731-04010	Switch Panel	4
13	731-04023	Plug, Horn Switch	1
14	731-04676	Dash Panel	1
15	725-04022	Hour Meter	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
21	720-04001	Knob, Ball	1
22	736-0463	Washer, Flat .25 x .630 x .0515	2
23	710-0809	Screw, Self-Tapping, 1/4-20x1.25	1
24	710-3168	Bolt, Carriage, 3/8-16 x 1.0	2
25	711-04067	Pin, Clevis.50 x 3.25	3
26	711-1765	Rod, Brake Lock	1
27	712-0324	Nut, Hexlock, 1/4-20 GR 8	1
28	712-0431	Nut, Flange Lock, 3/8-16	2
29	735-3049A	Pad, Brake Pedal	1
30	725-2003	Rcptl, Pwr, 12V	1
31	714-0127	Pin, Cotter, 1/16	2
32	732-1187	Spring, Extension, .637 x 2.972	1

ENGINE AND TRANSMISSION ACCESSORIES



ENGINE AND TRANSMISSION ACCESSORIES

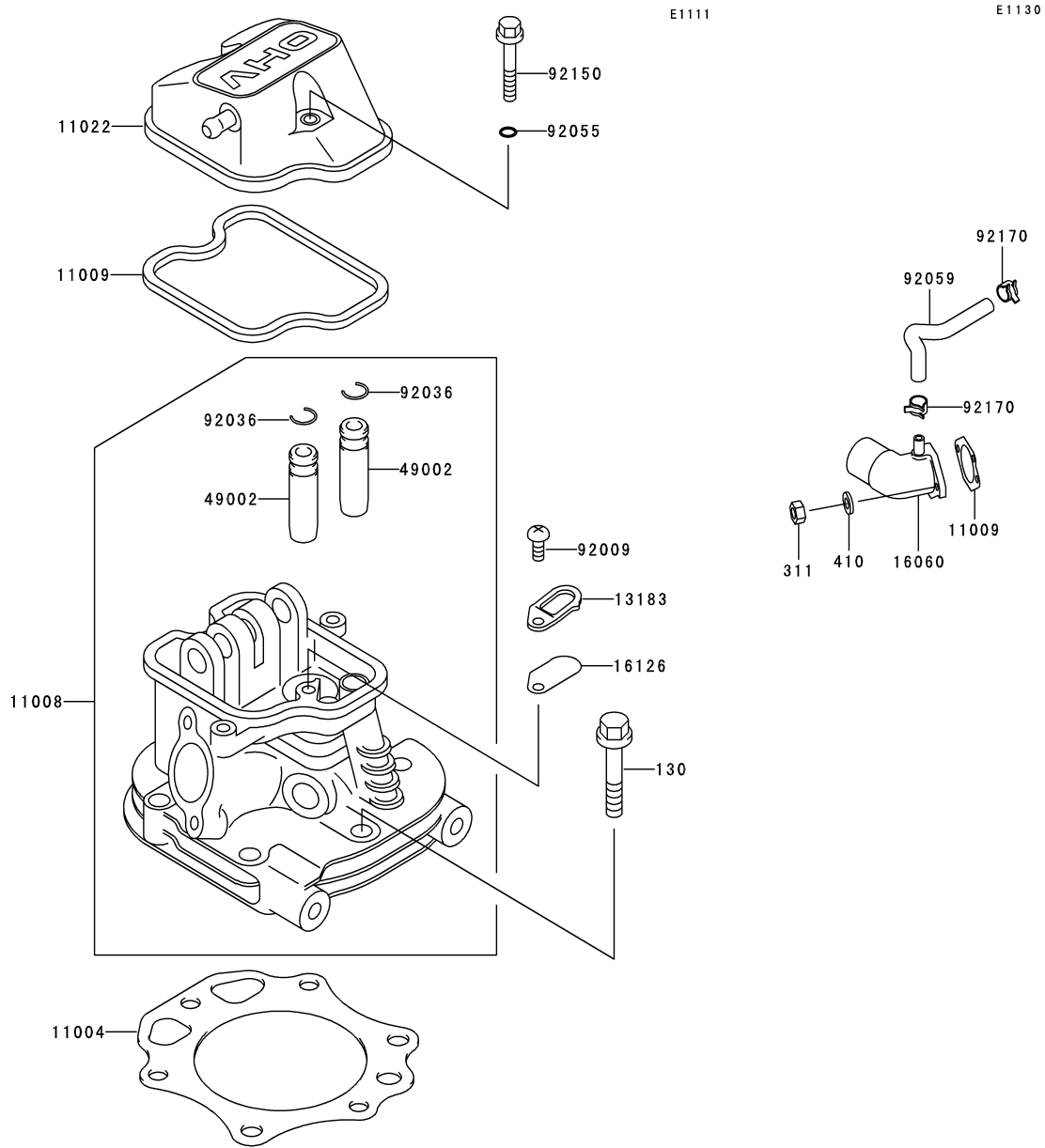
REF. NO.	PART NUMBER	DESCRIPTION	QTY	REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	607-04075	Kawasaki Cradle Assembly	1	47	735-04044	Kawasaki O-Ring	1
2	607-04089	Pipe Assembly - LH	1	48	735-04045	Kawasaki O-Ring, 50 x 4	1
3	607-04090	Pipe Assembly - RH	1	49	736-04136	Kawasaki Washer, 8.5 x 38 x 4	1
4	618-04174	Kawasaki Gear Assembly	1	50	736-04137	Kawasaki Washer, 10 x 32 x 4.5	1
5	651-04077	Kawasaki Filter Assembly	1	51	736-04144	Washer, 34MM x 18MM x 4MM	2
6	661-04010	Brake Assembly - RH	1	52	750-04306	Kawasaki Spacer w/ Key	1
7	661-04011	Brake Assembly - LH	1	53	750-04307	Kawasaki Spacer	1
8	707-04344	Transmission Bracket	1	54	750-04308	Spacer, 9 x 13 x 17.2	1
9	707-04345	Spring Mount - RH	1	55	751-10097	Kawasaki Exhaust Pipe	1
10	707-04346	Spring Mount - LH	1	56	751-10098	Kawasaki Exhaust Muffler	1
11	707-04355	Filter Bracket	1	57	751-10102	Kawasaki Air Filter Hose	1
12	707-04358	Cont: Cvr	1	58	751-10108	Air Filter	1
13	707-04359	Cont: Cvr	1	59	751-10109†	Kawasaki Reg.	1
14	707-04374A	Kawasaki Filter Bracket	1	60	751-10110	Kawasaki Airbox Hose	1
15	710-04263	Hex Screw, M8-1.25	1	61	754-04054	Kawasaki Belt	1
16	710-04264	Hex Flange Screw, M10 x 102MM	1	62	756-04116	Kawasaki Driven Pulley	1
17	710-04265	Hex Flange Screw, M8-1.25	2	63	756-04117	Kawasaki Drive Pulley	1
18	710-04267	Hex Flange Screw, 8MM x 1.125	1	64	852SFEDS09	Engine	1
19	710-04268	Hex Flange Screw, M6 x 1.00	9	-	737-04039	Transmission Oil, 80W-90	69
20	710-04269	Flange Screw, M8 x 1.125	7	65	607-04025	Link, Assembly, UD Bush	1
21	710-04272	Flange Screw, M8 x 1.125	2	66	736-04156	Lock Washer, 8MM	2
22	710-04276	Flange Screw, M8 x 1.125	12	67	736-0231	Flat Washer.344 x 1.125 x.12	4
23	710-0805	Hex Screw, 5/16-18 x 1.50	4	68	707-04119	Shackle Plate	4
24	710-1238	Hex Screw, 5/16-18 x.875	2	69	710-0347	Hex Screw, 3/8-16 x 1.75	4
25	710-0607	Screw, 5/16-18 x.500	6	70	710-04128	Hex Screw, M12-1.75 x 75MM	1
26	710-0514	Hex Screw, 3/8-16 x 1.00	8	71	710-04129	Hex Screw, 5/8-11 2.5 Lg.	1
27	710-3008	Hex Screw, 5/16-18 x.75	10	72	710-04221	OPP Transaxle U Bolt	4
28	710-3011	Hex Screw, 3/8-16 x 2.25	1	73	710-0599	Self Tap Screw, 1/4-20 x.500	4
29	710-3175	Hex Screw, M8-1.25	1	74	712-0130	Hex Lock Nut, 3/8-16	4
30	711-04262†	OPP 4X2 Shaft	1	75	712-0355	Hex Lock Nut, 3/8-24	8
31	711-04266	OPP Transmission Axle - LH	1	76	712-0459	Flange Lock Nut, 7/16-20	6
32	711-04269	OPP Transmission Axle - RH	1	77	712-3016	Hex Lock Nut, 5/8-11	1
33	712-04072	Nut, M18-1.5	2	78	712-3103	Flange Lock Nut, M12-1.75	1
34	712-04065	Flange Lock Nut, 3/8-16	9	79	731-04016	Extension Suspension Bumper	2
35	712-0690	Hex Nut, M8-1.25	2	80	732-04043	Shock Absorber, 2.50 Stroke	2
36	712-3004A	Flange Lock Nut, 5/16-18	16	81	732-04191	Leaf Spring	2
37	714-0162	Cotter Pin, 5/32 x 1.25	2	82	738-04035	Shoulder Screw,.550 x 2.290	4
38	714-04035	Kawasaki Key	1	83	738-04042	Shoulder Screw,.550 x 2.13	2
39	726-0476	Adj. Hose Clamp	4	84	741-0405	Thrust Bearing,.56 ID x 1.25OD x.06	8
40	726-0174	Adj. Hose Clamp	3	85	750-04137	Bushing,.75OD x.562ID x 1.75	2
41	728-04018	Blind Rivet	2	86	712-04071	Lug Nut, 7/16-20	10
42	731-04770	Case - RH	1	87	734-04143	Tire 23 x 10	2
43	731-04771	Case - LH	1		634-04018	Rim 12 x 5	2
44	731-04772	Boot	1	88	710-04317	Hex Screw, 10-1.25 x 16MM	8
45	731-04773	Duct	1	89	712-04080	Hex Nut, M8-1.25	2
46	731-04774	Duct	1	90	721-04104	Kawasaki Exhaust Pipe Gasket	2

†Not Shown

CABLES

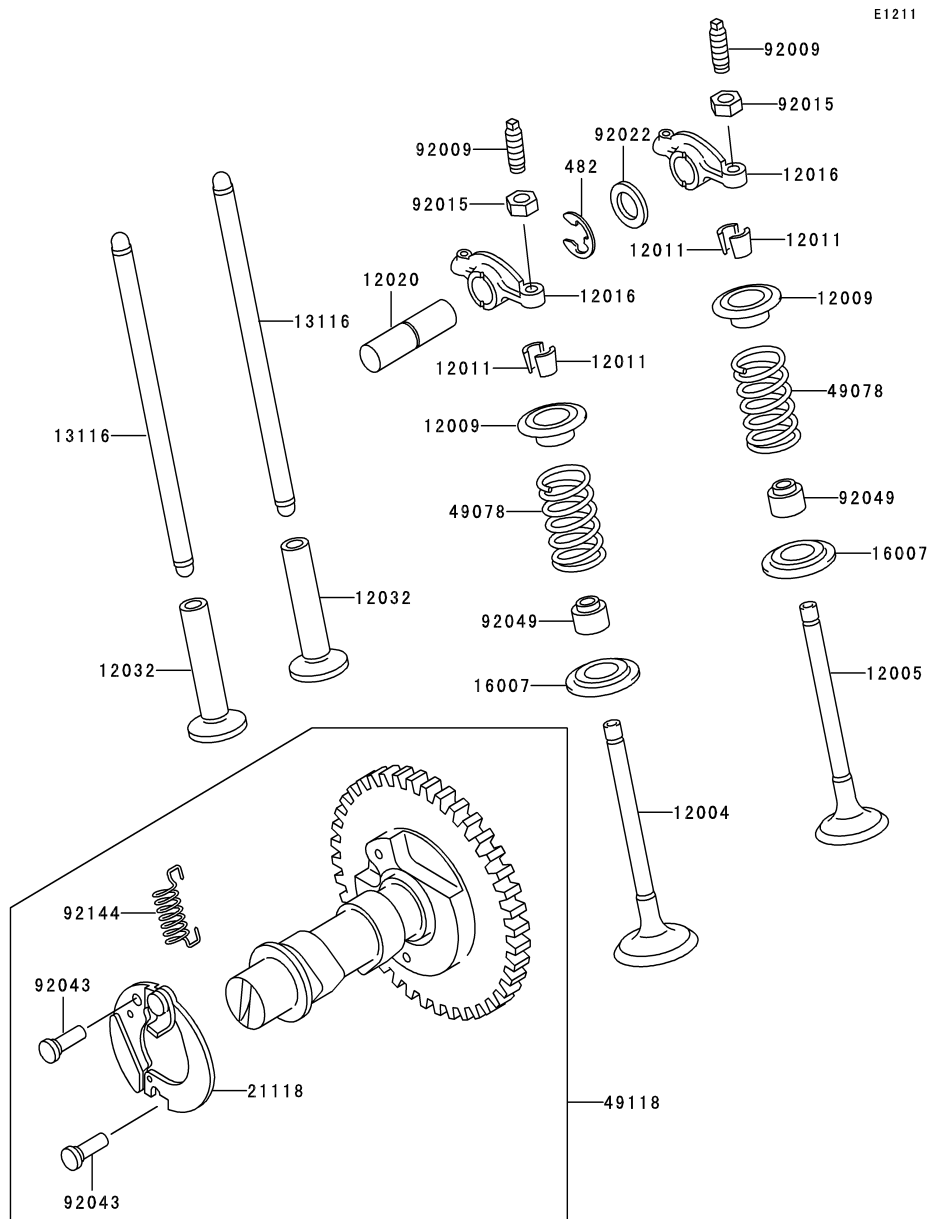
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	746-04072A	Cable, Control, Brake	1
2	707-04199	Mount,Cable	1
3	707-04200	Bracket, Equalizer	1
4	710-04027	Screw, Shoulder, .375 x .375	1
5	710-0176	Screw, 5/16-18 x 2.75	1
6	710-0599	Screw, Self-Tapping	2
8	711-0173	Pin, Clevis 375 x.969	1
9	711-04024	Pin, Clevis.625 OD x 1.37	1
10	711-0684	Pin, Clevis.25 OD x 1.0	2
11	712-3025	Nut, Jam 5/16-24	2
12	712-3010	Nut, Hex 5/16-18	1
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	716-0104	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,.53 OD x 4.75	1
23	736-0159	Washer, .349 x .879 x .063	1
25	746-04136	Cable, Control, Choke	1
26	746-04140	Cable, Control, Throttle	1
27	746-04124	Cable, Control, Brake	1
28	750-04194	Spacer,.466 OD x.443	1
29	712-0181	Nut, 3/8-16 T-Lock	1
30	725-0157	Cable Tie 3/16 x.05 x 7.4 <i>(Not Pic.)</i>	2

ENGINE — CYLINDER HEAD/AIR CLEANER



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
11004	11004-2138	Gasket-Head	1	92150	92150-2145	Bolt, 6 x 35	2
11008	11008-2158	Head-Comp-Cylinder	1	130	130T0845	Bolt-Flanged	6
11009	11009-2829	Gasket, Rocker Case	1	11004	11004-2138	Gasket-Head	1
11022	11022-6001	Case-Rocker	1	11009	11009-2925	Gasket	1
13183	13183-2299	Plate	1	16060	16060-2151	Pipe-Intake	1
16126	16126-2107	Valve	1	92059	92059-2280	Tube	1
49002	49002-2101	Guide-Valve	2	92170	92170-2082	Clamp	2
92009	92009-2308	Screw	1	311	311B0600	Nut-Hex, 6MM	2
92036	92036-023	Ring-Snap, Valve Guide	2	410	410B0600	Washer-Plain-Small,	2
92055	92055-1343	Ring-O, 5.5 x 1.5	2				

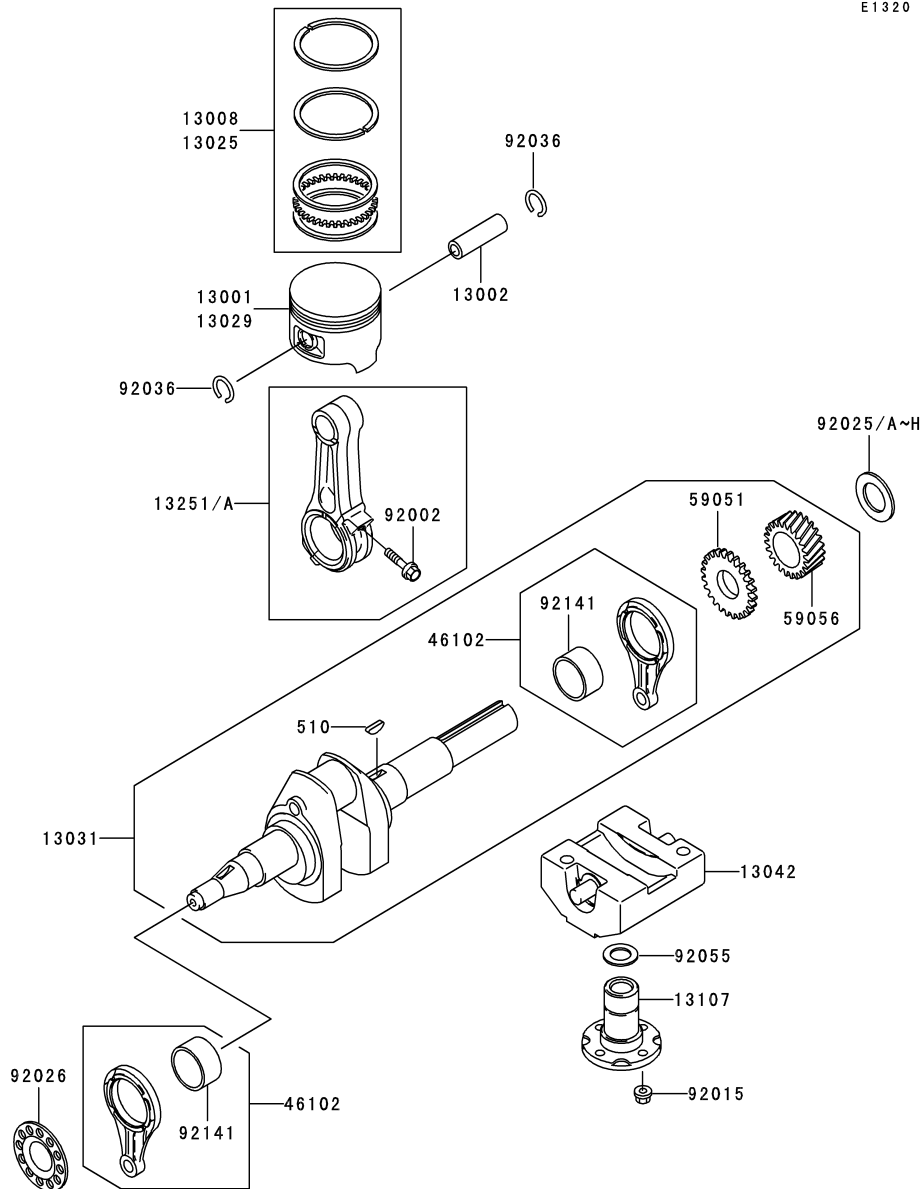
ENGINE — VALVE/CAMSHAFT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
12004	12004-2084	Valve-Intake	1	49078	49078-2060	Spring-Engine Valve	2
12005	12005-2077	Valve-Exhaust	1	49118	49118-2081	Camshaft-Comp	1
12009	12009-2060	Retainer-Valve Spring	2	92009	92009-1109	Screw, Valve Adjust	2
12011	12011-2052	Collet	4	92015	92015-1137	Nut, Valve Adjust Lock	2
12016	12016-2058	Arm-Rocker	2	92022	92022-2397	Washer, 12.1 x 19 x 1.6	1
12020	12020-2060	Shaft-Rocker	1	92043	92043-2113	Pin, 5 x 17.6	2
12032	12032-2060	Tappet	2	92049	92049-2100	Seal-Oil. VSB-7 x12 x 9.7	2
13116	13116-2054	Rod-Push	2	92144	92144-2323	Spring	1
16007	16007-2052	Seat-Spring	2	482	482J0100	Circlip-Type-E, 10MM	1
21118	21118-2089	Decompressor	1				

ENGINE — CRANKSHAFT/PISTON

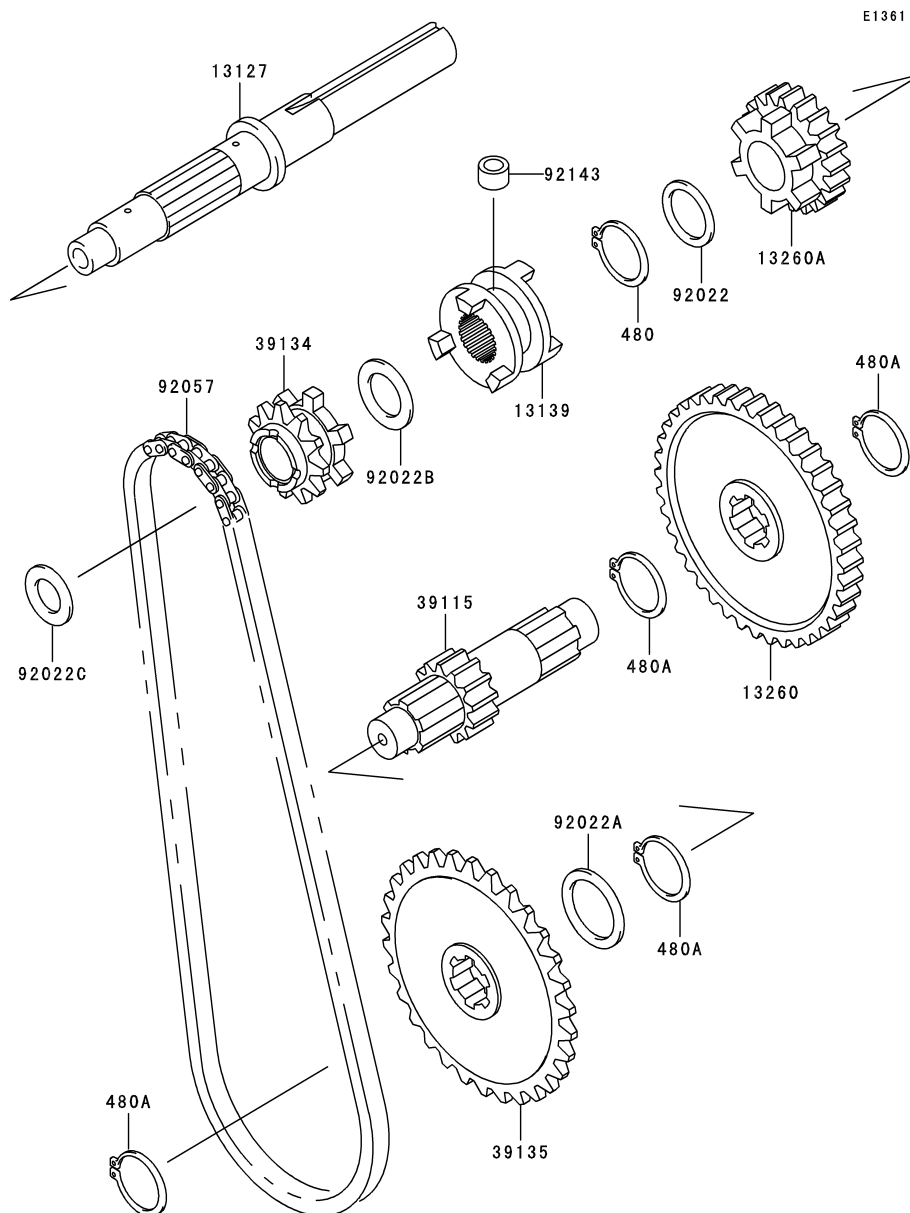
E1320



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
13001	13001-2125	Piston-Engine, Std	1	92025	92025-2168	Shim, T=1.13	AR
13002	13002-2069	Pin-Piston	1	92025A	92025-2169	Shim, T=1.18	AR
13008-	13008-6007	Ring-Set-Piston, Std	1	92025B	92025-2170	Shim, T=1.23	AR
13025	13025-2074	Ring-Set-Piston L, 0.50	AR	92025C	92025-2171	Shim, T=1.28	AR
13029	13029-2101	Piston-Engine L, 0.50	AR	92025D	92025-2172	Shim, T=1.33	AR
13031	13031-2060	Crankshaft, Comp	1	92025E	92025-2173	Shim, T=1.38	AR
13042	13042-6009	Weight	1	92025F	92025-2174	Shim, T=1.43	AR
13107	13107-2088	Shaft	1	92025G	92025-2175	Shim, T=1.48	AR
13251	13251-6034	Rod-Assy-Conn, US=0.5	AR	92025H	92025-2207	Shim, T=1.53	AR
13251A	13251-6056	Rod-Assy-Connecting	1	92026	92026-2052	Spacer	1
46102	46102-6004	Rod	2	92036	92036-008	Ring-Snap, Piston Pin	2
59051	59051-2097	Gear-Spur	1	92055	92055-2072	Ring-O	1
59056	59056-2993	Gear-Helical	1	92141	92141-2090	Bearing-Plane	2
92002	92002-2053	Bolt	2	510	510A5100	Key-Woodruff	1
92015	92015-1193	Nut, Flanged,6MM	4				

AR=As Required

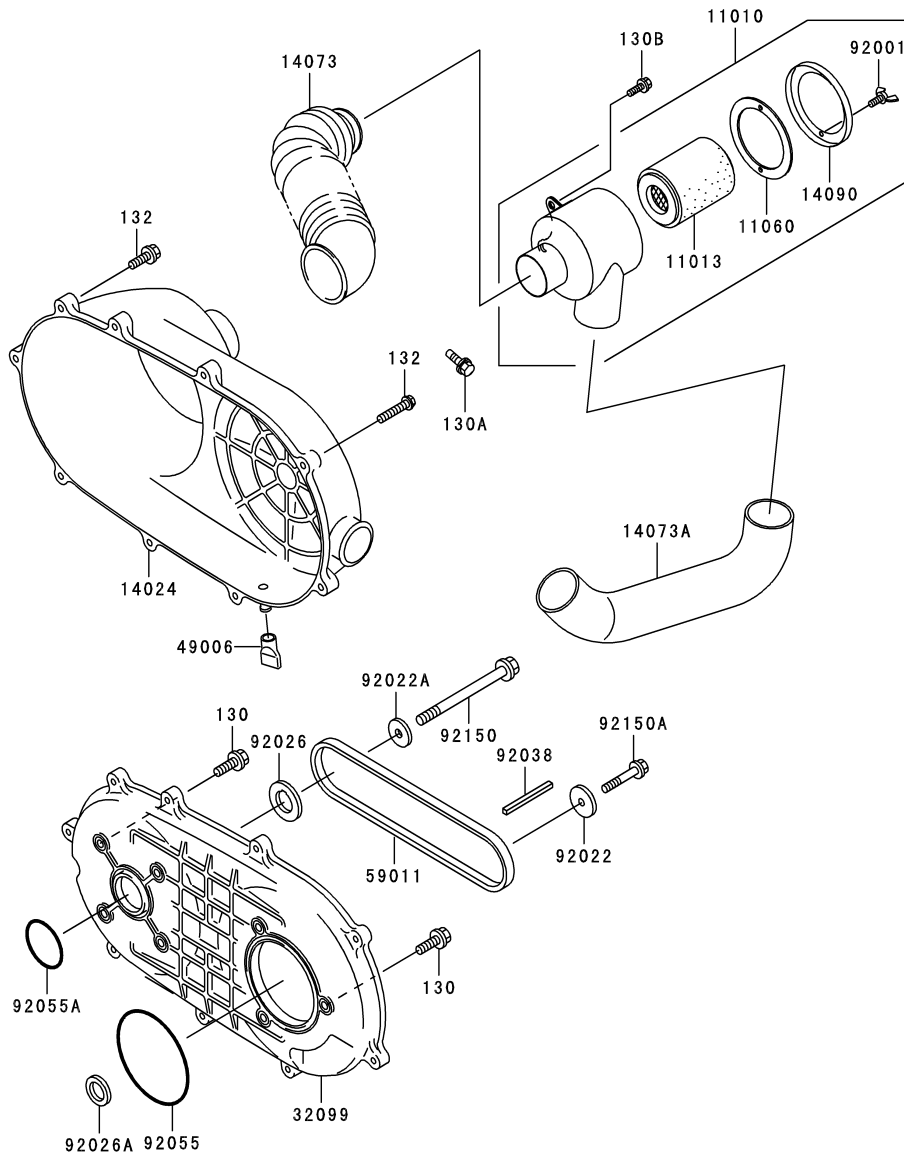
ENGINE — TRANSMISSION



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
13127	13127-1203	Shaft-Transmission Input	1	92022A	92022-1626	Washer, 28.3 x 34 x 0.3	1
13139	13139-1070	Shifter	1	92022B	92022-1723	Washer, 22.3 x 35 x 2.0	1
13260	13260-1152	GearOutput Forward,55T	1	92022C	92022-270	Washer, 17.3 x 30 x 1.4	1
13260A	13260-1336	Gear, Input Forward, 24T	1	92057	92057-1349	Chain, Reverse	1
39115	39115-1070	Shaft,Output Reduct.13T	1	92143	92143-1497	Collar, 8 x 14 x 10.5	1
39134	39134-1054	Sprocket, Drive, 19T	1	480	480J2500	Circlip-Type-C, 25MM	1
39135	39135-1053	Gear, 51T	1	480A	480J2800	Circlip-Type-C, 28 MM	4
92022	92022-1109	Washer, 25.3 x 33 x 1	1				

ENGINE — CONVERTER COVER/DRIVE BELT

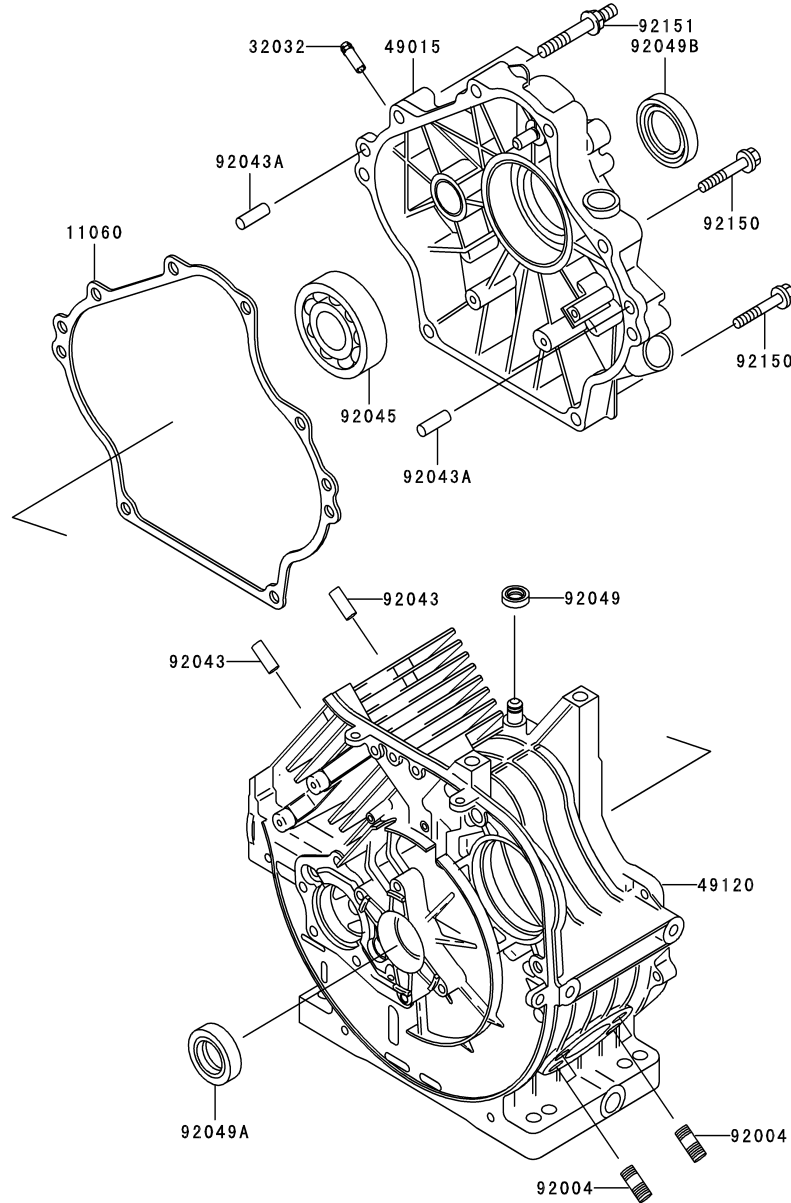
E1393



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
11010	11010-1735	Filter-Ass'y-Air	1	92022A	92022-1641	Washer, 10 x 32 x 4.5	1
11013	11013-1263	Element-Air Filter	1	92026	92026-1395	Spacer	1
11060	11060-1975	Gasket, Air Filter Case	1	92026A	92026-1396	Spacer	1
14024	14024-1981	Cover, Belt Converter	1	92038	92038-1053	Key	1
14073	14073-1492	Duct, Belt Converter	1	92055	92055-1486	Ring-O	1
14073A	14073-1681	Duct, Air Filter	1	92055A	92055-1501	Ring-O, 50 x 4	1
14090	14090-1766	Cover, Air Filter	1	92150	92150-1441	Bolt, 10 x 102	1
32099	32099-1125	Case, Belt Converter	1	92150A	92150-1687	Bolt, 8 x 40	1
49006	49006-1199	Boot	1	130	130D0820	Bolt - Flanged	7
59011	59011-1071	Belt	1	130A	130J0616	Bolt-Flanged,6X16,Black	2
92001	92001-1703	Bolt, Wing, 6 x 15	2	130B	130J0816	Bolt-Flanged,8X16,Black	2
92022	92022-1633	Washer, 8.5 x 36 x 4	1	132	132J0630	Bolt-Flanged-Small	9

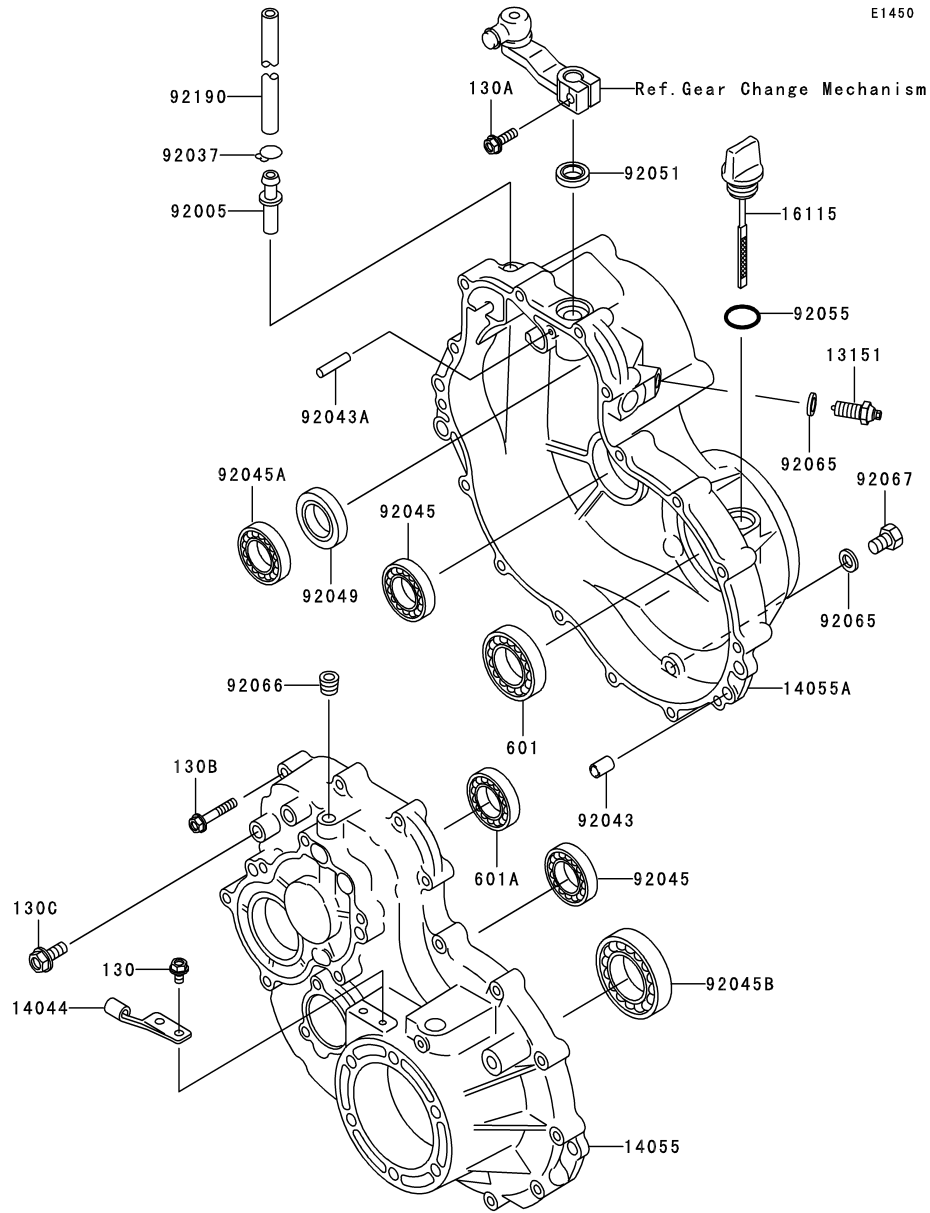
ENGINE — CRANKCASE

E1411



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
11060	11060-2122	Gasket,Crankcase Cover	1	92045	92045-2168	Bearing-Ball,6306JRCM	1
32032	32032-3001	Pipe, Pulse	1	92049	92049-2097	Seal-Oil, VC-6X10X2.5	1
49015	49015-6264	Cover, Crankcase	1	92049A	92049-2199	Seal-Oil	1
49120	49120-2211	Crankcase-Comp	1	92049B	92049-2220	Seal-Oil	1
92004	92004-2083	Stud, 6 x 14	4	92150	92150-2252	Bolt, 8 x 45	6
92043	92043-1037	Pin, Dowel, 10 x 14	2	92151	92151-2060	Bolt	2
92043A	92043-1263	Pin, 6.2 x 8 x 14	2				

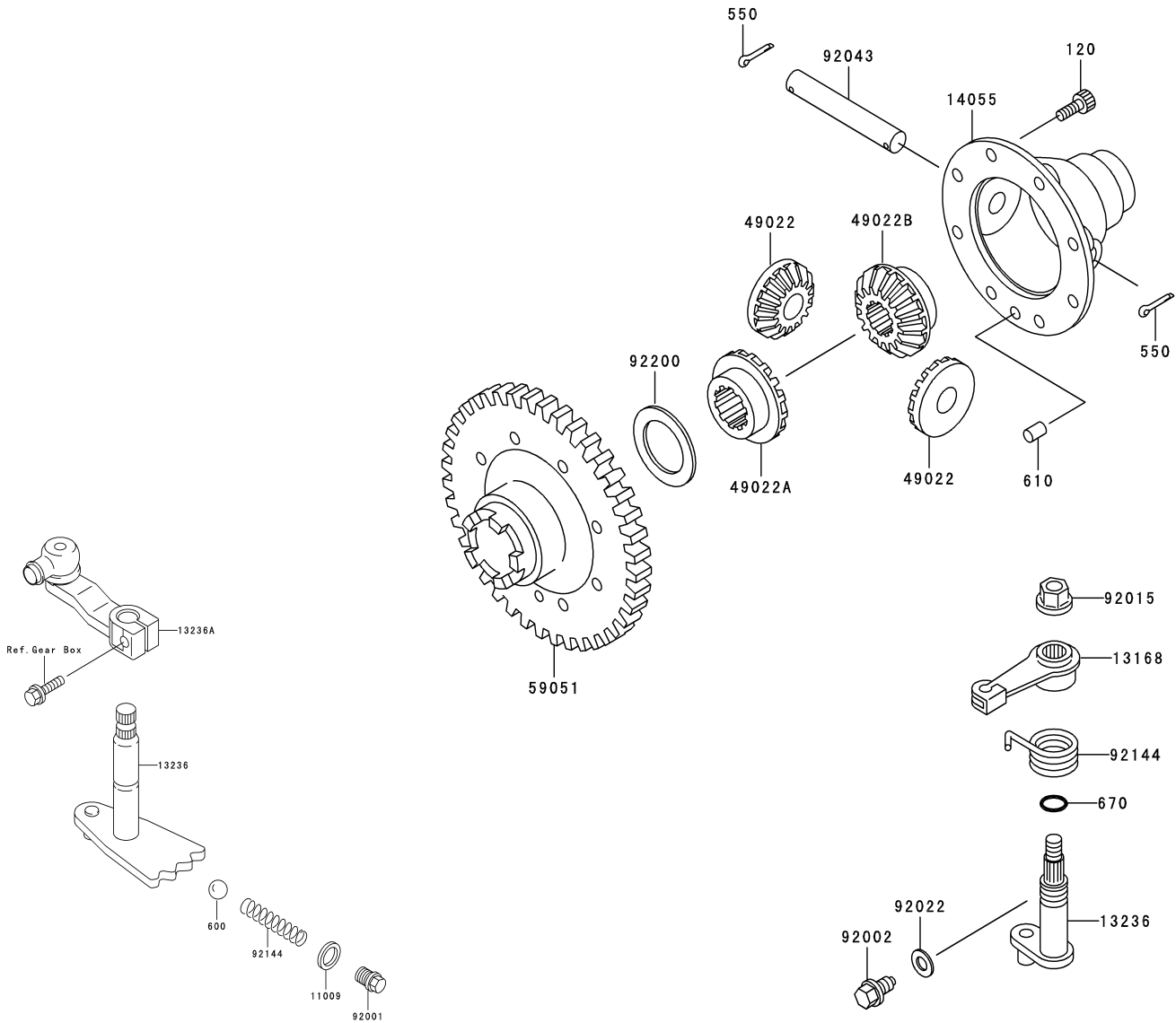
ENGINE — GEAR BOX



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
13151	13151-1069	Switch-Comp, Neutral	1	92051	92051-005	Seal-Oil, TB13225.5	1
14044	14044-1061	Holder-Cable	1	92055	92055-2185	Ring-O, 20MM	1
14055	14055-1096	Case-Gear, LH	1	92065	92065-058	Gasket, 10.5 x 16 x 1	2
14055A	14055-1097	Case-Gear, RH	1	92066	92066-1227	Plug, PT 1/8 x 7	1
16115	16115-1060	Cap-Oil Filler	1	92067	92067-001	Plug, Drain, 10 x 12	1
92005	92005-1127	Fitting, Breather	1	92190	92190-3807	Tube	1
92037	92037-1505	Clamp, Tube	1	130	130D0610	Bolt-Flanged	2
92043	92043-1263	Pin, 6.2 x 8 x 14	2	130A	130H0620	Bolt-Flanged	1
92043A	92043-1415	Pin	1	130B	130H0635	Bolt-Flanged, 6 x 35	16
92045	92045-1032	Bearing-Ball, #6204	2	130C	130H0820	Bolt-Flanged, 8 x 20	2
92045A	92045-1200	Bearing-Ball, 6205CM	1	601	601B6008	Bearing-Ball	1
92045B	92045-1213	Bearing-Ball, 6210CM	1	601A	601B6303U	Bearing-Ball	1
92049	92049-2014	Seal-Oil	1				

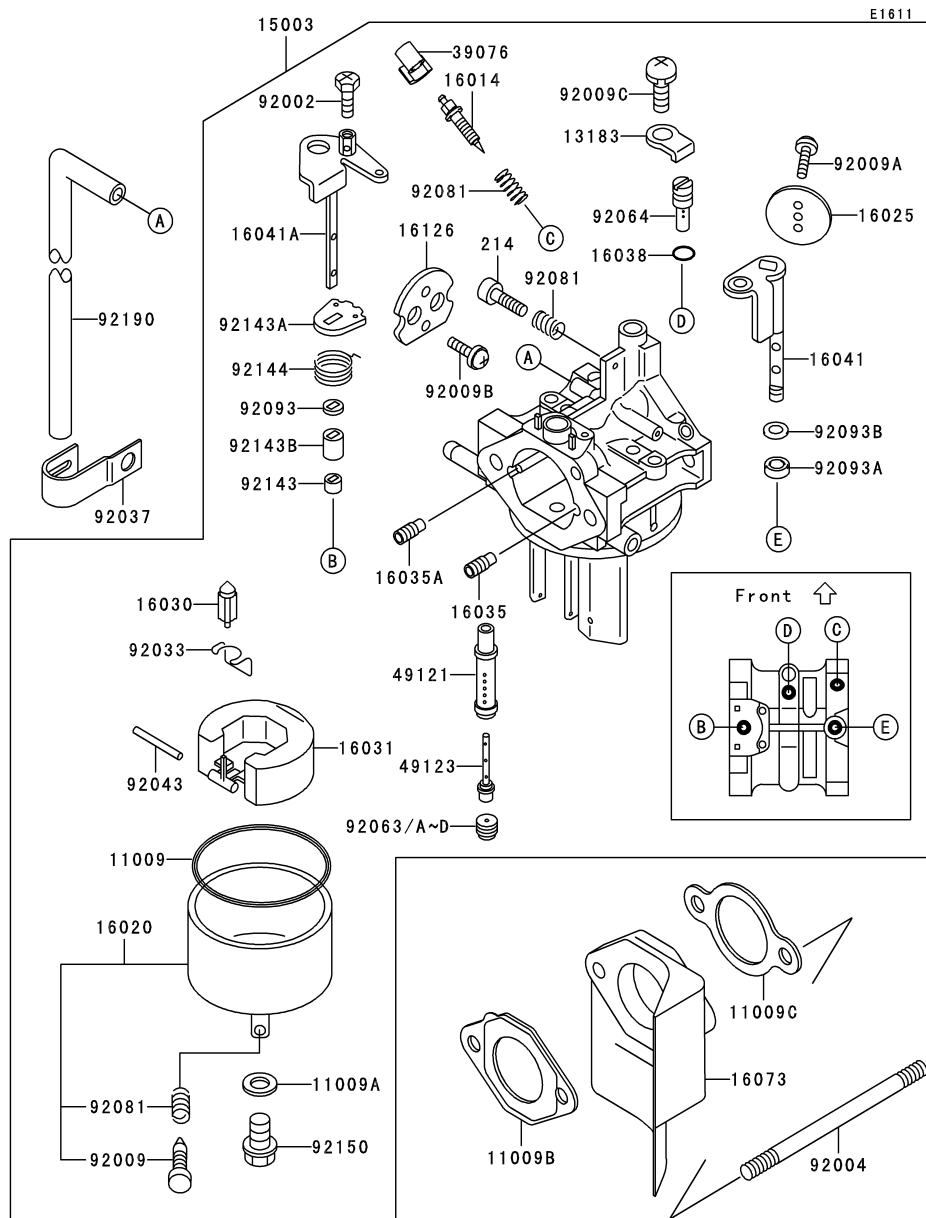
ENGINE — DIFFERENTIAL/GEAR CHANGE MECHANISM

E1451



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
13168	13168-1523	Lever, Diff Lock	1	92200	92200-1077	Washer	1
13236	13236-1219	Lever-Comp, Diff Lock	1	120	120P0820	Bolt-Socket, 8 x 20	8
14055	14055-1098	Case-Gear, Differential	1	550	550D2520	Pin-Cotter, 2.5 x 20	2
49022	49022-1105	Gear-Bevel, 10T	2	610	610A0812	Roller, 8 x 12	1
49022A	49022-1117	Gear-Bevel, 16T	1	670	670B2010	O Ring, 10MM	1
49022B	49022-1120	Gear-Bevel, 16T	1	11009	11009-1008	Gasket, 15.5 x 22 x 1	1
59051	59051-1239	Gear, Differential, 67T	1	13236	13236-1218	Lever-Comp, Change	1
92002	92002-1962	Bolt, Decompressor	1	13236A	13236-1363	Lever-Comp	1
92015	92015-1406	Nut, Flanged, 8MM	1	92001	92001-1037	Bolt, Neutral Position	1
92022	92022-077	Washer, 6.1 x 12 x 1	1	92144	92144-1551	Spring	1
92043	92043-1458	Pin, Bevel Gear	1	600	600A1300	Ball-Steel, 13/32"	1
92144	92144-1198	Spring, Lock Lever	1				

ENGINE — CARBURETOR

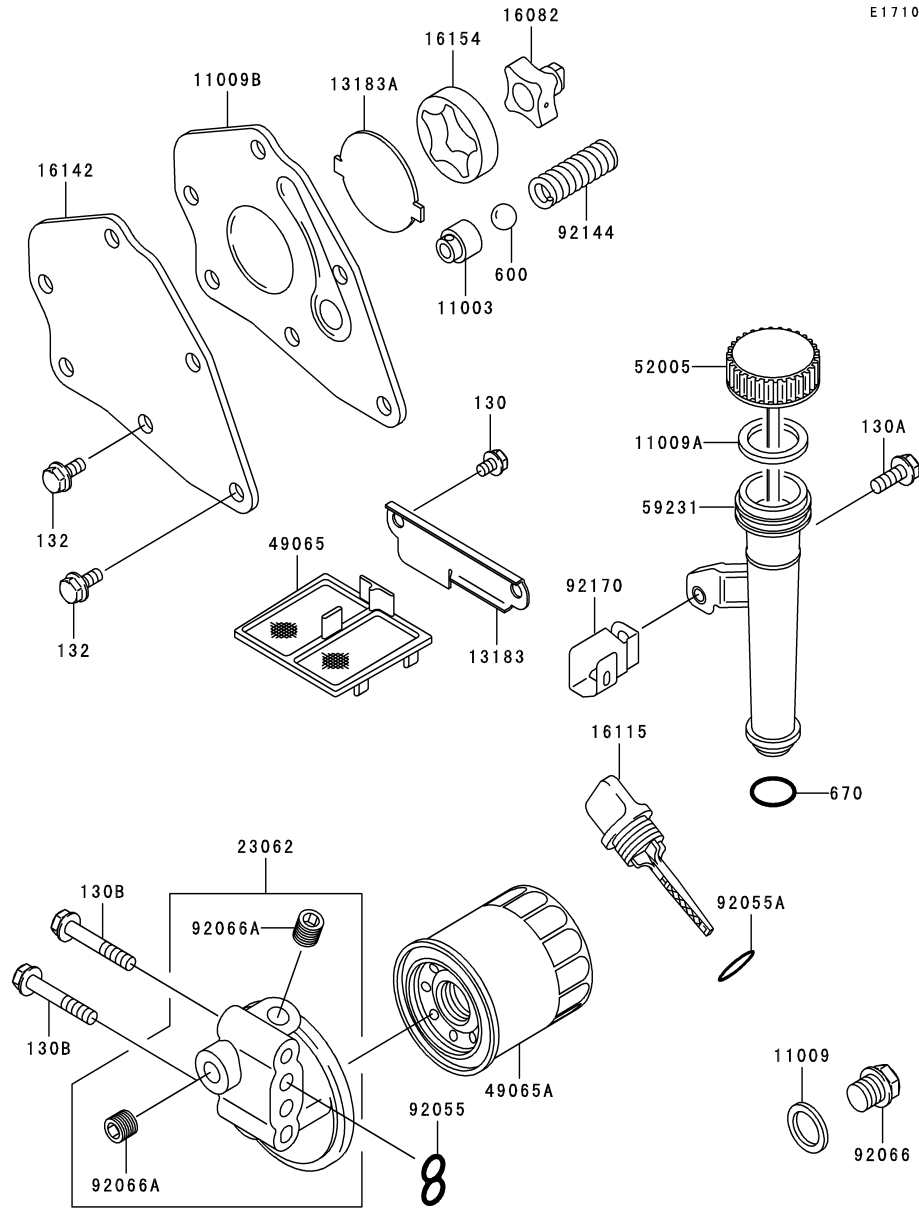


ENGINE — CARBURETOR

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
11009	11009-2024	Gasket, Float Chamber	1	92009A	92009-2080	Screw, Throttle Valve	2
11009A	11009-2025	Gasket	1	92009B	92009-2081	Screw, Choke Valve	2
11009B	11009-2827	Gasket, Carburetor	1	92009C	92009-2244	Screw	1
11009C	11009-2939	Gasket, Insulator	1	92033	92033-2067	Ring-Snap	1
13183	13183-2252	Plate	1	92037	92037-2081	Clamp	1
15003	15003-2589	Carburetor, Ass'y.	1	92043	92043-2006	Pin, Float	1
16014	16014-2076	Screw-Pilot Air	1	92063	92063-2316 Option	Jet-Main, #102.5	1
16020	16020-2005	Chamber-Float	1	92063A	92063-2317 Option	Jet-Main, #100	1
16025	16025-2165	Valve-Throttle, #165	1	92063B	92063-2318 Option	Jet-Main, #97.5	1
16030	16030-2073	Valve-Float	1	92063C	92063-2330 Option	Jet-Main, #105	1
16031	16031-2066	Float	1	92063D	92063-2331 Option	Jet-Main, 107.5	1
16035	16035-2056	Jet-Air, #1.8	1	92064	92064-2118	Jet-Pilot, #40	1
16035A	16035-2062	Jet-Air, # 1.3	1	92081	92081-2009	Spring	3
16038	16038-024	Gasket, Pilot Jet	1	92093	92093-2081	Seal	1
16041	16041-2203	Shaft-Carburetor,Throttle	1	92093A	92093-2082	Seal	1
16041A	16041-2209	Shaft-Carburetor, Choke	1	92093B	92093-2083	Seal	1
16073	16073-2154	Insulator	1	92143	92143-2132	Collar	1
16126	16126-2207	Valve, Choke	1	92143A	92143-2133	Collar	1
39076	39076-2053	Limiter	1	92143B	92143-2134	Collar	1
49121	49121-2214	Nozzle-Main	1	92144	92144-2269	Spring	1
49123	49123-2079	Holder-Main Jet	1	92150	92150-2146	Bolt	1
92002	92002-2008	Bolt	1	92190	92190-2051	Tube, 6 x 10 x 175	1
92004	92004-2125	Stud, 6 x 80	2	214	214B0414	Screw-Pan+-	1
92009	92009-2015	Screw, Drain	1				

ENGINE — OIL PUMP/ OIL FILTER

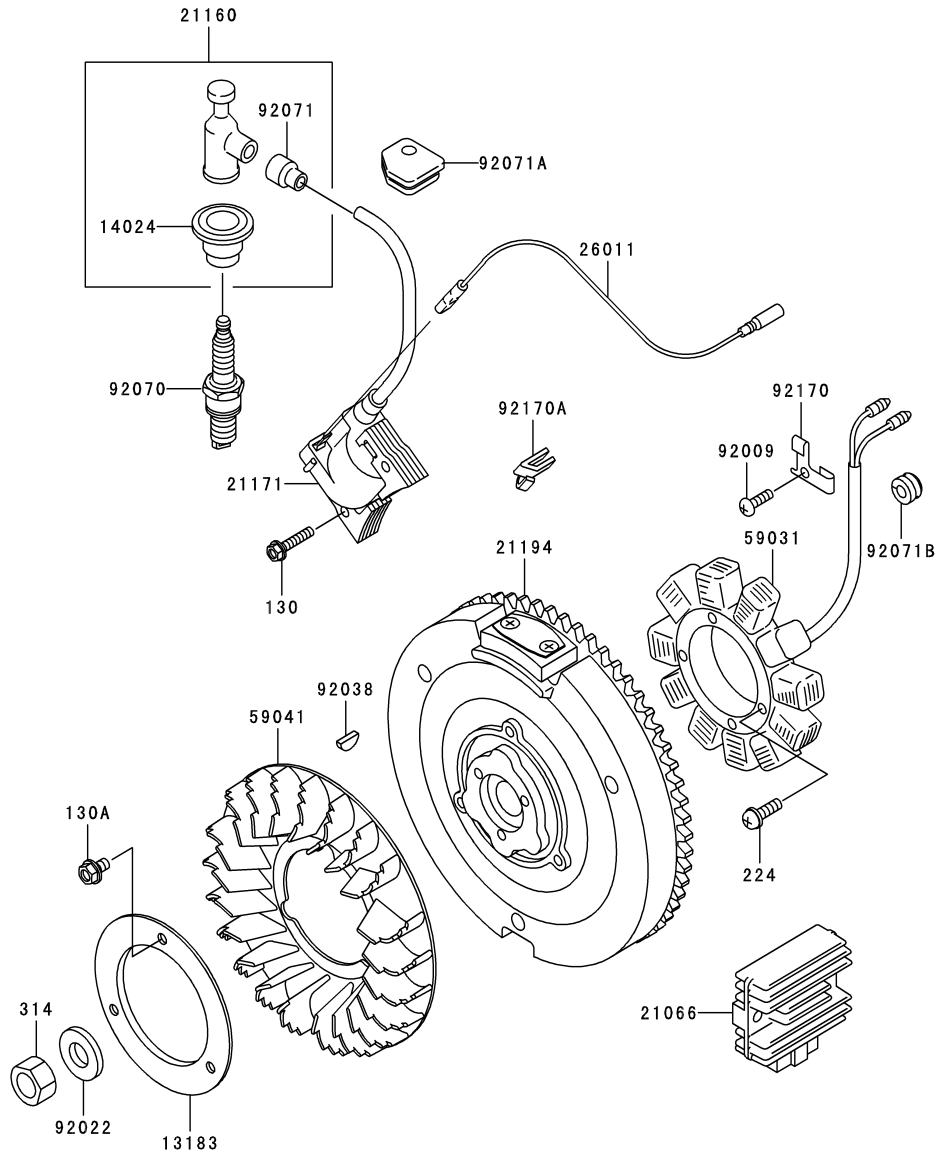
E1710



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
11003	11003-2089	Seat-Valve	1	59231	59231-2072	Filler	1
11009	11009-2175	Gasket	1	92055	92055-2063	Ring-O	1
11009A	11009-2346	Gasket, Oil Gauge	1	92055A	92055-2185	Ring-O, 20MM	1
11009B	11009-2828	Gasket, Oil Pump	1	92066	92066-2203	Plug	1
13183	13183-2295	Plate, Oil Filter	1	92066A	92066-2211	Plug	2
13183A	13183-2298	Plate, Oil Pump	1	92144	92144-2202	Spring	1
16082	16082-2062	Pump-Ass'y-Oil	1	92170	92170-2018	Clamp	1
16115	16115-2079	Cap-Oil Filler	1	130	130B0508	Bolt-Flanged, 5 x 8	2
16142	16142-2062	Cover-Pump	1	130A	130B0616	Bolt-Flanged, 6 x 16	1
16154	16154-2054	Rotor-Pump, Out	1	130B	130G0640	Bolt-Flanged, 6 x 40	2
23062	23062-6004	Bracket-Comp	1	132	132G0612	Bolt-Flanged-Small	6
49065	49065-2068	Filter-Oil	1	600	600A1000	Ball-Steel, 5/16"	1
49065A	49065-2071	Filter-Oil	1	670	670D2016	O Ring, 16MM	1
52005	52005-2113	Gauge	1				

ENGINE — GENERATOR/ IGNITION COIL

E1811



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
13183	13183-2407	Plate	1	92070	92070-2077	Plug-Spark, BPR5ES - (NGK)	1
14024	14024-2234	Cover	1	92071	92071-2008	Grommet	1
21066	21066-2004	Regulator-Voltage	1	92071A	92071-2112	Grommet	1
21160	21160-2051	Cap-Ass'y.-Plug	1	92071B	92071-2125	Grommet	1
21171	21171-2207	Coil-Ass'y.-Ignition	1	92170	92170-2016	Clamp	1
21194	21194-2334	Flywheel-Comp	1	92170A	92170-2017	Clamp	1
26011	26011-2333	Wire-Lead, L=300	1	130	130B0525	Bolt-Flanged	2
59031	59031-2097	Coil-Charging	1	130A	130G0610	Bolt-Flanged, 6 x 10	3
59041	59041-2088	Fan	1	224	224B0620	Screw-Pan-WP-CROS	4
92009	92009-2308	Screw	1	314	314G1600	Nut-Hex-Fine	1
92022	92022-2205	Washer	1				
92038	92038-2094	Key, Woodruff	1				

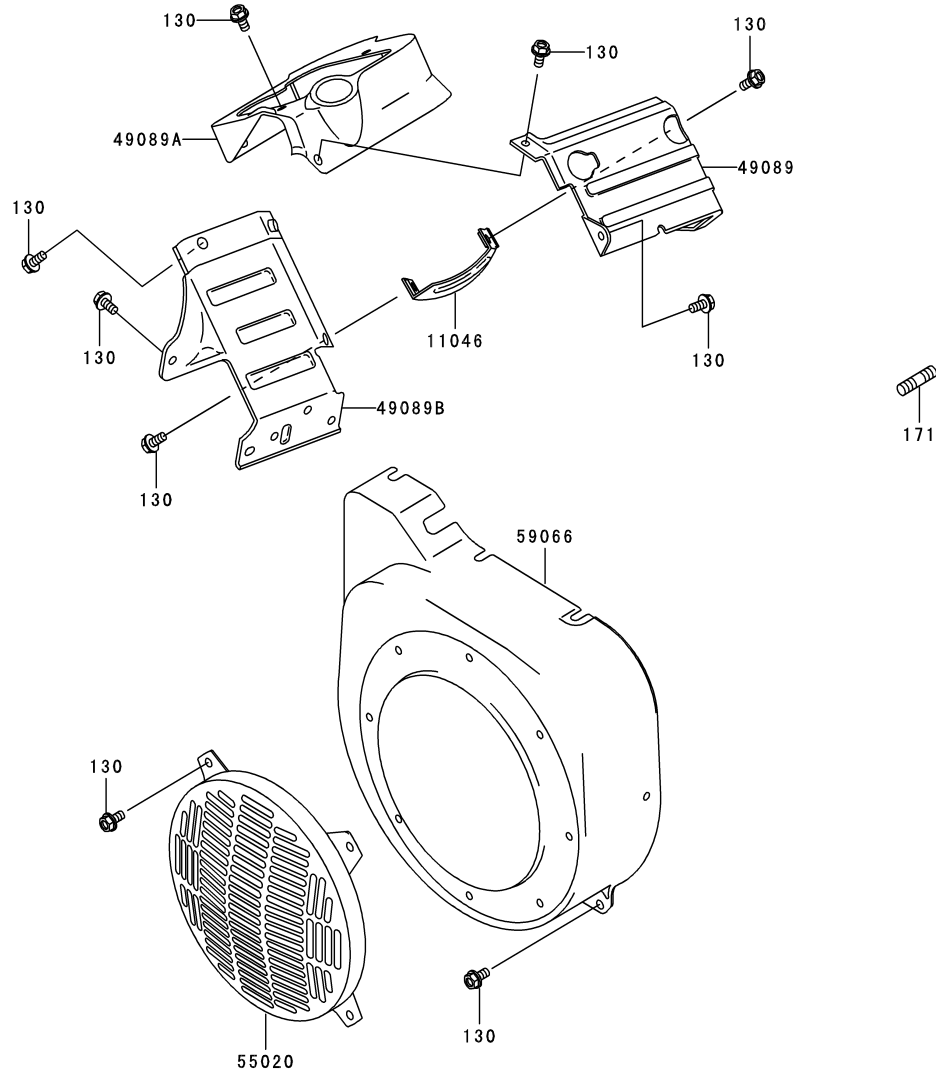
Exploded view diagram of a motor assembly. The diagram shows the following components and their part numbers:

- 21163 (Main assembly housing)
- 130 (Screw)
- 27010 (Motor unit)
- 461 (Screw)
- 317 (Screw)
- 92015A (Screw)
- 13081 (Gear assembly)
- 92033 (Screw)
- 32085 (Screw)
- 21080 (Shaft)
- 13168 (Bracket)
- 92015 (Screw)
- 16146A (Motor housing)
- 21040 (Spring)
- 16073 (Gear assembly)
- 21040 (Spring)
- 13091 (Bracket)
- 21039 (Bracket)
- 16146 (Motor housing)
- 92002 (Screw)

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
13081	13081-2164	Clutch-Ass'y.	1	27010	27010-2122	Switch	1
13091	13091-2068	Holder, Brush	1	32085	32085-2097	Stopper	1
13168	13168-2148	Lever, Shift	1	92002	92002-2277	Bolt	2
16073	16073-2098	Insulator	1	92015	92015-2146	Nut	2
16146	16146-2164	Cover-Ass'y., RR	1	92015A	92015-2147	Nut	1
16146A	16146-2191	Cover-Ass'y., FR	1	92033	92033-2081	Ring-Snap	1
21039	21039-2059	Brush	4	130	130G0825	Bolt-Flanged, 8 x 25	2
21040	21040-2052	Spring-Brush	4	317	317B0800	Nut-Hex-Small, 8MM	1
21080	21080-2064	Armature	1	461	461F0800	Washer-Spring, 8MM	1
21163	21163-2109	Starter-Electric	1				

ENGINE — ENGINE SHROUDS/ MUFFLER BOLT

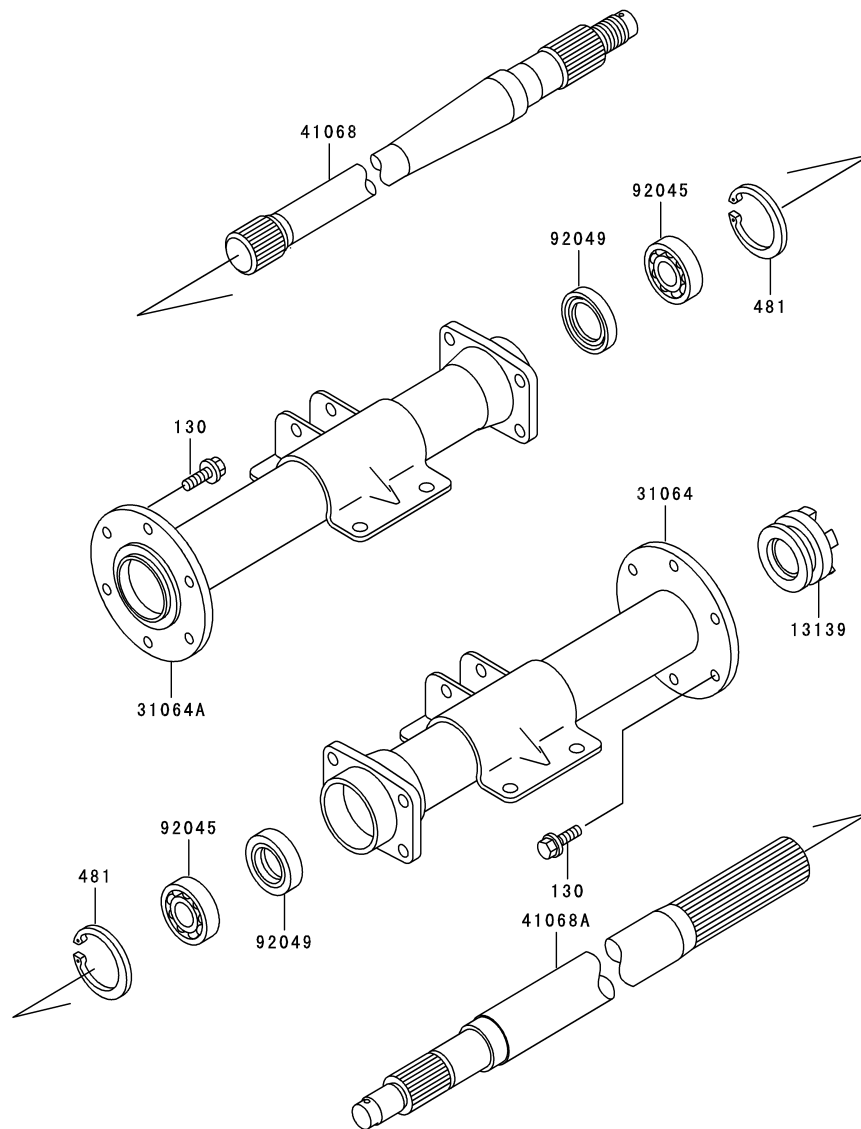
E3036



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
11046	11046-2103-9H	Bracket, F. Black	1
49089	49089-2292-9H	Shroud-Engine, F. Black	1
49089A	49089-2293-9H	Shroud-Engine, F. Black	1
49089B	49089-2294-9H	Shroud-Engine, F. Black	1
55020	55020-2089-9H	Guard, F. Black	1
59066	59066-2562-9H	Housing-Fan, F. Black	1
130	130G0612	Bolt-Flanged, 6 x 12	23
171	171G0820	Bolt-Muffler-Stud	2

ENGINE — REAR AXLE

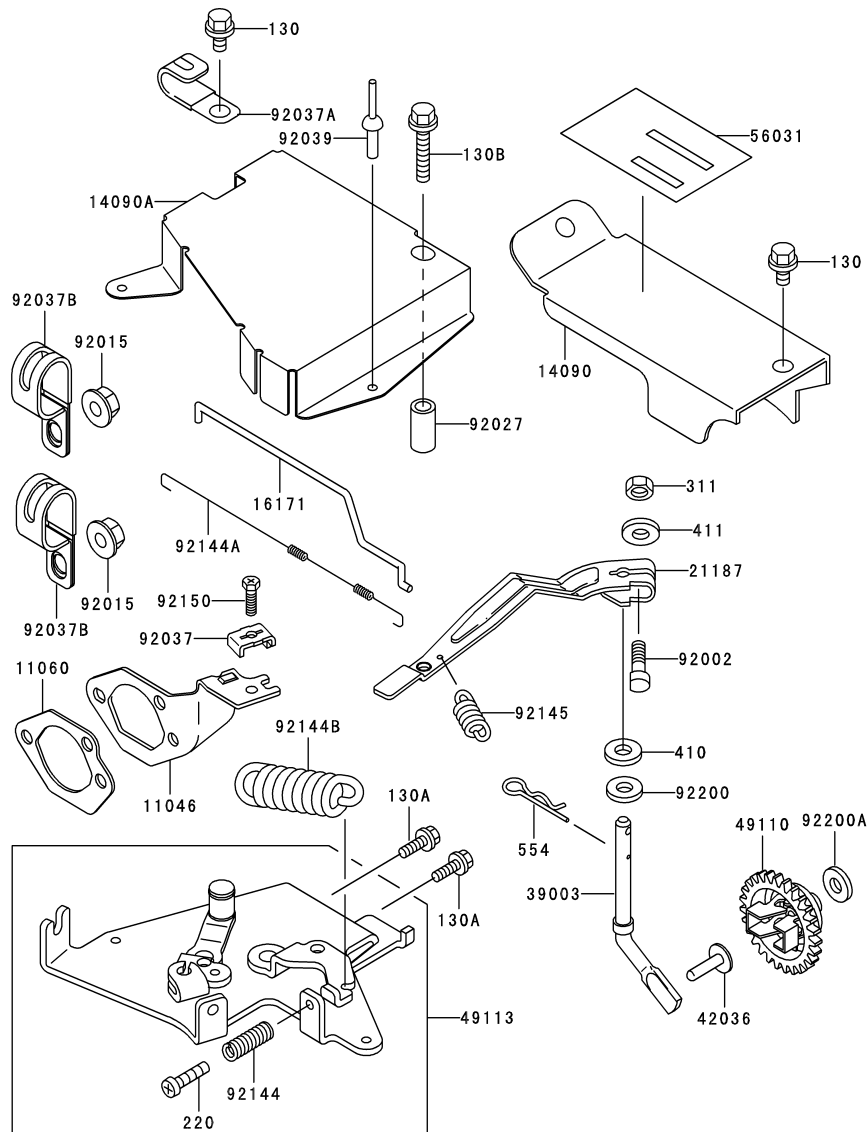
E3133



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
13139	13139-1071	Shifter	1
31064	31064-1118	Pipe-Comp, LH	1
31064A	31064-1119	Pipe-Comp, RH	1
41068	41068-1245	Axle, RH	1
41068A	41068-1324	Axle, LH	1
92045	92045-1229	Bearing-Ball, 6205DDU	2
92049	92049-1236	Seal-Oil, SO30428	2
130	130H0825	Bolt-Flanged, 8 x 25	12
481	481J5200	Circlip	2

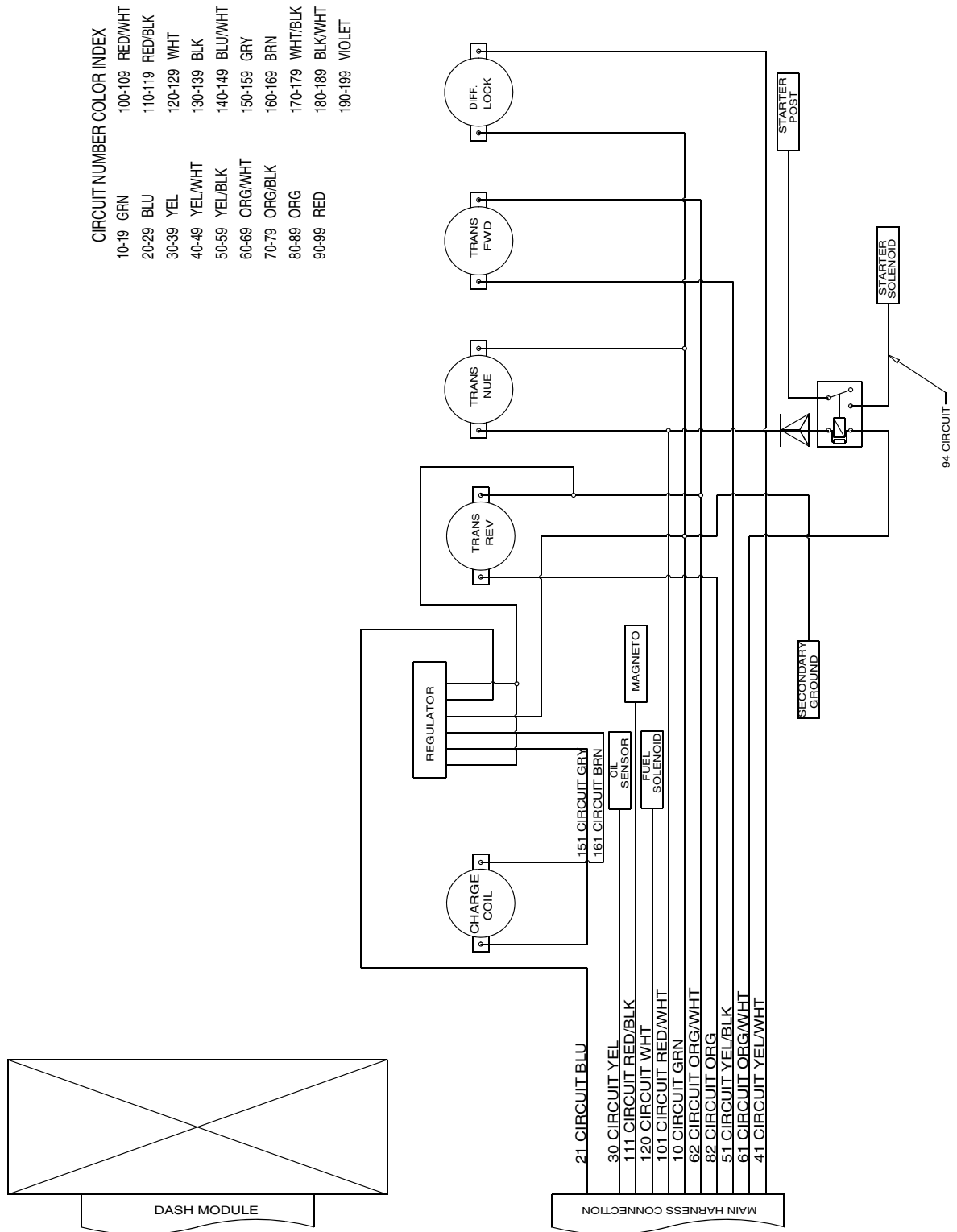
ENGINE — CONTROL

E7110

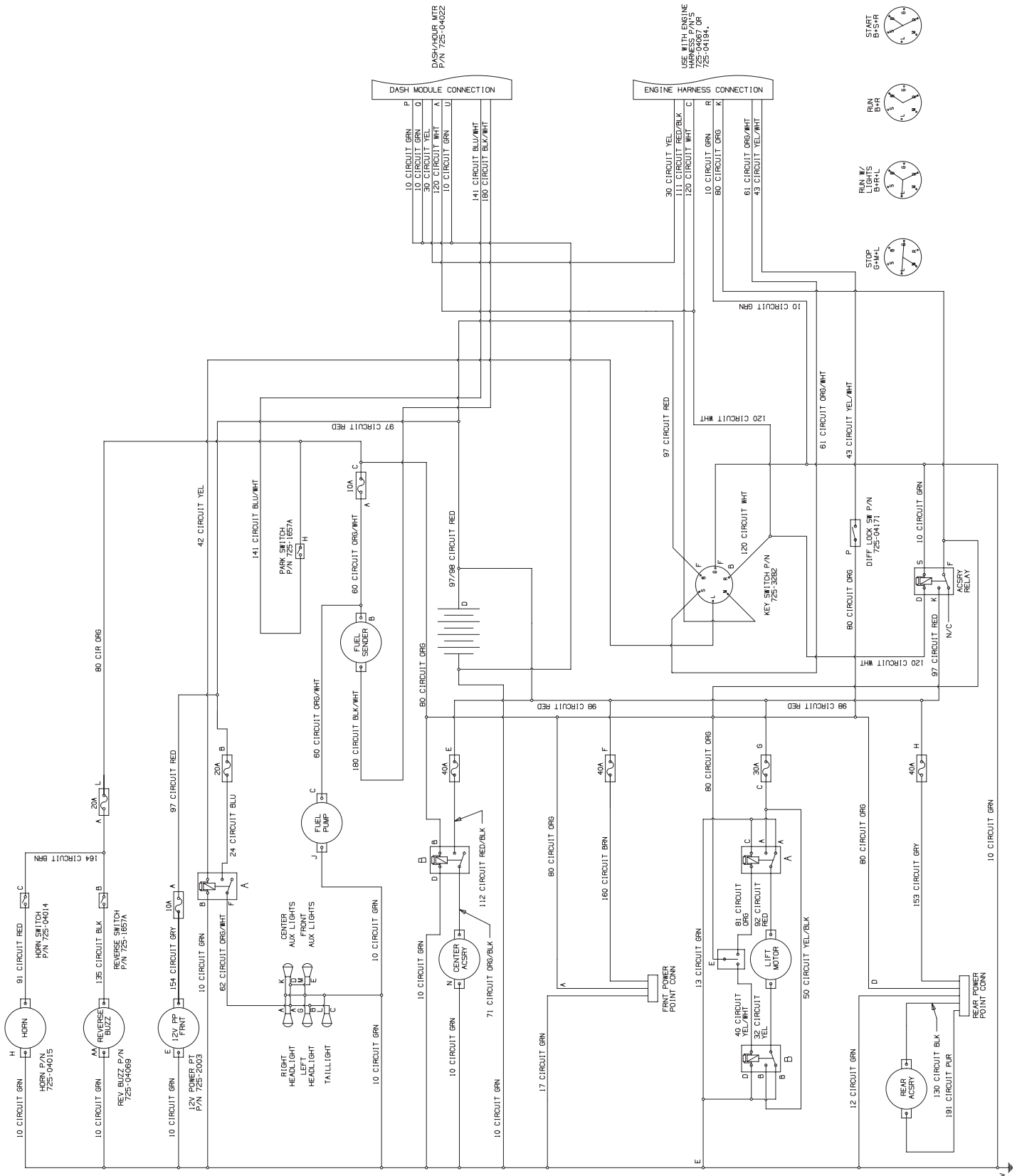


REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
11046	11046-2102	Bracket	1	92039	92039-1163	Rivet, Blind, 4.0 x 9.2	2
11060	11060-2334	Gasket, Air Filter	1	92144	92144-2266	Spring	2
14090	14090-1141	Cover	1	92144A	92144-2340	Spring	1
14090A	14090-1361	Cover	1	92144B	92144-2345	Spring	1
16171	16171-2061	Link, Throttle	1	92145	92145-2054	Spring	1
21187	21187-2066	Arm-Ass'y.	1	92150	92150-2182	Bolt, 5 x 18	1
39003	39003-2076	Arm-Pivot	1	92200	92200-2029	Washer, 6.5 x 11.5 x 2.0	1
42036	42036-2060	Sleeve	1	92200A	92200-2036	Washer, 6.2 x 20 x 0.5	1
49110	49110-2069	Governor-Ass'y.	1	130	130B0812	Bolt-Flanged, 8 x 12	3
49113	49113-2127	Panel-Comp-Control	1	130A	130G0612	Bolt-Flanged, 6 x 12	2
56031	56031-1790	Label-Manual, Oil Capac	1	130B	130J0830	Bolt-Flanged, 8 x 30	1
92002	92002-2269	Bolt, 6 x 28	1	220	220B0522	Screw-Pan-Cros	2
92015	92015-1143	Nut, 8MM	2	311	311B0600	Nut-Hex, 6MM	1
92027	92027-1064	Collar, 9 x 13 x 17.2	1	410	410B0600	Washer-Plain-Small6MM	1
92037	92037-2020	Clamp	1	411	411B0600	Washer-Plain, 6MM	1
92037A	92037-2098	Clamp	1	554	554A0600	Pin-Snap	117
92037B	92037-2204	Clamp	2				

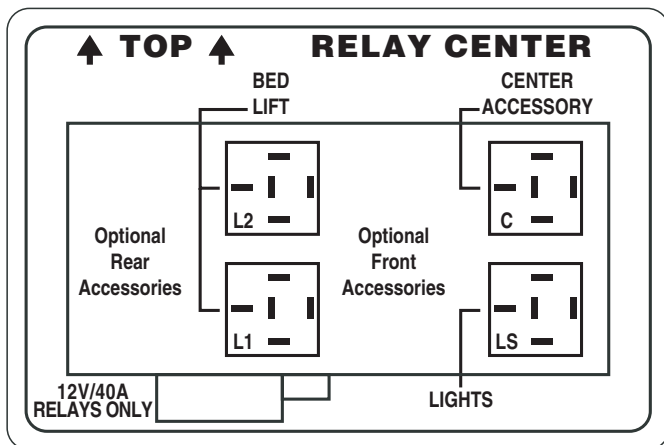
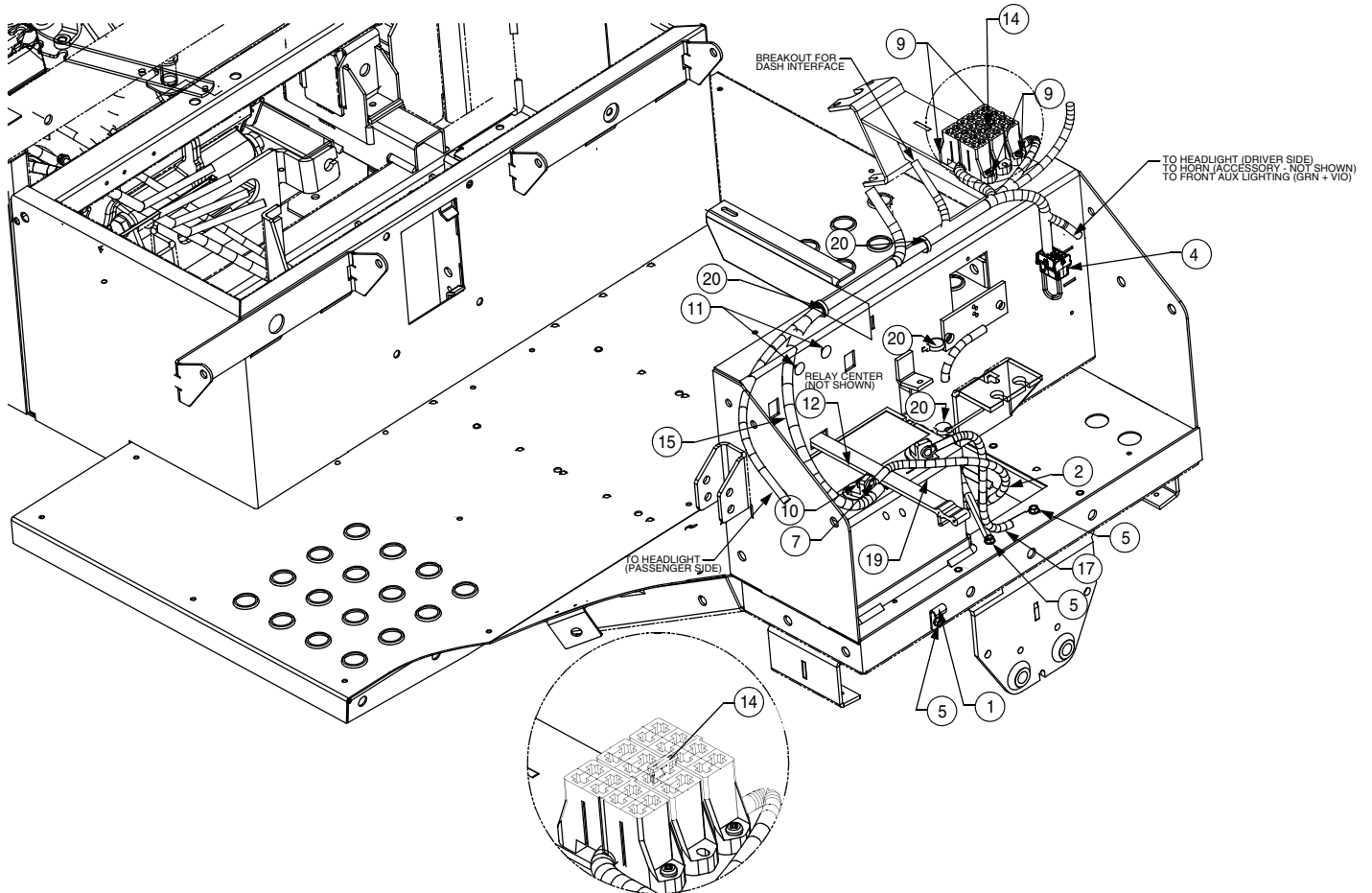
ELECTRICAL SCHEMATIC



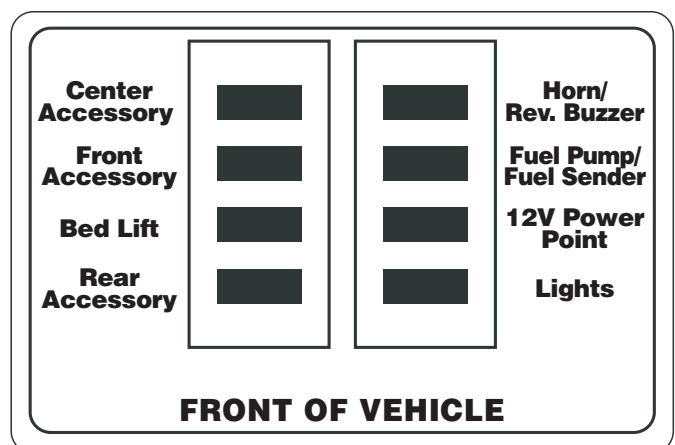
ELECTRICAL SCHEMATIC



ELECTRICAL SYSTEM



Relay Center



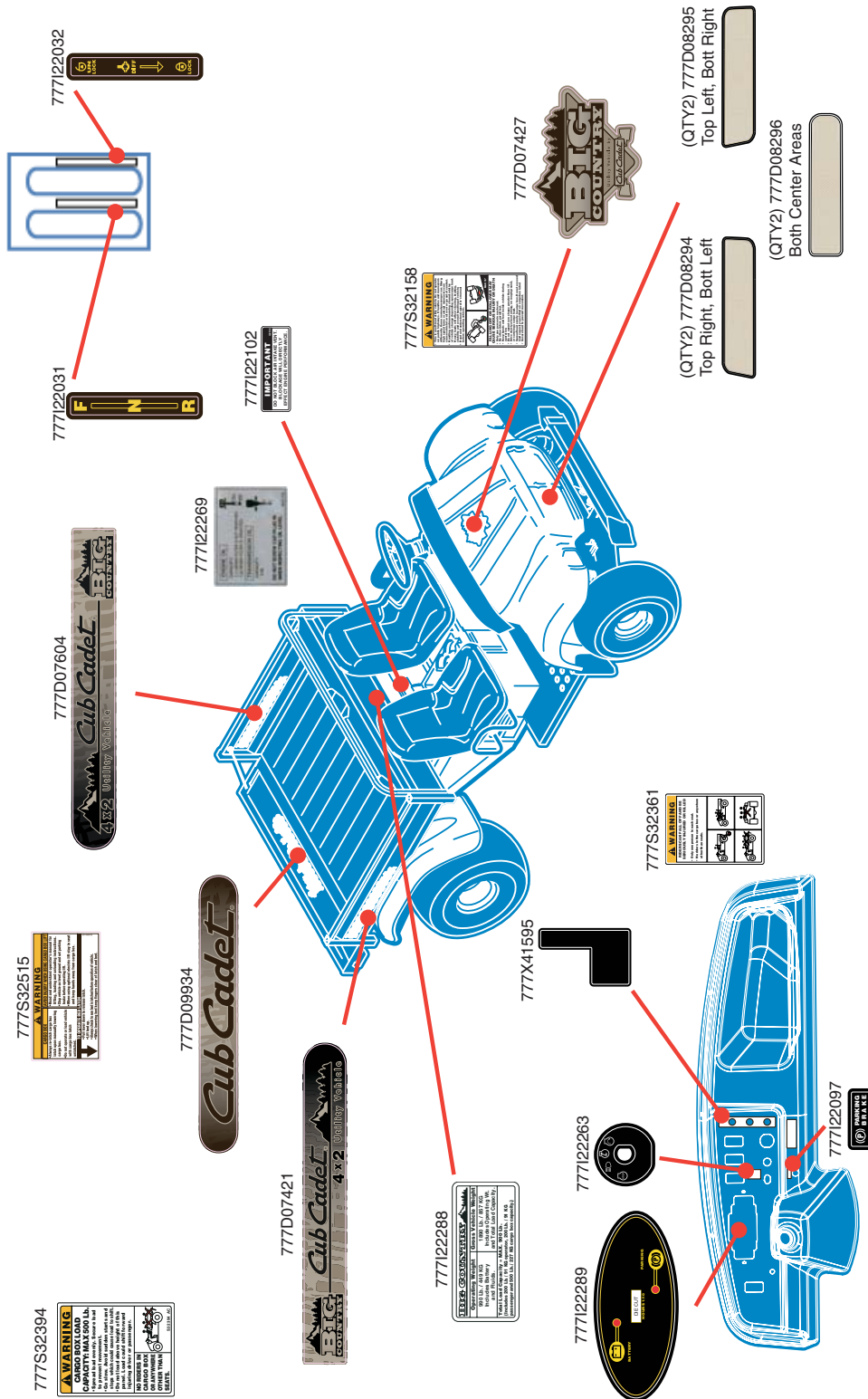
Fuse Box

ELECTRICAL SYSTEM

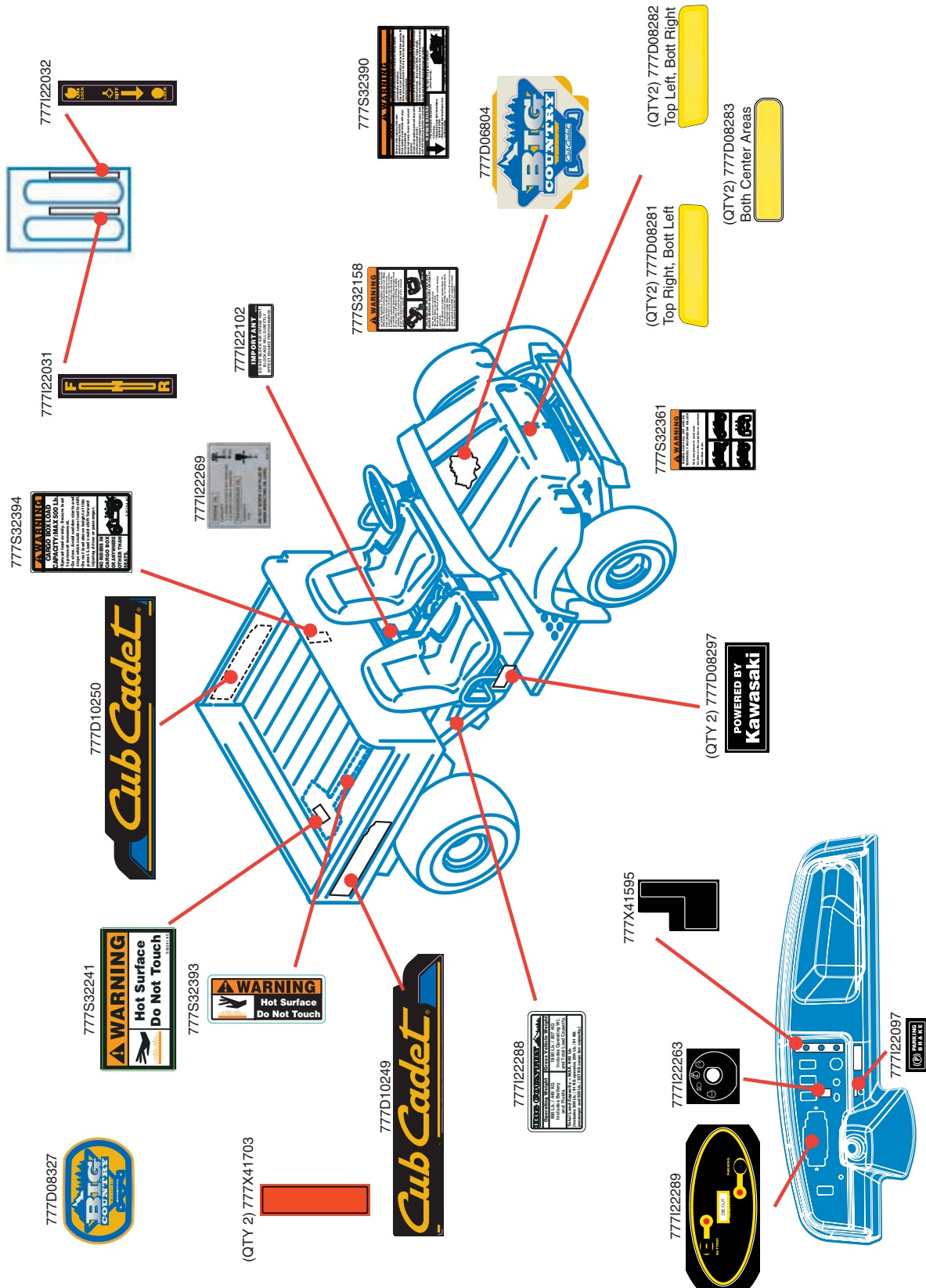
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	16606	Retainer Hook Bracket	1
2	629-04001	Starter Harness Assembly	1
3	629-1095†	Motor Ground Harness Assembly	1
4	625-04008	Conv. Conn. Assembly	1
5	710-0599	Self-tapping Screw, 1/4-20 x 0.500	3
6	710-1260A†	Screw, 5/16-18 x .750	1
7	710-0703	Hex Carriage Screw, 1/4-20 x .75	2
8	710-0788†	Self-tapping Screw, 1/4-20 x 1.000	2
9	710-3009	Screw, #10-24 x 0.75	4
10	712-0271	Hex Sems Nut, 1/4-20	2
11	726-0465	Retainer Clip, .250 x .267	2
12	723-3064	Battery Strap	1
13	725-0157†	Cable Tie, 3/16 x .05 x 7.4	2
14	725-04008	5 Amp Fuse	1
15	725-04294	Utility Main Harness	1
16	725-04194†	Motor Harness	1
17	629-04060	Harness Assembly, Ground	1
18	736-0329†	Lock Washer, 1/4	2
19	725-1738A	Battery	1
20	726-0470	Cable Tie, .19 x 8.39 Tree Mount	8
21	726-04002†	Double Tube Clamp	1

†Not Shown

LABELS (MODEL 411)



LABELS (MODEL 414)



NOTES

NOTES
