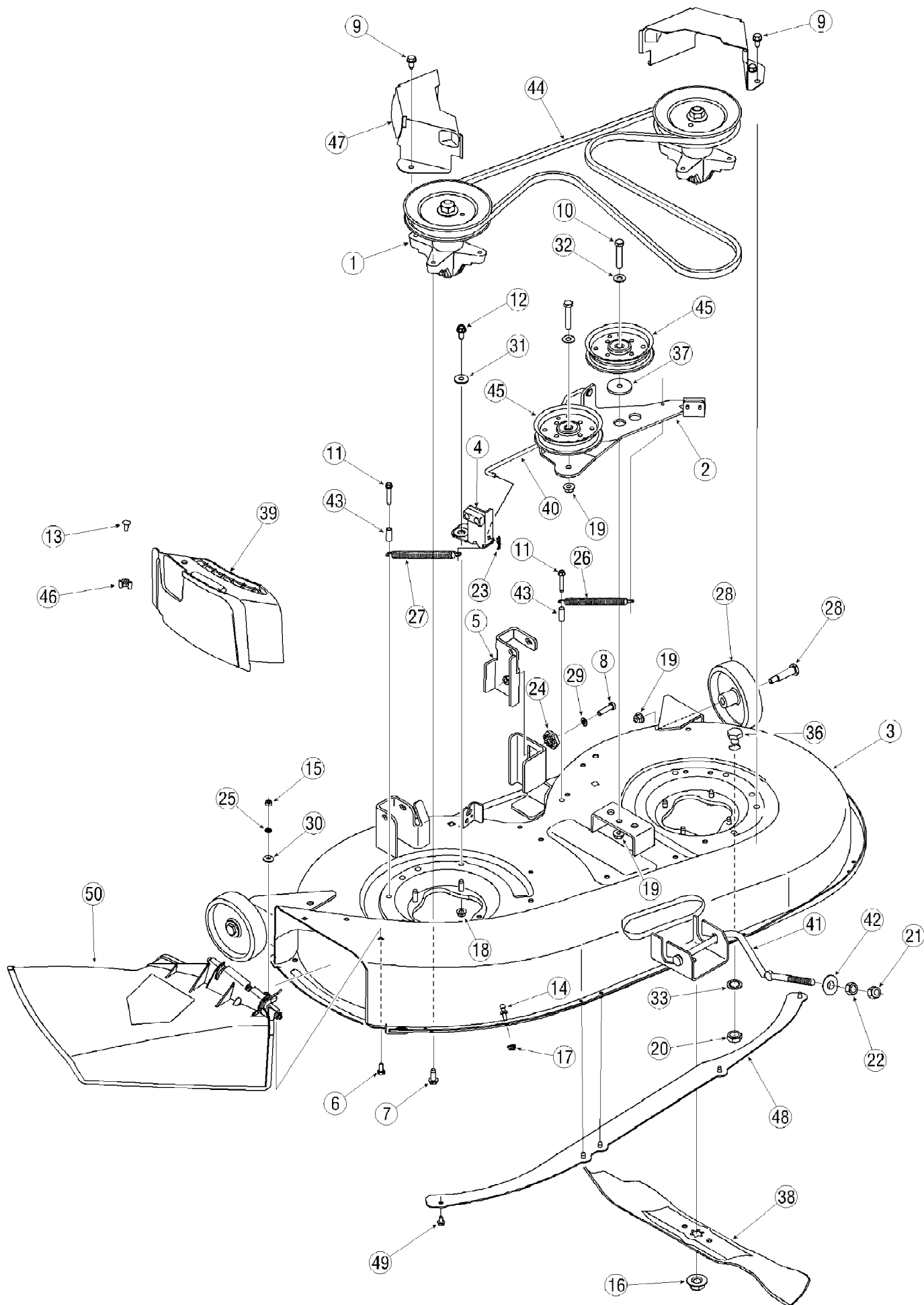


13A2771G790 LT-542G (2005)
Carburetor

Page 2 of 31

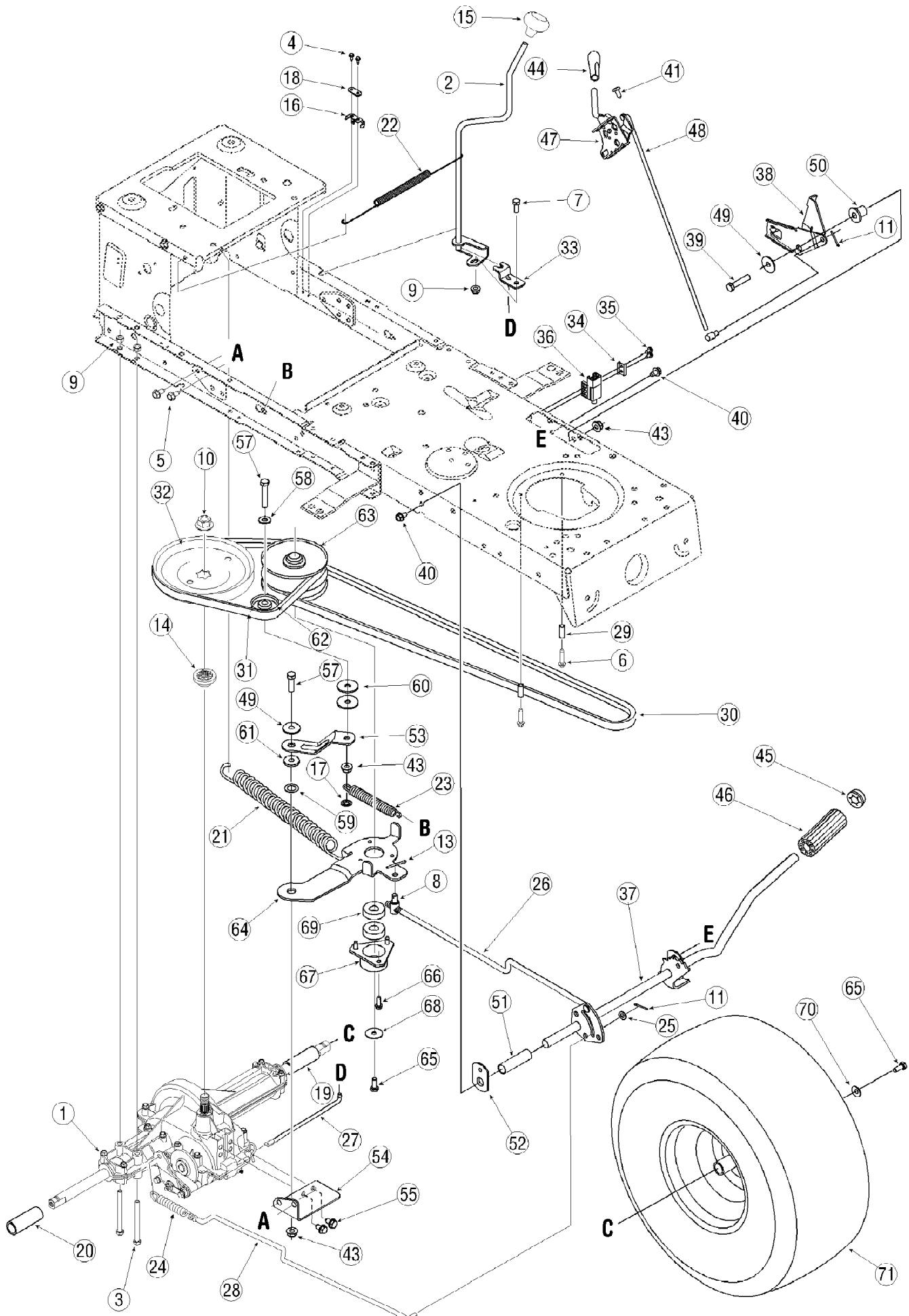
Ref #	Part Number	Qty	S/P/F	Description
	TC-640221	1	/P	Carburetor Complete
1	TC-640216	1		Throttle Shaft & Lever Assembly
5	TC-640037	1		Dust Seal
6	TC-640038	1		Throttle Shutter
7	TC-650506	1		Throttle & Choke Shutter Screws
10	TC-640217	1		Choke Shaft & Lever Assembly
11	TC-632785	1		Choke Return Spring
14	TC-64077	1		Choke Shutter
17	TC-651025	1		Throttle Crack Screw/Idle Speed Screw
18	TC-630766	1		Tension Spring
25	TC-640220	1		Float Bowl Assembly
25A	TC-730649	1	/P	Float Bowl Repair Kit
27	TC-632544	1		Float Shaft
28	TC-632543	1	/P	Float
29	TC-640047	1	/P	Float Bowl to Body Gasket
30	TC-632709	1	/P	Inlet Needle & Seat
32	TC-640041	1		Bowl Drain Screw
33	TC-27110A	1		Bowl Drain Washer
36	TC-640067	1		Main Nozzle Tube
37	TC-632547	1		O-Ring
38	TC-632545	1	/P	Spring, Main Nozzle Tube
38A	TC-36918	1		Spring
39	TC-640218A	1		Float Bowl Retainer
40	TC-640219	1		Main Fuel Jet
47	TC-630748	1		Welch Plug, Idle Mixing Well



13A2771G790 LT-542G (2005)
Deck Assembly

Page 4 of 31

Ref #	Part Number	Qty	S/P/F	Description
1	618-0624	1	S	Spindle Assembly, Pul, 6.23" Dia
2	683-04138	1	S	Brake Assembly, Deck
3	683-04162	1	S	Deck Shell, 42" (w/ Wheel Brackets)
	683-04165	1	S	Deck Shell, 42" (w/o Wheel Brackets)
4	683-04167	1	S	Brake Assembly, Deck
5	683-0254B	1	/P	Bracket Assembly, Deck, Hanger LH
6	710-0751	1	/P	Screw, 1/4-20, .620, Gr5
7	710-0650	1	/P	Screw, 5/16-18, 0.875
8	710-0817	1		Screw, 5/16-18, 1.250
9	710-0726	1	/P	Screw, 5/16-12, 0.750
10	710-3144	1	/P	Screw, 3/8-16, 2.00, Gr5
11	710-0778	1	/P	Screw, 1/4-20, 1.500
12	710-3008	1	/P	Screw, 5/16-18, .75, Gr5
13	710-0134	1	/P	Carriage Screw, , 1/4-20 x .62
14	711-04069	1	S	Pin, Grasscatcher, 1/4-20
15	712-3006	1	/P	Nut, Hex, 1/4-20, Gr5
16	712-0417A	1	/P	Nut, Flange, 5/8-18
17	712-04064	1	/P	Nut, Flange Lock, 1/4-20, Gr F, Nylon
18	712-04063	1	/P	Nut, Flange Lock, 5/16-18, Gr F, Nylon
19	712-04065	1	/P	Nut, Flange Lock, 3/8-16, Gr F, Nylon
20	712-0641	1	S	Nut, Hex, M16-1.5
21	712-3083	1	/P	Nut, Hex Lock, 1/2-13, Gr8, Nylon
22	712-0206	1	S	Nut, Hex, 1/2-13, Gr5
23	714-0104	1	S	Pin, Cot, .072 Dia. x 1.13 Lg
24	717-04074	1	S	Gear, Deck Adjustment
25	726-0233	1	/P	Nut, Push, .25 ID x .50 OD
26	732-0308A	1	/P	Spring, Extension, .50 Dia. x 6.37
27	732-04287	1		Spring, Extension, .50 Dia. x 6.375
28	734-0973	1	/P	Wheel, Deck 5.0 x 1.38
29	736-0119	1	S	Washer, Lock, 5/16
30	736-0270	1	/P	Washer, Bell, .265 x .75 x .062
31	736-0289	1	S	Bushing, Shoulder, .320 ID x .135
32	736-0267	1	S	Washer, Flat, .385 x .87 x .06
33	736-0225	1	/P	Washer, Lock, 5/8, Internal Tooth
34	736-0187	1	/P	Washer, Flat, .64 x 1.24 x .06
35	738-0373	1	S	Screw, Shoulder, .498 x 1.53, 3/8-16
36	738-04146	1		Plug, Screw, M16 x 1.5
37	738-04162	1	S	Spacer, Shoulder, .8540 x .190
38	742-0616A	1	S	Blade, 21.23", Star 3-in-1
39	731-2363	1	/P	Mulch Plug
40	747-04379	1	S	Control Rod, Brake
41	747-04269A	1	/P	Deck Rod, Front Adjustable
42	748-04069	1		Pivot Cup, Deck Lift
43	750-0566A	1	/P	Spacer, .260 x .372 x 1.030
44	754-04060B	1	S	Belt, V-Type
45	756-04129	1	S	Idler Pulley, 4.25" Dia.
46	712-3087	1	/P	Wing Nut, 1/4-20
47	783-04327	1		Cover, Belt, 6.00 Dia.
48	783-1146A	1	S	Deck Skirt
49	710-0599	1	/P	Screw, 1/4-20, .500
50	731-1032B	1	S	Chute Assembly, Discharge



13A2771G790 LT-542G (2005)
Drive

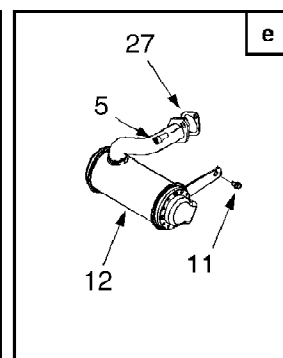
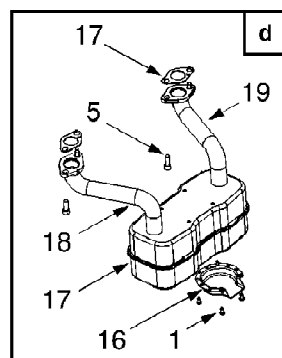
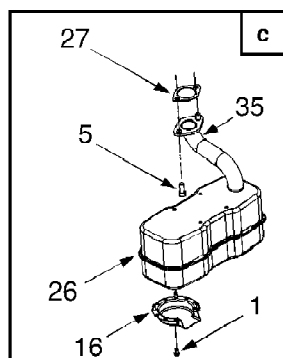
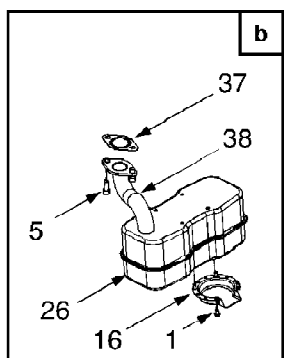
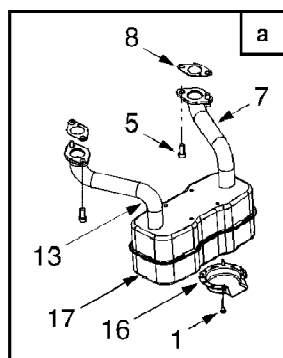
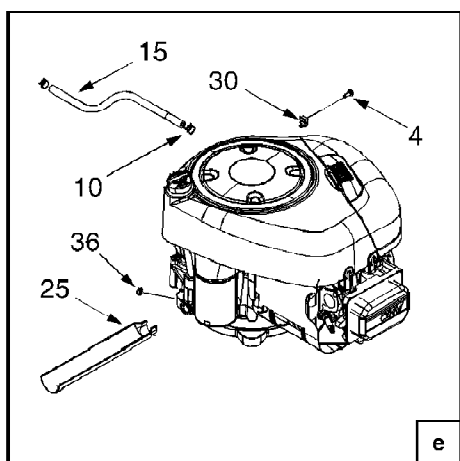
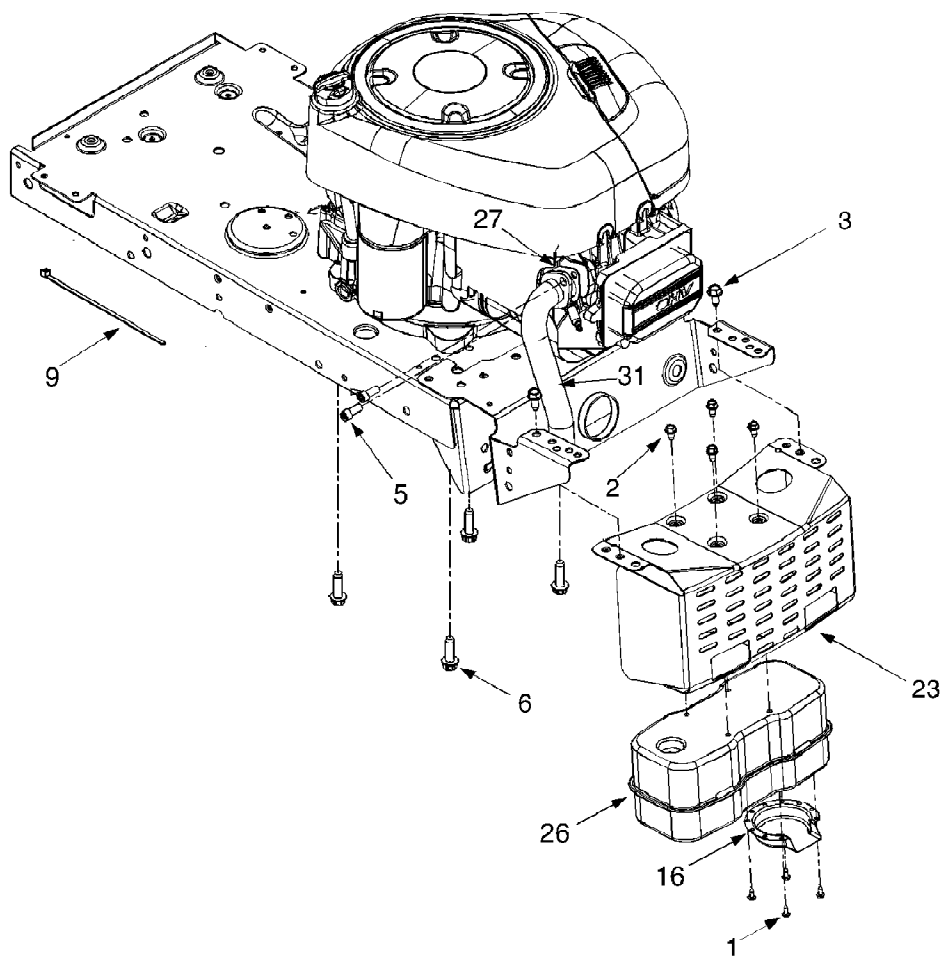
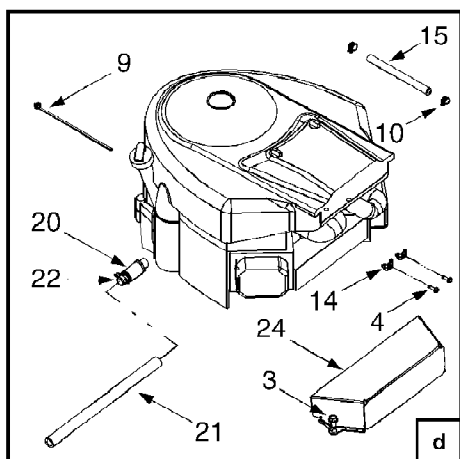
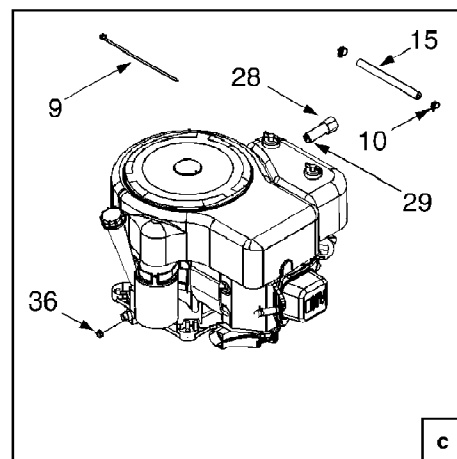
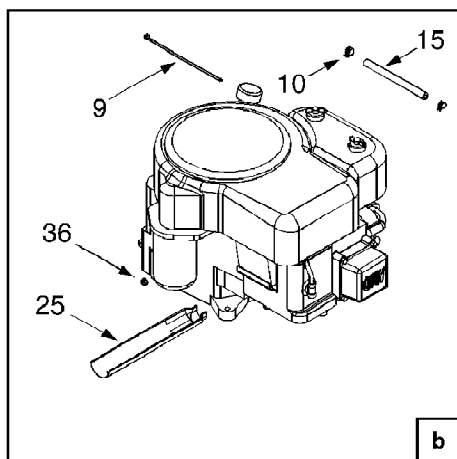
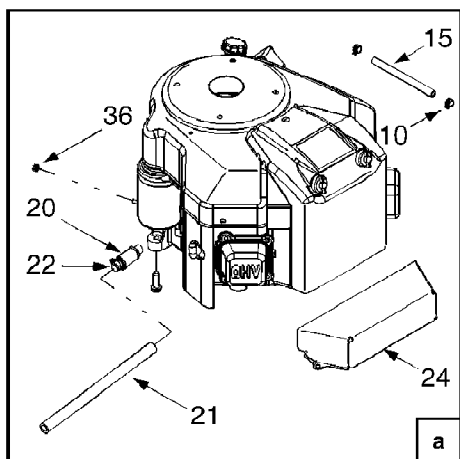
Page 6 of 31

Ref #	Part Number	Qty	S/P/F	Description
1	618-04034	1	S	Transmission Assembly
2	647-04035	1		Lever Assembly, Shift
3	710-0176	1	/P	Screw, 5/16-18, 2.75, Gr5
4	710-0227	1	/P	Screw, #8-18, 0.500
5	710-0726	1	/P	Screw, 5/16-12, 0.750
6	710-0809	1		Screw, 1/4-20, 1.250
7	710-3008	1	/P	Screw, 5/16-18, .75, Gr5
8	711-04075A	1	S	Ferrule, 3/8-24 x .375 Dia.
9	712-04063	1	/P	Nut, Flange Lock, 5/16-18, Gr F, Nylon
10	712-0700	1	/P	Nut, Flange, 9/16-18, Gr2
11	714-0111	1	S	Pin, Cotter, 3/32, 1.0
12	714-0209	1	S	Cotter Pin, Internal .125 Dia
13	714-0470	1	S	Pin, Cotter, 1/8 x 1.25
14	718-0758A	1	S	Hub, Pulley, 5/8 Spline
15	720-04028	1		Knob, Shift
16	725-1644	1		Spring Switch, Short
17	726-0269	1		Speed Nut, 3/8 (Push-on)
18	726-0320	1	S	Plate, Insulator Nut
19	731-04602	1		Sleeve, .758 x .821 x 3.3125
20	731-04604	1		Sleeve, .758 x .821 x 2.4375
21	732-04076A	1	/P	Spring, Extension, 1.15 OD x 7.90
22	732-04237	1		Spring, Extension, .50 OD x 12.0
23	732-04259	1	S	Spring, Extension, .78 OD x 3.5
24	732-0716	1	S	Spring, Extension, .59 OD x 4.00
25	736-0264	1	S	Washer, Flat, .330 x .630 x .0635
26	747-04265	1		Control Rod, Variable Speed
27	747-04277	1		Rod, Shift
28	747-04287	1		Rod, Brake
29	750-0566A	1	/P	Spacer, .260 x .372 x 1.030
30	754-04001A	1	S	Belt
31	754-0241A	1	S	Belt
32	756-04002	1	S	Pulley, V-Type, 7.25 Dia
33	783-04595	1		Shift Bracket, Adjustable
34	17962	1		Plate, Switch
35	710-0224	1	S	Screw, #10-16, 0.500
36	725-04039	1	S	Switch, Interlock
37	647-04034	1	S	Pedal Assembly, Drive
38	683-04188	1	S	Latch Assembly, Engagement
39	710-0347	1	/P	Screw, 3/8-16, 1.75, Gr5
40	710-0607	1	/P	Screw, 5/16-18, 0.500
41	710-1017	1	/P	Screw, 1/4-20, 0.625
42	711-0736	1	/P	Adjustment Ferrule 1/4-20
43	712-04065	1	/P	Nut, Flange Lock, 3/8-16, Gr F, Nylon
44	720-04050	1		Knob, Speed Control
45	726-0214	1	/P	Push Cap, 5/8
46	735-0239	1	/P	Pad, Foot, 4.0
47	746-04158	1	S	Shift Lever, 7-Speed
	746-04174	1	S	Shift Lever, 6-Speed
48	747-04289	1		Control Rod, Speed Selector
49	750-04294	1		Spacer, Shoulder, .38 ID x 50 OD x.15
50	750-04381	1		Spacer, Flange, .390 x .671 x .95
51	750-0802	1		Spacer, .640 ID x .76 OD x 2.63
52	783-04536	1		Shift Bracket, Pedal

13A2771G790 LT-542G (2005)
Drive

Page 7 of 31

Ref #	Part Number	Qty	S/P/F	Description
53	683-04175	1	S	Bracket, Idler
54	683-04176	1	S	Torque Bracket, Transmission
55	710-0604A	1	/P	Screw, 5/16-18, 0.625
56	710-3005	1	/P	Screw, 3/8-16, 1.25, Gr5
57	710-3144	1	/P	Screw, 3/8-16, 2.00, Gr5
58	736-0300	1	S	Washer, Flat, .406 x .875 x .059
59	736-04188	1	S	Washer, Flat, .63 x 1.00 x .015
60	736-3039	1	S	Washer, Flat, .406 x 1.5 x .105
61	738-0347	1	S	Spacer, Shoulder, .625 ID x .169
62	756-0199	1	/P	Pulley, Flat Idler, 2.0 OD
63	656-04015	1	S	Pulley Ass'y, Variable Speed, 4.75 OD
64	683-04174	1	S	Bracket Ass'y, Variable Speed
65	710-0627	1	/P	Screw, 5/16-24, .750, Gr5
66	710-0642	1	/P	Screw, 1/4-20, 0.750
67	718-04012	1	/P	Cup, Bearing
68	736-0362	1	/P	Washer, Flat, .330 x 1.25 x .06
69	741-0600	1	S	Bearing, Ball, 17 x 40 x 12
70	736-0242	1	/P	Bell Washer, .34 x .872 x .060
71	634-0104	1		Wheel Assembly
	734-1730	1		Tire Only, 20 x 8 x 8
	634-0070	1	/P	Rim Assembly (Inc. bearings, valve stem)



13A2771G790 LT-542G (2005)
Engine Accessories

Page 9 of 31

Ref #	Part Number	Qty	S/P/F	Description
1	710-0148	1	/P	Screw, #8-32, .375
2	710-0896	1	/P	Self-tapping Screw, 1/4-14, .625
3	710-0726	1	/P	Self-tapping Screw, 5/16-12, .75
4	710-1237	1		Screw, #10-32, .625
5	710-1314A	1	/P	Socket Cap Screw, 5/16-18, .625
6	710-1315	1	/P	Self-tapping Screw, 3/8-16, 1.25
7	751-0813A	1	/P	LH Exhaust Pipe
8	721-0460	1		Exhaust Gasket
9	725-0157	1	/P	Cable Tie, 7.4"
10	726-0205	1	/P	Hose Clamp, .490
11	710-0599	1	/P	Screw, 1/4-20, 0.500
12	751-10111	1		Muffler, Exhaust
13	751-0814A	1	/P	RH Exhaust Pipe
14	751B221535	1	/P	Casing Clamp
15	751-0535	1		Fuel Line Hose
16	751-0564A	1	S	Muffler Deflector
17	751-0616A	1	S	Muffler, Twin Inlet
18	751-0650B	1	/P	RH Exhaust Pipe
19	751-0651B	1	/P	LH Exhaust Pipe
20	751-3140	1	S	Oil Drain Valve
21	751-3141	1	S	Oil Drain Hose
22	751-3142	1		Oil Drain Cap
23	783-0615D	1	S	Muffler Heat Shield
24	783-0625C	1	/P	Engine Heat Shield
25	731-1682A	1	/P	Oil Drain Sleeve
26	751-0617A	1	S	Muffer, Single Inlet
27	721-0208	1	S	Exhaust Gasket
28	737-0143	1	S	Oil Drain Cap, 3/8-18
29	737-0199	1	S	Oil Drain Pipe, 3/8-16, 2.0
30	751B213146	1	/P	Casing Clamp
31	751-0619B	1	S	Exhaust Pipe
32	710-0227	1	/P	Screw, #8-18 x .50
33	710-3029	1	/P	Hex Screw, 7/16-20, 1.25
34	711-1044	1	S	Belt Keeper Pin, 5/16, 4.75
35	751-0622	1	S	Exhaust Pipe
36	712-0271	1	/P	Hex Sems Nut, 1/4-20
37	721-0348	1		Exhaust Gasket
38	751-0620	1	S	Exhaust Pipe

13A2771G790 LT-542G (2005)
Engine Assembly

Page 11 of 31

Ref #	Part Number	Qty	S/P/F	Description
2	TC-27652	2		Dowel Pin
11	TC-36302	1		Check Valve
11A	TC-36303	1		Breather Plate
11B	TC-650902	1		Screw, 10-32 x 7/16"
14	TC-37363	1		Washer
15	TC-37364	1		Governor Rod
15B	TC-650738	1		Screw, 1/4-20 x 5/8"
16	TC-37413	1		Governor Lever
16A	TC-37414	1		Governor Spring Bracket
16D	TC-37415	1		Governor Spring, Hi-speed
16E	TC-37417	1		Governor Idle Spring
16F	TC-37418	1		Bell Crank Lever
17C	TC-37429	1		Breather Tube Clamp
19	TC-37416	1		Throttle Spring
30	TC-37371	1	S	Crankshaft
35	TC-651069	1		Screw, Carriage 1/4-20 x 1-1/2"
37	TC-650456	1		Lock Nut, 1/4-20
38	TC-37365	1		Retaining Ring
40	TC-40040	1		Piston, Pin & Ring Set (Std.)
40	TC-40041	1		Piston, Pin & Ring Set (.010"OS)
41	TC-40038	1		Piston & Pin Ass'y. (Std.) (Incl. 43)
41	TC-40039	1		Piston & Pin Ass'y.(.010"OS)(Incl.43)
42	TC-40013	1		Ring Set (Std.)
42	TC-40014	1		Ring Set (.010"OS)
43	TC-27888	2		Piston Pin Retaining Ring
45	TC-37372	1		Connecting Rod Ass'y. (Incl. 46)
46	TC-651063	4		Connecting Rod Bolt
48	TC-37373	4		Valve Lifter
50	TC-37374	1	S	Camshaft (MCR)
52	TC-37305	1		Oil Pump Ass'y.
52A	TC-37382	1		Oil Pump Shaft
52B	TC-36333	1		O Ring
52C	TC-36334	1		Oil Pump Cover (Incl. 52B)
52D	TC-650888	3		Screw, T-30 1/4-20 x 43/64"
52E	TC-37383	1		Oil Pump Gear
52F	TC-37384	1		Oil Pump Gear Retaining Ring
60A	TC-650773	4		Screw, 1/4-20 x 1/2"
69	TC-37377	1	/P	Mounting Flange Gasket
70	TC-37378	1		Mounting Flange (Incl. 72,72A,75,80,381-387)
72	TC-31927	1		Oil Drain Plug, 3/18-18
72A	TC-28534	1		Oil Drain Plug, 3/8-18
72C	TC-37651	1		Oil Drain Valve
75	TC-36301	2	/P	Oil Seal (1 in Ref 1, 1 in Ref 70)
75A	TC-37369	1		Oil Seal (Governor Shaft)
80	TC-37379	1		Governor Shaft
81	TC-37381	1		Washer (Governor Shaft)
82	TC-37380	1		Governor Gear Ass'y.
83	TC-35322	1		Governor Spool
84	TC-29193	1		Retaining Ring
86	TC-651064	9		Screw, 5/16-18 x 1-15/32"
89	TC-650592	1		Flywheel Key
90	TC-611243	1		Flywheel (Incl. 91 & 91A)
91	TC-611241A	1		Flywheel (Incl. 91 & 91A)

13A2771G790 LT-542G (2005)
Engine Assembly

Page 12 of 31

Ref #	Part Number	Qty	S/P/F	Description
91A	TC-611242	1		Flywheel Retainer
92	TC-651082	1		Lock Washer, Flywheel (Under Ref. 93)
93	TC-650594	1		Flywheel Nut
100	TC-37395	2	/P	Solid State Ignition (Incl. 101)
101	TC-610118	2		Spark Plug Cover
102	TC-651024	4		Solid State Mounting Stud
103	TC-651007	6		Screw, T-15 10-24 x 15/16"
119	TC-37388	2		Cylinder Head Gasket
120	TC-37387	1		Cylinder Head, Opp. Breather Side
120A	TC-37389	1		Cylinder Head, Breather Side
125	TC-36934	2		Exhaust Valve (Std.)
126	TC-36935	2		Intake Valve (Std)
127	TC-650691	12		Flat Washer
128	TC-650690	12		Belleville Washer
130	TC-650697A	12		Screw, 5/16-18 x 2-1/2"(Head Mount)
135	TC-34645	2	/P	Spark Plug (RN4C)
150	TC-33507	4		Valve Spring
151	TC-33508	4		Valve Keeper Retainer & Cap Set
151A	TC-35862	2		Valve Seal
153	TC-37390	2		Push Rod Guide
154	TC-650945	1		Rocker Arm Stud
155	TC-35950	1		Rocker Arm
158	TC-37391	4	/P	Push Rod
159	TC-35952	2	/P	Rocker Arm Cover Gasket
160	TC-35953A	1		Rocker Arm Cover, Opp. Breather Side
160A	TC-37392	1		Rocker Arm Cover, Breather Side
161	TC-30063	10		Screw, T-30 1/4-20 x 1/2"
161A	TC-651034	2		Stud, Valve Cover Mounting
162	TC-650947	1		Rocker Arm Jam Nut, 5/16-24
163	TC-650890	4		Internal Lock Washer, 5/16"
169	TC-37367	1		Valve Cover Gasket
171	TC-37366	1		Breather Element
172	TC-37368	1		Valve Cover
173	TC-37393A	1	/P	Breather Tube
173A	TC-37410	1		Breather Tube Grommet
173B	TC-37409	1		Breather Tube Fitting
177	TC-651067	4		Carbuertor Mounting Stud
184	TC-36352	1	/P	Carburetor to Intake Pipe Gasket
185	TC-37396	1		Intake Pipe (Incl. 387A)
186	TC-37404	1		Governor Link
186A	TC-37405	2		Choke Link
200	TC-37400	1		Control Bracket
207	TC-37406	1		Throttle Link
210	TC-27793	2	/P	Conduit Clip
211	TC-28942	2	/P	Screw, 10-32 x 3/8"
212	TC-37370	4		Bushing
217	TC-37419	1		Control Lever
218	TC-651070	2		Screw, 10-32 x 1-1/4"
223	TC-650971	4		Screw, T-30 5/16-18 x 7/8"
224	TC-33515A	2		Intake Pipe Gasket (Pipe to Head)
234	TC-650928	4		Lock Nut, 1/4-20
238	TC-650902	2		Screw, 10-32 x 7/16"
239	TC-36358	1	/P	Valve Cover Gasket

13A2771G790 LT-542G (2005)
Engine Assembly

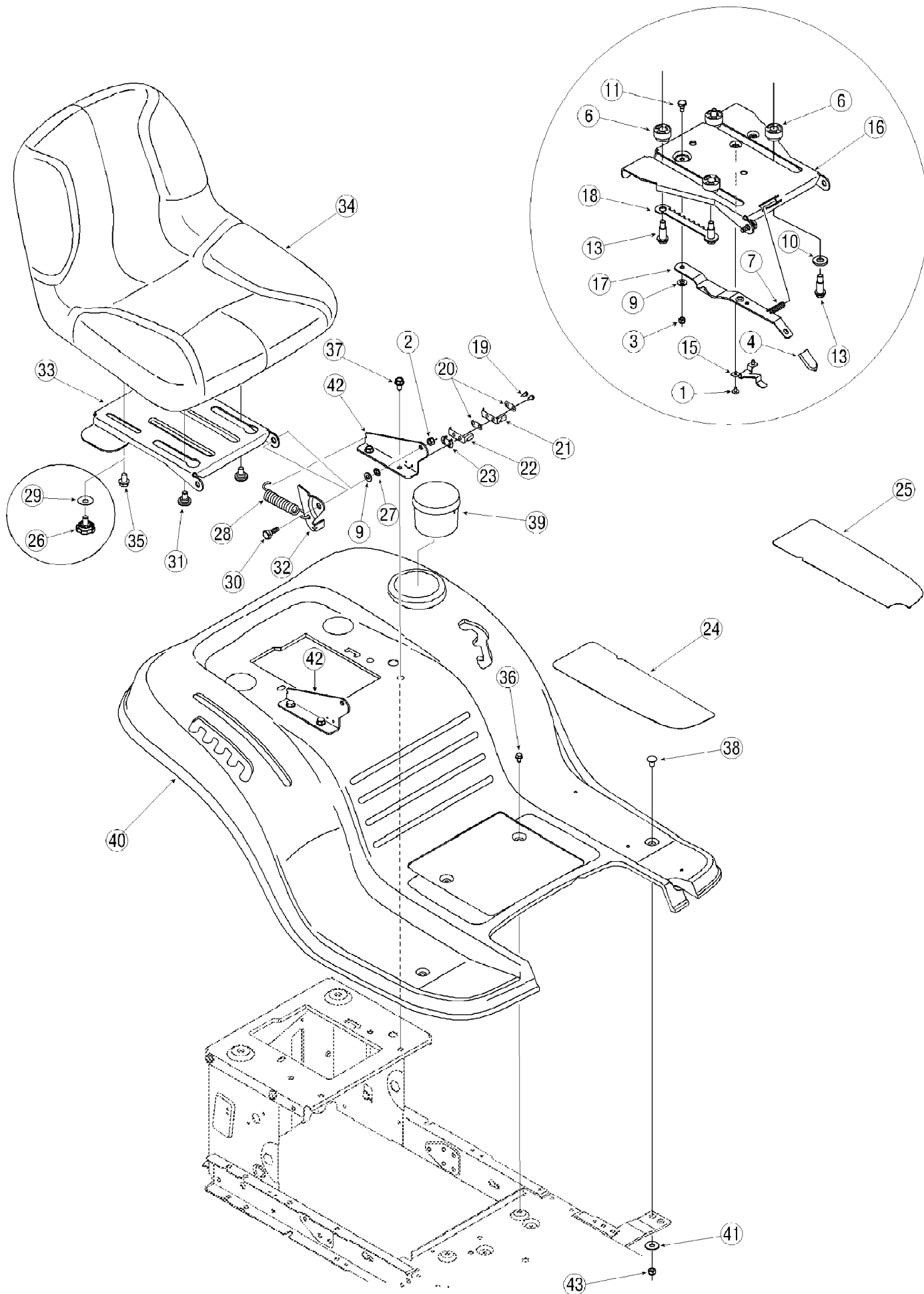
Page 13 of 31

Ref #	Part Number	Qty	S/P/F	Description
240	TC-37691	1		Air Cleaner Body Ass'y. (Incl. 239)
245	TC-37360	1	/P	Air Cleaner Filter (Paper)
245B	TC-37361	1	/P	Air Cleaner Pre-Filter (Poly)
246	TC-37407	6	/P	Connector Bushing Link
250	TC-37690	1		Air Cleaner Cover
251	TC-37689	2	/P	Wing Nut, 1/4-20 X 1-19/32" (A/C)
253	TC-37376	1		Compression Release Weight
253A	TC-37424	1		Compression Release Pin
254	TC-37375	1		Compression Release Spring
255	TC-37420	1		Control Cover
260	TC-37398	1		Blower Housing (Red)
261	TC-650737	3		Screw, 1/4-20 x 1/2"
265	TC-37627	1		Cylinder Head Cover, Opp. Breather
265A	TC-37628	1		Cylinder Head Cover, Breather Side
270A	TC-35829A	2		Exhaust Port Liner
286	TC-37394	1		Flywheel Screen
287	TC-651066	4		Screw, T-20 8-18 x 1-15/32"
290	TC-30962	1		Fuel Line (17")
291	TC-29774	1		Fuel Line (8-1/4")
291A	TC-29774	1		Fuel Line (8-1/4")
291B	TC-29774	2		Fuel Line (8-1/4")
291C	TC-34357	1		Fuel Line (6-3/4")
292	TC-26460	2	/P	Fuel Line Clamp
292A	TC-37399A	1	/P	Fuel Line Retainer
293	TC-35787A	1	/P	Pulse Pump
293A	TC-650931	2		Screw, 8-32 x 1-1/2"
294	TC-35791	1		Pulse Pump Repair Kit
295A	TC-37422	1	S	Fuel Fitting
296	TC-37768	1	/P	Fuel Filter (Incl. 292)
303	TC-32958	1		Pulse Pump/Fuel Fitting
305	TC-36349	1		Oil Fill Tube
306	TC-37401	1		O-Ring (Oil Fill, Bottom)
307	TC-35499	1	/P	O-Ring Oil Fill,(Top)
309	TC-650974	1		Screw, 1/4-20 x 57/64"
310	TC-37421	1		Dipstick
315	TC-611280	1	/P	Alternator Coil (3/5 Split) (Incl.321- 323)
321	TC-611161	1	/P	Diode
322	TC-611281	1		Connector Body
323	TC-611282	2		Terminal
325	TC-36342	1		Wire Clip
330	TC-37739	1		Wire Harness, Twin-Solenoid (Red), and Ignition Ground (Green)
330A	TC-37403	1		Twin-Solenoid Ground Wire (Black)
342	TC-651031	2		Screw, 1/4-20 x 9/16"(Ref. 240 & 265)
346	TC-36413	1		Fuel Pump Bracket
347	TC-650898A	1		Screw, 10-32 x 27/32"
361	TC-651065	2		Screw, 5/16-18 x 2-3/8"
370A	TC-35274	1		Lubrication Decal
380	TC-640221	2	/P	Carburetor (Incl. 184 & 428)
381	TC-650767	1		Screw, 8-32 x 27/64"
382	TC-36931	1		Oil Strainer Screen
383	TC-37411	1		Carburetor Baffle

13A2771G790 LT-542G (2005)
Engine Assembly

Page 14 of 31

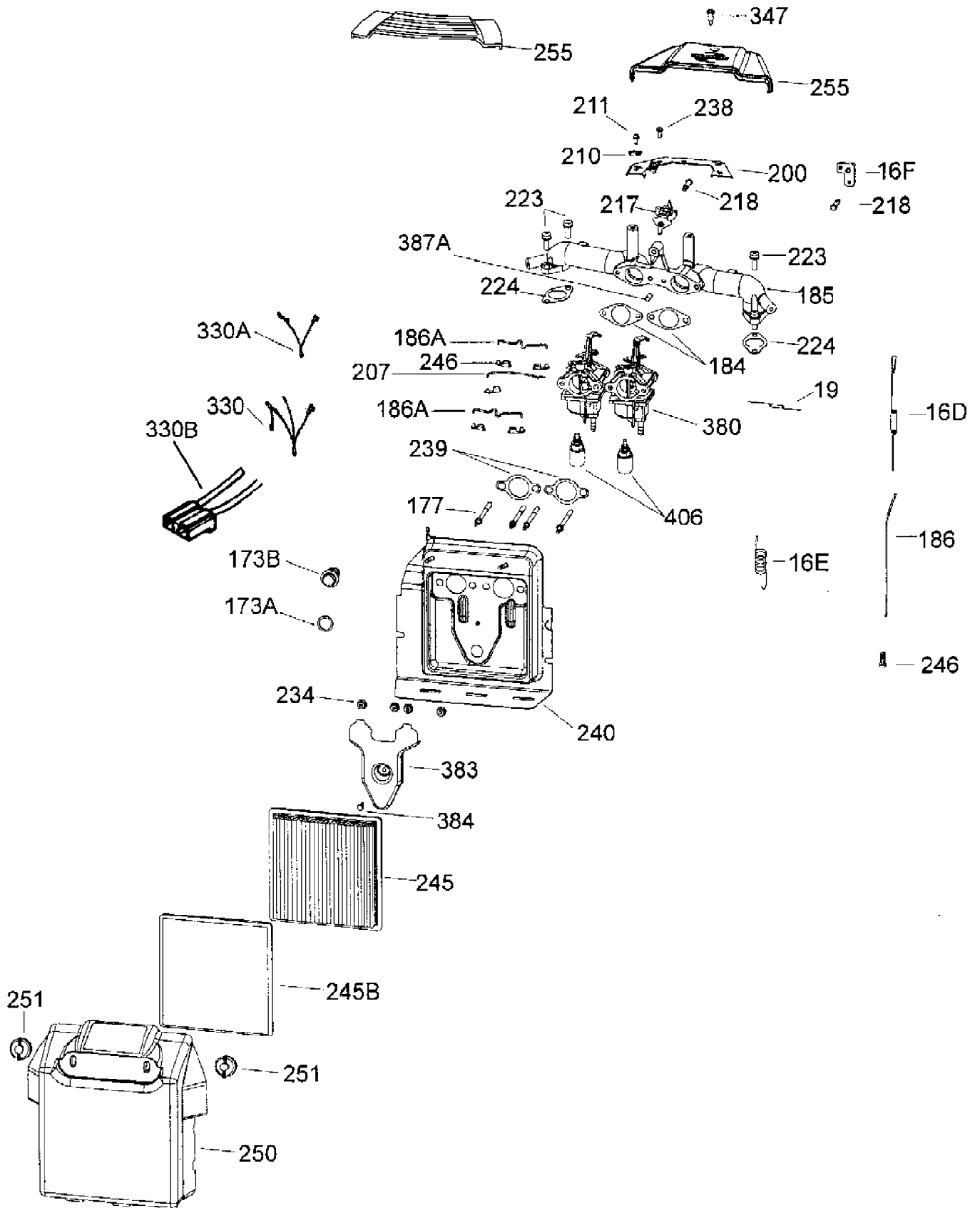
Ref #	Part Number	Qty	S/P/F	Description
384	TC-30200	1	/P	Screw, 10-24 x 9/16" Self Tap
385	TC-570673	1		Ball
386	TC-36329	1		Pressure Release Spring
387	TC-37652	1		Cotter Pin
387A	TC-37397	1		Roll Pin
395	TC-37284	1	/P	Electric Starter Motor (12 Volt)
400	TC-37423	1		Gasket Set (Incl. Items Marked PK in Notes)
406	TC-611221	2	/P	Fuel Shut-Off Solenoid
428	TC-37362	1		Spacer
475	TC-36563	1	/P	Oil Filter
476	TC-36929	1	/P	Oil Filter Adaptor (Incl. 479)
477	TC-650378	2		Screw, T-30 5/16-18 x 1 3/32"
479	TC-36930	1		Oil Filter Adaptor Gasket



13A2771G790 LT-542G (2005)
Fender & Seat

Page 16 of 31

Ref #	Part Number	Qty	S/P/F	Description
1	710-1268	1	/P	Screw, #10-16, .375
2	712-04063	1	/P	Nut, Flange Lock, 5/16-18, Gr F, Nylon
3	712-3027	1	S	Nut, Flange Lock, 1/4-20
4	720-0309A	1	/P	Seat Adjuster Grip
5	726-0201	1		Nut, Speed, .3125 ID
6	731-04074	1		Spacer
7	732-0499	1		Compression Spring, .41 x 1.5
8	732-1184	1	/P	Spring, Extension, .84 Dia. x 4.6
9	736-0275	1	S	Wash, Flat, .344 x .688 x .065
10	736-3019	1		Wash, Flat, .531x 1.062 x .134
11	738-0137A	1	S	Screw, Shoulder, .340 x .285, 1/4-20
12	738-0296	1	S	Screw, Shoulder, .437 x .268, 5/16-18
13	738-0966	1	S	Screw, Shoulder, .50 x .925, 3/8-16
14	783-0209C	1	S	Seat Bracket, Lift
15	783-0611	1		Seat Stop
16	783-0738B	1	S	Seat Pivot Bracket
17	783-0739A	1	S	Seat Adjustment Lever
18	783-0753	1		Seat Adjustment Selector
19	710-0227	1	/P	Screw, #8-18 x .50
20	726-0279	1		Plate, Insulator
21	725-1303	1	S	Spring Switch, Inner
22	725-1439	1		Spring Switch, Outer
23	726-0278	1		Plate, Insulator Boss
24	723-04025	1		Foot Pad, Abrasive, RH
25	723-04026	1		Foot Pad, Abrasive, LH
26	720-04009	1	S	Knob, 3/8-16, .625
27	726-0201	1		Nut, Speed, .3125 Id
28	732-1184	1	/P	Spring, Extension, .84 Dia x 4.6 Lg.
29	736-0101	1	S	Washer, Flat, .406 x 1.00 x .030
30	738-0296	1	S	Screw, Shoulder, .437 x .268, 5/16-18
31	738-04012	1	S	Screw, Shoulder, .625 x .175, 3/8-16
32	783-0209C	1	S	Lift Bracket, Seat
33	783-04081A	1		Pivot Bracket, Seat
34	757-04021A	1	S	Seat, Low Back
	757-04020A	1	S	Seat, Medium Back
35	710-0870	1	/P	Screw, 3/8-16, .625
36	710-0599	1	/P	Screw, 1/4-20, 0.500
37	710-0726	1	/P	Screw, 5/16-12, 0.750
38	710-0134	1	/P	Screw, Carriage, 1/4-20, .62 Gr2
39	731-04591A	1	/P	Cup Holder
40	783-04587	1		Fender
41	736-0173	1	/P	Washer, Flat, .28 x .74 x .063
42	783-1489A	1	/P	Mounting Bracket, Seat
43	712-04064	1	/P	Nut, Flange Lock, 1/4-20, Gr F, Nylon



13A2771G790 LT-542G (2005)
Fuel and Air Assembly

Page 18 of 31

Ref #	Part Number	Qty	S/P/F	Description
2	TC-27652	2		Dowel Pin
11	TC-36302	1		Check Valve
11A	TC-36303	1		Breather Plate
11B	TC-650902	1		Screw, 10-32 x 7/16"
14	TC-37363	1		Washer
15	TC-37364	1		Governor Rod
15B	TC-650738	1		Screw, 1/4-20 x 5/8"
16	TC-37413	1		Governor Lever
16A	TC-37414	1		Governor Spring Bracket
16D	TC-37415	1		Governor Spring, Hi-speed
16E	TC-37417	1		Governor Idle Spring
16F	TC-37418	1		Bell Crank Lever
17C	TC-37429	1		Breather Tube Clamp
19	TC-37416	1		Throttle Spring
30	TC-37371	1	S	Crankshaft
35	TC-651069	1		Screw, Carriage 1/4-20 x 1-1/2"
37	TC-650456	1		Lock Nut, 1/4-20
38	TC-37365	1		Retaining Ring
40	TC-40040	1		Piston, Pin & Ring Set (Std.)
40	TC-40041	1		Piston, Pin & Ring Set (.010"OS)
41	TC-40038	1		Piston & Pin Ass'y. (Std.) (Incl. 43)
41	TC-40039	1		Piston & Pin Ass'y.(.010"OS)(Incl.43)
42	TC-40013	1		Ring Set (Std.)
42	TC-40014	1		Ring Set (.010"OS)
43	TC-27888	2		Piston Pin Retaining Ring
45	TC-37372	1		Connecting Rod Ass'y. (Incl. 46)
46	TC-651063	4		Connecting Rod Bolt
48	TC-37373	4		Valve Lifter
50	TC-37374	1	S	Camshaft (MCR)
52	TC-37305	1		Oil Pump Ass'y.
52A	TC-37382	1		Oil Pump Shaft
52B	TC-36333	1		O Ring
52C	TC-36334	1		Oil Pump Cover (Incl. 52B)
52D	TC-650888	3		Screw, T-30 1/4-20 x 43/64"
52E	TC-37383	1		Oil Pump Gear
52F	TC-37384	1		Oil Pump Gear Retaining Ring
60A	TC-650773	4		Screw, 1/4-20 x 1/2"
69	TC-37377	1	/P	Mounting Flange Gasket
70	TC-37378	1		Mounting Flange (Incl. 72,72A,75,80,381-387)
72	TC-31927	1		Oil Drain Plug, 3/18-18
72A	TC-28534	1		Oil Drain Plug, 3/8-18
72C	TC-37651	1		Oil Drain Valve
75	TC-36301	2	/P	Oil Seal (1 in Ref 1, 1 in Ref 70)
75A	TC-37369	1		Oil Seal (Governor Shaft)
80	TC-37379	1		Governor Shaft
81	TC-37381	1		Washer (Governor Shaft)
82	TC-37380	1		Governor Gear Ass'y.
83	TC-35322	1		Governor Spool
84	TC-29193	1		Retaining Ring
86	TC-651064	9		Screw, 5/16-18 x 1-15/32"
89	TC-650592	1		Flywheel Key
90	TC-611243	1		Flywheel (Incl. 91 & 91A)
91	TC-611241A	1		Flywheel (Incl. 91 & 91A)

13A2771G790 LT-542G (2005)
Fuel and Air Assembly

Page 19 of 31

Ref #	Part Number	Qty	S/P/F	Description
91A	TC-611242	1		Flywheel Retainer
92	TC-651082	1		Lock Washer, Flywheel (Under Ref. 93)
93	TC-650594	1		Flywheel Nut
100	TC-37395	2	/P	Solid State Ignition (Incl. 101)
101	TC-610118	2		Spark Plug Cover
102	TC-651024	4		Solid State Mounting Stud
103	TC-651007	6		Screw, T-15 10-24 x 15/16"
119	TC-37388	2		Cylinder Head Gasket
120	TC-37387	1		Cylinder Head, Opp. Breather Side
120A	TC-37389	1		Cylinder Head, Breather Side
125	TC-36934	2		Exhaust Valve (Std.)
126	TC-36935	2		Intake Valve (Std)
127	TC-650691	12		Flat Washer
128	TC-650690	12		Belleville Washer
130	TC-650697A	12		Screw, 5/16-18 x 2-1/2"(Head Mount)
135	TC-34645	2	/P	Spark Plug (RN4C)
150	TC-33507	4		Valve Spring
151	TC-33508	4		Valve Keeper Retainer & Cap Set
151A	TC-35862	2		Valve Seal
153	TC-37390	2		Push Rod Guide
154	TC-650945	1		Rocker Arm Stud
155	TC-35950	1		Rocker Arm
158	TC-37391	4	/P	Push Rod
159	TC-35952	2	/P	Rocker Arm Cover Gasket
160	TC-35953A	1		Rocker Arm Cover, Opp. Breather Side
160A	TC-37392	1		Rocker Arm Cover, Breather Side
161	TC-30063	10		Screw, T-30 1/4-20 x 1/2"
161A	TC-651034	2		Stud, Valve Cover Mounting
162	TC-650947	1		Rocker Arm Jam Nut, 5/16-24
163	TC-650890	4		Internal Lock Washer, 5/16"
169	TC-37367	1		Valve Cover Gasket
171	TC-37366	1		Breather Element
172	TC-37368	1		Valve Cover
173	TC-37393A	1	/P	Breather Tube
173A	TC-37410	1		Breather Tube Grommet
173B	TC-37409	1		Breather Tube Fitting
177	TC-651067	4		Carbuertor Mounting Stud
184	TC-36352	1	/P	Carburetor to Intake Pipe Gasket
185	TC-37396	1		Intake Pipe (Incl. 387A)
186	TC-37404	1		Governor Link
186A	TC-37405	2		Choke Link
200	TC-37400	1		Control Bracket
207	TC-37406	1		Throttle Link
210	TC-27793	2	/P	Conduit Clip
211	TC-28942	2	/P	Screw, 10-32 x 3/8"
212	TC-37370	4		Bushing
217	TC-37419	1		Control Lever
218	TC-651070	2		Screw, 10-32 x 1-1/4"
223	TC-650971	4		Screw, T-30 5/16-18 x 7/8"
224	TC-33515A	2		Intake Pipe Gasket (Pipe to Head)
234	TC-650928	4		Lock Nut, 1/4-20
238	TC-650902	2		Screw, 10-32 x 7/16"
239	TC-36358	1	/P	Valve Cover Gasket

13A2771G790 LT-542G (2005)
Fuel and Air Assembly

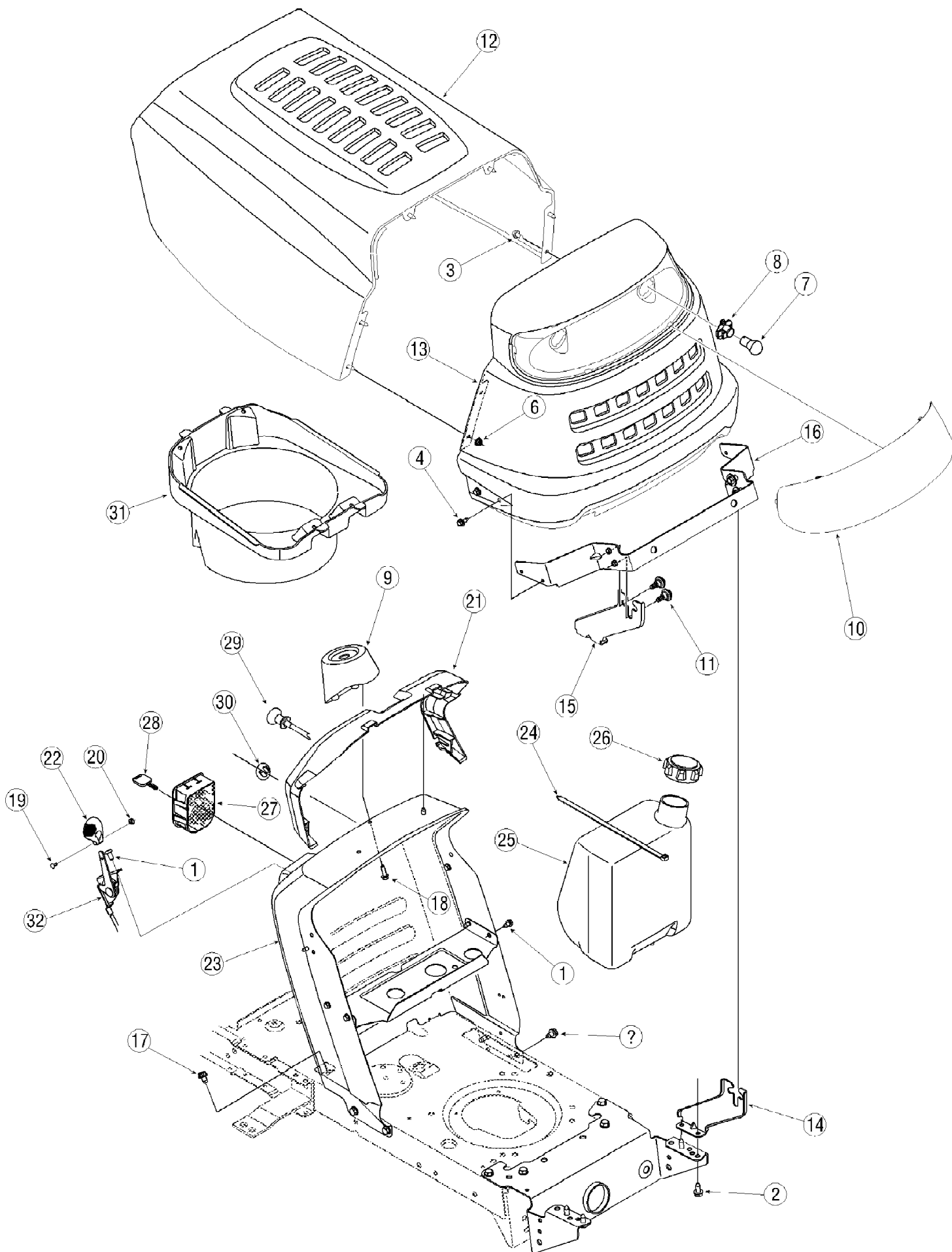
Page 20 of 31

Ref #	Part Number	Qty	S/P/F	Description
240	TC-37691	1		Air Cleaner Body Ass'y. (Incl. 239)
245	TC-37360	1	/P	Air Cleaner Filter (Paper)
245B	TC-37361	1	/P	Air Cleaner Pre-Filter (Poly)
246	TC-37407	6	/P	Connector Bushing Link
250	TC-37690	1		Air Cleaner Cover
251	TC-37689	2	/P	Wing Nut, 1/4-20 X 1-19/32" (A/C)
253	TC-37376	1		Compression Release Weight
253A	TC-37424	1		Compression Release Pin
254	TC-37375	1		Compression Release Spring
255	TC-37420	1		Control Cover
260	TC-37398	1		Blower Housing (Red)
261	TC-650737	3		Screw, 1/4-20 x 1/2"
265	TC-37627	1		Cylinder Head Cover, Opp. Breather
265A	TC-37628	1		Cylinder Head Cover, Breather Side
270A	TC-35829A	2		Exhaust Port Liner
286	TC-37394	1		Flywheel Screen
287	TC-651066	4		Screw, T-20 8-18 x 1-15/32"
290	TC-30962	1		Fuel Line (17")
291	TC-29774	1		Fuel Line (8-1/4")
291A	TC-29774	1		Fuel Line (8-1/4")
291B	TC-29774	2		Fuel Line (8-1/4")
291C	TC-34357	1		Fuel Line (6-3/4")
292	TC-26460	2	/P	Fuel Line Clamp
292A	TC-37399A	1	/P	Fuel Line Retainer
293	TC-35787A	1	/P	Pulse Pump
293A	TC-650931	2		Screw, 8-32 x 1-1/2"
294	TC-35791	1		Pulse Pump Repair Kit
295A	TC-37422	1	S	Fuel Fitting
296	TC-37768	1	/P	Fuel Filter (Incl. 292)
303	TC-32958	1		Pulse Pump/Fuel Fitting
305	TC-36349	1		Oil Fill Tube
306	TC-37401	1		O-Ring (Oil Fill, Bottom)
307	TC-35499	1	/P	O-Ring Oil Fill,(Top)
309	TC-650974	1		Screw, 1/4-20 x 57/64"
310	TC-37421	1		Dipstick
315	TC-611280	1	/P	Alternator Coil (3/5 Split) (Incl.321- 323)
321	TC-611161	1	/P	Diode
322	TC-611281	1		Connector Body
323	TC-611282	2		Terminal
325	TC-36342	1		Wire Clip
330	TC-37739	1		Wire Harness, Twin-Solenoid (Red), and Ignition Ground (Green)
330A	TC-37403	1		Twin-Solenoid Ground Wire (Black)
342	TC-651031	2		Screw, 1/4-20 x 9/16"(Ref. 240 & 265)
346	TC-36413	1		Fuel Pump Bracket
347	TC-650898A	1		Screw, 10-32 x 27/32"
361	TC-651065	2		Screw, 5/16-18 x 2-3/8"
370A	TC-35274	1		Lubrication Decal
380	TC-640221	2	/P	Carburetor (Incl. 184 & 428)
381	TC-650767	1		Screw, 8-32 x 27/64"
382	TC-36931	1		Oil Strainer Screen
383	TC-37411	1		Carburetor Baffle

13A2771G790 LT-542G (2005)
Fuel and Air Assembly

Page 21 of 31

Ref #	Part Number	Qty	S/P/F	Description
384	TC-30200	1	/P	Screw, 10-24 x 9/16" Self Tap
385	TC-570673	1		Ball
386	TC-36329	1		Pressure Release Spring
387	TC-37652	1		Cotter Pin
387A	TC-37397	1		Roll Pin
395	TC-37284	1	/P	Electric Starter Motor (12 Volt)
400	TC-37423	1		Gasket Set (Incl. Items Marked PK in Notes)
406	TC-611221	2	/P	Fuel Shut-Off Solenoid
428	TC-37362	1		Spacer
475	TC-36563	1	/P	Oil Filter
476	TC-36929	1	/P	Oil Filter Adaptor (Incl. 479)
477	TC-650378	2		Screw, T-30 5/16-18 x 1 3/32"
479	TC-36930	1		Oil Filter Adaptor Gasket



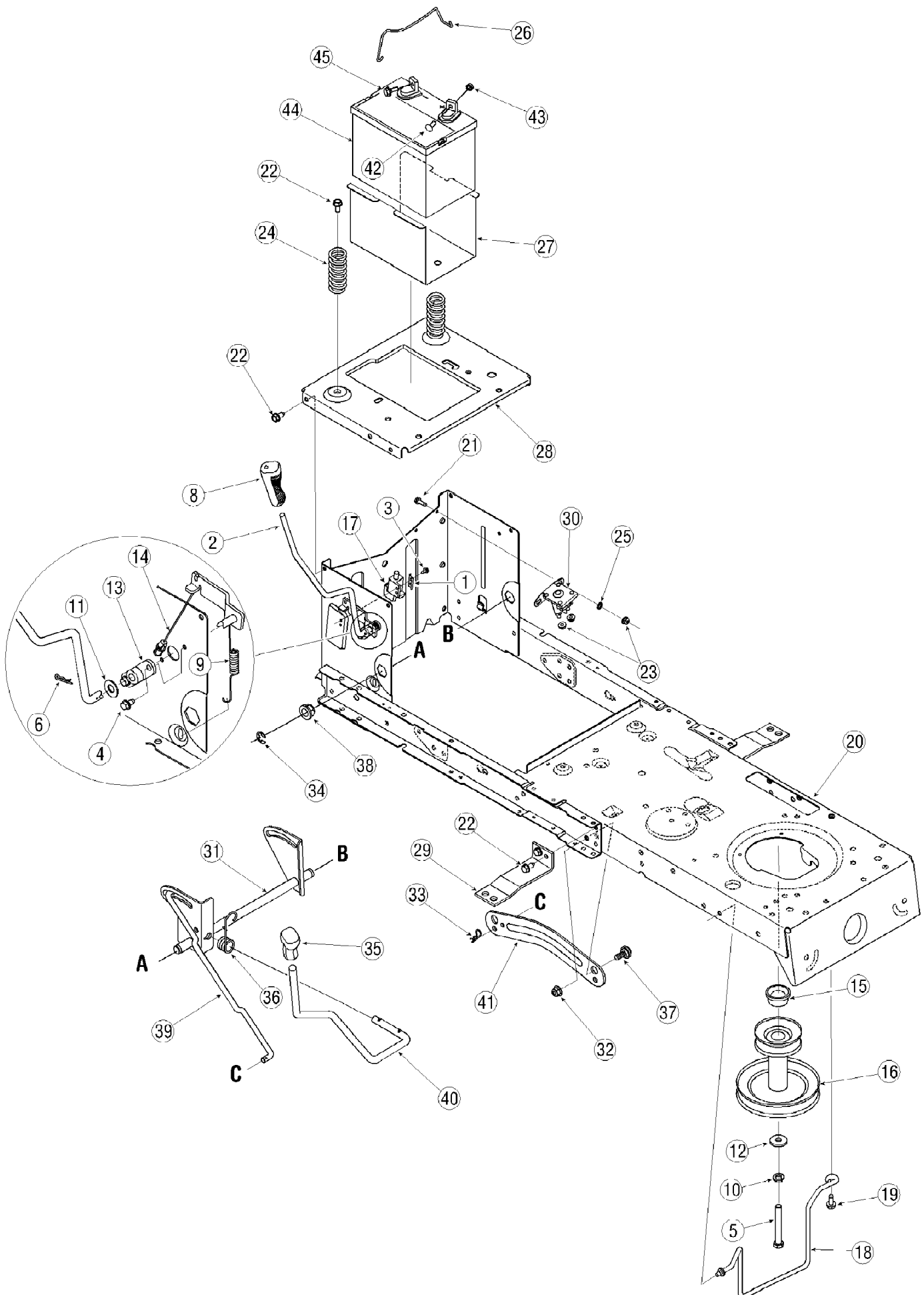
13A2771G790 LT-542G (2005)
Hood Assembly

Page 23 of 31

Ref #	Part Number	Qty	S/P/F	Description
1	710-0599	1	/P	Screw, 1/4-20, 0.500
2	710-0726	1	/P	Screw, 5/16-12, 0.750
3	710-0751	1	/P	Screw, 1/4-20, .620, Gr5
4	710-1652	1	/P	Screw, 1/4-20, .625
5	712-0185	1		Nut, 1/4-20, Speed U-type
6	712-04064	1	/P	Nut, Flange Lock, 1/4-20, Gr F, Nylon
7	725-0963	1	S	Headlamp, 12V
8	725-1649	1	S	Headlamp Socket
9	731-04947	1	S	Collar, Dash
10	731-04949	1	S	Lens
11	738-04091	1	S	Screw, Shoulder, .43 x.29, 5/16-18
12	783-04551	1		Hood
13	783-04552	1		Grille
14	783-04577	1	S	Pivot Bracket, LH
15	783-04578	1	S	Pivot Bracket, RH
16	783-04621	1	S	Pivot Bracket, Grille
17	710-0607	1	/P	Screw, 5/16-18, 0.500
18	710-0895	1		Screw, 1/4-15, 0.750
19	710-3217	1	/P	Screw, Machine, #8-32, 0.375
20	712-0142	1	/P	Nut, Hex, #8-32, Gr A
21	731-04945	1		Support, Steering
22	731-1857	1		Knob, Control
23	683-04189	1	S	Dash Assembly
23	783-04584	1	S	Bracket Support, Gas Tank
24	726-0230	1	/P	Cable Tie, 34.75
25	751-0555B	1	/P	Fuel Tank, 1.5 gal.
26	751-0603	1	S	Fuel Tank Cap
27	725-04227	1	S	Module, Ignition Switch
28	725-1744	1	S	Key
29	746-1085A	1	S	Choke Control, 37.5"
30	731-1999	1		Plug
31	731-05147	1	S	Plenum (Single Cylinder Engine)
32	746-1084	1	S	Throttle/Choke Control, 25" (Single Cylinder Engine)

13A2771G790 LT-542G (2005)
PTO, Frame & Battery

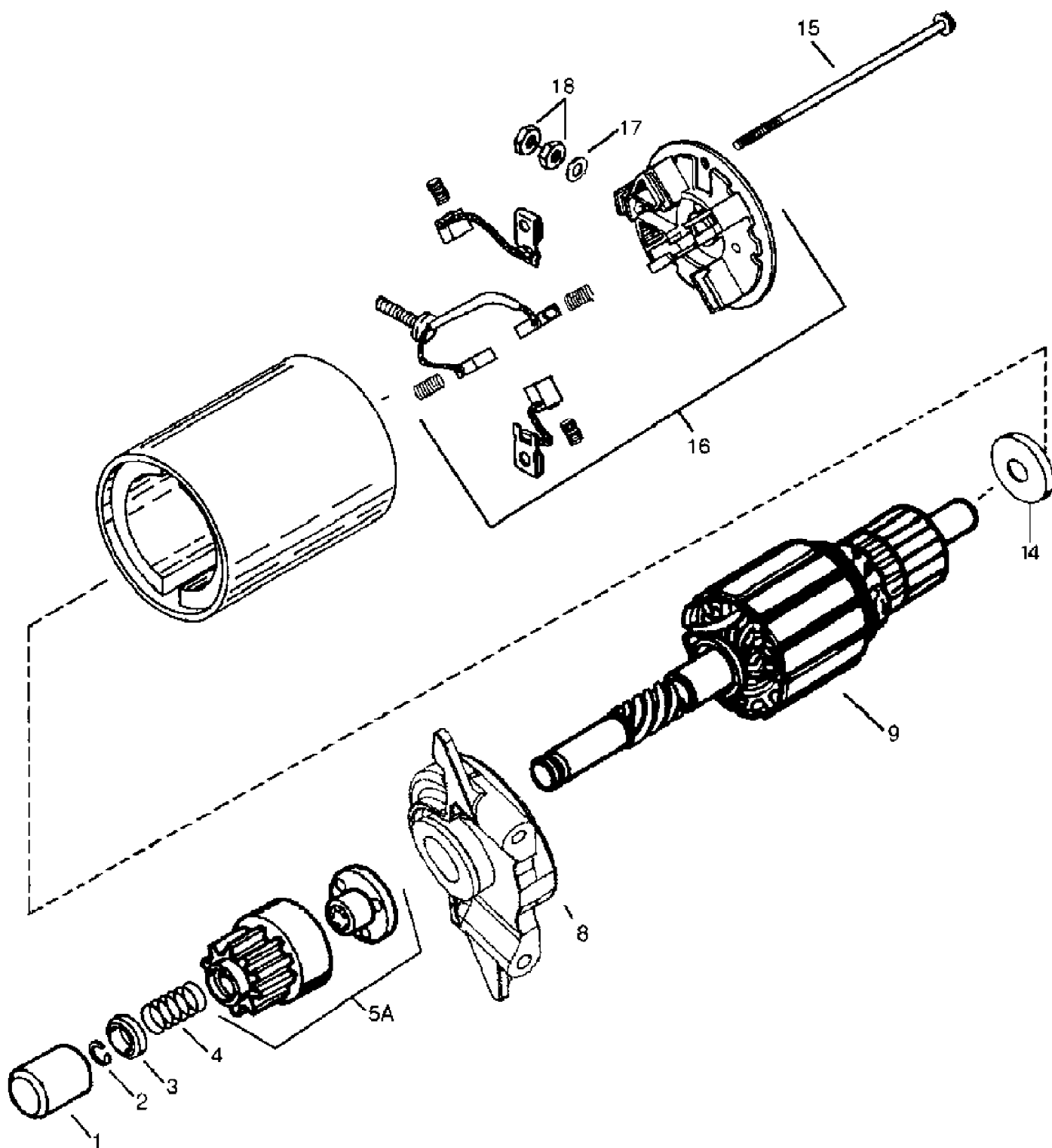
Page 24 of 31



13A2771G790 LT-542G (2005)
PTO, Frame & Battery

Page 25 of 31

Ref #	Part Number	Qty	S/P/F	Description
1	17962	1		Plate, Switch
2	647-04040	1		Handle Asswmbly, PTO
3	710-0224	1	S	Screw, #10-16, 0.500
4	710-0599	1	/P	Screw, 1/4-20, 0.500
5	710-3157A	1	/P	Screw, 7/16-20, 3.25, Gr5
6	714-0104	1	S	Pin, Cotter, .072 Dia. x 1.13
7	714-0145	1	S	Pin, Click, .092 x 1.64
8	720-04049	1	S	Grip, Handle, 3/8
9	732-04276	1	S	Spring, Extension
10	736-0171	1	S	Washer, Lock, 7/16
11	736-0300	1	S	Washer, Flat, .406 x .875 x .059
12	736-0322	1	/P	Washer, Flat, .450 x 1.250 x .164
13	741-04119	1	S	Bearing, PTO
14	746-04173	1	S	Cable, Deck Engagement
15	750-0956	1		Spacer, 1.010 x 1.400 x .825
16	756-04064A	1	S	Engine Pulley, 3.39 x 6.12 Dia.
17	725-04039	1	S	Switch, Interlock
18	747-04332	1	S	Rod, Belt Keeper (38-inch Deck)
	747-04307	1	S	Rod, Belt Keeper (42-inch Deck)
19	710-1260A	1	/P	Screw, 5/16-18, .750
20	683-04163	1		Frame Assembly
21	710-0642	1	/P	Screw, 1/4-20, 0.750
22	710-0726	1	/P	Screw, 5/16-12, 0.750
23	712-04064	1	/P	Nut, Flange Lock, 1/4-20, Gr F, Nylon
24	732-04035	1		Spring, Compression, 1.28 OD x 3.125
25	736-0222	1	S	Washer, Lock, 1/4
26	747-04121A	1		Hold Down Rod, Battery
27	783-0349	1		Tray, Battery
28	783-04548	1	S	Seat Bracket, Frame
29	783-04637	1	S	Bracket, Runing Board
30	725-1426	1	S	Solenoid
31	683-04155	1	S	Shaft Assembly, Lift
32	712-04065	1	/P	Nut, Flange Lock, 3/8-16, Gr F, Nylon
33	714-04023	1	S	Pin, Cotter, .080 x 1.5625 Internal
34	716-0106A	1		Ring, E-Type, .625 Dia.
35	720-0311	1		Grip, Handle, 1/2
36	732-04225	1		Spring, Torsion
37	738-04130	1		Screw, Shoulder, .625 x .175, 3/8-16
38	741-0225	1	S	Bearing, Hex Flange
39	747-04272	1		Rod, Lift
40	747-04282	1		Deck Handle, Lift
41	783-04494	1		Lift Arm, Deck
42	710-0703	1	/P	Screw, Carriage, 1/4-20, .75, Gr5
43	712-0271	1	/P	Nut, Sems, 1/4-20
44	725-1737A	1	S	Battery, 190 CCA (Single Cylinder Engine)
45	738-1132	1		Screw, Shoulder, .250 x .150, 1/4-20



13A2771G790 LT-542G (2005)
Starter

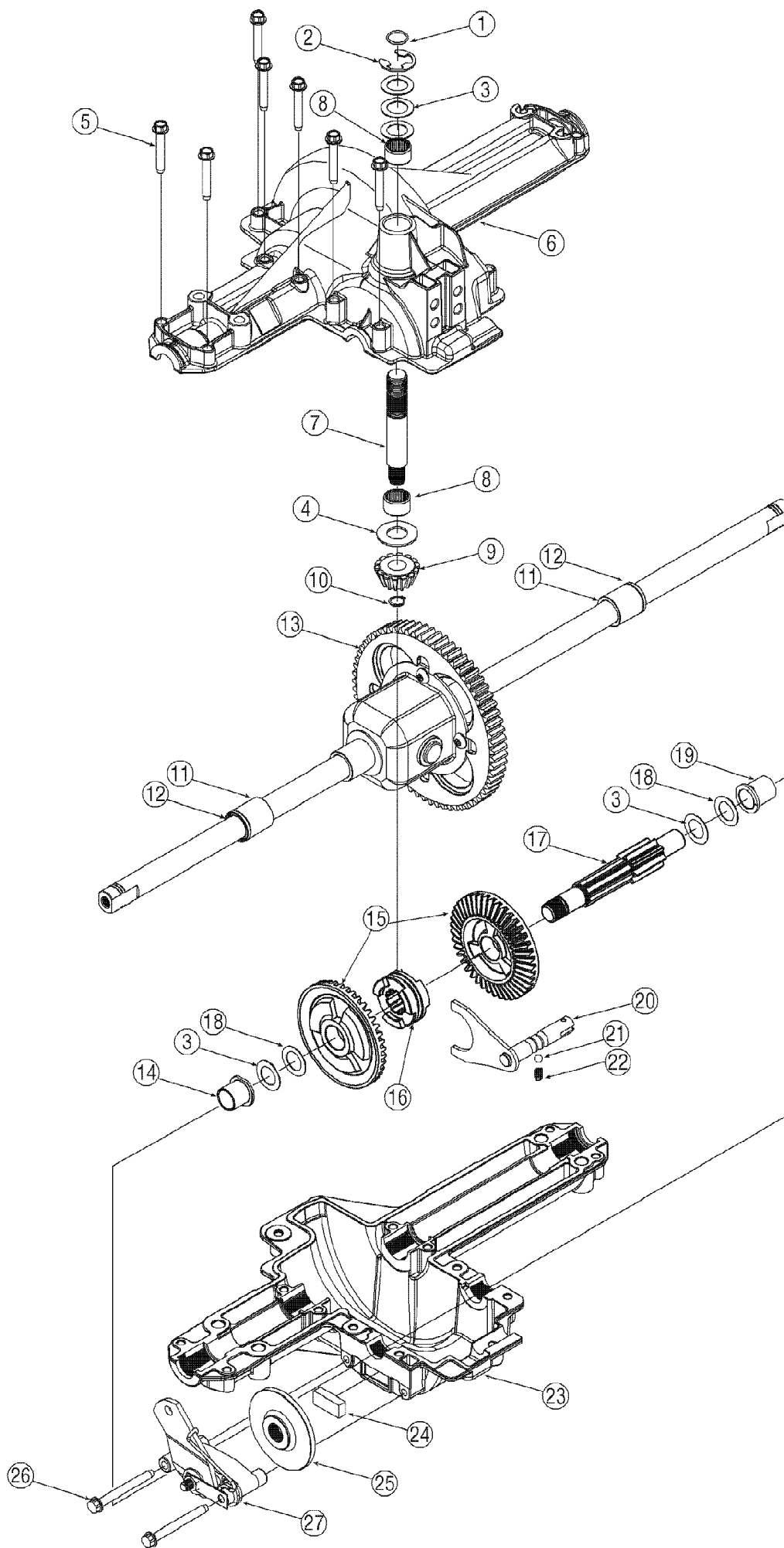
Page 27 of 31

Ref #	Part Number	Qty	S/P/F	Description
	TC-37284	1	/P	Electric Starter (12 Volt)
1	TC-33841	1		Dust Cover
2	TC-33842	1		Retainer Ring
3	TC-33843	1		Spring Retainer
4	TC-33854	1		Anti-drift Spring
5A	TC-36853	1		Gear & Nut (Incl. 2)
8	TC-37354	1		Drive End Cap Assembly
9	TC-37355	1		Armature
14	TC-35897	1		Thrust Washer
15	TC-36856	1		Case Bolt
16	TC-37356	1		End Cap & Brush Card Ass'y (Incl.14,17 & 18)
17	TC-650168	1		Washer
18	TC-650864	1	/P	Nut

13A2771G790 LT-542G (2005)
Steering, Front Wheels & Axle

Page 29 of 31

Ref #	Part Number	Qty	S/P/F	Description
1	617-04024	1	S	Gear Assembly, Steering
2	710-0376	1	/P	Screw, 5/16-18, 1.00, Gr5
3	710-0643	1	/P	Screw, 5/16-18, 1.00, Gr5, Lock
4	710-1309	1	/P	Screw, Mach, 5/16-18, 0.750
5	710-3180	1	/P	Screw, 5/16-18, 1.75, Gr5
6	712-0240	1	S	Nut, Jam, 7/16-20, Gr2
7	712-0262	1	/P	Nut, Jam Lock, 3/8-24, Gr2
8	712-04063	1	/P	Nut, Flange Lock, 5/16-18, Grf, Nylon
9	731-0484A	1	S	Hub Cap
10	723-0448A	1	S	Ball Joint, 7/16-20, Lock
11	736-0242	1	/P	Washer, Bell, .340 x .872 x .060
12	783-04568	1		Front Hanger Bracket, Deck
13	738-04141	1		Screw, Shoulder, .435 x .3485, 5/16-18
14	738-0919	1	S	Steering Shaft, 5/8 Spline x 21.86
15	741-04124	1	S	Bearing, Flange, Hex 5/8
16	741-0475	1	S	Plastic Bushing .380 ID
17	747-04298	1		Drag Link, Steering
18	748-0389	1	S	Cap, 1.25 x .16
19	748-04065	1	S	Steering, Block
20	748-04068	1		Spacer, .710 ID x .125 OD x .56
21	750-04418	1		Spacer, .322 ID x .625 OD x .21
22	783-04644	1	S	Stabilizer Plate, Gear Segment
23	638-04007	1	S	Axle Assembly, LH
24	638-04008	1	S	Axle Assembly, RH
25	683-0128B	1	/P	Pivot Bar
26	710-0726	1	/P	Screw, 5/16-12, 0.750
27	712-04065	1	/P	Nut, Flange Lock, 3/8-16, Gr F, Nylon
28	714-04039	1		Pin, Cotter, 5/32, 1.25
29	714-0470	1	S	Pin, Cotter, 1/8 x 1.25
30	726-0341	1	/P	Push Cap, 3/4
31	731-1291A	1	S	End Cap, Pivot Bar (w/ Fitting)
32	736-0316	1	S	Washer, Flat, .78 x 1.59 x .060
33	738-04128	1		Screw, Shoulder, .500 x 2.380, 3/8-16
34	741-0660A	1	/P	Bearing, Flange, .760 x .941 x 1.0
35	747-04299	1	S	Tie Rod
36	783-04601	1	S	Bracket, Pivot
37	731-04057A	1		Axle End Cap, Standard
38	631-04028	1		Steering Wheel, Standard Grip
	631-04008	1	S	Steering Wheel, Soft Grip
39	731-04039	1		Cap, Steering Wheel (no logo)
	731-04040	1		Cap, Steering Wheel (sprig logo)
	731-04681	1		Cap, Steering Wheel (tine logo)
40	634-04086	1		Wheel Assembly
	734-1731	1		Tire Only, 15 x 6 x 6
	634-04081	1	S	Rim Assembly (Incl. bearings and valve stem)



13A2771G790 LT-542G (2005)
Transmission Assembly

Page 31 of 31

Ref #	Part Number	Qty	S/P/F	Description
1	732-0614	1		Ring, Wire
2	716-0231	1	S	Ring, E Type,.750
3	736-0336	1	S	Flat Washer, 5/8 x 1.0 x.030 Use applicable flat washer (ref. #'s 3 or 18) in this application allowing .0150/.0020 in. end-play
3	736-0337	1	S	Flat Washer, 5/8 x 1.0 x.040 Use applicable flat washer (ref. #'s 3 or 18) in this application allowing .0150/.0020 in. end-play
3	736-0349	1	S	Flat Washer, 5/8 x 1.0 x.020 Use applicable flat washer (ref. #'s 3 or 18) in this application allowing .0150/.0020 in. end-play
4	736-0335	1	S	Washer, Thrust.635 x 1.26 x.06
5	710-1325	1	/P	Self-tapping Screw, 1/4-20 x 1.625
6	719-04017	1	S	Upper Housing
7	711-1109	1		Input Shaft
8	741-0335	1	S	Needle Bearing,.625 x.813 x.495
9	717-1464	1		14-tooth Bevel Pinion
10	716-0108	1	S	Retaining Ring,.437
11	741-0340	1	S	Sleeve Bearing,.75 x 1.0 x 1.0
12	721-0338	1	S	Seal,.75 x 1.0 x.125
13	618-04041A	1	S	Differential Assembly
14	741-0336	1	S	Flange Bearing, 5/8 x 3/4 x 3/4
15	717-04056	1	S	42-tooth Bevel Gear
16	718-04045	1	S	Clutch Collar
17	711-04134	1	S	Drive Shaft
18	736-0495	1	S	Thrust Washer, 1.0 x.632 x.0 Use applicable flat washer (ref. #'s 3 or 18) in this application allowing .0150/.0020 in. end-play
18	736-0494	1		Flat Washer,.632 x 1.00 x.035 Use applicable flat washer (ref. #'s 3 or 18) in this application allowing .0150/.0020 in. end-play
19	741-0337	1	S	Flange Bearing, 5/8 x 3/4 x 15/16
20	611-0011	1	S	Detent Shaft Assembly
21	741-0862	1	/P	Detent Ball
22	732-0863	1	S	Compression Spring
23	719-04018	1	S	Lower Housing
24	717-0678	1	S	Brake Puck
25	761-0202	1		Brake Disc
26	710-1206	1	/P	Self-tapping Screw, 1/4-20 x 2.375
27	661-0001	1	S	Brake Assembly
	737-0148	1	S	Grease (19 oz.)
	918-04034	1	S	Transmission, Single-speed