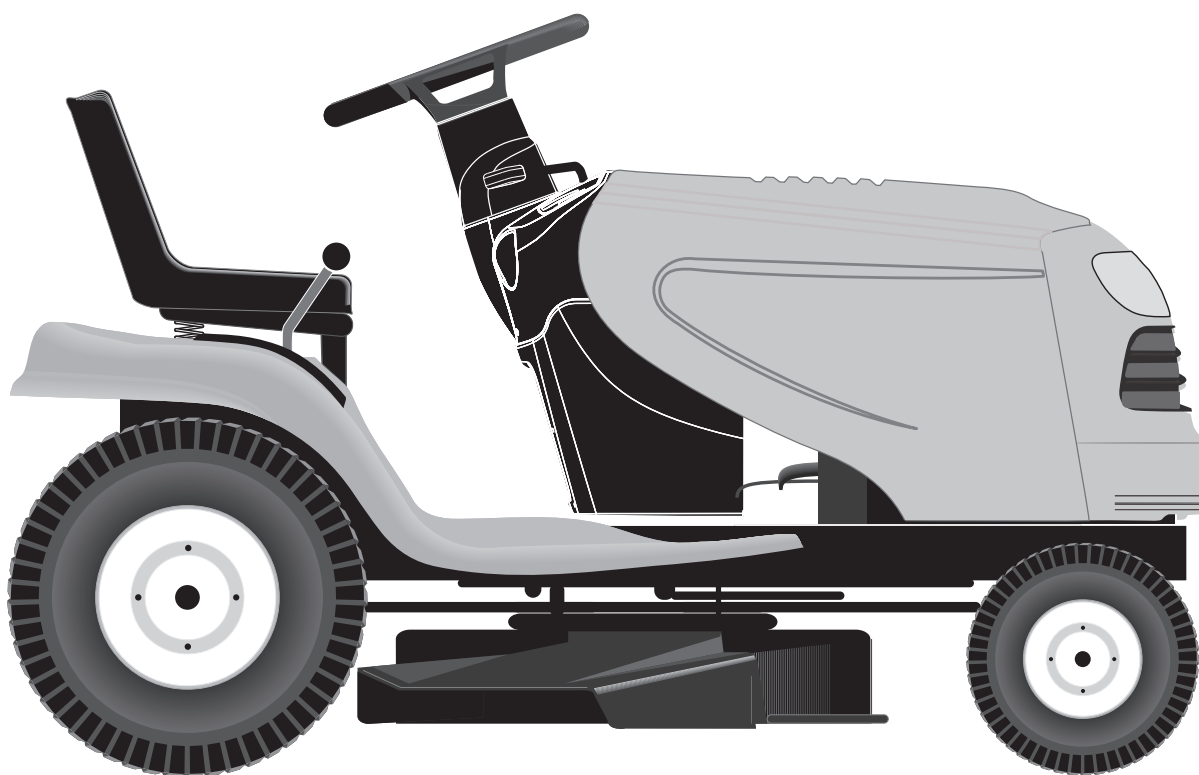


IMPORTANT MANUAL

Do Not Throw Away

Poulan PRO



REPAIR PART'S MANUAL

MODEL:

PB20H42LT
LAWN TRACTOR

ALWAYS WEAR EYE PROTECTION DURING OPERATION

Visit our website: www.poulanpro.com

⚠ WARNING:

Read this Manual and follow all Warnings and Safety Instructions. Failure to do so can result in serious injury.

583 97 12-33 Rev. 2

02.21.13 BD
Printed in the U.S.A.

HOW TO USE THIS MANUAL

This manual is designed to provide the customer with a means to identify the parts on his/her tractor when ordering repair parts. The illustrations may or may not represent the actual assemblies; therefore, it is not recommended to use this manual as a guide to assemble or disassemble the tractor. Some hardware and parts are drawn larger in order to more readily identify them.

Each tractor has its own model number.

The model number for your tractor can be found on the fender under the seat.

When ordering parts, always give the following information:

- Product - “Tractor”
- MODEL NUMBER - “PB20H42LT (96042014800)”
- Part Number
- Part Description

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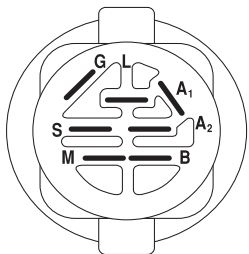
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TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
SCHEMATIC

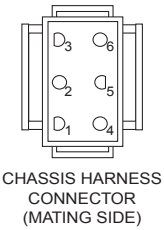
SCH11

NOTE
YOUR TRACTOR IS EQUIPPED WITH A SPECIAL ALTERNATOR SYSTEM. THE LIGHTS ARE NOT CONNECTED TO THE BATTERY, BUT HAVE THEIR OWN ELECTRICAL SOURCE. BECAUSE OF THIS, THE BRIGHTNESS OF THE LIGHTS WILL CHANGE WITH ENGINE SPEED. AT IDLE THE LIGHTS WILL DIM. AS THE ENGINE IS SPEEDED UP, THE LIGHTS WILL BECOME THEIR BRIGHTEST.

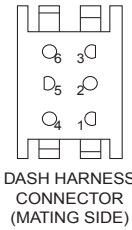


IGNITION SWITCH

POSITION	CIRCUIT	"MAKE"
OFF	M+G+A1	
RUN/OVERRIDE	B+A1	
RUN	B+A1	L+A2
START	B + S + A1	

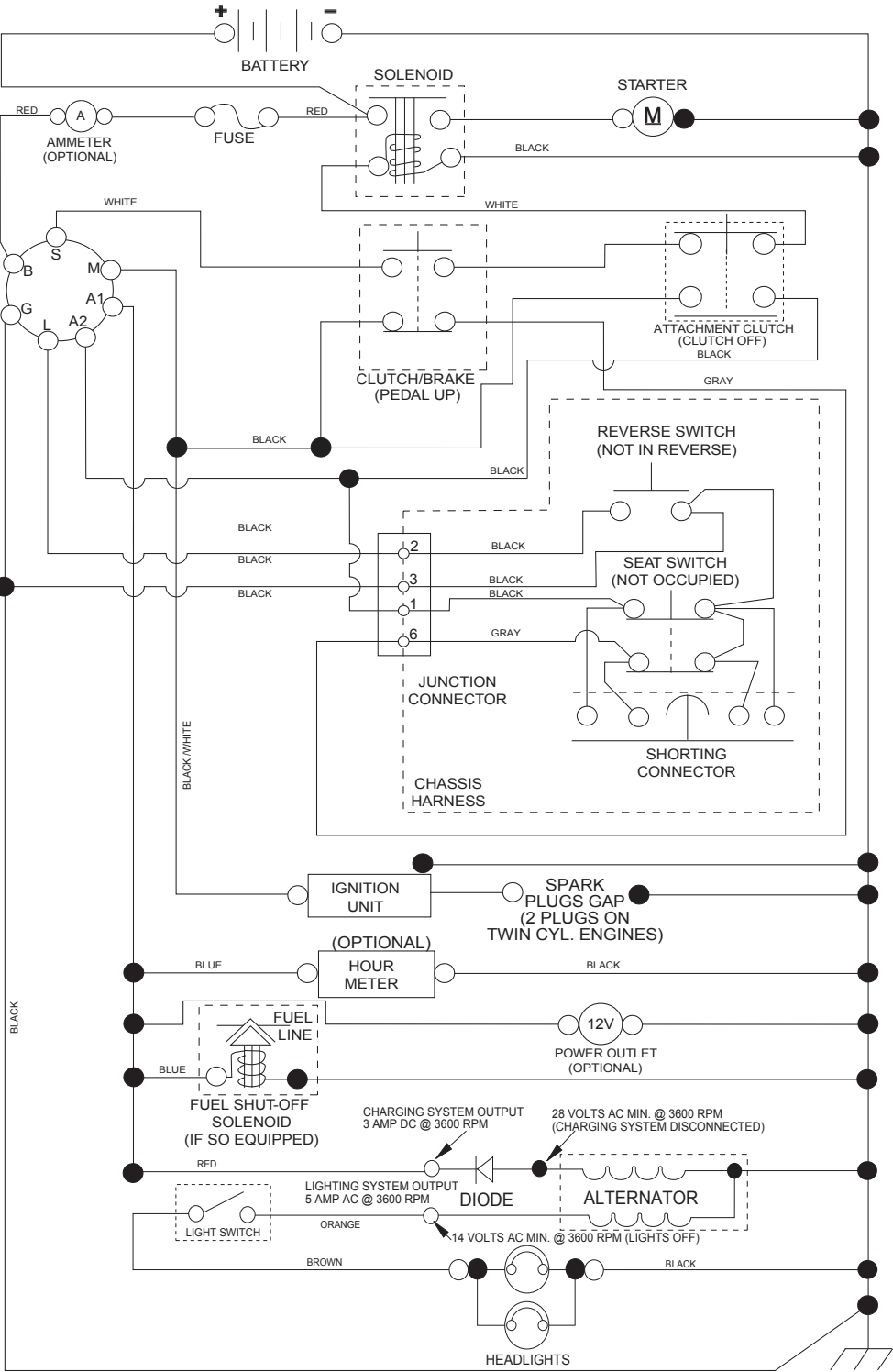
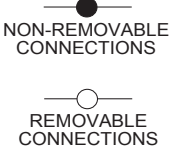


CHASSIS HARNESS
CONNECTOR
(MATING SIDE)



DASH HARNESS
CONNECTOR
(MATING SIDE)

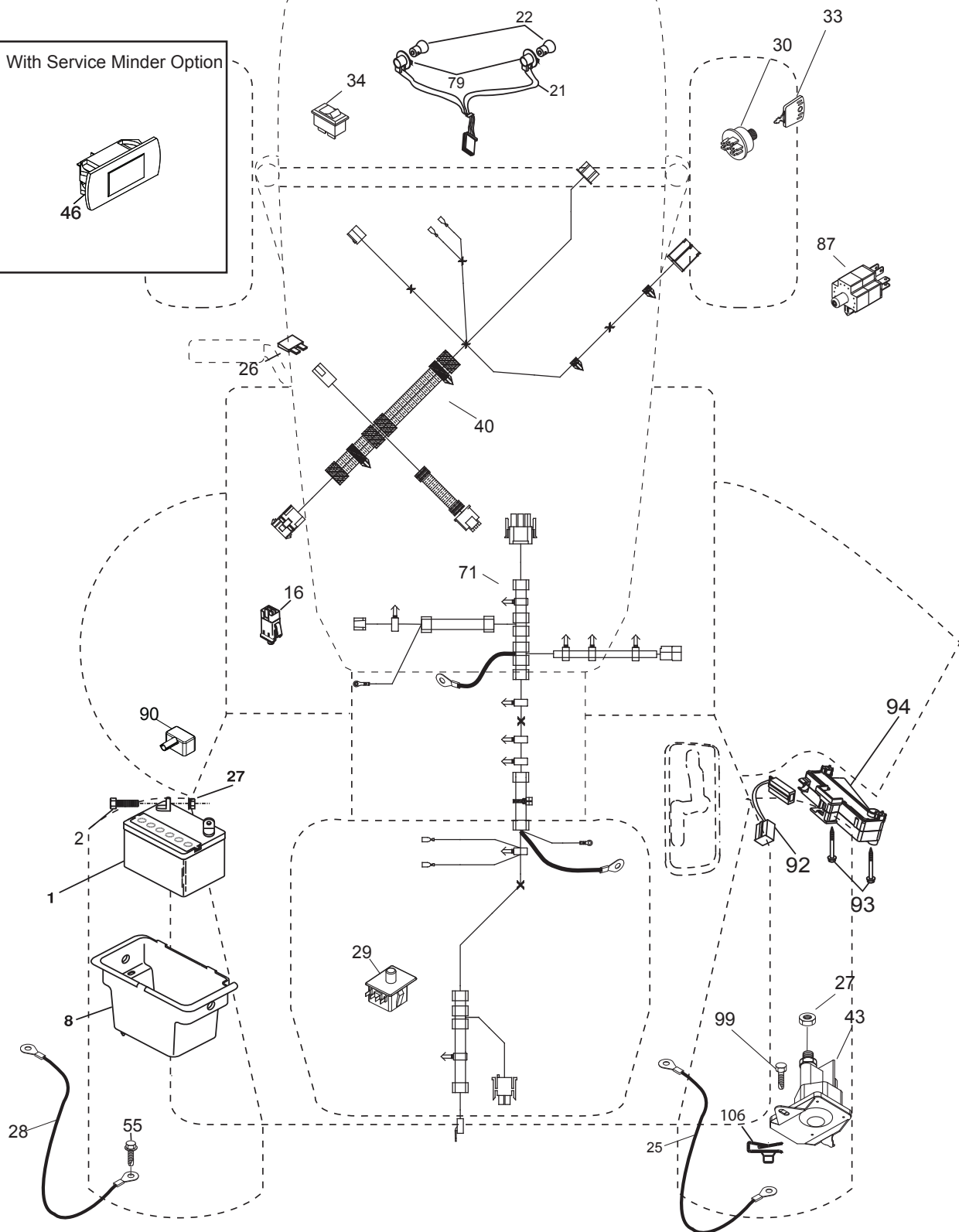
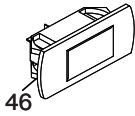
WIRING INSULATED CLIPS
NOTE: IF WIRING INSULATED CLIPS WERE REMOVED FOR SERVICING OF UNIT, THEY SHOULD BE RE-INSTALLED TO PROPERLY SECURE YOUR WIRING.



TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
ELECTRICAL

TR01K

With Service Minder Option

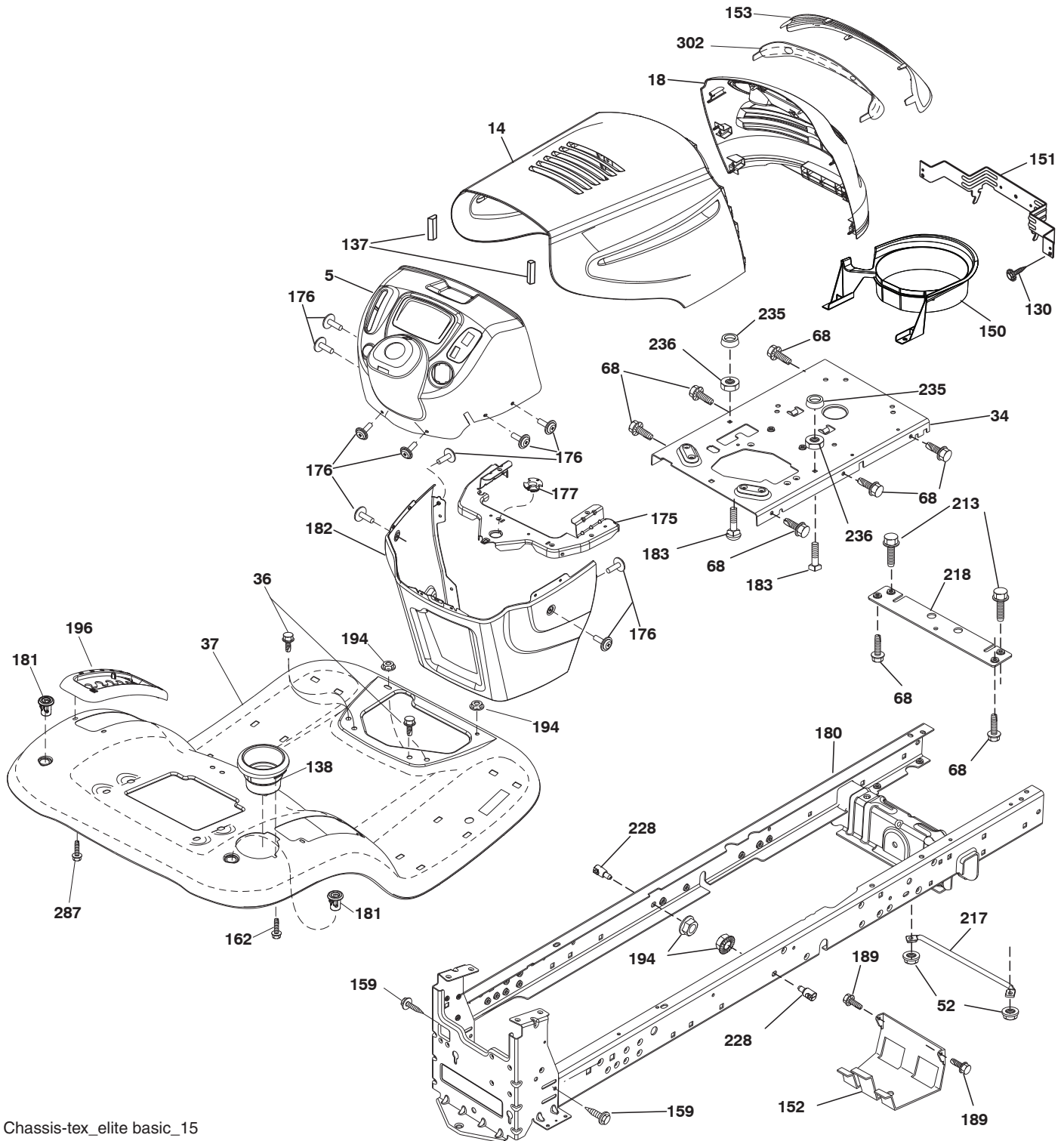


**TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
ELECTRICAL**

KEY NO.	PART NO.	DESCRIPTION
1	532 16 34-65	Battery
2	874 76 04-12	Bolt Hex Hd 1/4-20 unc x 3/4
8	532 19 32-28	Box Battery
16	532 17 61-38	Switch Interlock
21	532 18 37-59	Harness Socket Light
22	532 00 41-52	Bulb, Light #1156
25	581 49 80-01	Cable Starter 6 Ga. BL/Red 14.5
26	532 17 51-58	Fuse
27	873 51 04-00	Nut Keps Hex 1/4-20 unc
28	532 42 16-86	Cable Ground 18" Rear Battery Blk 6 Ga.
29	532 40 15-45	Switch Seat
30	532 19 33-50	Switch Ign
33	532 41 19-33	Key/Chain
34	532 11 07-12	Switch Light/Reset
40	581 02 31-01	Harness Ign
43	532 19 25-07	Solenoid
55	817 06 05-12	Screw 5/16-18 x 3/4
71	581 02 30-01	Harness Ign. Chass.
79	532 17 52-42	Socket Asm. Bulb
87	532 19 78-02	Switch Interlock Clutch
90	532 43 53-95	Cover Terminal
92	532 19 66-15	Harness Pigtail Reverse Switch
93	532 19 25-40	Screw Plastic 10-14 x 2.0
94	532 19 18-34	Modual Reverse ROS
99	817 67 04-12	Screw
106	532 17 48-14	Pal nut

NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
CHASSIS



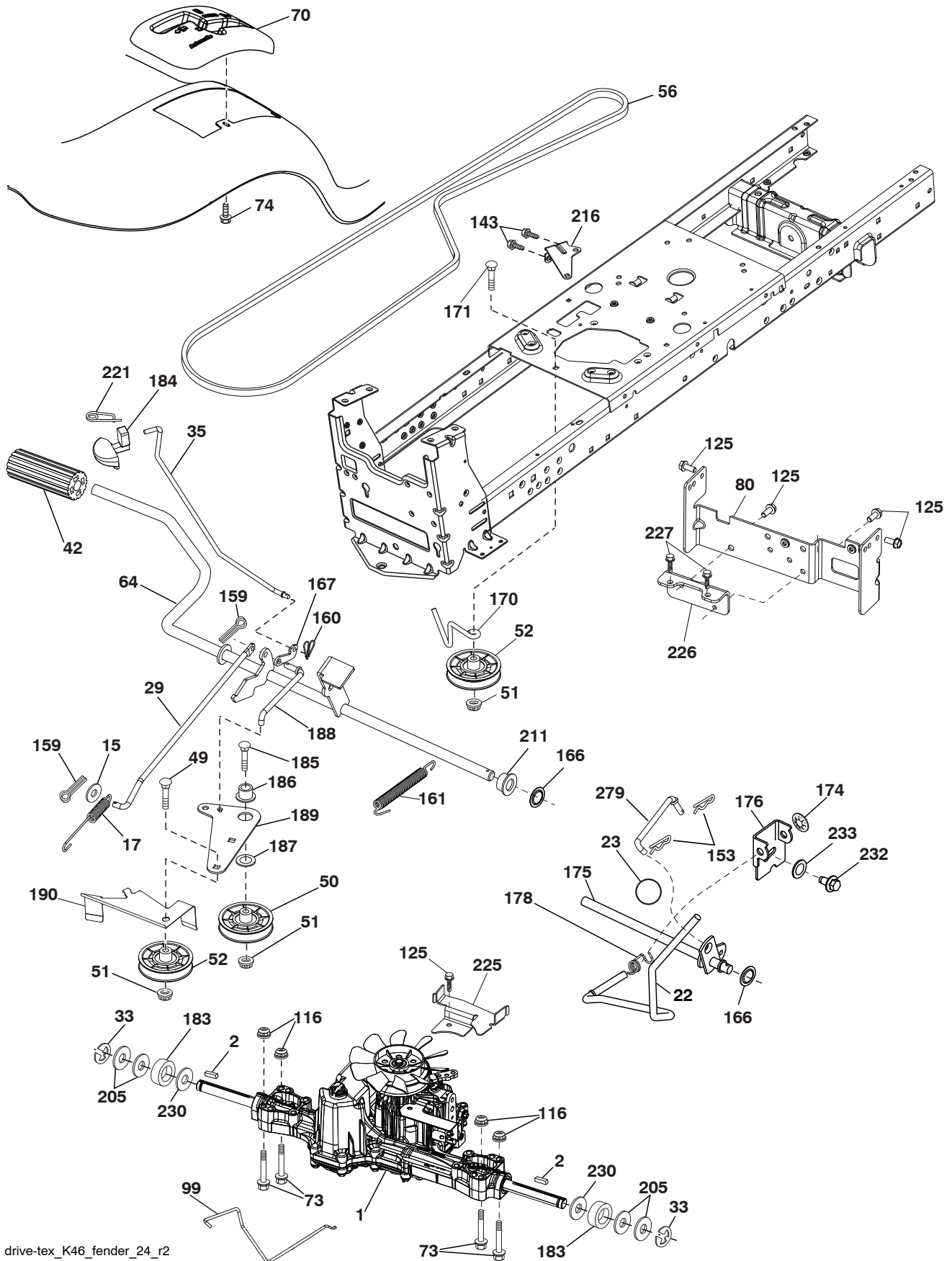
Chassis-tex_elite basic_15

**TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
CHASSIS**

KEY NO.	PART NO.	DESCRIPTION
5	532 41 17-64	Dash
14	532 18 58-47	Hood
18	532 42 67-92	Grille
34	580 91 08-01	Plate Engine
36	817 06 05-12	Screw 5/16-18 x 3/4
37	532 43 65-23	Fender
52	873 68 05-00	Nut Lock 5/16-18
68	817 49 05-08	Screw Thdrol 5/16-18 x 1/2
130	532 41 63-58	Screw #10 x 0.750
137	532 18 49-21	Bumper Hood
138	532 40 97-30	Cupholder
150	532 18 44-61	Duct Heat Hood
151	532 40 78-07	Bracket Pivot
152	532 19 95-35	Shield Browning
153	532 18 98-37	Lens Grille
159	817 00 06-12	Screw Hexwsh Thdrol 3/8-16 x 3/4
162	532 14 24-32	Screw Hex Wsh Hi-Lo 1/4 x 1/2
175	532 19 32-43	Crossmember
176	532 40 07-76	Screw 10-24 x 5/8 Wshd Qdrx
177	532 19 52-28	Bushing Steering
180	532 19 54-57	Chassis
181	532 40 47-96	Bushing Mtg. Fender Crgo.
182	532 19 30-57	Dash Lower
183	874 52 05-20	Bolt 5/16-18 x 1-1/4
189	817 00 05-12	Screw 5/16-18 x 3/4
194	873 90 05-00	Nut Lock Hex Flange 5/16-18
196	532 41 45-79	Console Asm. Deck Lift
213	874 76 05-12	Bolt 5/16-18 x 3/4
217	532 40 91-67	Rod Pivot Hood
218	532 19 63-95	X-Piece Hood Step
228	532 19 51-61	Stud Fastener
235	532 40 61-29	Spacer Fender
236	873 93 05-00	Nut Center Lock 5/16-18
287	817 60 04-06	Screw 1/4-20 x 3/8
302	532 18 38-23	Insert Lens Reflective

NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

**TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
DRIVE**



drive-tex_K46_fender_24_r2

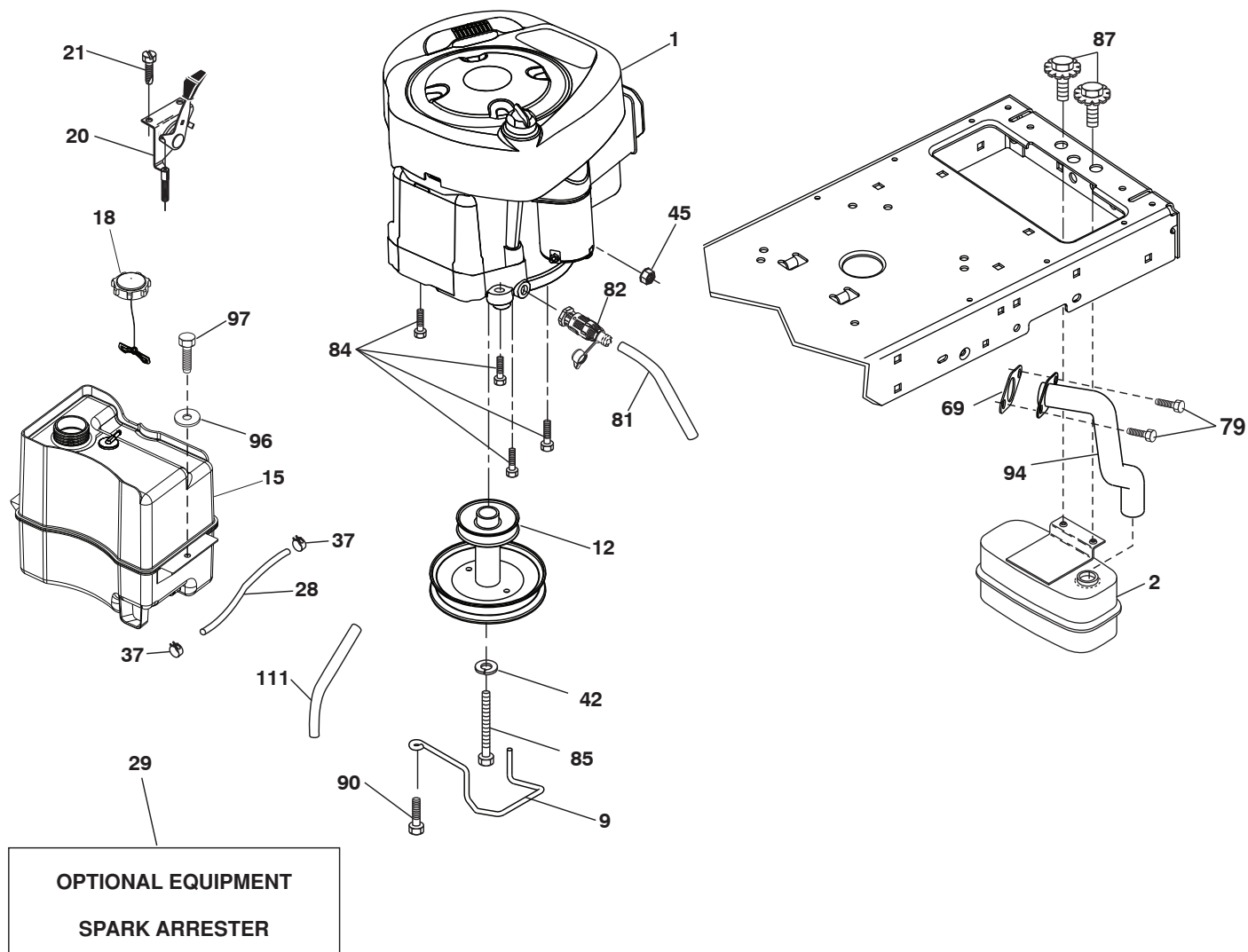
**TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
DRIVE**

KEY NO.	PART NO.	DESCRIPTION
1	— — — — —	Transaxle, Tufftorq K46BA (448348)(Order parts from transaxle manufacturer.)
2	532 12 35-83	Key Square
15	819 13 13-16	Washer 13/32 x 13/16 x 16 Ga.
17	532 41 36-78	Spring, Brake
22	532 19 76-60	Rod Shift
23	532 14 08-45	Knob
29	532 40 38-06	Rod, Brake
33	812 00 00-01	Ring E
35	532 19 77-22	Rod, Brake, Park
42	532 12 48-72	Cover, Foot Pedal
49	872 11 06-14	Bolt
50	532 19 43-27	Pulley Idler Flat
51	873 90 06-00	Lock Nut 3/8-16
52	532 19 43-26	Idler V-Groove
56	532 13 09-69	V-Belt, Drive
64	532 19 62-00	Shaft Asm. Pedal Brake Control
70	532 41 13-29	Console
73	874 49 05-40	Bolt Hex 5/16-18 x 2-1/2 G5
74	532 14 24-32	Screw 1/4 x 1/2
80	532 44 06-19	Strap Torque
99	532 41 57-42	Rod Spring Bypass
116	873 90 05-00	Nut Lock Hex Flange 5/16-18
125	817 00 05-12	Screw 5/16-18 x 3/4
143	817 49 05-08	Screw THDROL 5/16-18
153	532 12 47-88	Retainer Spring 1"
159	876 02 04-12	Pin Cotter 1/8 x 3/4
160	532 16 94-84	Retainer Clip
161	532 10 57-09	Spring, Return, Clutch
166	532 42 91-64	Nut Push .625
167	532 40 52-57	Latch Brake Parking

KEY NO.	PART NO.	DESCRIPTION
170	532 19 43-22	Keeper Belt Centerspan
171	872 11 06-16	Bolt 3/8-16 unc x 2
174	532 19 72-89	Nut Push
175	532 40 62-08	Shaft Asm Shift
176	532 19 62-14	Arm Clevis Rod Shift
178	532 19 74-56	Spring Shift
183	532 13 70-57	Spacer Axle
184	532 44 15-04	Handle Parking Brake
185	872 11 06-22	Bolt
186	532 19 43-21	Spacer Retainer
187	819 13 32-10	Washer
188	532 19 43-23	Link Clutch Ground Drive
189	532 19 43-17	Bellcrank Ground Drive
190	532 19 43-18	Keeper Bellcrank Ground Drive
205	532 12 17-48	Washer 25/32 x 1-5/8 x 16 Ga.
211	532 19 62-12	Bushing Shaft
216	532 19 61-31	Bracket Pulley Idler
221	532 40 31-87	Retainer Spring Clip Handle
225	532 40 33-19	Keeper Belt Transaxle
226	532 40 15-64	Bracket Mount Torque
227	817 49 05-12	Screw 5/16-18 x 3/4
230	532 18 89-67	Washer Harden .793 x 1.637 x .060
232	874 78 07-16	Bolt 7/16-14 x 1 Gr 5
233	532 40 52-96	Washer Serrated
279	532 40 62-07	Link Shift

NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

**TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
ENGINE**



engine-tex_BS_64

TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48 ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	— — — — —	Engine Briggs Model No. 331777-2372-G5(438212) (Order parts from engine manufacturer.)
2	532 18 86-55	Muffler
9	532 19 43-20	Keeper Belt Engine
12	532 40 54-71	Pulley Engine
15	532 43 30-03	Tank Fuel
18	532 43 85-96	Cap Fuel
20	532 17 05-45	Control Throttle
21	532 41 63-58	Screw #10 x 0.750 BOS Thread
28	532 40 11-37	Fuel Line
29	532 13 71-80	Spark Arrester Kit
37	532 12 34-87	Clamp Hose
42	810 04 07-00	Washer Lock 7/16
45	873 51 04-00	Nut Keps Hex 1/4-20 unc
69	532 16 52-91	Gasket
79	532 19 23-34	Screw 5/16-18 x 3/4
81	532 14 84-56	Tube Drain Oil Easy
82	532 42 82-87	Valve Drain Oil
84	817 06 06-20	Screw 3/8-16 x 1/4
85	532 17 39-37	Bolt Hex 7/16-20 x 4 Gr. 5
87	532 17 18-77	Bolt 5/16-18 unc x 3/4 w/sems
90	817 00 06-16	Screw 3/8-16 x 1
94	532 40 54-50	Exhaust Tube
96	819 09 14-16	Washer 9/32 x 7/8 x 16 Ga.
97	817 67 04-12	Screw 1/4-20 x 3/4
111	532 41 41-19	Purge Line

NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

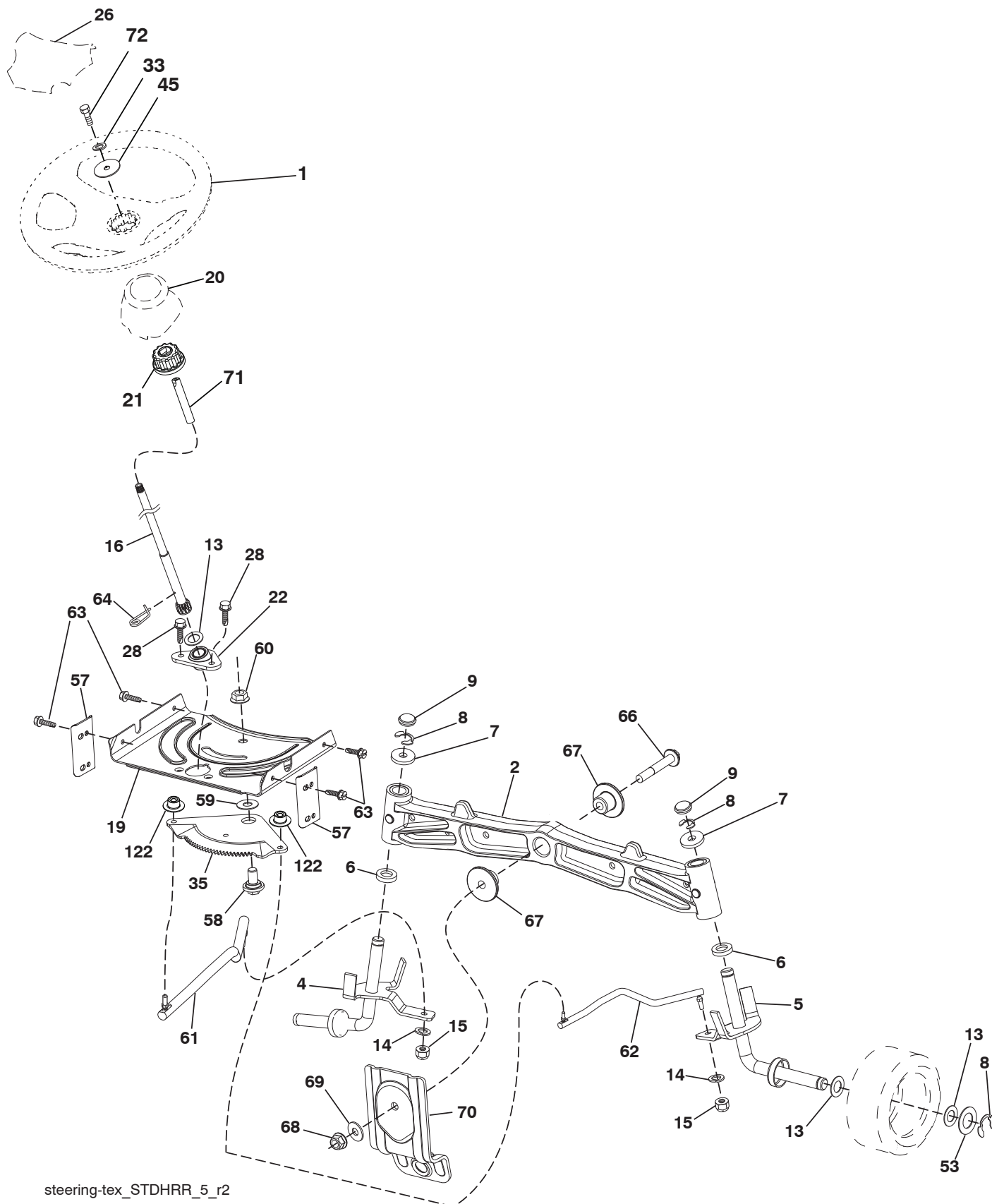
For engine service and replacement parts, call the toll free number for your engine manufacturer listed below:

Briggs & Stratton 1-800-233-3723

Engine Power Rating Information

The gross power rating for individual gas engine models is labeled in accordance with SAE (Society of Automotive Engineers) code J1940 (Small Engine Power & Torque Rating Procedure), and rating performance has been obtained and corrected in accordance with SAE J1995 (Revision 2002-05). Torque values are derived at 3060 RPM; horsepower values are derived at 3600 RPM. Actual gross engine power will be lower and is affected by, among other things, ambient operating conditions and engine-to-engine variability. Given both the wide array of products on which engines are placed and the variety of environmental issues applicable to operating the equipment, the gas engine will not develop the rated gross power when used in a given piece of power equipment (actual "on-site" or net power). This difference is due to a variety of factors including, but not limited to, accessories (air cleaner, exhaust, charging, cooling, carburetor, fuel pump, etc.), application limitations, ambient operating conditions (temperature, humidity, altitude), and engine-to-engine variability. Due to manufacturing and capacity limitations, Briggs & Stratton may substitute an engine of higher rated power for this Series engine.

TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
STEERING

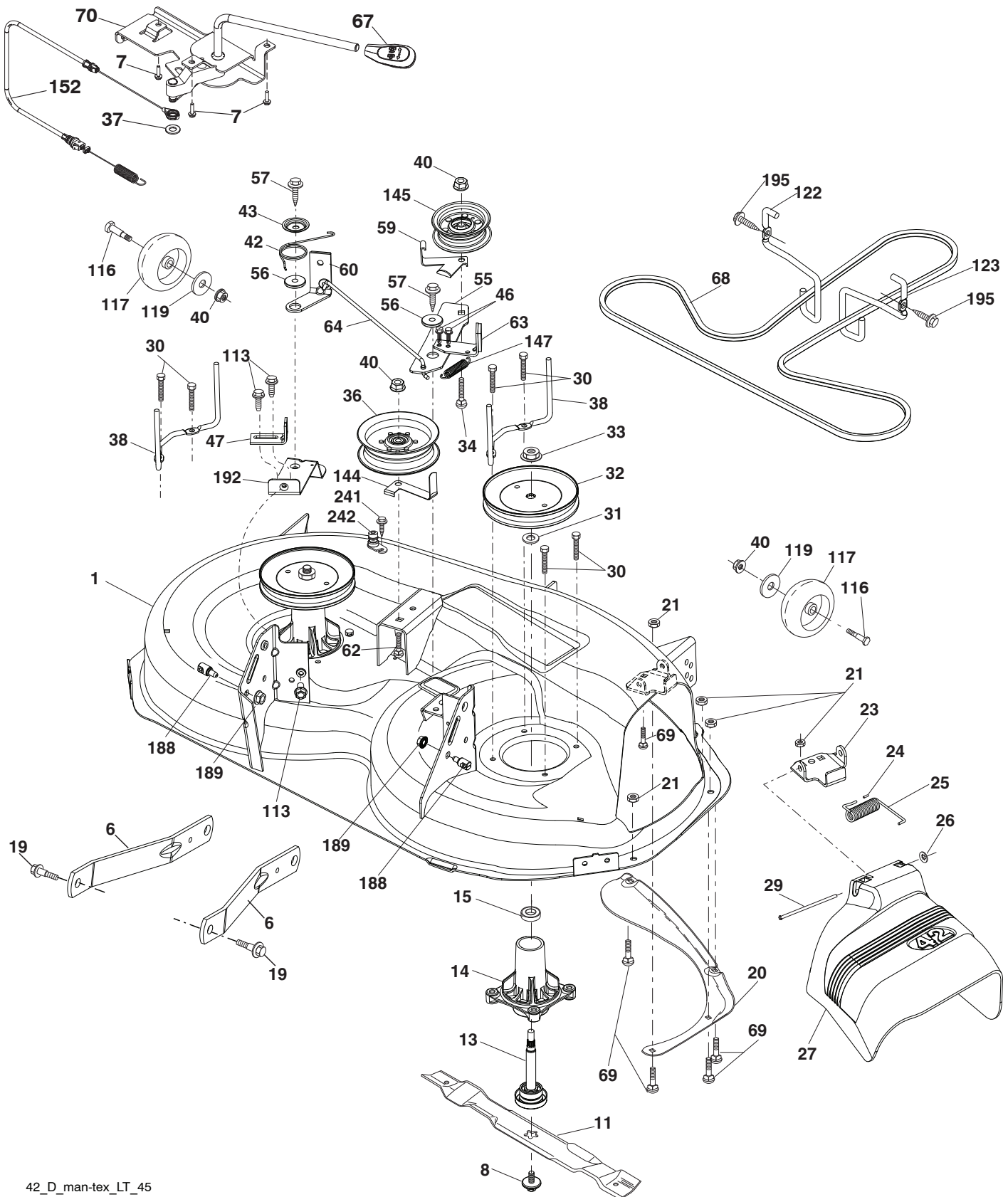


TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
STEERING

KEY NO.	PART NO.	DESCRIPTION
1	532 42 45-43	Wheel, Steering
2	532 19 59-68	Axle Asm., Front
4	532 40 30-87	Spindle Asm., LH
5	532 40 30-88	Spindle Asm., RH
6	532 12 49-31	Washer Thrust 0.75 x 1.23
7	532 12 17-48	Washer 25/32 x 1-5/8 x 16 Ga.
8	812 00 00-29	Ring, Clip #T5304-75
9	532 12 12-32	Cap, Spindle
13	532 12 17-49	Washer 25/32 x 1-1/4 x 16 Ga.
14	810 04 06-00	Washer Lock 3/8
15	873 54 06-00	Nut, Crown Lock 3/8-24 unf
16	532 42 93-74	Shaft Steering
19	532 19 47-29	Plate Steering
20	532 41 12-91	Boot, Steering
21	532 18 67-37	Adapter, Wheel Steering
22	532 42 05-37	Strg. Supt. Lower
26	532 42 46-91	Insert, Wheel Steering
28	817 00 06-12	Screw 3/8-16 x 3/4
33	810 04 05-00	Washer Lock 5/16
35	532 19 47-32	Gear, Sector Plate
45	819 11 38-12	Washer 11/32 x 2-3/8 x 12 Ga.
53	532 18 89-67	Washer Hardened .793 x 1.637 x .060
57	532 40 74-65	Bracket Upstop
58	532 19 47-47	Bolt Shoulder Sector Pivot CFM
59	532 19 47-48	Washer Thrust Sector Steering
60	873 97 10-00	Nut Flange Lock 5/8-11
61	532 19 47-40	Draglink, LH
62	532 19 47-41	Draglink, RH
63	817 00 05-12	Screw 5/16-18 x 3/4
64	532 19 98-49	Retainer Clip Spring Steering
66	871 02 07-48	Bolt Hex Fghd 7/16-14 x 3 Serr
67	532 19 47-37	Bushing PM Front Axle
68	873 90 07-00	Nut Lock Flange 7/16-14 Gr. 5
69	532 19 91-62	Washer 1.5 x .505 x .118
70	532 19 61-97	Bracket Deck Susp. Front
71	532 19 07-52	Shaft Ext. Steering
72	532 42 89-82	Bolt 5/16-18 x 4 W/Patch
122	532 44 49-62	Cap Gear

NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
MOWER DECK



42_D_man-tex_LT_45

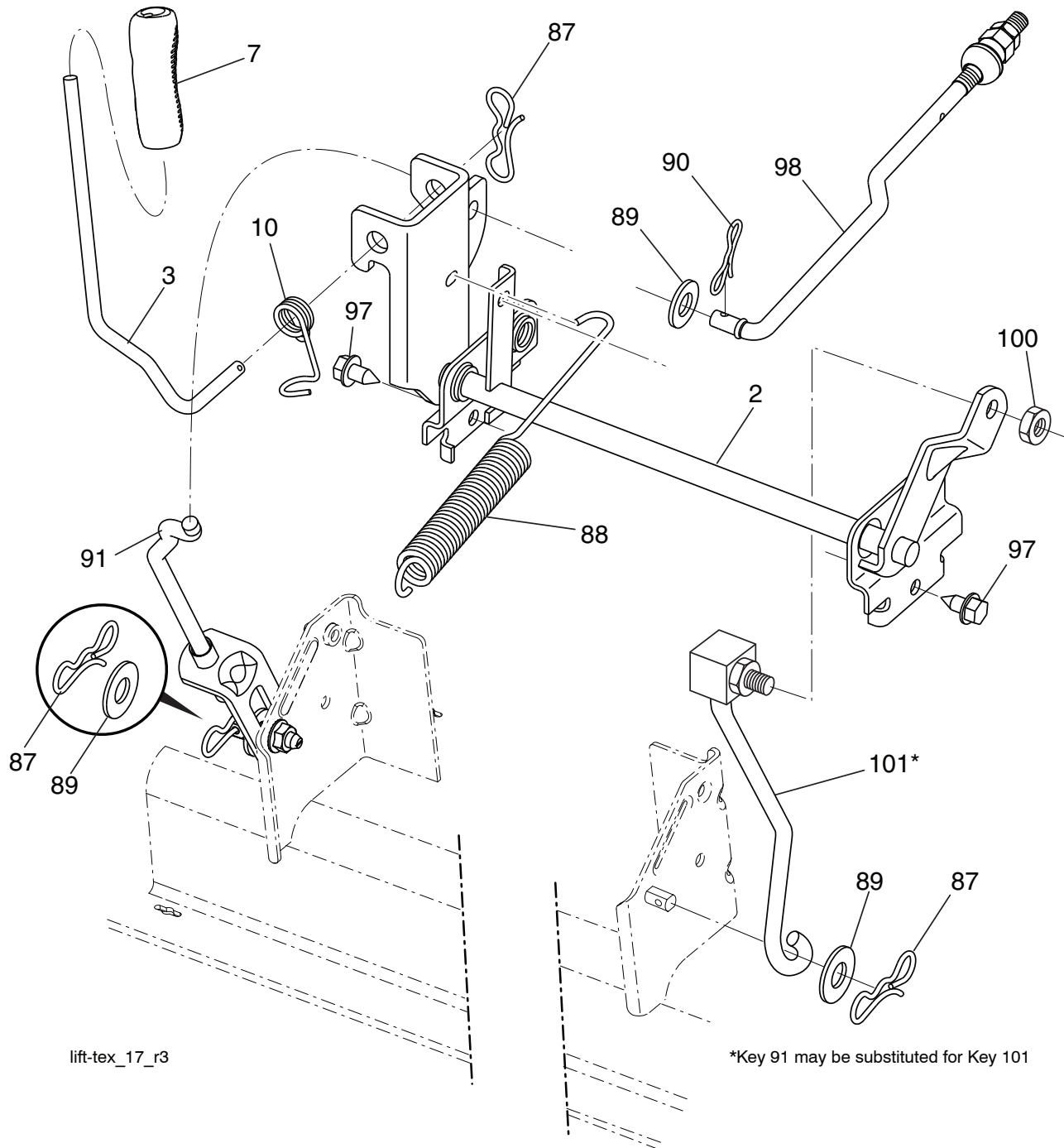
TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
MOWER DECK

KEY NO.	PART NO.	DESCRIPTION
1	532 19 64-95	Mower Housing
6	532 19 51-86	Arm Suspension
7	532 41 63-58	Screw #10 x 0.750 BOS Thread
8	532 19 30-03	Bolt/Washer Asm 7/16-20 unf
11	532 13 89-71	Blade, 42" Hi-Lift (For bagging or discharge)
13	532 19 28-72	Shaft Assembly, Mandrel
14	532 18 72-81	Housing, Mandrel
15	532 11 04-85	Bearing, Ball, Mandrel
19	532 19 65-39	Bolt, Shoulder
20	532 15 97-70	Baffle, Vortex
21	873 68 05-00	Nut, Crownlock 5/16-18 unc
23	532 19 25-57	Bracket, Deflector
24	532 10 53-04	Cap, Sleeve
25	532 19 70-26	Spring, Torsion, Deflector
26	532 11 04-52	Nut, Push
27	532 40 30-04	Shield, Deflector
29	532 13 14-91	Rod, Hinge
30	532 17 39-84	Screw Thdrol Rolling Wsh Hd
31	532 18 76-90	Washer, Spacer
32	532 19 74-73	Pulley, Mandrel
33	532 40 02-34	Nut, Toplock, Flanged
34	872 11 06-12	Bolt Carr Sh. 3/8-16 x 1-1/2 Gr. 5
36	532 19 73-79	Pulley, Idler 4.50 RAW
37	819 13 13-16	Washer 13/32 x 13/16 x 16 Ga.
38	532 43 25-20	Keeper Belt Mandrel
40	873 90 06-00	Nut, Lock Flg. 3/8-16 unc
42	532 19 84-10	Spring Torsion Brake
43	532 19 72-56	Spring Torsion Retainer
46	532 13 77-29	Screw Thd Roll 1/4-20 x 5/8
47	532 19 72-50	Bracket Clutch Cable
55	532 43 71-10	Arm, Idler
56	532 19 90-92	Spacer, Retainer
57	817 00 06-16	Screw Hexwsh Thd 3/8-16 x 1
59	532 14 10-43	Guard, Tuv Idler (94)
60	532 19 72-61	Arm Brake Mower

KEY NO.	PART NO.	DESCRIPTION
62	872 11 06-16	Bolt Rdhd Sqnk 3/8-16 unc x 2
63	532 19 94-77	Arm Brake Mower
64	532 19 97-90	Linkage Brake
67	532 40 30-12	Handle, Clutch Cable
68	532 42 96-36	V-Belt
69	872 14 05-05	Bolt Rdhd Sqnk 5/16-18 x 5/8
70	532 19 83-32	Clutch Asm. Manual
113	817 00 05-10	Screw 5/16-18
116	532 12 48-42	Bolt Shoulder
117	532 18 86-06	Wheel Gage
122	532 19 72-58	Keeper Belt Eng. LH
123	532 19 72-59	Keeper Belt Eng. RH
144	532 19 92-04	Keeper Belt
145	532 19 31-97	Pulley Idler Primary
147	532 40 19-71	Spring Return
152	532 43 51-11	Cable Clutch Manual w/Spr.
188	532 19 51-61	Stud Fastener
189	873 90 05-00	Nut Lock Hex Flange
192	532 19 72-60	Bracket Brake Stand LH
195	817 00 06-12	Screw Hexwsh Thdr 3/8-16 x 3/4
196	819 12 14-14	Washer 3/8 x 7/8 x 14 Ga.
241	532 15 29-27	Screw #10-32.5. 3/8 Flange
242	532 41 55-98	Port Washout
--	532 41 64-05	Coupling Quick
--	532 19 28-70	Mandrel Assembly (Includes hous- ing, shaft assembly, and bearing only - pulley/nut/washer and blade bolt/washers not included)
--	532 43 77-30	Replacement Mower, Complete

NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
MOWER LIFT



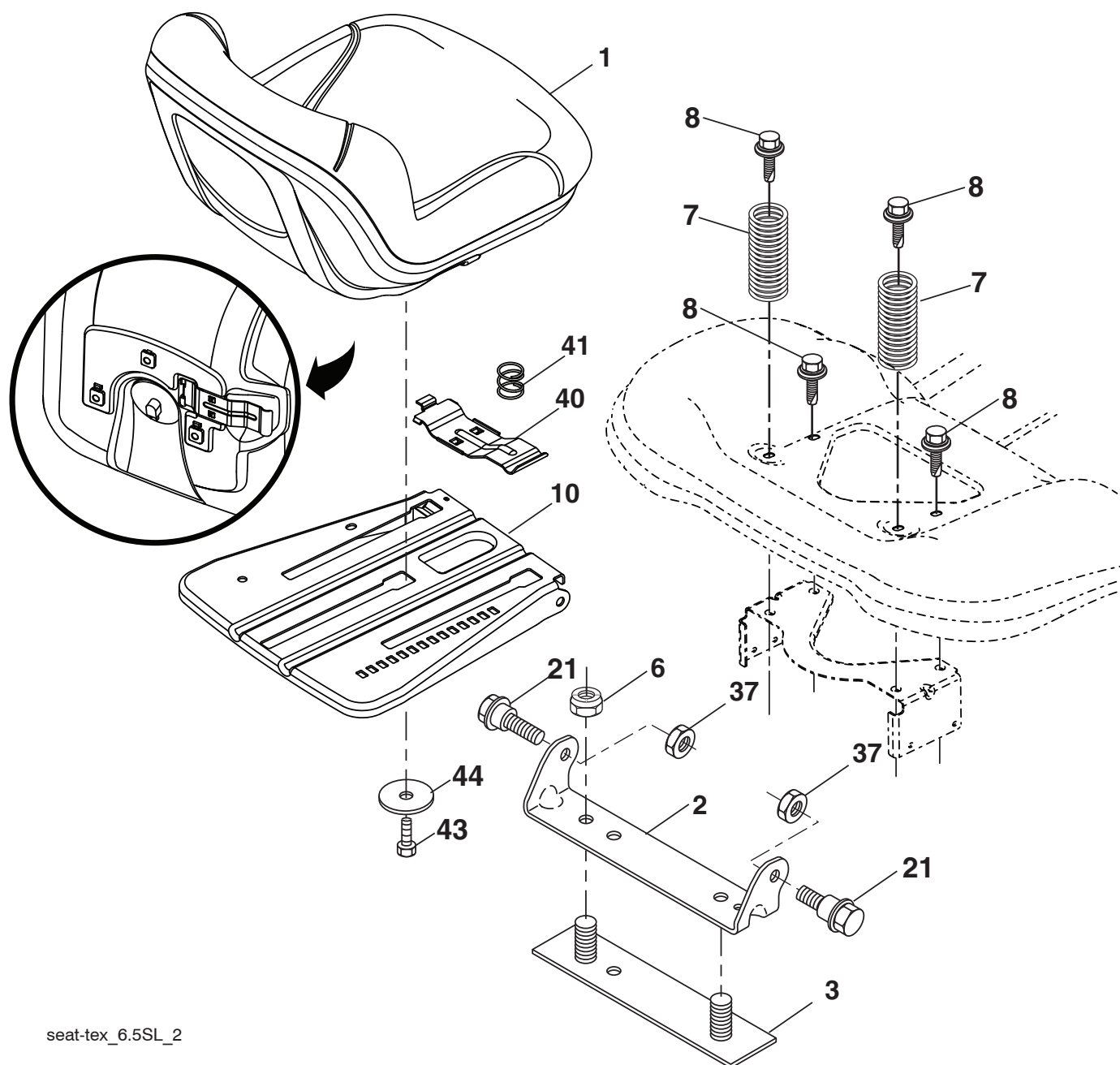
lift-tex_17_r3

KEY NO.	PART NO.	DESCRIPTION
2	532 42 20-27	Shaft Asm., Cross Lift
3	532 19 52-31	Lever Asm., Lift RH
7	580 96 23-01	Grip, Lever
10	532 19 63-14	Spring Torsion
87	532 19 42-09	Pin Cotter 7/16 Bow Tie Lock
88	532 41 07-10	Spring Lift Assist
89	819 19 19-12	Washer Clear Zinc
90	532 19 42-08	Pin Cotter 5/16 Bow Tie Lock

KEY NO.	PART NO.	DESCRIPTION
91	532 19 51-81	Link Lift Susp Mower Rear
97	817 00 06-12	Screw 3/8-16 x .75 Smgml Tap/R.Z
98	532 19 52-70	Link Lift Susp. Front Mower
100	873 93 06-00	Nut Centerlock 3/8 -16 unc
101	532 40 70-03	Link Asm. Lift Fixed

NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

**TRACTOR - - MODEL NUMBER PB20H42LT (96042014800), PRODUCT NO. 960 42 01-48
SEAT**

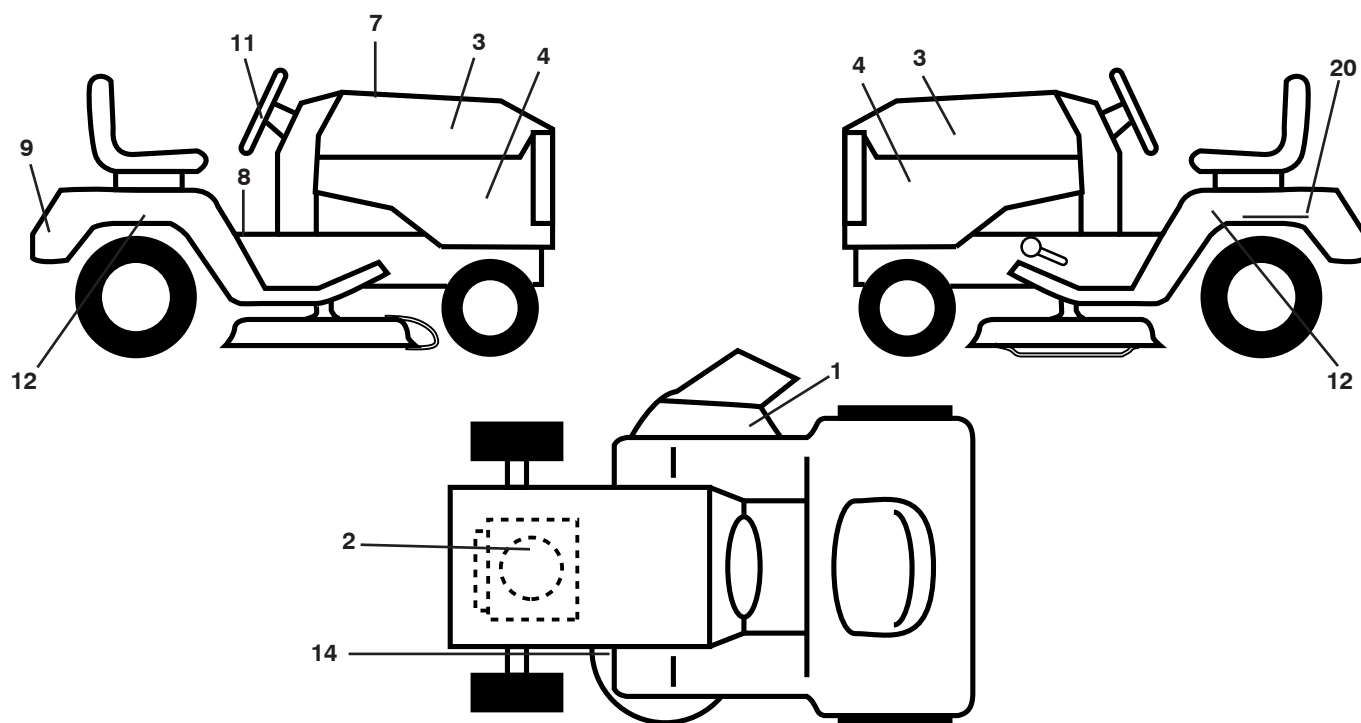


seat-tex_6.5SL_2

KEY NO.	PART NO.	DESCRIPTION
1	532 19 75-14	Seat
2	532 18 01-66	Bracket Pivot Fender
3	532 14 06-75	Strap, Asm Fender
6	873 80 06-00	Nut, Lock w/Ins. 3/8-16 unc
7	532 12 41-81	Spring, Seat Cprsn
8	532 17 18-77	Bolt 5/16-18 unc x 3/4 w/Sems
10	532 19 69-77	Pan, Seat
21	532 17 18-52	Bolt, Shoulder 5/16-18

KEY NO.	PART NO.	DESCRIPTION
37	873 80 05-00	Nut, Lock 5/16-18 unc
40	532 19 76-61	Handle Slide
41	532 19 82-00	Spring Latch
43	874 76 06-12	Bolt 3/8-16 unc x 3/4
44	819 13 38-12	Washer 13/32 x 2 3/8 x 12 Ga.

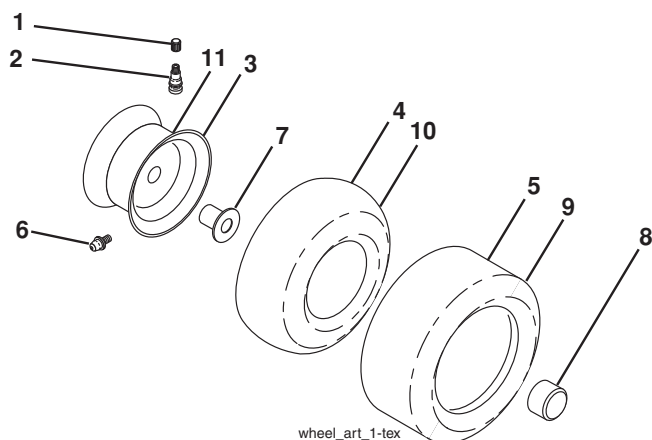
NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm



KEY NO.	PART NO.	DESCRIPTION
1	532 17 05-63	Decal, Mower Warning
2	532 42 95-51	Decal Eng. H.P.
3	532 44 52-35	Decal Hood
4	581 53 27-01	Decal Side Panel
7	581 50 34-01	Decal Replacement Parts
8	532 41 16-57	Decal Fender Warn S/F
9	532 44 52-34	Decal Fender Logo
11	532 43 85-01	Decal Ins Strg Whl

KEY NO.	PART NO.	DESCRIPTION
12	532 43 84-92	Decal Fend SD
14	532 16 03-96	Decal V-Belt Schematic
20	532 14 50-05	Decal Bat Dan/Psn
--	532 16 69-60	Decal Bypass
--	532 40 95-05	Pad Footrest LH
--	532 41 12-73	Pad Footrest RH
--	115 52 73-27	Manual Operator's (E/S)
--	583 97 12-33	Manual Parts (E/S)

WHEELS AND TIRES



KEY NO.	PART NO.	DESCRIPTION
1	532 05 91-92	Cap Valve Tire
2	532 06 51-39	Stem Valve
3	532 43 96-73	Rim Asm 6" Front
4	532 05 99-04	Tube Front (Service Item Only)
5	532 10 62-22	Tire F T 15 x 6 0 - 6
6	532 12 49-57	Fitting Grease
7	532 12 49-59	Bearing Flange (Front Wheel Only)
8	532 17 50-39	Cap Axle
9	532 13 84-68	Tire R T 20 x 8-8C
10	532 12 49-26	Tube Rear (Service Item Only)
11	532 44 08-81	Rim Asm 8" Rear Service
--	532 14 43-34	Sealant, Tire (Not Shown)

NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm