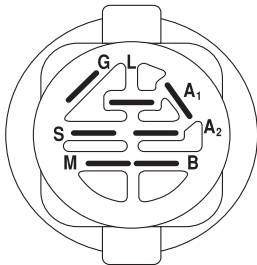


TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25
SCHEMATIC

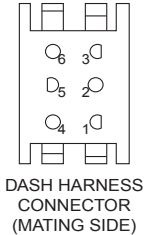
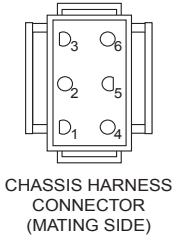
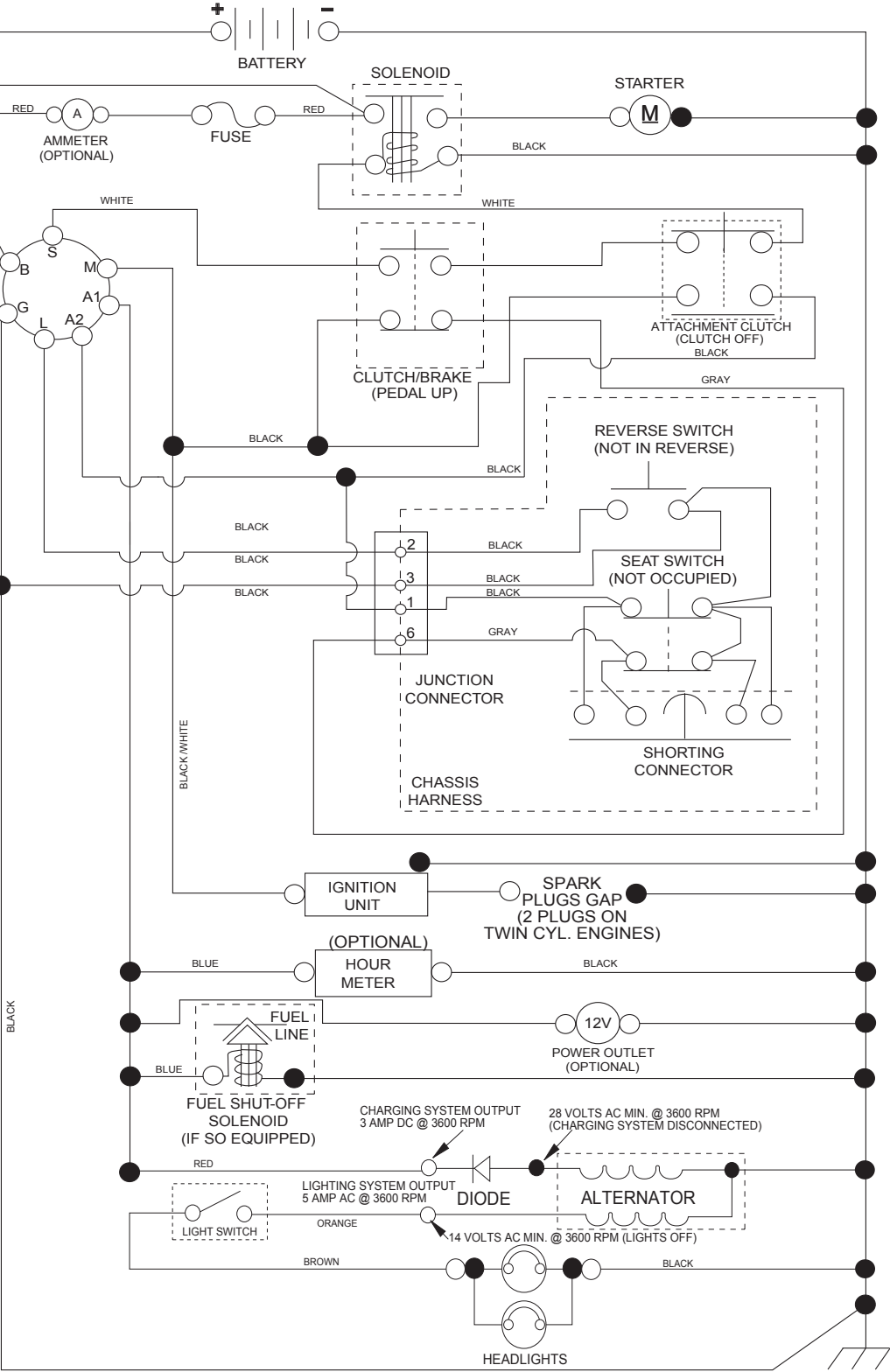
SCH11

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.

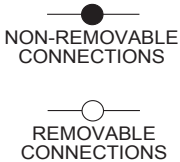


IGNITION SWITCH

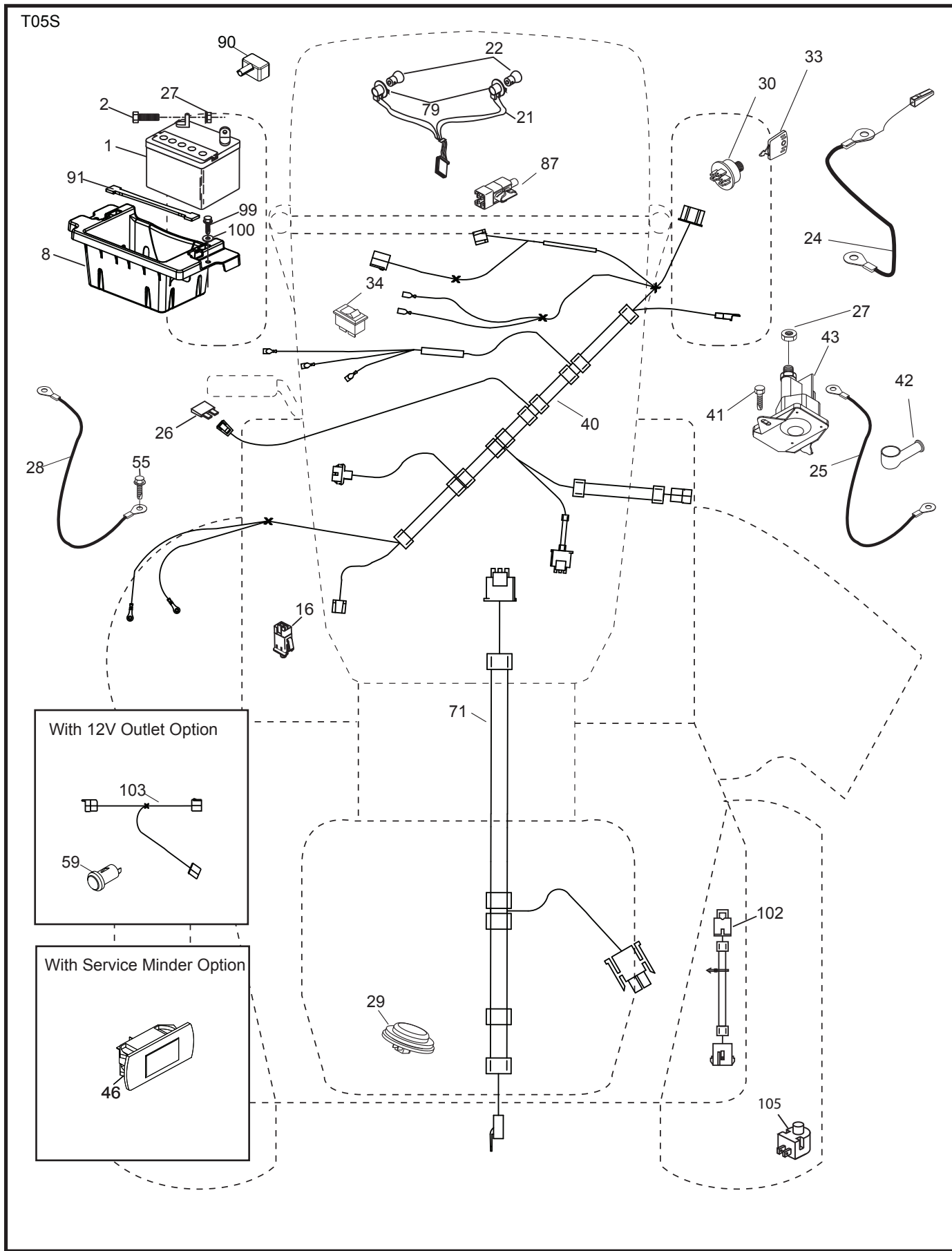
POSITION	CIRCUIT	"MAKE"
OFF	M+G+A1	
RUN/OVERRIDE	B+A1	
RUN	B+A1	L+A2
START	B + S + A1	



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 NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25
ELECTRICAL**

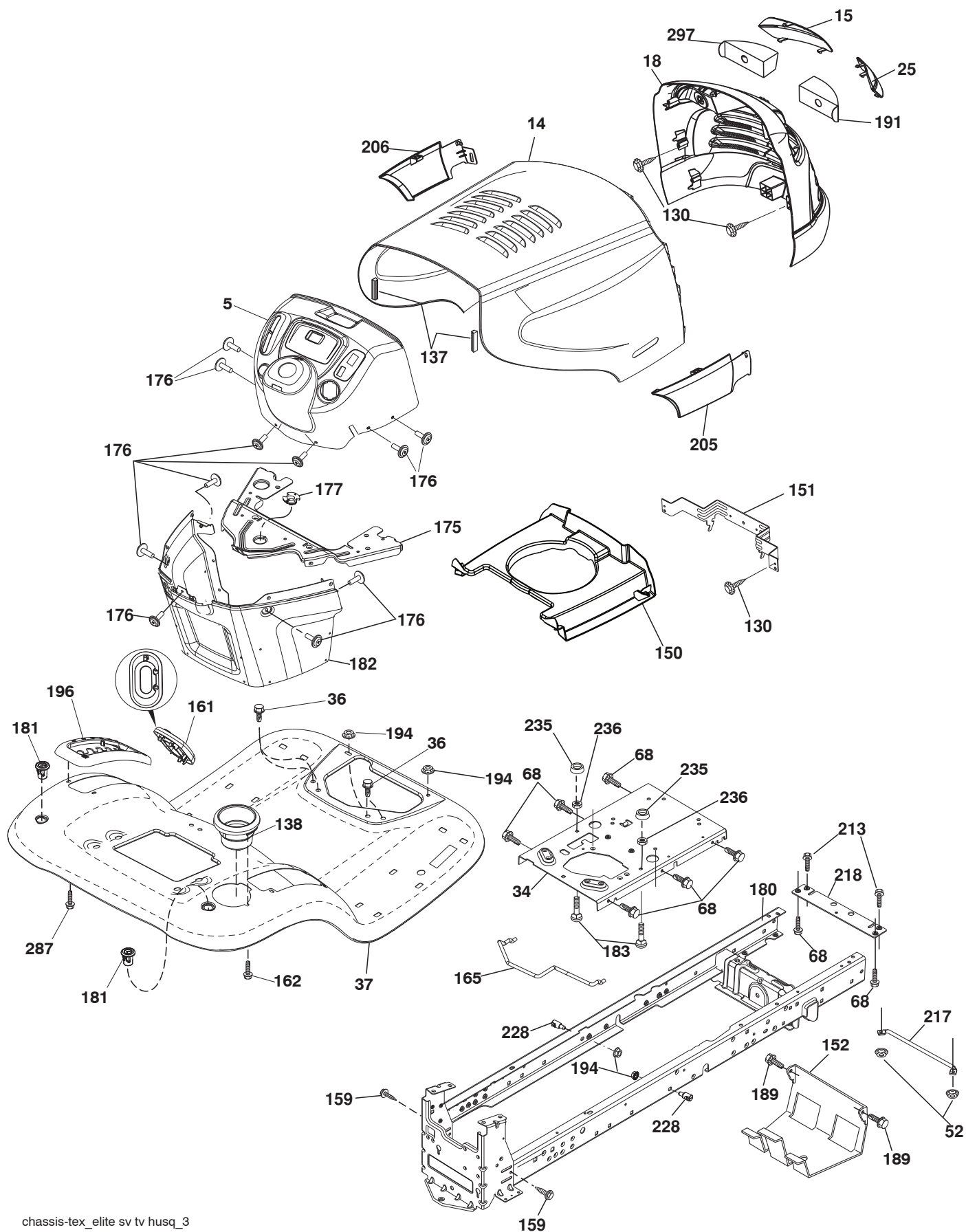


**TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25
ELECTRICAL**

KEY NO.	PART NO.	DESCRIPTION
1	532 16 34-65	Battery
2	874 76 04-12	Bolt Hex Head 1/4-20 x 3/4
8	532 18 64-91	Box Battery
16	532 17 61-38	Switch Interlock Push-In
21	532 18 37-59	Harness Socket Light w/4152J
22	532 00 41-52	Bulb Light
24	532 40 02-53	Cable Battery
25	532 41 28-94	Cable Starter
26	532 17 51-58	Fuse
27	873 51 04-00	Nut Keps Hex 1/4-20 unc
28	532 14 54-91	Cable, Ground
29	532 40 15-45	Switch, Seat
30	532 19 33-50	Switch, Ignition
33	532 41 19-33	Key/Chain
34	532 11 07-12	Switch Light/Reset
40	532 40 10-98	Harness Ignition Dash
41	817 72 04-08	Screw Thd Cut 1/4-20 x 1/2
42	532 13 15-63	Cover, Terminal
43	532 19 25-07	Solenoid
46	532 40 17-63	Gauge SRVCMNDR HRMTR
55	817 06 05-12	Screw Thdrol 5/16-18 x 3/4 TYTT
71	532 19 42-76	Harness Ignition
79	532 17 52-42	Socket Asm Bulb Twistlock
87	532 19 78-02	Switch Interlock Clutch Cable
90	532 43 53-95	Cover Terminal Battery
91	532 19 02-70	Strap Battery
99	817 67 04-12	Screw 1/4-20 x 3/4
100	819 09 14-16	Washer 9/32 x 7/8 x 16
102	532 40 44-54	Harness Pigtail
105	532 40 75-68	Switch Reverse

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

TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25 CHASSIS



**TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25
CHASSIS**

KEY NO.	PART NO.	DESCRIPTION
5	532 43 27-79	Dash
14	532 43 63-82	Hood
15	532 18 99-82	Lens Grille LH
18	532 43 27-78	Grille
25	532 18 99-81	Lens Grille RH
34	532 19 61-25	Plate Engine
36	817 06 05-12	Screw 5/16-18 x 3/4
37	532 43 63-87	Fender
52	873 68 05-00	Nut Crown 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 BOS Thread
137	532 18 49-21	Bumper Hood
138	532 40 97-30	Cupholder
150	532 43 16-32	Duct Heat Hood
151	532 40 78-07	Bracket Pivot
152	532 19 95-35	Shield Browning/Debris
159	817 00 06-12	Screw 3/8-16 x 3/4
161	532 41 20-72	Window Fuel
162	532 14 24-32	Screw Hex Wsh Hi-Lo 1/4 x 1/2 unc
165	532 19 68-26	Support Tank Rear
175	532 19 32-43	Crossmember
176	532 40 07-76	Screw 10-24 x 5/8 Wshd Qdrx
177	532 19 52-27	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 Full Thd 5/16-18 x 1-1/4
189	817 00 05-12	Screw 5/16-18 x 3/4
191	532 41 65-00	Insert Lens Reflective RH
194	873 90 05-00	Nut Lock Hex Flange 5/16-18
196	532 41 45-79	Console Asm. Deck Lift
205	532 42 47-47	Skirt Side RH
206	532 42 47-48	Skirt Side LH
213	874 76 05-12	Bolt Hex HD 5/16-18 unc x 3/4
218	532 19 63-95	X-Piece Hood
217	532 40 91-67	Rod Pivot
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 unc
287	817 60 04-06	Screw Hex Washead 1/4-20 x 3/8
297	532 18 82-67	Insert Lens Reflective LH

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

This is a detailed exploded view diagram of a mechanical drive system, likely for a vehicle pedal. The diagram shows the following components and their assembly relationships:

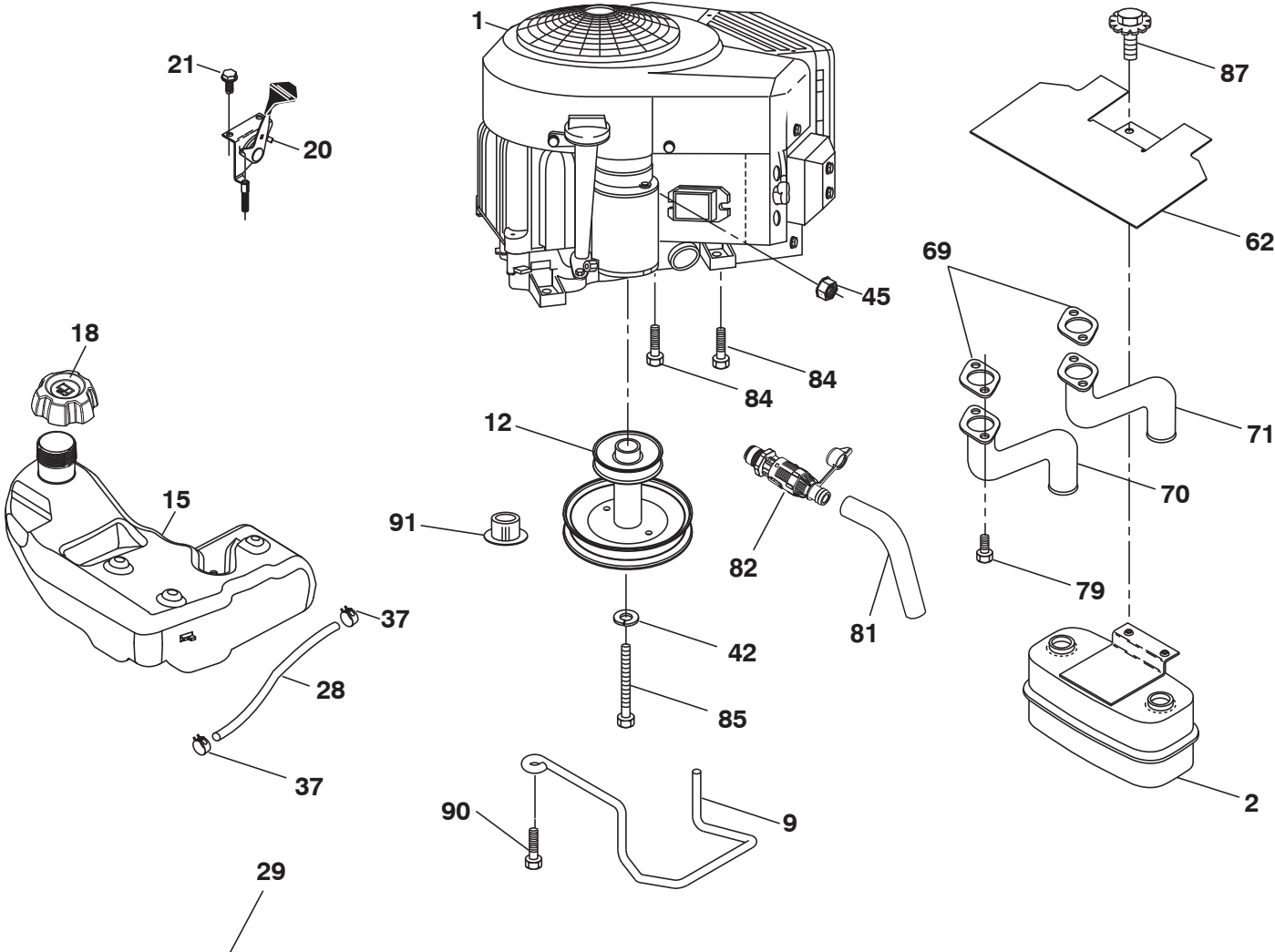
- Central Assembly (1):** The main drive unit, including a motor or actuator (1) and a drive shaft (2).
- Shaft Components (2):** A series of gears and pulleys (3, 33, 205, 230) mounted on the drive shaft (2).
- Linkage Mechanism (15, 29, 163, 167, 188, 189, 190, 210, 214, 222):** A complex arrangement of levers and links (15, 29, 163, 167, 188, 189, 190, 210, 214, 222) that convert the rotational motion of the shaft into linear motion.
- Support Structure (56, 171, 209, 216, 221, 225, 226, 227, 228, 229, 230):** The main frame and support components (56, 171, 209, 216, 221, 225, 226, 227, 228, 229, 230) that hold the entire assembly together.
- Fasteners (116, 125, 143, 159, 160, 161, 166, 170, 183, 185, 186, 187, 190, 206, 207, 208, 211, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230):** Various screws, bolts, nuts, and washers (116, 125, 143, 159, 160, 161, 166, 170, 183, 185, 186, 187, 190, 206, 207, 208, 211, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230) used to secure the components.

The diagram uses dashed lines to indicate the assembly path and alignment of the parts. The parts are numbered from 1 to 230, with some numbers appearing multiple times for identical components.

TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25 DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	-----	Transaxle, Tufftorq K46BT	171	872 11 06-16	Bolt 3/8-16 unc x 2
2	532 12 35-83	Key	183	532 13 70-57	Spacer Axle
15	819 13 13-16	Washer 13/32 x 13/16 x 16 Ga.	184	532 40 96-30	Handle Parking Brake
17	532 41 36-78	Spring, Brake	185	872 11 06-22	Bolt
26	532 19 96-79	Spring Return Cruise	186	532 19 43-21	Spacer Retainer
29	532 40 38-06	Rod, Brake	187	819 13 32-10	Washer
33	812 00 00-01	Ring E	188	532 19 43-23	Link Clutch Ground Drive
35	532 19 77-22	Rod, Brake, Park	189	532 19 43-17	Bellcrank Ground Drive
42	532 12 48-72	Cover, Foot Pedal	190	532 19 43-18	Keeper Bellcrank Ground Drive
49	872 11 06-14	Bolt	205	532 12 17-48	Washer 25/32 x 1-5/8 x 16 Ga.
50	532 19 43-27	Pulley Idler Flat	206	532 19 78-67	Bracket Mount Latch Cruise
51	873 90 06-00	Lock Nut 3/8-16	207	532 19 78-68	Latch Control Cruise
52	532 19 43-26	Idler V-Groove 910" Offset	208	532 19 78-69	Gear Sector Control Cruise
56	532 13 09-69	V-Belt, Drive	209	532 40 07-69	Rod Control Cruise
64	532 19 78-65	Shaft Asm. Pedal Brake Control	210	532 40 09-80	Rockr Asm. Pdeal Control
73	874 49 05-40	Bolt Hex 5/16-18 x 2.1/2 G5	211	532 12 01-83	Bearing Nylon
80	532 41 00-24	Strap Torque	213	532 42 47-44	Knob Control Cruise
92	874 76 05-20	Bolt Fin Hex 5/16-18 unc x 1.25	214	532 42 12-63	Pad Pedal Forward
99	532 41 57-42	Rod Spring Bypass	215	532 40 17-23	Pad Pedal Reverse
116	873 90 05-00	Nut Lock Hex Flange 5/16-18	216	532 19 61-31	Bracket Pulley Idler
125	817 00 05-12	Screw 5/16-18 x 3/4	221	532 40 31-87	Retainer Spring Clip Handle
143	817 49 05-08	Screw 5/16-18 x 1/2	222	879 21 20-10	Washer 21/32 x 1-1/4 10 Ga.
153	532 12 47-88	Retainer Spring	225	532 40 33-19	Keeper Belt Transaxle
159	876 02 04-12	Pin Cotter 1/8 x 3/4	226	532 40 15-64	Bracket Mount Torque
160	532 16 94-84	Retainer Clip	227	817 49 05-12	Screw Thdrol 5/16-18 x 3/4
161	532 10 57-09	Spring, Return, Clutch	230	532 18 89-67	Washer Harden .793 x 1.637 x .060
163	532 40 10-34	Rod Pedal Control			
166	532 42 91-64	Nut Push .625			
167	532 40 52-57	Latch Brake Parking			
170	532 19 43-22	Keeper Belt Centerspan			

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



SPARK ARRESTER KIT

engine-tex_bs-2cyl_51_r1

TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25 ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	- - - - -	Engine B&S Model No. 407777-2195-G1
2	532 14 97-23	Muffler
9	532 19 43-20	Keeper Belt Engine
12	532 40 54-72	Pulley Engine
15	532 40 00-21	Tank Fuel
18	532 43 02-18	Cap Fuel
20	532 42 35-02	Control Throttle/Choke
21	532 41 63-58	Screw #10 x 0.750 BOS Thread
28	532 40 11-35	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
62	532 43 40-17	Shield Heat Muffler
69	532 16 53-91	Gasket
70	532 15 99-55	Exhaust Tube LH
71	532 16 05-89	Exhaust Tube RH
79	532 18 39-06	Screw Socket HD 5/16-18 x 1
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 1-1/4
85	532 17 39-37	Bolt 7/16-20 x 4 x Gr. 5-1.5
87	532 17 18-77	Bolt 5/16 - 18 x 3/4
90	817 00 06-16	Screw 3/8-16 x 1
91	532 18 74-95	Bushing

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:

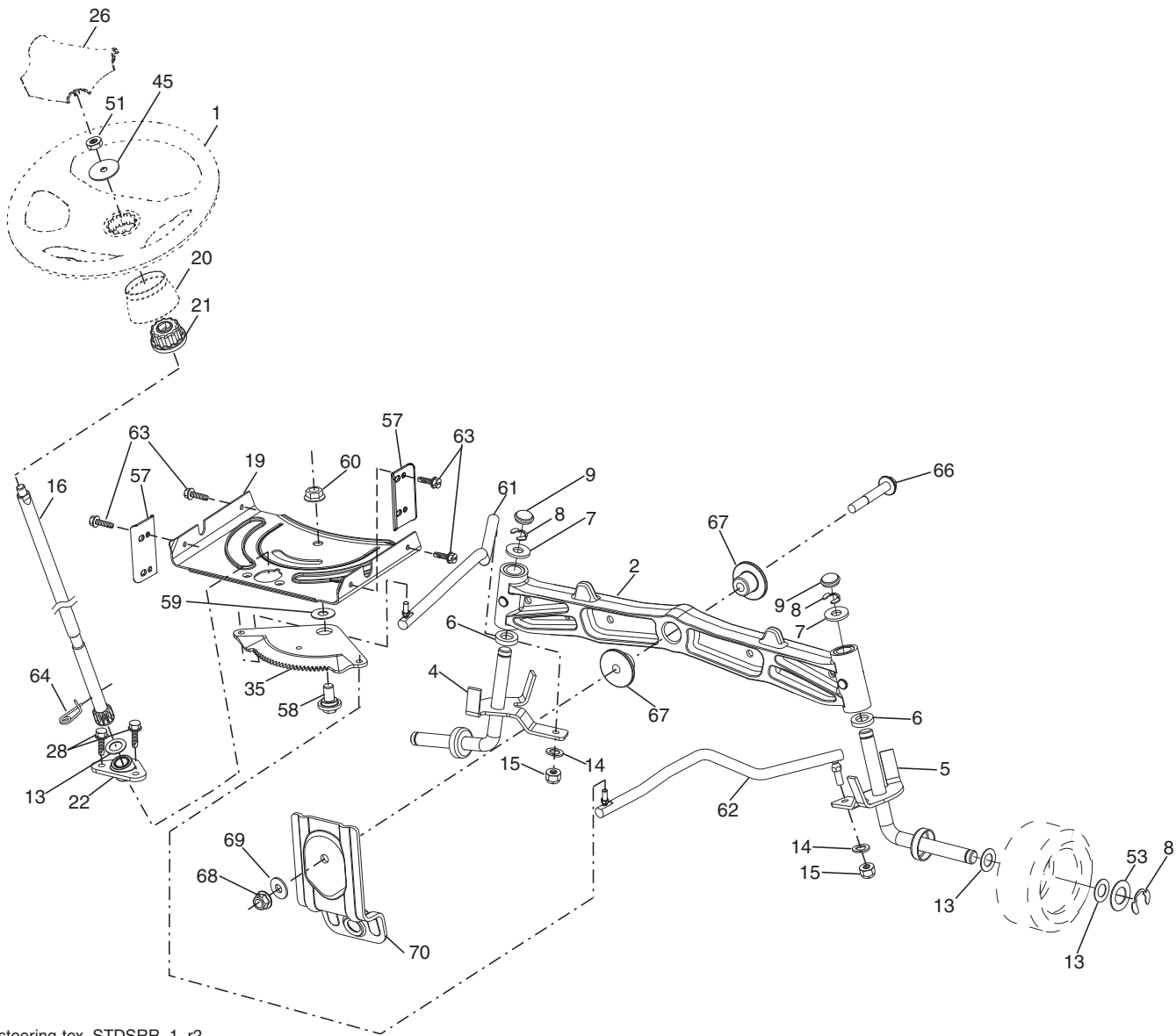
Briggs & Stratton 1-800-233-3723

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 NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25

STEERING ASSEMBLY

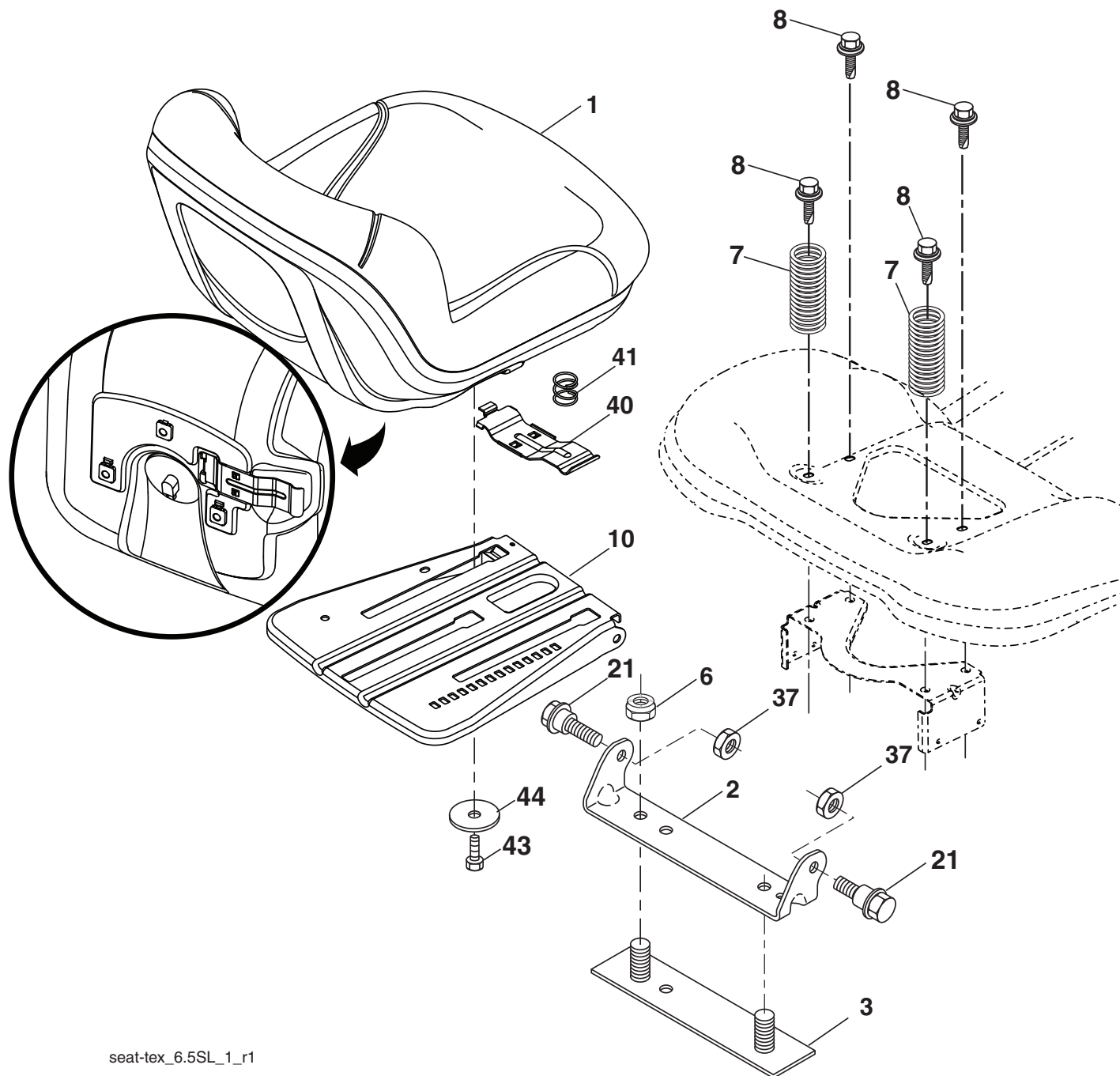


steering-tex_STDSRR_1_r2

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	532 42 45-51	Wheel, Steering	45	819 18 38-12	Washer 9/16 ID x 2-3/8 x 12 Ga.
2	532 19 59-68	Axle Asm., Front	51	873 94 08-00	Nut Hex Jam Toplock 1/2-20 unf
4	532 40 30-87	Spindle Asm., LH	53	532 18 89-67	Washer Hardened .793x1.637x.060
5	532 40 30-88	Spindle Asm., RH	57	532 40 74-65	Bracket Upstop
6	532 12 49-31	Bearing, Race Thrust Harden	58	532 19 47-47	Bolt Shoulder Sector Pivot CFM
7	532 12 17-48	Washer 25/32 x 1-5/8 x 16 Ga.	59	532 19 47-48	Washer Thrust Sector Steering
8	812 00 00-29	Ring, Clip #T5304-75	60	873 97 10-00	Nut Flange Lock 5/8-11
9	532 12 12-32	Cap, Spindle	61	532 19 47-40	Draglink, LH
13	532 12 17-49	Washer 25/32 x 1-1/4 x 16 Ga.	62	532 19 47-41	Draglink, RH
14	810 04 06-00	Washer, Lock Hvy Hlcl Spr 3/8	63	817 00 05-12	Screw 5/16-18 x 3/4
15	873 54 06-00	Nut, Crown Lock 3/8-24 unf	64	532 19 98-49	Retainer Clip Spring Steering
16	532 40 82-19	Shaft Steering	66	871 02 07-48	Bolt Hex Fghd 7/16-14 x 3 Serr
19	532 19 47-29	Plate Steering	67	532 19 47-37	Bushing PM Front Axle
20	532 43 27-84	Boot, Steering	68	873 90 07-00	Nut Lock Flange 7/16-14 Gr. 5
21	532 18 67-37	Adapter, Wheel Steering	69	532 19 91-62	Washer 1.5 x .505 x .118
22	532 42 05-37	Steering Support Lower	70	532 19 61-97	Bracket Deck Susp. Front
26	532 42 45-53	Insert, Wheel Steering			
28	817 00 06-12	Screw 3/8-16 x 3/4			
35	532 19 47-32	Gear, Sector Plate			

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

**TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25
SEAT ASSEMBLY**



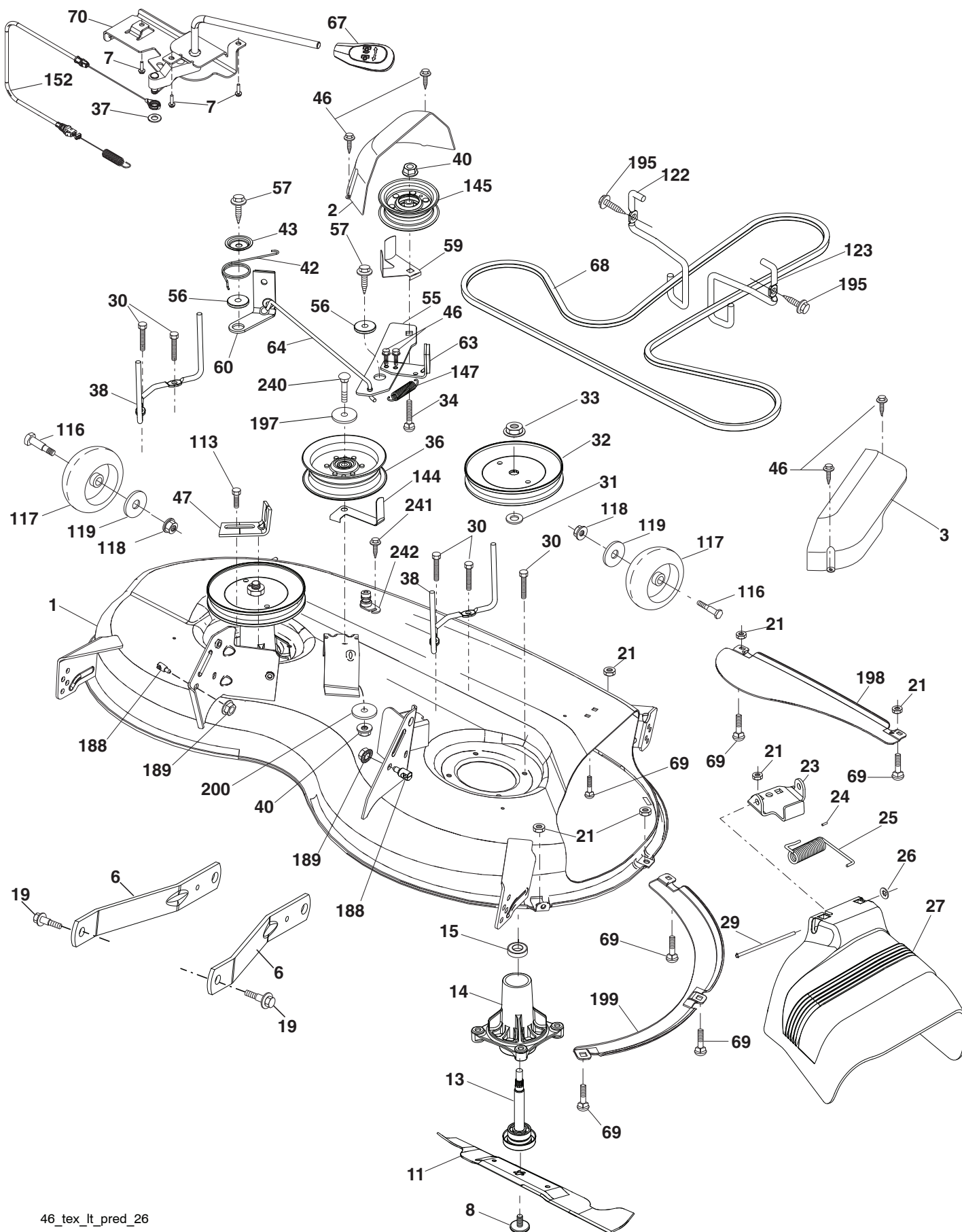
seat-tex_6.5SL_1_r1

KEY NO.	PART NO.	DESCRIPTION
1	532 40 66-23	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 Seat
41	532 19 82-00	Spring Latch Seat
43	874 76 06-12	Bolt Fin Hex 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

TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25
MOWER DECK

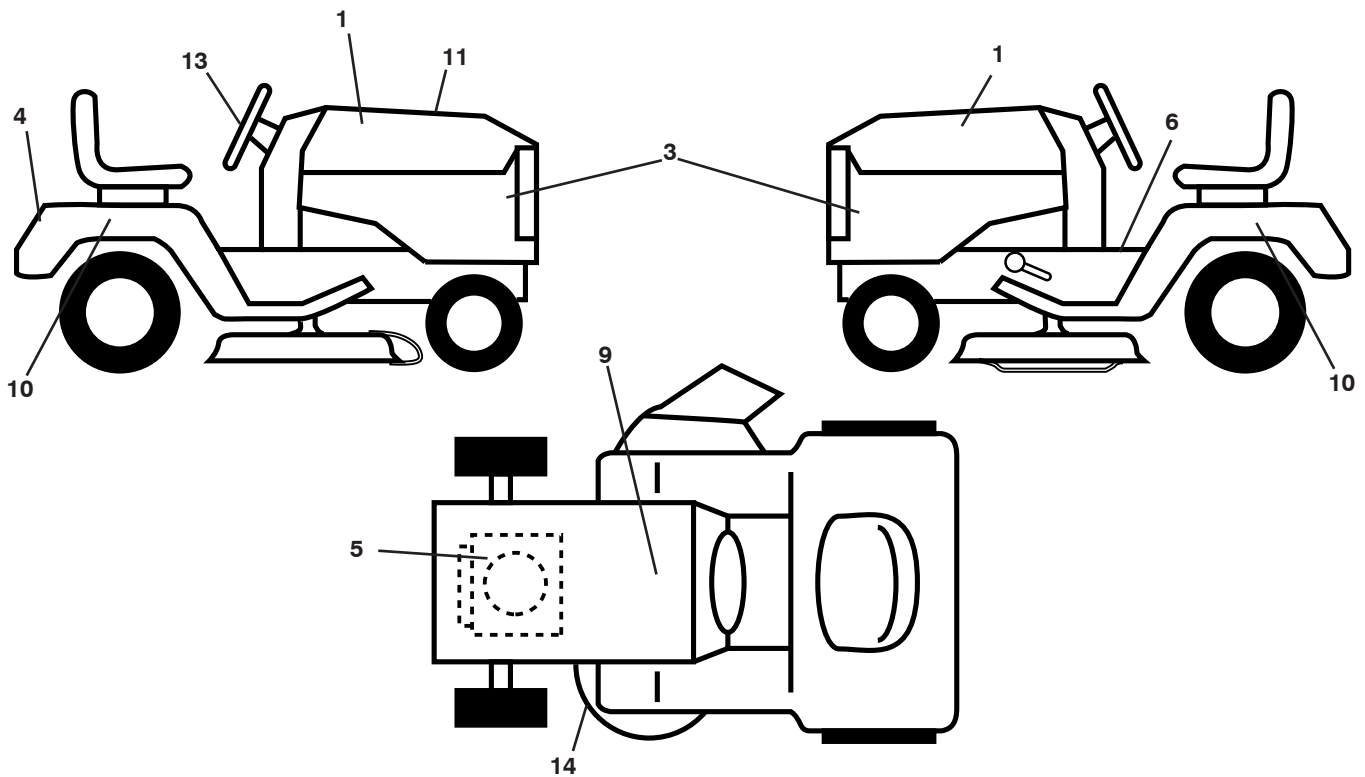


TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25 MOWER DECK

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	532 40 50-49	Mower Housing	63	532 19 94-77	Arm Brake Mower
2	532 40 55-07	Cover Mandrel LH	64	532 40 51-38	Linkage Brake
3	532 40 55-06	Cover Mandrel RH	67	532 40 30-12	Handle, Clutch Cable
6	532 19 51-86	Arm Suspension	68	532 40 51-43	V-Belt
7	532 41 63-58	Screw #10 x 0.750 BOS Thread	69	872 14 05-05	Bolt
8	532 19 30-03	Bolt/Washer Asm 7/16-20 unf	70	532 19 97-79	Clutch Asm. Manual
11	532 40 53-80	Blade Mower Hi-Lift	113	817 00 05-10	Screw 5/16-18
- -	532 40 31-07	Blade Mower Mulching	116	532 12 48-42	Bolt, Shoulder
13	532 19 28-72	Shaft Assembly, Mandrel	117	532 18 86-06	Wheel, Gauge
14	532 18 72-81	Housing, Mandrel	118	873 93 06-00	Nut, Crownlock 3/8-1
15	532 11 04-85	Bearing, Ball, Mandrel	119	819 12 14-14	Washer 13/32 x 7/8 x 14 Ga.
19	532 19 65-39	Bolt, Shoulder	122	532 19 72-58	Keeper Belt Eng. LH
21	873 68 05-00	Nut	123	532 19 72-59	Keeper Belt Eng. RH
23	532 19 25-57	Bracket, Deflector	144	532 19 92-04	Keeper Belt
24	532 10 53-04	Cap, Sleeve	145	532 19 31-97	Pulley Idler Primary
25	532 19 70-26	Spring, Torsion, Deflector	147	532 40 18-72	Spring Return
26	532 11 04-52	Nut, Push	152	532 43 51-11	Cable Clutch Manual w/Spr.
27	532 40 53-57	Shield, Deflector	188	532 19 51-61	Stud Fastener
29	532 13 14-91	Rod, Hinge	189	873 90 05-00	Nut Lock Hex Flange
30	532 17 39-84	Screw Thdrol Rolling Wsh Hd	195	817 00 06-12	Screw 3/8-16 x 3/4
31	532 18 76-90	Washer, Spacer	197	819 13 13-12	Washer 13/32 x 13/16 x 12 Ga.
32	532 19 74-73	Pulley, Mandrel	198	532 40 31-49	Baffle Center Front
33	532 40 02-34	Nut, Toplock, Flanged	199	532 40 31-50	Baffle Front RH
34	872 11 06-12	Bolt Carr Sh. 3/8-16 x 1-1/2 Gr. 5	200	532 41 35-24	Washer 13/32 x 1 x 1/2 11 Ga.
36	532 19 73-79	Pulley, Idler	240	874 52 06-36	Bolt Fin Hex 3/8-16 x 2-1/4 Gr. 5
37	819 13 13-16	Washer 13/32 x 13/16 x 16 Ga.	241	532 15 29-27	Screw
38	532 43 25-20	Keeper Belt Mandrel	242	532 41 55-98	Washout Port
40	873 90 06-00	Nut, Lock Flg. 3/8-16 unc	- -	532 19 28-70	Mandrel Assembly (Includes housing, shaft assembly, and bearing only - pulley/nut/washer and blade bolt/washers not included)
42	532 19 84-10	Spring Torsion Brake	- -	532 41 64-05	Quick Connect Coupling
43	532 19 72-56	Spring Torsion Retainer	- -	532 41 80-63	Replacement Mower, Complete
46	532 13 77-29	Screw			
47	532 19 72-50	Bracket Clutch Cable			
55	532 19 72-49	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 94-71	Arm Brake Mower			

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

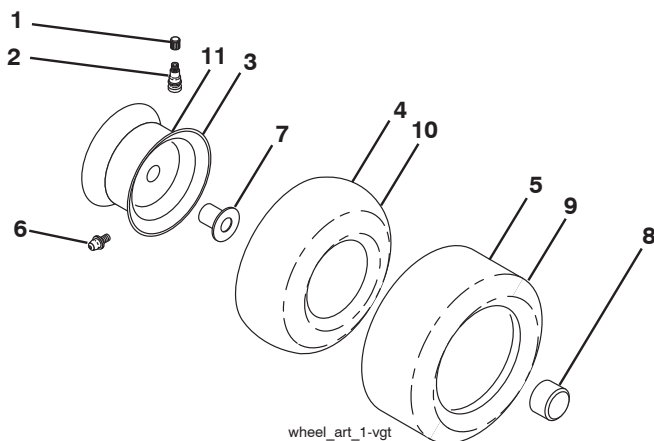
TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25 DECALS



KEY NO.	PART NO.	DESCRIPTION
1	532 43 01-13	Decal, Hood
3	532 43 03-41	Decal, Side Panel
4	532 43 01-12	Decal, Fender
5	532 42 95-56	Decal, Eng H.P.
6	532 41 16-57	Decal, Fender Operator's
9	532 14 50-05	Decal, Battery Dnge/Poi
10	532 43 02-55	Decal, Fender SD RH
11	532 43 84-28	Decal, Replacement

KEY NO.	PART NO.	DESCRIPTION
13	532 43 01-11	Decal, Steering Wheel
14	532 16 03-96	Decal, Mower Schematic
--	532 16 69-60	Decal, Bypass
--	532 40 95-07	Pad, Footrest Control
--	532 40 95-05	Pad, Footrest, LH
--	532 43 85-70	Manual, Operator's (Eng/Span)
--	532 43 85-72	Manual, Parts (English)

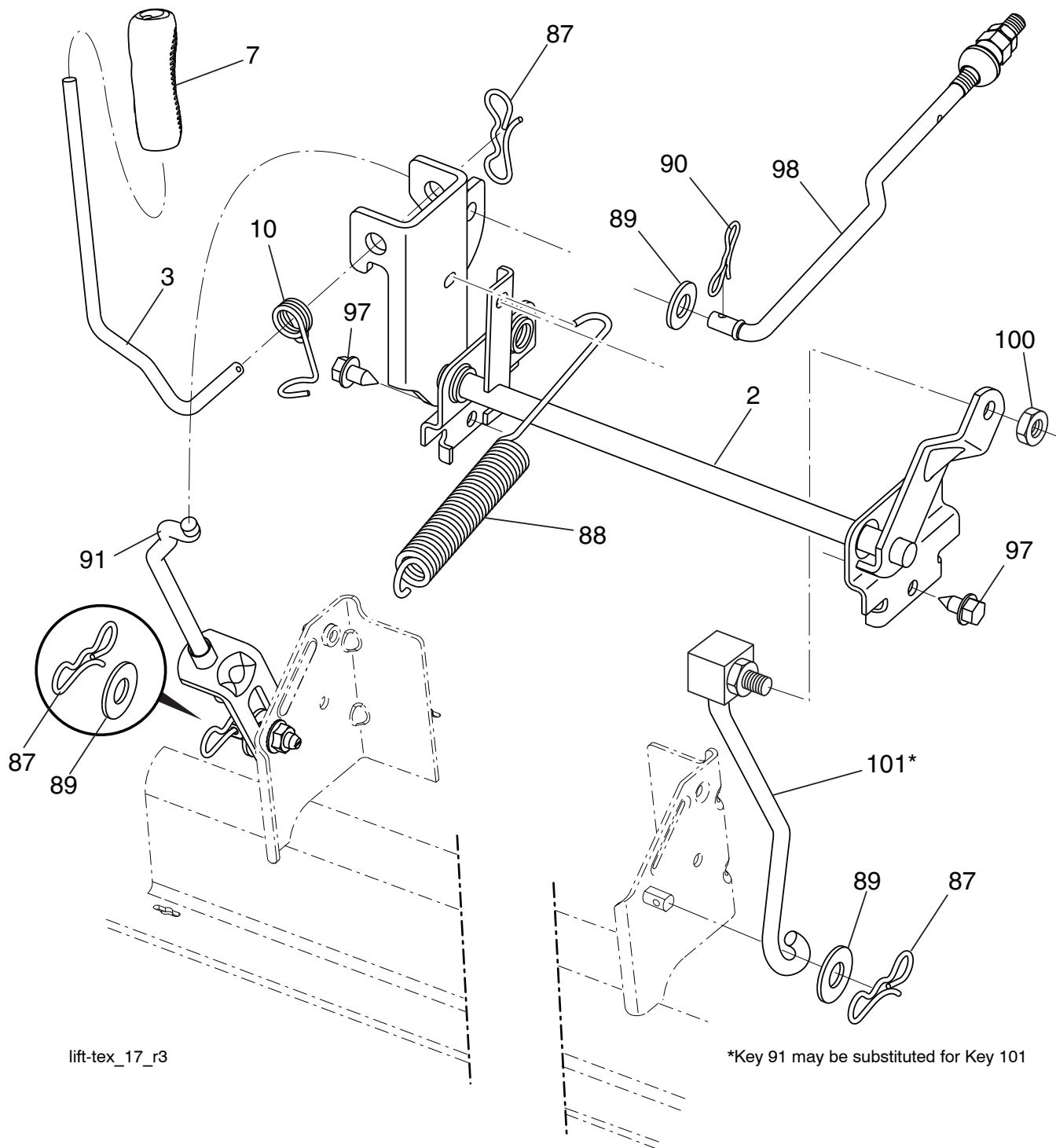
WHEELS AND TIRES



KEY NO.	PART NO.	DESCRIPTION
1	532 05 91-92	Cap, Valve, Tire
2	532 06 51-39	Stem, Valve
3	532 10 67-32	Rim Assembly, Front
4	532 05 99-04	Tube, Front
5	532 10 62-22	Tire, Front
6	532 12 49-57	Fitting, Grease
7	532 12 49-59	Bearing, Flange
8	532 17 50-39	Cap, Axle (Front Wheel Only)
9	532 13 84-68	Tire, R TS 20 x 8-8.C
10	532 12 49-26	Tube, Rear
11	532 10 61-08	Rim Assembly, Rear
--	532 14 43-34	Sealant, Tire (10 oz. Tube)

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

**TRACTOR - - MODEL NO. PB22H46YT (96042012500), PRODUCT NO. 960 42 01-25
MOWER LIFT**



lift-tex_17_r3

KEY NO.	PART NO.	DESCRIPTION
2	532 42 20-27	Shaft Asm., Lift
3	532 19 52-31	Lever Asm., Lift RH
7	532 41 15-55	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
91	532 19 51-81	Link Asm. Lift Rear

KEY NO.	PART NO.	DESCRIPTION
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