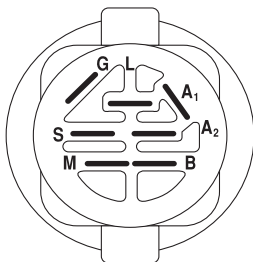


TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
SCHEMATIC

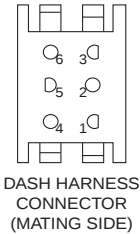
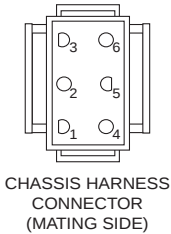
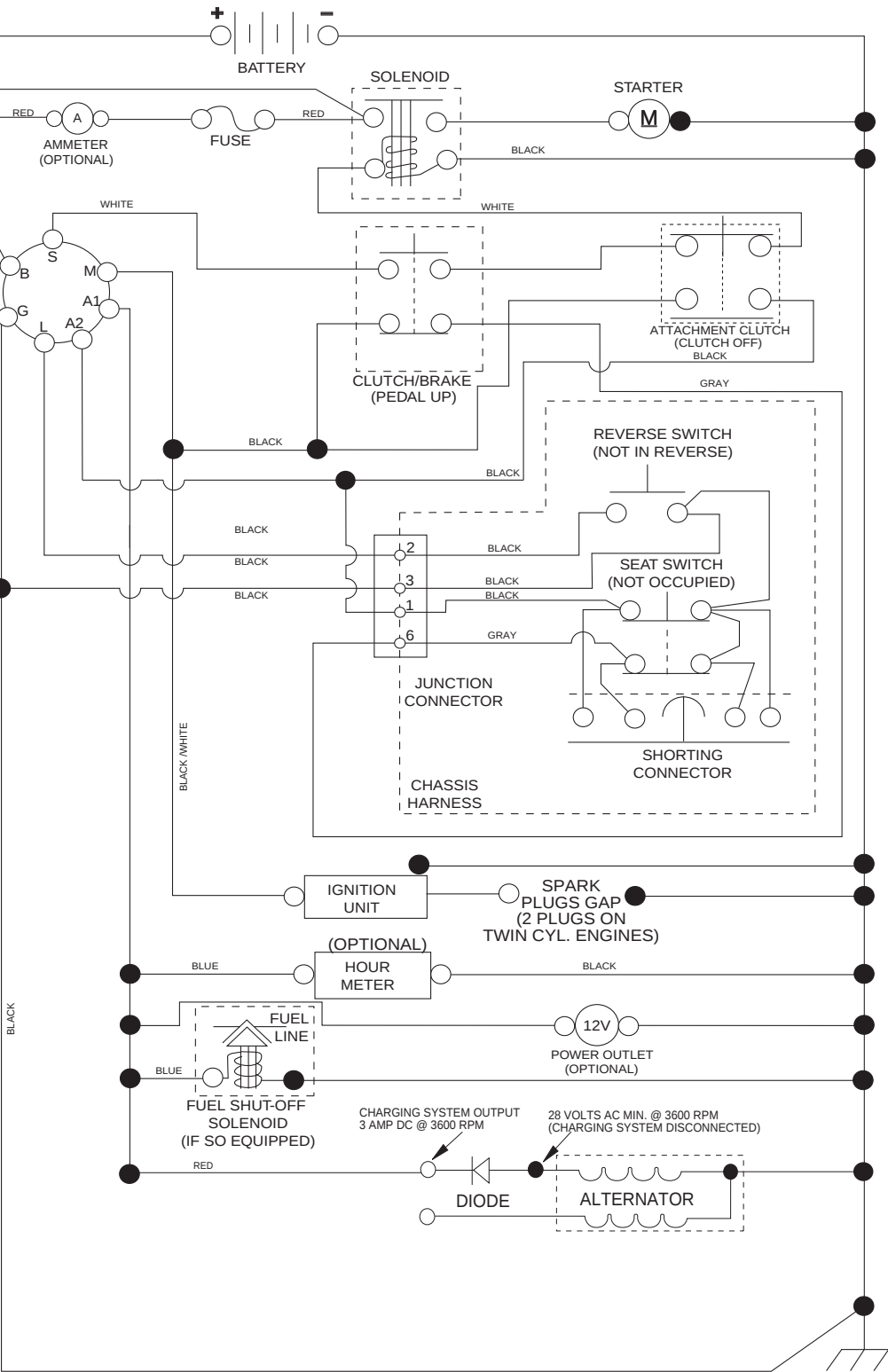
SCH18

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.

NON-REMOVABLE
CONNECTIONS

REMOVABLE
CONNECTIONS

T31K

The diagram illustrates the wiring for the T31K system, featuring a central control unit (40) connected to various components. Key components include:

- With 12V Outlet Option:** A 12V outlet (59) connected to a switch (103).
- With Service Minder Option:** A service minder unit (46).
- Battery and Charger:** A battery (1) connected to a charger (2) via a cable (28). The battery is also connected to a terminal block (55).
- Control Unit (40):** The central hub for the system, connected to various sensors and actuators.
- Sensors and Actuators:** Components like the 16V sensor (16), 27V sensor (27), 30V sensor (30), 33V sensor (33), 41V sensor (41), 43V sensor (43), 42V sensor (42), 44V sensor (44), 45V sensor (45), 46V sensor (46), 47V sensor (47), 48V sensor (48), 49V sensor (49), 50V sensor (50), 51V sensor (51), 52V sensor (52), 53V sensor (53), 54V sensor (54), 55V sensor (55), 56V sensor (56), 57V sensor (57), 58V sensor (58), 59V sensor (59), 60V sensor (60), 61V sensor (61), 62V sensor (62), 63V sensor (63), 64V sensor (64), 65V sensor (65), 66V sensor (66), 67V sensor (67), 68V sensor (68), 69V sensor (69), 70V sensor (70), 71V sensor (71), 72V sensor (72), 73V sensor (73), 74V sensor (74), 75V sensor (75), 76V sensor (76), 77V sensor (77), 78V sensor (78), 79V sensor (79), 80V sensor (80), 81V sensor (81), 82V sensor (82), 83V sensor (83), 84V sensor (84), 85V sensor (85), 86V sensor (86), 87V sensor (87), 88V sensor (88), 89V sensor (89), 90V sensor (90), 91V sensor (91), 92V sensor (92), 93V sensor (93), 94V sensor (94), 95V sensor (95), 96V sensor (96), 97V sensor (97), 98V sensor (98), 99V sensor (99), 100V sensor (100).

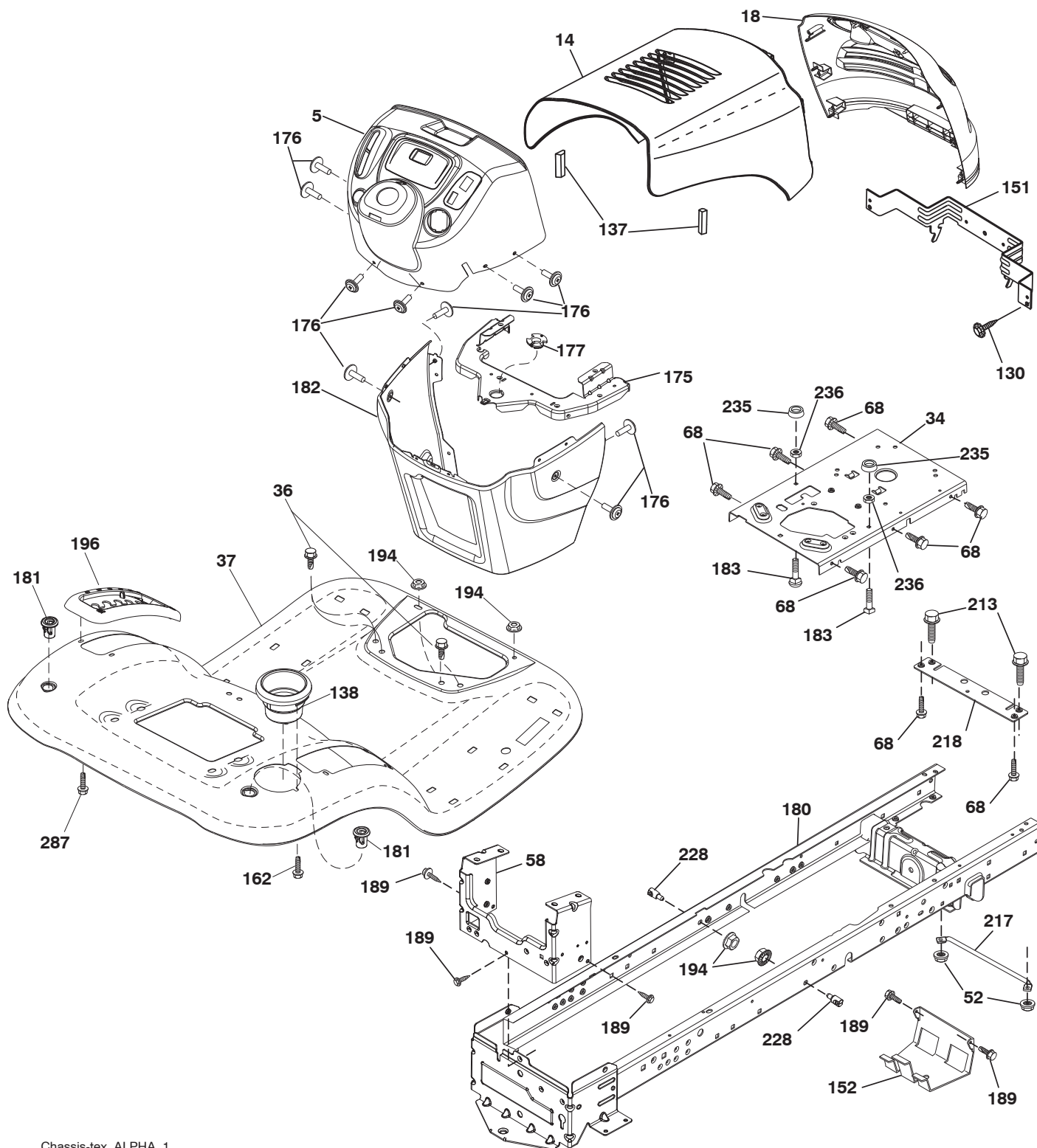
**TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
ELECTRICAL**

KEY NO.	PART NO.	DESCRIPTION
1	144924	Battery
2	74760412	Bolt Hex Hd 1/4-20 unc x 3/4
8	193228	Box Battery
16	176138	Switch Interlock
25	412894	Cable Battery 6 Ga. BL/Red 14.5
26	175158	Fuse
27	73510400	Nut Keps Hex 1/4-20 unc
28	198885	Cable Ground 18" Rear Battery Blk 6 Ga.
29	192749	Switch Seat
30	193350	Switch Ign
33	411935	Key/Chain
40	401098	Harness Ign
41	17720408	Screw 1/4-20 unc x 1/2
42	131563	Cover Terminal Red
43	192507	Solenoid
55	17060512	Screw 5/16-18 x 3/4
71	400449	Harness Ign. Chass.
87	197802	Switch Interlock Clutch
90	400725	Cover Terminal
92	196615	Harness Pigtail Reverse Switch
93	192540	Screw Plastic 10-14 x 2.0
94	191834	Modual Reverse ROS

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

TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08

CHASSIS



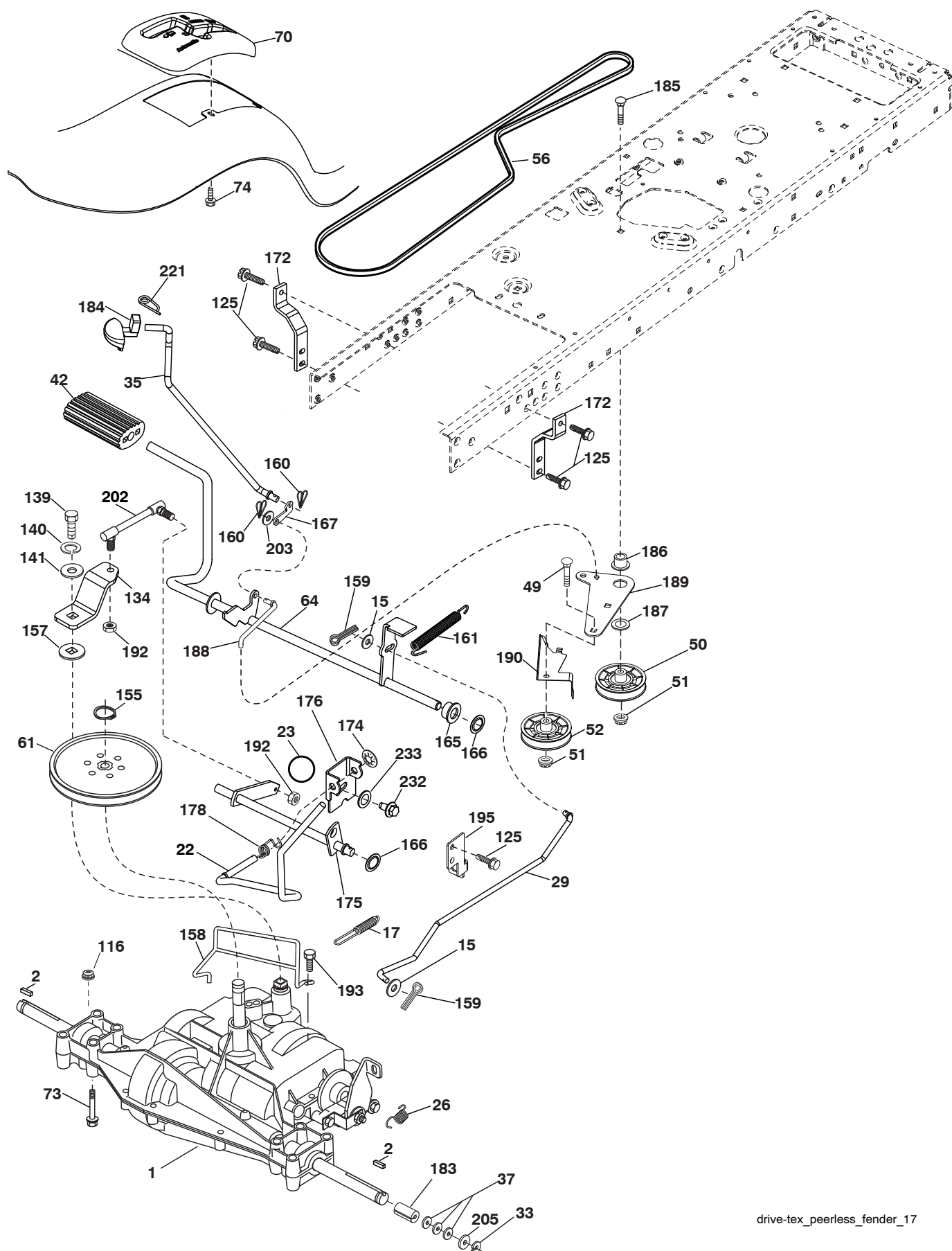
Chassis-tex_ALPHA_1

**TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
CHASSIS**

KEY NO.	PART NO.	DESCRIPTION
5	197783X428	Dash
14	187559X428	Hood
18	429193X428	Grille
34	196125	Plate Engine
36	17060512	Screw 5/16-18 x 3/4
37	414872X428	Fender
52	73680500	Nut Lock 5/16-18
58	412280	Drawbar Upper
68	17490508	Screw Thdrol 5/16-18 x 1/2
130	416358	Screw #10 x 0.750
137	184921	Bumper Hood
138	193224X428	Cupholder
151	187568	Bracket Pivot
152	199535	Shield Browning/Debris
162	142432	Screw Hex Wsh Hi-Lo 1/4 x 1/2
175	193243	Crossmember
176	400776	Screw 10-24 x 5/8 Wshd Qdrx
177	195228	Bushing Steering
180	414685	Chassis
181	193102X428	Bushing Mtg. Fender Crgo.
182	193057	Dash Lower
183	74780520	Bolt Fin Hex 5/16-18 x 1-1/4
189	17000512	Screw 5/16-18 x 3/4
194	73900500	Nut Lock Hex Flange 5/16-18
196	414579	Console Asm. Deck Lift
213	74760512	Bolt 5/16-18 x 3/4
217	409167	Rod Pivot Hood
218	196395	X-Piece Hood Stop
228	195161	Stud Fastener
235	406129	Spacer Fender
236	73930500	Nut Center Lock 5/16-18
287	17600406	Screw 1/4-20 x 3/8
- - -	193640X428	Plug Switch Light

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

TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
DRIVE

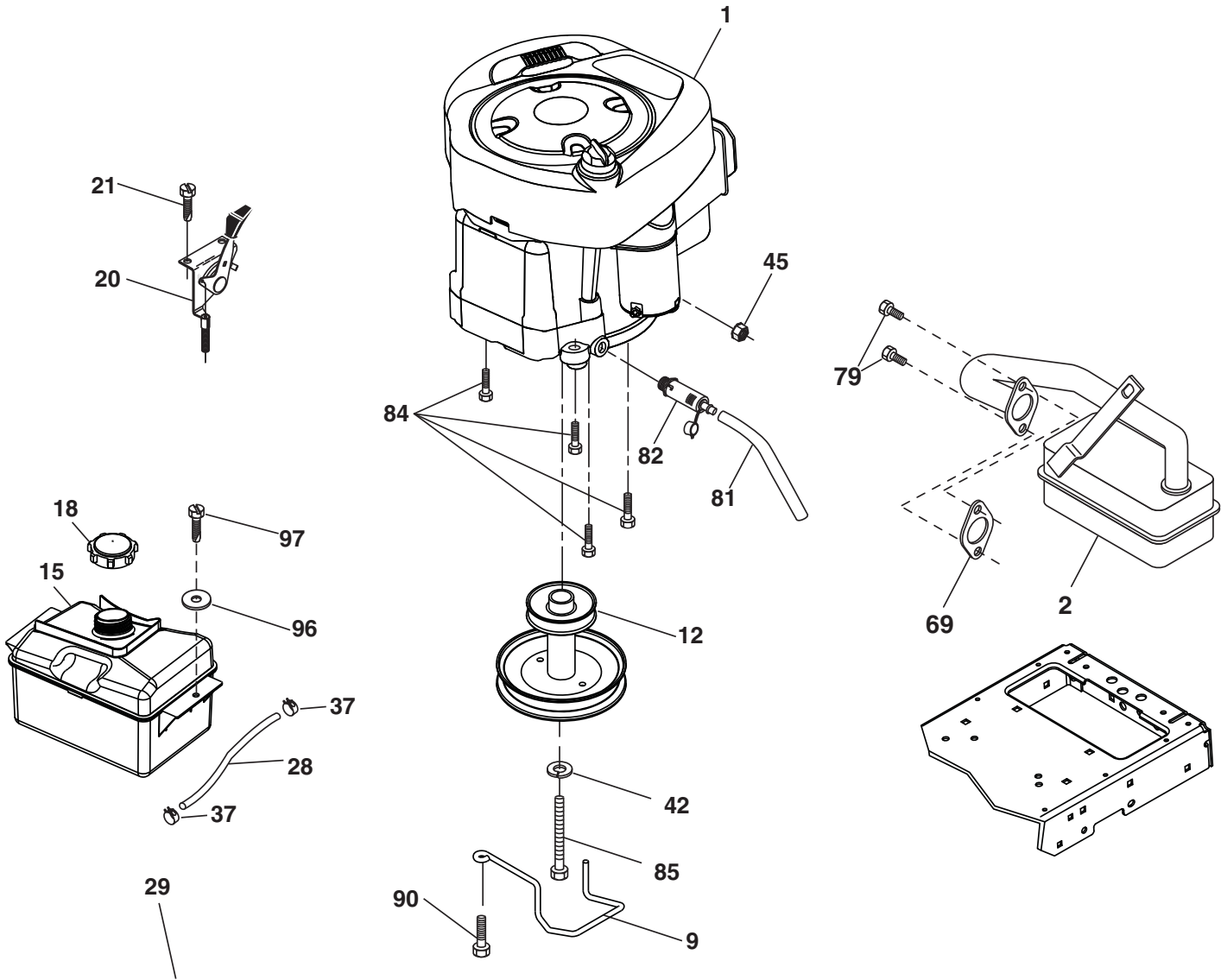


TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08 DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	-----	Transaxle, Peerless 206-565 (Order Parts from Transaxle Mfgr.)	159	76020412	Pin Cotter 1/8 x 3/4
2	123583X	Key Square	160	169484	Retainer Clip
15	19131316	Washer 13/32 x 13/16 x 16 Ga.	161	105709X	Spring, Return, Clutch
17	197297	Spring, Brake	165	196212	Busing Shaft Brake Hand Control
22	197660	Rod Shift	166	428305	Nut Push .625
23	106933X	Knob	167	405257	Latch Brake Parking
26	197455	Spring Brake RTN	172	197657	Strap Torque LH
29	197267	Rod, Brake	174	197289	Nut Push
33	12000001	Ring E	175	197858	Shaft Asm Shift
35	197722	Rod, Brake, Park	176	196214	Arm Clevis Rod Shift
37	121749X	Washer 25/32 x 1-1/4 x 16 Ga.	178	197456	Spring Shift
42	8883R	Cover, Foot Pedal	183	137057	Spacer, Axle
49	72110614	Bolt	184	198403X505	Handle Parking Brake
50	194327	Pulley Idler Flat	185	72110622	Bolt
51	73900600	Lock Nut 3/8-16	186	194321	Spacer Retainer
52	194326	Idler V-Groove	187	19133210	Washer
56	138255	V-Belt, Drive	188	194323	Link Clutch Ground Drive
61	165999	Pulley Transaxle	189	194317	Bellcrank Ground Drive
64	196200	Shaft Asm. Pedal Brake Control	190	194318	Keeper Bellcrank Ground Drive
70	193225X428	Console	192	150360	Nut Lock Center 1/4-28
73	74490544	Bolt 5/16-18 Gr. 5	193	17060512	Screw 5/16-18 x 3/4
74	142432	Screw 1/4 x 1/2	195	197332	Bracket Brake Rod
116	73900500	Nut Lock Hex Flange 5/16-18	202	197859	Link Shift
125	17000512	Screw 5/16-18 x 3/4	203	19111116	Washer 11/32 x 11/16 x 16 Ga.
134	197857	Arm Shift	205	121748X	Washer 25/32 x 1-5/8 x 16 Ga.
139	74550412	Bolt 1/4-20 unf Gr. 8 w/Patch	221	403187	Retainer Spring Clip Handle
140	10040400	Washer Lock Hvy Helical 1/4	232	74780716	Bolt 7/16-14 x 1 Gr. 5
141	19091210	Washer 9/32 x 3/4 x 10 Ga.	233	405296	Washer Serrated
155	12000028	Ring Retainer			
157	105701X	Washer Plate Shf			
158	194352	Keeper T/A			

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

TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
ENGINE



OPTIONAL EQUIPMENT
Spark Arrester

engine-bs-1cyl-tex_11

TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08 ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	-- -- --	Engine Briggs Model No. 219807-0389-B1
2	179758	Muffler
9	194319	Keeper Belt Engine
12	140186	Pulley Engine
15	407545	Tank Fuel 1.5
18	425162	Cap
20	170545	Control Throttle
21	416358	Screw #10 x 0.750
28	401137	Fuel Line
29	137180	Spark Arrester Kit
37	123487	Clamp Hose
42	10040700	Washer Lock 7/16
45	73510400	Nut Keps Hex 1/4-20 unc
69	165291	Gasket
72	192334	Screw 5/16 - 18 x .75
81	148456	Tube Drain Oil Easy
82	428287	Valve Oil Drain
84	17060620	Screw 3/8-16 x 1-1/4
85	71170764	Bolt Hex 7/16-20 x 4 Gr. 5
90	17000616	Screw 3/8-16 x 1
96	19091416	Washer 9/32 x 7/8 x 16 Ga.
97	17670412	Screw 1/4-20 x 3/4

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 J11940 (Small Engine Power & Torque Rating Procedure), and rating performance has been obtained and corrected in accordance with SAE J1995 (Revision 2002-5). 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 horsepower). 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.

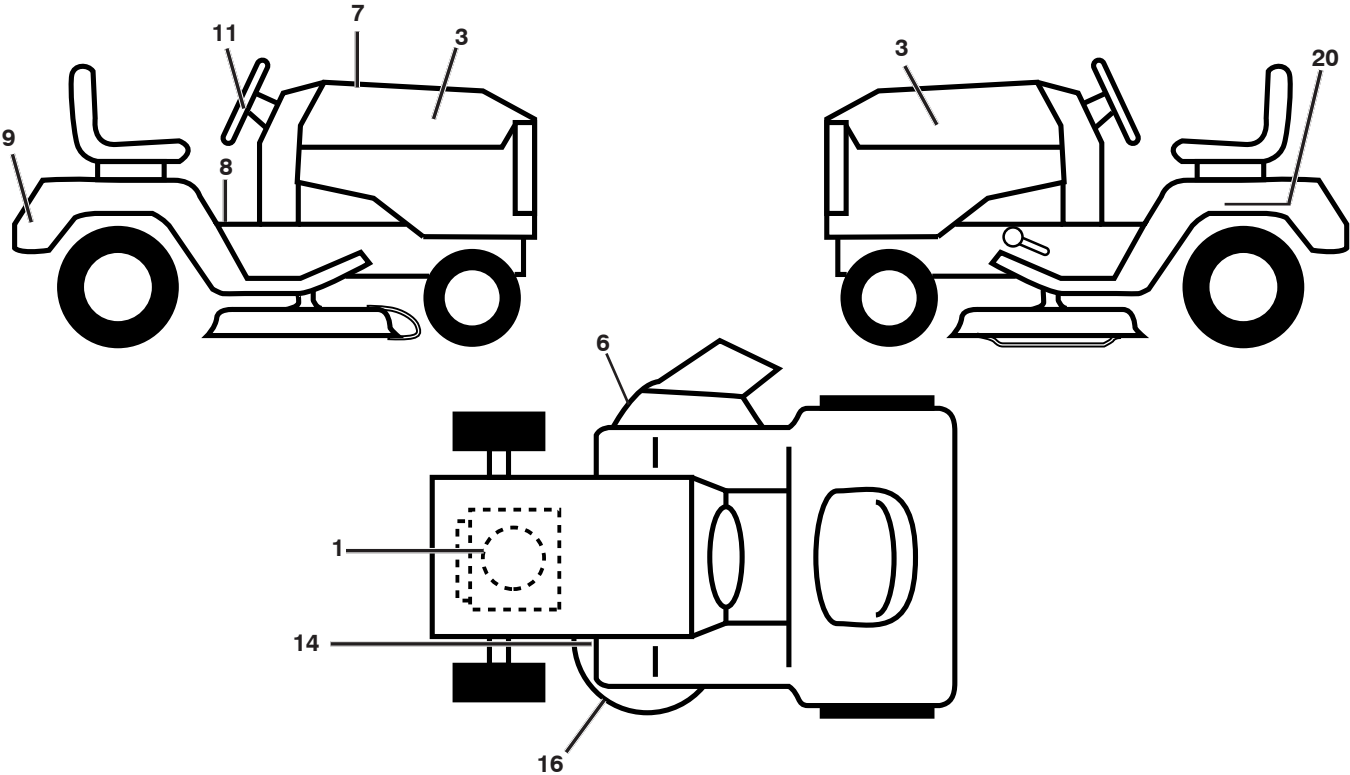
This exploded view diagram illustrates the assembly of a vehicle steering knuckle. The central component is the steering knuckle (2), which is shown in relation to various other parts. Key components include the upper control arm (16), lower control arm (62), and steering knuckle (2). The diagram also shows the steering knuckle's connection to the steering rack (61) and the steering knuckle's connection to the wheel hub (13). The diagram includes numerous callouts for various parts, including bolts, nuts, washers, and shims, which are used to assemble the steering knuckle and its associated components. The diagram is labeled with the text 'steering-tex_STDHRS_3_r1' in the bottom left corner.

steering-tex_STDHRS_3_r1

TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
STEERING

KEY NO.	PART NO.	DESCRIPTION
1	414803X428	Wheel, Steering
2	418168	Axle Asm., Front
4	416845	Spindle Asm., LH
5	416846	Spindle Asm., RH
6	6266H	Washer Thrust 0.75 x 1.23
7	121748X	Washer 25/32 x 1-5/8 x 16 Ga.
8	12000029	Ring, Clip #T5304-75
9	121232X	Cap, Spindle
13	121749X	Washer 25/32 x 1-1/4 x 16 Ga.
14	10040600	Washer Lock 3/8
15	73540600	Nut, Crown Lock 3/8-24 unf
16	408220	Shaft Steering
19	194729	Plate Steering
20	198375X428	Boot, Steering
21	186737	Adapter, Wheel Steering
22	194845	Bushing, Strg. Blk
26	414854X428	Insert, Wheel Steering
28	17000612	Screw 3/8-16 x 3/4
33	10040500	Washer Lock 5/16
35	194732	Gear, Sector Plate
45	19113812	Washer 11/32 x 2-3/8 x 12 Ga.
53	188967	Washer Hardened .793x1.637x.060
57	407465	Bracket Upstop
58	194747	Bolt Shoulder Sector Pivot CFM
59	194748	Washer Thrust Sector Steering
60	73971000	Nut Flange Lock 5/8-11
61	194740	Draglink, LH
62	194741	Draglink, RH
63	17000512	Screw 5/16-18 x 3/4
64	199849	Retainer Clip Spring Steering
66	71020748	Bolt Hex Fghd 7/16-14 x 3 Serr
67	194737	Bushing PM Front Axle
68	73900700	Nut Lock Flange 7/16-14 Gr. 5
69	199162	Washer 1.5 x .505 x .118
70	417065	Bracket Deck Susp. Front
71	196075	Shaft Ext. Steering
72	74780572	Bolt 5/16-18 x 4.5 Gr. 5
74	3366R	Bearing

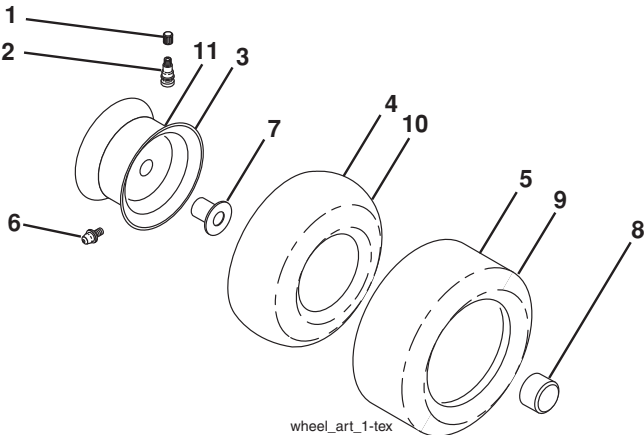
NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm



KEY NO.	PART NO.	DESCRIPTION
1	408813	Decal Engine HP
3	429170	Decal Hood
6	429112	Decal Warning, Keep Hand Away
7	429036	Decal Replacement Parts
8	411658	Decal Fender Warn S/F
9	429169	Decal Fender Logo
11	429171	Decal Ins Strg Whl
14	421543	Decal V-Belt Schematic

KEY NO.	PART NO.	DESCRIPTION
16	429173	Decal Deck Landscape
20	145005	Decal Bat Dan/Psn
--	193226X428	Pad Footrest LH
--	193227X428	Pad Footrest RH
--	429078	Manual Operator's (English/ French)
--	429079	Manual Operator's (Spanish)
--	429080	Manual Parts (English)

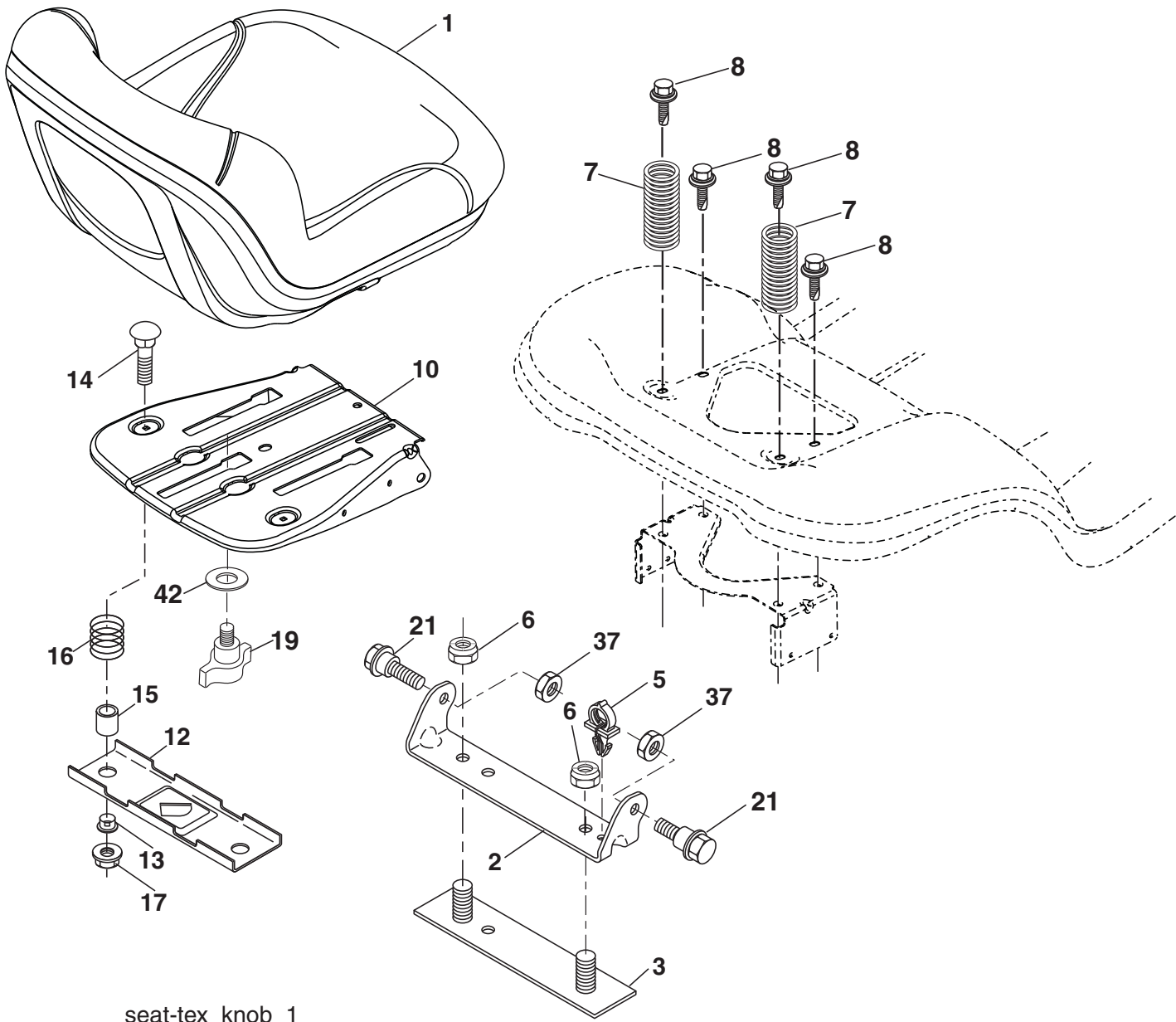
WHEELS AND TIRES



KEY NO.	PART NO.	DESCRIPTION
1	59192	Cap Valve Tire
2	65139	Stem Valve
3	421554X643	Rim Asm Front
4	421652	Tube Front (Service Item Only)
5	123410X	Tire F T
6	278H	Fitting Grease (Front Wheel Only)
7	9040H	Bearing Flange (Front Wheel Only)
8	104757X428	Cap Axle Blk 1 50 x 1 00
9	106230X	Tire R T
10	7154J	Tube Rear (Service Item Only)
11	421533X643	Rim Asm 8" Rear Service
--	144334	Sealant, Tire (10 oz. Tube)

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

TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
SEAT

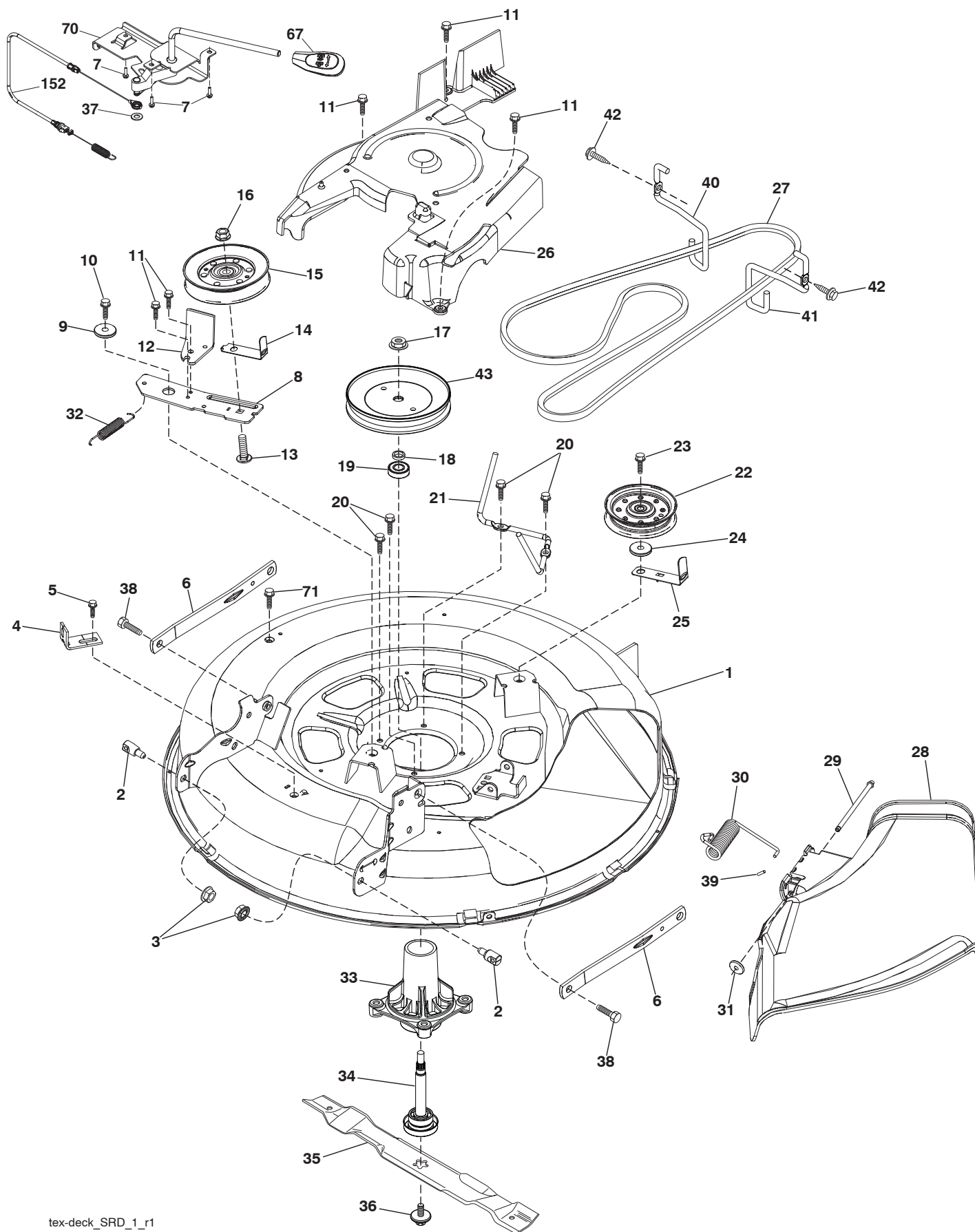


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	403017	Seat	15	134300	Spacer Split
2	180166	Bracket Pivot Fender	16	123740X	Spring CPRSN Plate SW 1.310 Ga.
3	140675	Strap, Asm Fender	17	123976X	Nut Lock 1/4 Gr.5
5	145006	Clip Push-In Hinged	19	199372	Knob Seat
6	73800600	Nut, Lock w/Ins. 3/8-16 unc	21	171852	Bolt, Shoulder 5/16-18
7	124181X	Spring, Seat Cprsn	37	73800500	Nut, Lock 5/16-18 unc
8	171877	Bolt 5/16-18 unc x 3/4 w/Sems	42	199371	Washer Cup Seat
10	199180	Pan, Seat			
12	199370	Bracket Seat Mounting			
13	121248X	Bushing Snap			
14	72050412	Bolt 1/4 - 20 X 1-1/2			

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

TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08

MOWER DECK

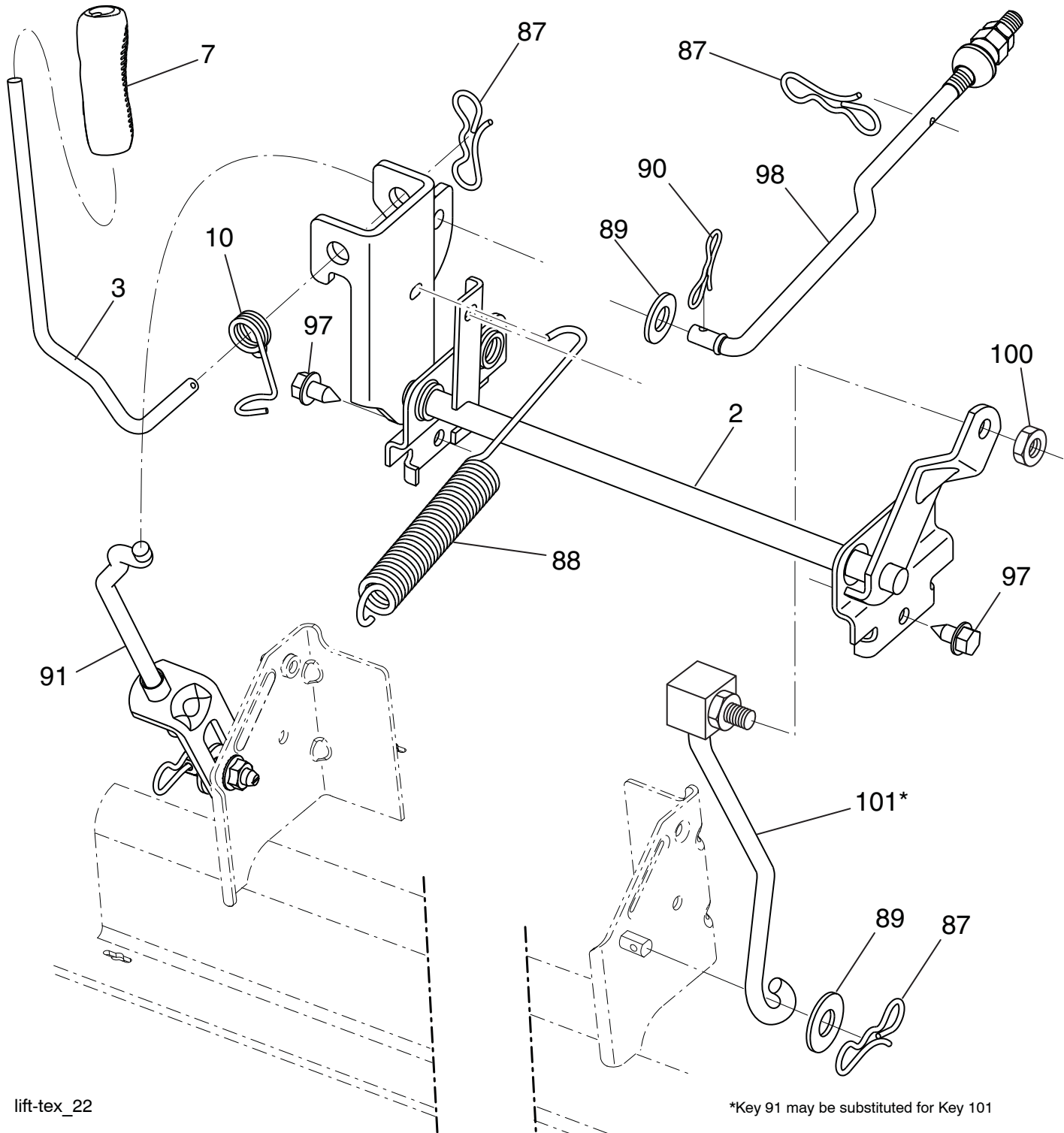


**TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
MOWER DECK**

KEY NO.	PART NO.	DESCRIPTION
1	419272	Deck Weldment 30"Srd
2	195161	Stud Fastner w/d'anti-Rotatio
3	73900500	Nut Lock Hex Flange 5/16 - 18
4	417645	Bracket Clutch Cable
5	17000510	Bolt 5/16-18
6	418863	Arm Susp Mower Rear Srd
7	416358	Screw #10 x 0.750 BOS Thread
8	420252	Arm Idler 30"Srd
9	199092	Spacer Retainer
10	17000616	Screw 3/8 - 16 X 1 Smgml Tap/R Blk
11	137729	Screw Thd Roll 1/4 - 20 X 5/8
12	199470	Arm Brake Mower 38" RH Tex
13	72110612	Bolt Carr Sh 3/8 - 16 X 1 - 1/2 Gr5
14	156085	Keeper Belt Idler
15	146763	Pulley Idler V-Groove Dim 4.25
16	73900600	Nut Lock FIG 3/8 - 16 unc
17	400234	Nut Flange Lock Top
18	187690	Washer Spacer Mandrel
19	110485X	Bearing Ball Mandrel
20	173984	Screw Thd Roll Dod Pt Hex
21	416910	Keeper Belt Mandrel 30"
22	193198	Pulley Idler Flat Unplated
23	17490628	Screw Thdrol 3/8 - 16 X 1-3/4
24	19132012	Washer 13/32 X 1 - 1/4 X 12 Ga
25	420253	Keeper Belt 30"Srd
26	420255	Cover Mandrel Mwr 30"Black
27	126520X	V-Belt 88.45 GND DR/30" MWR
28	417344	Deflector
29	420895	Hinge Pin
30	197026	Spring Torsion
31	110452X	Nut Push
32	401872	Spring Return Deck 38/46"
33	187281	Housing Mandrel 4pt Service
34	192872	Shaft Asm Mndrl N/Greaseable 38
35	419274	Blade Mower Bagging Srd
36	193003	Bolt/Washer Asm 7/16 - 20 unf
37	19131316	Washer 13/32 x 13/16 x 16 Ga.
38	196539	Bolt Shoulder
39	105304X	Cap Sleeve
40	419270	Keeper Belt Engine LH
41	419265	Keeper Belt Engine RH
42	17000612	Screw Hexwsh THDR 3/8-16 x 3/4 BL
43	416877	Pulley Mandrel 6 5 Pd 30"
67	198398X505	Handle clutch cable
70	198332	Clutch Asm. Manual
71	17670608	Screw 3/8-16 x 1/2
152	408714	Manual Clutch Cable
- -	192870	Mandrel Assembly (Includes Housing, Shaft Assembly, And Bearing Only - Pulley/Nut/Washer And Blade Bolt/Washers Not Included)
- -	421606	Replacement Mower Complete

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

TRACTOR - MODEL NO. PXT12530 (96046000800), PRODUCT NO. 960 46 00-08
MOWER LIFT



KEY NO.	PART NO.	DESCRIPTION
2	422027	Shaft Asm., Cross Lift
3	195231	Lever Asm., Lift RH
7	196492X428	Grip, Lever
10	196314	Spring Torsion
87	194209	Pin Cotter 7/16 Bow Tie Lock
88	410710	Spring Lift Assist
89	19191912	Washer Clear Zinc
90	194208	Pin Cotter 5/16 Bow Tie Lock

KEY NO.	PART NO.	DESCRIPTION
91	195181	Link Lift Susp Mower Rear
97	17000612	Screw 3/8-16 x .75 Smgml Tap/R.Z
98	195270	Link Lift Susp. Front Mower
100	73930600	Nut Centerlock 3/8 -16 unc
101	407003	Link Asm Lift Fixed

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