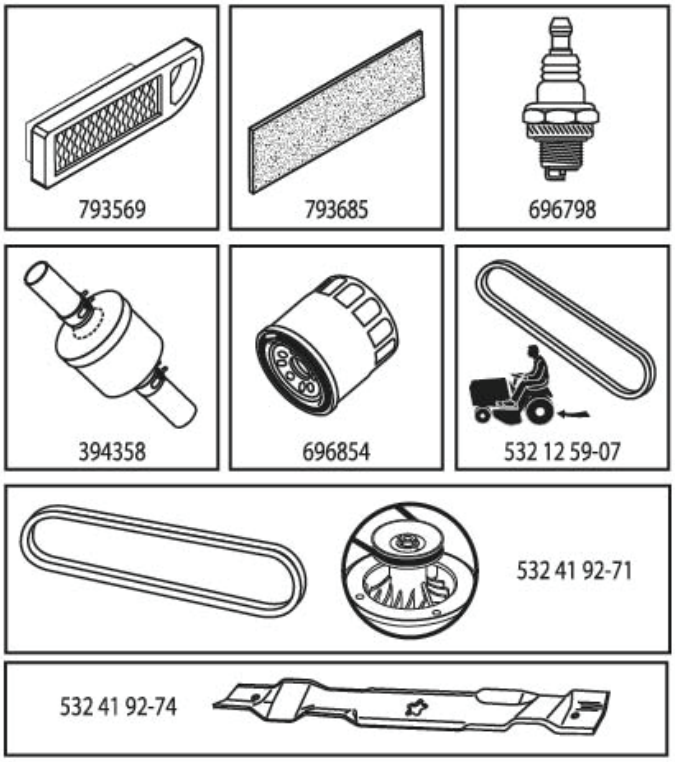
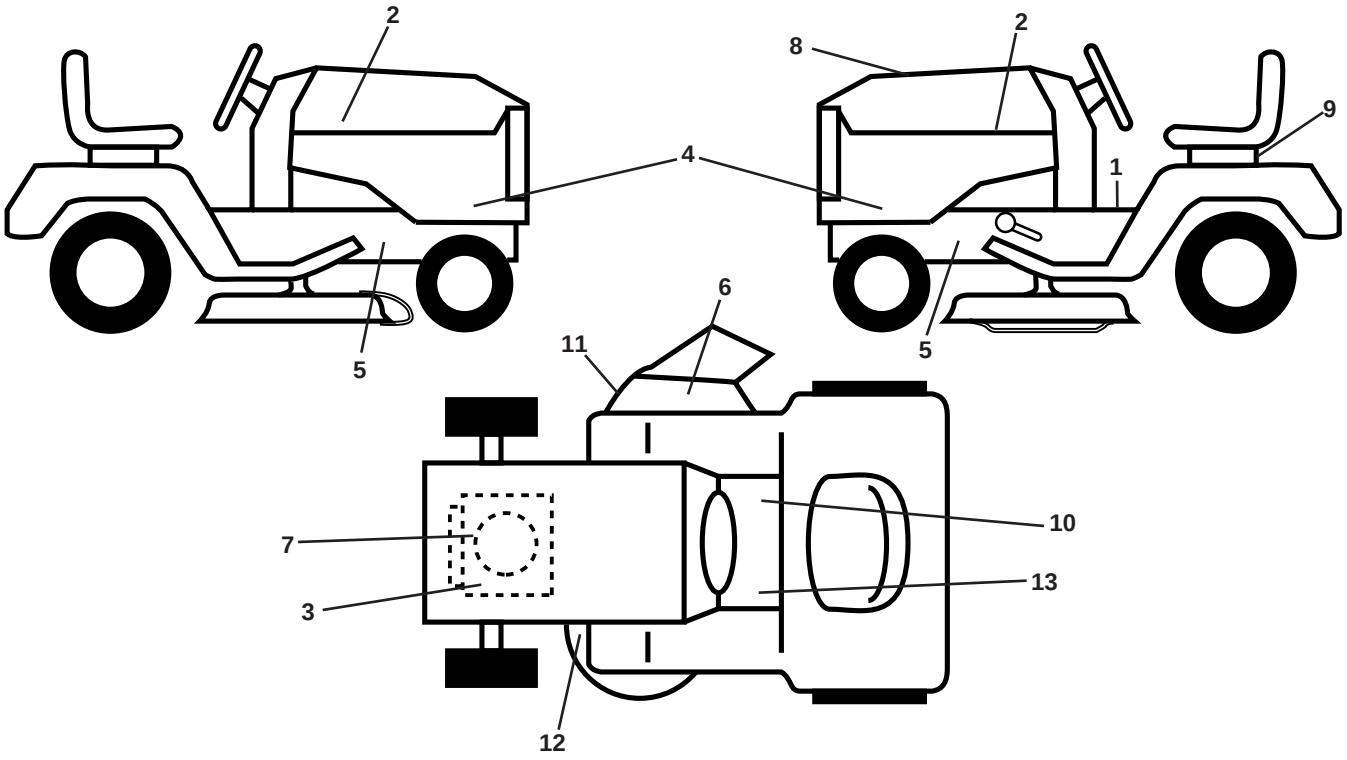
ILLUSTRATED PARTS LIST

MODEL NO. 96051011901
CUSTOMER CATALOG NO. CTH19530
PRODUCT NO. 960 51 01-19



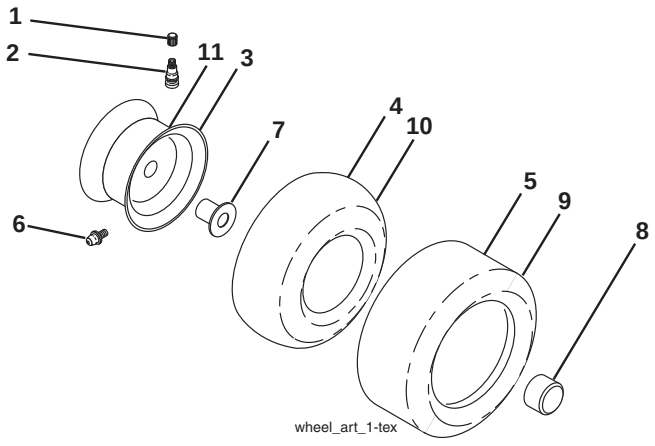
TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

DECALS 27



KEY NO.	PART NO.	DESCRIPTION
1	581 57 81-01	Decal, Operators
2	581 62 73-01	Decal, Hood Logo
3	581 57 97-01	Decal, Warning Eng.
4	532 44 87-03	Decal, Hood Panel
5	581 57 96-01	Decal, Chassis Hot Muffler
6	584 90 46-01	Decal, Deflect. Warning
7	587 21 08-01	Decal, Engine HP
8	580 34 10-01	Decal, Replacement
9	532 14 50-05	Decal, Battery Dnge/Poi
10	581 57 80-01	Decal, Saddle Brake Parking
11	581 57 94-01	Decal, Warning DFlect/Ctfingr
12	581 58 00-04	Decal, Mower V-Belt Schematic
13	581 72 40-01	Decal, Brake/Clutch Symbol
- -	581 72 48-01	Decal, Bypass
- -	532 44 14-09	Pad, Footrest, LH
- -	532 44 14-10	Pad, Footrest, RH
- -	587 22 28-28	Manual Operator's English

WHEELS AND TIRES



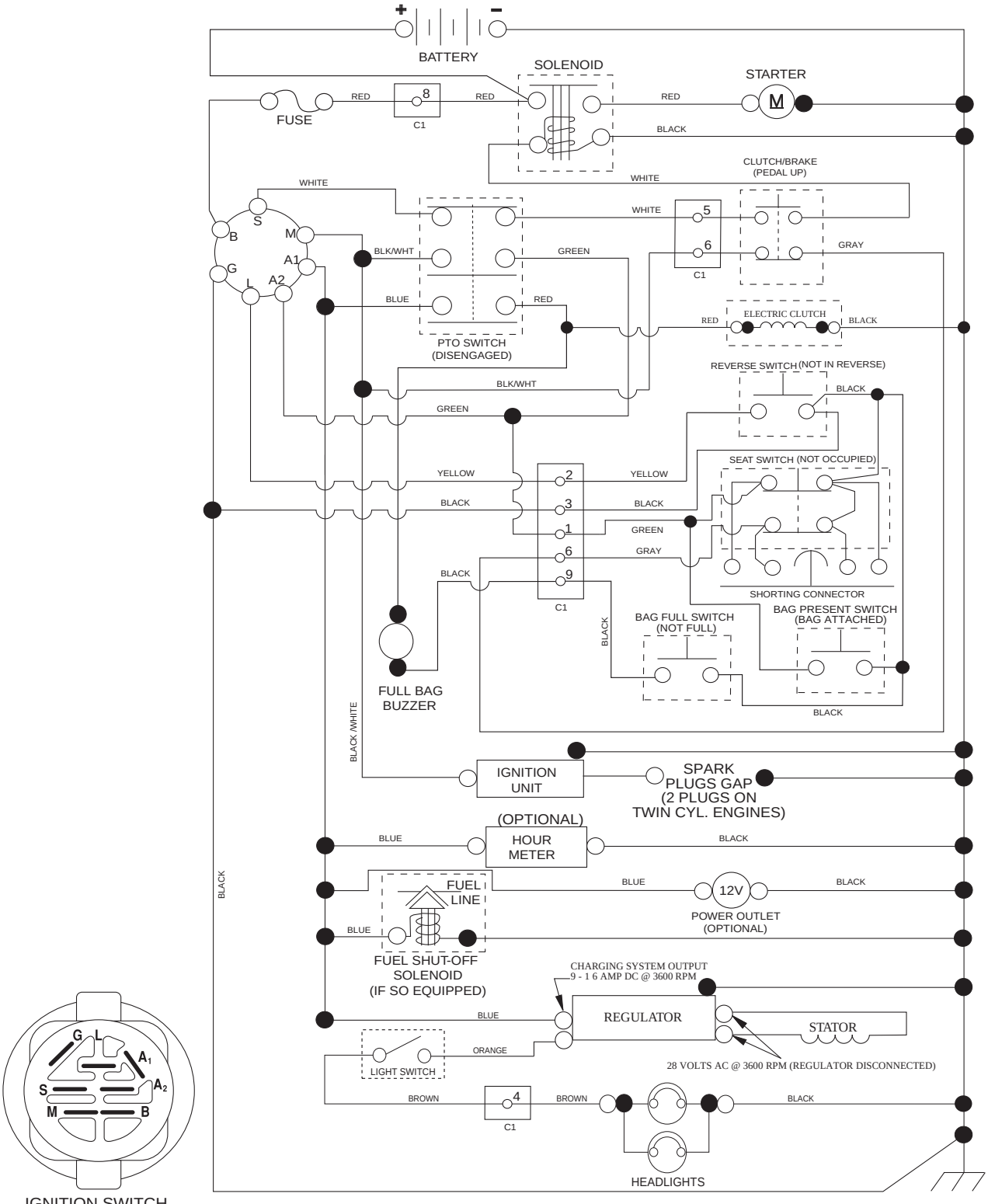
KEY NO.	PART NO.	DESCRIPTION
1	532 05 91-92	Cap Valve Tire
2	532 06 51-39	Stem Valve
3	532 42 52-61	Rim Asm 6 x 3.25 Front
4	532 42 16-52	TubeFront13x5-6(ServiceItemOnly)
5	532 12 34-10	Tire Front 13 x 5-6
6	532 12 49-57	Fitting Grease (Front Wheel Only)
7	532 12 49-59	Bearing Flange (Front Wheel Only)
8	532 17 50-39	Cap Axle Blk 1 50 x 1 00
9	532 10 62-30	Tire Rear 16 x 6.5-8
10	532 00 71-54	Tube Rear (Service Item Only)
11	532 42 52-62	Rim Asm 8 x 5.375 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. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

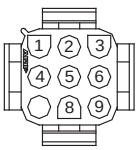
SCHEMATIC 38

SCH19

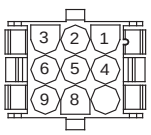


IGNITION SWITCH

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



CHASSIS HARNESS
CONNECTOR (C1)
(MATING SIDE)



DASH HARNESS
CONNECTOR (C1)
(MATING SIDE)

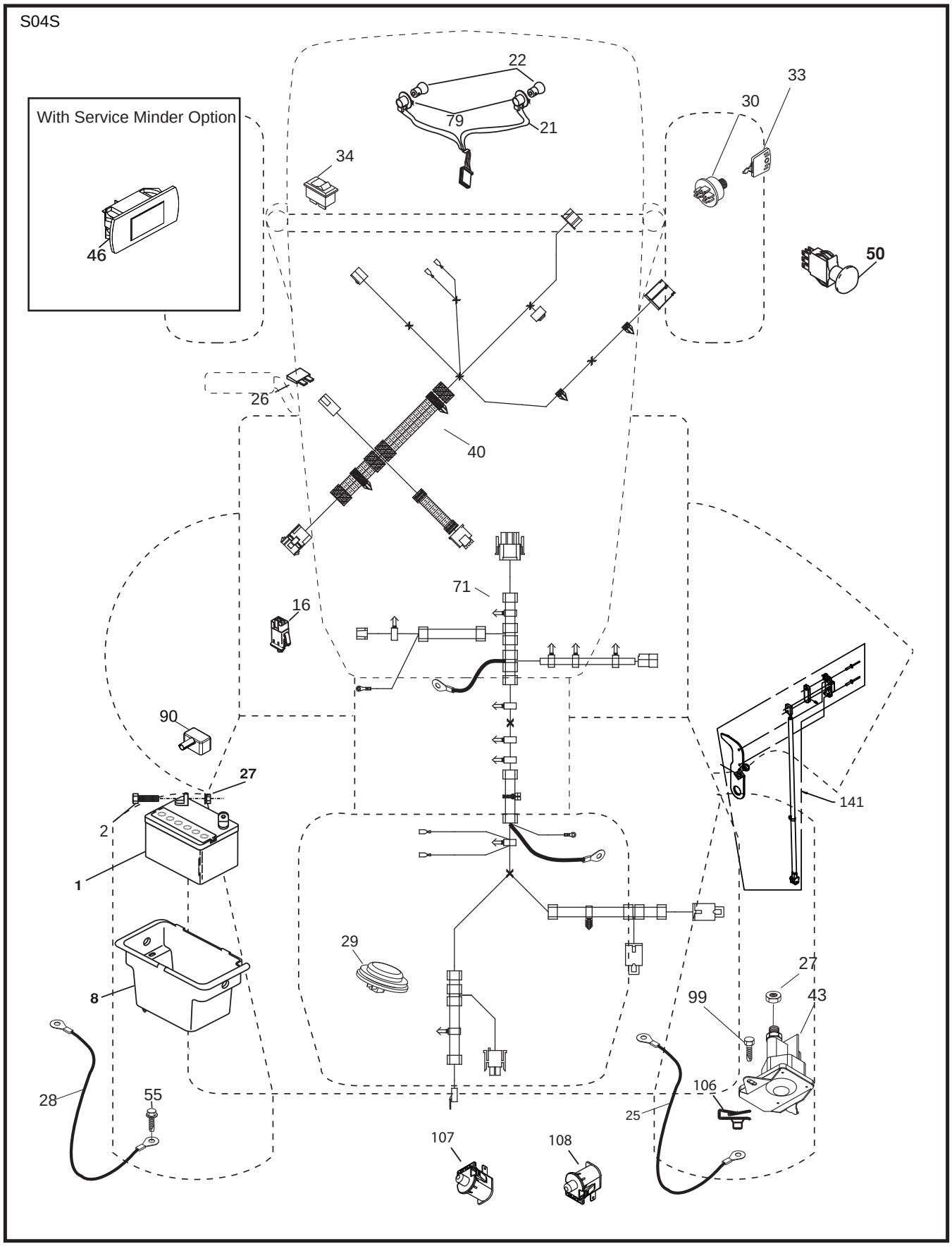
WIRING INSULATED CLIPS
NOTE: IF WIRING INSULATED CLIPS WERE REMOVED FOR SERVICING OF UNIT, THEY SHOULD BE RE-INSTALLED TO PROPERLY SECURE YOUR WIRING.

NON-REMOVABLE CONNECTIONS

REMOVABLE CONNECTIONS

TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

ELECTRICAL 32

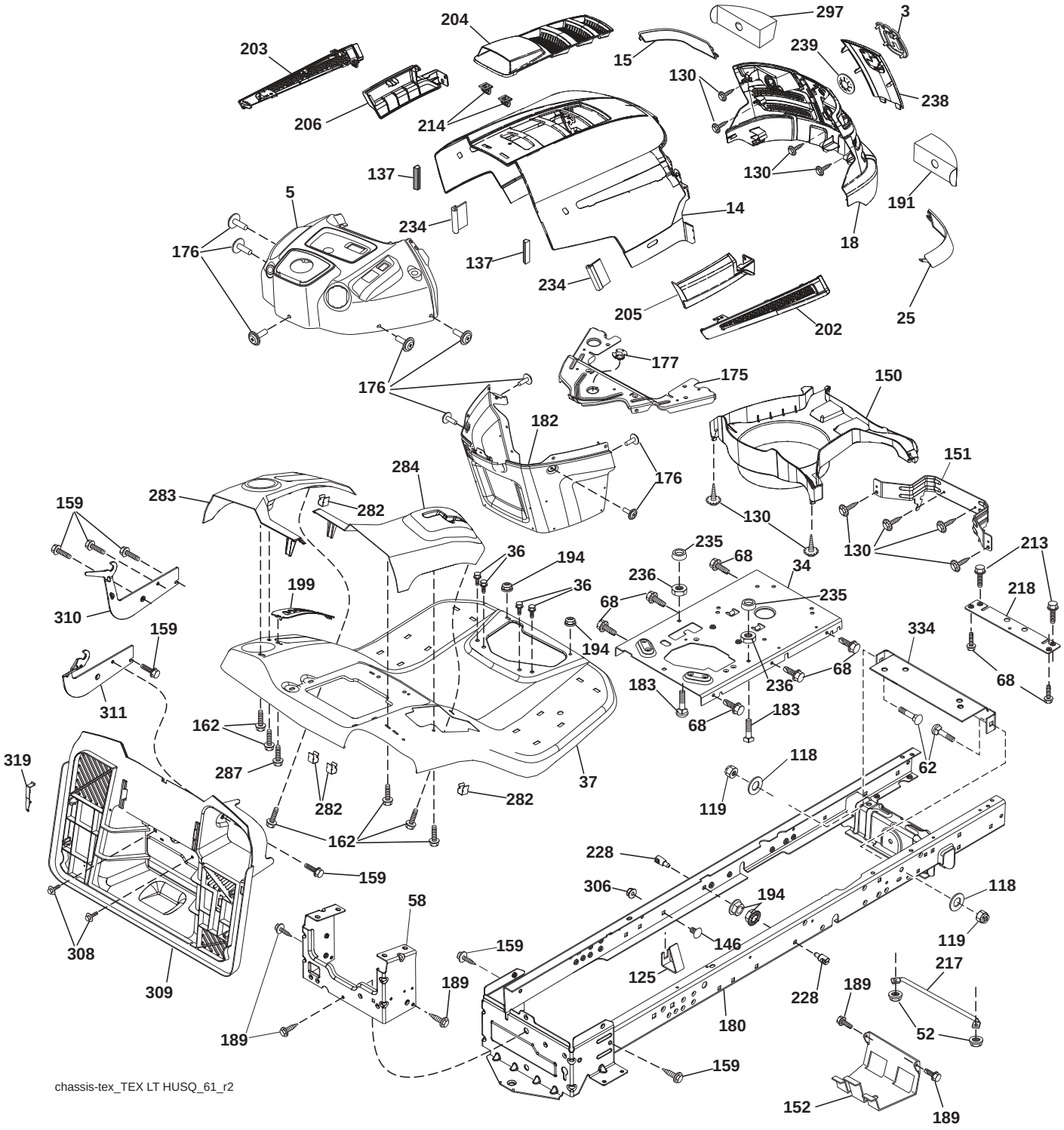


KEY NO.	PART NO.	DESCRIPTION
1	532 16 34-65	Battery
2	874 76 04-12	Bolt Hex Head 1/4-20 x 3/4
8	532 41 97-91	Box Battery
16	532 17 61-38	Switch Interlock Push-In
21	532 40 02-52	Harness Socket Light w/4152J
22	532 00 41-52	Bulb Light
25	532 41 66-94	Cable Starter
26	532 17 51-58	Fuse
27	873 51 04-00	Nut Keps Hex 1/4-20 unc
28	532 42 16-86	Cable, Ground
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	532 42 95-33	Harness Ign. Dash
43	532 19 25-07	Solenoid
46	586 16 18-01	Gauge Service Minder
50	532 17 46-51	Switch PTO
55	817 06 05-12	Screw Thdrol 5/16-18 x 3/4 TYTT
71	532 42 94-12	Harness Ign. Chassis
79	532 17 52-42	Socket Asm. Bulb
90	532 43 53-95	Cover Terminal
99	817 67 04-12	Screw 1/4-20 x 3/4
106	532 17 48-14	Nut Speed 1/4-20
107	532 42 10-61	Switch Snapmount No #2
108	532 42 10-62	Switch Snapmount NC
141	532 41 69-77	Kit T2 ROS

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

TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

CHASSIS AND ENCLOSURES 39



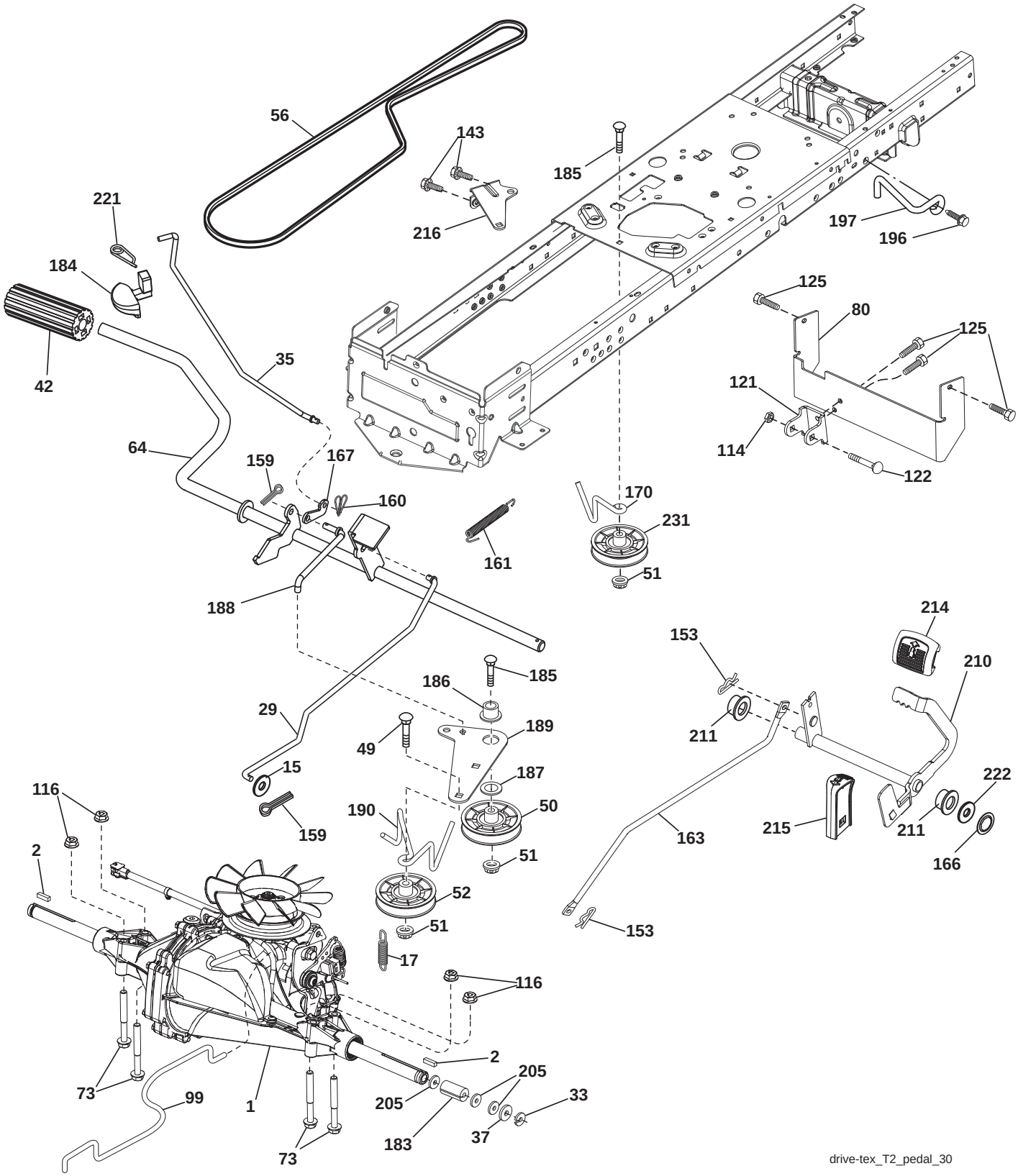
TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19
CHASSIS AND ENCLOSURES 39

KEY NO.	PART NO.	DESCRIPTION
3	581 05 63-01	Logo
5	532 43 89-66	Dash
14	532 44 12-67	Hood
15	532 44 14-28	Lens LH
18	532 44 13-68	Grille
25	532 44 14-27	Lens RH
34	580 91 09-01	Plate Engine
36	817 06 05-12	Screw 5/16-18 x 3/4
37	532 44 14-19	Fender
52	873 68 05-00	Nut Crown Lock 5/16
58	532 41 22-80	Drawbar Upper
62	872 11 06-08	Bolt
68	817 49 05-08	Screw Thdrol. 5/16-18 x 1/2
125	581 68 48-01	Clip Fuel Line
118	819 13 13-16	Washer 13/32 x 13/16 x 1
119	873 68 06-00	Nut Crownlock
130	532 41 63-58	Screw #10 x 0.750 BOS Thread
137	532 40 75-90	Bumper Dash
146	581 85 79-01	Bolt
150	532 40 66-62	Air Duct
151	532 40 78-07	Bracket Pivot
152	532 19 95-35	Shield Browning
159	817 00 06-12	Screw Kexwsh Thdr 3/8-16 x 3/4
162	532 14 24-32	Screw Hex Wsh. Hi-Lo 1/4 x 1/2 unc
175	532 19 94-72	Crossmember
176	532 40 07-76	Screw 10-24 x 5/8
177	532 19 52-28	Bushing Steering
180	532 41 46-85	Chassis
182	532 40 71-76	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
191	532 41 65-01	Insert Reflective RH
194	873 90 05-00	Nut Lock Hex Flange 5/16-18
199	532 41 87-39	Plate Deck Lift
202	532 44 13-42	Vent Side Hood RH
203	532 44 13-43	Vent Side Hood LH
204	532 44 13-75	Vent Top Hood
205	532 44 13-44	Skirt Side RH
206	532 44 13-45	Skirt Side LH
213	874 76 05-12	Bolt 5/16-18 x 3/4
214	532 19 91-45	Clip Retainer
217	532 40 91-67	Rod Pivot Hood
218	532 19 63-95	X-Piece Hood Stop
228	532 19 51-61	Stud Fastener
234	532 40 47-42	Bumper Hood
235	532 40 61-29	Spacer Fender
236	873 93 05-00	Nut Lock 5/16-18 unc
238	532 44 13-74	Trim
239	532 40 48-83	Clip Tinnerman
282	532 41 41-10	Clip Retainer
283	532 44 05-31	Console Deck Lift
284	532 44 05-30	Console Shift
287	817 60 04-06	Screw Hex Washead 1/4-20 x 3/8
297	532 40 66-65	Insert Reflective LH
306	873 90 06-00	Nut Lock
308	532 17 18-77	Bolt 5/16-18 unc x 3/4
309	532 43 02-46	Backplate Bagger SRD
310	532 44 66-36	Bracket Hangar Bag LH
311	532 44 66-37	Bracket Hangar Bag RH
319	532 17 46-62	Bracket Actuator Bagger
334	532 44 25-37	Bracket Engine

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

TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

DRIVE 40



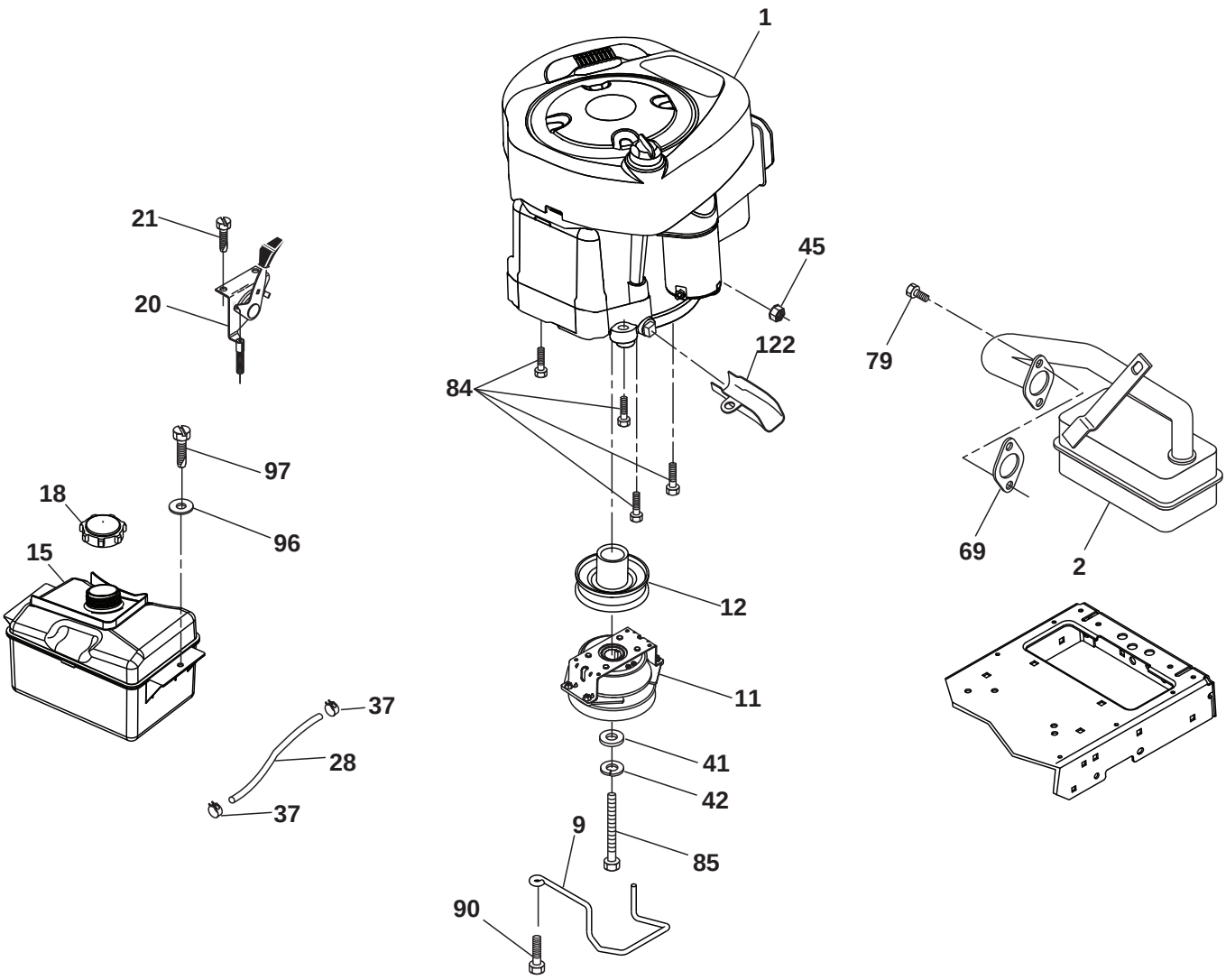
TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19
DRIVE 40

KEY NO.	PART NO.	DESCRIPTION
1	– – – – – –	Transaxle, Hydro Gear T2-BABC-1X2B-1GX1 (421645) (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 19 72-96	Spring, Brake
29	532 42 32-39	Rod, Brake
33	812 00 00-01	Ring E
35	532 40 10-31	Rod, Brake, Park
37	532 12 17-49	Washer 25/32 x 1-1/4 x 16 Ga.
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 12 59-07	V-Belt, Drive
64	532 19 78-65	Shaft Asm. Pedal Brake Control
73	874 49 05-44	Bolt Hex 5/16-18 Gr. 5
80	581 55 07-01	Strap Torque
99	532 40 84-18	Rod Spring Bypass
114	873 80 05-00	Nut Lock 5/16-18 unc
116	873 90 05-00	Nut Lock Hex Flange 5/16-18
121	532 17 56-11	Bracket Strap Torque
122	872 01 05-20	Bolt 5/16-18 x 2.50
125	817 00 05-12	Screw 5/16-18 x 3/4
143	817 49 05-08	Screw THDROL 5/16-18 x 1/2
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
163	532 41 33-22	Rod Control
166	532 42 91-64	Nut Push .625
167	532 40 52-57	Latch Brake Parking
170	532 41 34-30	Keeper Belt Centerspan
183	532 15 69-72	Spacer Axle
184	532 41 14-84	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
196	817 00 06-16	Screw 3/8-16 x 1
197	585 65 86-01	Link Clutch Anti-Rotation
205	532 12 17-48	Washer 25/32 x 1-5/8 x 16 Ga.
210	532 40 09-80	Rocker Asm. Pedal Control
211	532 12 01-83	Bearing Nylon
214	532 42 12-63	Pedal Pad Forward
215	532 41 94-82	Pedal Reverse
216	532 19 61-31	Bracket Pulley Idler
221	532 40 31-87	Retainer Spring Clip Handle
222	879 21 20-10	Washer 21/32 x 1-1/4 10 Ga.
231	532 40 72-87	Idler V-Groove 1.688" Offset

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

TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

ENGINE 24



OPTIONAL EQUIPMENT

Spark Arrester

engine-tex_BS_99

KEY NO.	PART NO.	DESCRIPTION
1	– – – – – –	Engine BS Model No. 31S977-0010-G1 (587195601) (Order parts from engine manufacturer.)
2	532 13 73-52	Muffler
9	584 91 16-01	Keeper Belt Engine
11	587 24 15-01	Clutch Electric
12	532 40 29-80	Pulley Engine
15	581 28 99-01	Tank Fuel 1.5
18	532 43 02-20	Cap Asm
20	532 18 38-97	Control Throttle
21	532 41 63-58	Screw #10 x 0.750 BOS Thread
28	532 13 70-40	Fuel Line
29	532 13 71-80	Spark Arrester Kit
37	532 12 34-87	Clamp Hose
41	532 12 61-97	Washer 1-1/2 x 15-32 x .250
42	810 04 07-00	Washer Lock Hvy HLCL SPR 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 Socket HD 5/16 - 18 x 75
84	817 06 06-20	Screw 3/8-16 x 1-1/4
85	581 33 28-04	Bolt 7/16-20 x 3.5 Gr. 5
90	817 00 06-16	Screw 3/8-16 x 1
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
122	532 42 19-22	Extension Drain Oil

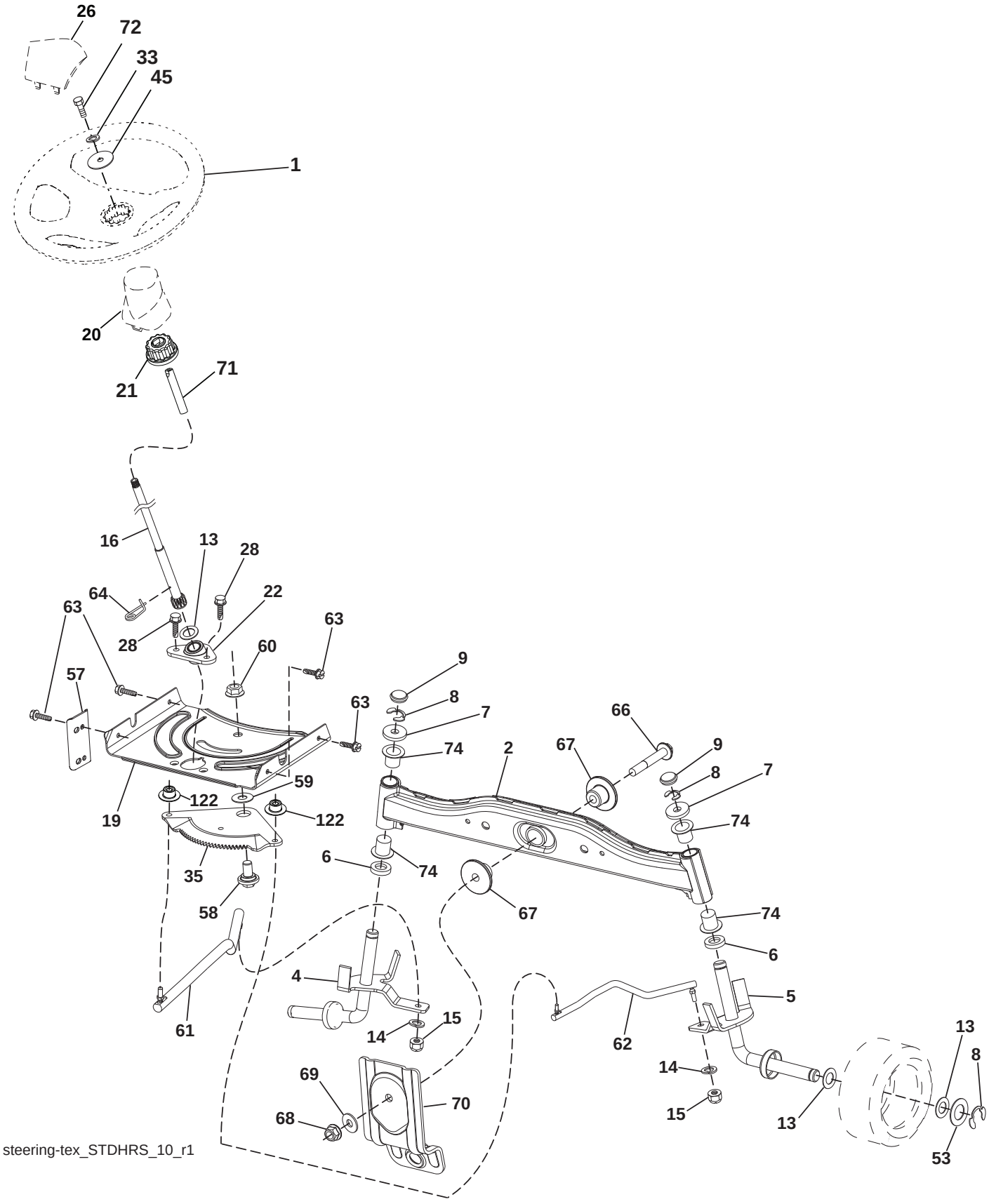
NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

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. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

STEERING ASSEMBLY 41



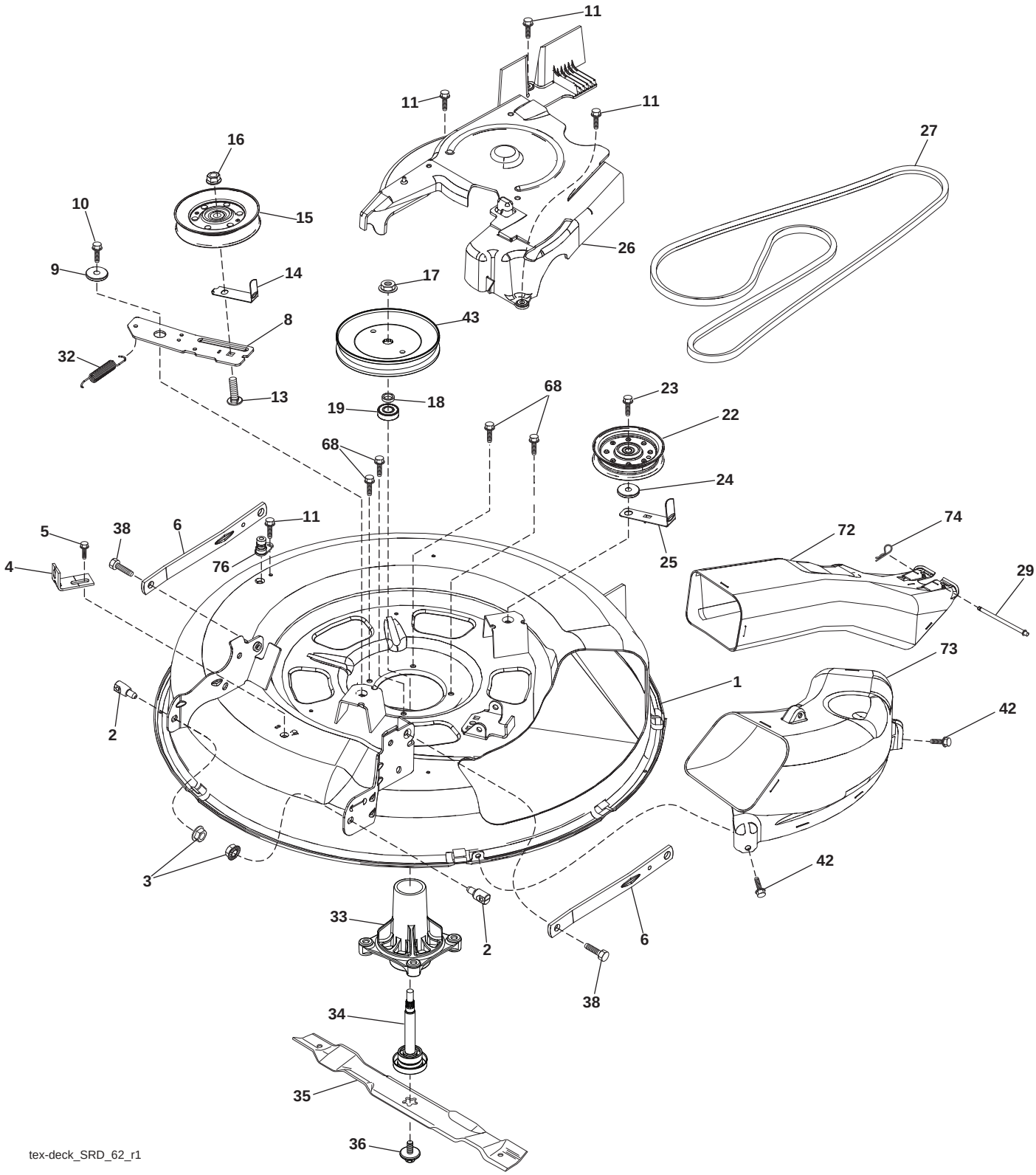
STEERING ASSEMBLY 41

KEY NO.	PART NO.	DESCRIPTION
1	532 43 97-40	Wheel, Steering Husq SR
2	532 41 81-68	Axle Asm., Front
4	532 41 68-45	Spindle Asm., LH
5	532 41 68-46	Spindle Asm., RH
6	532 12 49-31	Bearing, Race Thrust Hardened
7	532 12 17-48	Washer 25/32 x 1-5/8 x 16 Ga.
8	812 00 00-29	Ring, Klip #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 Hvy Hlcl Spr 3/8
15	873 54 06-00	Nut, Crown Lock 3/8-24 unf
16	532 42 93-73	Shaft Steering
19	532 19 47-29	Plate Steering
20	532 44 14-25	Boot, Steering
21	532 18 67-37	Adapter, Wheel Steering
22	532 42 05-37	Steering Support Lower
26	532 43 97-43	Insert, Wheel Steering Husq SR
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 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 41 70-65	Bracket Deck Susp. Front
71	532 19 07-52	Shaft Extension Steering
72	532 42 89-82	Bolt Fin Hex 5/16-18 x 4 w/Patch
74	532 12 49-37	Bearing
122	532 44 49-62	Cap Gear Sector

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

TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

MOWER DECK 44

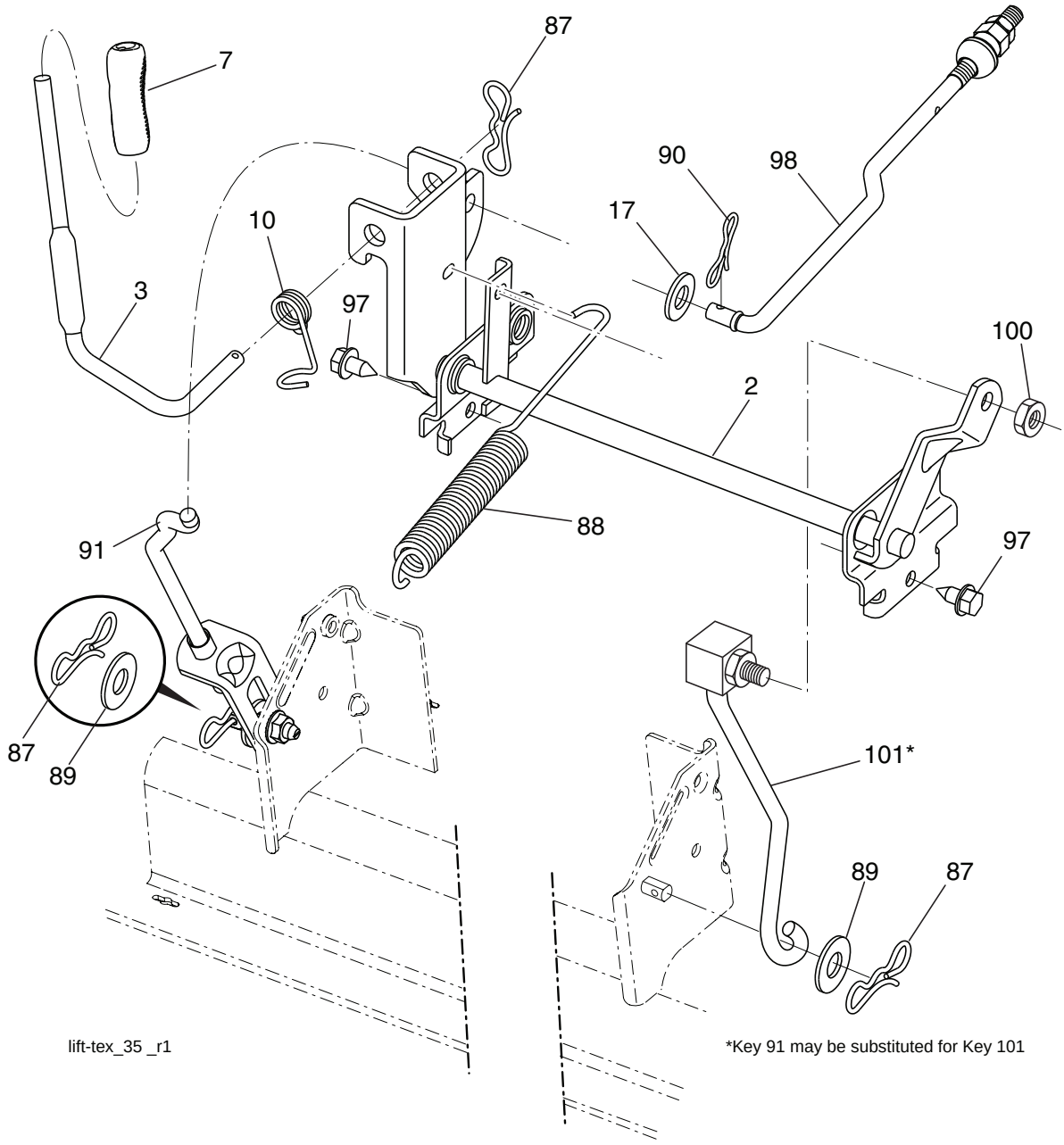


KEY NO.	PART NO.	DESCRIPTION
1	532 44 20-48	Deck Weldment 30"Srd
2	532 19 51-61	Stud Fastner W/'D'anti-Rotation
3	873 90 05-00	Nut Lock Hex Flange 5/16 - 18
4	532 41 76-45	Bracket Clutch Cable
5	817 00 05-10	Bolt 5/16-18
6	532 41 88-63	Arm Susp Mower Rear Srd
8	532 42 02-52	Arm Idler 30"Srd
9	532 19 90-92	Spacer Retainer
10	817 00 06-16	Screw 3/8 - 16 X 1 Smgml Tap/R Blk
11	532 13 77-29	Screw Thd Roll 1/4 - 20 X 5/8
13	872 11 06-12	Bolt Carr Sh 3/8 - 16 X 1 - 1/2 Gr. 5
14	532 15 60-85	Keeper Belt Idler
15	532 14 67-63	Pulley Idler V-Groove Dim 4.25
16	873 90 06-00	Nut Lock FlG 3/8 - 16 unc
17	532 40 02-34	Nut Flange Lock Top
18	532 18 76-90	Washer Spacer Mandrel
19	532 11 04-85	Bearing Ball Mandrel
22	532 17 58-20	Pulley Idler Flat
23	817 49 06-28	Screw Thdrol 3/8 - 16 X 1-3/4
24	819 13 20-12	Washer 13/32 X 1 - 1/4 X 12 Ga
25	532 42 02-53	Keeper Belt 30"Srd
26	532 42 02-55	Cover Mandrel Mwr 30"Black
27	532 41 92-71	V-Belt Drive
29	532 42 08-95	Hinge Pin
32	532 19 72-51	Spring Mower Drive
33	532 18 72-81	Housing Mandrel 4pt Service
34	532 19 28-72	Shaft Asm Mndrl N/Greaseable 38
35	532 41 92-74	Blade
36	532 19 30-03	Bolt/Washer Asm 7/16 - 20 unf
38	532 19 65-39	Bolt Shoulder
42	817 00 06-12	Screw Hexwsh THDR 3/8-16 x 3/4 BL
43	532 41 68-77	Pulley Mandrel 6 5 Pd 30"
68	584 95 39-01	Bolt Hex Wsh Hd .313-18 x 1.19
72	532 41 72-36	Chute Upper SRD 30R
73	532 42 52-74	Chute Lower SRD 30R
74	532 12 46-70	Retainer Spring
76	532 41 55-98	Washout Port
- -	532 19 28-70	Mandrel Assembly (Includes Housing (key #33), ShaftAssembly(key #34), And Bearing Only (key #19) - Pulley/ Nut/Washer And Blade Bolt/ Washers Not Included)
- -	532 44 42-69	Replacement Mower Complete

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

TRACTOR - - MODEL NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

MOWER LIFT 45



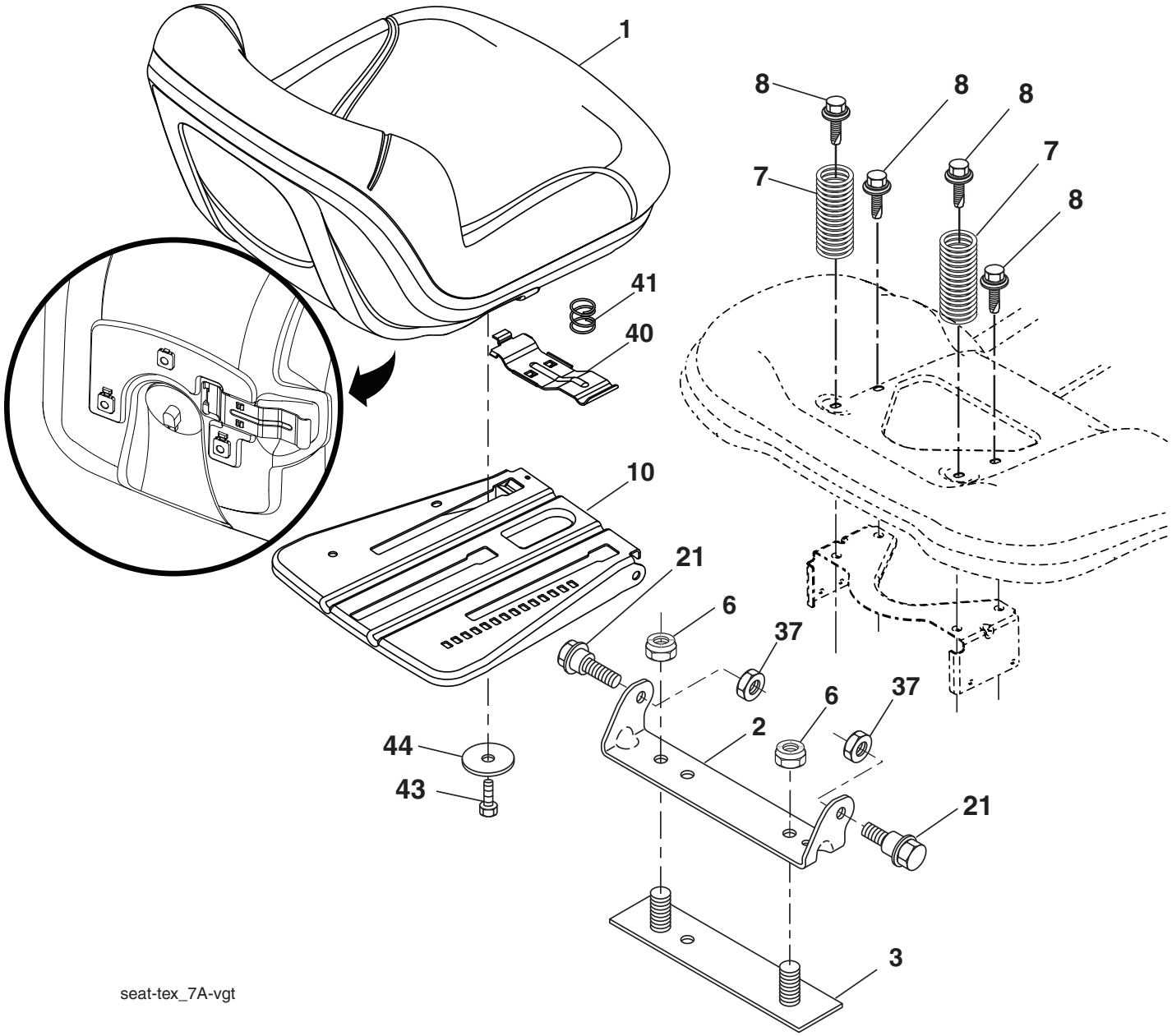
KEY NO.	PART NO.	DESCRIPTION
2	532 42 20-27	Shaft Asm., Lift
3	532 19 52-31	Lever Asm., Lift RH
7	580 96 23-01	Grip, Lever
10	532 19 63-14	Spring Torsion
17	819 13 13-12	Washer 13/32 x 13/16 x 12 Ga.
87	532 19 42-09	Pin Cotter 7/16 Bow Tie Lock
88	532 41 07-10	Spring Lift Assist
89	819 19 19-12	Washer Clear

KEY NO.	PART NO.	DESCRIPTION
90	532 19 42-08	Pin Cotter 5/16 Bow Tie Lock
91	532 19 51-81	Link Lift Susp Mower Rear
97	817 00 06-12	Screw 3/8-16 x 3/4
98	532 19 52-64	Link Lift Susp. Front Mower
100	873 93 06-00	Nut Centerlock 3/8-16
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 NO. CTH19530 (96051011901), PRODUCT NO. 960 51 01-19

SEAT ASSEMBLY 42



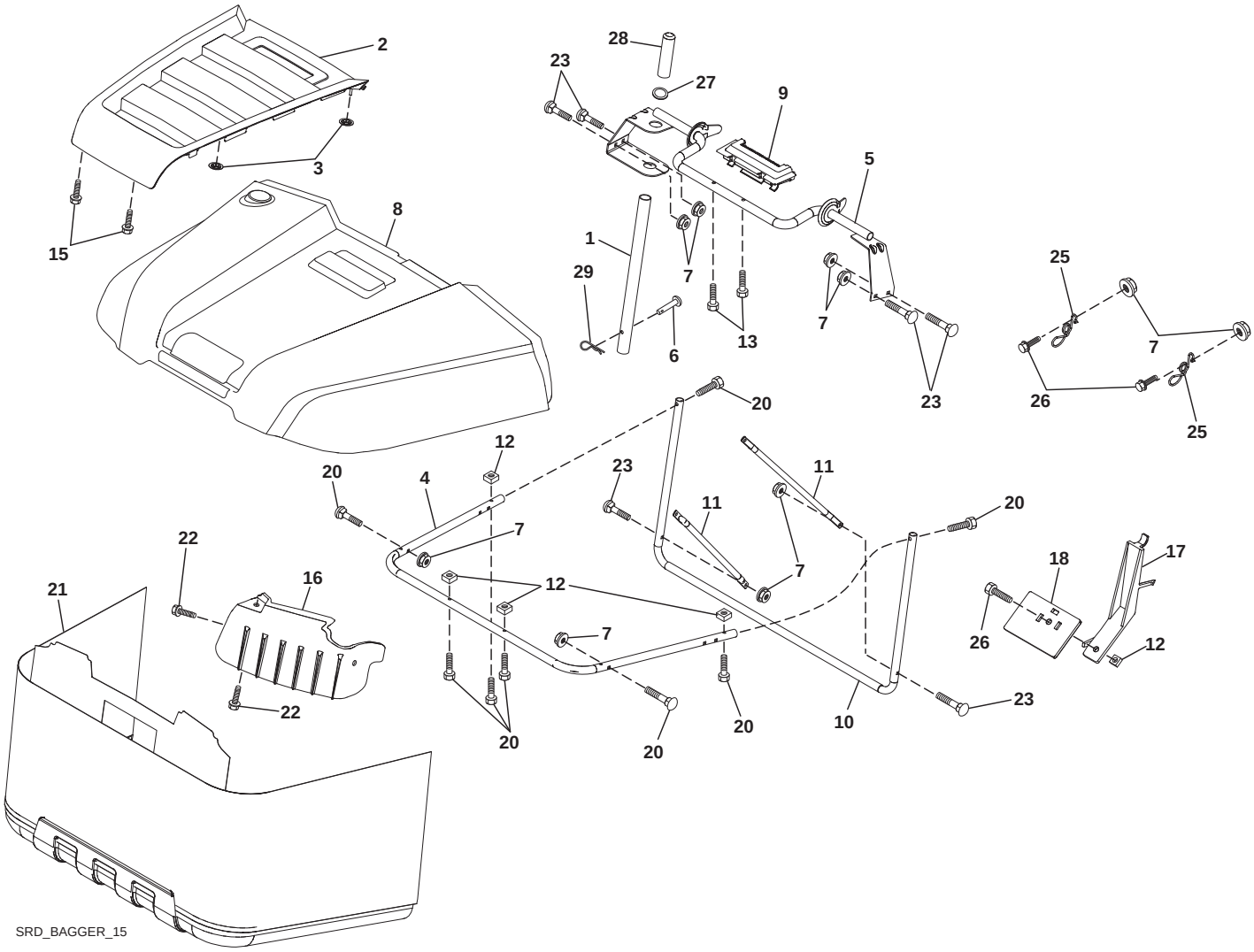
KEY NO.	PART NO.	DESCRIPTION
1	532 43 98-22	Seat
2	532 18 01-66	Bracket Pivot Fender
3	532 14 06-75	Strap, Asm Fender
6	873 80 06-00	Nut, Lock w/Ins. 3/8-16 unc
7	532 12 41-81	Spring, Seat Cprsn
8	532 17 18-77	Bolt 5/16-18 unc x 3/4 w/Sems
10	532 19 69-77	Pan, Seat
21	532 17 18-52	Bolt, Shoulder 5/16-18

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 3/8-16 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

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BAGGER 46



KEY NO.	PART NO.	DESCRIPTION
1	532 42 86-10	Tube Handle Bagger SRD
2	532 44 13-58	Applique
3	532 41 38-08	Nut Push
4	532 43 96-12	Frame Asm Bagger Top
5	532 41 76-32	Frame Asm Top Bagger SRD
6	532 12 68-75	Drilled Rivit
7	873 90 04-00	Nut Hex Flange 1/4-20 unc
8	532 44 12-61	Bagger Top
9	532 41 76-29	Insert Handle Bagger
10	532 41 71-90	Frame Front
11	532 41 71-88	Tubing Brace Bagger
12	532 42 17-93	Nut Square 1/4
13	532 42 17-80	Screw 1/4 x 1.150 HXWSH
15	532 42 18-01	Screw #8 Flathead
16	532 42 15-66	Deflector Bagger
17	532 42 17-49	Lever Bagger Full
18	532 42 17-50	Paddle Bagger Full
20	585 36 88-01	Screw Hex Cap 1/4-20 x 1.375
21	532 42 99-81	Bag Asm SRD
22	532 14 24-32	Screw Hex WSH Hi-Lo 1/4 - 1/2 unc
23	872 04 04-10	Bolt Carr 1/4-20 unc x 1-1/4
25	532 42 16-14	Spring Latch Bagger
26	817 49 04-12	Screw Hex Thdrol 1/4-20 x 3/4
27	532 42 12-62	Grommet, Rubber SRD
28	532 16 57-87	Grip Handle Black
29	532 19 42-08	Pin Cotter 5/16 Bow Tie Lock

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