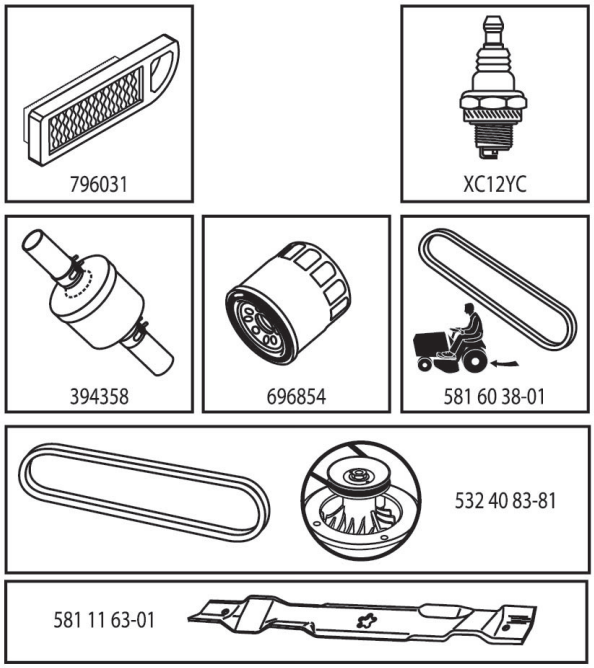
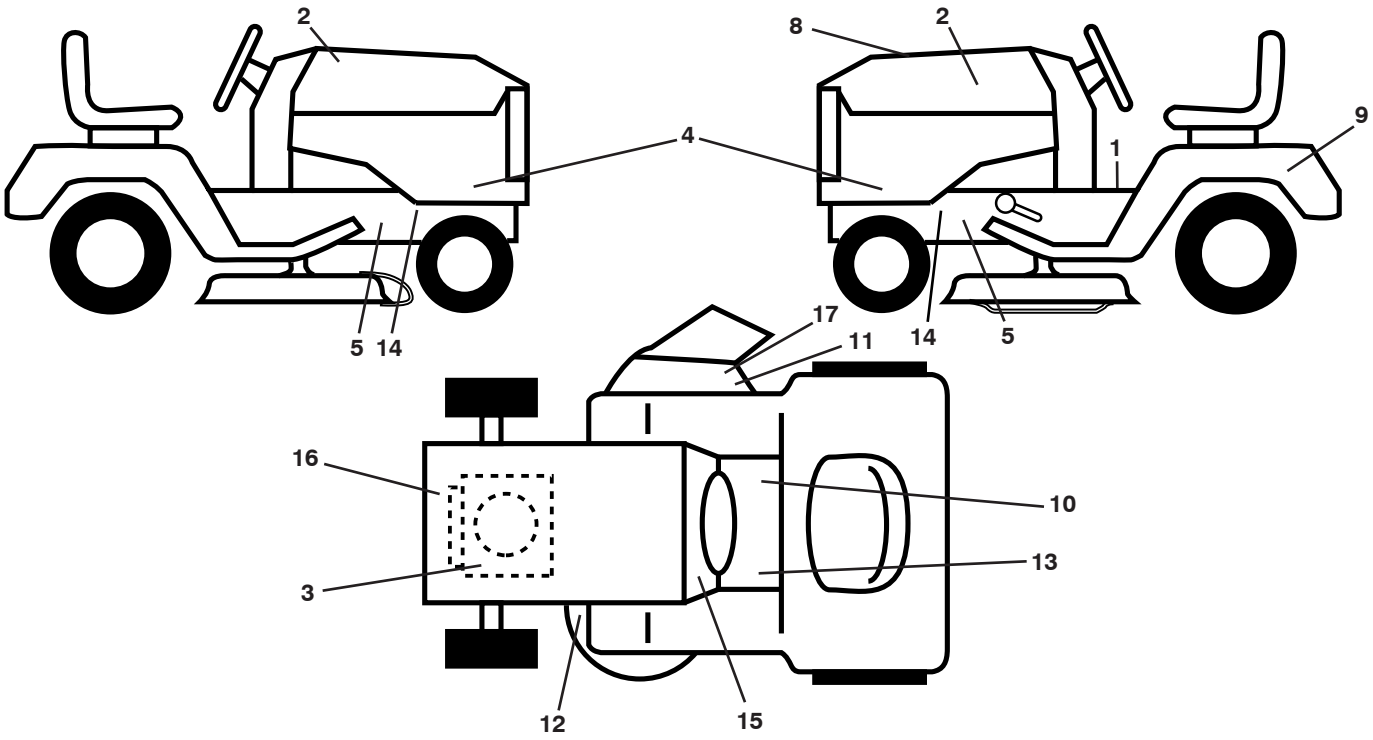
ILLUSTRATED PARTS LIST

MODEL NO. 96041036700
CUSTOMER CATALOG NO. TS 138
PRODUCT NO. 960 41 03-67



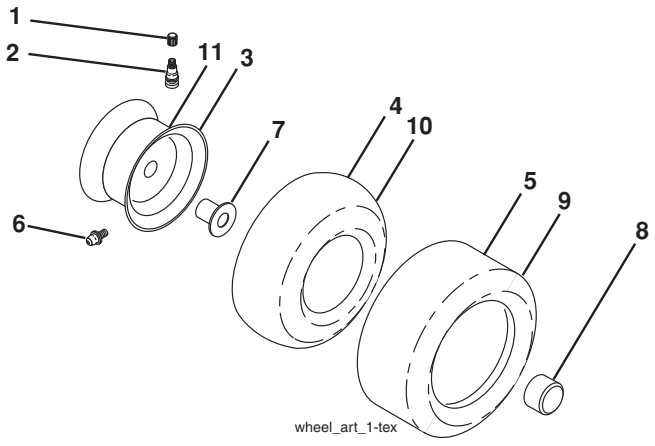
TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67

DECALS 27



KEY NO.	PART NO.	DESCRIPTION
1	581 57 81-01	Decal, Operators
2	581 62 73-01	Hood Emblem
3	581 57 97-01	Decal, Warning Eng. Symbols
4	587 40 73-01	Decal, Hood Panel
5	581 57 96-01	Decal, Chassis Hot Muffler
8	587 39 59-01	Decal, Rpl.
9	532 14 50-05	Decal, Battery Dan./Poi.
10	581 57 80-01	Decal, Saddle Brake Parking
11	581 57 92-01	Decal, Warning
12	581 58 00-03	Decal, Mower V-Belt Schematic
13	581 72 40-01	Decal, Brake/Clutch Symbol
14	581 57 98-01	Decal, Warning-Service/Fire
15	586 06 62-01	Decal, Snowflake
16	587 73 12-01	Decal, Eng. BS
17	584 90 46-01	Decal, Deflect. Warning
- -	581 72 48-01	Decal, Bypass
- -	581 72 46-01	Decal, Drawbar Load Limit
- -	532 43 96-81	Pad, Footrest, LH
- -	532 43 96-82	Pad, Footrest, RH
- -	588 77 98-20	Manual Oper. Euro
- -	588 77 98-10	Manual Oper. Scan
- -	588 77 98-50	Manual Oper. Ebloc
- -	588 77 98-40	Manual Oper. Baltic
- -	589 24 26-79	Manual Oper. Japanese

WHEELS AND TIRES



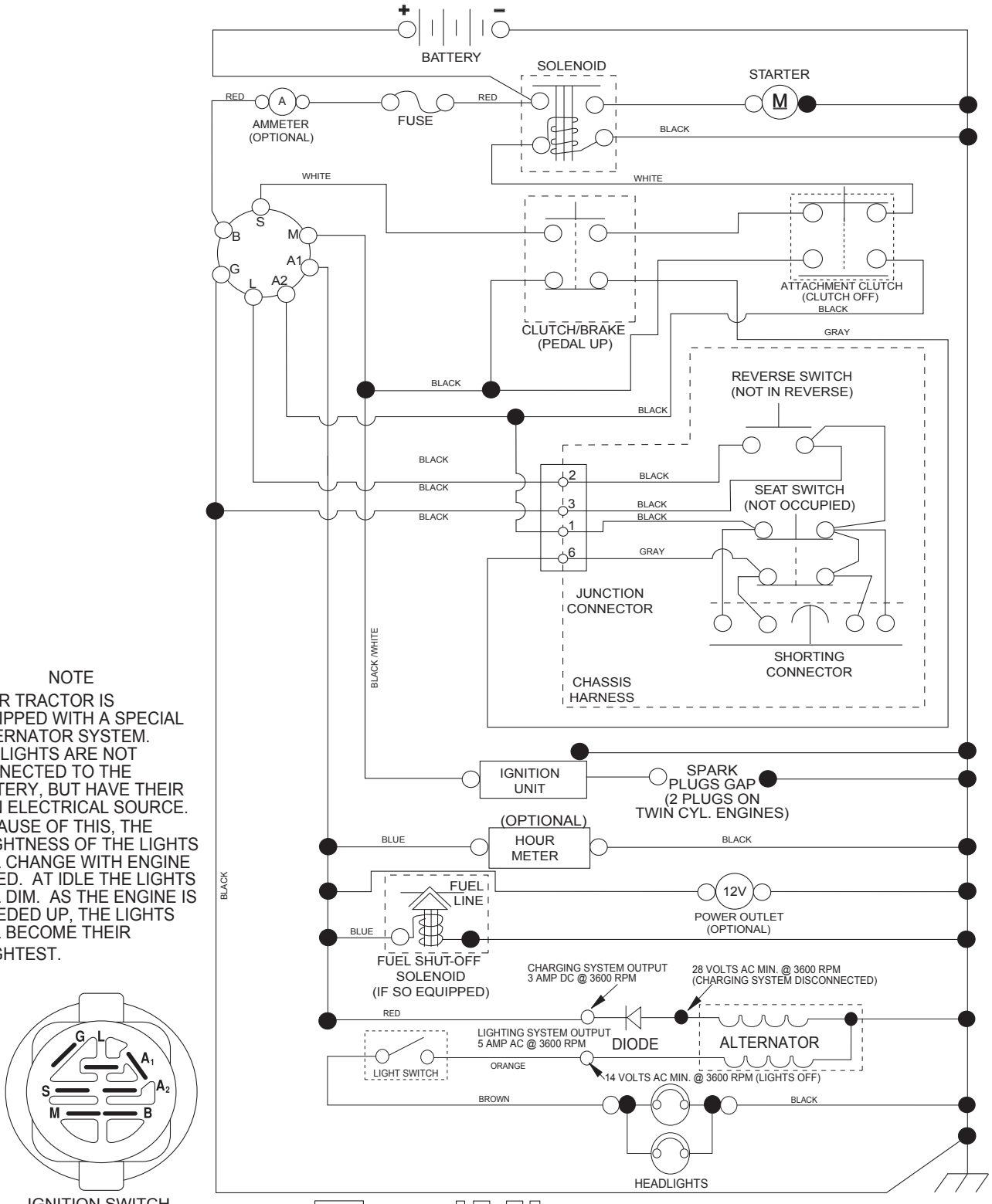
KEY NO.	PART NO.	DESCRIPTION
1	532 05 91-92	Cap Valve Tire
2	532 06 51-39	Stem Valve
3	532 13 83-36	Rim Asm. 6" Front
4	532 05 99-04	Tube Front (Service Item Only)
5	532 10 62-22	Tire Front 15 x 6-6
6	532 12 49-57	Fitting Grease (Front Wheel Only)
7	532 12 49-59	Bearing Flange (Front Wheel Only)
8	532 17 50-39	Cap Axle Blk. 1 50 x 1 00
9	532 12 46-35	Tire Rear 18 x 8.5-8
10	532 12 49-26	Tube Rear (Service Item Only)
11	532 13 83-37	Rim Asm. 8" 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. TS 138 (96041036700), PRODUCT NO. 960 41 03-67

SCHEMATIC 38

SCH11

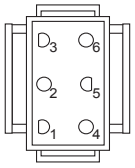


NOTE

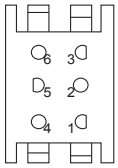
YOUR TRACTOR IS EQUIPPED WITH A SPECIAL ALTERNATOR SYSTEM. THE LIGHTS ARE NOT CONNECTED TO THE BATTERY, BUT HAVE THEIR OWN ELECTRICAL SOURCE. BECAUSE OF THIS, THE BRIGHTNESS OF THE LIGHTS WILL CHANGE WITH ENGINE SPEED. AT IDLE THE LIGHTS WILL DIM. AS THE ENGINE IS SPEEDED UP, THE LIGHTS WILL BECOME THEIR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



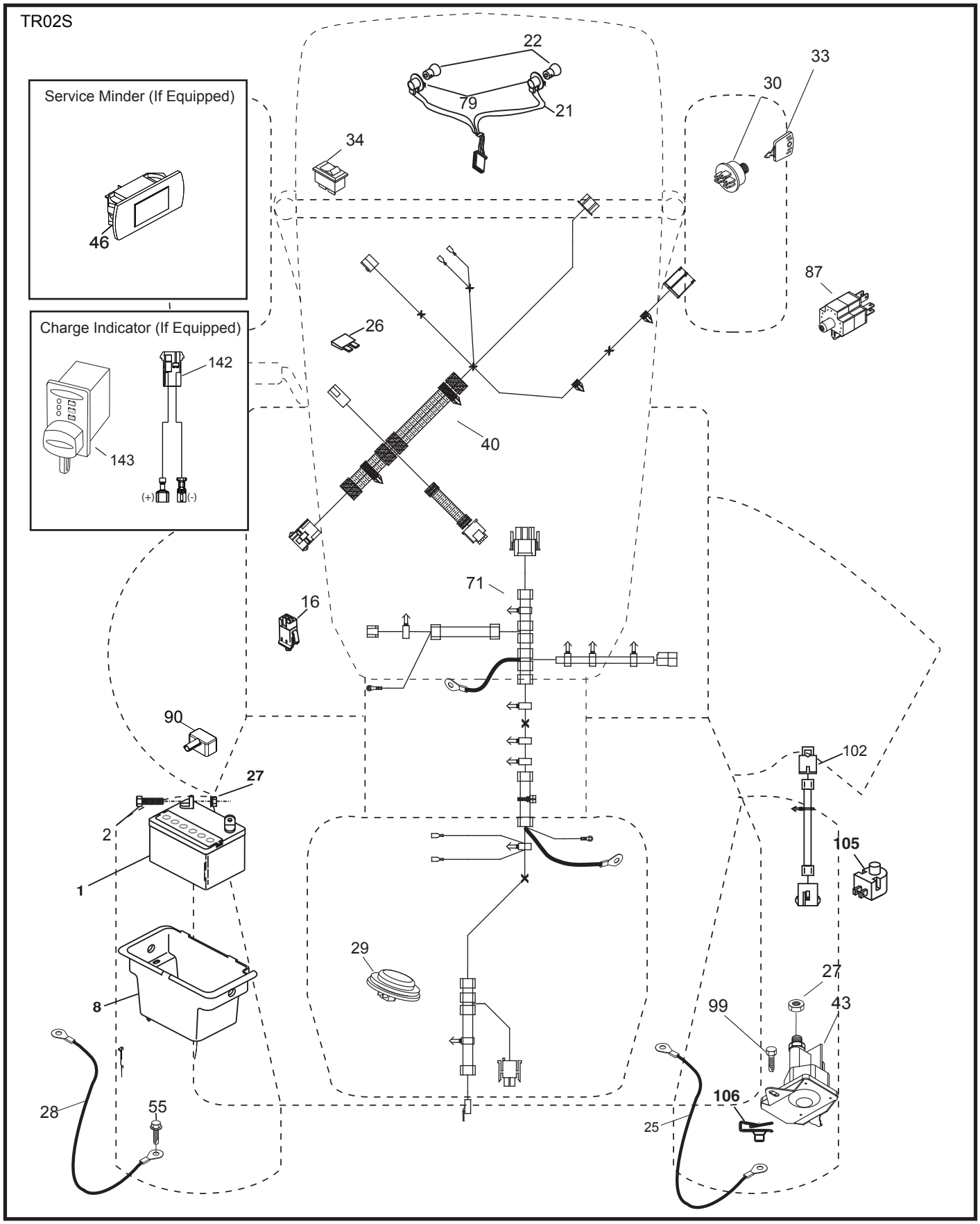
DASH HARNESS CONNECTOR (MATING SIDE)

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

NON-REMOVABLE CONNECTIONS

REMOVABLE CONNECTIONS

TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67
ELECTRICAL 32

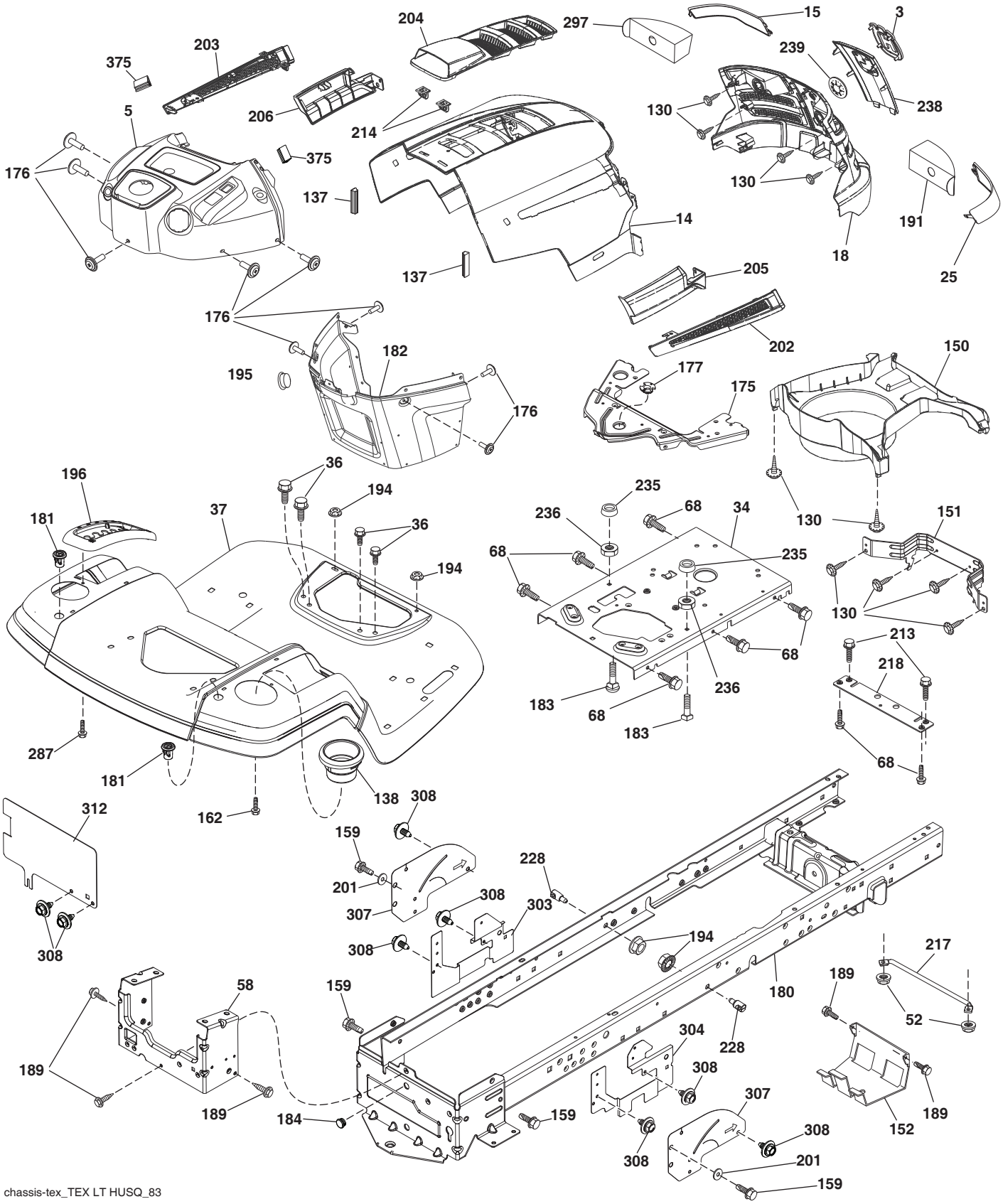


KEY NO.	PART NO.	DESCRIPTION
1	532 16 34-65	Battery
2	874 76 04-12	Bolt Hex Head 1/4-20 x 3/4
8	532 19 32-28	Box Battery
16	532 17 61-38	Switch Interlock Push-In
21	532 40 02-52	Harness Socket Light w/4152J
22	532 00 41-52	Bulb Light
25	581 49 80-01	Cable Starter
26	532 17 51-58	Fuse
27	873 51 04-00	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 19-35	Key/Chain
34	532 11 07-12	Switch Light/Reset
40	585 55 52-01	Harness Ign. Dash
43	532 19 25-07	Solenoid
55	817 06 05-12	Screw Thdrol. 5/16-18 x 3/4 TYTT
71	501 13 37-01	Harness Chassis
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
99	817 67 04-12	Screw 1/4-20 x 3/4
102	581 02 34-01	Harness Pigtail
105	532 40 75-68	Switch Reverse
106	532 17 48-14	Palnut 1/4 Lugs
142	583 85 78-01	Charge Port Pigtail
143	532 44 80-59	Charge Port

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

TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67

CHASSIS AND ENCLOSURES 39



chassis-tex_TEX LT HUSQ_83

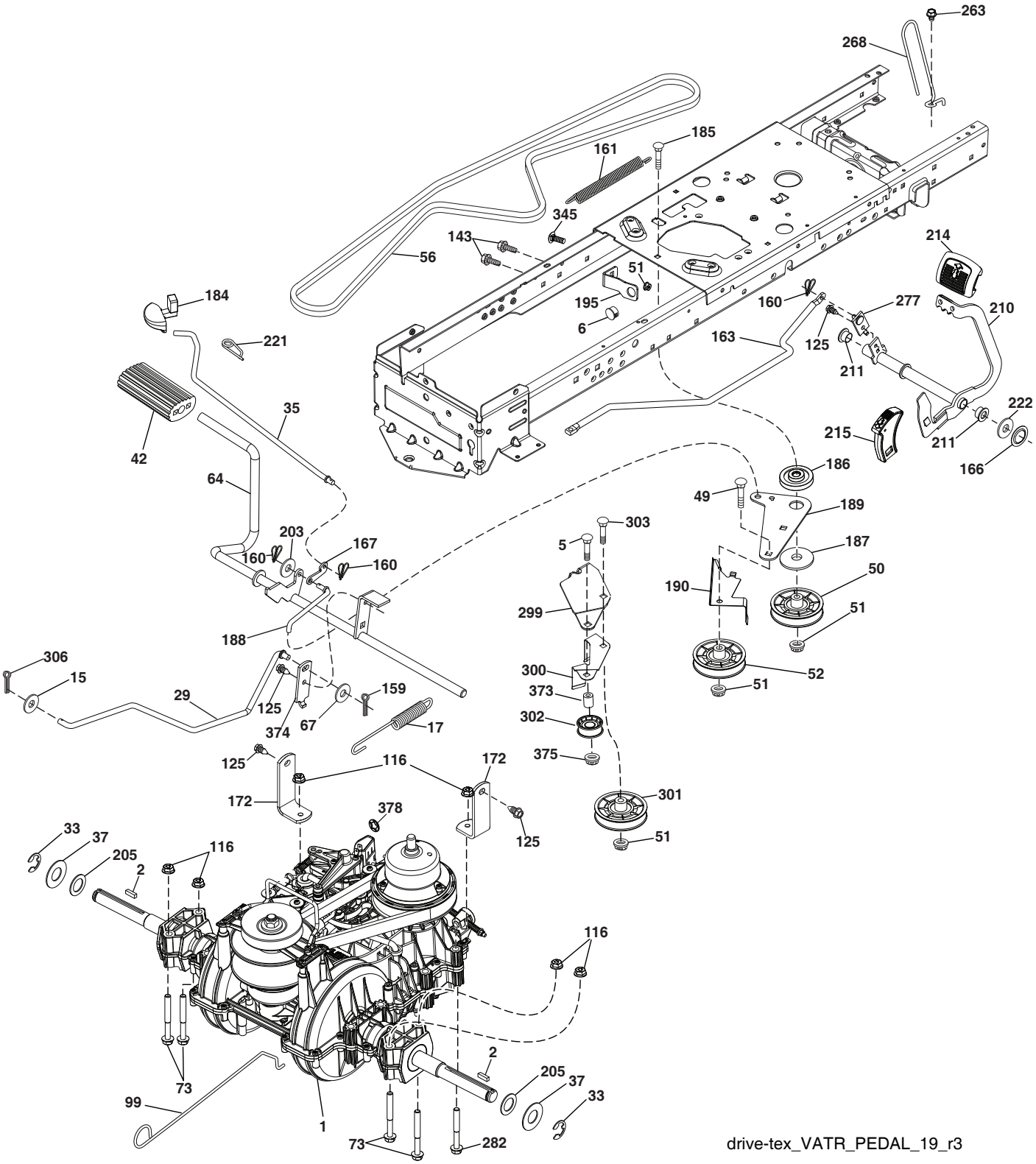
TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67
CHASSIS AND ENCLOSURES 39

KEY NO.	PART NO.	DESCRIPTION
3	581 05 63-01	Logo
5	585 47 79-06	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 08-01	Plate Engine
36	817 06 05-12	Screw 5/16-18 x 3/4
37	532 44 12-06	Fender
52	873 68 05-00	Nut Crown Lock 5/16-18
58	532 41 22-80	Drawbar Upper
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 40 75-90	Bumper Dash
138	532 43 97-47	Cupholder
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 3/8 - 16 x 3/4
162	532 14 24-32	Screw Hex Wsh. Hi-Lo 1/4 x 1/2
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 50-63	Chassis
181	532 43 97-46	Bushing Mtg. Fender Cargo
182	532 40 71-76	Dash Lower
183	874 52 05-20	Bolt 5/16-18 unc x 1-1/4
184	587 55 41-01	Plug
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
195	532 43 99-76	Plug Dash
196	532 43 96-47	Console Asm. Deck Lift
201	819 13 20-16	Washer 13/32 x 1-1/4 x 16 Ga.
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 unc 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
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
287	817 60 04-06	Screw Hex WASHEAD 1/4-20 x 3/8
297	532 40 66-65	Insert Reflective LH
303	587 49 34-02	Shield Chassis French LH
304	587 86 51-02	Shield Chassis French RH
307	587 49 46-01	Shield Upper Pedal
308	532 17 18-77	Bolt 5/16-18 unc x 3/4
312	587 49 30-02	Shield Drawbar French
375	586 90 82-01	Dash Clip-On Bumper

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

TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67

DRIVE 40

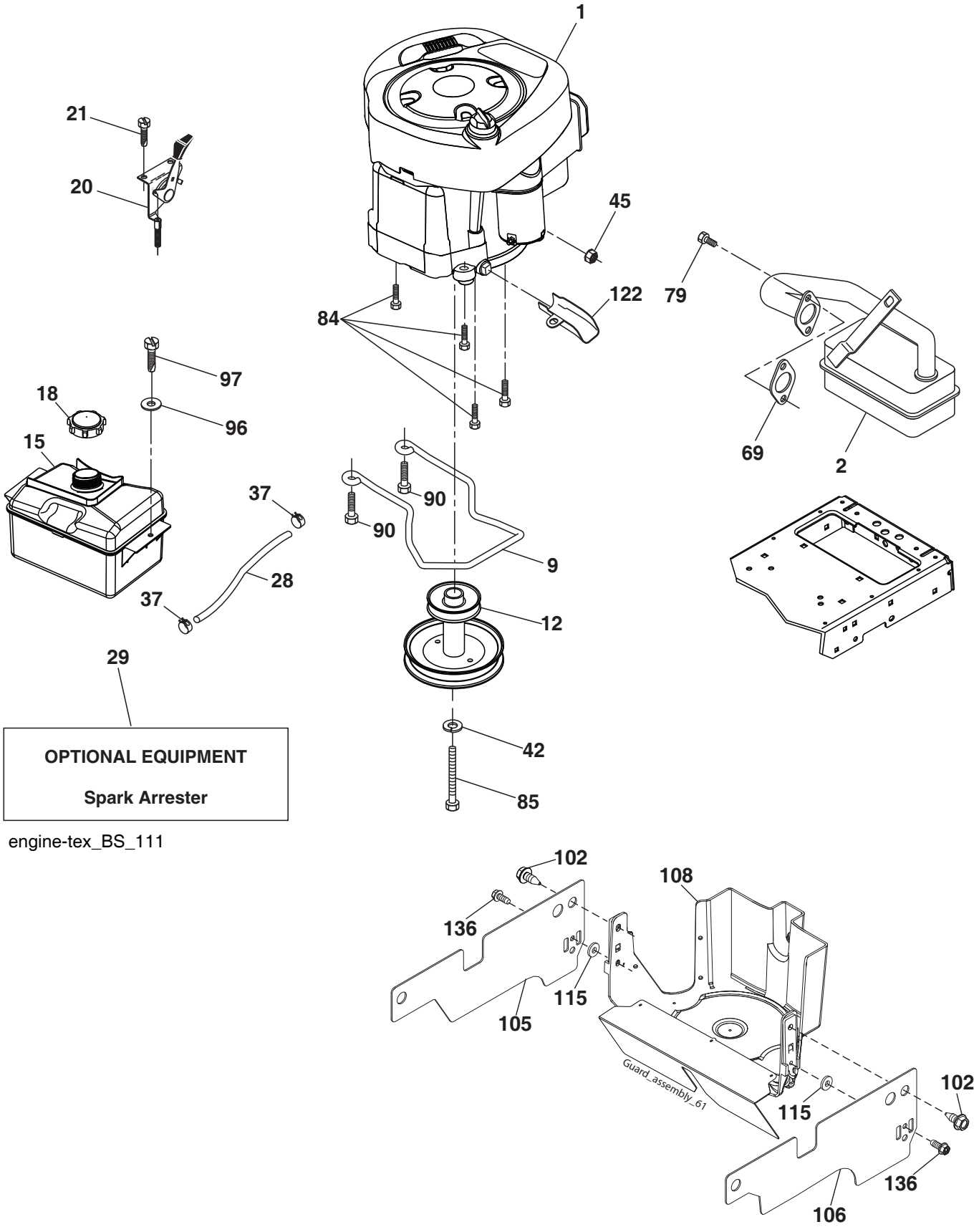


TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67
DRIVE 40

KEY NO.	PART NO.	DESCRIPTION
1	– – – – – –	Transaxle, Variator SD Pedal (580486201) (Order parts from transaxle manufacturer.)
2	532 12 35-83	Key Square
5	874 76 06-36	Bolt Hex HS 3/8-16 unc x 2-1/4
6	532 12 40-28	Bushing Snap
15	819 13 13-16	Washer 13/32 x 13/16 x 16 Ga.
17	501 48 71-01	Spring, Brake
29	584 82 31-01	Rod, Brake
33	812 00 00-01	Ring E
35	532 40 10-31	Rod, Brake, Park
37	532 18 89-67	Washer .793 x 1.637 x 060
42	532 12 48-72	Cover, Foot Pedal
49	872 11 06-14	Bolt 3/8-16 unc
50	532 19 43-27	Idler Flat
51	873 90 06-00	Nut Lock
52	532 19 43-26	Idler V-Groove
56	581 60 38-01	V-Belt, Drive
64	532 44 83-53	Subasm. Shaft Pedal Brake
67	582 58 01-01	Washer Nylon 13/32 x 13/16 x .109
73	874 49 05-44	Bolt Hex 5/16-18 x 3.75
99	532 43 59-35	Rod 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 x 1/2 TYTT
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	587 84 79-02	Rod Control
166	532 42 91-64	Nut Push .625
167	532 40 52-57	Latch Brake Parking
172	583 97 42-01	Strap Torque Variator
184	532 41 14-84	Handle Park Brk.
185	872 11 06-22	Bolt 3/8-16 unc x 2-3/4
186	532 19 43-21	Spacer Retainer
187	819 13 32-10	Washer 13/32 x 2 x 10 ga
188	582 21 70-01	Link Clutch Ground Drive, Long
189	532 19 43-17	Bellcrank Ground Drive
190	532 19 43-18	Keeper. Bellcrank
195	581 50 46-01	Bracket Brake
203	819 11 11-16	Washer 11/32 x 11/16 x 16
205	532 12 17-48	Washer 25/32 x 1-5/8 16 Ga.
210	588 92 10-01	Rocker Asm. Pedal
214	532 42 12-63	Pedal Forward
215	532 44 82-54	Pad Pedal Reverse
211	532 12 01-83	Bearing Nylon
221	532 40 31-87	Retainer Spring
222	879 21 20-10	Washer Flat
263	817 00 06-12	Screw
268	532 18 24-02	Guard.Muffler
277	532 44 85-00	Subasm. Link Rocker Pedal
282	874 49 05-48	Bolt Hex 5/16-18x
299	532 41 56-83	Bracket Mount
300	532 41 56-81	Keeper Idler
301	532 41 56-80	Pulley Idler Groove
302	581 42 05-01	Puller Idler Flat
303	872 11 06-18	Bolt
306	876 02 04-16	Pin Cotter
345	872 11 06-06	Bolt RDHD
373	581 46 18-01	Spacer Idler
374	581 47 52-01	Arm Control Brake
375	873 68 06-00	Nut Crownlock 3/8-16 unc
378	584 28 77-01	Nut Push 8 mm

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

TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67
ENGINE 24



ENGINE 24

KEY NO.	PART NO.	DESCRIPTION
1	– – – – – –	Engine Briggs Model No. 31R577-0027-B1 (587333501) (Order parts from engine manufacturer.)
2	532 13 73-52	Muffler
9	501 83 26-01	Keeper Belt Engine
12	586 47 85-01	Pulley Engine
15	581 28 99-01	Tank Fuel
18	532 43 02-20	Cap Asm
20	587 24 26-01	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
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
84	817 06 06-20	Screw 3/8-16 x 1/4
85	532 17 39-37	Bolt Hex 7/16-20 x Gr. 5-1.5
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
102	817 00 05-12	Screw
105	501 26 72-02	Shield Side LH
106	501 26 82-02	Shield Side RH
108	587 17 95-01	Cover Eng. Pulley w/SHLD 38", 42"
115	532 43 17-61	Palnut #10
122	532 42 19-22	Extension Drain Oil
136	532 42 17-56	Screw, #10 0.500, BOS

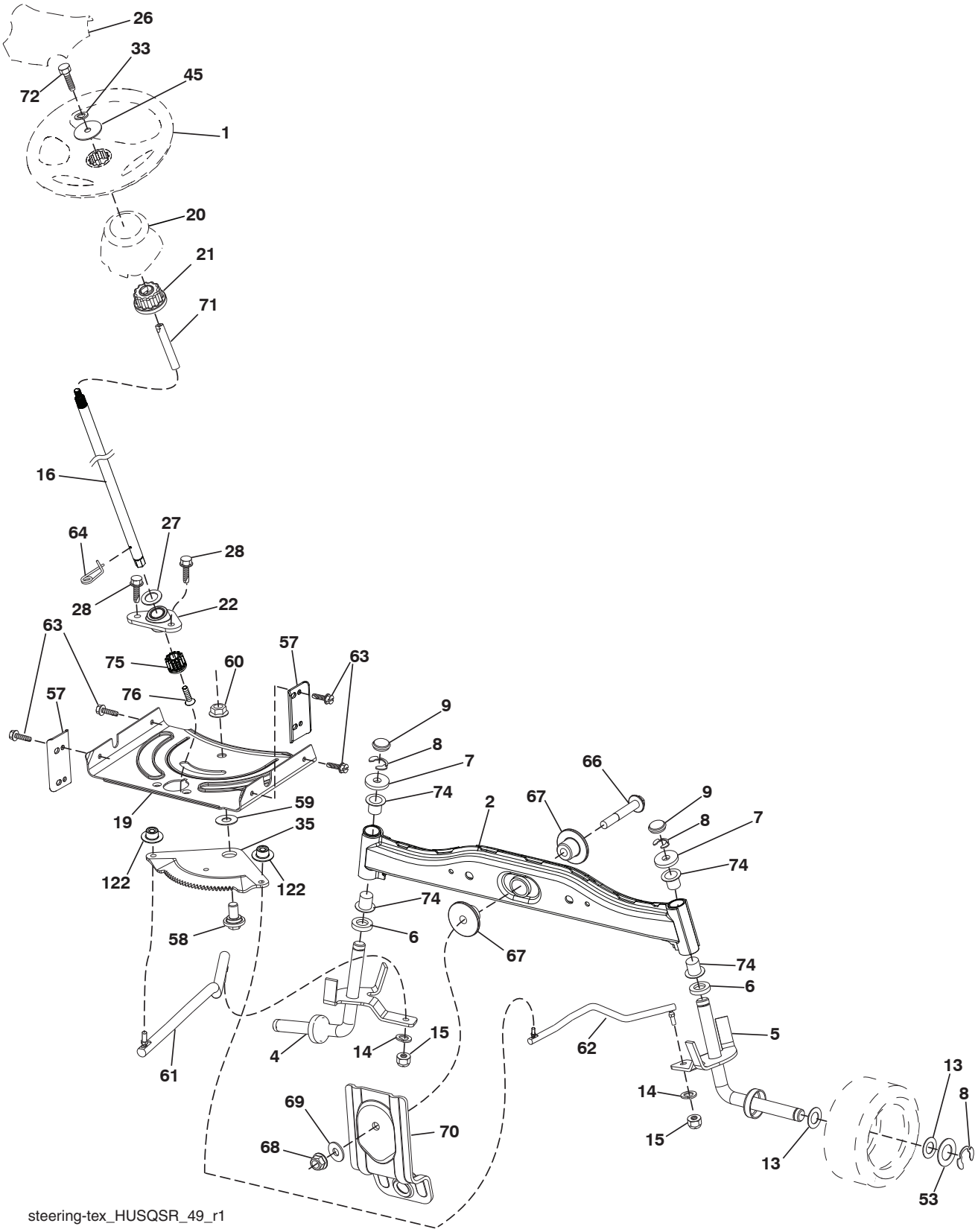
NOTE: All component dimensions given in U.S. inches.
1 inch = 25.4 mm

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. TS 138 (96041036700), PRODUCT NO. 960 41 03-67

STEERING ASSEMBLY 41



TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67

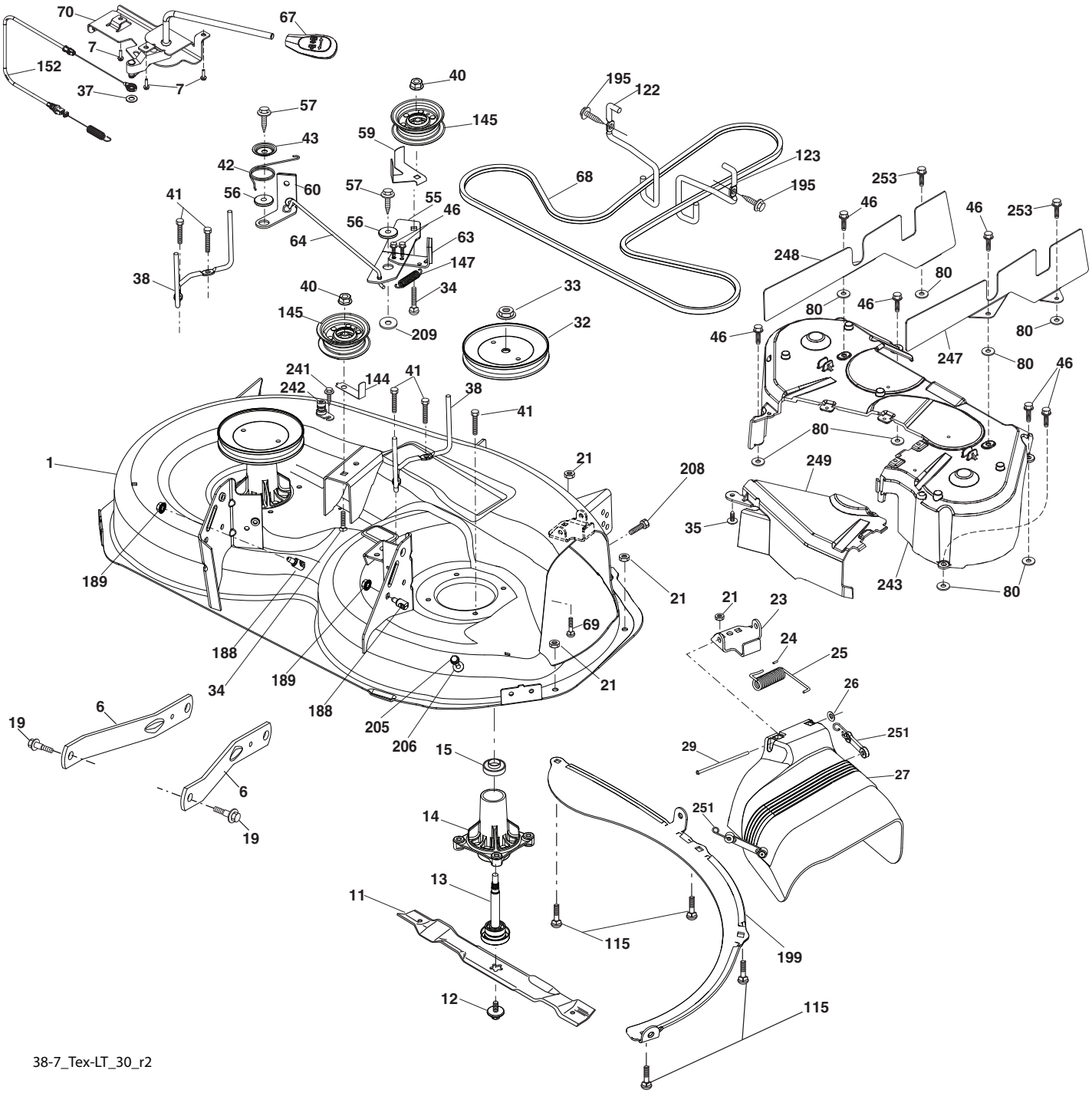
STEERING ASSEMBLY 41

KEY NO.	PART NO.	DESCRIPTION
1	532 43 99-97	Wheel, Steering Husq SR
2	532 41 81-68	Axle Asm., Front
4	532 40 30-87	Spindle Asm., LH
5	532 40 30-88	Spindle Asm., RH
6	532 12 49-31	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, 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 Hvy. Hlcl. Spr. 3/8
15	873 54 06-00	Nut, Crown Lock 3/8-24 unf
16	585 86 92-02	Steering Shaft
19	532 19 47-29	Plate Steering
20	532 44 14-25	Boot, Steering
21	532 18 67-37	Adapter, Wheel Steering
22	585 02 98-02	Bearing
26	532 43 97-43	Insert, Wheel Steering Husq SR
27	819 21 16-16	Washer 21 x 32 x 1 x 16 Ga.
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	585 33 88-01	Bracket Deck Susp. Front
71	532 19 07-52	Shaft Extension Steering
72	532 42 89-82	Bolt Fin Hx 5/16-18 x 4 w/Patch
74	532 12 49-37	Bearing Col. STRG
75	580 68 37-01	Pinion
76	580 68 36-01	Screw Head Sock
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. TS 138 (96041036700), PRODUCT NO. 960 41 03-67

MOWER DECK 44

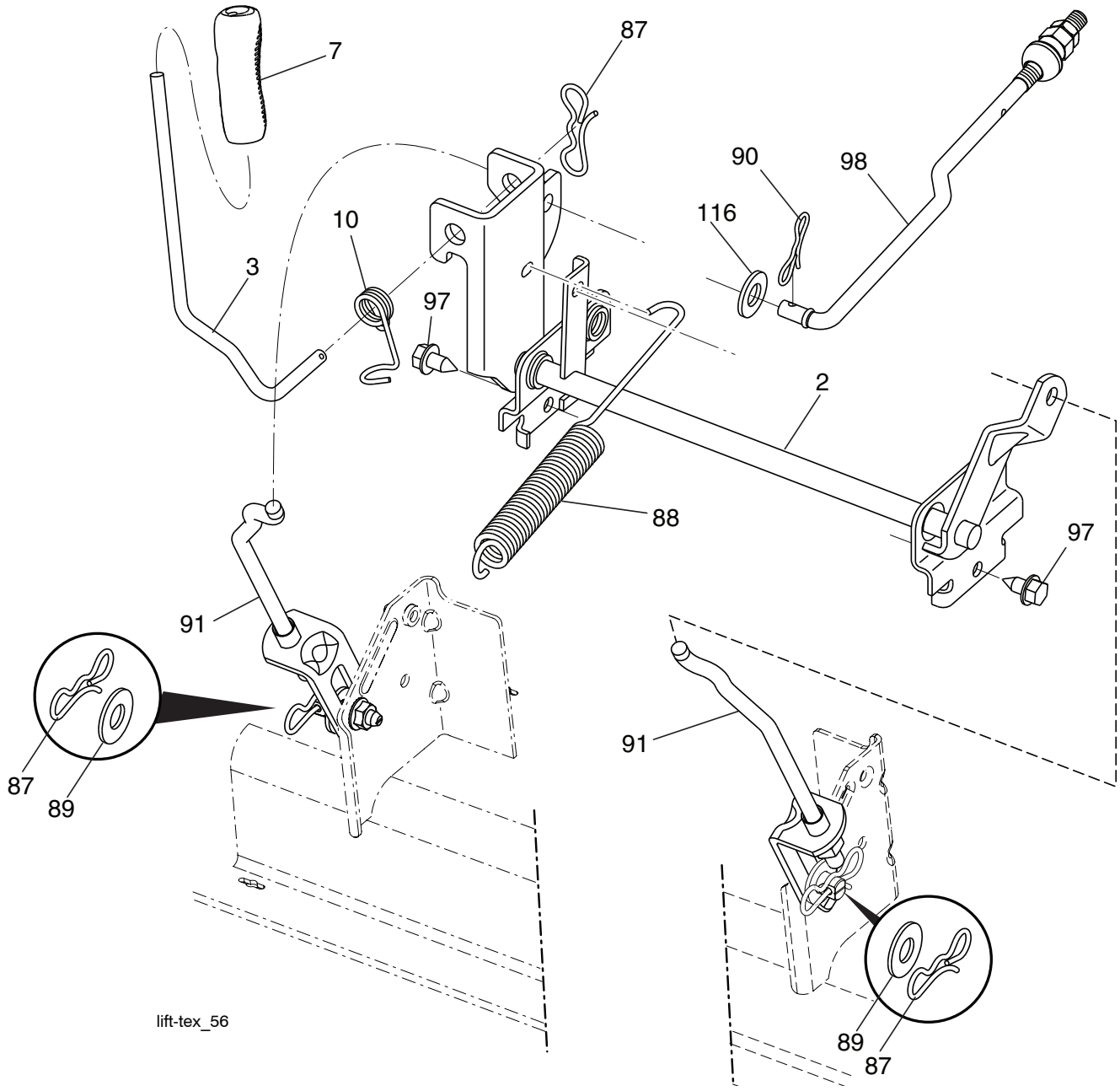


TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67
MOWER DECK 44

KEY NO.	PART NO.	DESCRIPTION
1	587 77 18-02	Mower Housing
6	532 19 51-86	Arm Suspension
7	532 41 63-58	Screw #10 x BOS Thread
11	581 11 63-01	Blade 38"
12	584 30 93-01	Screw 7/16-20 x 1 Hex
13	587 25 65-01	Shaft Assembly, Mandrel
14	532 18 72-81	Housing, Mandrel
15	585 32 39-01	Bearing, Mandrel
19	532 19 65-39	Bolt, Shoulder
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 16-18	Shield, Deflector
29	532 13 14-91	Rod, Hinge
32	532 19 97-89	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
35	532 13 38-35	Fastener, Christmas Tree
37	819 13 13-16	Washer
38	532 19 95-41	Keeper Belt LH Mandrel
40	873 90 06-00	Nut, Lock Flg. 3/8-16 unc
41	584 95 39-01	Bolt Hex 313 - 18 x 1.19
42	532 19 84-10	Spring Torsion Brake
43	532 19 72-56	Spring Torsion Retainer
46	532 13 77-29	Screw 1/4-20 x 5/8
55	532 19 72-49	Arm, Idler
56	532 19 90-92	Spacer, Retainer
57	817 00 06-16	Screw 3/8-16 x 1
59	532 14 10-43	Guard, Tuv. Idler
60	532 19 94-71	Arm Brake Mower
63	532 19 94-70	Arm Brake Mower
64	532 19 97-90	Link Brake
67	532 40 30-12	Handle Clutch Cable
68	532 40 83-81	V-Belt
69	872 14 05-05	Bolt
70	532 40 12-46	Clutch Asm. Manual
80	532 42 30-62	Pal Nut
115	872 11 05-05	Bolt Carr. 5/16-18x5 18 Short
122	532 19 72-58	Keeper Belt Engine LH
123	532 19 72-59	Keeper Belt Engine RH
144	532 19 34-14	Keeper Belt
145	532 19 31-97	Pulley, Idler, Flat
147	532 40 18-72	Spring Return
152	532 43 51 11	Manual Clutch Cable
188	532 19 51-61	Stud Fastener
189	873 90 05-00	Nut Lock Hex Flange
195	817 00 06-12	Screw 3/8-16 x 3/4
199	532 40 00-95	Baffle Vortex
205	817 49 04-16	Screw 1/4-20 x 1
206	819 09 14-16	Washer 9/32 x 7/8 x 16 Ga.
208	817 67 06-08	Screw 3/8-16 x 1/2
209	819 13 32-10	Washer 13/32 x 2 x 10
241	532 15 29-27	Screw TT #10-32.5 3/8 Flange
242	532 41 55-98	Port Washout
243	532 40 65-10	Cover Assy
247	532 43 02-58	Shield Deck RH Assy
248	532 43 02-59	Shield Deck LH Assy
249	532 40 65-14	Cover Cable Clutch
251	532 43 60-87	Kit Bungee (Includes Phillips head screw, weld nut, screw, bungee latch, and bungee strap)
253	532 42 73-50	Rivet
- -	587 25 33-01	Mandrel Assembly (Includes housing (key# 14), shaft assembly (key# 13), and bearing (key# 15) only - pulley/ nut/washer and blade bolt/washers not included.)
- -	532 44 33-58	Replacement Mower, Complete

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

TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67
MOWER LIFT 45

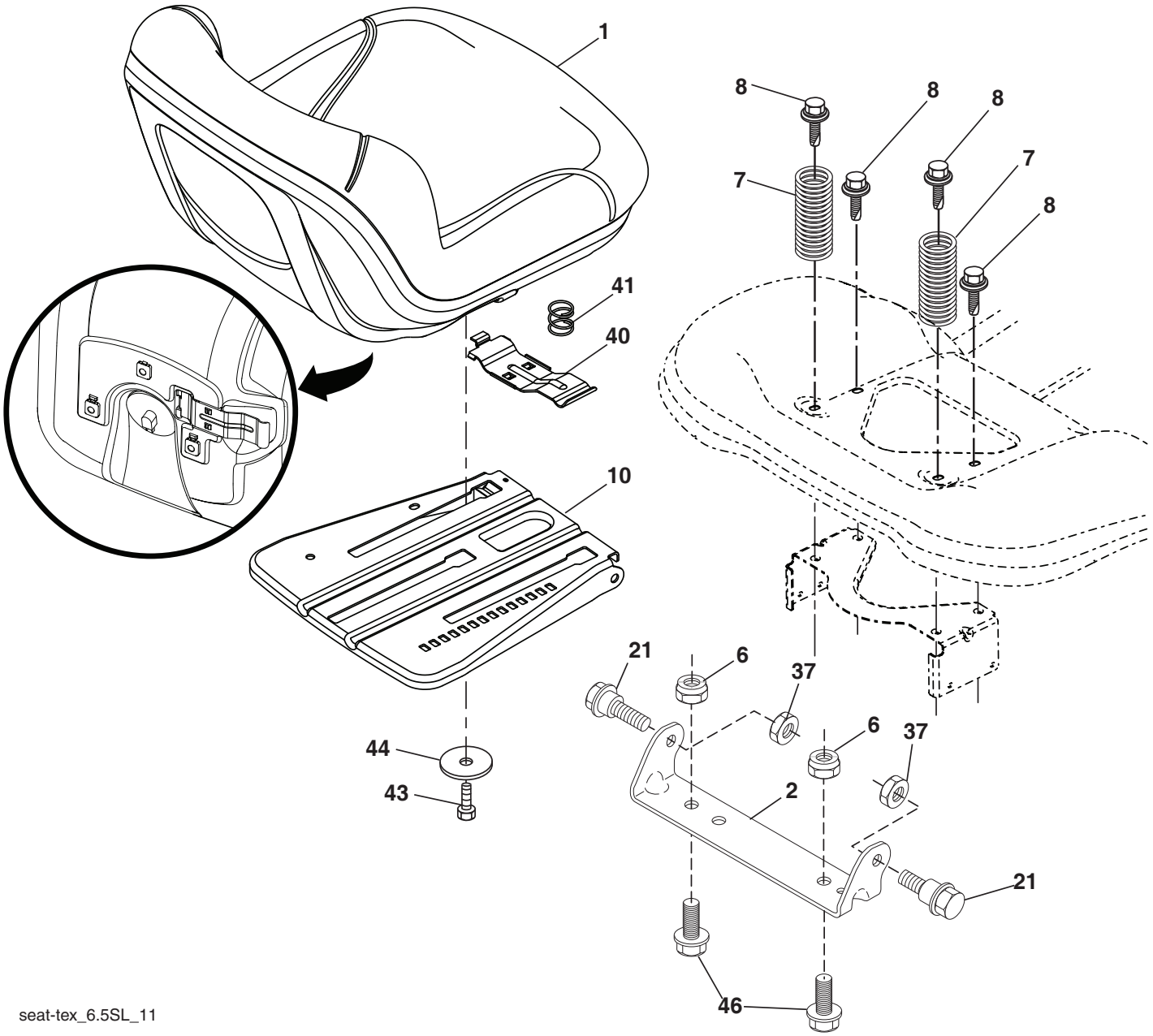


KEY NO.	PART NO.	DESCRIPTION
2	532 42 20-27	Shaft Asm., Lift
3	532 19 52-31	Lever Asm., Lift RH
7	580 96 23-01	Grip, Lever
10	532 19 63-14	Spring Torsion
87	532 19 42-09	Pin Cotter 7/16 Bow Tie Lock
88	532 41-07-10	Spring Lift Assist
89	819 19 19-12	Washer Clear Zinc
90	532 19 42-08	Pin Cotter 5/16 Bow Tie Lock
91	532 19 51-81	Link 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
116	819 15 15-16	Washer 15/32 x 15/16 x 16 Ga.

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

TRACTOR - - MODEL NO. TS 138 (96041036700), PRODUCT NO. 960 41 03-67

SEAT ASSEMBLY 42



KEY NO.	PART NO.	DESCRIPTION
1	532 43 97-09	Seat
2	532 18 01-66	Bracket Pivot Fender
6	873 80 06-00	Nut, Lock w/Ins. 3/8-16 unc
7	587 61 33-01	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	587 90 78-01	Bolt, Shoulder 5/16-18 x 5/8
37	873 80 05-00	Nut, Lock 5/16-18 unc
40	532 19 76-61	Handle

KEY NO.	PART NO.	DESCRIPTION
41	532 19 82-00	Spring
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.
46	588 09 04-01	Bolt 3/8-16 x 1, 1.25

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