

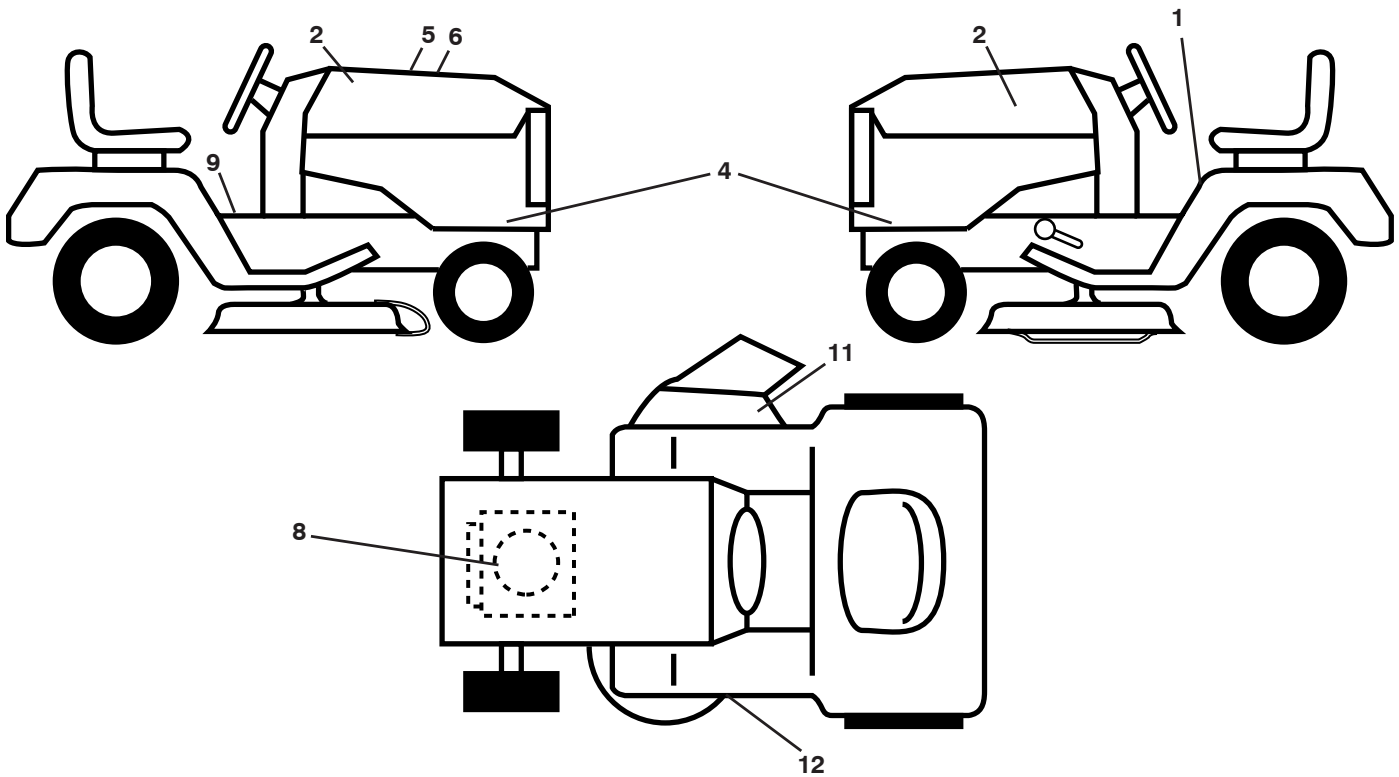


917.289600
(LTH18538)

Illustrated Parts List

TRACTOR -- MODEL NUMBER LTH18538 (289600)

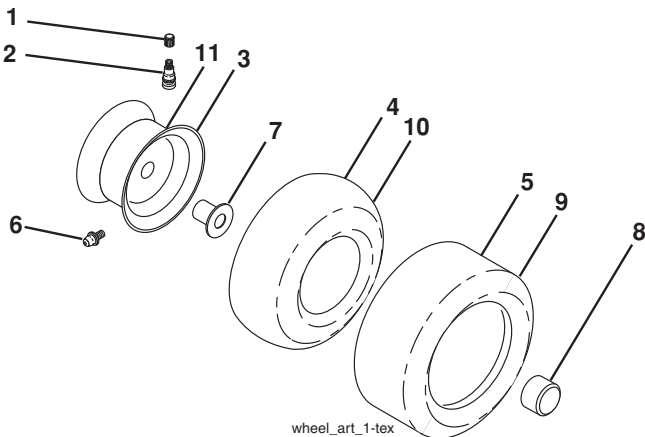
DECALS



KEY NO.	PART NO.	DESCRIPTION
1	532 41 16-58	Decal, Fender Warn./Instructions
2	532 42 91-96	Decal, Hood Logo
4	532 43 20-88	Decal, Hood Panel
5	532 42 38-29	Decal, Customer Respons.
6	532 43 65-56	Decal, Replacement
8	532 43 10-93	Decal, Engine
9	532 14 50-05	Decal, Battery Dnge/Poi

KEY NO.	PART NO.	DESCRIPTION
11	532 17 05-63	Decal, Warning
12	532 19 43-02	Decal, Mower V-Belt Schematic
--	532 16 69-60	Decal, Bypass
--	532 41 08-05	Pad, Footrest, LH
--	532 41 10-56	Pad, Footrest, RH
--	532 43 62-86	Manual, Owner's (English)
--	532 43 62-87	Manual, Owner's (French)

WHEELS AND TIRES



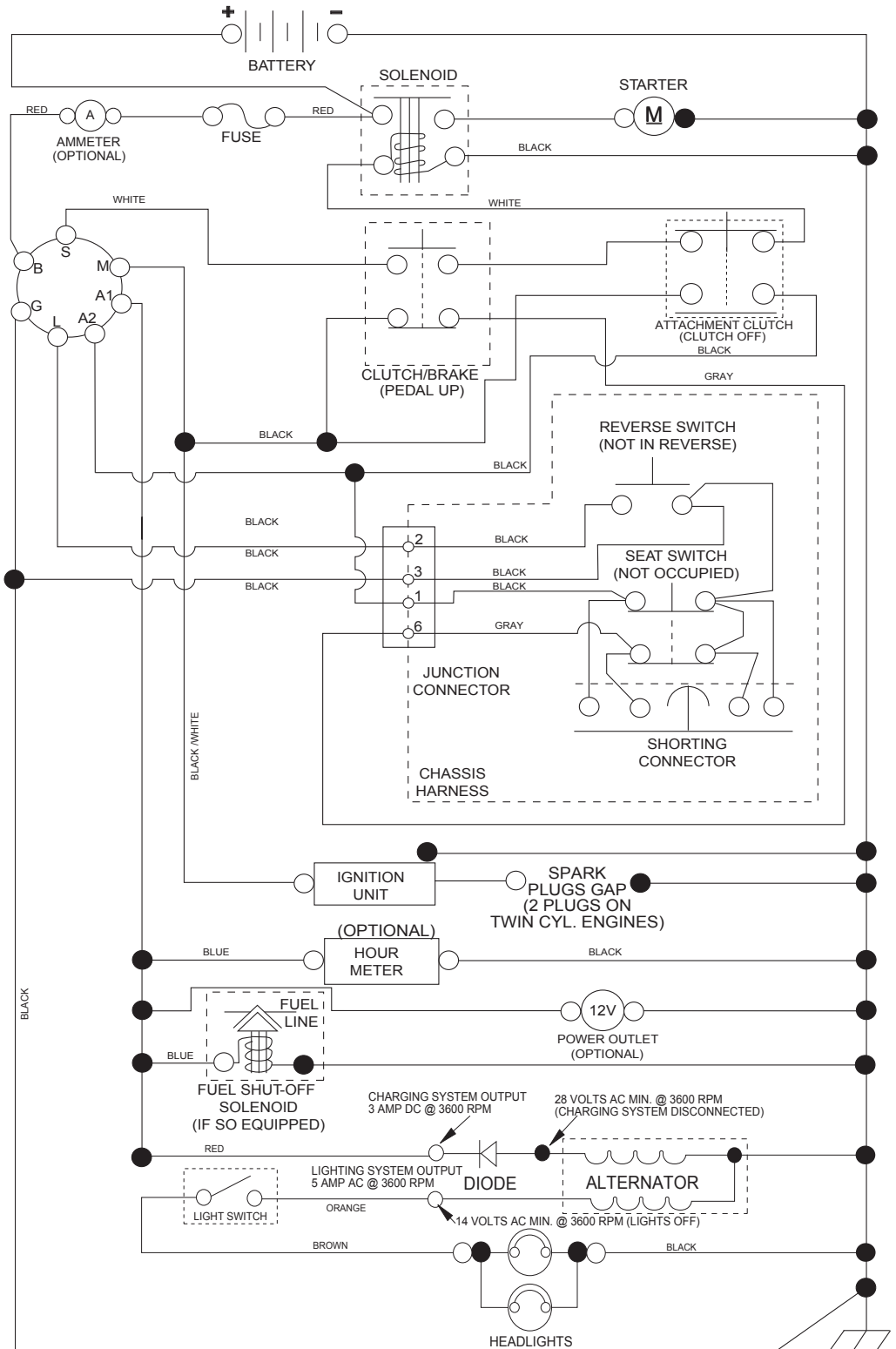
KEY NO.	PART NO.	DESCRIPTION
1	532 05 91-92	Cap Valve Tire
2	532 06 51-39	Stem Valve
3	532 13 83-36	Rim Asm 6" Front
4	532 05 99-04	Tube Front (Service Item Only)
5	532 10 62-22	Tire Front 15 x 6.0-6
6	532 12 49-57	Fitting Grease (Front Wheel Only)
7	532 12 49-59	Bearing Flange (Front Wheel Only)
8	532 17 50-39	Cap Axle Blk 1 50 x 1 00
9	532 42 05-31	Tire Rear 18 x 9.5-8 "Turf Saver LT"
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

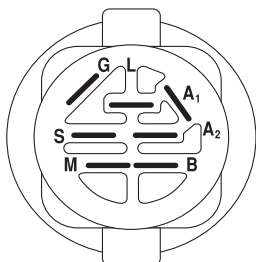
TRACTOR -- MODEL NUMBER LTH18538 (289600)

SCHEMATIC

SCH11

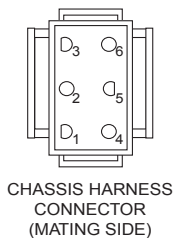


NOTE
YOUR TRACTOR IS EQUIPPED WITH A SPECIAL ALTERNATOR SYSTEM. THE LIGHTS ARE NOT CONNECTED TO THE BATTERY, BUT HAVE THEIR OWN ELECTRICAL SOURCE. BECAUSE OF THIS, THE BRIGHTNESS OF THE LIGHTS WILL CHANGE WITH ENGINE SPEED. AT IDLE THE LIGHTS WILL DIM. AS THE ENGINE IS SPEEDED UP, THE LIGHTS WILL BECOME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

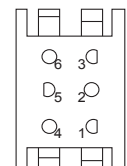


IGNITION SWITCH

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.

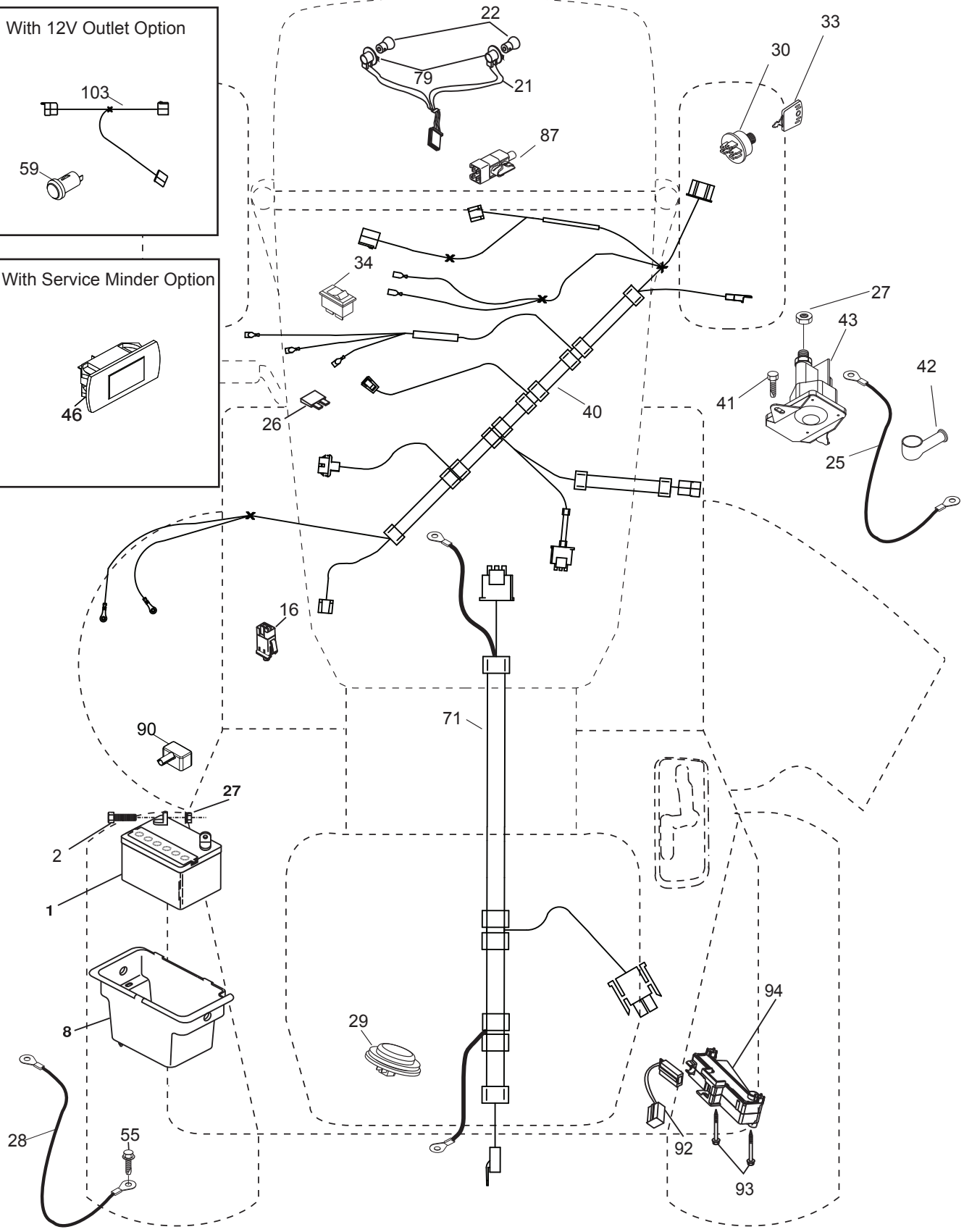
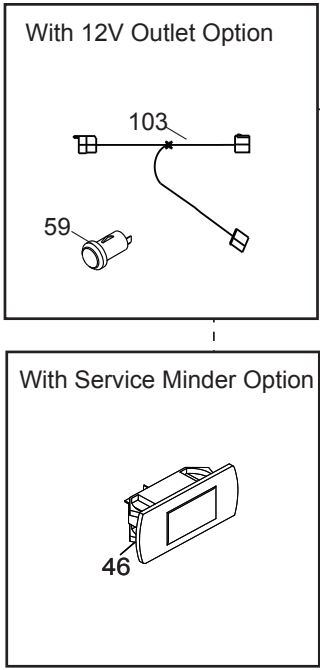
NON-REMOVABLE CONNECTIONS

REMOVABLE CONNECTIONS

TRACTOR -- MODEL NUMBER LTH18538 (289600)

ELECTRICAL

T02S



TRACTOR - - MODEL NUMBER LTH18538 (289600)

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 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	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 19 88-85	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	532 40 10-98	Harness Ign. 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
55	817 06 05-12	Screw Thdrol 5/16-18 x 3/4
71	532 40 04-49	Harness Chassis
79	532 17 52-42	Socket Asm Bulb Twistlock
87	532 19 78-02	Switch Interlock Clutch Cable
90	532 40 07-25	Cover, Terminal Battery
92	532 19 66-15	Harness Pigtail Reverse Switch
93	532 19 25-40	Screw Plastite 10-14 x 2.0
94	532 19 18-34	Module Reverse ROS

NOTE: All component dimensions given in U.S. inches
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TRACTOR - - MODEL NUMBER LTH18538 (289600)

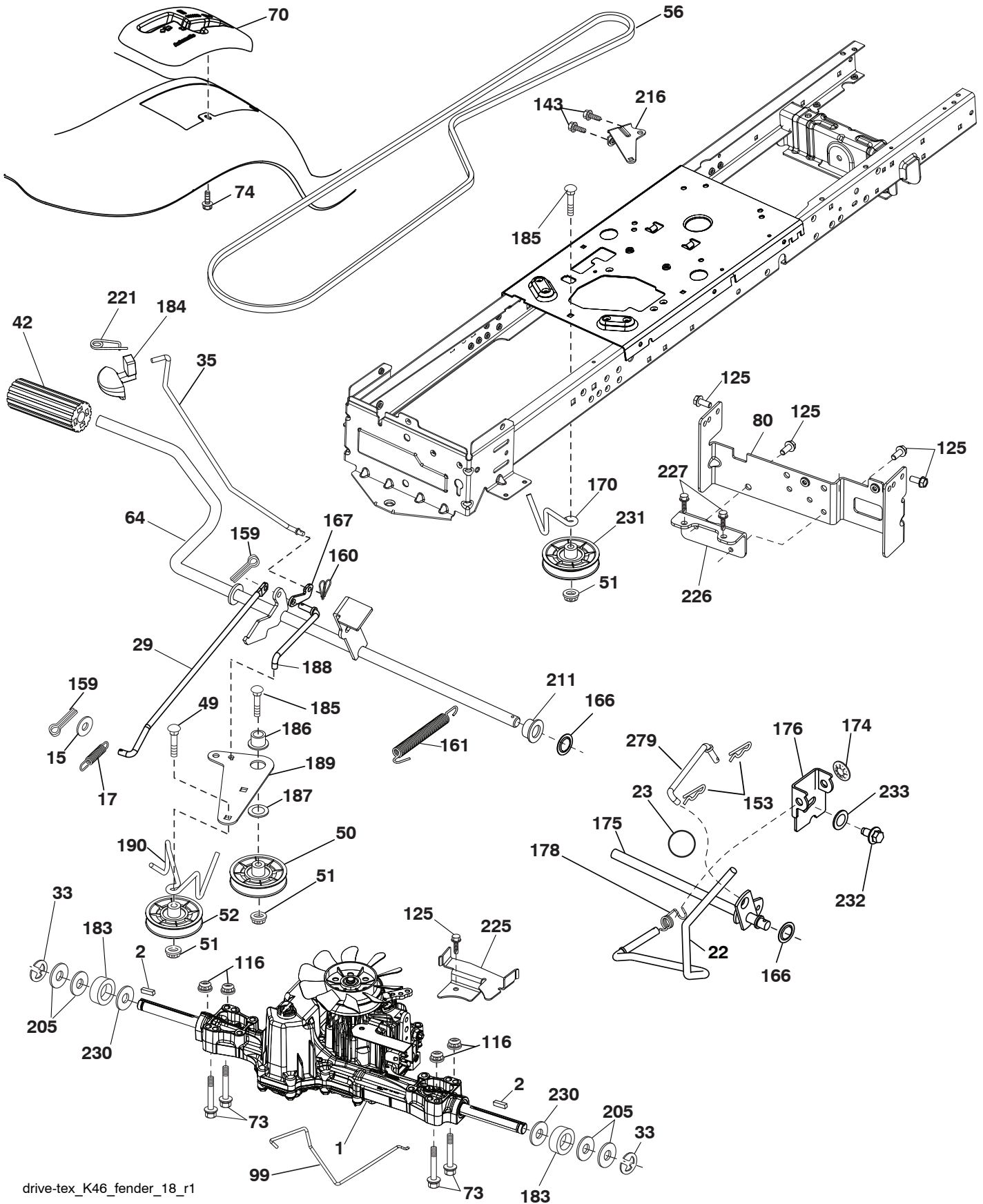
CHASSIS

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
3	532 40 50-12	Logo	189	817 00 05-12	Screw 5/16-18 x 3/4
5	532 40 75-92	Dash	191	532 41 65-00	Insert Reflective RH
14	532 41 10-73	Hood	194	873 90 05-00	Nut Lock Hex Flange 5/16-18
15	532 41 10-79	Lens LH	195	532 41 11-15	Plug Dash
18	532 42 69-63	Grille	196	532 41 45-80	Console Asm. Deck Lift
25	532 41 10-78	Lens RH	202	532 41 10-75	Vent Side Hood RH
34	532 19 61-25	Plate Engine	203	532 41 10-74	Vent Side Hood LH
36	817 06 05-12	Screw 5/16-18 x 3/4	204	532 41 11-16	Vent Top Hood
37	532 41 63-07	Fender	205	532 41 10-76	Skirt Side RH
52	873 68 05-00	Nut Crown Lock 5/16	206	532 41 10-77	Skirt Side LH
58	532 41 22-80	Drawbar Upper	213	874 76 05-12	Bolt 5/16-18 x 3/4
68	817 49 05-08	Screw THDROL 5/16-18 x 1/2	214	532 19 91-45	Clip Retainer
130	532 41 63-58	Screw #10 x 0.750 BOS Thread	217	532 40 91-67	Rod Pivot Hood
137	532 40 75-90	Bumper Dash	218	532 19 63-95	X-Piece Hood Stop
138	532 40 29-54	Cupholder	228	532 19 51-61	Stud Fastener
150	532 40 66-62	Air Duct	234	532 40 47-42	Bumper Hood
151	532 40 78-07	Bracket Pivot	235	532 40 61-29	Spacer Fender
152	532 19 95-35	Shield Browning	236	873 93 05-00	Nut Lock 5/16-18 unc
159	817 00 06-12	Screw Hexwash Thor 3/8-16 x 3/4	238	532 41 11-19	Trim
162	532 14 24-32	Screw	239	532 40 48-83	Clip Tinnerman
175	532 19 94-72	Crossmember Plate	287	817 60 04-06	Screw Hex Washhead 1/4-20 x 3/8
176	532 40 07-76	Screw 10-24 x 5/8	297	532 40 66-65	Insert reflective LH
177	532 19 52-28	Bushing Steering			
180	532 41 50-63	Chassis			
181	532 40 30-25	Bushing Mtg. Fender Crgo			
182	532 40 71-76	Dash Lower			
183	874 52 05-20	Bolt 5/16-18 x 1-1/4 Full Thd			

NOTE: All component dimensions given in U.S. inches
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TRACTOR -- MODEL NUMBER LTH18538 (289600)

DRIVE



drive-tex_K46_fender_18_r1

TRACTOR - - MODEL NUMBER LTH18538 (289600)

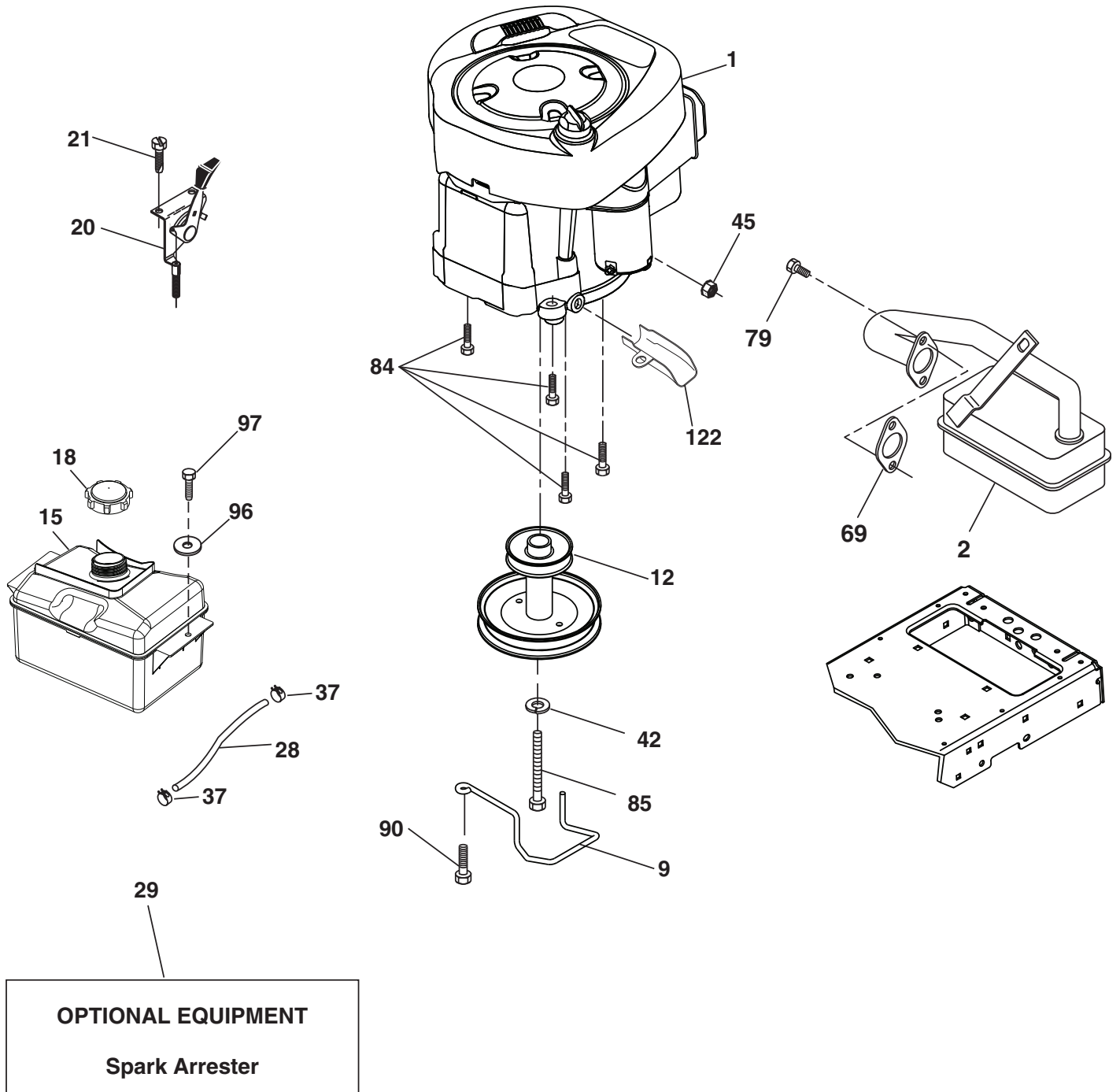
DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	---	Transaxle, Tufftorq K46BA (Internal Parts Not Available)	167	532 40 52-57	Latch Brake Parking
2	532 12 35-83	Key Square	170	532 41 34-30	Keeper Belt Centerspan
15	819 13 13-16	Washer 13/32 x 13/16 x 16 Ga.	174	532 19 72-89	Nut Push
17	532 41 36-78	Spring, Brake	175	532 40 85-39	Shaft Asm Shift
22	532 19 76-60	Rod Shift	176	532 19 62-14	Arm Clevis Rod Shift
23	532 14 08-45	Knob	178	532 19 74-56	Spring Shift
29	532 40 38-06	Rod, Brake	183	532 13 70-57	Spacer Axle
33	812 00 00-01	Ring E	184	532 40 97-47	Handle Parking Brake
35	532 40 10-31	Rod, Brake, Park	185	872 11 06-22	Bolt
42	532 12 48-72	Cover, Foot Pedal	186	532 19 43-21	Spacer Retainer
49	872 11 06-14	Bolt	187	819 13 32-10	Washer
50	532 19 43-27	Pulley Idler Flat	188	532 19 43-23	Link Clutch Ground Drive
51	873 90 06-00	Lock Nut 3/8-16	189	532 19 43-17	Bellcrank Ground Drive
52	532 19 43-26	Idler V-Groove 910" Offset	190	532 19 43-18	Keeper Bellcrank Ground Drive
56	532 13 09-69	V-Belt, Drive	205	532 12 17-48	Washer 25/32 x 1-5/8 x 16 Ga.
64	532 19 62-00	Shaft Asm. Pedal Brake Control	211	532 19 62-12	Bushing Shaft
70	532 41 14-74	Console	216	532 19 61-31	Bracket Pulley Idler
73	874 49 05-44	Bolt Hex 5/16-18 Gr. 5	221	532 40 31-87	Retainer Spring Clip Handle
74	532 14 24-32	Screw 1/4 x 1/2	225	532 40 33-19	Keeper Belt Transaxle
80	532 41 00-24	Strap Torque	226	532 40 15-64	Bracket Mount Torque
99	532 41 57-42	Rod Spring Bypass	227	817 49 05-12	Screw 5/16-18 x 3/4
116	873 90 05-00	Nut Lock Hex Flange 5/16-18	230	532 18 89-67	Washer Harden .793 x 1.637 x 060
125	817 00 05-12	Screw 5/16-18 x 3/4	231	532 40 72-87	Idler V-Groove 1.688" Offset
143	817 49 05-08	Screw THDROL 5/16-18	232	874 78 07-16	Bolt 7/16-14 x 1 Gr 5
153	532 12 47-88	Retainer Spring 1"	233	532 40 52-96	Washer Serrated
159	876 02 04-12	Pin Cotter 1/8 x 3/4	279	532 41 31-50	Link Shift
160	532 16 94-84	Retainer Clip			
161	532 10 57-09	Spring, Return, Clutch			
166	532 42 91-64	Nut Push			

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

TRACTOR - - MODEL NUMBER LTH18538 (289600)

ENGINE



engine-tex_BS_36

TRACTOR - - MODEL NUMBER LTH18538 (289600)

ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	- - - - -	Engine Briggs Model No. 31N707-1374-B1
2	532 13 73-52	Muffler
9	532 19 43-20	Keeper Belt Engine
12	532 40 54-71	Pulley Engine
15	532 40 75-45	Tank Fuel
18	532 43 02-20	Cap Fuel
20	532 18 38-97	Control Throttle/Choke
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
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
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
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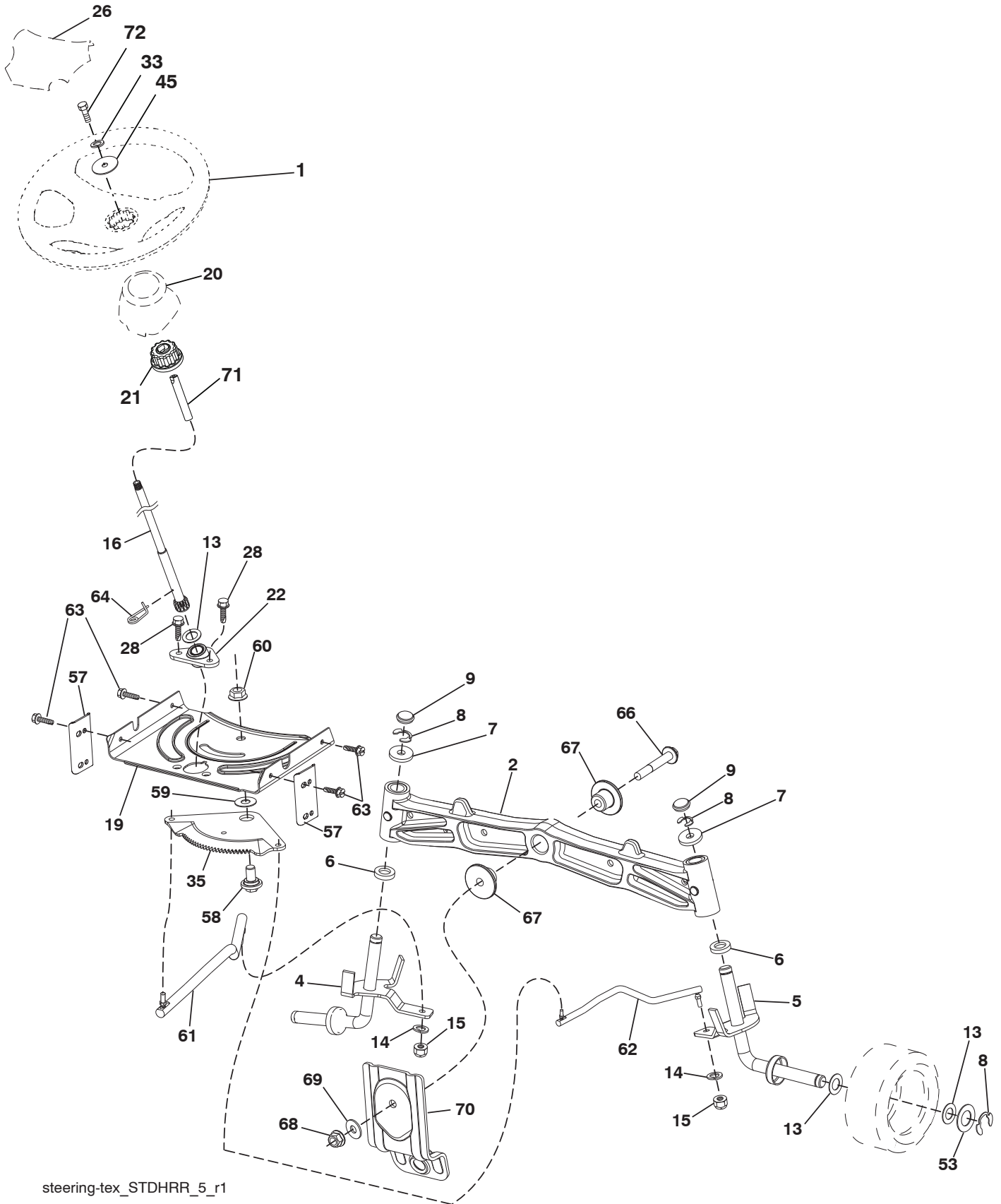
For engine service and replacement parts, call the toll free number for your engine manufacturer listed below:

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 LTH18538 (289600)
STEERING ASSEMBLY



steering-tex_STDHRR_5_r1

TRACTOR - - MODEL NUMBER LTH18538 (289600)

STEERING ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	532 42 34-69	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	Bearing, Race Thrust Harden
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 93-74	Shaft Steering
19	532 19 47-29	Plate Steering
20	532 41 11-39	Boot Steering
21	532 18 67-37	Adapter, Wheel Steering
22	532 42 05-37	Strg. Supt. Lower
26	532 41 59-87	Insert, Wheel Steering
28	817 00 06-12	Screw 3/8-16 x 3/4
33	810 04 05-00	Washer Lock Hvy HLCL SPR. 5/16
35	532 19 47-32	Gear, Sector Plate
45	819 11 38-12	Washer 11/32 ID x 2 3/8 OD 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 Exten. Strg.
72	532 42 89-82	Bolt Fin Hx. 5/16-18 x 4 w/Patch

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

TRACTOR - - MODEL NUMBER LTH18538 (289600)

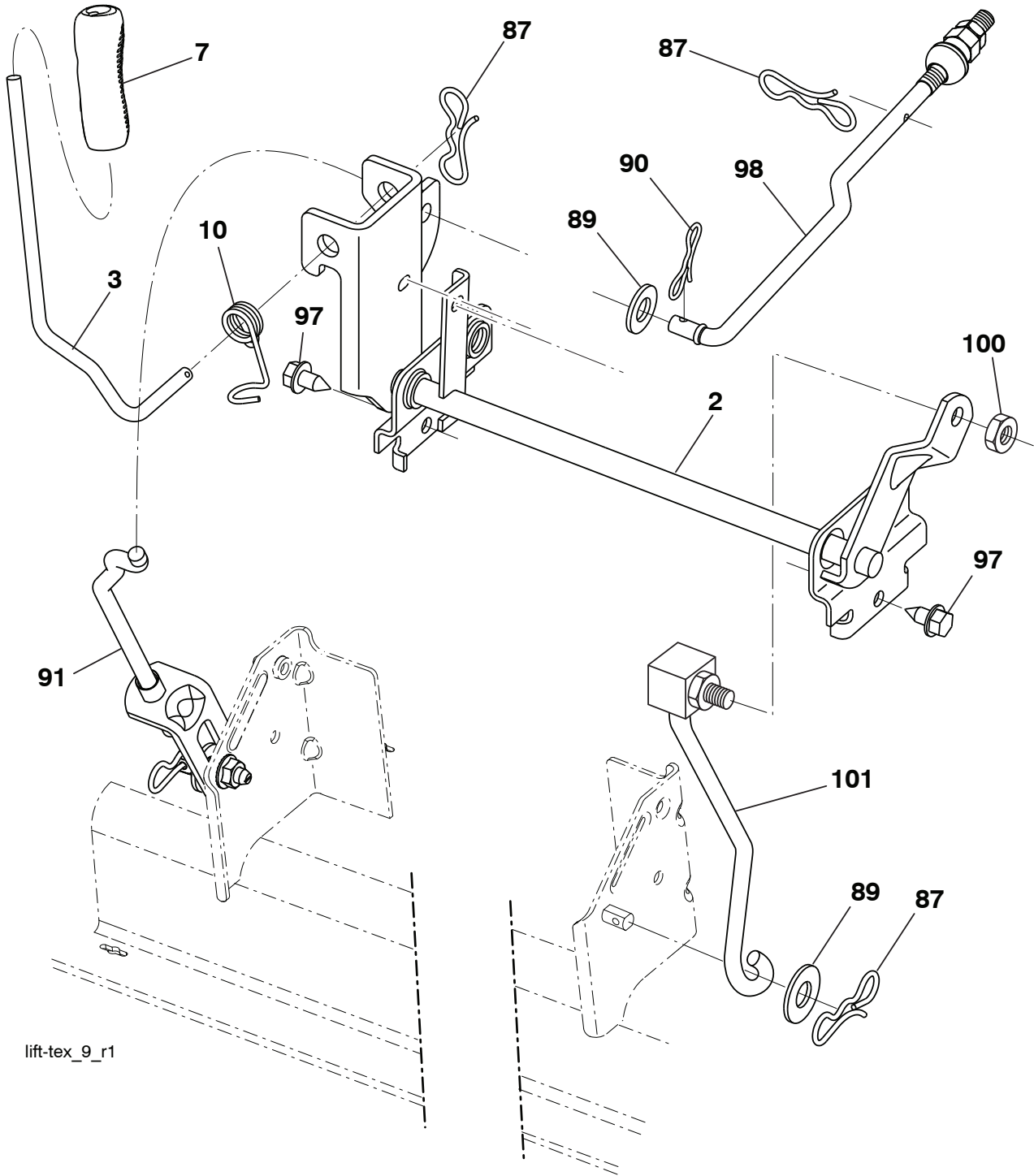
MOWER DECK

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	532 41 14-83	Mower Housing	60	532 19 94-71	Arm Brake Mower LH
6	532 19 51-86	Arm Suspension	63	532 19 94-70	Arm Brake Mower RH
7	532 41 63-58	Screw #10 x 0.750 BOS Thread	64	532 19 99-18	Link Brake
8	532 19 30-03	Bolt/Washer asm 7/16-20 unf	67	532 40 30-12	Handle Clutch Cable
11	532 19 39-57	Blade 38" 3N1 PREMIUM	68	532 40 83-81	V-Belt
--	532 13 84-97	Blade 38" HI PERF	69	872 14 05-05	Bolt
13	532 19 28-72	Shaft Assembly, Mandrel	70	532 40 12-46	Clutch Asm Manual
14	532 18 72-81	Housing, Mandrel	115	872 11 05-05	Bolt Carr. 5/16-18 x 5/8
15	532 11 04-85	Bearing, Ball, Mandrel	116	532 12 48-42	Bolt, Shoulder
19	532 19 65-39	Bolt, Shoulder	117	532 18 86-06	Wheel, Gauge
21	873 68 05-00	Nut, Crownlock 5/16-18 unc	118	873 93 06-00	Nut Lock 3/8-16 unc
23	532 19 25-57	Bracket, Deflector	119	819 12 14-14	Washer 3/8 x 7/8 x 14 Ga.
24	532 10 53-04	Cap, Sleeve	122	532 19 72-58	Keeper Belt Engine LH
25	532 19 70-26	Spring, Torsion, Deflector	123	532 19 72-59	Keeper Belt Engine RH
26	532 11 04-52	Nut, Push	144	532 19 34-14	Keeper Belt
27	532 19 39-68	Shield, Deflector	145	532 19 31-97	Pulley Idler
29	532 13 14-91	Rod, Hinge	147	532 40 18-72	Spring Return
30	532 17 39-84	Screw Thdrol Rolling Wsh Hd	152	532 43 51-11	Manual Clutch Cable
31	532 18 76-90	Washer, Spacer	188	532 19 51-61	Stud Fastener
32	532 19 97-89	Pulley, Mandrel	189	873 90 05-00	Nut Lock Hex Flange
33	532 40 02-34	Nut, Toplock, Flanged	195	817 00 06-12	Screw 3/8-16 x 3/4
34	872 11 06-12	Bolt Carr Sh. 3/8-16 x 1-1/2 Gr. 5	199	532 40 00-95	Baffle Vortex
37	819 13 13-16	Washer	208	817 67 06-08	Screw Thdrol 3/8-16 x 1/2
38	532 19 95-41	Keeper Belt LH Mandrel	209	819 13 32-10	Washer 13/32 x 2 x 10
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 07-16	Replacement Mower, Complete
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			

NOTE: All component dimensions given in U.S. inches
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TRACTOR -- MODEL NUMBER LTH18538 (289600)

MOWER LIFT



lift-tex_9_r1

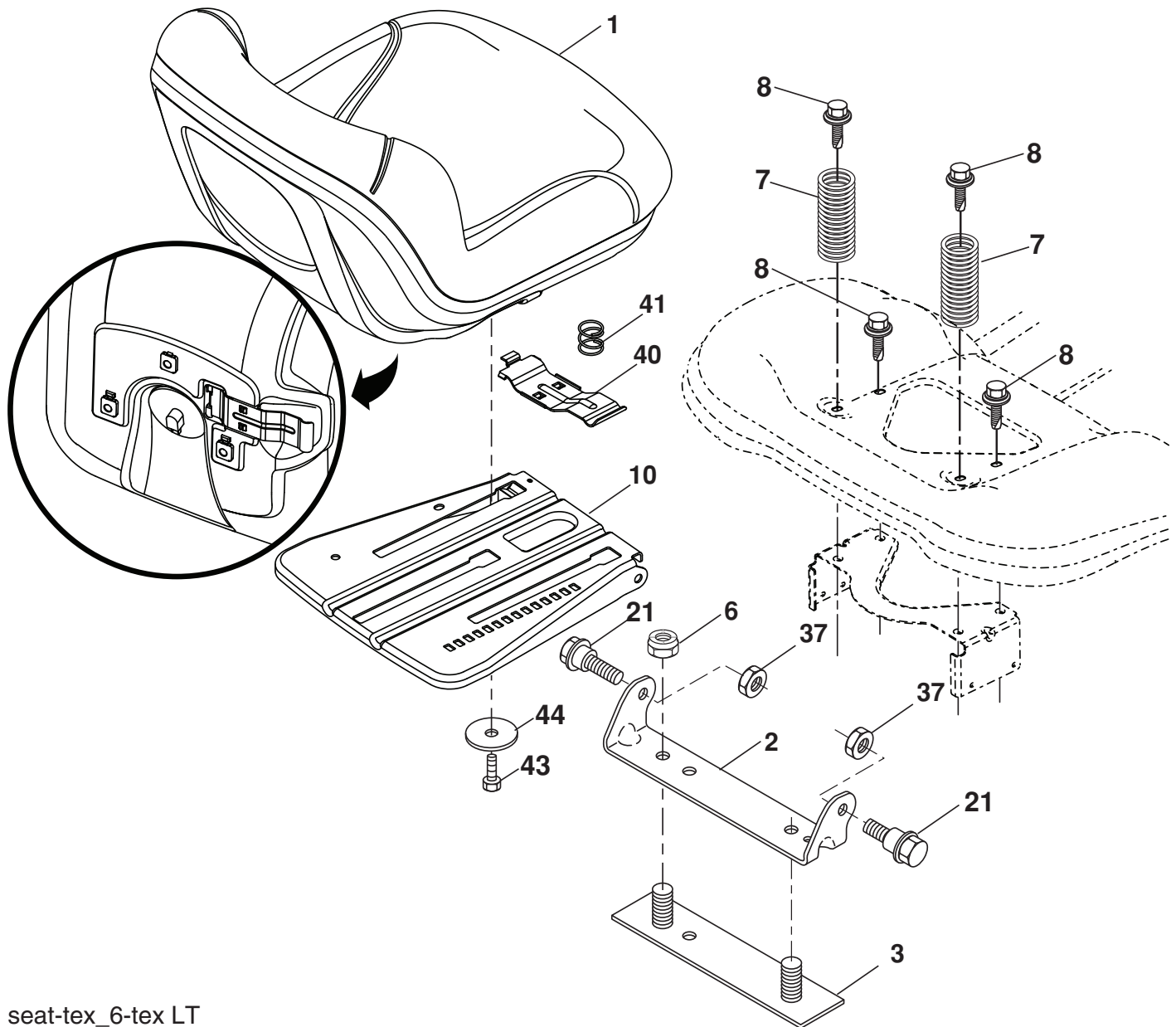
KEY NO.	PART NO.	DESCRIPTION
2	532 42 20-27	Shaft Asm., Lift
3	532 19 52-31	Lever Asm., Lift RH
7	532 41 15-55	Grip, Lever
10	532 19 63-14	Spring Torsion
87	532 19 42-09	Pin Cotter 7/16 Bow Tie Lock
89	819 19 19-12	Washer Clear Zinc
90	532 19 42-08	Pin Cotter 5/16 Bow Tie Lock
91	532 19 51-81	Link Asm Lift LH Rear

KEY NO.	PART NO.	DESCRIPTION
97	817 00 06-12	Screw Hex Wsh. THDR 3/8-16 x 3/4
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 FXD

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TRACTOR -- MODEL NUMBER LTH18538 (289600)

SEAT ASSEMBLY



seat-tex_6-tex LT

KEY NO.	PART NO.	DESCRIPTION
1	532 42 40-67	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

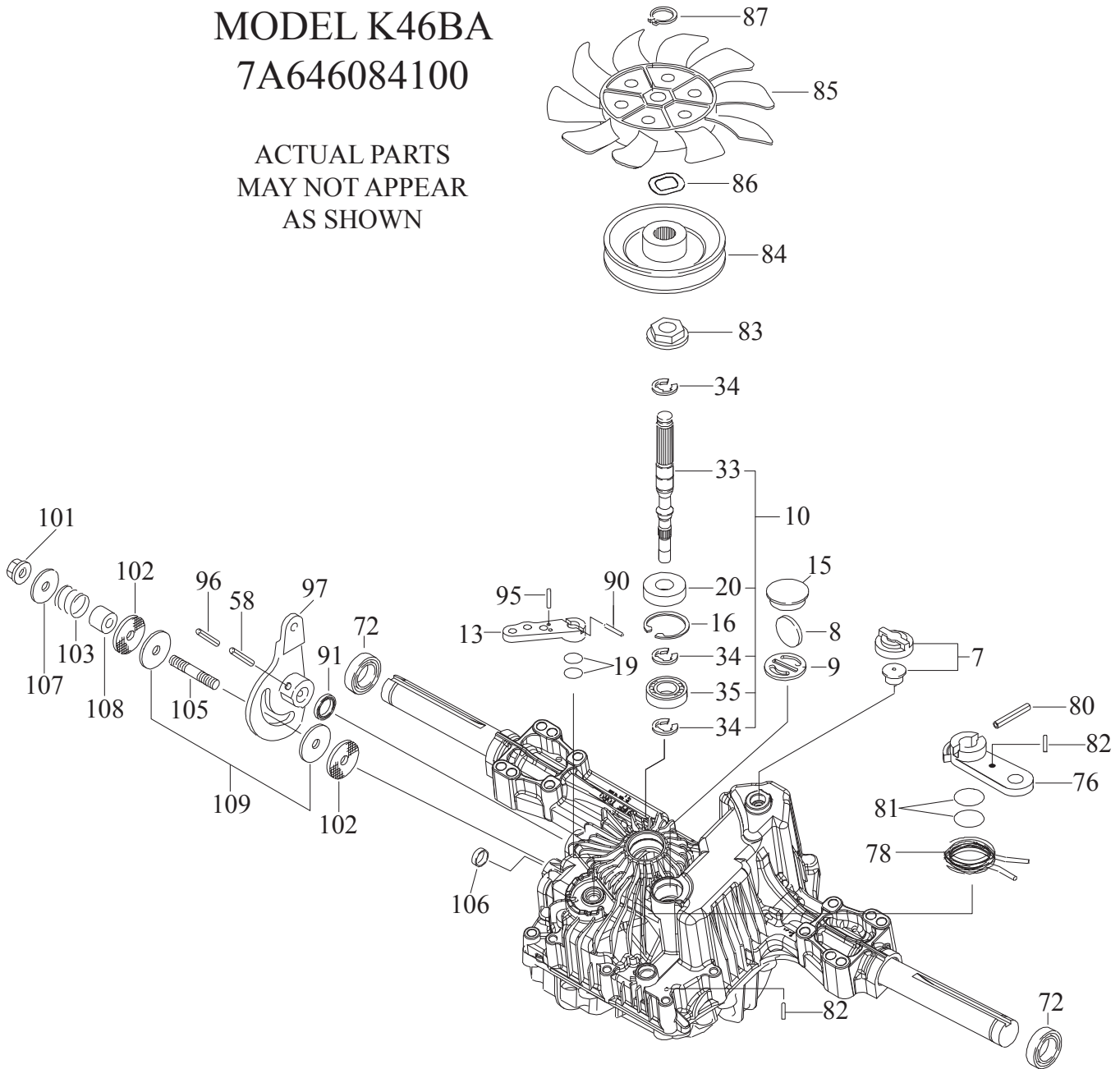
KEY NO.	PART NO.	DESCRIPTION
37	873 80 05-00	Nut, Lock 5/16-18 unc
40	532 19 76-61	Handle Slide Seat
41	532 19 82-00	Spring Latch Seat
43	874 76 06-12	Bolt Fin Hex 3/8-16 unc x 3/4
44	819 13 38-12	Washer 13/32 x 2-3/8 x 12 Ga.

NOTE: All component dimensions given in U.S. inches
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**TRACTOR - - MODEL NUMBER LTH18538 (289600)
TUFFTORQ TRANSAXLE MODEL NO. K46BA**

**MODEL K46BA
7A646084100**

ACTUAL PARTS
MAY NOT APPEAR
AS SHOWN



**TRACTOR - - MODEL NUMBER LTH18538 (289600)
TUFFTORQ TRANSAXLE MODEL NO. K46BA**

KEY NO.	PART NO.	DESCRIPTION
7	532 41 43-95	Vent Valve 15
8	532 41 43-96	Magnet
9	532 41 43-97	Magnet Holder
10	532 41 59-23	Pump Shaft/Bearing Kit
13	532 41 43-98	Bypass Lever
15	532 41 43-99	Sealing Cap 30
16	532 41 44-00	Snap Ring C 35
19	532 41 44-01	O-Ring 1a P10a
20	532 41 44-02	Seal Tc 153507
33	532 41 44-03	Pump Shaft (Standard
34	532 41 44-04	E-Ring 15
35	532 41 44-05	Bearing 6202c3
58	532 41 44-06	Roll Pin 6 * 40
72	532 41 44-07	Seal 19 * 32 * 8
76	532 41 44-08	Brake Lever
78	532 41 44-09	Brake Return Spring
80	532 41 44-10	Spring Pin 5 * 32
81	532 41 44-11	O-Ring 1a P12
82	532 41 44-12	Spring Pin 4 * 16
83	532 41 44-13	Spine Collar
84	532 41 44-14	Pulley L
85	532 41 44-15	Fan, Black
86	532 41 44-16	Wave Washer
87	532 41 44-17	Snap Ring
90	532 41 44-18	Spring Pin 3.0a * 20
91	532 41 44-19	Oil Seal 16 * 22 * 03
95	532 41 58-50	Spring Pin 3.0a * 16
96	532 41 44-20	Roll Pin 3.5 * 40
97	532 41 44-21	Control Lever
101	532 41 42-16	Lock Nut 10
102	532 41 44-23	Washer 10 * 40 * 4
103	532 41 44-24	Spring
105	532 41 44-25	Stud 10 * 60
106	532 41 44-26	Sealing Cap 18
107	532 41 44-27	Washer 10 * 36 * 2.8
108	532 41 44-28	Collar 10 * 20 * 17
109	532 41 44-29	Friction Plate Kit

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

TRACTOR - - MODEL NUMBER LTH18538 (289600)

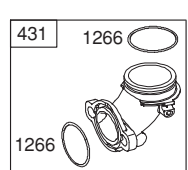
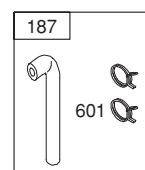
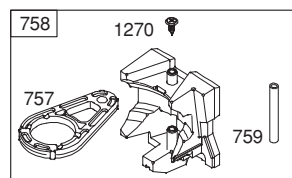
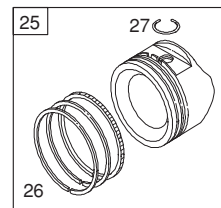
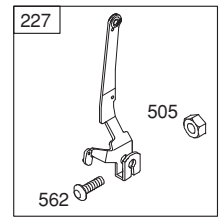
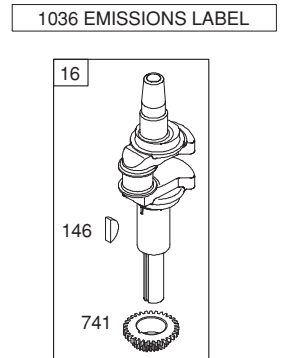
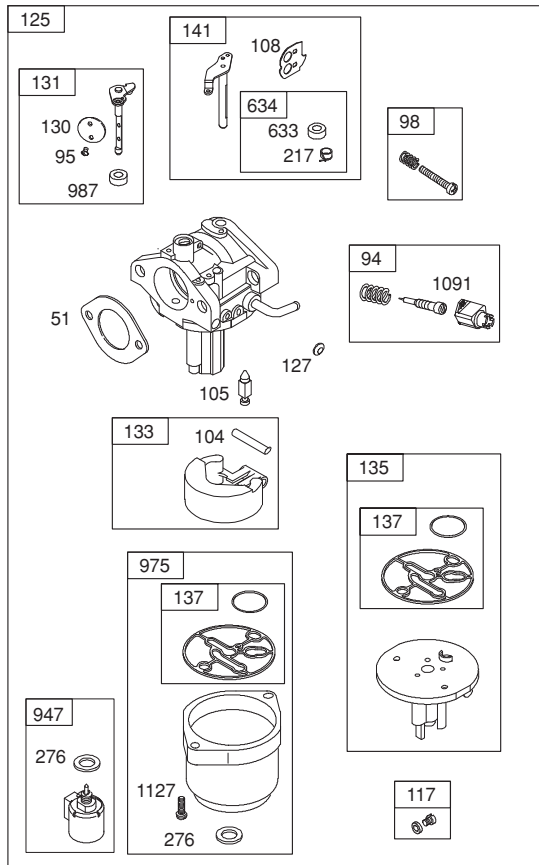
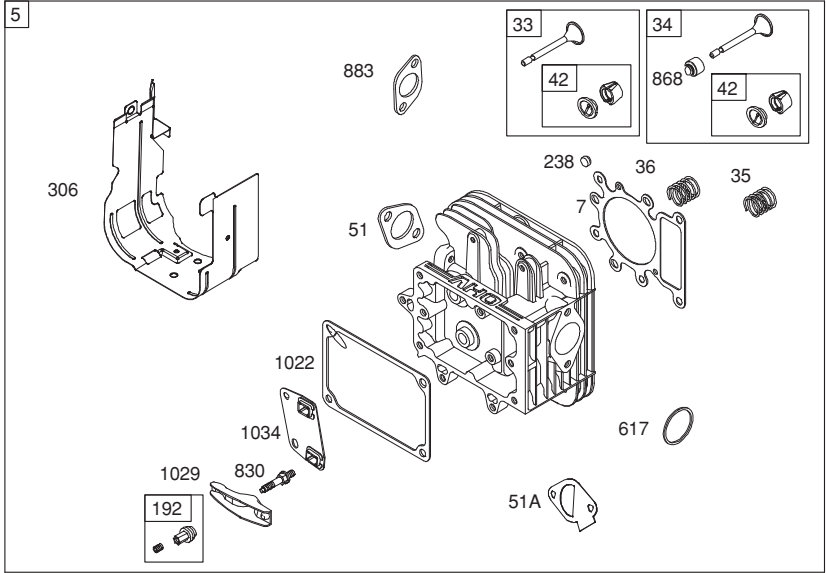
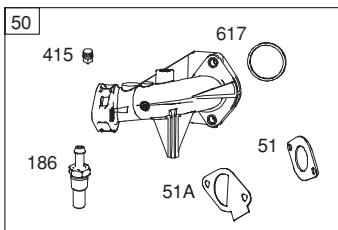
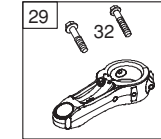
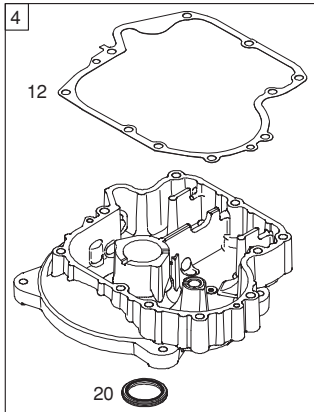
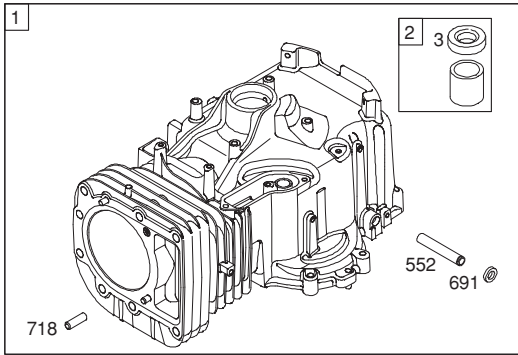
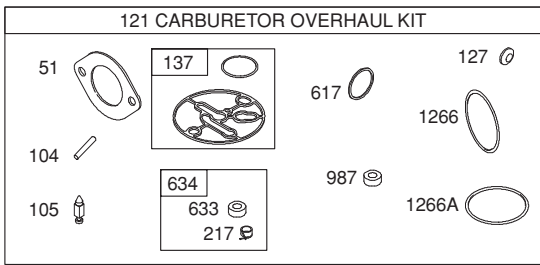
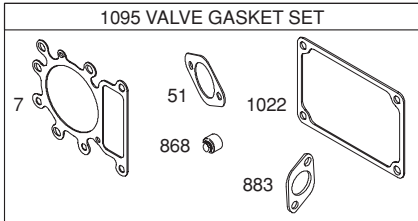
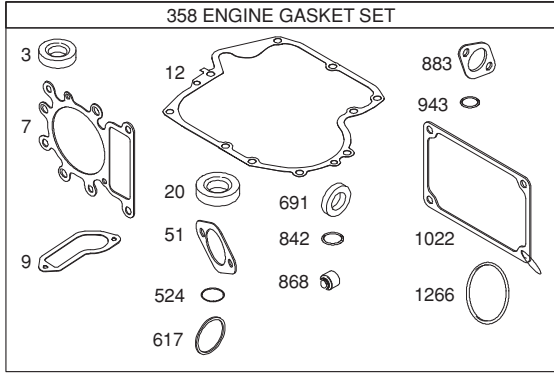
BRIGGS ENGINE - MODEL NUMBER 31N707, TYPE NUMBER 1374-B1

48 SHORT BLOCK

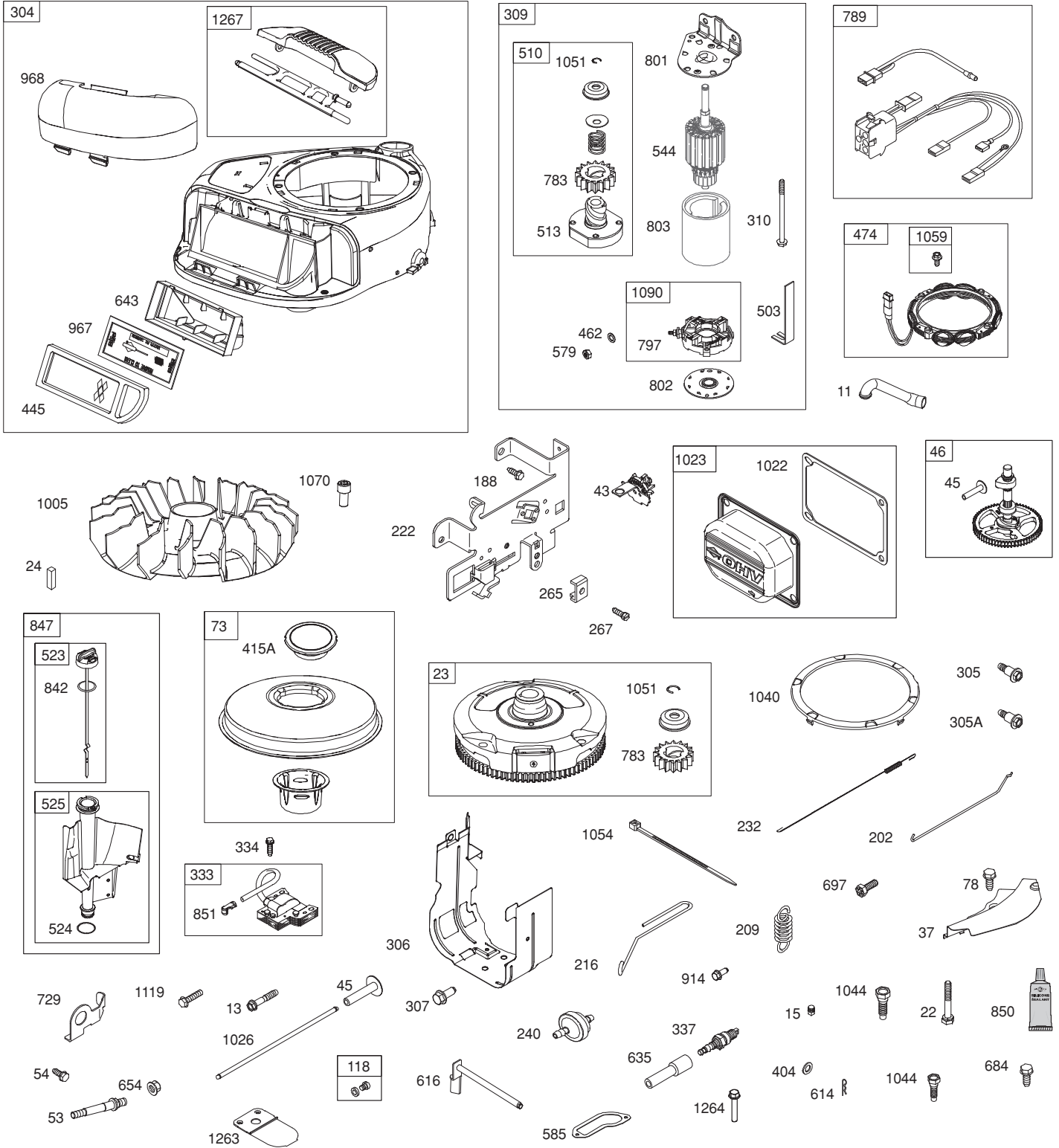
1036 EMISSIONS LABEL

1058 OPERATOR'S MANUAL

1329 REPLACEMENT ENGINE



TRACTOR - - MODEL NUMBER LTH18538 (289600) BRIGGS ENGINE - MODEL NUMBER 31N707, TYPE NUMBER 1374-B1



TRACTOR - - MODEL NUMBER LTH18538 (289600)
BRIGGS ENGINE - MODEL NUMBER 31N707, TYPE NUMBER 1374-B1

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	796010	Cylinder Assembly	131	699501	Kit-Throttle Shaft
2	399265	Bushing/SealKit (Magneto Side)	133	694914	Float-Carburetor
3	• 391086s	Seal-Oil (Magneto Side)	135	698780	Tube-Fuel Transfer
4	697106	Sump-Engine	137	♣ 698781	Gasket-Float Bowl
5	796025	Head-Cylinder	141	792777	Kit-Choke Shaft
7	♦ 796584	Gasket-Cylinder Head	146	691639	Key-Timing
11	794683	Tube-Breather	186	794873	Connector-Hose(Intak Manifold)
12	• 697110	Gasket-Crankcase	187	791805	Line-Fuel (Formed) (Cut to Required Length)
13	793988	Screw (Cylinder Head)	188	691693	Screw (Control Bracket)
15	690946	Plug-Oil Drain	192	691986	Adjuster-Rocker Arm
16	797579	Crankshaft	202	691841	Link-Mechanical Governor
20	• 795387	Seal-Oil (PTO Side)	209	692208	Spring-Governor (Green)
22	692125	Screw (Crankcase Cover/Sump)	216	691840	Link-Choke
23	698281	Flywheel	217	695409	Spring-Choke Return
24	222698s	Key-Flywheel	222	694042	Bracket-Control
25	796172	Piston Assembly (Standard)	227	691374	Lever-Governor Control
	796173	Piston Assembly (.020" Oversize)	232	691842	Spring-Governor Link
26	791936	Ring Set (Standard)	238	691843	Cap-Valve
	792649	Ring Set (.020" Oversize)	240	394358s	Filter-Fuel
27	698469	Lock-Piston Pin	265	691024	Clamp-Casing
28	796007	Pin-Piston	267	794904	Screw (Casing Clamp)
29	794122	Rod-Connecting	276	695410	Washer-Sealing
32	791118	Screw (Connecting Rod)	304	796416	Blower Housing
33	792868	Valve-Exhaust	305	697102	Screw (Blower Housing) (Long)
34	791935	Valve-Intake	305A	793376	Screw (Blower Housing) (Short)
35	691279	Spring-Valve (Intake)	306	796006	Shield-Cylinder
36	691279	Spring-Valve (Exhaust)	307	691003	Screw (Cylinder Shield)
37	697352	Guard-Flywheel	309	693551	Motor-Starter
42	499586	Keeper-Valve	310	690323	Screw (Starter Motor)
43	691968	Slinger-Governor/Oil	324	796308	Screen/Cup Assembly
45	690564	Tappet-Valve	333	795315	Armature-Magneto
46	793880	Gear-Cam	334	691061	Screw (Magneto Armature)
48	697761	Short Block	337	491055s	Plug-Spark
50	796180	Manifold-Intake	358	796187	Gasket Set-Engine
51	♦♣ 692137	Gasket-Intake	404	691691	Washer (Governor Crank)
51A	796081	Gasket-Intake	415	690283	Plug (Intake Manifold)
53	690227	Stud (Carburetor)	415A	794129	Plug (Cover/Retainer)
54	691148	Screw (Intake Manifold)	431	697122	Elbow-Intake
78	691003	Screw (Flywheel Guard)	445	698083	Filter-Air Cleaner Cartridge
94	793610	Kit-Idle Mixture	462	691261	Washer (Starter Cable)
95	690718	Screw (Throttle Valve)	474	696459	Alternator
98	695408	Kit-Idle Speed	503	691532	Strap-Starter
104	♣ 694918	Pin-Float Hinge	505	691251	Nut (Governor Control Lever)
105	♣ 696136	Valve-Float Needle	510	693699	Drive-Starter
108	695419	Valve-Choke	513	692024	Clutch-Drive
117	843099	Jet-Main (Standard)	523	699908	Dipstick
118	790890	Jet-Main (High Altitude)	524	• 691032	Seal-Dipstick Tube
121	796184	Kit-Carburetor Overhaul	525	697184	Tube-Dipstick
125	796109	Carburetor	544		Armature-Starter (Order Starter Motor, Reference 309, 693551 , for replacement)
127	♣ 690727	Plug-Welch			
130	699500	Valve-Throttle	552	697144	Bushing-Governor Crank

TRACTOR - - MODEL NUMBER LTH18538 (289600)
BRIGGS ENGINE - MODEL NUMBER 31N707, TYPE NUMBER 1374-B1

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
562	691119	Screw (Governor Control Lever)	1023	797421	Cover-Rocker
579	691029	Nut (Starter Cable)	1026	692003	Rod-Push (Intake)
584	794682	Cover-Breather Passage (Use with Liquid Sealant, Reference 850)		692011	Rod-Push (Exhaust)
			1029	691751	Arm-Rocker
585	• 697109	Gasket-Breather Passage	1034	690822	Guide-Push Rod
601	791850	Hose-Clamp (Green)	1036		Label-Emissions (Available from a Briggs & Stratton Authorized Dealer)
614	691620	Pin-Cotter			
616	692012	Crank-Governor	1040	698368	Plate-Trim
617	♣ 692138	Seal-O Ring (Intake Manifold) (Red)	1044	698139	Screw (Flywheel)
			1051	691265	Ring-Retaining
633	699813	Seal-Choke/Throttle Shaft (Choke Shaft)	1054	280275	Tie-Cable
			1059	698516	Kit-Screw/Washer
634	♣ 698779	Spring/Seal Assembly (Choke Shaft)	1070	690363	Screw (Flywheel Fan)
			1090	691293	Retainer-Brush
635	691909	Boot-Spark Plug	1091	691333	Cap-Limiter
643	698401	Retainer-Air Filter	1095	794152	Gasket Set-Valve
654	690958	Nut (Carburetor)	1119	691183	Screw (Alternator)
684	697157	Screw (Breather Assembly)	1127	695407	Screw (Float Bowl)
691	• 692407	Seal-Governor Shaft	1263	697124	Reed-Breather
718	690959	Pin-Locating	1264	697104	Screw (Breather Reed)
724	697478	Link-Starter Switch	1266	♣ 691917	Seal-O Ring (Intake Elbow) (Red)
729	691224	Clip-Wire			
741	697128	Gear-Timing	1266A	♣ 697123	Seal-O Ring (Intake Elbow)
757	793242	Link-Counterweight	1267	697419	Latch-Blower Housing
758	793763	Counterweight	1270	793243	Plug-AVS Counterweight
759	697392	Pin-Counterweight	1329	31N707-1374-B1	Replacement Engine
783	693713	Gear-Pinion	1330	272147	Repair Manual
789	698329	Harness-Wiring			
797	693167	Nut (Brush Retainer)			
801	691283	Cap-Drive			
802	691286	Cap-End			
803		Housing-Starter (Order Starter Motor, Reference 309, 693551 , for replacement)			
830	691095	Stud-Rocker Arm			
842	• 691031	Seal-O Ring (Dipstick Tube)			
847	790442	Dipstick/Tube Assembly			
850	100106	Sealant-Liquid (Liquid Sealant is interchangeable with Breather Passage Gasket and/or Rocker Cover Gasket)			
851	692424	Terminal-Spark Plug			
868	♦• 690968	Seal-Valve			
883	• 692236	Gasket-Exhaust			
914	697551	Screw (Rocker Cover)			
947	699915	Solenoid-Fuel			
967	697015	Filter-Pre Cleaner			
968	698403	Cover-Air Cleaner			
975	699502	Bowl-Fuel			
987	♣ 698777	Seal-Throttle Shaft			
1005	796083	Fan-Flywheel			
1022	♦• 272475s	Gasket-Rocker Cover			

- Engine Gasket Set Key No. 358
- ♦ Valve Gasket Set Key No. 1095
- ♣ Carburetor Overhaul Kit Key No. 121

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

SERVICE NOTES

SUGGESTED GUIDE FOR SIGHTING SLOPES FOR SAFE OPERATION

