# Repair Parts Manual
# IPL Manual

## LTH18538/250170

Please read the operator's manual carefully and make sure you understand the instructions before using the machine.

Por favor lea cuidadosamente y comprenda estas intrucciones antes de usar esta maquina.

English

532 44 82-26

# HOW TO USE THIS MANUAL

This manual is designed to provide the customer with a means to identify the parts on his/her tractor when ordering repair parts. The illustrations may or may not represent the actual assemblies; therefore, it is not recommended to use this manual as a guide to assemble or disassemble the tractor. Some hardware and parts are drawn larger in order to more readily identify them.

Each tractor has its own model number.

The model number for your tractor can be found on the fender under the seat.

When ordering parts, always give the following information:

- Product - “TRACTOR”
- MODEL NUMBER - “**LTH18538 "** (**250170**)”
- Part Number
- Part Description

## TABLE OF CONTENTS


**SCHEMATIC** ..... **3**
**ELECTRICAL** ..... **4-5**
**CHASSIS** ..... **6-7**
**DRIVE** ..... **8-9**
**ENGINE** ..... **10-11**
**STEERING** ..... **12-13**
**MOWER DECK** ..... **14-15**
**MOWER LIFT** ..... **16**
**SEAT** ..... **17**
**DECALS** ..... **18**
**ENGINE BREAKDOWN** ..... **19-23**
**TRANSAXLE BREAKDOWN** ..... **24**


# COMO UTILIZAR ESTE MANUAL

Este manual está diseñado para brindarle al comprador un medio para identificar las piezas del tractor para cuando necesite hacer el pedido de un repuesto. Las ilustraciones pueden o no representar los ensambles reales; por lo tanto, no se recomienda utilizar este manual como una guía para ensamblar o desarmar el tractor. Algunos accesorios y piezas están dibujados en tamaños más grandes para identificarlos con mayor facilidad.

Cada tractor tiene su propio número de modelo.

El número de modelo del tractor se encuentra en el guardabarros debajo del asiento.

Cuando haga el pedido de una pieza, siempre brinde la siguiente información:

- Producto: ”TRACTOR”
- NÚMERO DE MODELO: “**LTH18538 "** (**250170**)”
- Número de pieza
- Descripción de la pieza

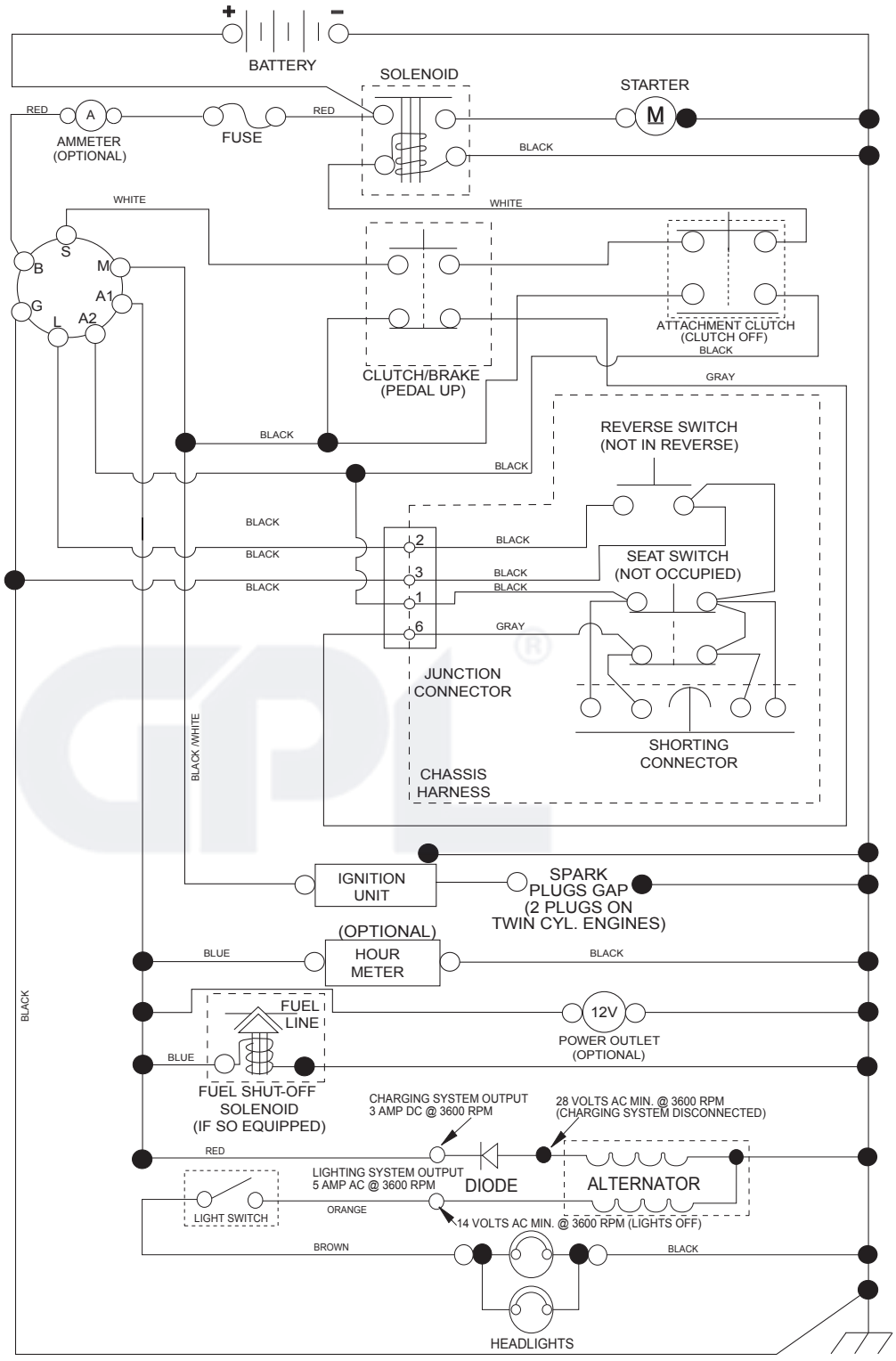
## ÍNDICE


**DIAGRAMA** ..... **25**
**DIAGRAMA ELÉCTRICO** ..... **26-27**
**CHASIS** ..... **28-29**
**TRANSMISIÓN** ..... **30-31**
**MOTOR** ..... **32-33**
**DIRECCIÓN** ..... **34-35**
**PLATAFORMA DE LA CORTADORA DE CÉSPED** ..... **36-37**
**ELEVACIÓN DE LA CORTADORA DE CÉSPED** ..... **38**
**ASIENTO** ..... **39**
**CALCOMANÍAS** ..... **40**
**MOTOR DESCOMPOSTUR** ..... **41-45**
**TRANSEJE DESCOMPOSTURA** ..... **46**

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

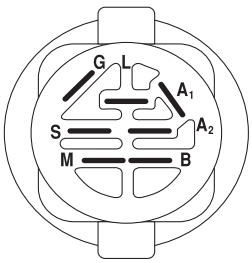
## SCHEMATIC

SCH11



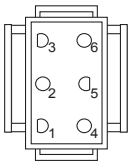

NOTE

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.

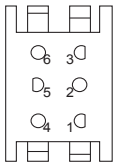



IGNITION SWITCH

| 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)

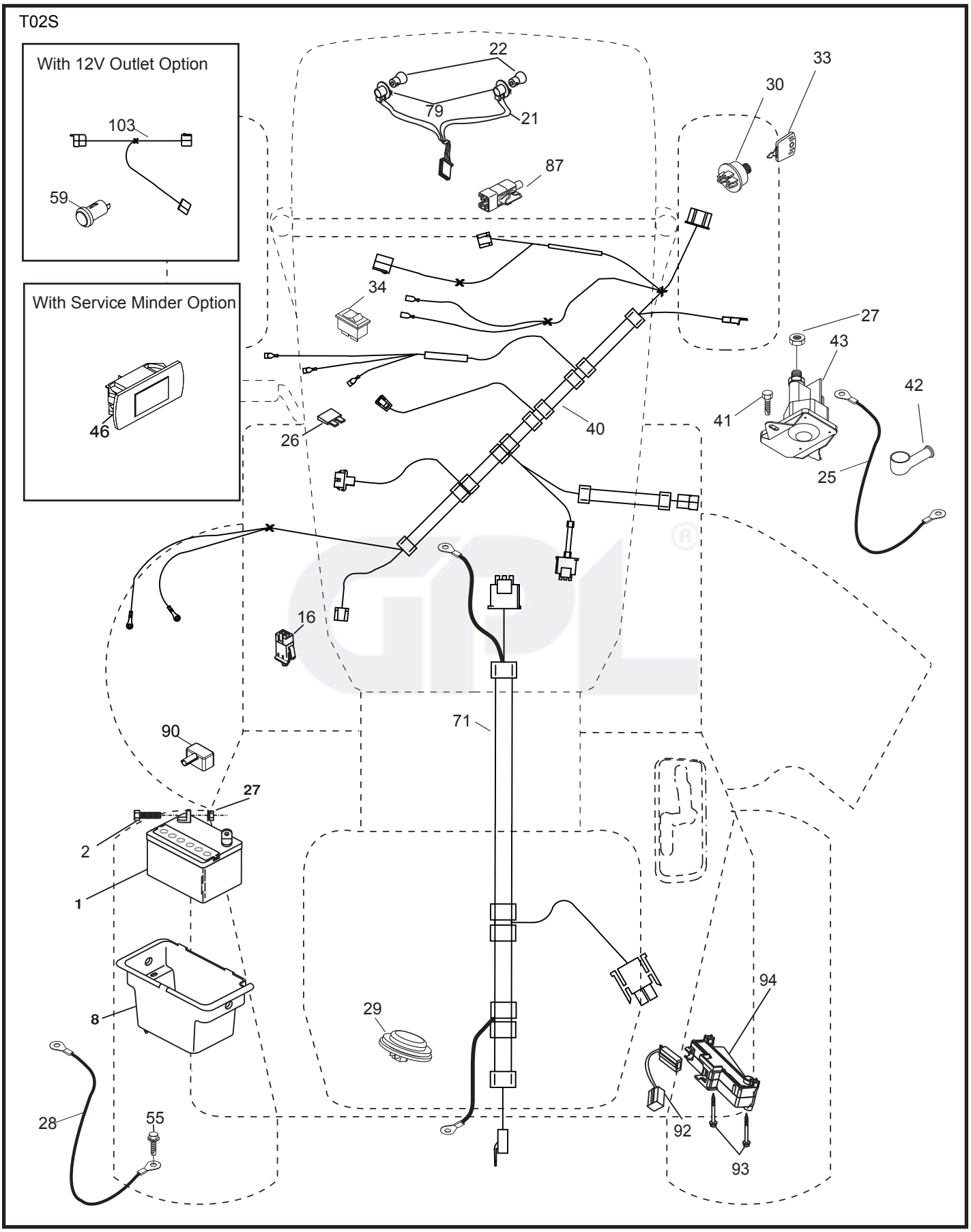
WIRING INSULATED CLIPS NOTE: IF WIRING INSULATED CLIPS WERE REMOVED FOR SERVICING OF UNIT, THEY SHOULD BE RE-INSTALLED TO PROPERLY SECURE YOUR WIRING.

NON-REMOVABLE CONNECTIONS

REMOVABLE CONNECTIONS

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## ELECTRICAL



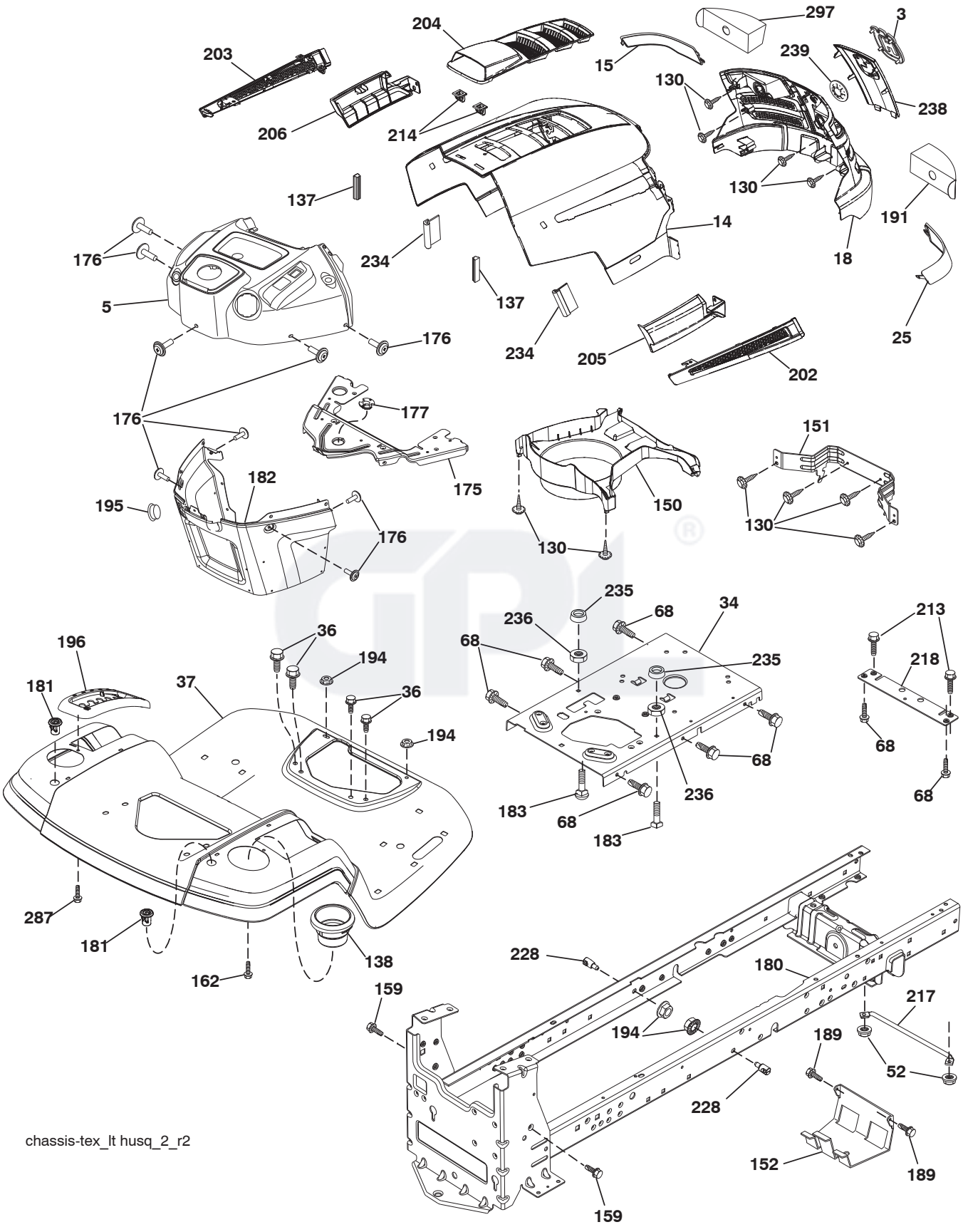
## ELECTRICAL

| 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 19-33 | 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 44 15-44 | Harness Ign. Chassis/Lift |
| 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 |
| 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
1 inch = 25.4 mm

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## CHASSIS




chassis-tex_lt husq_2_r2

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

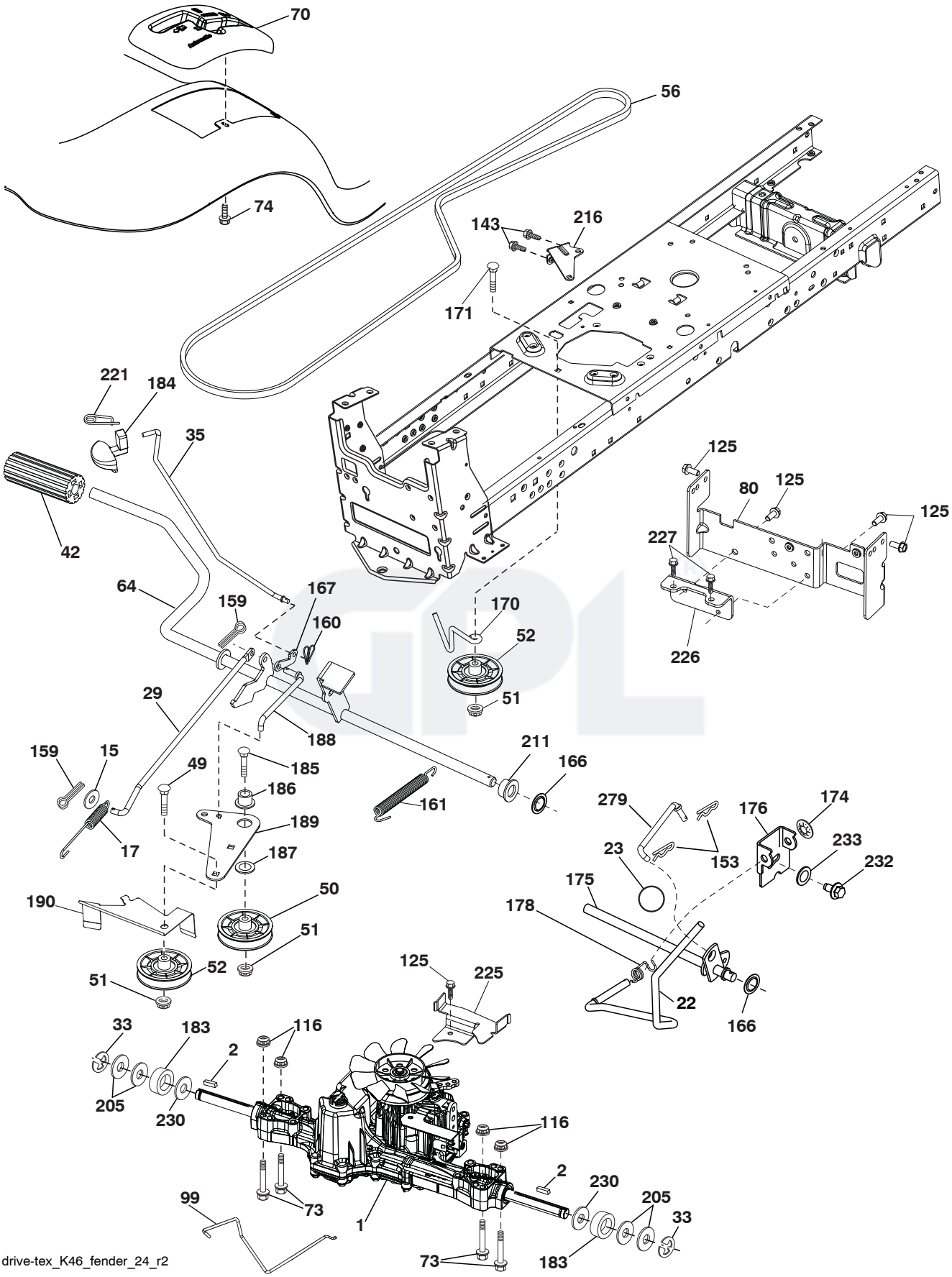
## CHASSIS

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 3 | 532 40 50-12 | Logo |
| 5 | 532 43 89-64 | 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 | 532 44 72-53 | Plate Engine |
| 36 | 817 06 05-12 | Screw 5/16-18 x 3/4 |
| 37 | 532 44 12-66 | Fender |
| 52 | 873 68 05-00 | Nut Crown Lock 5/16 |
| 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 Hexwash Thor 3/8-16 x 3/4 |
| 162 | 532 14 24-32 | Screw |
| 175 | 532 19 94-72 | Crossmember Plate |
| 176 | 532 40 07-76 | Screw 10-24 x 5/8 |
| 177 | 532 19 52-28 | Bushing Steering |
| 180 | 532 19 54-57 | Chassis |
| 181 | 532 43 97-46 | 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 |
| 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 |
| 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 |
| 287 | 817 60 04-06 | Screw Hex Washead 1/4-20 x 3/8 |
| 297 | 532 40 66-65 | Insert reflective LH |

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

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## DRIVE



# TRACTOR - - MODEL NUMBER LTH18538 (250170)

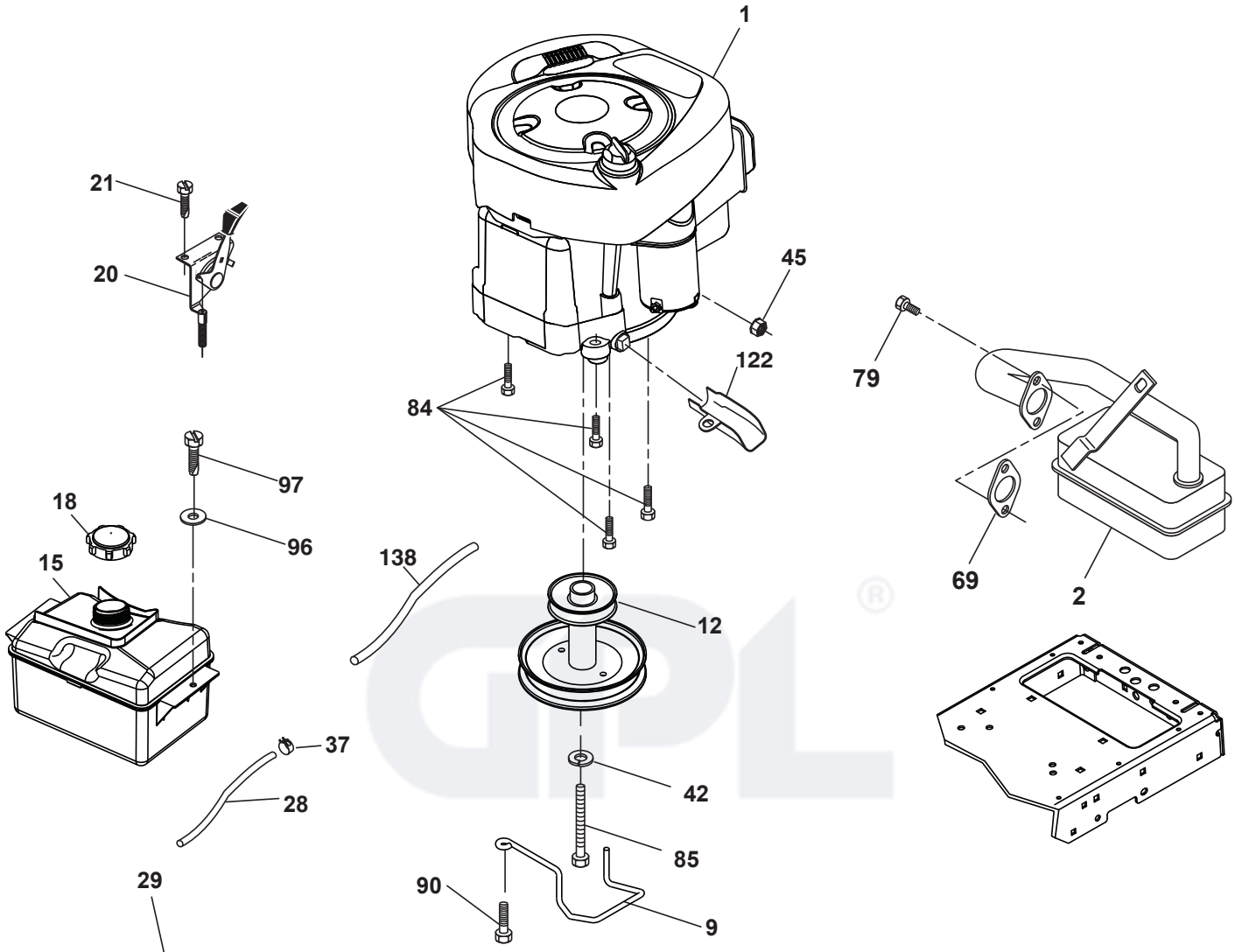
## DRIVE

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | – – – – – – – | Transaxle, Tufftorq K46BA (408214) (See transaxle breakdown.) |
| 2 | 532 12 35-83 | Key Square |
| 15 | 819 13 13-16 | Washer 13/32 x 13/16 x 16 Ga. |
| 17 | 532 41 36-78 | Spring, Brake |
| 22 | 532 19 76-60 | Rod Shift |
| 23 | 532 14 08-45 | Knob |
| 29 | 532 40 38-06 | Rod, Brake |
| 33 | 812 00 00-01 | Ring E |
| 35 | 532 40 10-31 | Rod, Brake, Park |
| 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 13 09-69 | V-Belt, Drive |
| 64 | 532 19 62-00 | Shaft Asm. Pedal Brake Control |
| 70 | 532 43 99-71 | Console |
| 73 | 874 49 05-40 | Bolt Hex 5/16-18 x 2-1/2 Gr. 5 |
| 74 | 532 14 24-32 | Screw 1/4 x 1/2 |
| 80 | 532 44 06-19 | Strap Torque |
| 99 | 532 41 57-42 | Rod Spring 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 |
| 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 |
| 166 | 532 42 91-64 | Nut Push .625 |
| 167 | 532 40 52-57 | Latch Brake Parking |
| 170 | 532 19 43-22 | Keeper Belt Centerspan |
| 171 | 872 11 06-16 | Bolt 3/8-16 unc x 2 |
| 174 | 532 19 72-89 | Nut Push |
| 175 | 532 40 62-08 | Shaft Asm Shift |
| 176 | 532 19 62-14 | Arm Clevis Rod Shift |
| 178 | 532 19 74-56 | Spring Shift |
| 183 | 532 13 70-57 | Spacer Axle |
| 184 | 532 44 14-07 | 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 |
| 205 | 532 12 17-48 | Washer 25/32 x 1-5/8 x 16 Ga. |
| 211 | 532 19 62-12 | Bushing Shaft |
| 216 | 532 19 61-31 | Bracket Pulley Idler |
| 221 | 532 40 31-87 | Retainer Spring Clip Handle |
| 225 | 532 40 33-19 | Keeper Belt Transaxle |
| 226 | 532 40 15-64 | Bracket Mount Torque |
| 227 | 817 49 05-12 | Screw 5/16-18 x 3/4 |
| 230 | 532 18 89-67 | Washer Harden .793 x 1.637 x 060 |
| 232 | 874 78 07-16 | Bolt 7/16-14 x 1 Gr 5 |
| 233 | 532 40 52-96 | Washer Serrated |
| 279 | 532 40 62-07 | Link Shift |

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

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## ENGINE




**OPTIONAL EQUIPMENT**

**Spark Arrester**

engine-tex_BS_65

## ENGINE

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | – – – – – – – | Engine Briggs Model No. 31N707-3374-G5 (438208) (See engine breakdown.) |
| 2 | 532 13 73-52 | Muffler |
| 9 | 532 19 43-20 | Keeper Belt Engine |
| 12 | 532 40 54-71 | Pulley Engine |
| 15 | 532 43 30-03 | Tank Fuel |
| 18 | 532 43 85-96 | 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 |
| 138 | 532 41 41-19 | Purge Line |

**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:

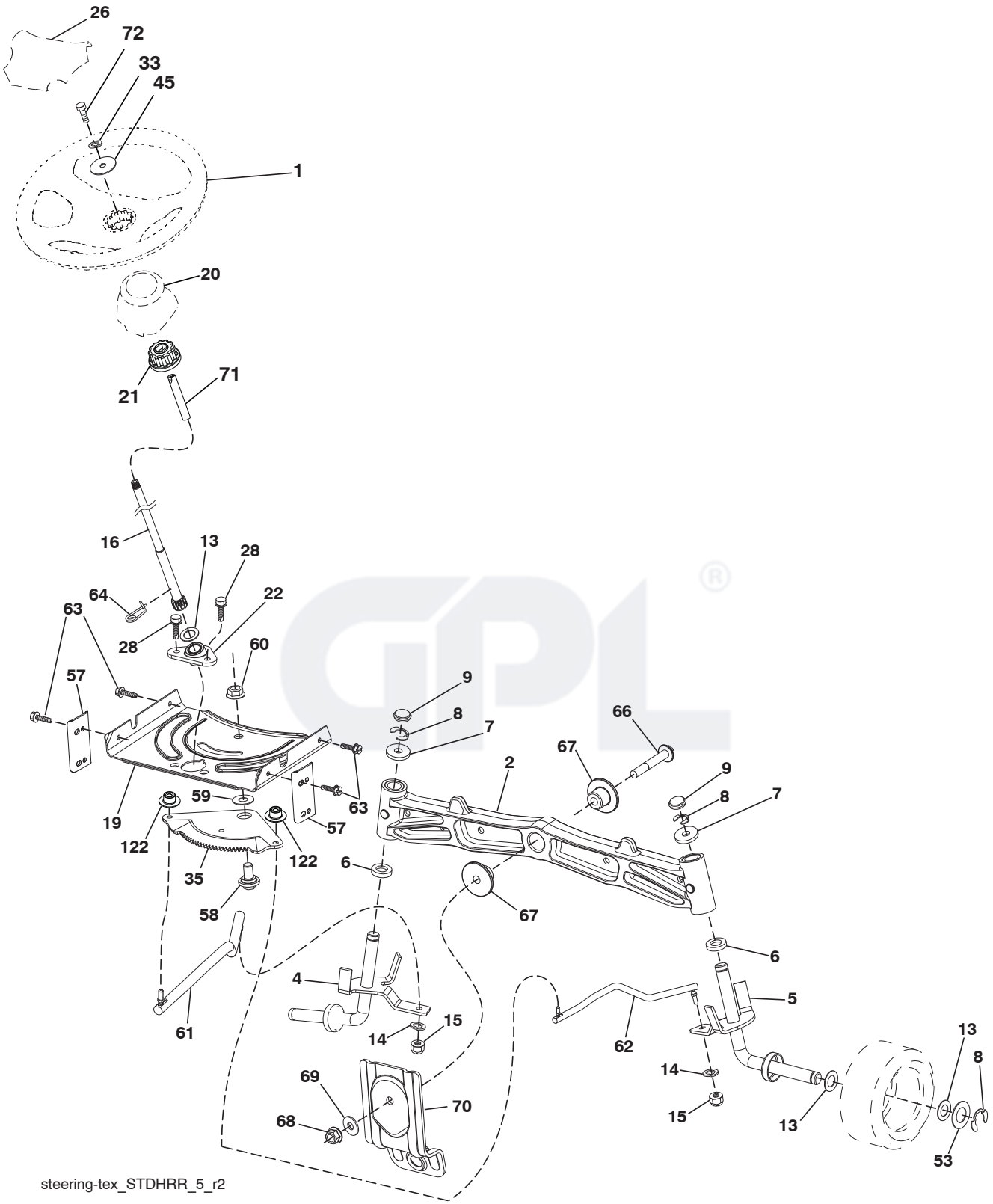
Briggs & Stratton 1-800-233-3723

**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 NUMBER LTH18538 (250170)

## STEERING ASSEMBLY



# TRACTOR - - MODEL NUMBER LTH18538 (250170)

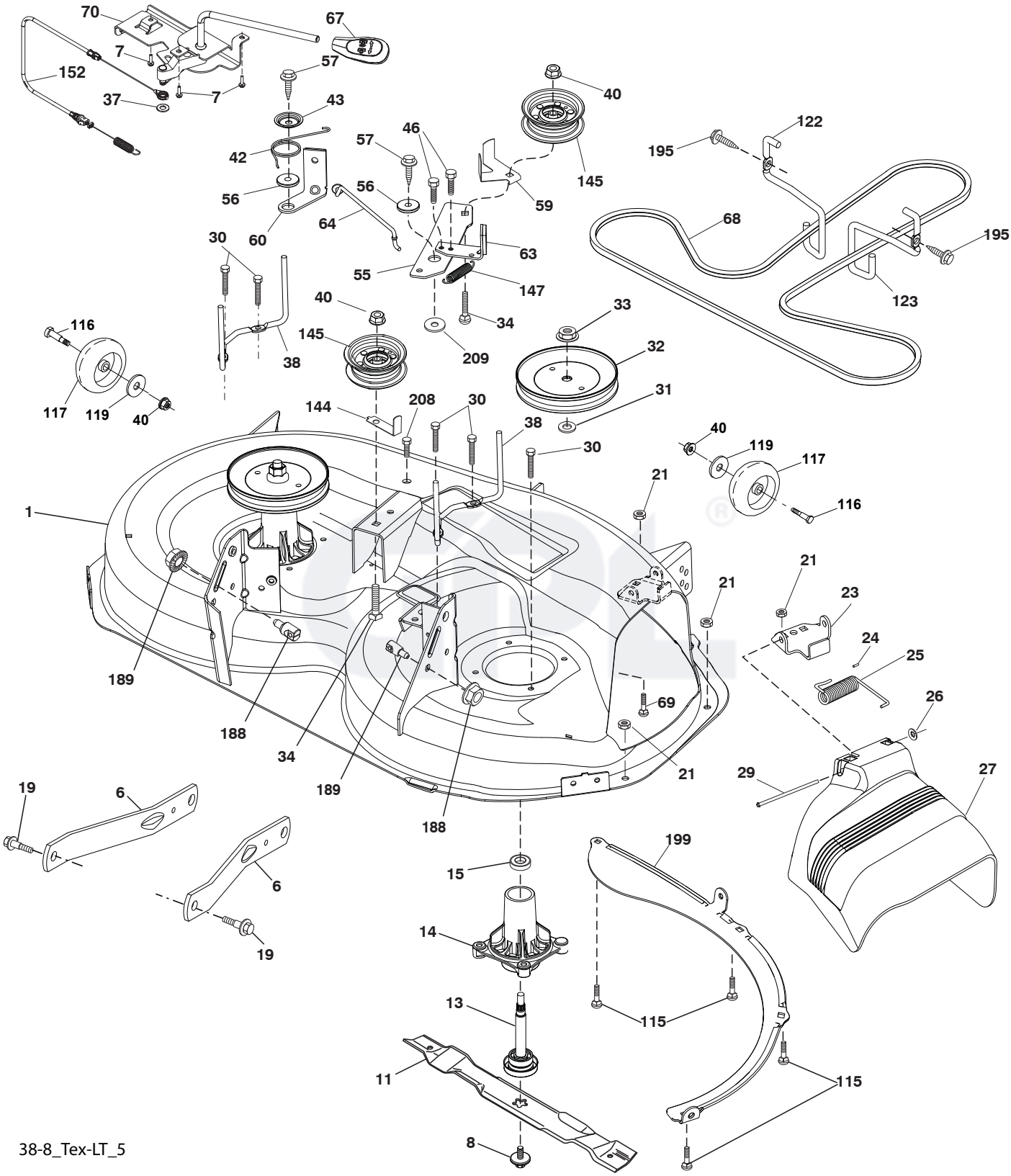
## STEERING ASSEMBLY

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 532 43 99-97 | 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 44 14-25 | Boot Steering |
| 21 | 532 18 67-37 | Adapter, Wheel Steering |
| 22 | 532 42 05-37 | Strg. Supt. Lower |
| 26 | 532 43 97-43 | 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 |
| 122 | 532 44 49-62 | Cap Gear Sector |

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

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## MOWER DECK



# TRACTOR - - MODEL NUMBER LTH18538 (250170)

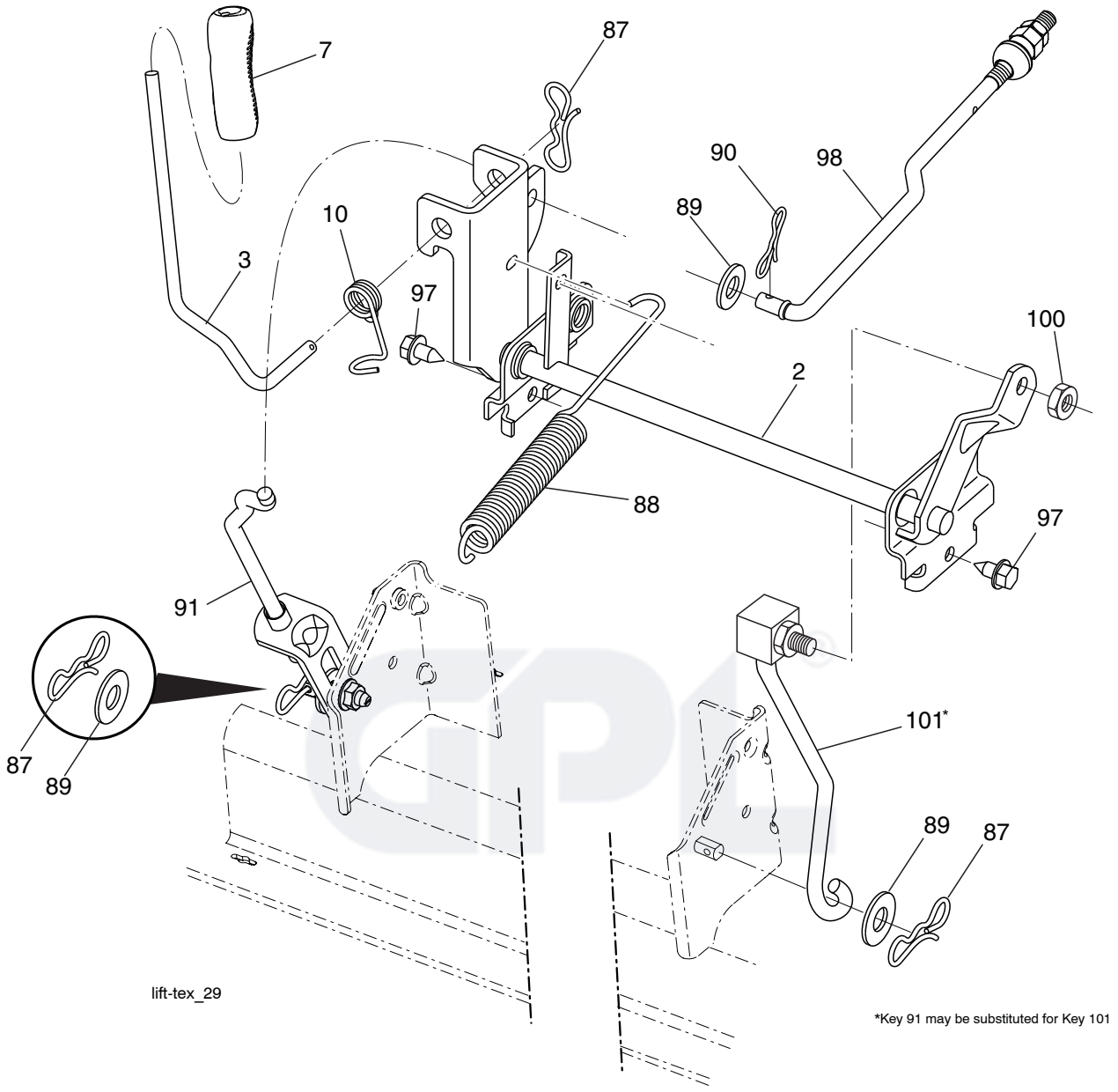
## MOWER DECK

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 532 44 45-33 | Mower Housing |
| 6 | 532 19 51-86 | Arm Suspension |
| 7 | 532 41 63-58 | Screw #10 x 0.750 BOS Thread |
| 8 | 532 19 30-03 | Bolt/Washer asm 7/16-20 unf |
| 11 | 532 19 39-57 | Blade 38" 3N1 PREMIUM |
| 13 | 532 19 28-72 | Shaft Assembly, Mandrel |
| 14 | 532 18 72-81 | Housing, Mandrel |
| 15 | 532 11 04-85 | Bearing, Ball, 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 19 39-68 | Shield, Deflector |
| 29 | 532 13 14-91 | Rod, Hinge |
| 30 | 532 17 39-84 | Screw Thdrol Rolling Wsh Hd |
| 31 | 532 18 76-90 | Washer, Spacer |
| 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 |
| 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 |
| 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 LH |
| 63 | 532 19 94-70 | Arm Brake Mower RH |
| 64 | 532 19 99-18 | 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 |
| 115 | 872 11 05-05 | Bolt Carr. 5/16-18 x 5/8 |
| 116 | 532 12 48-42 | Bolt, Shoulder |
| 117 | 532 18 86-06 | Wheel, Gauge |
| 119 | 819 12 14-14 | Washer 3/8 x 7/8 x 14 Ga. |
| 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 |
| 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 |
| 208 | 817 67 06-08 | Screw Thdrol 3/8-16 x 1/2 |
| 209 | 819 13 32-10 | Washer 13/32 x 2 x 10 |
| - - | 532 19 28-70 | Mandrel Assembly (Includes housing, shaft assembly, and bearing only - pulley/nut/washer and blade bolt/washers not included) |
| - - | 532 41 07-16 | Replacement Mower, Complete |

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

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## MOWER LIFT

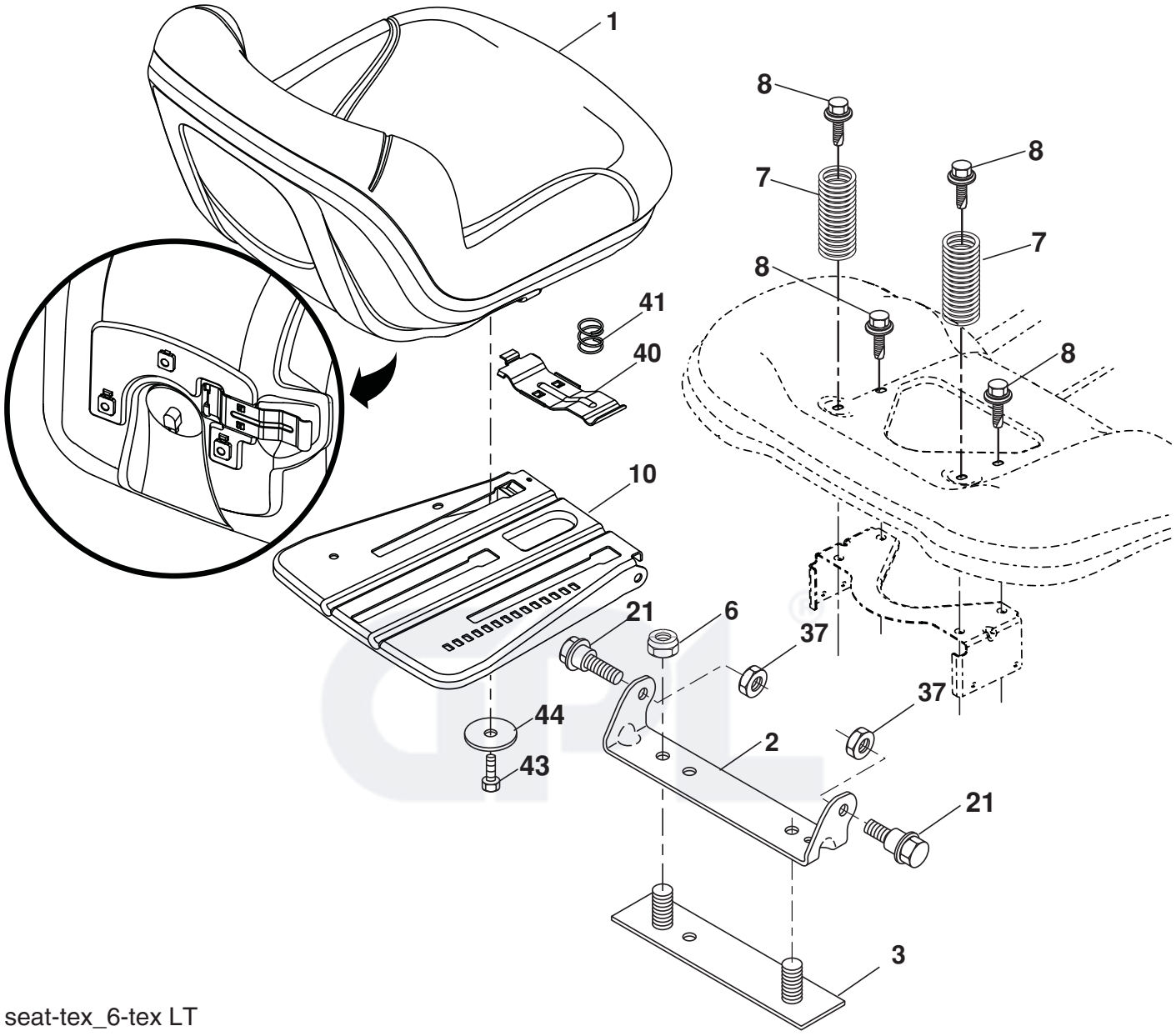



| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 2 | 532 42 20-27 | Shaft Asm., Lift |
| 3 | 532 19 52-31 | Lever Asm., Lift RH |
| 7 | 532 41 15-55 | Grip, Lever |
| 10 | 532 19 63-14 | Spring Torsion |
| 87 | 532 19 42-09 | Pin Cotter 7/16 Bow Tie Lock |
| 89 | 819 19 19-12 | Washer Clear Zinc |
| 88 | 532 41 07-10 | Spring |
| 90 | 532 19 42-08 | Pin Cotter 5/16 Bow Tie Lock |

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 91 | 532 19 51-81 | Link Asm Lift LH Rear |
| 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 |

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

## SEAT ASSEMBLY




seat-tex_6-tex LT

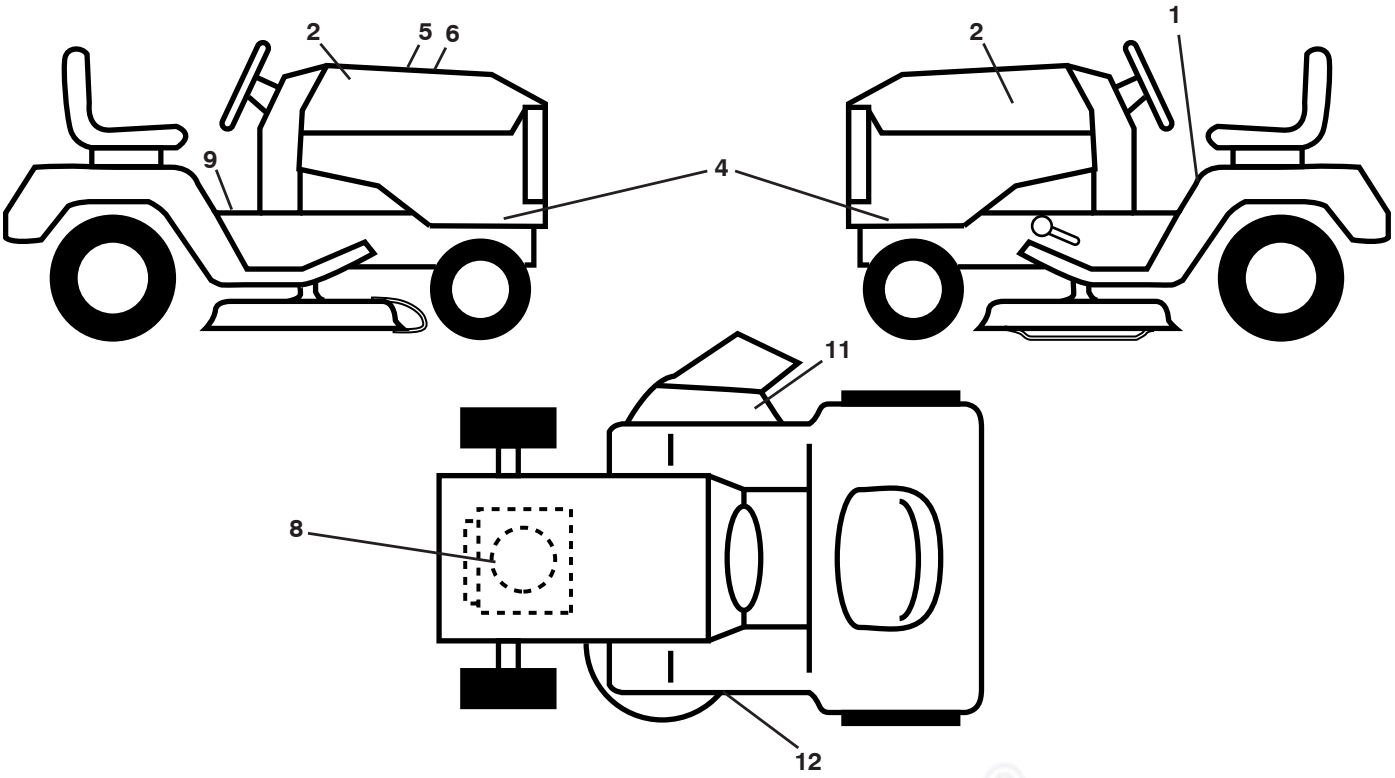
| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 532 43 98-19 | Seat |
| 2 | 532 18 01-66 | Bracket Pivot Fender |
| 3 | 532 14 06-75 | Strap, Asm Fender |
| 6 | 873 80 06-00 | Nut, Lock w/Ins. 3/8-16 unc |
| 7 | 532 12 41-81 | Spring, Seat Cprsn |
| 8 | 532 17 18-77 | Bolt 5/16-18 unc x 3/4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

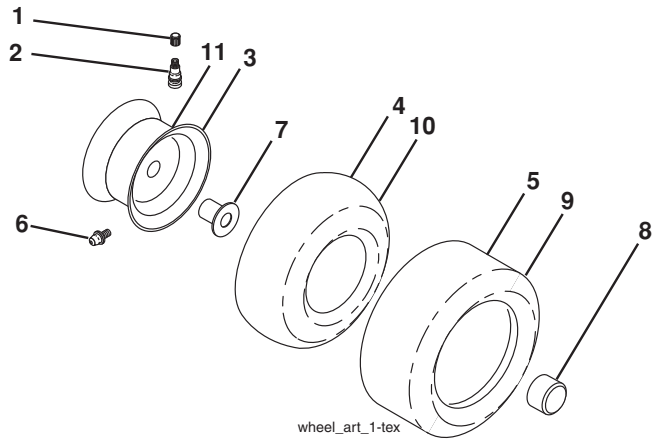
# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## DECALS




| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 532 41 16-57 | Decal, Fender Warn./Instructions |
| 2 | 532 42 91-96 | Decal, Hood Logo |
| 4 | 532 44 08-52 | Decal, Hood Panel |
| 5 | 532 42 38-29 | Decal, Customer Respons. |
| 6 | 532 44 70-07 | Decal, Replacement |
| 8 | 532 43 10-93 | Decal, Engine |
| 9 | 532 14 50-05 | Decal, Battery Dnge/Poi |
| 11 | 532 17 05-63 | Decal, Warning |
| 12 | 532 19 43-02 | Decal, Mower V-Belt Schematic |
| - - | 532 16 69-60 | Decal, Bypass |
| - - | 532 43 96-81 | Pad, Footrest, LH |
| - - | 532 43 99-66 | Pad, Footrest, RH |
| - - | 532 44 82-25 | Manual, Operator's (English/Spanish) |
| - - | 532 44 82-26 | Manual, Parts (English/Spanish) |

## WHEELS AND TIRES



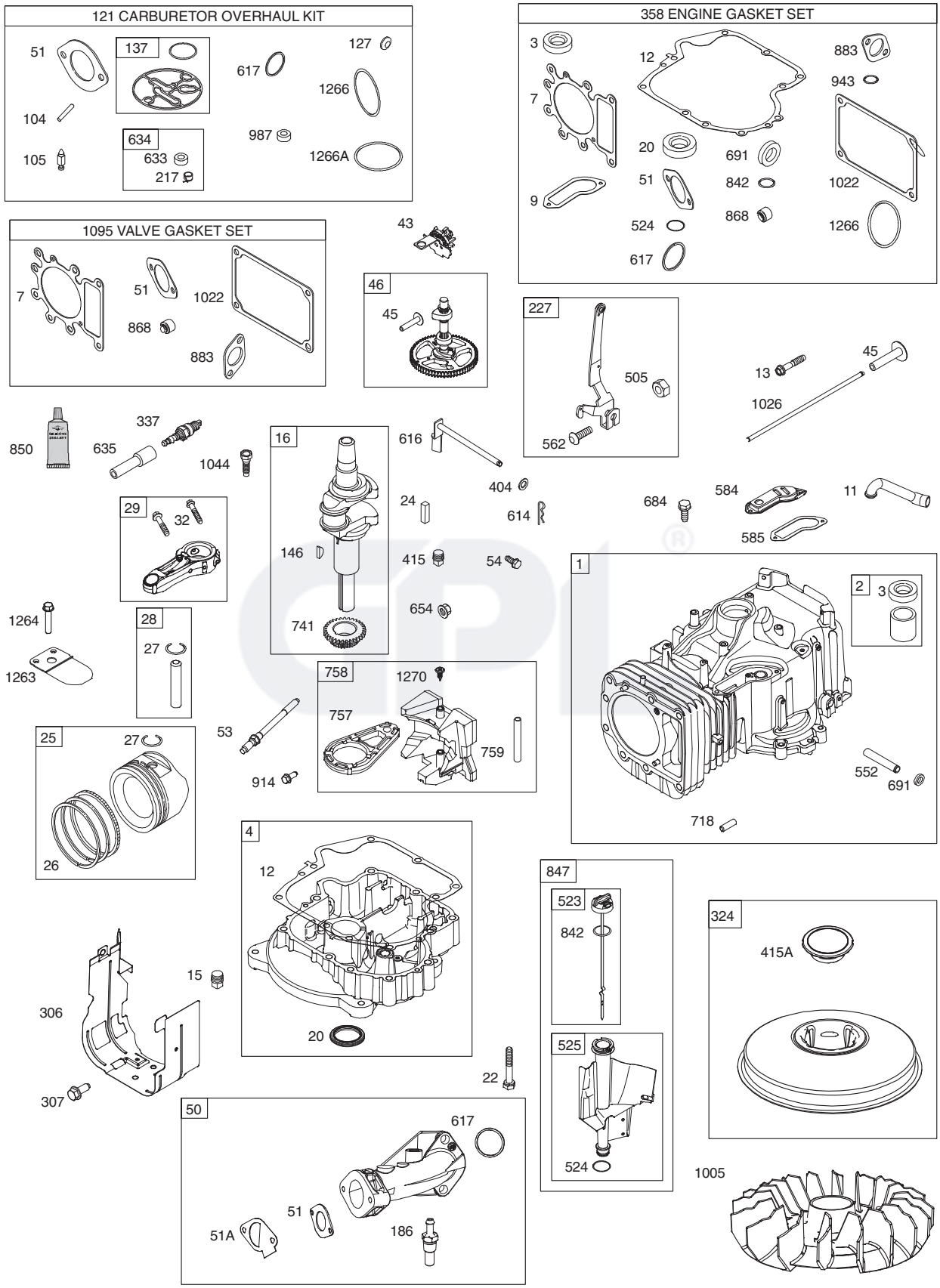

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 532 05 91-92 | Cap Valve Tire |
| 2 | 532 06 51-39 | Stem Valve |
| 3 | 532 13 83-36 | Rim Asm 6" Front |
| 4 | 532 05 99-04 | Tube Front (Service Item Only) |
| 5 | 532 10 62-22 | Tire Front 15 x 6.0-6 |
| 6 | 532 12 49-57 | Fitting Grease (Front 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 13 84-68 | Tire R. 20 x 8-8 C. Service |
| 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 (250170)

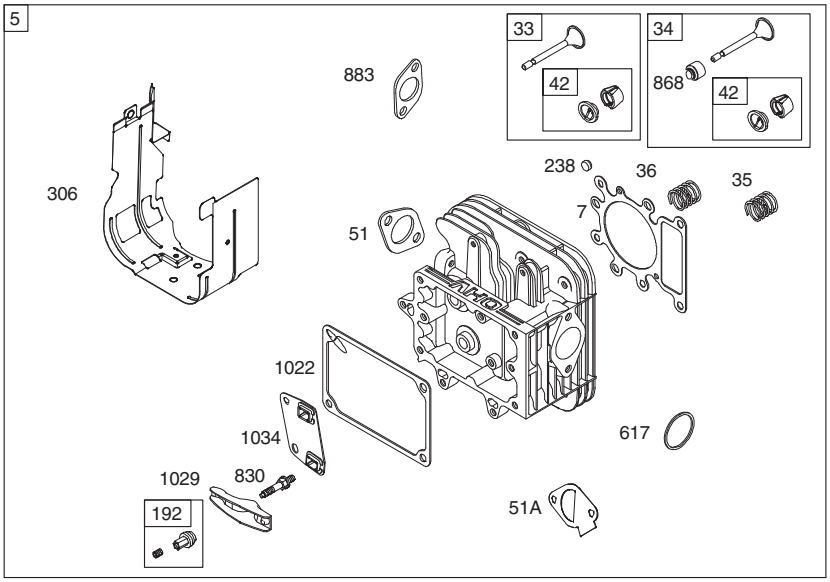
## B&S ENGINE MODEL 31N707-3374-G5

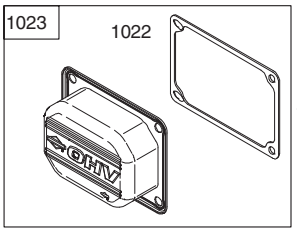
48 SHORT BLOCK | 1036 EMISSIONS LABEL | 1058 OPERATOR'S MANUAL | 1329 REPLACEMENT ENGINE

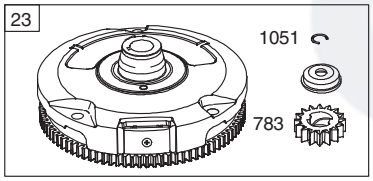


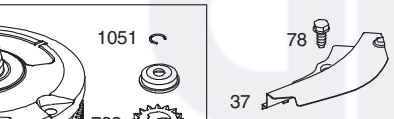
# TRACTOR - - MODEL NUMBER LTH18538 (250170)

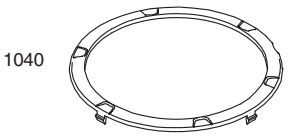
## B&S ENGINE MODEL 31N707-3374-G5

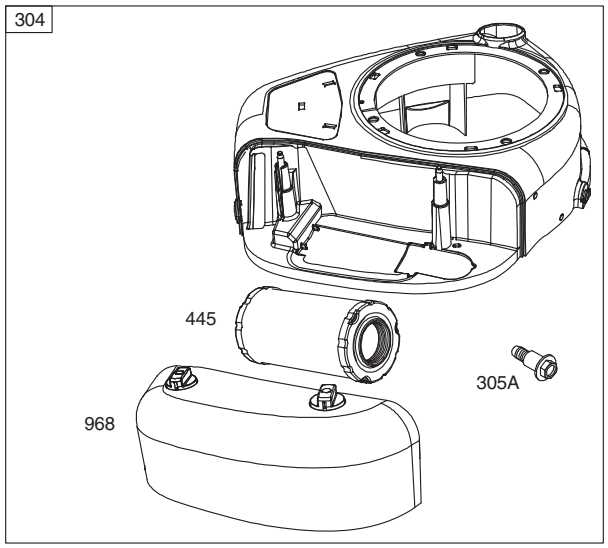


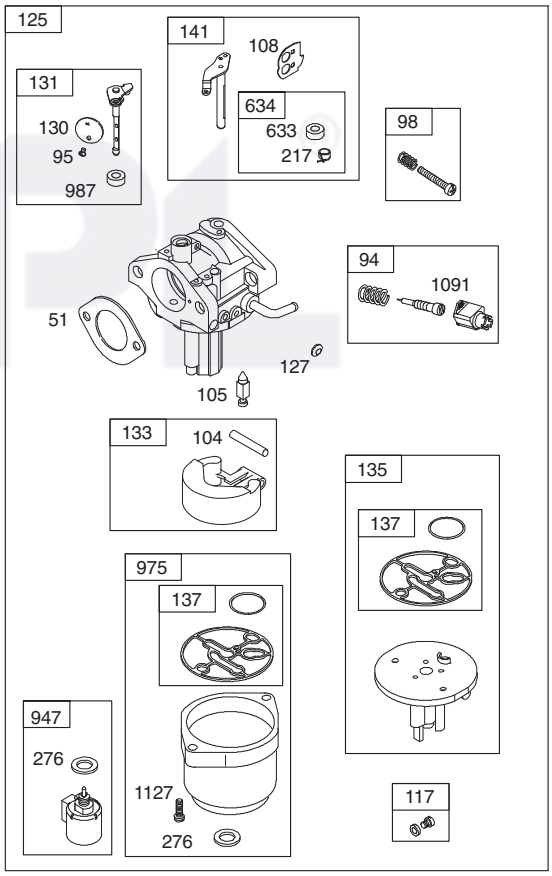



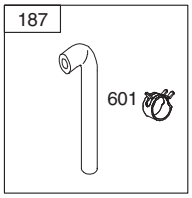


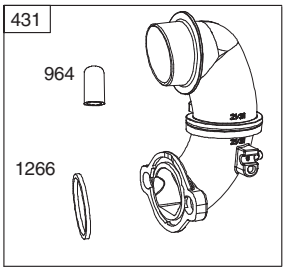



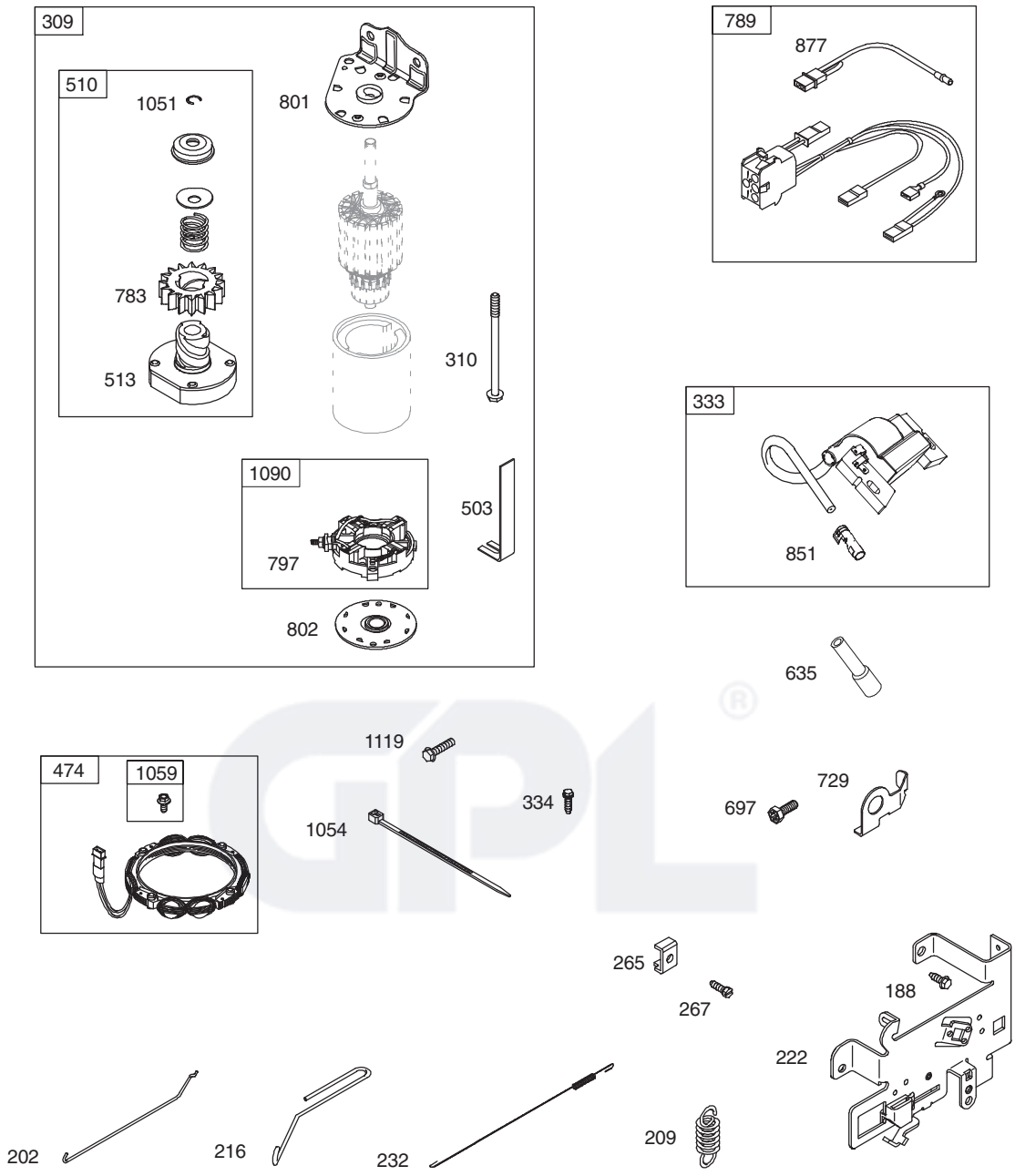



# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## B&S ENGINE MODEL 31N707-3374-G5



# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## B&S ENGINE MODEL 31N707-3374-G5

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | 796010 | Cylinder Assembly |
| 2 | 797673 | Bushing/Seal Kit (Magneto Side) |
| 3 | 391086s | Seal-Oil (Magneto Side) |
| 4 | 697106 | Sump-Engine |
| 5 | 796026 | Head-Cylinder |
| 7 | 796584 | Gasket-Cylinder Head |
| 11 | 794683 | Tube-Breather |
| 12 | 697110 | Gasket-Crankcase |
| 13 | 793988 | Screw (Cylinder Head) |
| 15 | 690946 | Plug-Oil Drain |
| 16 | 797579 | Crankshaft |
| 20 | 795387 | Seal-Oil (PTO Side) |
| 22 | 692125 | Screw (Crankcase Cover/Sump) |
| 23 | 698281 | Flywheel |
| 24 | 96335 | Key-Flywheel (Steel) |
| 25 | 796172 | Piston Assembly (Standard) |
| | 796173 | Piston Assembly (.020” Oversize) |
| 26 | 791936 | Ring Set (Standard) |
| | 792649 | Ring Set (.020” Oversize) |
| 27 | 698469 | Lock-Piston Pin |
| 28 | 796007 | Pin-Piston |
| 29 | 794122 | Rod-Connecting |
| 32 | 791118 | Screw (Connecting Rod) |
| 33 | 792868 | Valve-Exhaust |
| 34 | 791935 | Valve-Intake |
| 35 | 691279 | Spring-Valve (Intake) |
| 36 | 691279 | Spring-Valve (Exhaust) |
| 37 | 697352 | Guard-Flywheel |
| 42 | 499586 | Keeper-Valve |
| 43 | 691968 | Slinger-Governor/Oil |
| 45 | 690564 | Tappet-Valve |
| 46 | 793880 | Gear-Cam |
| 48 | 697761 | Short Block |
| 50 | 591248 | Manifold-Intake |
| 51 | 692137 | Gasket-Intake |
| 51A | 796081 | Gasket-Intake |
| 53 | 591260 | Stud (Carburetor) |
| 54 | 691148 | Screw (Intake Manifold) |
| 78 | 691693 | Screw (Flywheel Guard) |
| 94 | 793610 | Kit-Idle Mixture |
| 95 | 690718 | Screw (Throttle Valve) |
| 98 | 695408 | Kit-Idle Speed |
| 104 | 694918 | Pin-Float Hinge |
| 105 | 696136 | Valve-Float Needle |
| 108 | 695419 | Valve-Choke |
| 117 | 843099 | Jet-Main (Standard) |
| 118 | 790890 | Jet-Main (High Altitude) |
| 121 | 796184 | Kit-Carburetor Overhaul |
| 125 | 796109 | Carburetor |
| 127 | 690727 | Plug-Welch |
| 130 | 699500 | Valve-Throttle |
| 131 | 699501 | Kit-Throttle Shaft |
| 133 | 694914 | Float-Carburetor |
| 135 | 698780 | Tube-Fuel Transfer |
| 137 | 698781 | Gasket-Float Bowl |
| 141 | 792777 | Kit-Choke Shaft |
| 146 | 691639 | Key-Timing |
| 186 | 794873 | Connector-Hose (Intake Manifold) |
| 187 | 791805 | Line-Fuel (Formed) (Cut to Required Length) |
| 188 | 691693 | Screw (Control Bracket) |
| 192 | 691986 | Adjuster-Rocker Arm |
| 202 | 691841 | Link-Mechanical Governor |
| 209 | 692208 | Spring-Governor (Green) |
| 216 | 691840 | Link-Choke |
| 217 | 695409 | Spring-Choke Return |
| 222 | 694042 | Bracket-Control |
| 227 | 691374 | Lever-Governor Control |
| 232 | 691842 | Spring-Governor Link |
| 238 | 691843 | Cap-Valve |
| 240 | 394358s | Filter-Fuel |
| 265 | 691024 | Clamp-Casing |
| 267 | 794904 | Screw (Casing Clamp) |
| 276 | 695410 | Washer-Sealing |
| 304 | 797900 | Blower Housing |
| 305 | 697102 | Screw (Blower Housing) (1/4-20x1.14) |
| 305A | 799370 | Screw (Blower Housing) (1/4-20x.90) |
| 305B | 795891 | Screw (Blower Housing) (BlowerHousing to Carburetor Elbow) (10-16x.43) |
| 306 | 796006 | Shield-Cylinder |
| 307 | 691693 | Screw (Cylinder Shield) |
| 309 | 693551 | Motor-Starter |
| 310 | 690323 | Screw (Starter Motor) |
| 324 | 796309 | Screen/Cup Assembly |
| 333 | 799650 | Armature-Magneto |
| 334 | 691061 | Screw (Magneto Armature) |
| 337 | 491055s | Plug-Spark |
| 358 | 796187 | Gasket Set-Engine |
| 404 | 691691 | Washer (Governor Crank) |
| 415 | 690283 | Plug |
| 415A | 794129 | Plug (Cover/Retainer) |
| 431 | 797901 | Elbow-Intake |
| 445 | 796031 | Filter-Air Cleaner Cartridge |
| 474 | 696459 | Alternator |
| 503 | 691532 | Strap-Starter |
| 505 | 691251 | Nut (Governor Control Lever) |
| 510 | 693699 | Drive-Starter |
| 513 | 692024 | Clutch-Drive |
| 523 | 699908 | Dipstick |
| 524 | 691032 | Seal-Dipstick Tube |
| 525 | 697184 | Tube-Dipstick |
| 552 | 697144 | Bushing-Governor Crank |
| 562 | 691119 | Screw (Governor Control Lever) |
| 584 | 794682 | Cover-Breather Passage |
| 585 | 697109 | Gasket-Breather Passage |
| 601 | 791850 | Hose-Clamp (Green) |
| 614 | 691620 | Pin-Cotter |
| 616 | 692012 | Crank-Governor |
| 617 | 692138 | Seal-O Ring (Intake Manifold) (Red) |
| 633 | 699813 | Seal-Choke/Throttle Shaft (Choke Shaft) |
| 634 | 698779 | Spring/Seal Assembly (Choke Shaft) |
| 635 | 691909 | Boot-Spark Plug |
| 654 | 690958 | Nut (Carburetor) |
| 684 | 697157 | Screw (Breather Assembly) |
| 691 | 692407 | Seal-Governor Shaft |
| 697 | 791680 | Screw (Drive Cap) |
| 718 | 690959 | Pin-Locating |
| 724 | 697478 | Link-Starter Switch |
| 729 | 691224 | Clip-Wire |
| 741 | 697128 | Gear-Timing |
| 757 | 793242 | Link-Counterweight |
| 758 | 793763 | Counterweight |
| 759 | 697392 | Pin-Counterweight |

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## B&S ENGINE MODEL 31N707-3374-G5

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 783 | 693713 | Gear-Pinion |
| 789 | 698329 | Harness-Wiring |
| 797 | 693167 | Nut (Brush Retainer) |
| 801 | 691283 | Cap-Drive |
| 802 | 691286 | Cap-End |
| 830 | 691095 | Stud-Rocker Arm |
| 842 | 691031 | Seal-O Ring (Dipstick) |
| 847 | 790442 | Dipstick/Tube Assembly |
| 850 | 100106 | Sealant-Liquid |
| 851 | 692424 | Terminal-Spark Plug |
| 868 | 690968 | Seal-Valve |
| 877 | 790544 | Wire/Connector-Alternator |
| 883 | 692236 | Gasket-Exhaust |
| 914 | 697551 | Screw (Rocker Cover) |
| 947 | 699915 | Solenoid-Fuel |
| 964 | 799159 | Cap-Connector |
| 968 | 698403 | Cover-Air Cleaner |
| 975 | 699502 | Bowl-Fuel |
| 987 | 698777 | Seal-Throttle Shaft |
| 1005 | 796083 | Fan-Flywheel |
| 1022 | 272475s | Gasket-Rocker Cover |
| 1023 | 797421 | Cover-Rocker |
| 1026 | 692003 | Rod-Push (Intake) |
| | 692011 | Rod-Push (Exhaust) |
| 1029 | 691751 | Arm-Rocker |
| 1034 | 690822 | Guide-Push Rod |
| 1036 | | Label-Emissions (Available from a B & S Authorized Dealer) |
| 1040 | 698368 | Plate-Trim |
| 1044 | 698139 | Screw (Flywheel) |
| 1051 | 691265 | Ring-Retaining |
| 1054 | 280275 | Tie-Cable |
| 1058 | 276344TRI | Operator's Manual |
| 1059 | 698516 | Kit-Screw/Washer |
| 1090 | 691293 | Retainer-Brush |
| 1091 | 691333 | Cap-Limiter |
| 1095 | 794152 | Gasket Set-Valve |
| 1119 | 691183 | Screw (Alternator) |
| 1127 | 695407 | Screw (Float Bowl) |
| 1263 | 697124 | Reed-Breather |
| 1264 | 697104 | Screw (Breather Reed) |
| 1266 | 691917 | Seal-O Ring (Intake Elbow) (Red) |
| 1270 | 793243 | Plug-AVS Counterweight |
| 1329 | 31N707-3026-G5 | Replacement Engine |
| 1330 | 272147 | Repair Manual |

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

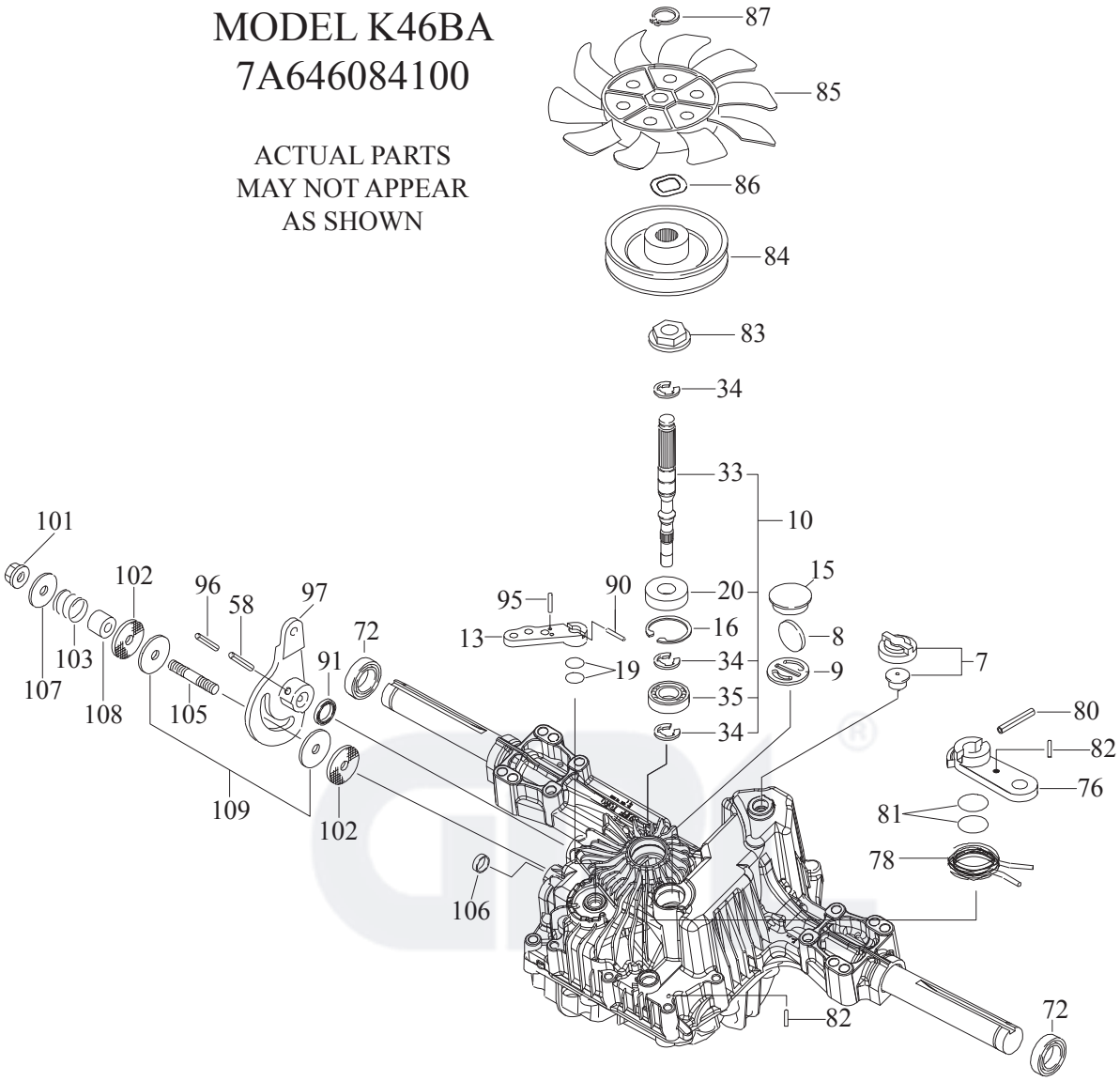
**NOTE:** All component dimensions given in U.S. inches
1 inch = 25.4 mm

# TRACTOR - - MODEL NUMBER LTH18538 (250170)

## TUFFTORQ TRANSAXLE MODEL K46BA

MODEL K46BA
7A646084100

ACTUAL PARTS
MAY NOT APPEAR
AS SHOWN




| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 7 | 414395 | Vent Valve 15 |
| 8 | 414396 | Magnet |
| 9 | 414397 | Magnet Holder |
| 10 | 415923 | Pump Shaft/Bearing Kit |
| 13 | 414398 | Bypass Lever |
| 15 | 414399 | Sealing Cap 30 |
| 16 | 414400 | Snap Ring C 35 |
| 19 | 414401 | O-Ring 1A P10a |
| 20 | 414402 | Seal Tc 153507 |
| 33 | 414403 | Pump Shaft (Standard) |
| 34 | 414404 | E-Ring 15 |
| 35 | 414405 | Bearing 6202C3 |
| 58 | 414406 | Roll Pin 6 * 40 |
| 72 | 414407 | Seal 19 * 32 * 8 |
| 76 | 414408 | Brake Lever |
| 78 | 414409 | Brake Return Spring |
| 80 | 414410 | Spring Pin 5 * 32 |
| 81 | 414411 | O-Ring 1A P12 |
| 82 | 414412 | Spring Pin 4 * 16 |
| 83 | 414413 | Spine Collar |

| KEY NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 84 | 414414 | Pulley L |
| 85 | 414415 | Fan, Black |
| 86 | 414416 | Wave Washer |
| 87 | 414417 | Snap Ring |
| 90 | 414418 | Spring Pin 3.0A * 20 |
| 91 | 414419 | Oil Seal 16 * 22 * 03 |
| 95 | 415850 | Spring Pin 3.0A * 16 |
| 96 | 414420 | Roll Pin 3.5 * 40 |
| 97 | 414421 | Control Lever |
| 101 | 414216 | Lock Nut 10 |
| 102 | 414423 | Washer 10 * 40 * 4 |
| 103 | 414424 | Spring |
| 105 | 414425 | Stud 10 * 60 |
| 106 | 414426 | Sealing Cap 18 |
| 107 | 414427 | Washer 10 * 36 * 2.8 |
| 108 | 414428 | Collar 10 * 20 * 17 |
| 109 | 414429 | Friction Plate Kit |

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

01/26/2012 BD/TH