



# HYDRO TRACTOR

## Parts Manual

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### Models

936049 42" Hydro Tractor



GB ENGLISH

435305 05.06.10  
Printed in USA

# 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 PARTS MANUAL. 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 - “936049 (96046001500)”
- Part Number
- Part Description

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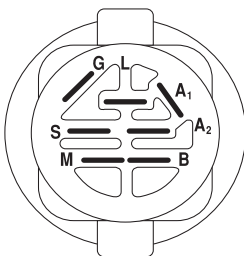
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# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
SCHEMATIC

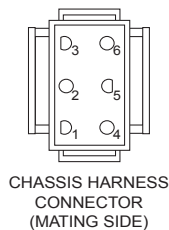
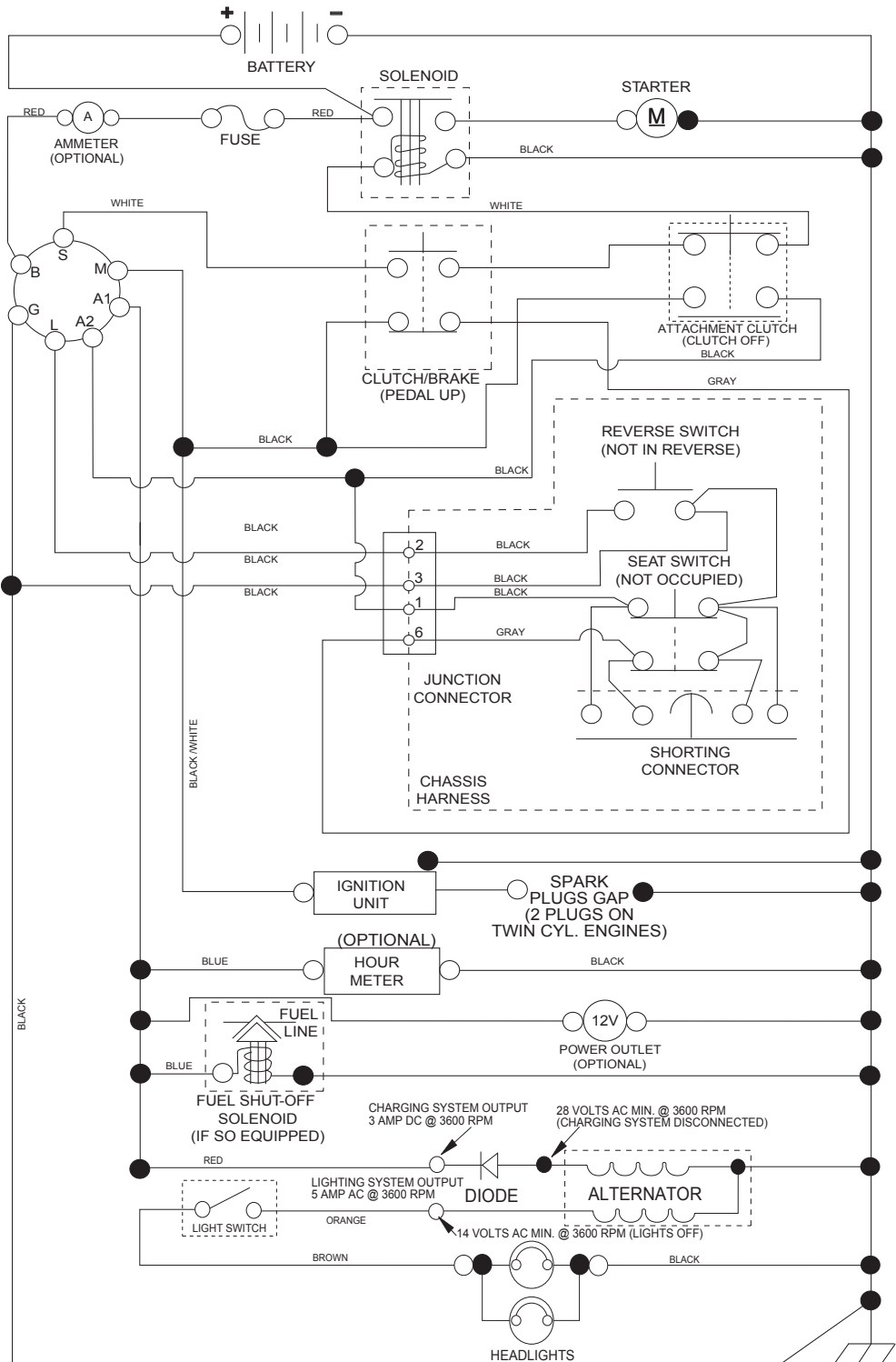
SCH11

**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.

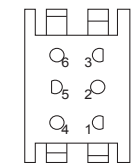


IGNITION SWITCH

| 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

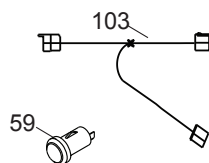
○ REMOVABLE CONNECTIONS

# PARTS MANUAL

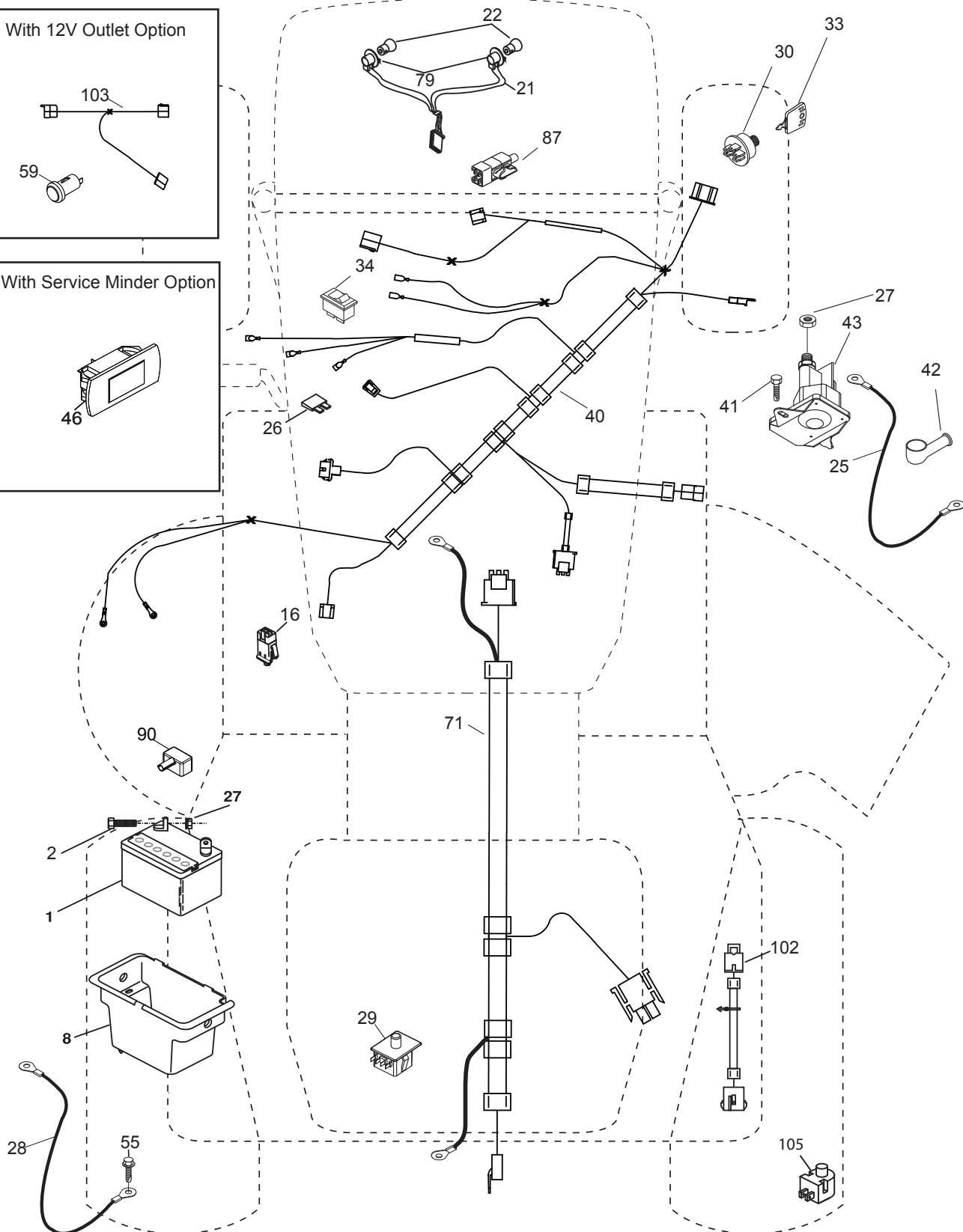
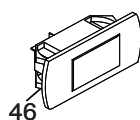
TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
ELECTRICAL

T06K

With 12V Outlet Option



With Service Minder Option



# PARTS MANUAL

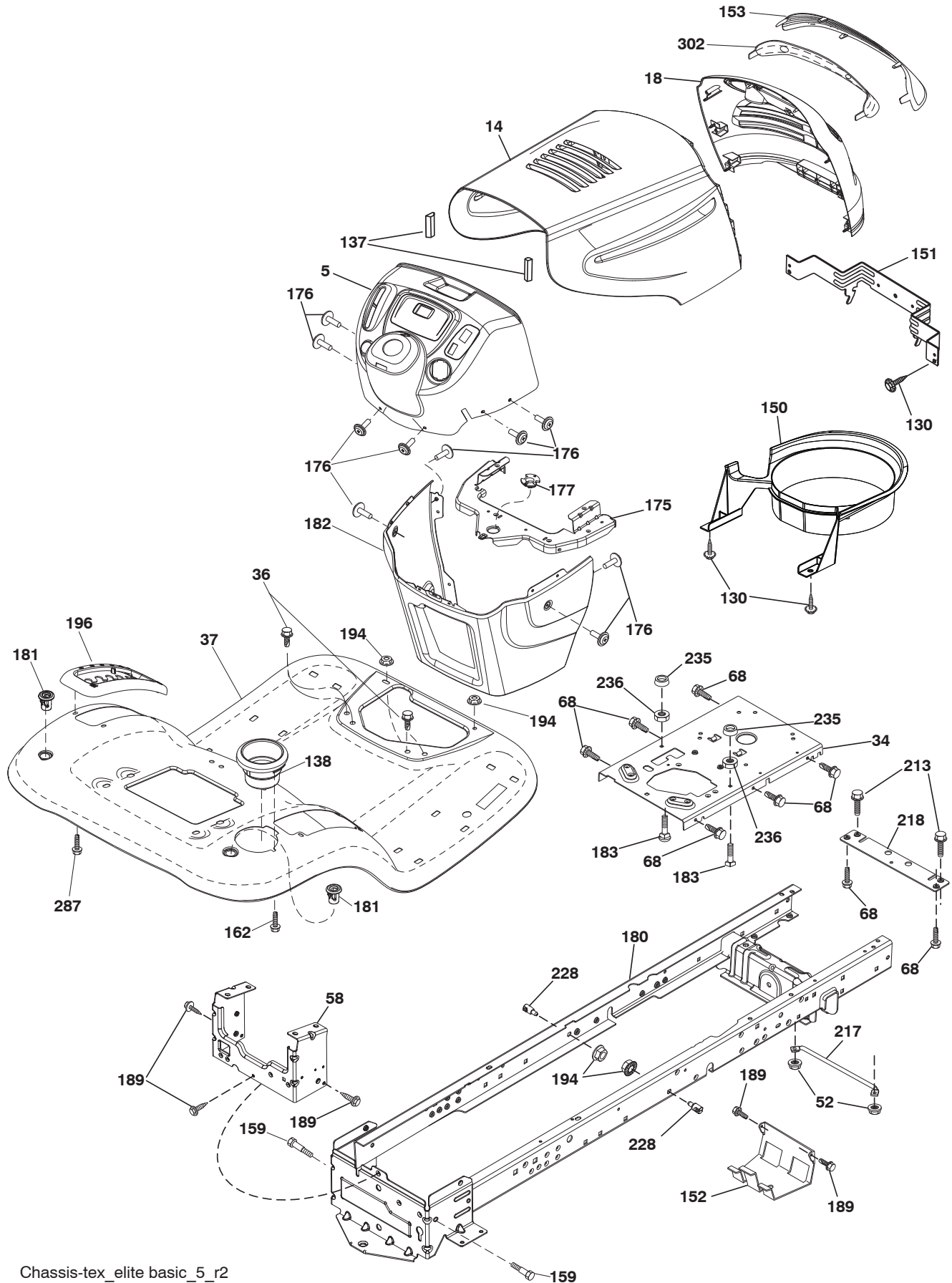
TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
ELECTRICAL

| ITEM NO. | MFG. NO. | ARIENS PART NO. | DESCRIPTION                    |
|----------|----------|-----------------|--------------------------------|
| 1        | 163465   | 21546162        | BATTERY.12.VOLT.28.AMP.WET     |
| 2        | 74760412 | 21546803        | BOLT.HEX.HD.1/4-20 UNC X 3/4   |
| 8        | 193228   | 21546315        | BOX.BATTERY.MNT.REAR.LT.TEX.BL |
| 16       | 176138   | 21546205        | SWITCH.INTERLOCK.NONO.GRAY     |
| 21       | 183759   | 21546226        | HARNESS ASM.LIGHT.22"(4152J)   |
| 22       | 4152J    | 21546673        | BULB.LIGHT.#1156               |
| 25       | 412894   | 21546646        | CABLE.STARTER.6GA.BL/RED.14.5" |
| 26       | 175158   | 21546200        | FUSE.20 AMP.                   |
| 27       | 73510400 | 21546779        | NUT, KEPS HEX 1/4-20 UNC       |
| 28       | 198885   | 21546481        | CABLE.BLACK.22"REAR BATT.TEX   |
| 29       | 192749   | 21546298        | SWITCH.SEAT.DP.W/ROS           |
| 30       | 193350   | 21546319        | SWITCH.IGN.DLTA.P-IN.ROS       |
| 33       | 411933   | 21547339        | KEY/CHAIN.BLISTER PACK.GEN.USA |
| 34       | 110712X  | 21546050        | SWITCH.LIGHT/RESET.B/B/RED.    |
| 40       | 401098   | 21546568        | HARNESS.IGN.DASH.CBL.YTGT.PRED |
| 41       | 17720408 | 21546210        | SCREW 1/4-20 X 1/2             |
| 42       | 131563   | 21546082        | COVER.TERMINAL.RED             |
| 43       | 192507   | 21546294        | SOLENOID.W/BRASS PLUNGER.2005  |
| 55       | 17060512 | 21546187        | SCREW.5/16-18X3/4.SMGML.TAP/R  |
| 71       | 400449   | 21546558        | HARNESS.IGN.CHASS.TEX.REAR.BAT |
| 79       | 175242   | 21546201        | SOCKET ASM.BULB.TWISTLOCK      |
| 87       | 197802   | 21546457        | SWITCH.INTRLCK.CLUTCH.CABLE.TX |
| 90       | 400725   | 21546560        | COVER.TERMINAL.BATTERY.RR.TEX  |
| 102      | 419781   | 21547203        | PIGTAIL REV. GT VATR           |
| 105      | 407568   | 21546625        | SWITCH.REVERSE.TT.PEDAL CONTRO |

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

# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
CHASSIS



# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
CHASSIS

| ITEM NO. | MFG. NO.   | ARIENS PART NO. | DESCRIPTION                       |
|----------|------------|-----------------|-----------------------------------|
| 5        | 197783X428 | 21546456        | DASH.P/L TEX.CBL CL.N/CHK.428     |
| 14       | 423094X422 | 21546705        | HOOD.PNT.ELITE.SPL-TPN-SKIRTS     |
| 18       | 183399X428 | 21546711        | GRILLE.ELITE BASIC.ARIENS         |
| 34       | 196125     | 21546384        | PLATE.ENGINE.WELDED.CHASSIS       |
| 36       | 17060512   | 21546187        | SCREW.5/16-18 X 3/4.SMGML.TAP/R   |
| 37       | 414872X422 | 21546667        | FENDER.TLT.FS.W/CUPHLD.422        |
| 52       | 73680500   | 21546784        | NUT, HEX, CROWNLOCK 5/16-18       |
| 58       | 412280     | 21546643        | DRAWBAR.UPPER.2PC.SML.FENDER      |
| 68       | 17490508   | 21546199        | SCREW.THDROL.5/16-18 X 1/2TYTT    |
| 130      | 416358     | 21546675        | SCREW                             |
| 137      | 184921     | 21546230        | BUMPER.HOOD.LARGE. 1.75"          |
| 138      | 193224X428 | 21546311        | CUPHOLDER.TL.TEX.428              |
| 150      | 184461     | 21547204        | AIR DUCT.INTAKE.B&S/HONDA.        |
| 151      | 407807     | 21546626        | BRACKET.PIVOT.LASR/ELTE/HUSQLT    |
| 152      | 199535     | 21546501        | SHIELD.BROWNING.W/TEX             |
| 153      | 423181     | 21546710        | LENS.BASIC.ARIENS                 |
| 159      | 17000612   | 21546181        | SCREW.HEXWSH THDR3/8-16X3/4.BL    |
| 162      | 142432     | 21546106        | SCREW.HEX.WSH.HI-LO.1/4 X 1/2 UNC |
| 175      | 193243     | 21546317        | CROSSMEMBER.LT                    |
| 176      | 400776     | 21546562        | SCREW.#10-24X5/8.RND.QUDRX.GIM    |
| 177      | 195228     | 21546357        | BUSHING.STEERING.LT               |
| 180      | 415063     | 21546670        | CHASS.WLDMT.TL.12GA/2PC.18/22"    |
| 181      | 193102X428 | 21546304        | BUSHING.MNT.FEND.CRGO.BLK.TEX     |
| 182      | 193057     | 21546302        | DASH LOWER.LT.CCS                 |
| 183      | 74520520   | 21547383        | BOLT.FIN.HEX.5/16-18 UNC X1-1/4   |
| 189      | 17000512   | 21546180        | SCREW.5/16-18 X 3/4.SMGML.TAP/BL  |
| 194      | 73900500   | 21546789        | NUT, LOCK HEX FLANGE 5/16-18 UNC  |
| 196      | 414579     | 21546663        | CONSOLE ASM.DECKLFT.BL/RBT.TLT    |
| 213      | 74760512   | 21546804        | BOLT, HEX HEAD 5/16-18 X 3/4      |
| 217      | 409167     | 21546636        | ROD.PIVOT.HOOD                    |
| 218      | 196395     | 21546400        | X-PIECE.HOOD.STOP.NON/STEALTH     |
| 228      | 195161     | 21546343        | STUD.FASTNER.W/D'ANTI-ROTATION    |
| 235      | 406129     | 21546619        | SPACER.FENDER                     |
| 236      | 73930500   | 21546793        | NUT.CENTER LOCK.5/16-18 UNC       |
| 287      | 17600406   | 21546204        | SCREW.HEX.WASHEAD.1/4-20 X 3/8    |
| 302      | 183823     | 21546227        | INSERT.LENS.REFL.BASIC.LT         |

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1 inch = 25.4 mm



# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
DRIVE

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# PARTS MANUAL

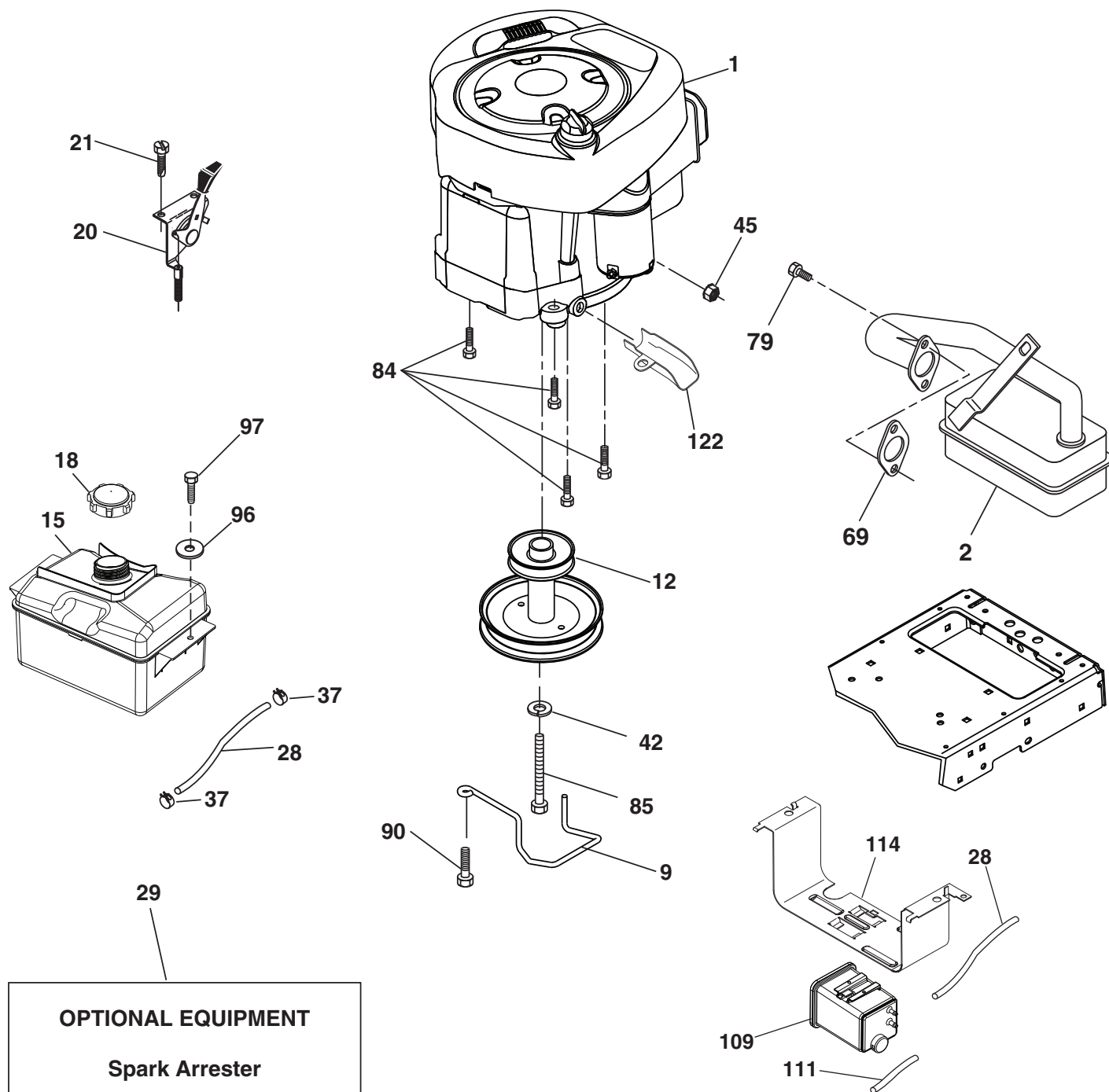
TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
DRIVE

| ITEM NO. | MFG. NO.   | ARIENS PART NO. | DESCRIPTION                      |
|----------|------------|-----------------|----------------------------------|
| 1        | 415663     | 21547259        | TRANSMISSION, GENTRANS           |
| 2        | 123583X    | 21546070        | KEY.SQUARE.2.0 X .1845/.1865     |
| 22       | 421063     | 21547221        | ROD SHIFT                        |
| 23       | 106933X    | 21547222        | KNOB                             |
| 33       | 12000001   | 21546051        | E-RING.#5133-75                  |
| 35       | 197722     | 21546453        | ROD.BRAKE.PARKING.LT.TEX         |
| 37       | 121749X    | 21546067        | WASHER.25/32 X 1 1/4 X 16 GA.    |
| 42       | 8883R      | 21546831        | COVER.PEDAL.BLK.ROUND            |
| 49       | 72110614   | 21546766        | BOLT.RDHD.3/8-16UNCX1-3/4.GR5    |
| 50       | 194327     | 21546331        | IDLER.FLAT.910"OFFSET            |
| 51       | 73900600   | 21546790        | NUT, HEX, FLANGELOCK 3/8-16      |
| 52       | 194326     | 21546330        | IDLER.V-GROOVE.910"OFFSET        |
| 56       | 197253     | 21546422        | BELT.DRIVE.100.97"               |
| 64       | 196200     | 21546387        | SHAFT ASM.PEDAL.BRAKE CONTROL    |
| 70       | 415688X428 | 21547215        | CONSOLE                          |
| 73       | 74490544   | 21546798        | BOLT.HEX.FLGHD.5/16-18.GR.5      |
| 74       | 142432     | 21546106        | SCREW.HEX.WSH.HI-LO.1/4X1/2UNC   |
| 99       | 427340     | 21547216        | ROD BYPASS                       |
| 116      | 73900500   | 21546789        | NUT, LOCK HEX FLANGE 5/16-18 UNC |
| 125      | 17000512   | 21546180        | SCREW.5/16-18X3/4.SMGML.TAP/BL   |
| 131      | 76020312   | 21547217        | PIN COTTER 3/32/ X 3/4           |
| 143      | 17490508   | 21546199        | SCREW.THDROL.5/16-18 X 1/2TYTT   |
| 160      | 169484     | 21546178        | RETAINER.CLIP(M).DIA.290         |
| 161      | 105709X    | 21546028        | SPRING.RETURN.CLUTCH.6.75        |
| 165      | 196212     | 21546393        | BUSHING.SHAFT.BRAKE.HAND CONTR   |
| 166      | 429164     | 21547349        | NUT PUSH .625                    |
| 167      | 405257     | 21546608        | LATCH.BRAKE.PARKING              |
| 172      | 415664     | 21547219        | STRAP TORQUE LH/RH               |
| 174      | 197289     | 21546431        | NUT.PUSH..500                    |
| 175      | 415677     | 21547220        | SHAFT ASM SHIFT                  |
| 176      | 196214     | 21546394        | ARM.CLEVIS.ROD.SHIFT             |
| 178      | 197456     | 21546445        | SPRING.SHIFT.GT.2006             |
| 184      | 198403X505 | 21546477        | HANDLE.PARKING BRAKE.LTTEX.505   |
| 185      | 72110622   | 21546768        | BOLT.RDHD.3/8-16UNC X2-3/4 GR5   |
| 186      | 194321     | 21546328        | SPACER.RETAINER                  |
| 187      | 19133210   | 21546287        | WASHER.13/32 X 2 X 10 GA.        |
| 188      | 194323     | 21546329        | LINK.CLUTCH.GROUND DRIVE         |
| 189      | 194317     | 21546324        | BELLCRANK.GROUNDRIE.NSTG/NSTL    |
| 190      | 194318     | 21546325        | KEEPER.BELLCRANK.DRIVE.GROUND    |
| 203      | 19111116   | 21546279        | WASHER 11/32 X 11/16 X 16 GA.    |
| 205      | 121748X    | 21546066        | WASHER.25/32 X 1-5/8 X 16GA.     |
| 221      | 403187     | 21546588        | RETAINER.SPRING.CLIPHANDLE       |
| 232      | 74780716   | 21546818        | BOLT.FIN HEX.7/16-14X1 GR5       |
| 233      | 405296     | 21546609        | WASHER.SERRATED                  |
| 295      | 420306     | 21547205        | PIN CLEVIS 183 OD X 1.260 LONG   |
| 296      | 420471     | 21547206        | SCREW THDROL 5/16-18 X 3         |
| 297      | 420223     | 21547207        | NUT PUSH 1/4                     |
| 298      | 415694     | 21547208        | PIN CLEVIS CBL. BRK. VARIATOR    |
| 299      | 415683     | 21547209        | BRACKET MOUNT IDLER              |
| 300      | 415681     | 21547210        | KEEPER IDLER REAR                |
| 301      | 415680     | 21547211        | PULLEY IDLER V-GROOVE            |
| 302      | 415666     | 21547212        | PULLEY IDLER FLAT 2.0 OD         |
| 303      | 72110618   | 21547133        | BOLT RDHD SGNK 3/8-16 X 2-1/4    |
| 305      | 415692     | 21547214        | CABLE BRAKE VARIATOR             |

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

# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
ENGINE



engine-tex\_BS\_36

# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
ENGINE

| ITEM NO. | MFG. NO.   | ARIENS PART NO. | DESCRIPTION                            |
|----------|------------|-----------------|----------------------------------------|
| 1        | -- -- --   | -- -- --        | ENGINE BRIGGS MODEL NO. 31P677-1373-B1 |
| 2        | 137352     | 21547110        | MUFFLER SINGLE                         |
| 9        | 194319     | 21546326        | KEEPER.BELT.ENGINE.3.25"NSTL           |
| 12       | 401985     | 21546580        | PULLEY.ENGINE                          |
| 15       | 420721     | 21546686        | TANK.FUEL.1.5GAL.CARB                  |
| 18       | 430219     | 21547355        | CAP FUEL                               |
| 20       | 176636X428 | 21546206        | CONTROL.TH/CK.COBRA.BS.EEC.428         |
| 21       | 416358     | 21546675        | SCREW                                  |
| 28       | 401137     | 21546571        | LINE.FUEL.22"FRONT.EMIS.CA.LP          |
| 29       | 137180     | 21546090        | KIT.SPARK ARRESTOR(392390 B&S)         |
| 37       | 123487     | 21546069        | CLAMP.HOSE.BLK.                        |
| 42       | 10040700   | 21546004        | BOLT 5/16-18 UNC X 3/4 W/SEMS          |
| 45       | 73510400   | 21546779        | NUT, KEPS HEX 1/4-20 UNC               |
| 69       | 165291     | 21547111        | GASKET                                 |
| 79       | 192334     | 21546293        | SCREW.SOCKET HD.5/16-18 X .75          |
| 84       | 17060620   | 21547225        | SCREW 3/8-16 X 1/4                     |
| 85       | 173937     | 21546191        | BOLT.HEX.7/16-20 X 4 X GR. 5-1.5THR.   |
| 90       | 17000616   | 21546182        | SCREW.3/8-16 X 1.SMGML.TAP/R.BLK       |
| 96       | 19091416   | 21546277        | WASHER.9/32 X 7/8 X 16 GA.             |
| 97       | 17670412   | 21546207        | SCREW.HEXWSH.THDROL.1/4-20X3/4         |
| 109      | 414114     | 21546657        | CANISTER.CARBON.FILTER ASM.TEX         |
| 111      | 414119     | 21546660        | PURGE.LINE.CARB                        |
| 114      | 414116     | 21546659        | CRADLE.CANISTER.CARBON                 |
| 122      | 421922     | 21547116        | EXTENSION DRAIN OIL                    |

**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:

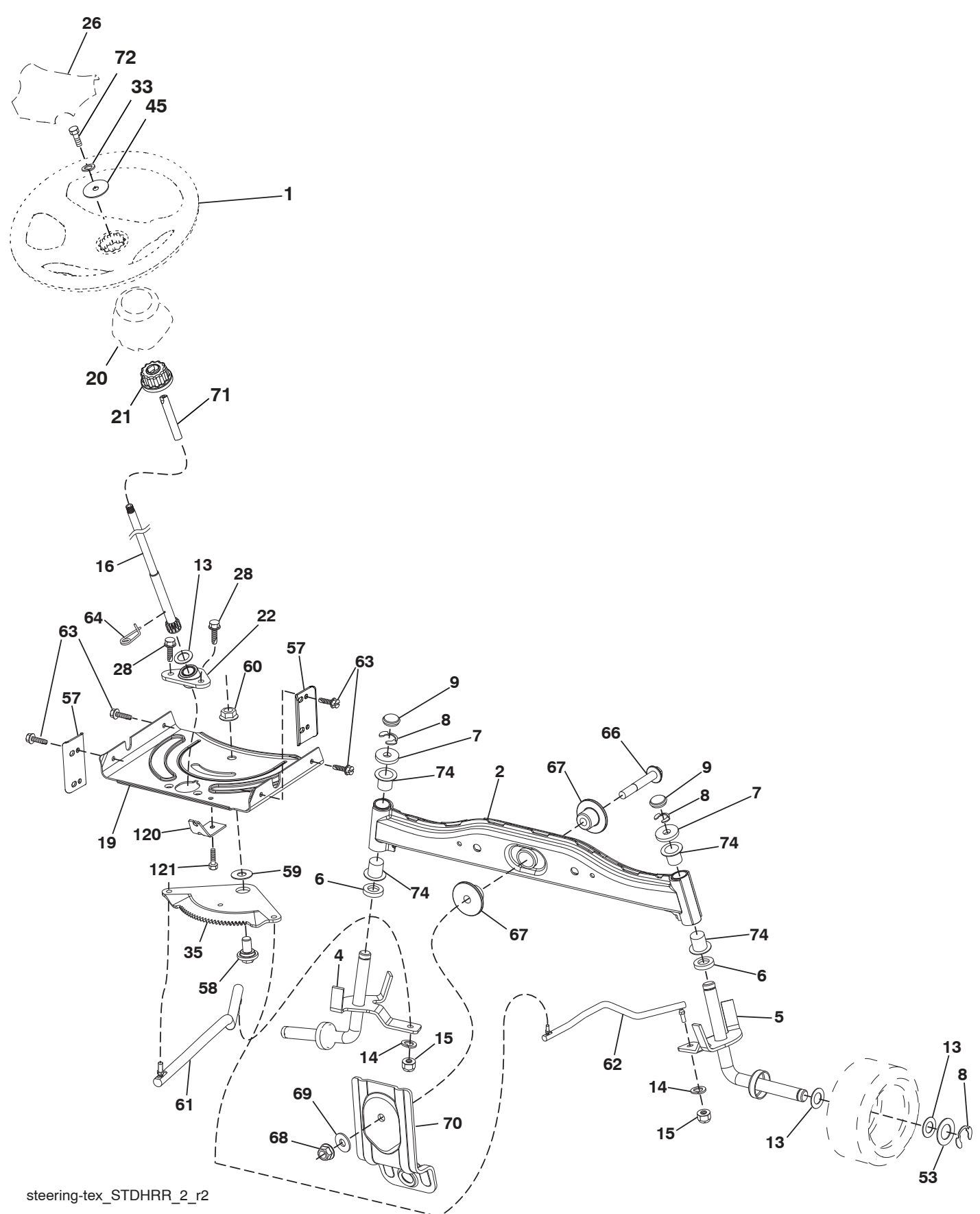
Briggs & Stratton                      1-800-233-3723

## 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.

# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15



steering-tex\_STDHRR\_2\_r2

# PARTS MANUAL

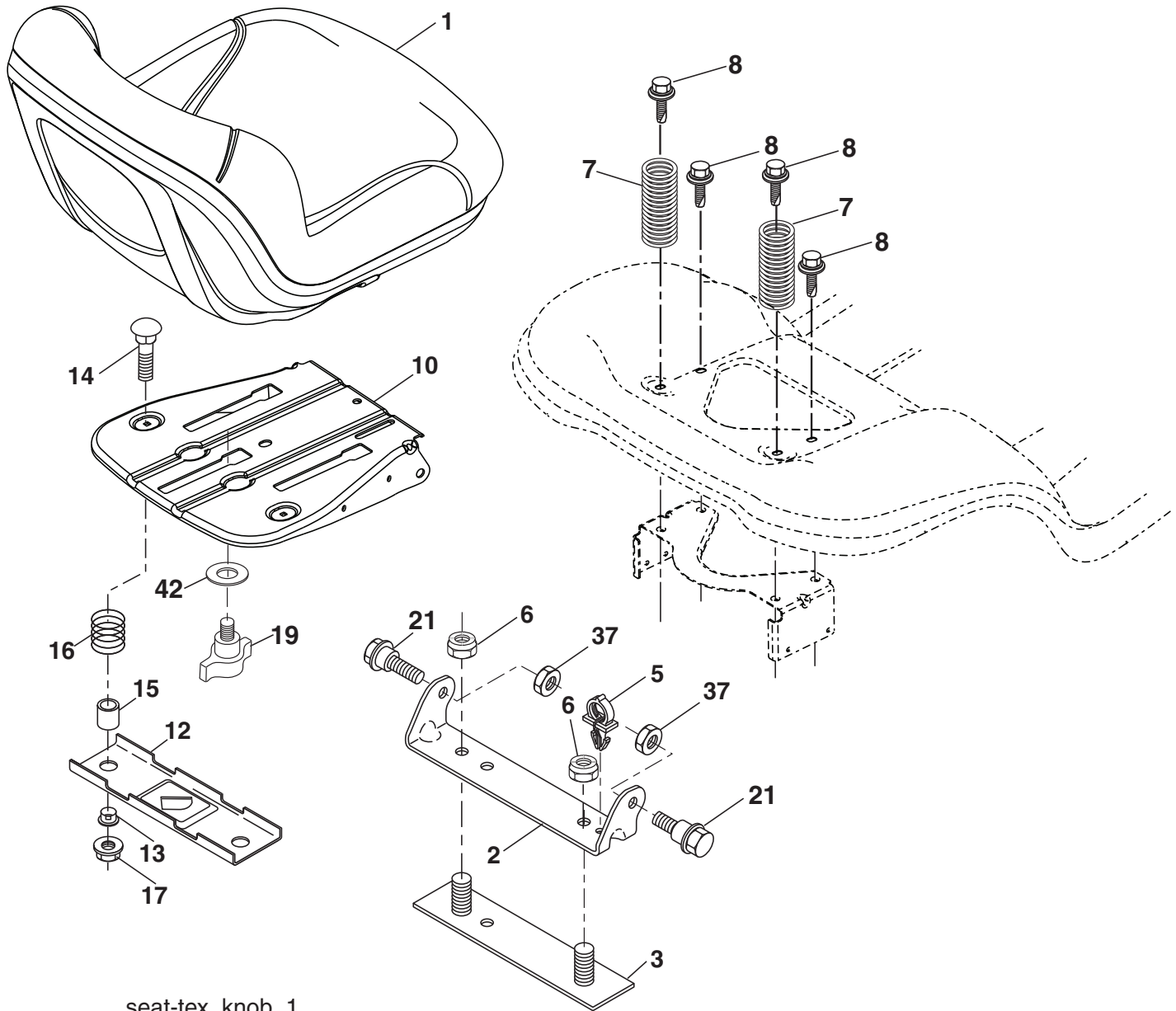
TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
STEERING

| ITEM NO. | MFG. NO.   | ARIENS PART NO. | DESCRIPTION                          |
|----------|------------|-----------------|--------------------------------------|
| 1        | 414803X428 | 21546664        | WHEEL.STEERING.HARD RIM.BLACK        |
| 2        | 418168     | 21546681        | AXLE ASM.WELDED                      |
| 4        | 403087     | 21546582        | SPINDLE.WELDED.LH.15"TEX             |
| 5        | 403088     | 21546583        | SPINDLE.WELDED.RH.15"TEX             |
| 6        | 6266H      | 21546750        | WASHER.THRUST..75 X 1.230            |
| 7        | 121748X    | 21546066        | WASHER.25/32 X 1-5/8 X 16 GA.        |
| 8        | 12000029   | 21546053        | RING.KLIP.#T5304-75                  |
| 9        | 121232X    | 21546064        | CAPSPINDLE.FR.TOP.BLK.               |
| 13       | 121749X    | 21546067        | WASHER.25/32 X 1 1/4 X 16 GA.        |
| 14       | 10040600   | 21546003        | WASHER, LOCK 3/8                     |
| 15       | 73540600   | 21546782        | NUT.CROWNLOCK.3/8-24                 |
| 16       | 429374     | 21547227        | SHAFT.STEER.3/4 TEX.NON-PLATED       |
| 19       | 194729     | 21546334        | PLATE.STEER.DDL.NLT/NGT              |
| 20       | 198375X428 | 21546475        | BOOT.STEERING.LT.TEX P/L.428         |
| 21       | 186737     | 21546234        | ADAPTER.WHEEL.STRG..760              |
| 22       | 420537     | 21547231        | STEERING SUPT.LOWER                  |
| 26       | 414854X428 | 21546665        | CAPWHL.STRG.HRS/SRS.BLACK            |
| 28       | 17000612   | 21546181        | SCREW.HEXWSH THDR 3/8-16 X 3/4.BL    |
| 33       | 10040500   | 21546002        | WASHER, LOCK 5/16                    |
| 35       | 194732     | 21546335        | GEAR SECTOR.PLATE.DDL.NLT/NGT        |
| 45       | 19113812   | 21546280        | WASHER.11/32ID X 2 3/8 OD X 12 GA.   |
| 53       | 188967     | 21546272        | WASHER.HARDEN..793 X 1.637X060       |
| 57       | 407465     | 21546623        | BRACKET.UPSTOP.TEX                   |
| 58       | 194747     | 21546339        | BOLT.SHOULDER.SECTOR.PIVOT.CFM       |
| 59       | 194748     | 21546340        | WASHER.THRUST.SECTOR.STEER.NLT       |
| 60       | 73971000   | 21546797        | NUT.FLANGE LOCK.5/8-11               |
| 61       | 194740     | 21546337        | DRAGLINK.LH.BALLSTUD.DDL.            |
| 62       | 194741     | 21546338        | DRAGLINK.RH.BALLSTUD.DDL             |
| 63       | 17000512   | 21546180        | SCREW.5/16-18 X 3/4.SMGML.TAP/BL     |
| 64       | 199849     | 21546512        | RETAINER.CLIP.SPRING.STEERING        |
| 66       | 71020748   | 21546754        | BOLT.HEX.FGHD.7/16-14 X 3.SERR       |
| 67       | 194737     | 21546336        | BUSHING.PM.FRONT AXLE                |
| 68       | 73900700   | 21546791        | NUT.LOCK.FLANGE.7/16-14.GR. 5        |
| 69       | 199162     | 21546483        | WASHER.1.5 X .505 X .118             |
| 70       | 196197     | 21546386        | BRACKET.DECK.SUSPENSION.FRONT        |
| 71       | 190752     | 21547228        | SHAFT.EXTEN.STRG.SPLINE.TEX          |
| 72       | 428982     | 21547229        | BOLT.FIN.HEX.5/16-18 UNC X 4 W/PATCH |
| 74       | 3366R      | 21546550        | BEARING.COL.STRG.BLK.                |
| 120      | 415689     | 21547230        | BRACKET LOCATER CBL.BRK.             |
| 121      | 17490508   | 21546199        | SCREW.THDROL.5/16-18 X 1/2TYTT       |

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

# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
SEAT



seat-tex\_knob\_1

# PARTS MANUAL

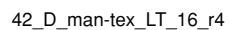
TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
SEAT

| ITEM NO. | MFG. NO. | ARIENS PART NO. | DESCRIPTION                       |
|----------|----------|-----------------|-----------------------------------|
| 1        | 423009   | 21546702        | SEAT.TA110.BLACK.ARIENS           |
| 2        | 180166   | 21546216        | BRACKET.PIVOT.FENDER.2002         |
| 3        | 140675   | 21546101        | STRAP ASM.FENDER.94               |
| 5        | 145006   | 21546110        | CLIP.PUSH-IN.HINGED               |
| 6        | 73800600 | 21546787        | LOCKNUT, WASHER INSERT 3/8-16     |
| 7        | 124181X  | 21546074        | SPRING.SEAT.CPRSN.2.250.BLK.ZI    |
| 8        | 171877   | 21546190        | BOLT.5/16-18 UNC X 3/4 W/SEMS.BLK |
| 10       | 199180   | 21546485        | PAN ASM.SEAT.SHORT.LT.TEX         |
| 12       | 199370   | 21546491        | BRACKET.MNT.OPC.SW.SEAT.TEX LT    |
| 13       | 121248X  | 21546065        | BUSHING.SNAP.BLK.NYL..50 ID.      |
| 14       | 72050412 | 21546759        | BOLT.RDHD.SHT.NK.1/4-20X1-1/2     |
| 15       | 134300   | 21546086        | SPACER.SPLIT..28X.96.YEL.ZINC     |
| 16       | 123740X  | 21546072        | SPRING.CPRSN.PLATE.SW.1.310.GA    |
| 17       | 123976X  | 21546073        | NUT.LOCK.1/4 LGE.FLG.GR.5.ZINC    |
| 19       | 199372   | 21546495        | KNOB.SEAT ADJ.3/8-16"TEX          |
| 21       | 171852   | 21546189        | BOLT.SHLD.5/16-18 UNC - 2A.BLK D  |
| 37       | 73800500 | 21546786        | LOCKNUT, WASHER INSERT 5/16-18    |
| 42       | 199371   | 21546493        | WASHER.CUP.SEAT.TEX LT            |

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



**TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
MOWER DECK**



# PARTS MANUAL

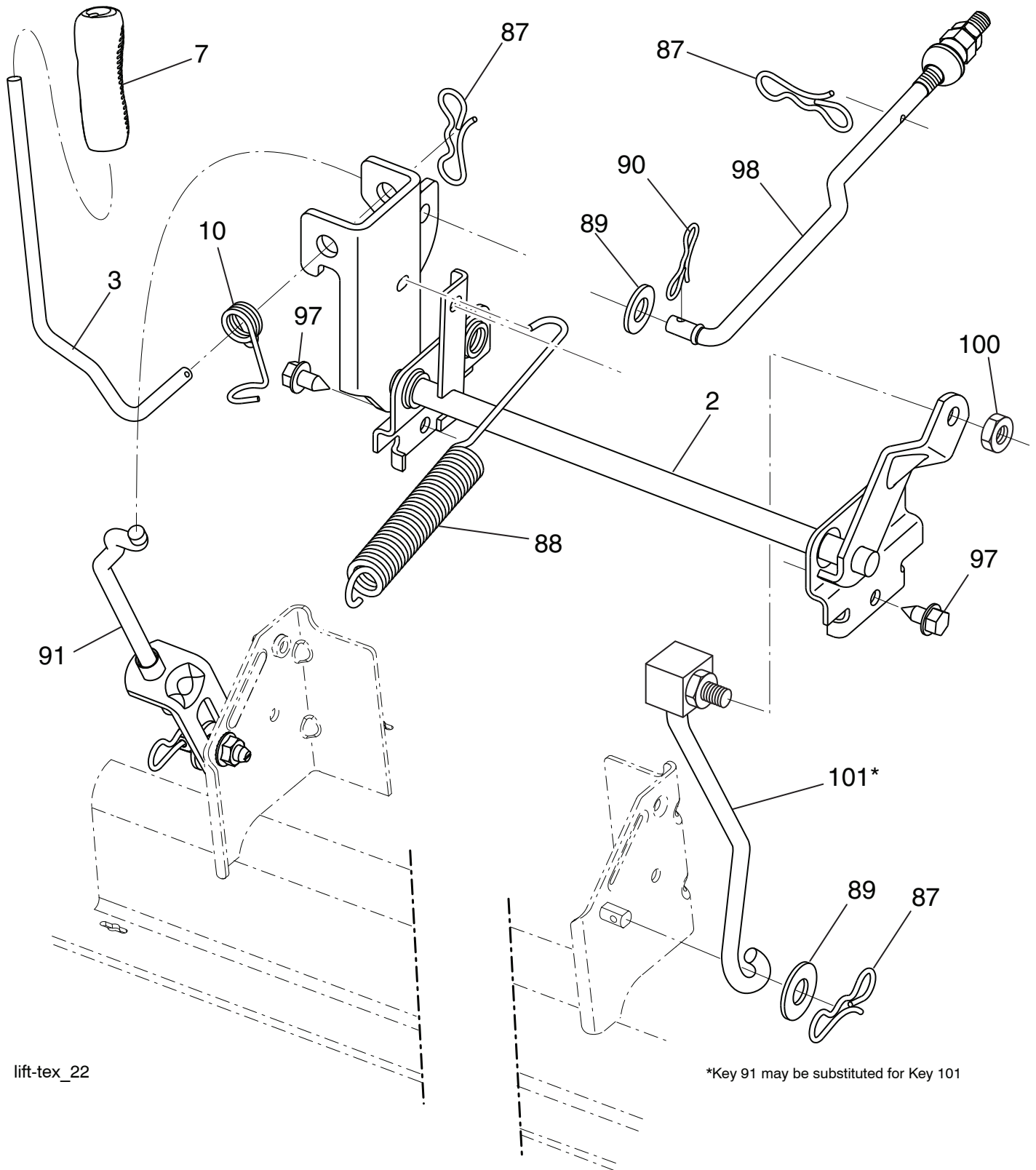
TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
MOWER DECK

| ITEM NO. | MFG. NO.   | ARIENS PART NO. | DESCRIPTION                                                                                                                              |
|----------|------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 1        | 196495X422 | 21547236        | DECK.WELDMENT.42"                                                                                                                        |
| 6        | 195186     | 21546347        | ARM.SUSPENSION.MOWER.REAR.LD                                                                                                             |
| 7        | 416358     | 21546675        | SCREW                                                                                                                                    |
| 8        | 193003     | 21546301        | BOLT/WASHER ASM.7/16-20.UNF                                                                                                              |
| 11       | 138971     | 21546095        | BLADE.MOWER.42"HI LIFT PREMIUM                                                                                                           |
| --       | 134149     | 21547232        | BLADE 42" MULCHING STANDARD                                                                                                              |
| --       | 139755     | 21547233        | BLADE 42" MULCHING PREMIUM                                                                                                               |
| --       | 424752     | 21547174        | BLADE 42SP" 3N1                                                                                                                          |
| --       | 422719     | 21547175        | BLADE 42SP" 3N1 PREMIUM                                                                                                                  |
| 13       | 192872     | 21546300        | SHAFT ASM.MNDRL.N/GREASEABLE 38                                                                                                          |
| 14       | 187281     | 21546238        | HOUSING.MANDREL.4PT.SERVICE                                                                                                              |
| 15       | 110485X    | 21546046        | BEARING.BALL.MANDREL                                                                                                                     |
| 19       | 196539     | 21546411        | BOLT.SHOULDER                                                                                                                            |
| 20       | 159770     | 21546144        | BAFFLE.VORTEX.42.STD/HEAVY DTY                                                                                                           |
| 21       | 73680500   | 21546784        | NUT, HEX, CROWN LOCK 5/16-18                                                                                                             |
| 23       | 192557     | 21546296        | BRACKET.DEFLECTOR.38/42"2005                                                                                                             |
| 24       | 105304X    | 21546025        | CAP.SLEEVE..80X.112.BLK.MOWER                                                                                                            |
| 25       | 197026     | 21546416        | SPRING.TORSION.DFL.38/42/46.GR                                                                                                           |
| 26       | 110452X    | 21546045        | NUT.PUSH.PHOS.& OIL                                                                                                                      |
| 27       | 193108X428 | 21546305        | SHIELD.DEFLECTOR.MOWER 42"BLK                                                                                                            |
| 29       | 131491     | 21546081        | ROD.HINGE.42/46"                                                                                                                         |
| 30       | 173984     | 21546192        | SCREW.TH.D.ROLL.DOD PT.HEX                                                                                                               |
| 31       | 187690     | 21546253        | WASHER.SPACER.MANDREL                                                                                                                    |
| 32       | 197473     | 21546446        | PULLEY.MANDREL.5.438 PD.42"                                                                                                              |
| 33       | 400234     | 21546554        | NUT.FLANGE.LOCK.TOP                                                                                                                      |
| 34       | 72110612   | 21546765        | BOLT.CARR.SH.3/8-16 X 1-1/2.GR.5                                                                                                         |
| 36       | 197379     | 21546440        | PULLEY.IDLER.4.50.RAW                                                                                                                    |
| 37       | 19131316   | 21546284        | WASHER.13/32 X 13/16 X 16 GA.                                                                                                            |
| 38       | 432520     | 21547367        | KEEPER.BELT.MANDREL.PULLEY                                                                                                               |
| 40       | 73900600   | 21546790        | NUT, HEX, FLANGE LOCK 3/8-16                                                                                                             |
| 42       | 198410     | 21546478        | SPRING.TORSION.BRAKE                                                                                                                     |
| 43       | 197256     | 21546423        | SPRING.TORSION.RETAINER                                                                                                                  |
| 46       | 137729     | 21546091        | SCREW.TH.D.ROLL.1/4-20 X 5/8                                                                                                             |
| 47       | 197250     | 21546421        | BRACKET.CLUTCH.CABLE                                                                                                                     |
| 55       | 197249     | 21546419        | IDLER.ARM                                                                                                                                |
| 56       | 199092     | 21546482        | SPACER.RETAINER                                                                                                                          |
| 57       | 17000616   | 21546182        | SCREW.3/8-16X1.SMGML.TAP/R.BLK                                                                                                           |
| 59       | 141043     | 21546103        | GUARD.TUV.IDLER                                                                                                                          |
| 60       | 197261     | 21546429        | ARM.BRAKE.MOWER.42"                                                                                                                      |
| 62       | 72110616   | 21546767        | BOLT.RD.HD.SQ.NK.3/8-16 UNC X 2                                                                                                          |
| 63       | 199477     | 21546499        | ARM.BRAKE.MOWER                                                                                                                          |
| 64       | 199918     | 21547237        | LINKAGE.BRAKE                                                                                                                            |
| 67       | 198398X428 | 21546476        | HANDLE.CLUTCH.CABLE.LT.TEX.428                                                                                                           |
| 68       | 429636     | 429636          | BELT.DRIVE                                                                                                                               |
| 69       | 72140505   | 21546770        | BOLT.RDHD.SQNK.5/16-18 X 5/8                                                                                                             |
| 70       | 198332     | 21546474        | CLUTCH ASM.MANUAL.LT.TEX                                                                                                                 |
| 113      | 17000510   | 21546179        | BOLT.5/16-18 HEX.WHS.HD.LCKSERR                                                                                                          |
| 116      | 4898H      | 21546741        | BOLT.SHLD."A"2.41."B"1.66                                                                                                                |
| 117      | 188606     | 21546267        | WHEEL.GAGE.HALF.SPOKED                                                                                                                   |
| 118      | 73930600   | 21546794        | NUT.CENTERLOCK.3/8-16 UNC.                                                                                                               |
| 119      | 19121414   | 21546281        | WASHER 3/8 X 7/8 X 14 GA.                                                                                                                |
| 122      | 197258     | 21546424        | KEEPER.BELT.ENGINE.LH.LT.TEX                                                                                                             |
| 123      | 197259     | 21546426        | KEEPER.BELT.ENGINE.RH.LT.TEX                                                                                                             |
| 144      | 199204     | 21546489        | KEEPER.BELT.MOWER                                                                                                                        |
| 145      | 193197     | 21546308        | PULLEY.IDLER 48"PRIMARY                                                                                                                  |
| 147      | 401971     | 21546579        | SPRING.RETURN                                                                                                                            |
| 152      | 408714     | 21546635        | CABLE.CLUTCH.MANUAL.W/SPR.                                                                                                               |
| 188      | 195161     | 21546343        | STUD.FASTNER.W/D'ANTI-ROTATIO                                                                                                            |
| 189      | 73900500   | 21546789        | NUT, LOCK HEX FLANGE 5/16-18 UNC                                                                                                         |
| 192      | 197260     | 21546428        | BRACKET.BRAKE.STAND.LH                                                                                                                   |
| 195      | 17000612   | 21546181        | SCREW.HEXWSH THDR 3/8-16X3/4.BL                                                                                                          |
| 208      | 17670608   | 21546208        | SCREW.THDR.3/8-16X1/2.TYT.BL                                                                                                             |
| --       | 192870     | 21546299        | MANDREL ASSEMBLY (INCLUDES HOUS-<br>ING, SHAFT ASSEMBLY, AND BEARING<br>ONLY - PULLEY/NUT/WASHER AND BLADE<br>BOLT/WASHERS NOT INCLUDED) |
| --       | 431422     | 21547239        | DECK.SVC.42"HP.CC.NGWB.TX.431                                                                                                            |

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

# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
MOWER LIFT



lift-tex\_22

# PARTS MANUAL

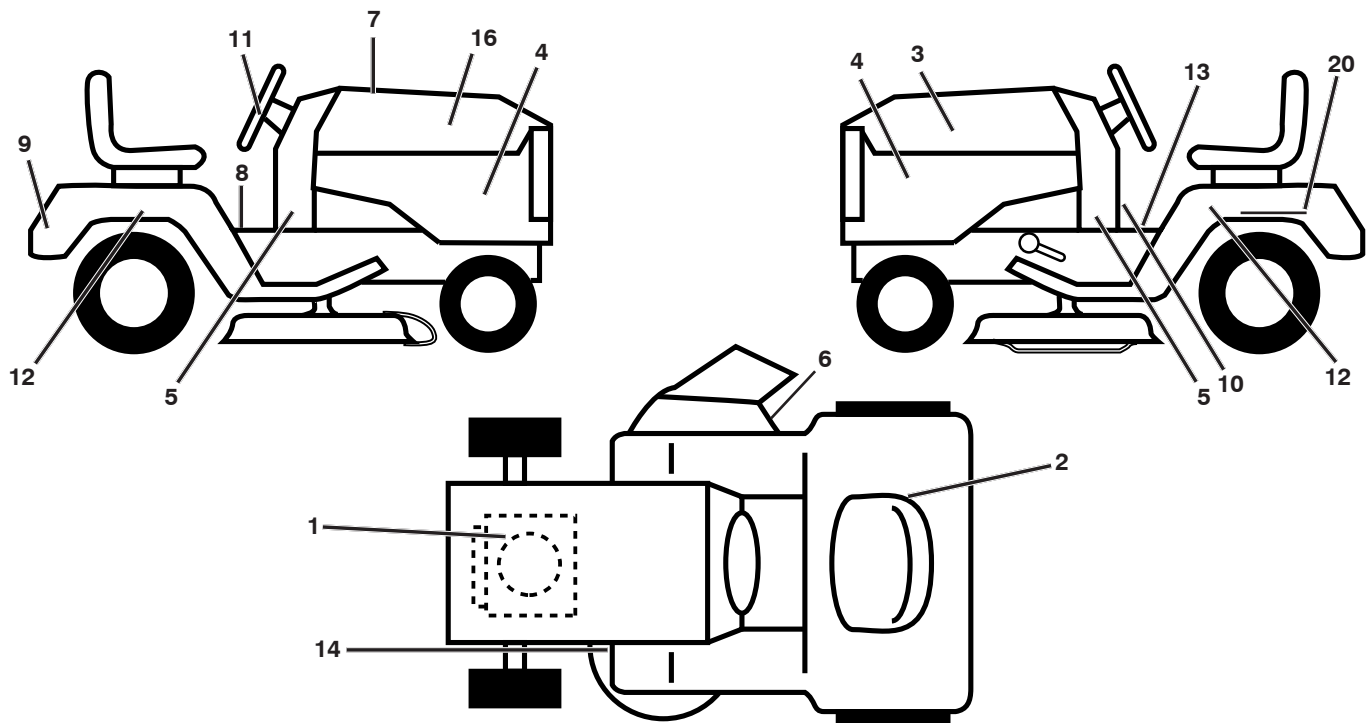
TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
MOWER LIFT

| ITEM NO. | MFG. NO.   | ARIENS PART NO. | DESCRIPTION                       |
|----------|------------|-----------------|-----------------------------------|
| 2        | 422027     | 21547240        | SHAFT ASM.LIFT.CROSS.HD.          |
| 3        | 195231     | 21546358        | LEVER.LIFT.HANDLE.LT              |
| 7        | 196492X428 | 21546408        | GRIP.LEVER..5625 ID.BLACK 428     |
| 10       | 196314     | 21546397        | SPRING.TORSION.HANDLE.LIFT        |
| 87       | 194209     | 21546322        | PIN.COTTER.7/16.BOW TIE LOCK      |
| 88       | 410710     | 21546638        | SPRING.LIFT ASSIST                |
| 89       | 19191912   | 21546292        | WASHER.CLEAR ZINC                 |
| 90       | 194208     | 21546321        | PIN.COTTER.5/16.BOW TIE LOCK      |
| 91       | 195181     | 21546344        | LINK ASM.LIFT.LH.REAR             |
| 97       | 17000612   | 21546181        | SCREW.HEXWSH THDR 3/8-16 X 3/4.BL |
| 98       | 195270     | 21546360        | LINK ASM.SUSP.FRONT.MWR.11        |
| 100      | 73930600   | 21546794        | NUT.CENTERLOCK.3/8-16 UNC         |
| 101      | 407003     | 21546620        | LINK ASM.LIFT.FIXED.38/42/46"     |

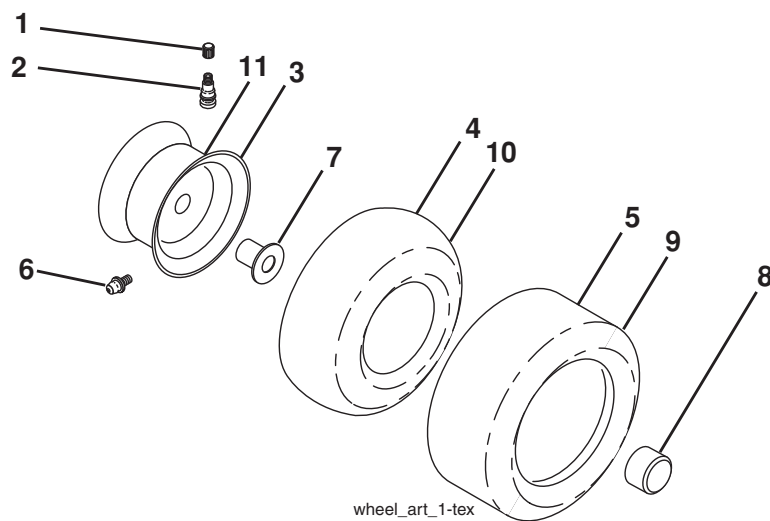
**NOTE:** All component dimensions given in U.S. inches  
1 inch = 25.4 mm

# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
DECALS



## WHEELS AND TIRES



# PARTS MANUAL

TRACTOR - - MODEL NUMBER 936049 (96046001500), PRODUCT NO. 960 46 00-15  
DECALS

| ITEM NO. | MFG. NO.   | ARIENS PART NO. | DESCRIPTION                         |
|----------|------------|-----------------|-------------------------------------|
| 1        | 429555     | 21547253        | DECAL ENGINE H.P.                   |
| 2        | 431375     | 21547253        | DECAL FENDER SERVICE                |
| 3        | 431747     | 21547241        | DECAL.HOOD.LH.3HIGH.ARIENS          |
| 4        | 431745     | 21547242        | DECAL.SDPNL.PWRDBY KOHL.ARIENS      |
| 5        | 432328     | 21547366        | DECAL.DASH.LWR.18HP.ARIENS          |
| 6        | 170563     | 21546186        | DECAL.MOWER.WARN.KEEP HAND AWY      |
| 7        | 431364     | 21547244        | DECAL.RPL.B5M31 INTK TLW 42 GE.     |
| 8        | 419138     | 21547245        | DECAL.FENDER.WARNING.ENG/FR.07      |
| 9        | 431721     | 21547246        | DECAL.FENDER.REAR.ARIENS            |
| 10       | 424102     | 21546727        | DECAL.WARNING.SPARK.ARRESTOR        |
| 11       | 431740     | 21547247        | DECAL.WHEEL.STEER.ARIENS            |
| 12       | 431770     | 21547363        | DECAL.FENDER.SIDE.HYDRO.ARIENS      |
| 13       | 422816     | 21546695        | DECAL.FLAG                          |
| 14       | 160396     | 21546145        | DECAL.V-BELT.SCH.42/46"MEC/ELE      |
| 16       | 431717     | 21547248        | DECAL.HOOD.RH.3HIGH.ARIENS          |
| 20       | 145005     | 21546109        | DECAL.BAT.DAN/POI P/L SYM.WPN       |
| --       | 166960     | 21546177        | DECAL.BYPASS.FENDER.CRD/LT/YT       |
| --       | 193226X428 | 21546313        | PAD.FOOTREST.LH.TLT.BLACK.428       |
| --       | 193227X428 | 21546314        | PAD.FOOTREST.RH.TLT.BLACK.428       |
| --       | 434556     | 21547277        | MANUAL, OPERATOR'S (ENGLISH/FRENCH) |
| --       | 434558     | 21547284        | MANUAL, OPERATOR'S (SPANISH)        |
| --       | 435305     | 21547376        | MANUAL, PARTS (ENGLISH/FRENCH)      |

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

## WHEELS AND TIRES

| ITEM NO. | MFG. NO.   | ARIENS PART NO. | DESCRIPTION                       |
|----------|------------|-----------------|-----------------------------------|
| 1        | 59192      | 21546747        | CAP.VALVE.TIRE                    |
| 2        | 65139      | 21546751        | STEM.VALVE                        |
| 3        | 106732     | 21547254        | RIM.ASM.6"FRONT(W.GREY).643       |
| 4        | 59904      | 21546748        | TUBE FRONT (SERVICE ITEM ONLY)    |
| 5        | 106222X    | 21546034        | TIRE.F.TS.15 X 6.0 - 6.SERVICE    |
| 6        | 278H       | 21546547        | FITTING GREASE (FRONT WHEEL ONLY) |
| 7        | 9040H      | 21546832        | BEARING FLANGE (FRONT WHEEL ONLY) |
| 8        | 104757X428 | 21546023        | CAP.HUB.AXLE.W.GRY.1.50 X 1.00    |
| 9        | 420531     | 21546685        | TIRE.R.TS-LT.18 X 9.5-8.C.SERV.   |
| 10       | 7152J      | 21546755        | TUBE REAR (SERVICE ITEM ONLY)     |
| 11       | 106108     | 21547256        | RIM ASM.8"REAR.W.GRY.SRVCE.643    |
| --       | 144334     | 21546845        | SEALANT, TIRE (10 OZ. TUBE)       |

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