



# XD<sup>3</sup>

## Parts Manual

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### Models

911172 – LMP

(SN 020193+)

911174 – LMSP

(SN 021284+)

911178 – LMSPE

(SN 020805+)



The use of any gasoline exceeding 10% ethanol (E10) or 10% MTBE will void the product warranty.  
L'utilisation d'une essence contenant plus de 10% d'éthanol (E10) ou de 10% de MTBE annulent la garantie.  
El uso de cualquier otro tipo de gasolina con un porcentaje superior al 10% de etanol (E10) o al 10% de MTBE invalidará la garantía del producto.

## THE MANUAL

Before you operate your unit, carefully and completely read manuals supplied with the unit. The contents will provide you with an understanding of safety instructions and controls during normal operation and maintenance.

For your safety and the safety of others always read, understand, and follow all DANGER, WARNING, and CAUTION messages found in manuals and on safety decals.

Hardware descriptions are given in decimals.

| Decimals to Fractions |      |      |       |
|-----------------------|------|------|-------|
| .063                  | 1/16 | .563 | 9/16  |
| .125                  | 1/8  | .625 | 5/8   |
| .188                  | 3/16 | .688 | 11/16 |
| .250                  | 1/4  | .750 | 3/4   |
| .313                  | 5/16 | .813 | 13/16 |
| .375                  | 3/8  | .875 | 7/8   |
| .438                  | 7/16 | .938 | 15/16 |
| .500                  | 1/2  | 1.00 | 1     |

## SERVICE AND REPLACEMENT PARTS

When ordering replacement parts or making service inquiries, know the Model and Serial numbers of your unit and engine.

Numbers are located on the product registration card in the unit literature package. They are printed on a serial number label, located on the frame of your unit.

- Record Unit Model and Serial numbers here:

- Record Engine Model and Serial numbers here:

## UNAUTHORIZED REPLACEMENT PARTS

Use only Gravely replacement parts. The replacement of any part on this vehicle with anything other than a Gravely authorized replacement part may adversely affect the performance, durability, or safety of this unit and may void the warranty. Gravely disclaims liability for any claims or damages, whether warranty, property damage, personal injury or death arising out of the use of unauthorized replacement parts.

## PRODUCT REGISTRATION

The Gravely dealer must register the product at the time of purchase. Registering the product will help the company process warranty claims or contact you with the latest service information. All claims meeting requirements during the limited warranty period will be honored, whether or not the product registration card is returned. Keep a proof of purchase if you do not register your unit.

**Customer Note:** If Dealer does not register your product, please fill out, sign and return the product registration card to Gravely or go to [www.gravely.com](http://www.gravely.com).

## YOUR SATISFACTION IS IMPORTANT

Questions? Please follow these helpful steps:

1. Refer to the manuals supplied with your unit.  
They will guide you through safe and proper operation and maintenance.  
They contain specifications on your unit.  
If your questions are not answered in these manuals, go to step number two.
2. Contact Your Dealer.  
Our dealers will be happy to supply any service or advice required to keep your unit operating at peak efficiency.  
A factory trained staff is available to support your equipment needs. They stock genuine Gravely parts and lubricants manufactured with the same precision and skill as the original.  
If your questions are not resolved by the support staff, ask for the manager or owner.  
When contacting your Dealer supply your model and serial numbers.

## TO SPEED PARTS ORDERING:

1. Know the model and serial numbers of your unit.
2. Know the part number required.
3. Know the quantity required.
4. Know the part description.

## MODELS

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### **Model 911172 (XD<sup>3</sup>)**

4 Cycle, Gravely, 6hp

Recoil, Push

Serial No. 020193 and up

### **Model 911174 (XD<sup>3</sup>)**

4 Cycle, Subaru EA 175, 6hp

Recoil, Self Propelled

Serial No. 021284 and up

### **Model 911178 (XD<sup>3</sup>)**

4 Cycle, Subaru EA 175, 6hp

Electric/Recoil, Self Propelled

Serial No. 020805 and up

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### **DECALS**

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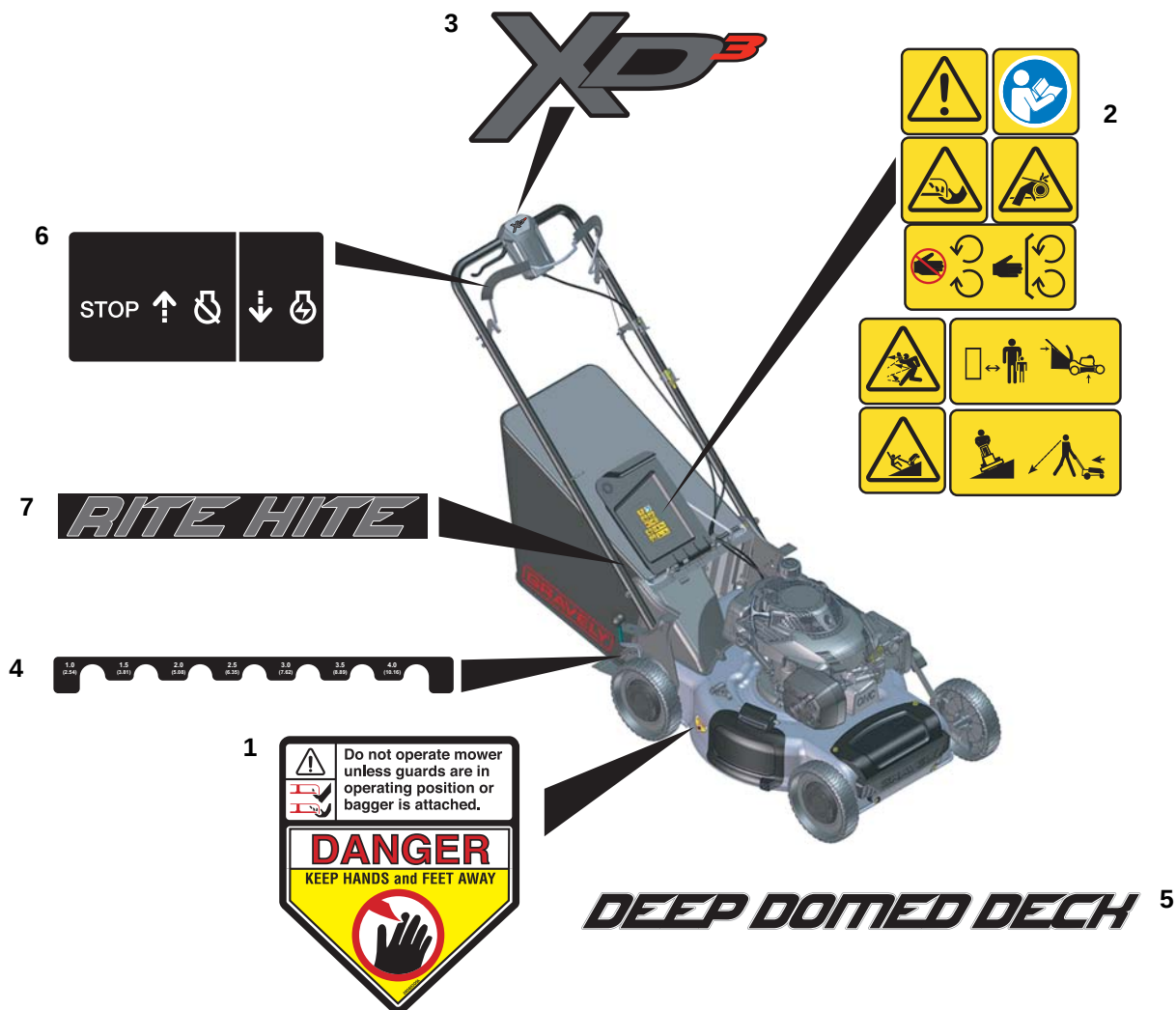
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# DECALS

Model All



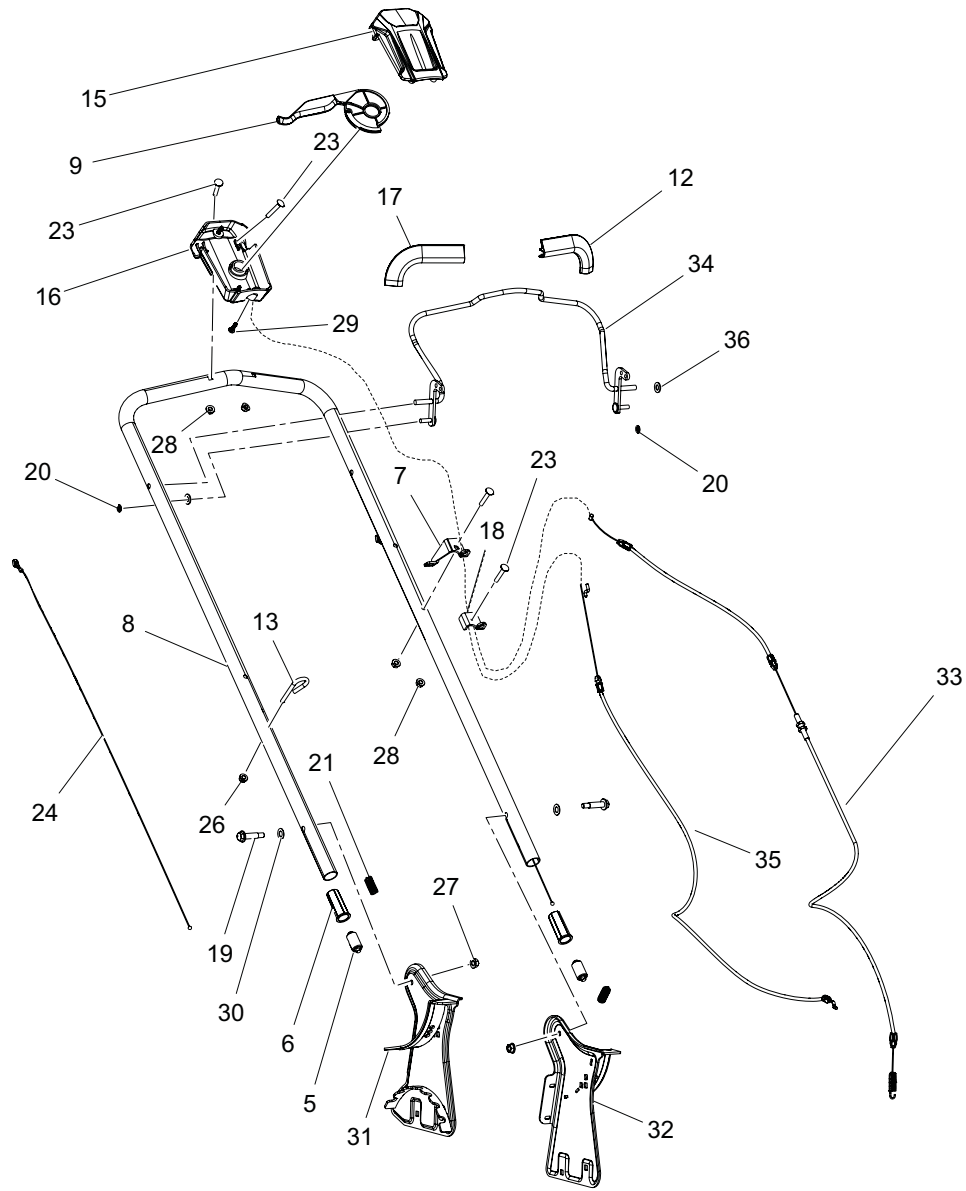
| Item | Part No. | Qty. | Description                            |
|------|----------|------|----------------------------------------|
| 1    | 08088300 | 1    | Decal, Danger                          |
| 2    | 07800404 | 1    | Decal, Main Safety                     |
| 3    | 07800417 | 1    | Decal, Gravely XD3 Style (911172)      |
|      | 07800417 | 2    | Decal, Gravely XD3 Style (911174, 178) |
| 4    | 07800413 | 1    | Decal, HOC (Height of Cut)             |
| 5    | 07800415 | 1    | Decal, Deep Dome Deck                  |
| 6    | 07761700 | 1    | Decal, Engine Control                  |
| 7    | 07800422 | 1    | Decal, Rite Hite                       |

## NOTES

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# HANDLEBAR AND CONTROLS

Model 911174, 178

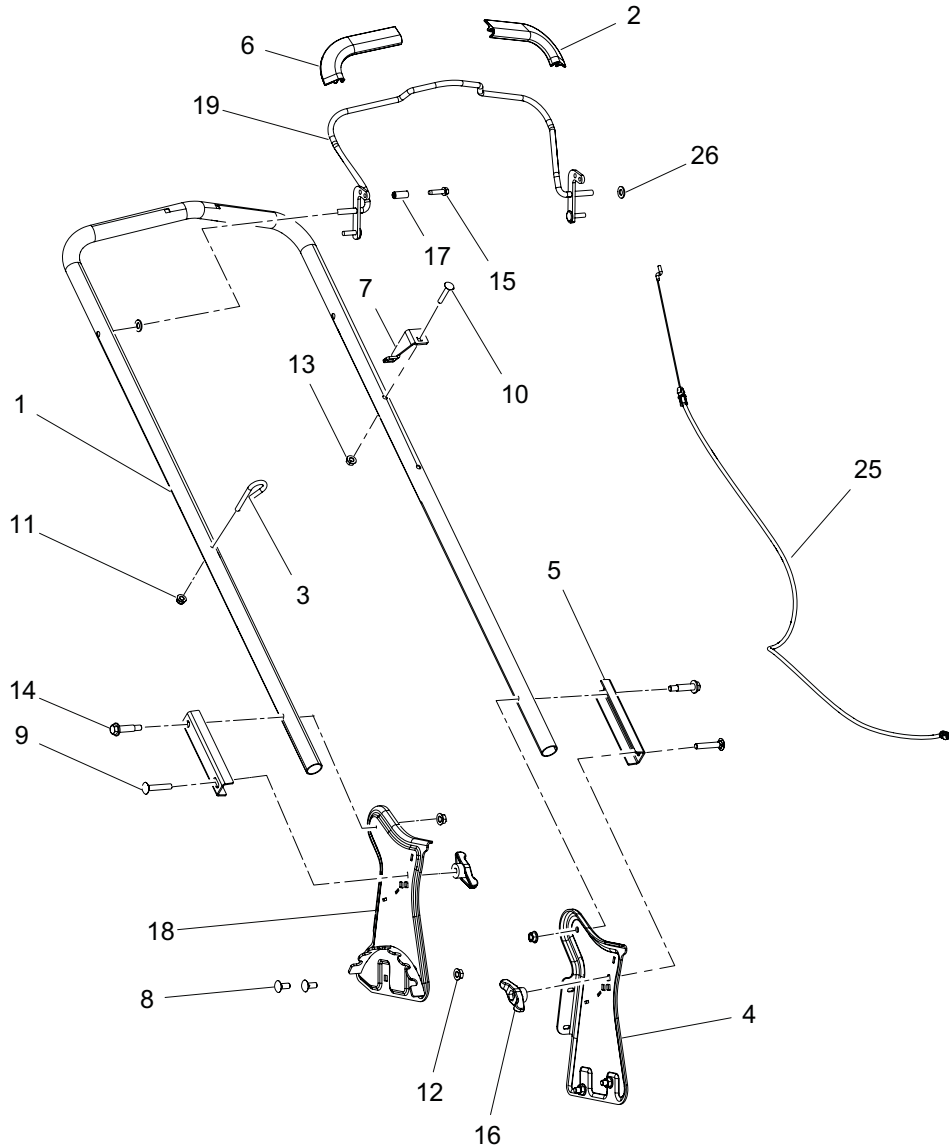


| BOM ID | Number   | Qty | Description                    |
|--------|----------|-----|--------------------------------|
| 5      | 04521400 | 2   | PIN, LM HANDLEBAR LOCKING      |
| 6      | 04528600 | 2   | HANDLEBAR ADJUSTMENT INSERT    |
| 7      | 04533651 | 1   | BRKT, CABLE ANCHOR             |
| 8      | 04535351 | 1   | HANDLEBAR,                     |
| 9      | 04535400 | 1   | HANDLE, DRIVE CONTROL          |
| 12     | 04535600 | 1   | GUARD, FINGER - LH             |
| 13     | 04535767 | 1   | GUIDE, RECOIL ROPE             |
| 15     | 04549000 | 1   | HOUSING, UPPER DRIVE CONTROL   |
| 16     | 04549100 | 1   | FRONT SQUEEZE BOX              |
| 17     | 04551100 | 1   | GUARD, FINGER - RH             |
| 18     | 04575351 | 1   | BRKT, CABLE - DRIVE            |
| 19     | 07001709 | 2   | BLT, SHLDR .50 X 1.30 X .38-16 |
| 20     | 07027600 | 2   | PUSH-NUT 1/4                   |
| 21     | 08300028 | 2   | SPRG, COMPRESSION              |

| BOM ID | Number   | Qty | Description                      |
|--------|----------|-----|----------------------------------|
| 23     | 06222300 | 4   | BLT-RDHDSQNK-GR5-Y               |
| 24     | 06900528 | 2   | ADJUSTABLE HANDLEBAR CABLE       |
| 26     | 06500012 | 1   | NUT-LK-NYL-FLG .25-20 YWZC       |
| 27     | 06543000 | 4   | NUT,LK-TOP-FLG                   |
| 28     | 06543500 | 4   | Nut-Hex Top Lock Flange          |
| 29     | 07400101 | 3   | SCR-TAP #12-14X.75 PLASTITE BLZC |
| 30     | 06400840 | 2   | WSHR-FL-STL .385x.745x.030 YWZC  |
| 31     | 04516351 | 1   | WLDMT, RH SIDE PLATE             |
| 32     | 04516451 | 1   | WLDMT, LH SIDE PLATE             |
| 33     | 06900535 | 1   | CABLE, DRIVE CONTROL             |
| 34     | 04535553 | 1   | BAIL, OPC                        |
| 35     | 06900529 | 1   | CABLE, OPC                       |
| 36     | 06437200 | 2   | @WSHR-FL-STL.344X.688X.065YWZC   |

# HANDLEBAR AND CONTROLS

Model 911172

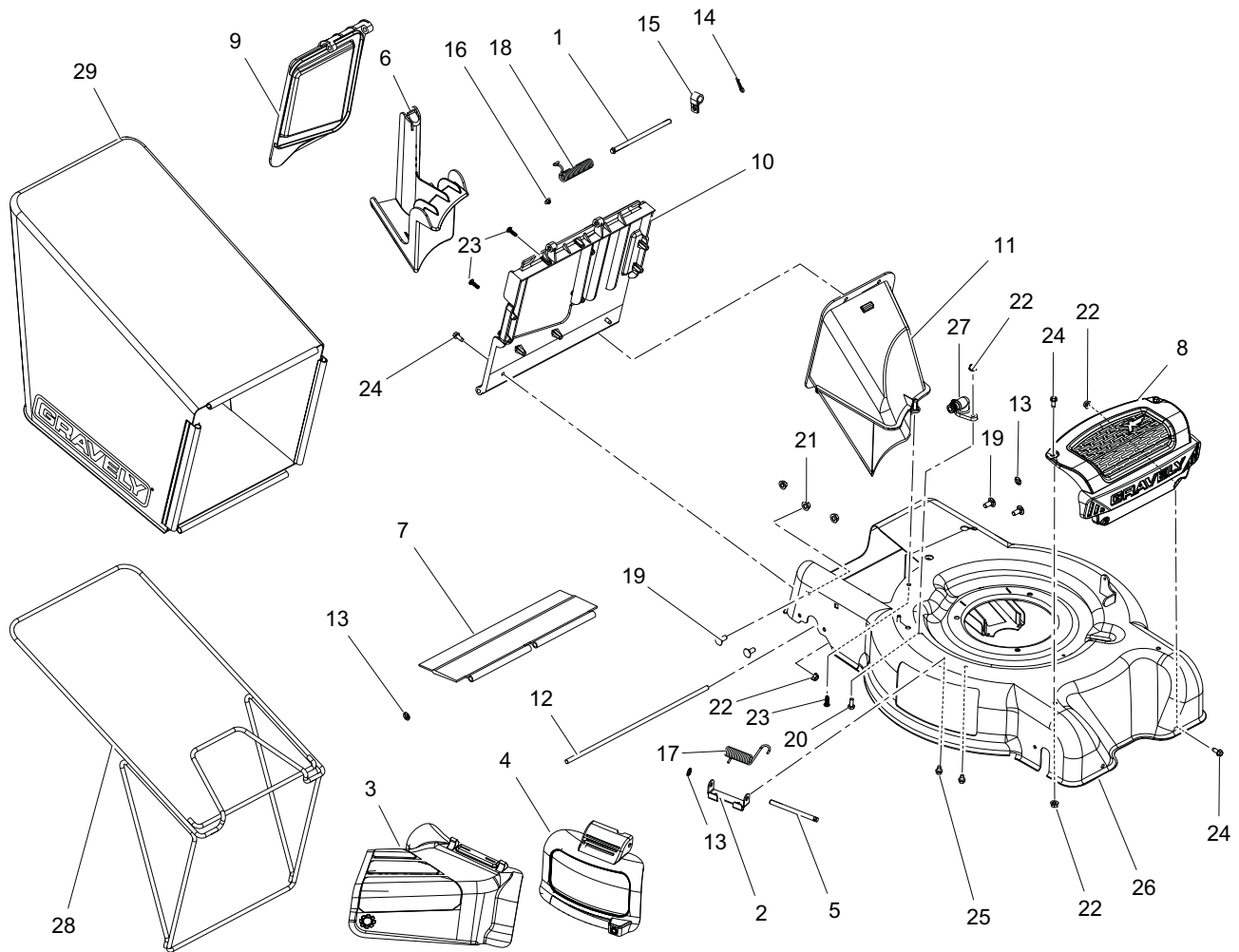


| BOM ID | Number   | Qty | Descriptio                        |
|--------|----------|-----|-----------------------------------|
| 1      | 04535351 | 1   | HANDLEBAR,                        |
| 2      | 04535600 | 1   | GUARD, FINGERH L                  |
| 3      | 04535767 | 1   | GUIDE, RECOIL ROPE                |
| 4      | 04542751 | 1   | SUPPORT, LH HANDLEBAR             |
| 5      | 04545551 | 2   | BRKT, HANDLEBAR FIXED ADJUST      |
| 6      | 04551100 | 1   | GUARD, FINGERH R                  |
| 7      | 04562951 | 1   | BRKT, CABLE ANCHOR - LM PUSH      |
| 8      | 06215700 | 4   | @BLT-RDHDSQNK .31-18X.75 G5 YWZC  |
| 9      | 06220200 | 2   | @BLT-RDHDSQNK .31-18X1.75 G5 YWZC |
| 10     | 06222300 | 1   | @BLT-RDHDSQNK .25-20X1.5 G5       |
| 11     | 06500012 | 1   | NUT-LK-NYL-FLG .25-20 YWZC        |

| BOM ID | Number   | Qty | Descriptio                     |
|--------|----------|-----|--------------------------------|
| 12     | 06543100 | 6   | @NUT, LK-TOP-FLG .312-18 YWZC  |
| 13     | 06543500 | 1   | @NUT, LK-TOP-FLG .25-20 YWZC   |
| 14     | 07001709 | 2   | BLT, SHLDR .50X1.30X.38-16 GR5 |
| 15     | 07412400 | 1   | SCR-TAP .25-20X1.00 HWH TR YZ  |
| 16     | 07500105 | 2   | KNOB, WING .31-18 UNC NYL/TALC |
| 17     | 07517000 | 1   | CAP, VINYL                     |
| 18     | 04542851 | 1   | WLDMT, RH SIDE PLATE-ARIENS    |
| 19     | 04535553 | 1   | BAIL, OPC                      |
| 25     | 06900529 | 1   | CABLE, OPC                     |
| 26     | 06437200 | 2   | @WSHR-FL-STL.344X.688X.065YWZC |

# MOWER DECK AND BAGGER

## Model All

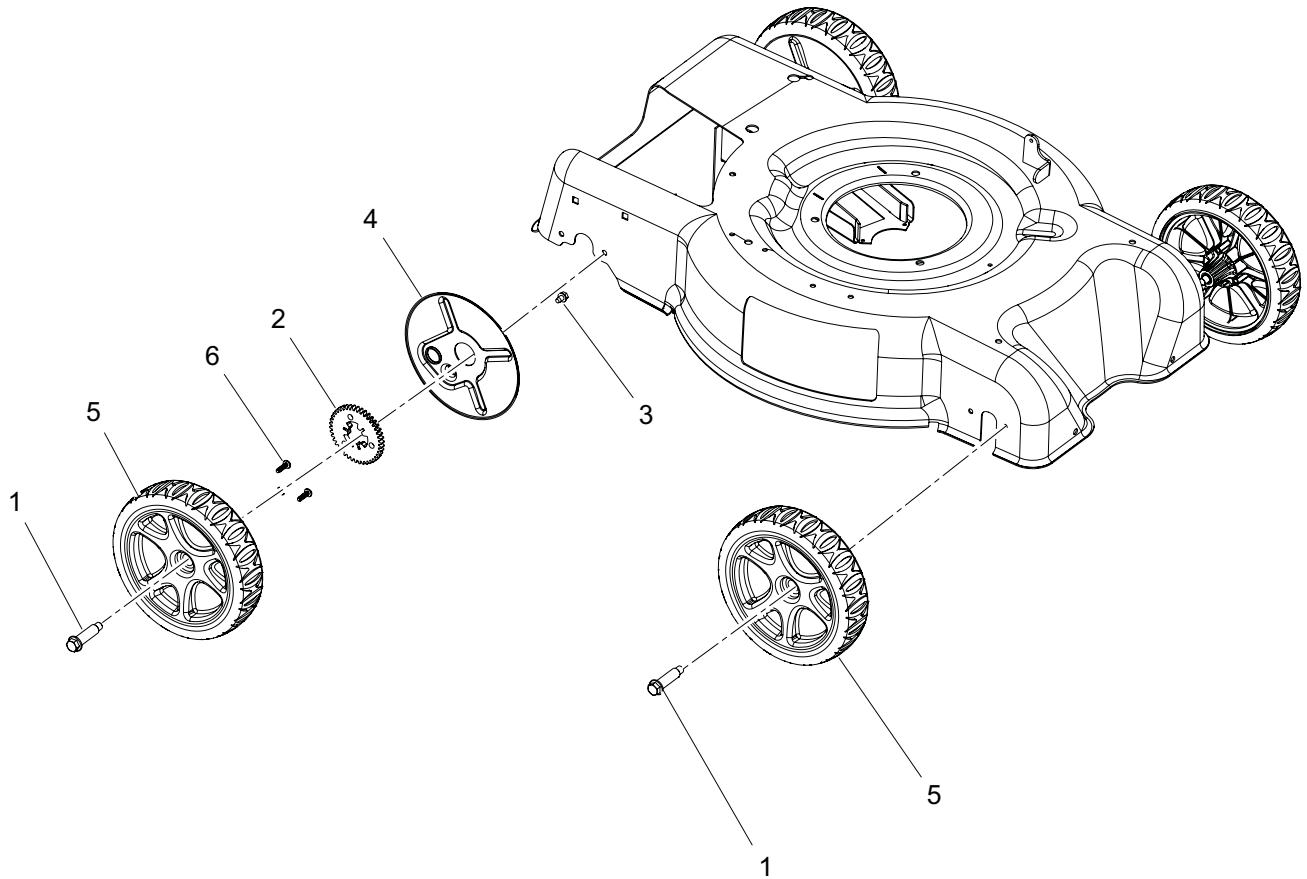


| BOM ID | Number   | Qty | Description                  |
|--------|----------|-----|------------------------------|
| 1      | 00475800 | 1   | PIN, 5/16 X 5.80"            |
| 2      | 04514651 | 1   | BRKT, HINGE LM               |
| 3      | 04514800 | 1   | CHUTE, SIDE DISCHARGE - LM   |
| 4      | 04514900 | 1   | COVER, SIDE DISCHARGE - LM   |
| 5      | 04534000 | 1   | PIN, SIDE DISCHARGE          |
| 6      | 04534300 | 1   | PLUG, MULCH                  |
| 7      | 04534400 | 1   | GUARD, REAR                  |
| 8      | 04534500 | 1   | TRIM, FRONT                  |
| 9      | 51116800 | 1   | REAR DOOR WITH SAFETY DECAL  |
| 10     | 04534700 | 1   | HANGER, BAG                  |
| 11     | 04547900 | 1   | DOOR, BAGGER                 |
| 12     | 04556200 | 1   | ROD, REAR GUARD              |
| 13     | 06514900 | 3   | NUT, PUSH .312               |
| 14     | 06713500 | 1   | PIN, HAIR INT .08X.18X1.18 Y |
| 15     | 06900512 | 1   | CLAMP, LM CABLE              |

| BOM ID | Number   | Qty | Description                        |
|--------|----------|-----|------------------------------------|
| 16     | 07500301 | 2   | PLUG, 5/16 HOLE, .125 MATL PLASTIC |
| 17     | 08300535 | 1   | SPRG, TORSION                      |
| 18     | 08322400 | 1   | SPRG, TORSION                      |
| 19     | 06215700 | 4   | @BLT-RDHDSQNK .31-18X.75 G5 YWZC   |
| 20     | 05900338 | 2   | @BLT-HEX .25-20X.63 GR5 YWZC       |
| 21     | 06543100 | 4   | @NUT, LK-TOP-FLG .312-18 YWZC      |
| 22     | 06543500 | 8   | @NUT, LK-TOP-FLG .25-20 YWZC       |
| 23     | 07400101 | 11  | SCR-TAP #12-14X.75 PLASTITE BLZC   |
| 24     | 07400103 | 6   | SCR-TAP .25-20X.62 HWH TR YWZ      |
| 25     | 07411600 | 2   | SCR-TAP .25-20X.37 HWH YWZ TR      |
| 26     | 51116600 | 1   | DECK WITH SAFETY DECAL             |
| 27     | 04428900 | 1   | ASM, WASHOUT PORT W/ O-RING        |
| 28     | 04520653 | 1   | FRAME, BAGGER                      |
| 29     | 04544200 | 1   | BAGGER, GRASS GRAVELY              |

# WHEELS

## Model All

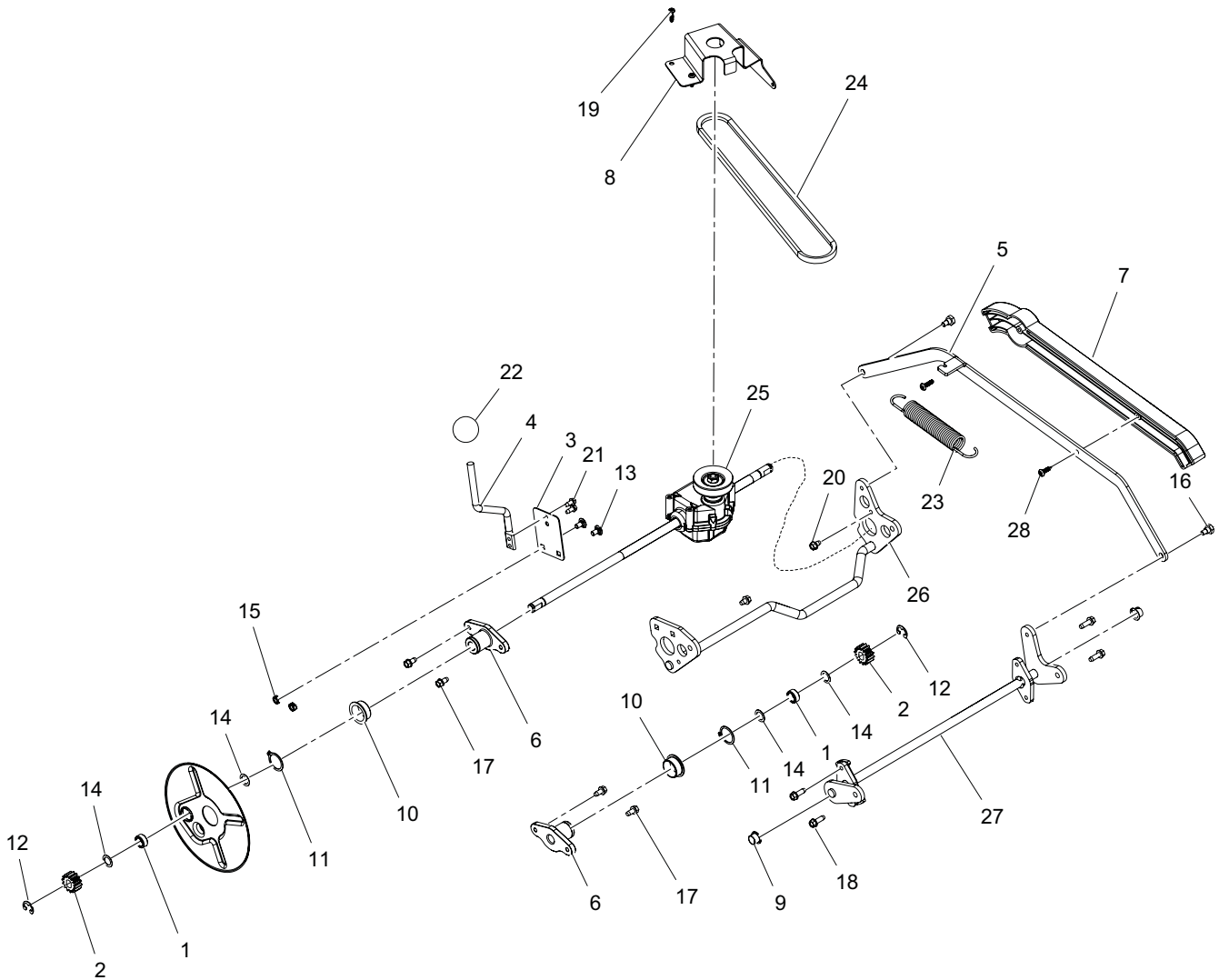


| BOM ID | Number   | Qty | Description                                    |
|--------|----------|-----|------------------------------------------------|
| 1      | 01265100 | 4   | BOLT, SHLDR                                    |
| 2      | 01291000 | 2   | GEAR, WHEEL (911174, 178)                      |
| 3      | 07411600 | 2   | SCR-TAP .25-20X.37 HWH YWZ TR (911174, 178)    |
| 4      | 04580600 | 2   | COVER, WHEEL - ARIENS LM SPECIAL (911174, 178) |

| BOM ID | Number   | Qty | Description                                    |
|--------|----------|-----|------------------------------------------------|
| 5      | 07101009 | 4   | WHEEL, LM - 2013 SPECIAL                       |
| 6      | 07400101 | 3   | SCR-TAP #12-14X.75 PLASTITE BLZC (911174, 178) |

# TRANSMISSION (911174, 178) AND HEIGHT OF CUT

## Model All

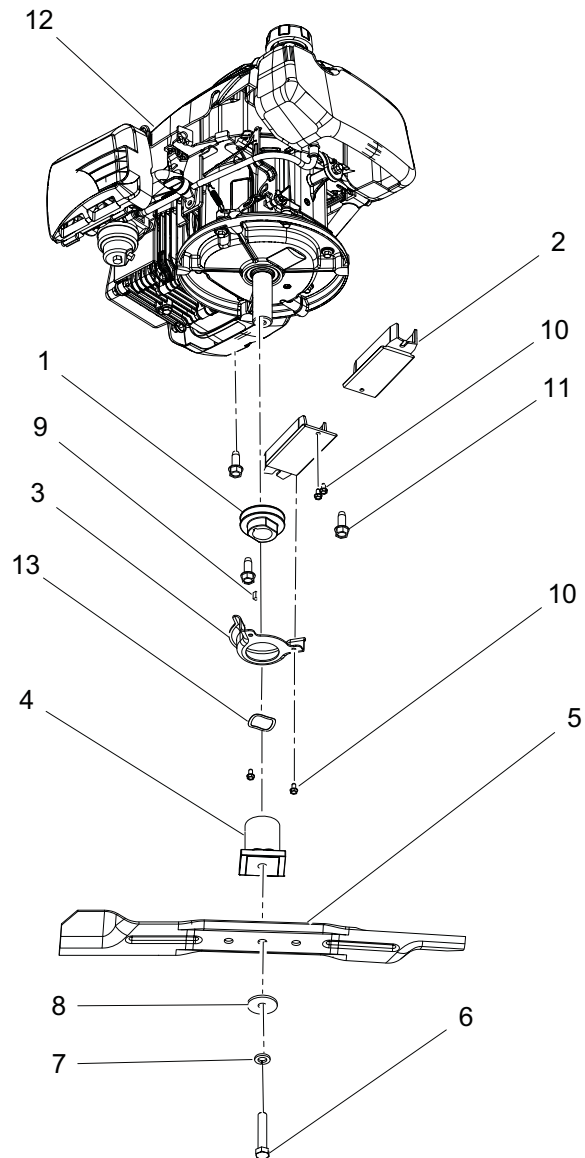


| BOM ID | Number   | Qty | Description                         |
|--------|----------|-----|-------------------------------------|
| 1      | 00211100 | 2   | SPCR, PM .500ID X .750D X .321      |
| 2      | 04507500 | 2   | GEAR, PINION, LM WHEEL DRIVE        |
| 3      | 04513751 | 1   | PLATE, HOC SPRING                   |
| 4      | 04516167 | 1   | LEVER, HOC ADJUST                   |
| 5      | 04516253 | 1   | LINK, HOC CONNECT                   |
| 6      | 04516900 | 2   | HUB, LM REAR AXLE                   |
| 7      | 04534200 | 1   | COVER, LINK ROD                     |
| 8      | 04534951 | 1   | GUIDE, BELT TRANSMISSION            |
| 9      | 05500026 | 2   | BSHG, SPLIT NYLON                   |
| 10     | 05501124 | 2   | BSHG, FLANGE 1.0x1.125x.50x1.375    |
| 11     | 05706200 | 2   | RG-RTNG-EXT 1.00X.042               |
| 12     | 05710200 | 2   | RG-RTNG-EXT .500X.042 (E)           |
| 13     | 06220600 | 2   | @BLT-RDHD SQNK .25-20X.50 G5 Y      |
| 14     | 06400015 | 4   | WASHER-FLAT-STL, .500 X .750 X .020 |
| 15     | 06500635 | 2   | @NUT-LK-CTR-JAM .25-20 YWZC         |

| BOM ID | Number   | Qty | Description                               |
|--------|----------|-----|-------------------------------------------|
| 16     | 07001708 | 2   | BOLT, SHLDR .320X.210X.25-20 SELF-TAPPING |
| 17     | 07400034 | 4   | SCR-TAP .25-20X.50 HWH TR YWZ             |
| 18     | 07400111 | 4   | SCR-TAP .25-20X.75 HWH TR YWZ             |
| 19     | 07400112 | 3   | SCR-TAP #10-14X.75 PLASTITE BLZC          |
| 20     | 07411600 | 2   | SCR-TAP .25-20X.37 HWH YWZ TR             |
| 21     | 07411900 | 2   | SCR-TAP 12-24X.50 HWH TR YWZC             |
| 22     | 07533500 | 1   | KNOB, BALL -BLACK 1.47" .375-16           |
| 23     | 08316800 | 1   | SPRG, EXTENSION                           |
| 24     | 07200633 | 1   | BELT                                      |
| 25     | 04509200 | 1   | TRANSAXLE, AUTOMATIC, LM, 9:1             |
| 26     | 04515967 | 1   | WLDMT, LM REAR AXLE                       |
| 27     | 04516067 | 1   | WLDMT, LM FRONT AXLE                      |
| 28     | 07400101 | 2   | SCR-TAP #12-14X.75 PLASTITE BLZC          |

# ENGINE AND BLADE

## Model All

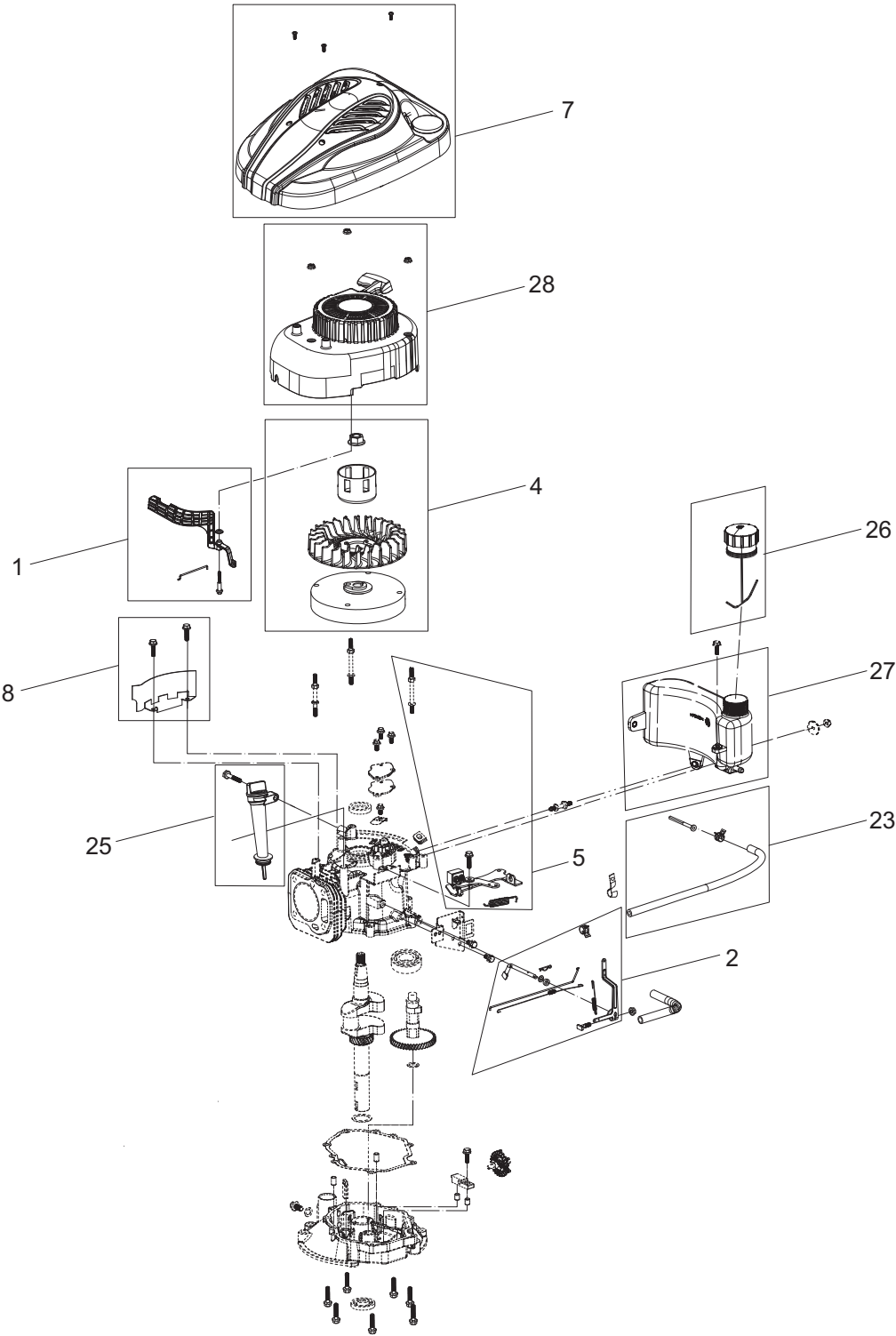


| BOM ID | Number   | Qty | Description                            |
|--------|----------|-----|----------------------------------------|
| 1      | 04527000 | 1   | PULLEY, GROUND DRIVE, LM (911174, 178) |
| 2      | 04533700 | 2   | GUIDE, BELT - INNER                    |
| 3      | 04533851 | 1   | GUIDE, BELT CRANKSHAFT (911174, 178)   |
| 4      | 04539400 | 1   | ADAPTOR, BLADE                         |
| 5      | 04544400 | 1   | BLADE, MOWER 21" HIGH-LIFT             |
| 6      | 05901515 | 1   | @BLT-HEX .44-20X2.25 GR8 YWZC          |
| 7      | 06309300 | 1   | @WSHR-LK .44X.109 REG YWZC             |

| BOM ID | Number   | Qty | Description                                   |
|--------|----------|-----|-----------------------------------------------|
| 8      | 06400925 | 1   | WSHR-FL-STL .4375X1.50X.125 YWZC              |
| 9      | 06600219 | 1   | KEY-SQ .188X.188X.625 (911174, 178)           |
| 10     | 07400033 | 4   | SCR, TAP 10-24X.375 PRE-COAT 80 (911174, 178) |
| 10     | 07400033 | 2   | SCR, TAP 10-24X.375 PRE-COAT 80(911172)       |
| 11     | 07414100 | 3   | SCR-TAP .38-16X1.00 HWH TR YZ                 |
| 12     | 08200825 | 1   | ENGINE, SUBARU (911174)                       |
| 12     | 08200827 | 1   | ENGINE, SUBARU, ELECTRIC (911178) N/S         |
| 12     | 21110001 | 1   | ENGINE, SERVICE, AC SERIES (911172) N/S       |
| 13     | 09250700 | 1   | WASHER, WAVE (911174, 178)                    |

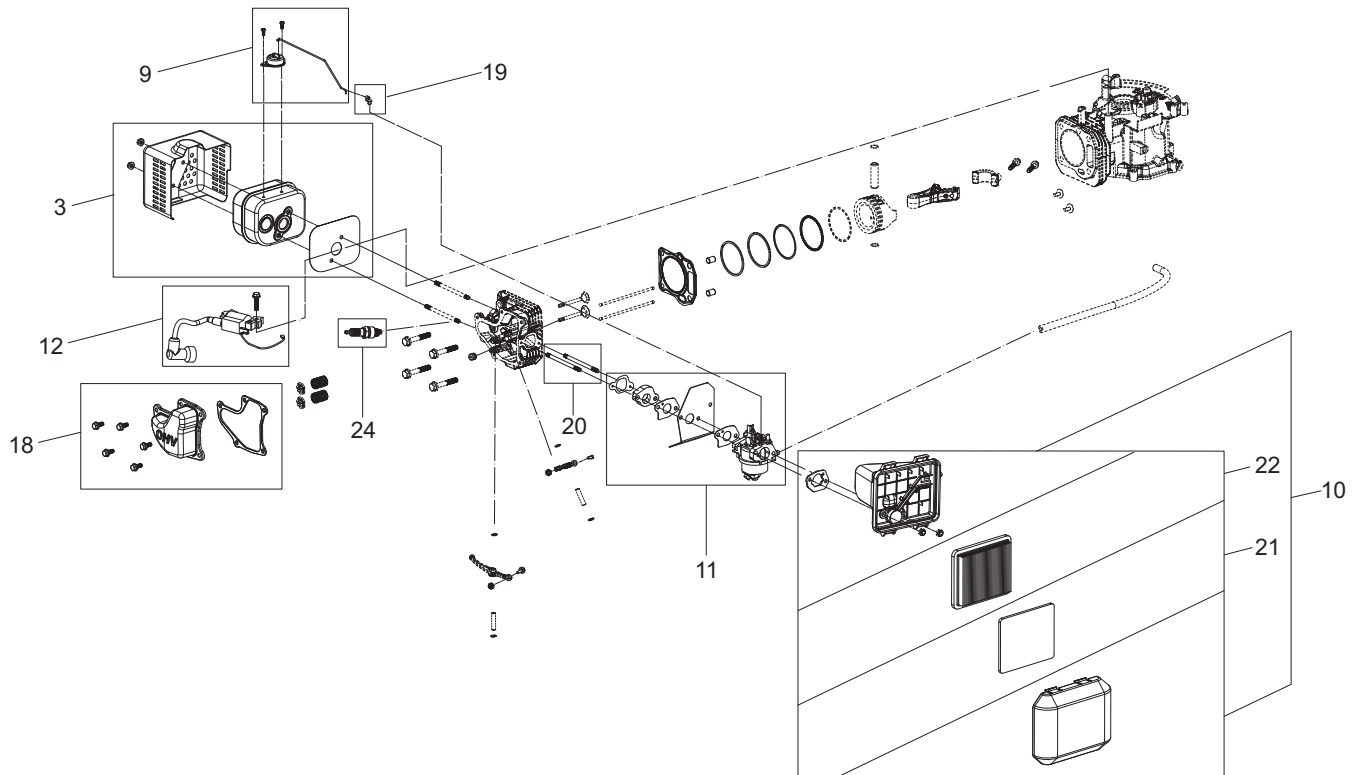
# ENGINE KIT COMPONENTS

Model 911172



# ENGINE KIT COMPONENTS (CONT'D)

Model 911172



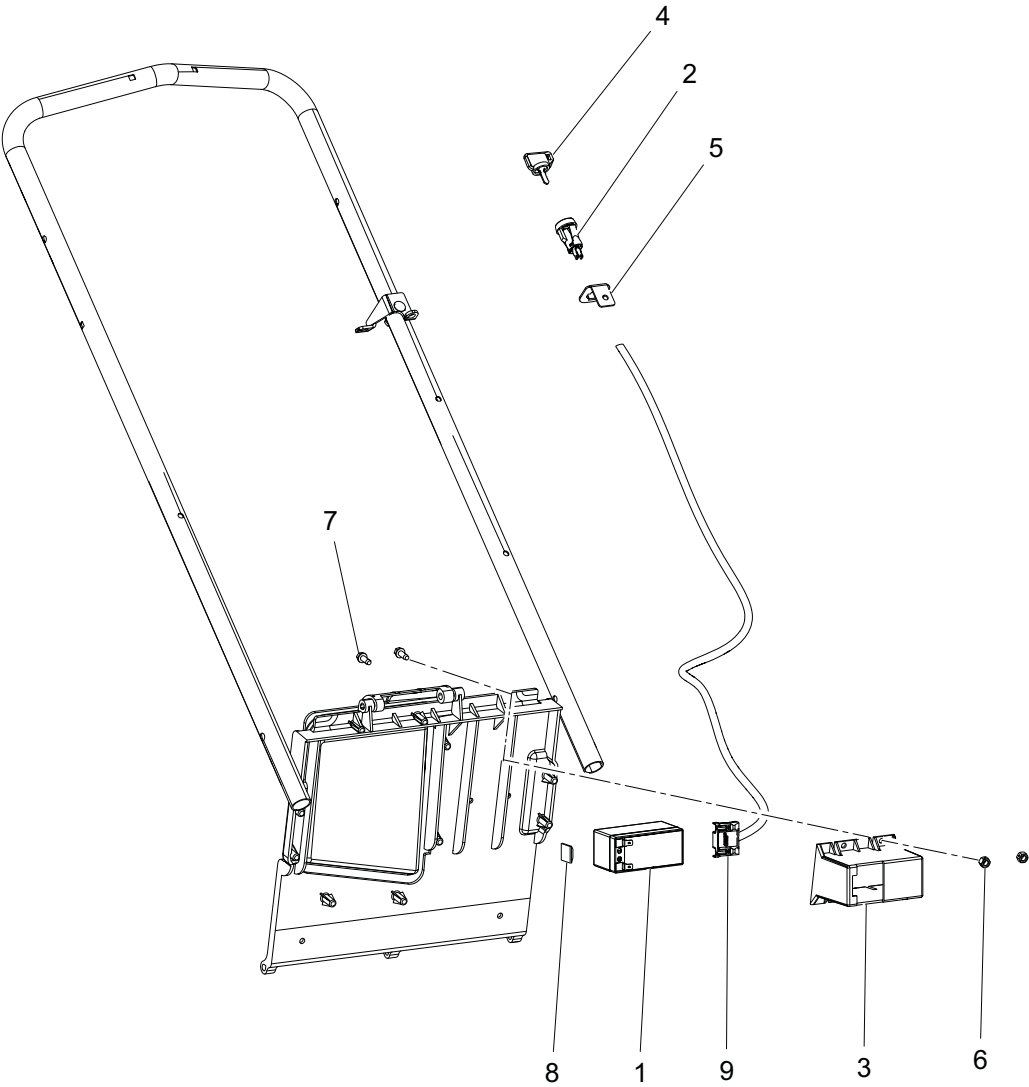
## ENGINE KIT COMPONENTS (CONT'D)

### Model 911172

| BOM ID | Number   | Qty | Description                            |
|--------|----------|-----|----------------------------------------|
| 1      | 21110201 | 1   | AIR VANE CHOKE KIT                     |
| 2      | 21110202 | 1   | GOVERNOR ARM KIT                       |
| 3      | 21110203 | 1   | MUFFLER AND SHIELD KIT                 |
| 4      | 21110204 | 1   | FLYWHEEL AND FAN KIT - RECOIL START    |
| 5      | 21110205 | 1   | KIT BRAKE ASSEMBLY RECOIL              |
| 7      | 21110207 | 1   | KIT ARIENS STYLE                       |
| 8      | 21110208 | 1   | KIT FLYWHEEL SHIELD                    |
| 9      | 21110209 | 1   | THERMAL CHOKE CONTROL KIT              |
| 10     | 21110210 | 1   | KIT-AIR CLEANER ASM, 2 HINGE           |
| 11     | 21110211 | 1   | CARBURETOR COMPLETE KIT                |
| 12     | 21110212 | 1   | IGNITION COIL KIT                      |
| 13     | 21110213 | 1   | SEAL AND GASKET KIT (NOT SHOWN)        |
| 18     | 21110218 | 1   | KIT-VALVE COVER (1P65FA)               |
| 19     | 21110219 | 1   | LOCK-THROTTLE                          |
| 20     | 21110220 | 1   | STUD-INTAKE                            |
| 21     | 21100220 | 1   | AIR FILTER, FOAM PRE-FILTER            |
| 22     | 21100121 | 1   | AIR FILTER ELEMENT                     |
| 23     | 21110225 | 1   | FUEL LINE WITH STRAINER                |
| 24     | 21100123 | 1   | SPARK PLUG                             |
| 25     | 21110221 | 1   | OIL FILTER TUBE/CAP                    |
| 26     | 21110223 | 1   | GAS CAP WITH CANISTER                  |
| 27     | 21110234 | 1   | FUEL TANK                              |
| 28     | 21110224 | 1   | RECOIL ASSEMBLY                        |
| 29     | 21110001 | 1   | ENGINE, SERVICE, AC SERIES (NOT SHOWN) |

# ELECTRICAL COMPONENTS

Model 911178



| BOM ID | Number   | Qty | Description        |
|--------|----------|-----|--------------------|
| 1      | 04536800 | 1   | BATTERY, SMALL AGM |
| 2      | 04536900 | 1   | SWITCH, KEY        |
| 3      | 04537200 | 1   | COVER, BATTERY     |
| 4      | 04556300 | 1   | KEY, LM ELEC START |
| 5      | 04573351 | 1   | BRKT, KEY SWITCH   |

| BOM ID | Number   | Qty | Description                   |
|--------|----------|-----|-------------------------------|
| 6      | 06529700 | 2   | @NUT-LK-CTR .25-20 YWZC       |
| 7      | 07400103 | 2   | SCR-TAP .25-20X.62 HWH TR YWZ |
| 8      | 07525100 | 1   | STOP,                         |
| 9      | 04537100 | 1   | HARNESS, ELEC START - SUBARU  |
| 10     | 04537000 | 1   | CHARGER, BATTERY (N/S)        |



GRAVELY  
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Brillion, WI 54110  
920-756-4688  
Fax 920-756-2407  
[www.gravelly.com](http://www.gravelly.com)

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