



**ARIENS®**

**RAZOR®**

**Operator's Manual**  
**Manuel du Utilisateur**  
**Manual del operador**

**Models / Modelos**

**911607 – Push**

(SN 000101 +)

**911609 – Self-Propelled with REFLEX™ Drive**

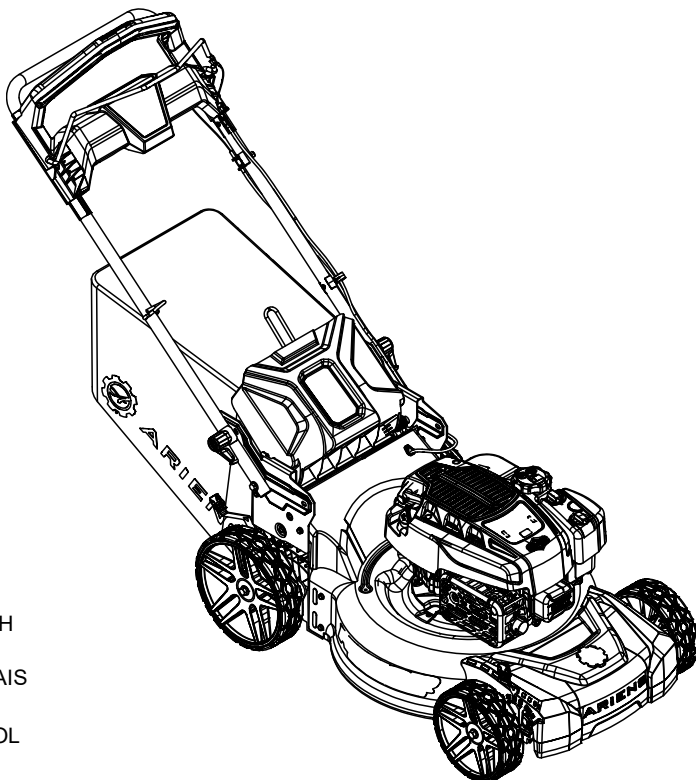
(SN 000101 +)

**911614 – Self-Propelled Dual Blade with REFLEX™ Drive**

(SN 000101 +)

**911608 – Self-Propelled**

(SN 000101 +)



**EN** ENGLISH

**FR** FRANÇAIS

**ES** ESPAÑOL



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# WELCOME

Congratulations on your purchase and welcome to the Ariens family! Every machine in the Ariens lineup is designed for long-lasting and unsurpassed performance. We are confident your machine will be part of your family for many years to come.

## Have Questions or Need Assistance?

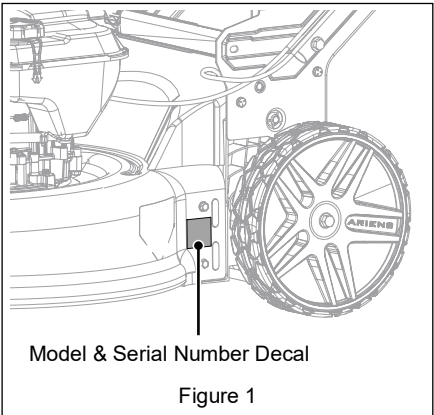
[www.ariens.com](http://www.ariens.com)

A parts manual for your unit is available for free download or purchase at [www.ariens.com](http://www.ariens.com).

### REGISTER YOUR PRODUCT!

It is extremely important to register your product at time of purchase. Product registration activates the warranty and establishes a communication link from AriensCo.

Locate the model and serial number decal on your unit and register those numbers online at [www.ariens.com](http://www.ariens.com). See Figure 1 for decal location. Be aware that the original selling dealer may have already completed product registration on behalf of the original purchaser.



Record model number here.

Record serial number here.

### MANUALS

Before operating or servicing the unit, carefully and completely read the manuals provided with the unit. They contain safety instructions and important information about unit controls.

The engine on this unit is covered by a separate manual. Refer to the engine manual for engine service recommendations. Contact the engine manufacturer for a replacement manual if necessary.

Your dealer must review important information in this manual with you before or upon delivery of the unit. It is your responsibility to read and understand all safety precautions and instructions in the manuals. If you do not understand or have difficulty following the instructions, contact your Ariens dealer for assistance. To locate your nearest Ariens dealer, go to [www.ariens.com](http://www.ariens.com).

### DISCLAIMER

Ariens reserves the right to discontinue, make changes to, and add improvements upon its products at any time without public notice or obligation. The descriptions and specifications contained in this manual were in effect at printing. Equipment described in this manual may be optional. Some illustrations may not be applicable to your unit.

## SAFETY

Read these safety rules and follow them closely. Failure to follow these rules could lead to loss of control of unit, severe personal injury or death to you or bystanders, or result in damage to property or the machine.

### PRACTICES AND LAWS

Practice usual and customary safe working precautions. Learn applicable rules and laws in your area. ALWAYS follow the practices set forth in this manual.

### EMISSION CONTROL SYSTEM

This equipment and/or its engine may include exhaust and evaporative emissions control system components required to meet U.S. Environmental Protection Agency (EPA) and/or California Air Resources Board (CARB) regulations. Tampering with emission controls and components by unauthorized personnel may result in severe fines or penalties. Emission controls and components can only be adjusted by an Ariens Company dealer or an authorized engine manufacturer's service center. Contact your Ariens Company Equipment Retailer concerning emission controls and component questions.

### REQUIRED OPERATOR TRAINING



Read and understand the Operator's Manual and decals on the unit. This information is for your safety and the proper use of your equipment. Failure to follow these

instructions and warnings may cause death or serious injury. If you have purchased this product from an Ariens dealer, the dealer can provide you with training.

Familiarize yourself and any other operators with all controls and the safe use of the features of this unit. If you loan, rent or sell this product to others, provide them with all manuals.

If you have any questions, please call our customer support line at 920-756-4688 or contact us at [www.ariens.com](http://www.ariens.com). DO NOT use this equipment if, after reading the Operator's Manual and the on-board decals, you have any questions about the safe use of this product.



**WARNING:** This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the safety instructions in the manuals and on decals could result in serious injury or death.

### SAFETY ALERT SYMBOLS



This is the safety alert symbol. It means:

- **ATTENTION!**
- **YOUR SAFETY IS INVOLVED!**

When you see this symbol:

- **BECOME ALERT!**
- **OBEY THE MESSAGE!**

### SIGNAL WORDS

The safety alert symbol above and signal words below are used on decals and in this manual. Read and understand all safety messages.

#### 1. Danger



**DANGER:** Indicates an **IMMINENTLY HAZARDOUS SITUATION!** If not avoided, **WILL RESULT** in death or serious injury.

#### 2. Warning



**WARNING:** Indicates a **POTENTIALLY HAZARDOUS SITUATION!** If not avoided, **COULD RESULT** in death or serious injury.

#### 3. Caution



**CAUTION:** Indicates a **POTENTIALLY HAZARDOUS SITUATION!** If not avoided, **MAY RESULT** in minor or moderate injury. It may also be used to alert against unsafe practices.

#### 4. Notice

**NOTICE:** Indicates information or procedures that are considered important but not hazard related. If not followed, property damage could result.

## 5. Important

**IMPORTANT:** Indicates general reference information worthy of special attention.

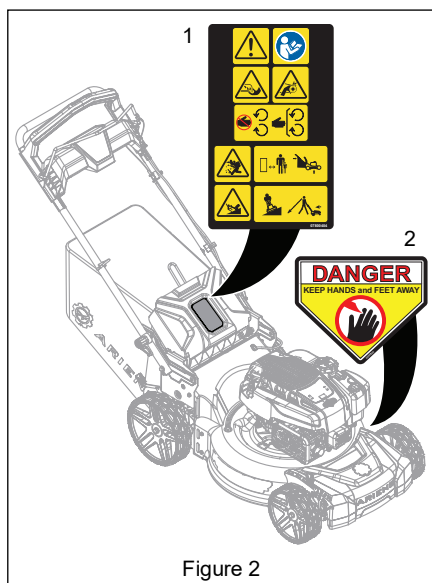
### SAFETY DECALS

The safety decals on your machine are visual reminders of the important safety information in this manual. All messages on your unit must be fully understood and carefully followed. Safety decals on the machine are explained below.

ALWAYS replace missing or damaged safety decals. Replacement decal information is in the parts manual for your machine. Decals can be ordered from your dealer.

See Figure 2 for safety decal locations.

### Safety Decal Identification



### Safety Decal Description

#### 1. DANGER!



DANGER!



Read and understand the operator's manual before operating unit.

### 1.1 Amputation Hazard



To avoid amputation hazard DO NOT put hands near rotating blades.



To avoid amputation hazard DO NOT put hands or feet near moving belts.



Keep hands and feet away from all rotating or moving parts.

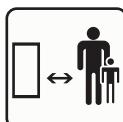


Keep all guards and shields in place.

### 1.2 Discharge Hazard



Discharge Hazard – NEVER direct discharge toward people, pets or property. Thrown objects can cause injury or damage.



Keep children and others away from unit while unit is in operation.



DO NOT operate mower unless guards are in operating position or entire bagger is attached.

### 1.3 Tipping Hazard



**SERIOUS INJURY OR DEATH MAY RESULT FROM MACHINE ROLLOVER**

- Failure to follow these instructions could result in serious injury or death
- DO NOT operate machine on steep slopes or near drop offs
- Avoid sharp and/or quick turns



**DO NOT** operate on slopes.



Look down and behind before and while moving backward.

### 2. DANGER!



Keep hands and feet away from all rotating or moving parts.

### SAFETY RULES

The following safety instructions are based on the B71.1 specifications of the American National Standards Institute and ISO 5395 in effect at the time of production.

#### Training

Read, understand, and follow all instructions on the machine and in the manuals before starting.

Be sure the area is clear of bystanders and pets before operating. Stop machine if anyone enters the area.

Improper use of power equipment can cause serious permanent injury or death to the operator or a bystander.

Understand:

- How to operate all controls
- The functions of all controls
- How to STOP in an Emergency

If the operator or the mechanic cannot read the manual, it is the owner's responsibility to explain it to them.

**ALWAYS** train any inexperienced operators and require them to read and understand all manuals and decals.

Only allow responsible adults, who are familiar with the instructions, to operate this machine.

Only the user can prevent and is responsible for accidents or injuries occurring to themselves, other people or property.

#### Operator Age

**DO NOT** allow children under the age of 18 to operate any outdoor power equipment.

Local regulations may restrict the age of the operator.

#### Children

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. **NEVER** assume that children will remain where you last saw them.

Be alert and turn mower off if a child enters the area.

**NEVER** allow children to operate the machine.

Use extreme care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child.

Keep children out of the mowing area and in the watchful care of a responsible adult other than the operator.

#### Personal Protection

**DO NOT** wear loose clothing or jewelry and tie back hair that may get caught in rotating parts.

Wear adequate outer garments.

Wear adequate safety gear and protective gloves.

|                                                                                               |
|-----------------------------------------------------------------------------------------------|
| DO NOT operate machine barefooted or while wearing sandals. ALWAYS wear substantial footwear. |
| ALWAYS wear eye and ear protection when operating machine.                                    |

### Before Operating

|                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Keep all nuts and bolts tight to be sure the equipment is in safe working condition.                                                                                                                              |
| Maintain the machine to be in compliance with the maintenance schedule.                                                                                                                                           |
| Clean grass and debris from unit, especially from around muffler and engine, to help prevent fires.                                                                                                               |
| Inspect unit before each use for missing or damaged decals and shields, correctly operating safety interlock system, and deterioration of grass catchers. Replace or repair as needed.                            |
| Ensure safety interlock system is functioning properly. DO NOT operate unit if safety interlock is damaged or disabled.                                                                                           |
| NEVER tamper with safety devices. Check their proper operation regularly. NEVER do anything to interfere with the intended function of a safety device or to reduce the protection provided by the safety device. |
| Keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel-soaked debris.                                                                                    |

### Operation

|                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Releasing the operator presence control (OPC) halts engine and blade within 3 seconds.                                                                                                              |
| Check this feature frequently. If feature fails to operate, disconnect spark plug wire and adjust as necessary or have the unit inspected and repaired by an authorized Ariens dealer before using. |
| Be sure the area is clear of bystanders before operating. Stop machine if anyone enters the area.                                                                                                   |
| NEVER operate machine in a closed or poorly ventilated area.                                                                                                                                        |
| ALWAYS maintain unit in safe operating condition. Damaged or worn out muffler can cause fire or explosion.                                                                                          |

|                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| This product is equipped with an internal combustion type engine. DO NOT use unit on or near any unimproved, forest-covered or brush covered land unless exhaust system is equipped with a spark arrester meeting applicable local, state or federal laws. A spark arrester, if it is used, must be maintained in effective working order by operator. |
| DO NOT operate machine while feeling tired, ill or under the influence of alcohol or other drugs.                                                                                                                                                                                                                                                      |
| DO NOT put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.                                                                                                                                                                                                                                   |
| DO NOT touch parts which are hot. Allow parts to cool.                                                                                                                                                                                                                                                                                                 |
| DO NOT operate machine without the entire grass catcher, discharge guard, or other safety devices in place and working.                                                                                                                                                                                                                                |
| ALWAYS keep hands and feet away from all pinch points.                                                                                                                                                                                                                                                                                                 |
| NEVER operate mower in wet grass. ALWAYS be sure of your footing; walk; NEVER run.                                                                                                                                                                                                                                                                     |
| NEVER direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. Stop the blade(s) when crossing gravel surfaces.                                                                                                                                             |
| Disengage the drive system, if so equipped, before starting the engine (motor).                                                                                                                                                                                                                                                                        |
| If the machine should start to vibrate abnormally, stop the engine (motor) and check for the cause immediately. Vibration is generally a warning of trouble.                                                                                                                                                                                           |
| Keep safety devices or guards in place and functioning properly. NEVER modify or remove safety devices.                                                                                                                                                                                                                                                |
| DO NOT pull machine backward unless absolutely necessary. ALWAYS look down and behind before and while moving backward.                                                                                                                                                                                                                                |
| Stop engine before removing grass catcher or unclogging chute.                                                                                                                                                                                                                                                                                         |
| If you strike a foreign object, stop and inspect the machine. Repair, if necessary, before restarting.                                                                                                                                                                                                                                                 |
| NEVER leave a running machine unattended.                                                                                                                                                                                                                                                                                                              |

Stop the engine (motor) and wait until the blade(s) comes to a complete stop before cleaning the machine, removing grass catcher, or unclogging the discharge guard.

On self-propelled models, wheel drive must be disengaged when starting engine.

On self-propelled models, releasing wheel drive control must stop mower's forward movement. If this feature fails to operate, disconnect spark plug wire and repair before using unit.

Lightning can cause severe injury or death. If lightning is seen or thunder is heard in the area, do not operate the machine; seek shelter.

## Operating Conditions

Watch for traffic when operating near or crossing roadways.

Clear the area of objects such as rocks, wire, toys, etc., which could be thrown by the blades. Stay behind the handle when the engine (motor) is running.

Use care when approaching blind corners, shrubs, trees or other objects that may obscure vision.

Dust, smoke, fog, etc. can reduce vision and cause an accident.

Operate machine only in daylight or good artificial light.

See manufacturer's instructions for proper operation and installation of accessories. Only use accessories approved by the manufacturer.

## Slope Operation

Slopes are a major factor related to loss of control and tip-over accidents, which can result in severe injury or death. Operation on all slopes requires extra caution. If you feel uneasy on it, DO NOT mow it.

Mow across slopes, NEVER up and down. Exercise caution when changing direction on slopes.

Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could cause a slip and fall accident. Tall grass can hide obstacles.

DO NOT mow wet grass or excessive steep slopes. Poor footing could cause a slip and fall accident.

DO NOT operate near drop-offs, ditches, or embankments. You could lose your footing or balance.

## Fuel

To avoid personal injury or property damage, use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive.

Ethanol blends must not exceed E10. Higher ethanol content may cause your machine to run hotter and damage your engine.

Replace fuel cap securely and clean up spilled fuel before starting engine.

Extinguish all cigarettes, cigars, pipes, and other sources of ignition.

Use only an approved gasoline container.

NEVER store the machine or fuel container where there is an open flame, spark, or pilot light such as on a water or space heater or other appliances.

NEVER fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. ALWAYS place containers on the ground away from your vehicle before filling.

NEVER fuel the machine indoors.

NEVER remove gas cap or add fuel with the engine running. Allow engine to cool before fueling.

Fuel is highly flammable and its vapors are explosive. Handle with care. Use only an approved gasoline container with an appropriately sized dispensing spout.

NO smoking, NO sparks, NO flames.

Remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment with a portable container, rather than from a gasoline dispenser nozzle.

Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until the fueling is complete. DO NOT use a nozzle lock-open device.

NEVER overfill fuel tank. Replace gas cap and tighten securely.

If fuel is spilled on clothing, change clothing immediately.

|                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Accessories</b>                                                                                                                      |
| Check grass catcher components and the discharge guard frequently and replace with the manufacturer's recommended parts when necessary. |
| Use only Ariens Company-recommended attachments that are appropriate to your use and can be used safely in your application.            |

|                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Service</b>                                                                                                                                                   |
| Maintain or replace safety and instruction labels, as necessary.                                                                                                 |
| Keep unit free of debris. Clean up oil or fuel spills.                                                                                                           |
| DO NOT change engine governor setting or overspeed the engine.                                                                                                   |
| NEVER make any adjustments or repairs with the engine (motor) running. *Disconnect the spark plug wire and ground against engine to prevent unintended starting. |
| Allow engine to cool before servicing.                                                                                                                           |
| Moving parts can cut or amputate fingers or a hand. On multiblade mowers, rotation of one blade will cause all blades to rotate.                                 |
| NEVER weld or straighten mower blades.                                                                                                                           |
| Mower blades are sharp. Wrap the blade or wear gloves, and use extra caution when servicing them.                                                                |
| The use of non-genuine replacement parts or accessories could adversely affect machine operation and safety.                                                     |

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| <b>Transporting Unit</b>                                                                            |
| Use extra care when loading or unloading the machine onto a truck or into a trailer.                |
| Secure unit chassis to transport vehicle. NEVER secure from rods or linkages that could be damaged. |
| DO NOT transport machine while engine is running.                                                   |
| ALWAYS stop engine and shut off fuel when transporting unit.                                        |

|                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                                                                                                                                                       |
| NEVER store unit with fuel in fuel tank, inside a building where any ignition sources are present.                                                                   |
| Keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel-soaked debris. Allow machine to cool before storing. |
| For extended storage, shut off fuel and clean unit thoroughly. See engine manual for proper storage.                                                                 |

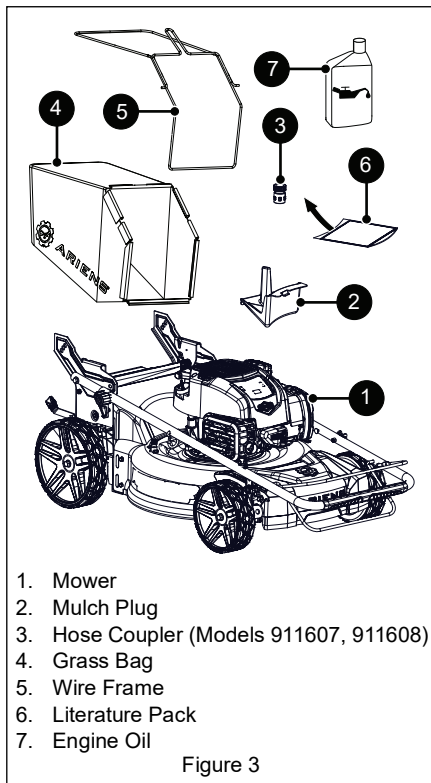
## ASSEMBLY



**CAUTION: AVOID INJURY.** Read and understand the *Safety* section before proceeding.

### PACKAGE CONTENTS

See Figure 3.



1. Mower
2. Mulch Plug
3. Hose Coupler (Models 911607, 911608)
4. Grass Bag
5. Wire Frame
6. Literature Pack
7. Engine Oil

Figure 3

## ASSEMBLY

1. Remove contents from box.
2. Remove protective film from engine and other components.
3. Adjust handlebar to the desired operating position. See *Adjust Handlebar Height* on page 13.
4. Add engine oil. Refer to engine manual.
5. Secure grass bag clips to wire frame.
6. Adjust height-of-cut (HOC) levers to desired setting. See *Adjust Cutting Height* on page 13.
7. Prepare mower for bagging, rear discharge or mulching. See *Prepare For Mowing* on page 11.

# CONTROLS & FEATURES

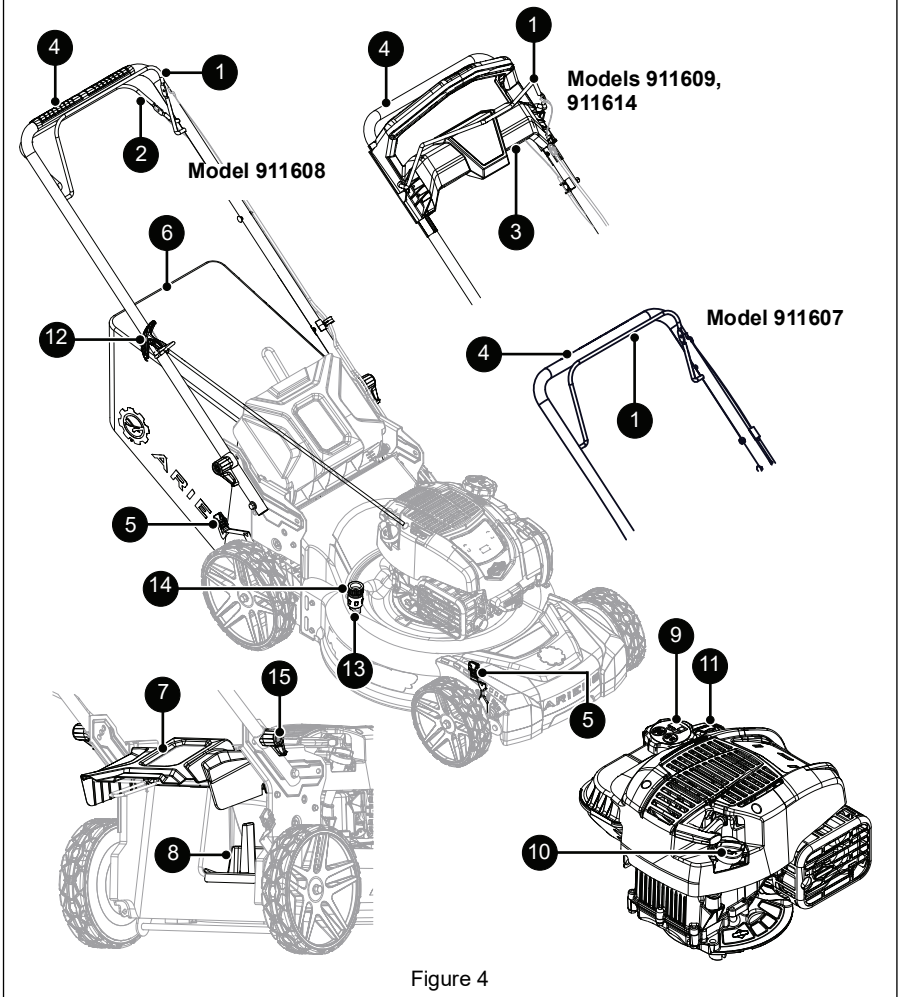


Figure 4

1. Operator Presence Control (OPC) Lever
2. Wheel Drive Control Lever (Model 911608)
3. REFLEX Drive Handle (Models 911609, 911614)
4. Handlebar
5. Height-of-Cut (HOC) Adjustment Lever (2)
6. Grass Bag
7. Rear Door
8. Mulch Plug
9. Fuel Tank and Cap
10. Oil Fill / Dipstick
11. Air Filter
12. Recoil Starter Handle
13. Deck Washout Port (Models 911607, 911608)
14. Hose Coupler (Models 911607, 911608)
15. Handlebar Adjustment Knob (2)



**CAUTION: AVOID INJURY.** Read and understand the *Safety* section before proceeding.

See Figure 4 for all controls and features locations.

## OPERATOR PRESENCE CONTROL (OPC) LEVER

See Figure 5.

Allows for engine start, operation and blade rotation when pulled against handlebar. Lever **MUST** remain engaged to mow.

When released, blade rotation disengages and engine stops.

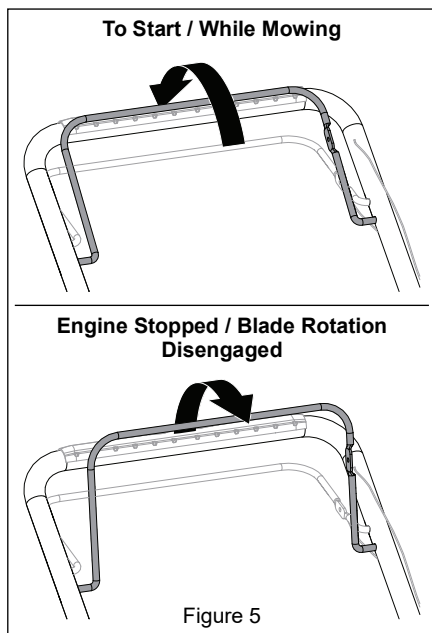


Figure 5

**IMPORTANT:** Releasing the OPC lever stops engine and blade within 3 seconds. If feature fails, see your Ariens dealer.

## REAR DOOR

Opens to collect grass clippings while bagging. Mulch plug must be removed before operating with bagger.

## MULCH PLUG

Installs in rear panel for mulching setup. See *Mulching Grass Clippings* on page 12.

## GRASS BAG

Collects grass clippings for bagging setup. See *Bagging Grass Clippings* on page 12.

## HANDLEBAR

Height-adjustable for operator comfort. See *Adjust Handlebar Height* on page 13.

## CUTTING HEIGHT-ADJUSTMENT LEVER

Adjusts cutting height from 2.5 cm – 10.2 cm (1" – 4"). See *Adjust Cutting Height* on page 13.

## DECK WASHOUT PORT

**Models 911607, 911608**

When secured to coupler, garden hose fastens to washout port and washes grass clippings and debris from under deck. See *Wash Deck* on page 16.

## REFLEX DRIVE HANDLE

**Models 911609, 911614**

See Figure 6.

When pushed down, engages REFLEX drive and propels mower forward at operator's pace. Release lever to stop wheel drive.

REFLEX drive system has variable speed control. The closer its position to the bottom of the pace match guide the faster the mower drives forward.

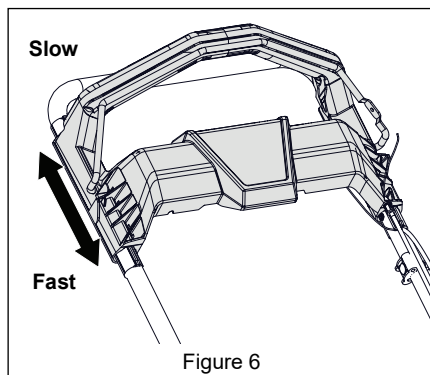


Figure 6

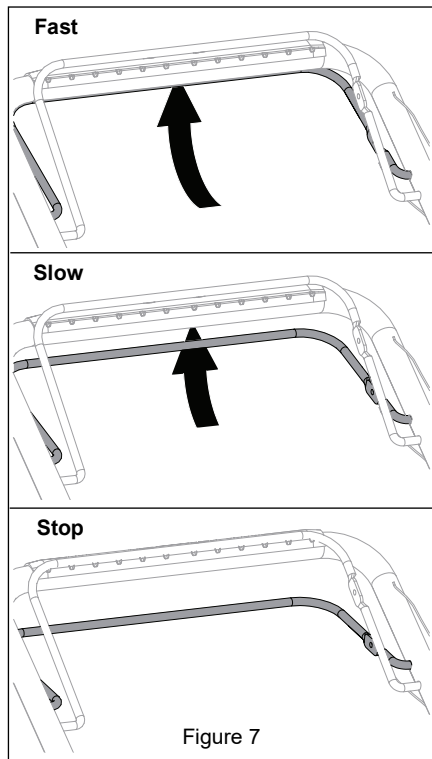
## WHEEL DRIVE CONTROL LEVER

Model 911608

See Figure 7.

When pulled toward handlebar, engages wheel drive and propels mower forward. Release lever to stop wheels.

Lever has variable speed control. The closer its position to the handlebar, the faster the mower drives forward.



## BEFORE OPERATION



**CAUTION:** AVOID INJURY. Read and understand the *Safety* section before proceeding.

**IMPORTANT:** All references to left, right, front or rear are given from the perspective of operator in operator's position, facing the direction of forward travel.

1. Know how to stop in an emergency. See *Emergency Stopping* on page 14.
2. Check fuel level and add fuel if needed.

**IMPORTANT:** Use fresh unleaded fuel with an octane rating of at least 87. DO NOT use E85 blended fuels; the engine is not E15 / E20 / E30 / E85 compatible. The maximum recommended ethanol content is 10%. Ariens recommends using a quality fuel stabilizer in all fuel. See *Short-Term Storage* on page 28.

3. Check engine oil level and add oil if needed. Refer to engine manual.
4. Check air filter condition. Refer to engine manual.
5. Check function of all controls.

### EMPTY GRASS BAG

1. Lift rear door slightly and remove bag from bag mount. See Figure 9.
2. Slowly return rear door to closed position.
3. Empty bag.

**NOTICE:** Clean bag and mower pan after bagging. DO NOT allow grass to collect inside bag or mower pan. See *Clean Grass Bag* on page 16.

### PREPARE FOR MOWING

Mowing setup may be adjusted between mulching, bagging, and rear discharge.



**CAUTION:** NEVER operate mower with rear door open unless bag is installed.



**CAUTION:** If clog or obstruction prevents grass discharge, stop engine, wait for moving parts to stop and for hot parts to cool before clearing obstruction.

## Bagging Grass Clippings



**CAUTION:** Bag wears from normal use. Check bag frequently for wear and replace if necessary.

1. Stop engine and wait for moving parts to stop and for hot parts to cool.
2. Lift rear door and remove mulch plug. See Figure 8.

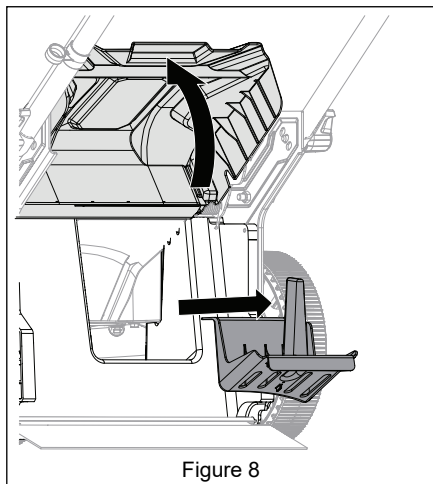


Figure 8

3. Hold rear door open and install grass bag onto bag mount. Release rear door. See Figure 9.

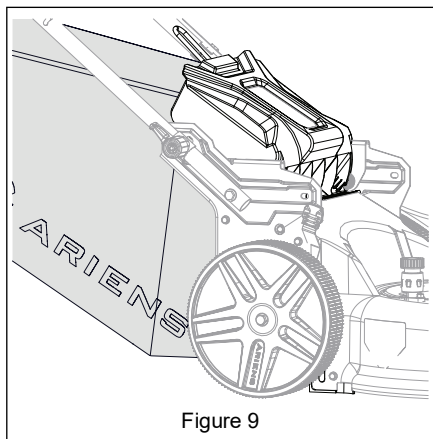


Figure 9



**CAUTION:** There should be no gaps between bagger and mounting surface. If necessary, clear debris from bag mounting surface.

## Rear Discharging Grass Clippings

1. Stop engine and wait for moving parts to stop and for hot parts to cool.
2. Remove grass bag. See *Empty Grass Bag* on page 11.
3. Lift rear door and remove mulch plug. See Figure 8.
4. Slowly return rear door to closed position.

## Mulching Grass Clippings

1. Stop engine and wait for all moving parts to stop and for hot parts to cool.
2. Lift rear door and install mulch plug. See Figure 10.

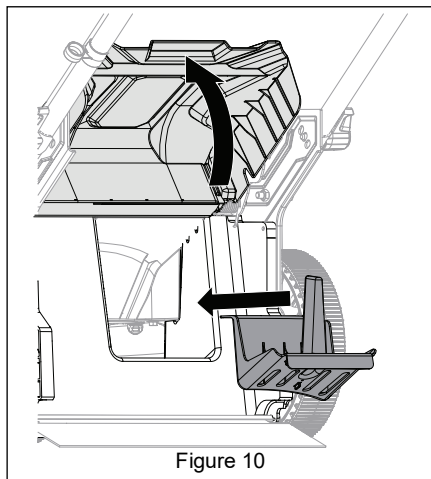
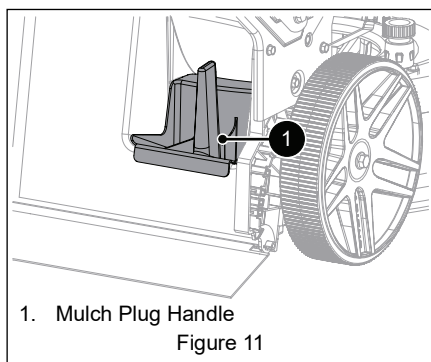


Figure 10

**IMPORTANT:** Mulch plug locks into position. Ensure that mulch plug is secure by gently pulling bottom of plug handle. See Figure 11.



1. Mulch Plug Handle

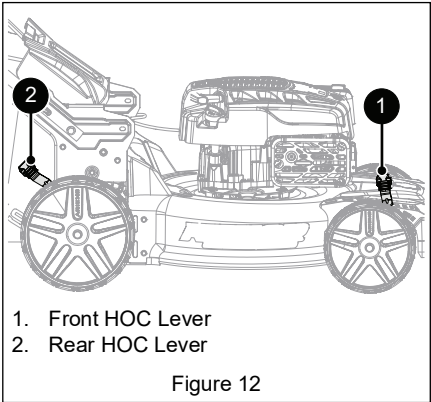
Figure 11

3. Slowly return rear door to closed position.

**ADJUST CUTTING HEIGHT**

- 1. Stop engine and wait for all moving parts to stop and for hot parts to cool.
- 2. Pull HOC adjustment lever out of notch and rotate lever to desired height setting. Repeat on second adjustment lever. See Figure 12.

**IMPORTANT:** Set both HOC levers to the same setting.

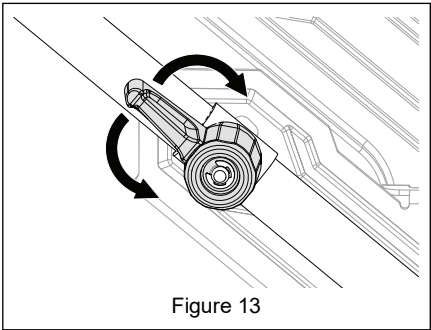


**CUTTING HEIGHT SETTINGS**

| Notch | Desired Grass Height |
|-------|----------------------|
| 1     | 2.5 cm (1.0")        |
| 2     | 3.8 cm (1.5")        |
| 3     | 5.0 cm (2.0")        |
| 4     | 6.4 cm (2.5")        |
| 5     | 7.6 cm (3.0")        |
| 6     | 8.9 cm (3.5")        |
| 7     | 10.2 cm (4.0")       |

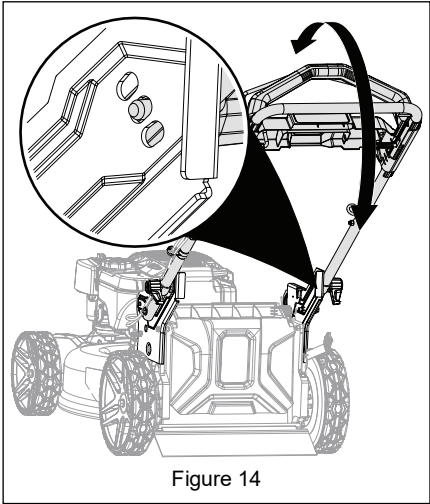
**ADJUST HANDLEBAR HEIGHT**

- 1. Rotate handlebar adjustment knobs 1/4 turn up or down. See Figure 13.



See Figure 14.

- 2. Position handlebar at desired height.
- 3. Align handlebar with desired mounting holes.
- 4. Return adjustment knobs to operating position. Ensure pins are secure in brackets.



## OPERATION



**CAUTION: AVOID INJURY.** Read and understand the *Safety* section before proceeding.

**IMPORTANT:** All references to left, right, front or rear are given from the perspective of operator in operator's position, facing the direction of forward travel.

### EMERGENCY STOPPING

1. Release the operator presence control (OPC) lever.
2. *Models 911609, 911614 only:* Pull back and release REFLEX drive handle.  
*Model 911608 only:* Release wheel drive control lever.
3. Wait for moving parts to stop before leaving operator's position.

### START THE ENGINE

1. Pull operator presence control (OPC) lever against handlebar and hold position.
2. Pull recoil starter handle.
  - a. Grasp handle and pull rope out slowly until it pulls harder.
  - b. Pull handle firmly and quickly with a rapid, continuous full-arm stroke.
  - c. Repeat until engine starts. If engine does not start, see *Troubleshooting* on page 27.

### MOW GRASS

1. Start the engine. See *Start the Engine* on page 14.
2. *Model 911607:* Push handlebar to move mower forward.  
*Models 911609, 911614:* Engage REFLEX drive handle to move mower forward. Release REFLEX drive handle to stop wheel drive.  
*Model 911608:* Engage wheel drive control lever to move mower forward. Release lever to stop wheel drive.
3. To make turns, stop forward motion, push handlebar down slightly and rotate mower left or right.

## REVERSE MOWER

**IMPORTANT:** Mower does not have a powered reverse.

**IMPORTANT:** If mower wheels lock when pulling in reverse push mower forward to unlock wheels. If problem persists see *Adjust Wheel Drive Control Lever / REFLEX Drive Handle* on page 21.

#### **Model 911607:**

1. Pull back on handlebar to move mower in reverse.

#### **Models 911609, 911614:**

1. Pull back on REFLEX handle to move mower in reverse.

#### **Model 911608:**

1. Release drive level and pull back on handlebar to move mower in reverse.

### STOP ENGINE

#### **Model 911607**

1. Release OPC lever and move unit to a flat, level surface.

#### **Models 911609, 911614**

1. Release REFLEX drive handle.
2. Release OPC lever and move unit to a flat, level surface.

#### **Model 911608**

1. Release wheel drive control lever.
2. Release OPC lever and move unit to a flat, level surface.

### MOWING TIPS

- Cut grass when it is dry.
- Keep mower blades sharp.
- DO NOT set cutting height too low. For tall grass, mow twice.
- DO NOT mow too fast.
- Vary cutting pattern with each mowing.

**IMPORTANT:** To prevent dirt and grass from collecting on mower pan, avoid operating over bare ground with only patches of grass.

### MULCHING TIPS

- Cut no more than 2.5 cm (1") of grass per cutting.

## MAINTENANCE



**CAUTION: AVOID INJURY.** Read and understand the *Safety* section before proceeding.

Your Ariens dealer can provide service and adjustments to keep your unit operating at peak efficiency. Contact an authorized engine manufacturer's service center for engine service.

## MAINTENANCE SCHEDULE

| Service Performed                | Each Use | Every 5 hrs. | Every 25 hrs. | Every 100 hrs. |
|----------------------------------|----------|--------------|---------------|----------------|
| Check Operator Presence Control  | •        |              |               |                |
| Check Wheel Drive Control        | •        |              |               |                |
| Check Grass Bag                  | •        |              |               |                |
| Clean Unit                       | •        |              |               |                |
| Check Engine Oil *               | •        |              |               |                |
| Check Cooling Fins *             | •        |              |               |                |
| Check Mower Blade                | •        |              |               |                |
| Check Drive Belt                 | •        |              |               |                |
| Check Fasteners                  | •        |              |               |                |
| Wash Deck                        |          | •            |               |                |
| Clean Grass Bag                  |          | •            |               |                |
| Check Air Filter *               |          |              | •             |                |
| Change Engine Oil *              |          |              | •             |                |
| General Lubrication              |          |              | •             |                |
| Check OPC Lever Cable Adjustment |          |              | •             |                |
| Check Spark Plug *               |          |              |               |                |
| Clean Engine Cooling Fins *      |          |              |               | •              |
| Check Muffler                    |          |              |               | •              |

\* Refer to engine manual for instructions.

## SERVICE PARTS

See your Ariens dealer to purchase service parts for your unit.

| Description                                            | Part No. |
|--------------------------------------------------------|----------|
| Air Cleaner (Models 911607, 911609, 911608)            | 21575020 |
| Air Filter                                             | 21575023 |
| Air Filter Foam Pre-Cleaner (Model 911614)             | 21575024 |
| Replacement Blade Kit                                  | 71107500 |
| Laser Edge Blade Kit                                   | 71107600 |
| Dual Blade Kit                                         | 71107700 |
| Dual Blade Upgrade Kit (Models 911607, 911609, 911608) | 71107800 |
| Transmission Belt (Model 911608)                       | 07200923 |
| Transmission Belt (Models 911609, 911614)              | 07200924 |
| Grass Collector Bag                                    | 30122000 |
| Fuel Stabilizer – 118 mL (4 oz)                        | 04730400 |

## SERVICE POSITION



**CAUTION: AVOID INJURY.** Before placing unit in service position, drain fuel from tank and fuel system. (Refer to engine manual for instructions). Make sure unit is secure and will not tip.

1. Place unit on a flat, level surface.
2. Stop engine and wait for all moving parts to stop and for hot parts to cool.
3. Drain fuel from fuel tank and fuel system. Refer to engine manual for instructions.
4. Disconnect spark plug wire.
5. Adjust handlebar to full vertical position. See *Adjust Handlebar Height* on page 13.
6. Rotate unit onto its right side. Ensure the unit is secure and will not tip. See Figure 15.

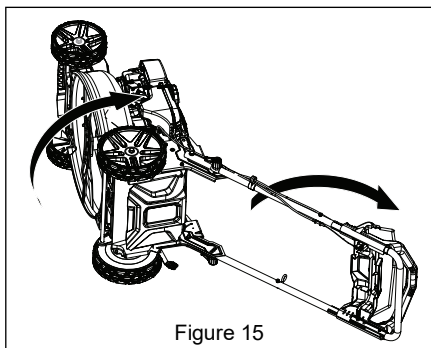


Figure 15

## CHECK ENGINE OIL

**NOTICE:** Engine oil level **MUST** be maintained at correct level or engine damage may occur. Refer to engine manual.

## CHANGE ENGINE OIL

Refer to engine manual.

## CLEAN ENGINE COOLING FINS

Cooling fins circulate air around cylinder head and engine block. Engine may overheat if fins are clogged or damaged. Refer to engine manual.

## CHECK AIR FILTER

Check air filter and replace if clogged or damaged. Refer to engine manual.

## CLEAN GRASS BAG

Check grass bag frequently for wear. Remove grass bag, empty grass clippings, wash with garden hose and allow it to dry. Replace worn or damaged bag with Ariens original equipment only.

Clean grass clippings and other debris from mower pan. See Figure 16.

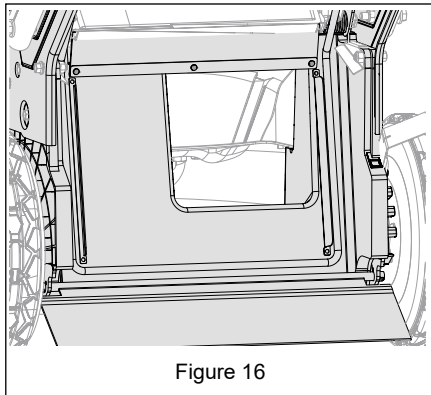


Figure 16

## WASH DECK

**NOTICE:** DO NOT clean topside of deck with water. To avoid engine damage, clean debris from the topside of the deck using compressed air or a dry cloth.

### Models 911607, 911608

See Figure 17.

Occasional deck cleaning with the washout port prevents debris buildup and maintains cutting efficiency.

**IMPORTANT:** Use of the washout port may deposit a dark-green residue on surface where deck was cleaned.

1. Move unit to a flat, level surface.
2. Stop engine and wait for moving parts to stop and for hot parts to cool.

**NOTICE:** DO NOT use washout port when mower is warm from operation.

3. Secure coupler to garden hose.
4. Firmly push coupler onto washout port until coupler clicks.
5. Gently tug on the hose to verify coupler is secure.

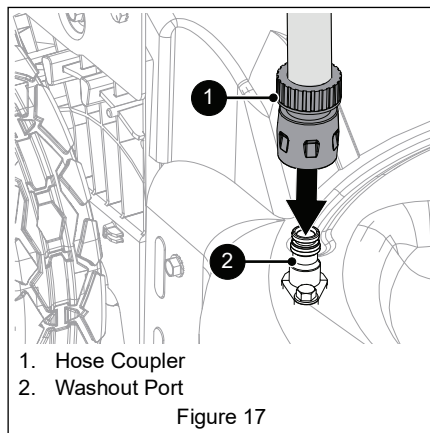
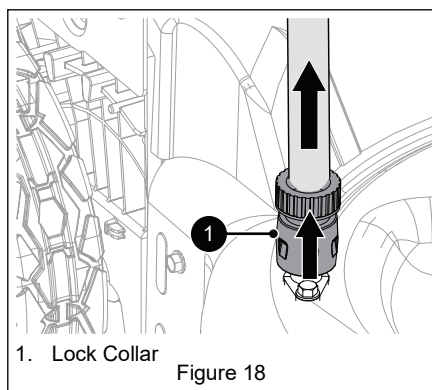


Figure 17

**IMPORTANT:** If water leaks from coupler, coupler is not secure.

6. Open water-supply valve.
7. Start engine and engage mower blade. Keep blade engaged until water color under deck changes from green to clear. See *Start the Engine* on page 14.
8. Stop engine and wait for all moving parts to stop and for hot parts to cool. See *Stop Engine* on page 14.

9. Pull lock collar away from washout port and remove hose from port. See Figure 18.



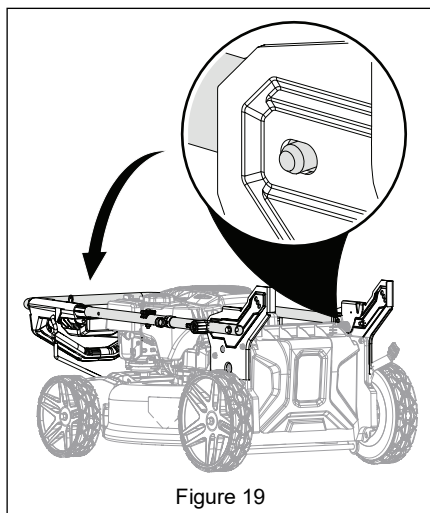
10. Remove coupler from hose end.
11. Start engine and engage blade for approximately 2 – 3 minutes to remove excess water from unit.
12. Stop engine and allow deck to dry before storing.

#### Models 911609, 911614

1. Move unit to a flat, level surface.
2. Stop engine and wait for moving parts to stop and for hot parts to cool.
3. Clean underside of deck with mild soap and low-pressure water.

### STORAGE POSITION

1. Move unit to a flat, level surface.
2. Stop engine and wait for moving parts to stop and for hot parts to cool.
3. Rotate handlebar adjustment knobs 1/4 turn up or down.
4. Fold handlebar forward and align adjustment knobs with front mounting holes. Ensure pins are secure in brackets. See Figure 19.



5. *Models 911609, 911614 Only:* Place unit in vertical storage position. See *Vertical Storage Position* on page 17.

**NOTICE:** Models 911609, 911614 are equipped with engines that make it possible to store unit in the upright position. To prevent fluid leaks, **DO NOT** store Models 911607, 911608 in vertical storage position.

6. Return adjustment knobs to original position.

### VERTICAL STORAGE POSITION

#### Models 911609, 911614

**IMPORTANT:** Adjust HOC to setting 3 or 4 when storing unit in vertical storage position. See *Adjust Cutting Height* on page 13.

See Figure 20.

1. Place unit in storage position. See *Storage Position* on page 17.
2. *Models 911609, 911614 Only:* Tip unit onto rear brackets.

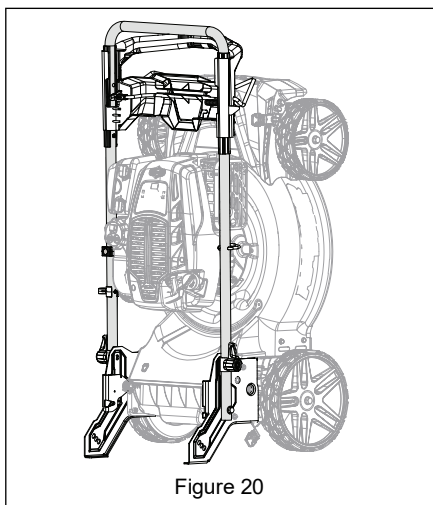


Figure 20

## CHECK MOWER BLADE(S)

Check blade(s) for wear. Replace or sharpen as necessary.



**CAUTION: AVOID INJURY.** Use sturdy gloves or padding to protect hands when handling mower blade(s).

## Remove Blade

### Models 911607, 911609, 911608

1. Stop engine and wait for all moving parts to stop and for hot parts to cool.
2. Disconnect spark plug wire.
3. Place unit in service position. See *Service Position* on page 15.
4. Block blade to prevent rotation.
5. Remove hardware retaining blade and remove blade. Retain hardware. See Figure 21.

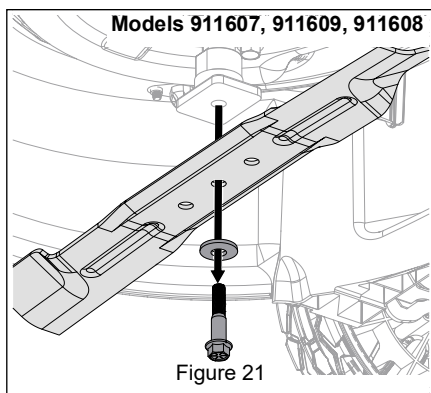


Figure 21

## Remove Blades

**NOTICE:** Some dual blade machines feature an additional spacer. Configure per machine specifications.

### Model 911614

1. Stop engine and wait for all moving parts to stop and for hot parts to cool.
2. Disconnect spark plug wire.
3. Place unit in service position. See *Service Position* on page 15.
4. Block blades to prevent rotation.
5. Remove and retain hardware securing blades to blade adapter. Remove blades, washer, and if included remove spacer. See Figure 22 and Figure 23.

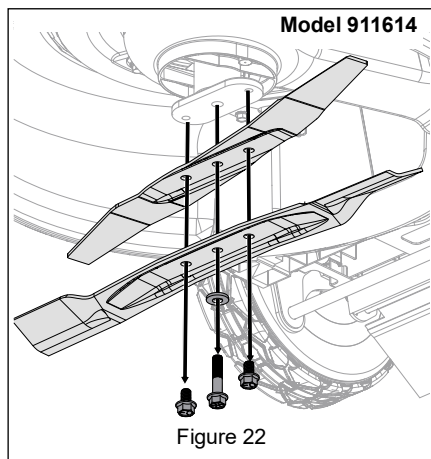


Figure 22

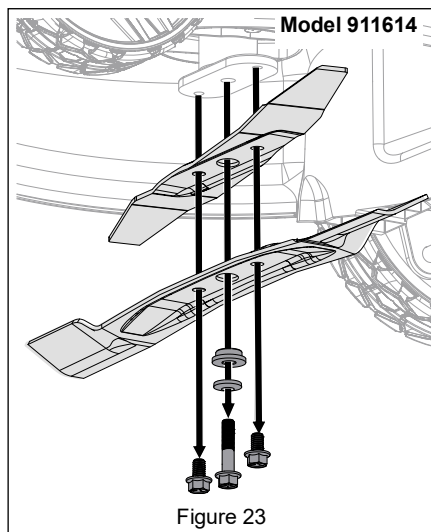


Figure 23

## Sharpen Blade

**NOTICE:** DO NOT sharpen laser edge blades.

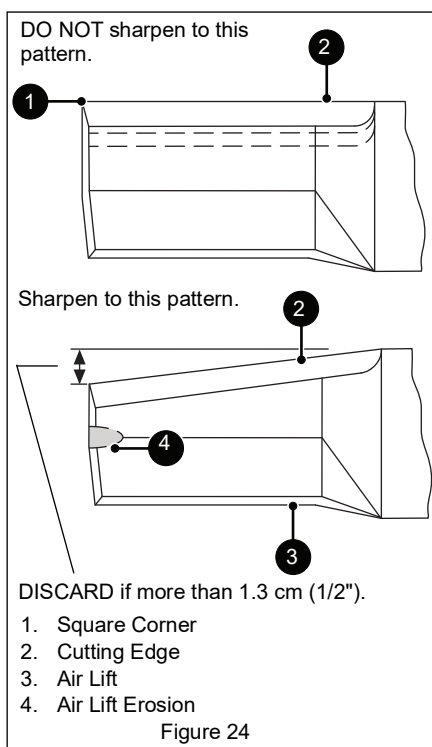
See Figure 24.



**CAUTION:** AVOID INJURY. DO NOT sharpen blade while attached to unit.

1. Remove mower blade. Discard blade if:
  - More than 1.3 cm (1/2") of metal is gone.
  - Air lifts are eroded.
  - Blade is bent or broken.
2. File or grind an equal amount of metal from each cutting edge of blade until sharp.

**IMPORTANT:** DO NOT change angle of cutting edge or round the corner of blade.



3. Slide an unthreaded bolt through blade center to check balance. Hold the bolt level. If blade does not remain horizontal, sharpen the heavy end until blade is balanced. See Figure 25.

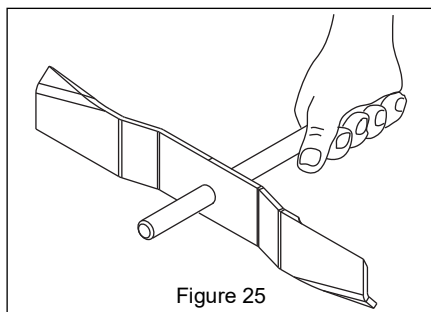


Figure 25



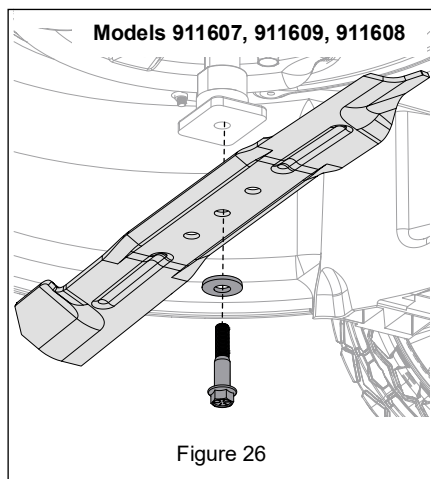
**CAUTION:** An unbalanced blade causes excessive vibration and eventual damage to unit. Balance blade before reinstalling. NEVER weld or straighten blade.

4. Reinstall mower blade. See *Install Blade* on page 19.

## Install Blade

**Models 911607, 911609, 911608**

1. Position blade against blade adapter and secure with original hardware. See Figure 26.



**NOTICE:** Washer must be positioned concave side towards blade and blade **MUST** be installed with cutting edges positioned upward. See Figure 27.

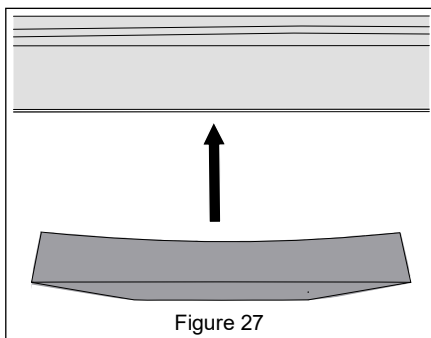


Figure 27

2. Torque hardware to 61 N\*m (45 lb-ft).
3. Return unit to operating position and reconnect spark plug wire.

## Install Blades

### Model 911614

**NOTICE:** Some dual blade machines feature an additional spacer. Configure per machine specifications.

1. Position blades against blade adapter and secure with original hardware. See Figure 28.

OR

Position blades, washer, and spacer against blade adapter. See Figure 29.

**NOTICE:** Washer must be positioned concave side towards blade and blades **MUST** be installed with cutting edges positioned upward. See Figure 27.

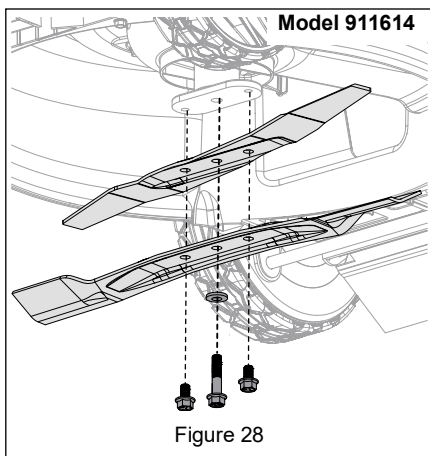


Figure 28

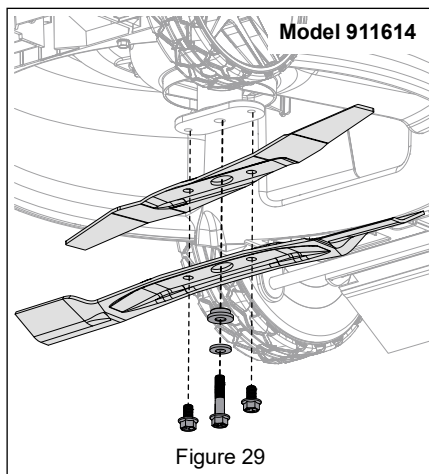


Figure 29

2. Torque center bolt to 61 N\*m (45 lb-ft), torque outer two bolts to 40.7 N\*m (30 lb-ft).
3. Return unit to operating position and reconnect spark plug wire.

## CHECK DRIVE BELT

### Models 911609, 911614, 911608

Check drive belt and replace if worn or damaged. See *Replace Drive Belt* on page 23.

## CHECK FASTENERS

Check for loose or missing hardware. Give special attention to blade hardware and all guards, shields and safety devices.

## LUBRICATE UNIT

1. Apply oil to all pivot points and pin connections.

## Lubricate Ground Drive System

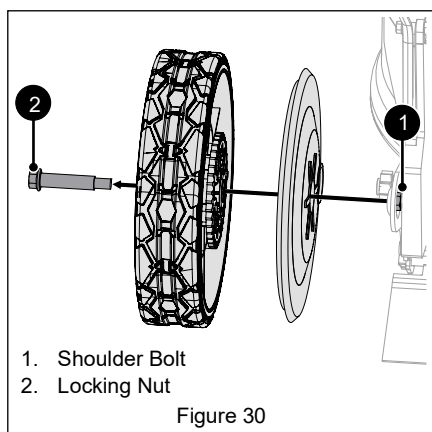
### Models 911609, 911614, 911608

See Figure 30.

**IMPORTANT:** Lubricate both sides of ground drive system.

1. Place a support, such as a wood block, under deck rear.
2. *Models 911609, 911614:* Place rear of unit in highest height of cut position. Remove locking nuts from behind wheel plates. Remove shoulder bolts retaining rear wheels and remove wheels.

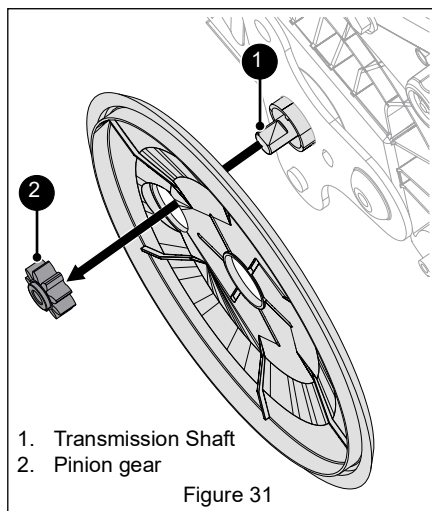
3. *Model 911608*: Place front of unit in highest height of cut position. Remove locking nuts from behind wheel plates. Remove shoulder bolts retaining front wheels and remove wheels.



See Figure 31.

4. Remove pinion gears.
5. Clean dirt and debris from transmission shaft ends and pinion gears. Apply anti-seize compound to shaft end.

**NOTICE:** DO NOT apply grease to gear teeth. Clean grease and debris from gear teeth before reassembly.



3. Reinstall pinion gears.
4. Apply recommended amount of Red Loctite® 263 (or equivalent) locking compound to shoulder bolts.

5. Reinstall wheels and secure with previously removed hardware.
6. Torque shoulder bolts and locking nuts to 16.3 N•m (144 in-lbs).

## SERVICE & ADJUSTMENTS



**CAUTION:** AVOID INJURY. Read and understand the *Safety* section before proceeding.

**IMPORTANT:** All references to left, right, front or rear are given from the perspective of operator in operator's position, facing the direction of forward travel.

### ADJUST WHEEL DRIVE CONTROL LEVER / REFLEX DRIVE HANDLE

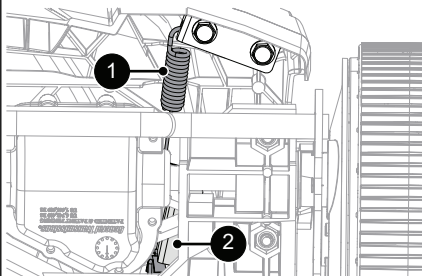
1. *Model 911608 only*: Mower forward speed should increase as wheel drive control lever is pulled closer to handle. If unit does not accelerate smoothly, slips under load or creeps forward when lever is released, wheel drive control cable may require adjustment.
2. *Models 911609, 911614 only*: Mower forward speed should increase as REFLEX drive handle is pushed down to match operator's pace. If unit does not accelerate smoothly, slips under load or creeps forward when handle is released, wheel drive control cable may require adjustment.

**IMPORTANT:** DO NOT over-adjust cable and disable the return-to-neutral function. Forward drive **MUST** stop immediately when wheel drive control lever is released.

3. Stop engine and wait for moving parts to stop and for hot parts to cool.
4. Clean dirt and debris from the drive components.

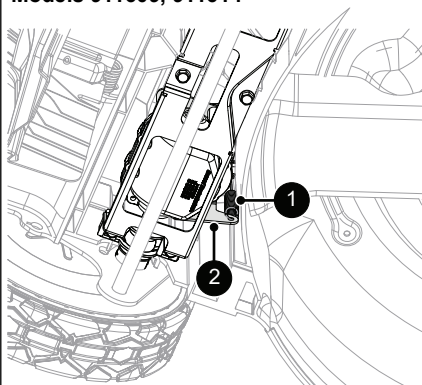
**IMPORTANT:** Ensure extension spring is connected to transmission bracket. See Figures 32 and 33.

### Model 911608



1. Extension Spring
  2. Transmission Bracket
- Figure 32

### Models 911609, 911614



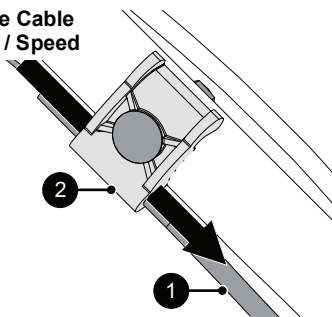
1. Extension Spring
  2. Transmission Bracket
- Figure 33

See Figures 34 and 35.

5. Loosen hardware on cable guide clamp.
6. Adjust wheel drive cable tension:
  - To increase wheel drive control lever / REFLEX drive handle response, lower cable and tighten clamp hardware.
  - To decrease wheel drive control lever / REFLEX drive handle sensitivity, raise cable and tighten clamp hardware.
7. Torque to 4.0 N\*m (35 in-lbs).

### Models 911609, 911614

#### Increase Cable Tension / Speed

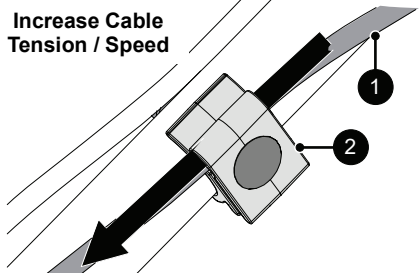


#### Decrease Cable Tension / Speed

1. Adjustment Cable
  2. Cable Guide Clamp
- Figure 34

### Model 911608

#### Increase Cable Tension / Speed



#### Decrease Cable Tension / Speed

1. Adjustment Cable
2. Cable Guide Clamp

Figure 35

7. Check the adjustment:
  - a. Start the engine. See *Start the Engine* on page 14.
  - b. **Model 911608 only:** Slowly pull wheel drive control lever against handlebar. Unit should move forward smoothly and increase in speed as lever is pulled closer to handlebar.  
**Models 911609, 911614 only:** Slowly push down on REFLEX drive handle. The unit should move forward smoothly and increase in speed as handle is pushed down to match operator's pace.
  - c. Release wheel drive control lever or handle. Unit should stop immediately and not creep forward.
  - d. Pull back on handlebar and ensure wheels are not locked in place. If wheels are locked stop the engine and slightly decrease cable tension. Recheck adjustment.

## ADJUST OPERATOR PRESENCE CONTROL (OPC) LEVER

The OPC lever is non-adjustable. If engine and / or blade does not stop within 3 seconds of releasing the OPC lever, see your Ariens dealer.

## REPLACE DRIVE BELT

**Models 911609, 911614, 911608**

### Remove Drive Belt

#### **All Models:**

1. Disconnect spark plug wire.
2. Remove hardware securing blade(s) to blade adapter and remove blade(s). See *Remove Blade* on page 18 or *Remove Blades* on page 18.
3. Remove two hex screws retaining spindle pulley cover and remove cover. See Figure 36.

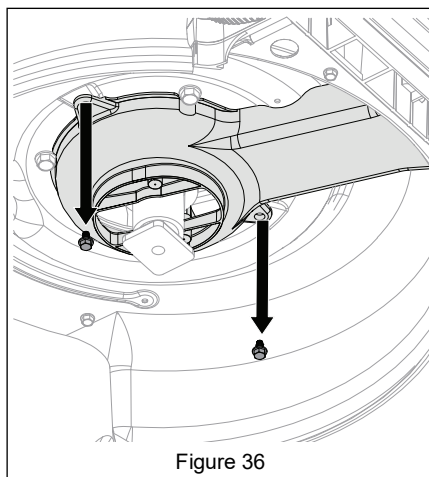


Figure 36

#### **Model 911608 only:**

1. Remove and retain flange bracket hardware and remove bracket. See Figure 37.

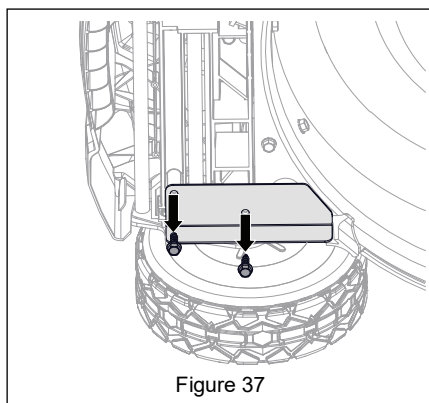
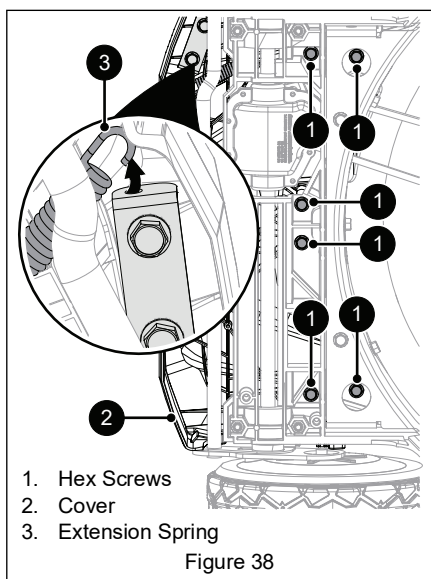


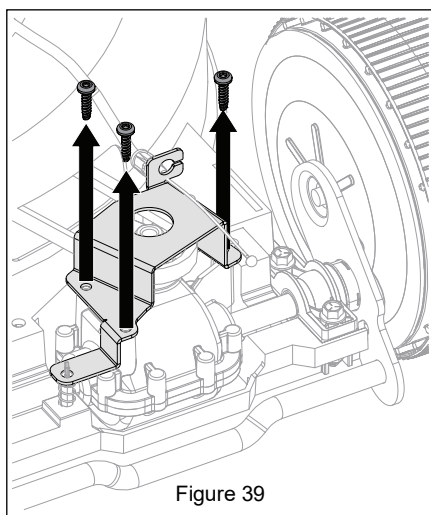
Figure 37

See Figure 38.

2. Disconnect extension spring from cable anchor.
3. Remove and retain six hex screws securing front cover and remove cover.

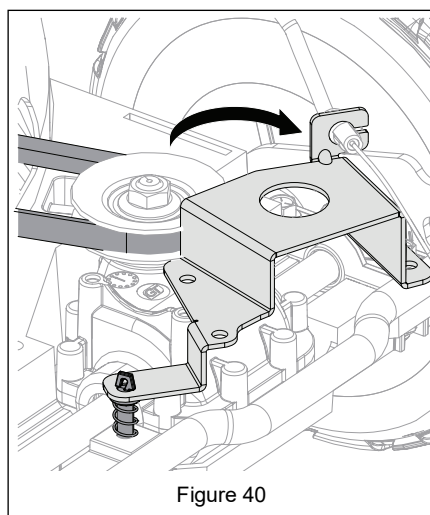


4. Remove and retain three Torx head screws from transmission bracket. See Figure 39.



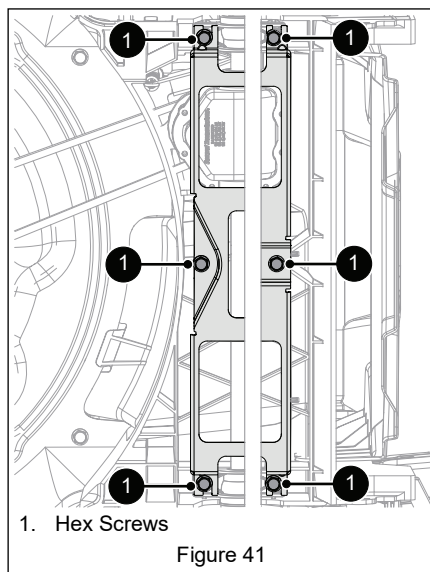
See Figure 40.

5. Rotate transmission bracket around return spring holder to access belt.
6. Remove drive belt.



**Models 911609, 911614 only:**

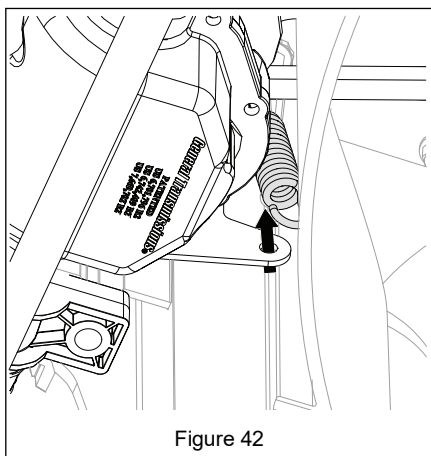
1. Remove and retain six hex screws from support bracket and remove bracket. See Figure 41.



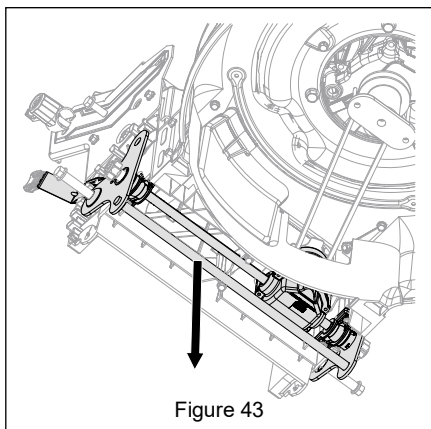
See Figures 30 and 31.

2. Place a support, such as a wood block, under deck rear.
3. Remove shoulder bolts retaining rear wheels and remove wheels.
4. Remove pinion gears and dust cover.

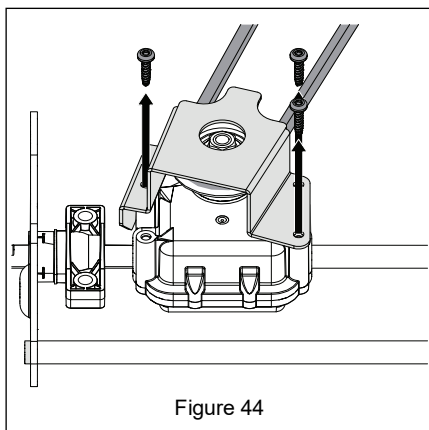
5. Disconnect extension spring from transmission bracket. See Figure 42.



6. Remove transmission assembly. See Figure 43.



7. Remove and retain three Torx head screws from transmission bracket and remove bracket. See Figure 44.
8. Remove drive belt.



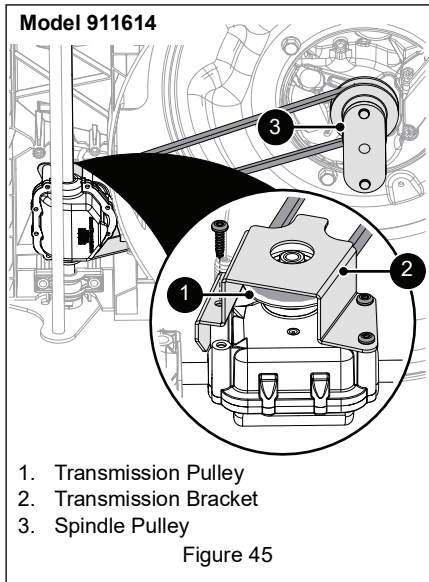
### Install Drive Belt

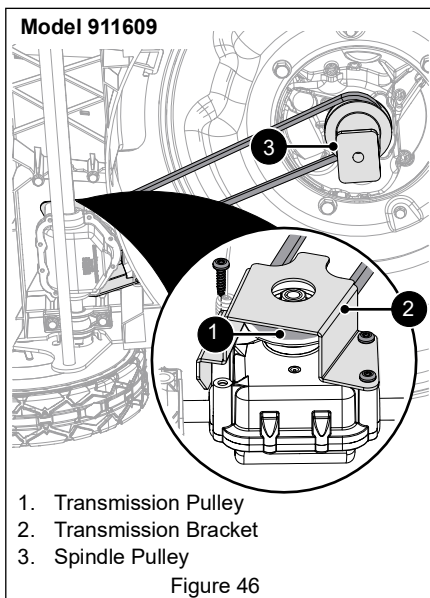
**Models 911609, 911614 only:**

See Figures 45 and 46.

1. Install drive belt around transmission pulley.
2. Reinstall transmission bracket using original hardware. Torque to 5.1 N•m (45 in-lbs).
3. Position transmission assembly in grooves of baffle.
4. Install belt around spindle pulley.

### Model 911614





5. Reconnect extension spring to transmission bracket.
  6. Reinstall support bracket using original hardware. Torque outer hardware to 2.8 N•m (25 in-lbs).
- IMPORTANT:** Ensure bracket is in correct orientation as shown in Figure 41.
7. Reinstall pinion gear and dust cover.
  8. Reinstall rear wheels using original hardware. Torque bolts to 16.3 N•m (144 in-lbs).
  9. Reinstall spindle pulley cover using original hardware. Torque to 2.8 N•m (25 in-lbs).
  10. Reinstall blade(s) using original hardware. See *Install Blade* on page 19 or *Install Blades* on page 20.
  11. Reconnect spark plug wire.

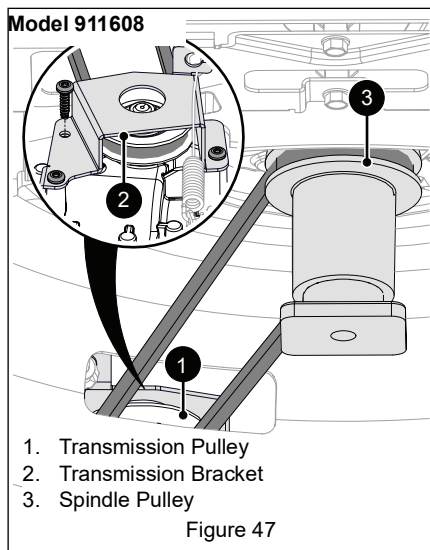
**Model 911608 only:**

See Figure 47.

1. Install drive belt around transmission pulley.
2. Reinstall transmission bracket using original hardware. Torque to 5.1 N•m (45 in-lbs).

**NOTICE:** Ensure the return spring is properly connected to the transmission bracket.

3. Install belt around spindle pulley.



4. Reinstall front cover using original hardware.
5. Reconnect extension spring to transmission bracket.
6. Reinstall spindle pulley cover using original hardware. Torque to 2.8 N•m (25 in-lbs).
7. Reinstall flange bracket using original hardware.
8. Reinstall blade using original hardware. See *Install Blade* on page 19.
9. Reconnect spark plug wire.

## TROUBLESHOOTING

| Problem                                                                             | Probable Cause                                                                   | Correction                                                                                                                                    |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engine will not start.</b>                                                       | Fuel tank empty or low.                                                          | Check fuel level. Fill tank if necessary.                                                                                                     |
|                                                                                     | Spark plug wire loose or off.                                                    | Check connection.                                                                                                                             |
|                                                                                     | Operator presence control (OPC) lever disconnected, broken or out of adjustment. | See your Ariens dealer.                                                                                                                       |
| <b>Engine is difficult to restart.</b>                                              | Mower clogged with grass clippings.                                              | Clear debris from under mower. See <i>Wash Deck</i> on page 16.                                                                               |
| <b>Cutting quality is poor.</b>                                                     | Blade is worn / dull.                                                            | Check blade and sharpen if necessary. See <i>Check Mower Blade(s)</i> on page 18.                                                             |
|                                                                                     | Cutting height is too low.                                                       | Raise cutting height. See <i>Adjust Cutting Height</i> on page 13.                                                                            |
|                                                                                     | Grass is wet.                                                                    | Wait for grass to dry.                                                                                                                        |
|                                                                                     | Mowing speed is too fast.                                                        | Mow slower.                                                                                                                                   |
| <b>Grass does not disperse evenly.</b>                                              | Cutting height is too low.                                                       | Raise cutting height. See <i>Adjust Cutting Height</i> on page 13.                                                                            |
|                                                                                     | Grass is wet.                                                                    | Wait for grass to dry.                                                                                                                        |
|                                                                                     | Mowing speed is too fast.                                                        | Mow slower.                                                                                                                                   |
| <b>Mower does not bag clippings.</b>                                                | Grass bag is overfilled.                                                         | Empty grass bag.                                                                                                                              |
|                                                                                     | Mulch plug is installed.                                                         | Remove mulch plug. See <i>Bagging Grass Clippings</i> on page 12.                                                                             |
| <b>Wheel drive does not engage (Models 911609, 911614, 911608).</b>                 | Wheel drive control lever or handle not engaged.                                 | Engage wheel drive control lever or handle.                                                                                                   |
|                                                                                     | Drive belt out of position.                                                      | Check drive belt and adjust if necessary. See <i>Adjust Wheel Drive Control Lever / REFLEX Drive Handle</i> on page 21.                       |
|                                                                                     | Drive belt worn or damaged.                                                      | Replace belt. See <i>Replace Drive Belt</i> on page 23.                                                                                       |
|                                                                                     | Wheel drive control cable disconnected, broken or out of adjustment.             | Check cable and adjust or replace as necessary. See <i>Adjust Wheel Drive Control Lever / REFLEX Drive Handle</i> on page 21.                 |
|                                                                                     | Wheel bearings worn or damaged.                                                  | See your Ariens dealer.                                                                                                                       |
|                                                                                     | Debris caught in drive gears.                                                    | Clean dirt and debris from transmission shaft ends and pinion gears. See <i>Lubricate Ground Drive System</i> on page 20.                     |
|                                                                                     | Drive belt slips or speed is too slow.                                           | See <i>Adjust Wheel Drive Control Lever / REFLEX Drive Handle</i> on page 21 or replace drive belt. See <i>Replace Drive Belt</i> on page 23. |
| <b>Wheels do not release when reversing mower. (Models 911609, 911614, 911608).</b> | Wheel drive control cable disconnected, broken or out of adjustment.             | Check cable and adjust or replace as necessary. See <i>Adjust Wheel Drive Control Lever / REFLEX Drive Handle</i> on page 21.                 |

## STORAGE



**CAUTION:** AVOID INJURY. Read and understand the *Safety* section before proceeding.

### SHORT-TERM STORAGE

1. Stop engine and wait for moving parts to stop and for hot parts to cool.
2. Empty grass bag.
3. Tighten all hardware to correct specifications.
4. Inspect unit for visible signs of wear or damage. Repair as needed.
5. Apply a light layer of oil or anti-rust compound on bare metal areas.
6. Prepare fuel system for storage.

**NOTICE:** Ariens recommends using a quality fuel stabilizer in all fuel. Gasoline left in the fuel system without a stabilizer, even for short periods of time, deteriorates and leaves gummy deposits in the system that may damage the carburetor and fuel hoses, filter and tank. For the best effectiveness, add stabilizer to all fuel containers whenever purchasing fuel. Add the stabilizer to the container before adding fuel.

- a. Add Ariens fuel stabilizer (see *Service Parts* on page 15) or equivalent according to manufacturer's instructions to the fuel tank and any fuel containers with remaining fuel.
  - b. Operate engine outdoors for at least 5 minutes to allow stabilizer to reach the carburetor.
7. Store unit in a cool, dry, protected area. DO NOT store unit outdoors.
  8. *Models 911609, 911614:* Place unit in the vertical storage position for compact storage. See *Vertical Storage Position* on page 17.

## LONG-TERM STORAGE

1. Perform all short-term storage items.
2. Wash grass bag and allow it to dry.
3. Wash unit with mild soap and low-pressure water.

**IMPORTANT:** NEVER wash unit with high-pressure water.

4. Lubricate as directed in *Maintenance* on page 15.
5. Clean grass clippings and debris from under deck. See *Wash Deck* on page 16.
6. Touch up all scratched painted surfaces.
7. Store unit in a cool, dry, protected area. DO NOT store unit outdoors. Rotate handlebar forward for compact storage. See *Adjust Handlebar Height* on page 13.

### START-OF-SEASON FUEL PREPARATION

Before opening the fuel valve for the first time after long-term storage, add fresh, stabilizer-treated fuel to the fuel tank and any fuel containers with remaining fuel.

## ACCESSORIES

See your Ariens dealer for a complete list of compatible accessories and attachments for your unit.

| Description                                    | Part No. |
|------------------------------------------------|----------|
| Standard Blade Kit                             | 71107500 |
| Laser Edge Blade Kit                           | 71107600 |
| Dual Blade Laser Edge Kit                      | 71107700 |
| Dual Blade Laser Edge Upgrade Kit              | 71107800 |
| Engine Maintenance Kit (Model 911607)          | 70732800 |
| Engine Maintenance Kit (Models 911609, 911608) | 70732900 |
| Engine Maintenance Kit (Model 911614)          | 70733000 |

## SPECIFICATIONS

| Model Number                                      | 911607                       | 911609                            |
|---------------------------------------------------|------------------------------|-----------------------------------|
| Description                                       | Push                         | Self-Propelled with REFLEX™ Drive |
| Engine                                            | Briggs & Stratton®<br>EX 625 | Briggs & Stratton<br>EXi 725      |
| Displacement – cm <sup>3</sup> (in <sup>3</sup> ) | 150 (9.2)                    | 163 (9.9)                         |
| Maximum RPM – No load.                            | 3200 ± 100                   |                                   |
| Crank Case Capacity – liter (oz)                  | 0.4 (15)                     |                                   |
| Air Cleaner                                       | Paper Element                |                                   |
| Oil Filter                                        | N/A                          |                                   |
| Engine Oil                                        | Refer to engine manual.      |                                   |
| Cylinder Bore                                     | Aluminum                     |                                   |
| Starter                                           | Recoil                       |                                   |
| Fuel                                              |                              |                                   |
| Type                                              | Refer to engine manual.      |                                   |
| Fuel Tank Capacity – L (gal.)                     | 1.0 (0.27)                   |                                   |
| Drive                                             |                              |                                   |
| Variable Speeds – kph (mph)                       | N/A                          | 0 - 6.4 (0 - 4.0)                 |
| Dimensions                                        |                              |                                   |
| Length – cm (in)                                  | 162.6 (64)                   | 157.5 (62)                        |
| Height – cm (in)                                  | 101.6 (40)                   | 104.1 (41)                        |
| Width – cm (in)                                   | 55.9 (22)                    |                                   |
| Actual Weight – kg (lb)                           | 29.5 (65)                    | 30 (75)                           |
| Mower Deck                                        |                              |                                   |
| Material                                          | 14 Gauge – Stamped Steel     |                                   |
| Cutting Width – cm (in)                           | 53 (21.0)                    |                                   |
| Cutting Height – cm (in)                          | 2.5 – 10.2 (1.0 – 4.0)       |                                   |
| Front Wheel Diameter – cm (in)                    | 20.3 (8.0)                   |                                   |
| Rear Wheel Diameter – cm (in)                     | 25.4 (10.0)                  |                                   |
| Max Rotation Speed of Cutting Edge – RPM          | 3,300                        |                                   |
| Deck Lift                                         | Mechanical Levers            |                                   |

## SPECIFICATIONS

| Model Number                                      | 911614                        | 911608                    |
|---------------------------------------------------|-------------------------------|---------------------------|
| Description                                       | Dual Blade with REFLEX™ Drive | Self-Propelled            |
| Engine                                            | Briggs & Stratton EXi 875     | Briggs & Stratton EXi 725 |
| Displacement – cm <sup>3</sup> (in <sup>3</sup> ) | 190 (11.6)                    | 163 (9.9)                 |
| Maximum RPM – No load.                            | 3200 ± 100                    |                           |
| Crank Case Capacity – liter (oz)                  | 0.5 (18)                      | 0.4 (15)                  |
| Air Cleaner                                       | Paper Element                 |                           |
| Oil Filter                                        | N/A                           |                           |
| Engine Oil                                        | Refer to engine manual.       |                           |
| Cylinder Bore                                     | Cast Iron                     |                           |
| Starter                                           | Recoil                        |                           |
| Fuel                                              |                               |                           |
| Type                                              | Refer to engine manual.       |                           |
| Fuel Tank Capacity – L (gal.)                     | 1.0 (0.27)                    |                           |
| Drive                                             |                               |                           |
| Variable Speeds – kph (mph)                       | 0 - 6.4 (0 - 4.0)             | 0 - 6.0 (0-3.7)           |
| Dimensions                                        |                               |                           |
| Length – cm (in)                                  | 157.5 (62)                    | 162.6 (64)                |
| Height – cm (in)                                  | 104.1 (41)                    | 101.6 (40)                |
| Width – cm (in)                                   | 55.9 (22)                     |                           |
| Actual Weight – kg (lb)                           | 36.3 (80)                     | 33.1 (73)                 |
| Mower Deck                                        |                               |                           |
| Material                                          | 14 Gauge – Stamped Steel      |                           |
| Cutting Width – cm (in)                           | 53.3 (21.0)                   |                           |
| Cutting Height – cm (in)                          | 2.5 – 10.2 (1.0 – 4.0)        |                           |
| Front Wheel Diameter – cm (in)                    | 20.3 (8.0)                    |                           |
| Rear Wheel Diameter – cm (in)                     | 25.4 (10.0)                   |                           |
| Max Rotation Speed of Cutting Edge – RPM          | 3,300                         |                           |
| Deck Lift                                         | Mechanical Levers             |                           |



# ARIENS®

## Outdoor Power Equipment Limited Warranty

AriensCo warrants to the **original purchaser** that Ariens brand products purchased on or after 09/01/2022 will be free from defects in material and workmanship for the time period noted in the chart below. Equipment put to personal use around a single household or residence is considered "Residential Use." Equipment put to any business use (agricultural, commercial, or industrial) or used at multiple locations is considered "Commercial Use." If any product is rented or leased, then the duration of these warranties shall be 90 days after the date of purchase.

An authorized Ariens dealer will repair any defect in material or workmanship, and repair or replace any defective part, subject to the conditions, limitations and exclusions set forth herein. Such repair or replacement will be free of charge (labor and parts) to the original purchaser; except as noted below. Pick-up and delivery are at the owner's expense.

The warranty code is found on the model and serial number identification label on the unit.

| Warranty Code | Product Group                                      | Warranty Period                                  |
|---------------|----------------------------------------------------|--------------------------------------------------|
| AA            | Serialized Attachments                             | 1 Year.                                          |
| CH, CQ        | ZENITH Mowers                                      | 4 Years or 750 Hours.*                           |
| HD            | RAZOR Walk-Behind Mowers                           | 3 Years Residential Use. 90 Days Commercial Use. |
| HE            | EDGE Mowers                                        | 2 Years or 150 Hours.*                           |
| HF            | IKON Mowers                                        | 3 Years or 300 Hours.*                           |
| HH            | APEX Mowers                                        | 4 Years or 500 Hours.*                           |
| HI            | RAZOR Walk-Behind Mowers                           | 4 Years Residential Use. 90 Days Commercial Use. |
| PA            | 921-Series Brushes                                 | 3 Years Residential Use. 90 Days Commercial Use. |
| PB            | 926-Series Brushes                                 | 3 Years Residential Use. 1 Year Commercial Use.  |
| SA            | Professional Sno-Thro                              | 3 Years Residential Use. 1 Year Commercial Use.  |
| SB            | Compact, Deluxe and Platinum Sno-Thro and Path-Pro | 3 Years Residential Use. 90 Days Commercial Use. |
| SC            | S18                                                | 2 Years Residential Use. 90 Days Commercial Use. |
| SD            | Deluxe and Platinum EFI Sno-Thro                   | 3 Years Residential Use. 90 Days Commercial Use. |
| SE            | 920-Series Classic Sno-Thro, Crossover             | 3 Years Residential Use. 90 Days Commercial Use. |
| SF            | MAMMOTH Tractor                                    | 2 Years or 500 Hours.*                           |

\* Whichever comes first.

### Special Extensions

The chart below details special **extensions** to warranty terms. Warranty terms are total time periods covered. If any product is rented or leased, there are no extensions to the 90-day warranty.

| Warranty Code | Warranty Term Extension       | Warranty Period                                    |
|---------------|-------------------------------|----------------------------------------------------|
| SA            | Cast Iron Auger Sprocket Case | 5 Years.                                           |
| SB, SD        | Cast Iron Auger Sprocket Case | 5 Years Residential Use.<br>1 Year Commercial Use. |



## Exclusions and Limitations

The charts below detail special **exclusions and limitations** to this warranty.

| Warranty Term Exclusions                                                                                                                                                                                                                                  | Warranty Period                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Air filters, auger paddles, brake arms, brake linings, brake shoes, brushes, cutters, fuel filters, halogen headlights, knives, halogen light bulbs, lubricants, mower blades, oil, oil filters, spark plugs, scraper blades, shear bolts and skid shoes. | Components are not covered under warranty. |

### Hydro-Gear Transaxle Limitation

See Hydro-Gear warranty. The warranty is administrated by AriensCo. Refer to [www.ariens.com](http://www.ariens.com) for warranty statement.

| Warranty Term Limitations                                           | Warranty Period                                                  |
|---------------------------------------------------------------------|------------------------------------------------------------------|
| Cloth, Plastic and Rubber Components.<br>Mufflers, Tires and Belts. | Components are covered for manufacturer's defect only, not wear. |
| Parker Actuators                                                    | 1 Year.                                                          |

### Exclusions – Items Not Covered by This Warranty

- Parts that are not genuine Ariens service parts are not covered by this warranty and may void the warranty if the parts result in premature wear or damage to the product.
- Damages resulting from the installation or use of any part, accessory, or attachment which is not approved by AriensCo for use with product(s) identified herein are not covered by this warranty.
- Any misuse, alteration, improper assembly, improper adjustment, neglect, or accident which requires repair is not covered by this warranty.
- Repairs or adjustments required due to failure to use fresh fuel or failure to properly prepare the unit for periods of non-use.
- **Use of gasoline blends exceeding 10% ethanol voids any and all warranties.**
- **Any tampering with the hour meter voids any and all warranties.**
- Products are designed to the specifications in the area that the product was originally distributed. Different areas may have significantly different legal and design requirements. This warranty is limited to the requirements in the area in which the unit was originally distributed. AriensCo does not warrant this product to the requirements of any other area. Warranty service is limited to service within the area originally distributed.
- In countries other than the United States and Canada, contact the AriensCo dealer for warranty policies that govern within your country. Rights may vary from country to country and within any one country.

### Evaporative Emissions Control Warranty Exception

As required by the California Air Resources Board (CARB) and the US Environmental Protection Agency (EPA) the evaporative emissions control system is warranted to the ultimate purchaser, and any subsequent owner, for two years.

The CARB and EPA evaporative emissions control system warranty is described in a separate evaporative emission control warranty statement.

### Battery Warranty

Battery warranty is one year. Units used for rental or lease have no exceptions to the 90-day warranty. Total battery claim reimbursement will not exceed 45.00 USD.

Transmissions

The chart below details transmission warranty information. Transmission warranty terms may vary from the specific terms of this warranty. If inconsistent, the terms of the transmission warranty shall apply to the transmission and its component parts.

| Transmission Manufacturer             | Detail                                                                                                                                                                                  |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hydro-Gear Transaxle                  | See Hydro-Gear warranty. The warranty is administrated by AriensCo. Refer to <a href="http://www.ariens.com">www.ariens.com</a> for warranty statement.                                 |
| Parker Hannifin Drive & Valve Systems | Parker Transaxles, Pumps, Wheel Motors and Valves* are warranted for the length of equipment warranty period. Refer to Warranty Code chart above. Warranty is administered by AriensCo. |

\* Parker Actuators see Limitations chart above.

Engines

The chart below details engine warranty information. Engine warranty terms may vary from the specific terms of this warranty. If inconsistent, the terms of the engine warranty shall apply to the engine and its component parts.

| Engine Manufacturer                 | Detail                                                                                                                                                                                                            |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ariens AX                           | Ariens-branded engines are warranted by the manufacturer and the warranty is administrated by AriensCo. Refer to the engine manual or <a href="http://www.ariens.com">www.ariens.com</a> for warranty statements. |
| Briggs & Stratton, Kawasaki, Kohler | Covered by the engine manufacturer's warranty. Refer to the engine manufacturer's warranty statements.                                                                                                            |

Parts and Accessories

Service replacement parts and non-serialized accessories are warranted for 90 days from date of purchase. Labor is not included.

Customer Responsibilities

**Register the product immediately at the time of sale.** If the dealer does not register the product, the customer must register the unit on-line at [www.ariens.com](http://www.ariens.com).

To obtain warranty service, the **original purchaser** must:

- Ensure that the maintenance and adjustments explained in the Operator's Manual are routinely completed.
- Promptly notify AriensCo or an authorized Ariens service representative of the need for warranty service.
- Transport the product to and from the place of warranty service at owner's expense.
- Have the warranty service performed by an authorized Ariens service representative.

To find an authorized dealer use the dealer locator on our websites, or contact us by mail or phone.

| Globally (Except Australia or New Zealand):                                                                                           | Australia:                                                                                                                                                                  | New Zealand:                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AriensCo<br>655 W. Ryan Street<br>Brillion, WI 54110<br>Phone: (920) 756 - 4688<br><a href="http://www.ariens.com">www.ariens.com</a> | Roy Gripske & Sons Pty Ltd<br>11 Sodium Street<br>Narangba<br>Queensland 4504<br>Australia<br>Phone: (61130) 036 3004<br><a href="http://www.rgs.com.au">www.rgs.com.au</a> | Masport Ltd<br>320 Ti Rakau Drive<br>East Tamaki<br>Auckland 2013<br>New Zealand<br>Phone: 0800 627 7678<br><a href="http://www.masport.co.nz">www.masport.co.nz</a> |

## ***Disclaimer***

AriensCo may from time to time change the design of its products. Nothing contained in this warranty shall be construed as obligating the AriensCo to incorporate such design changes into previously manufactured products, nor shall such changes be construed as an admission that previous designs were defective.

## ***Limitation of Remedy and Damages***

AriensCo liability under this warranty, and under any implied warranty that may exist, is limited to repair of any defect in workmanship, and repair or replacement of any defective part. AriensCo shall not be liable for incidental, special, or consequential damages (including lost profits). Some states do not allow the exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

AriensCo shall not be held liable for damages, including premature wear and tear, or injuries caused by installation of unauthorized parts and accessories or for parts and accessories not installed by an authorized Ariens dealer.

## ***Australian Consumer Law***

The following applies solely to warranties subject to Subsection 102(1) of the Australian Consumer Law: Our goods come with guarantees that cannot be excluded by the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

## ***Disclaimer of Further Warranty***

AriensCo makes no warranty, express or implied, other than what is expressly made in this warranty. If the law of your state provides that an implied warranty of merchantability, or an implied warranty of fitness for particular purpose, or any other implied warranty, applies to AriensCo, then any such implied warranty is limited to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

*This warranty gives you specific legal rights, and you may also have other rights which vary from region to region.*

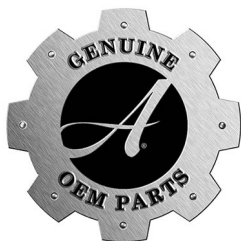




**ARIENS**

655 West Ryan Street  
Brillion, WI 54110

[www.ariens.com](http://www.ariens.com)



[parts.ariens.com](http://parts.ariens.com)



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and Reproductive Harm -  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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