### A SAFETY MESSAGE

The product for which you have requested information or replacement parts is not a current product. The replacement models incorporate product designs, safety features, safety instructions or warnings which represent the latest "State Of The Art" developments. For your safety and those around you please contact your nearest Ariens/Gravely Dealer for a demonstration of the current product safety provisions and features.

# **EZRider**<sup>™</sup>

# **Owner/Operator Manual**

Arians.



M O D E L S 001 – 1440 002 – 1648 003 – 1540 301 – 1440

> 015253A Rev. 1/96 Printed in USA



# Thank You

Ariens outdoor power equipment is engineered to be the best from start to finish. We have one fundamental belief:

Value is not measured solely by price; value is a durable, easy-to-use machine that performs season after season.

This manual and the engine manual are your guides. By following the instructions and procedures in them, your Ariens equipment will serve you well for many years. The care you give this equipment will determine your overall satisfaction and its service life.

Safety is up to you. Obey all correct operating practices and procedures for this equipment. Prevent serious injury or death. Three reasons safety is important:

- 1. Accidents disable and kill.
- 2. Accidents can be avoided.
- 3. Accidents always cost.

Ariens proudly offers one of the finest warranties in the business. Contact your Ariens Dealer with any questions, comments or orders. Ariens equipment for the world is made in the USA.

### YOUR SATISFACTION IS IMPORTANT

Questions? Please follow these helpful steps:

### 1. Always Refer to Your Owner/Operator or Engine Manual First.

- a) Its detail will guide you through safe and proper operation and maintenance.
- b) It contains specifications on your model of equipment.
- c) If your questions are not answered in these manuals, go to step number two.

### 2. Contact Your Ariens Dealer.

- a) Our dealers will be happy to supply any service or advice required to keep your equipment operating at peak efficiency.
- b) A factory trained staff is available to support your equipment needs. They stock genuine Ariens parts and lubricants; manufactured with the same precision and skill as the original equipment.
- c) If your questions are not resolved by the support staff, ask for the manager or owner.
- d) When contacting your Ariens Dealer supply your equipment or attachment model and serial numbers.





*Crafted in America Since 1933* 

# WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

# TABLE OF CONTENTS

SECTION

Page

SECTION 1: INTRODUCTION

The Manual 1
Service and Replacement Parts 1
Product Registration 1
Disclaimer 1

### SECTION 2: SAFETY

Safety Alert Symbol	2
Safety Words	2
Practices and Laws	2
Required Operator Training	3
Personal Safety	3
Operational Safety	4
Unit Safety	6
Safety Decals and Locations	7

### SECTION 3: ASSEMBLY



# Adjustments 10 Delivery 12 SECTION 4: OPERATION

OL1180	
•	

Pre-Start	13
Engine Fuel	
Seat Adjustments	13
Standard Controls	13
Controls and Features	14
Starting and Shut-Off	
Operation	16
Parking	17
Mowing Tips	17

SECTION

PAGE

### SECTION 5: GENERAL MAINTENANCE

Service Position	 19
Engine Cooling	
Fuel Tank	 19
Belts	
Transport	
Storage	
Tires	
Lubrication	 21
Hydraulics and Transaxles	 21
Mower Blades	
Battery	 22
Maintenance Schedule	

### SECTION 6: SPECIFICATIONS



Model	
Engine	
Fuel	
Tires	
Hydrostatic System	
Length, Width, Height	
Weight	
Warranty	27

© Copyright 1996 Ariens Company

All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form by any means without the written permission of Ariens Company Printed in U.S.A.

### CONTENTS

- The Manual
- Service and Replacement Parts
- Product Registration
- Disclaimer

# Introduction



### THE MANUAL

Before you operate your unit, carefully and completely read manuals supplied with unit. The contents will provide you

with an understanding of safety instructions and controls during normal operation and maintenance of your unit. Graphics are provided to help you understand the text.

All reference to left, right, front, or rear are given from operator sitting in operation position and facing the direction of forward travel.



### SERVICE AND REPLACEMENT PARTS

When ordering replacement parts or making service inquiries, be prepared to supply the following information:

- Unit Model and Serial Numbers.
- Engine Model and Serial Numbers.

Numbers are located on the product registration form in the unit literature package. They are printed on a Serial Number label, located on the frame of your unit (Figure 1). Know the Model Number of your unit. Follow the correct operating instructions for your unit.



Record numbers on this page for convenience and quick reference.

**Unit Model and Serial Numbers:** 

**Engine Model and Serial Numbers:** 



### **PRODUCT REGISTRATION**

Transfer Model & Serial Label from product registration

here.

A warranty registration card must be filled out by the Ariens dealer, signed, and returned at sale. This form

activates the warranty. The replacement of any part on this unit with anything other than an Ariens authorized replacement part may adversely affect the performance, durability, or safety of this unit and may void the warranty. Claims meeting requirements during limited warranty period will be honored. To guarantee full warranty service, make sure your registration card has been returned to Ariens.

### DISCLAIMER

Ariens Company is hereinafter referred to as Ariens. Ariens reserves the right to discontinue, make changes to, and add improvements upon its products at any time without public notice or obligation. Ariens disclaims liability for any claims or damages, whether regarding property, personal injury or death arising out of the use of unauthorized replacement parts. The descriptions and specifications contained in this manual were in effect at printing. Unit described within this manual may not be identified as either standard or optional. Illustrations may not be applicable to your unit.

### **SECTION 2: SAFETY**



### CONTENTS

- Safety Alert Symbol
- Signal Words
- Practices and Laws
- Required Operator Training

# Safety

### SAFETY ALERT SYMBOL



This is a safety alert symbol. It means:

- ATTENTION!
- YOUR SAFETY IS INVOLVED!

When you see this symbol:

- BECOME ALERT!
- OBEY ITS MESSAGE!

### SIGNAL WORDS

The safety alert symbol is used with the following signal words and colors to alert you to safety messages. They are used in safety decals on the unit and with proper operation and procedures in this manual. They alert you to the existence and relative degree of hazards. <u>Understand the safety message</u>. It contains important information about personal safety on or near the unit.



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

- Personal Safety
- Operational Safety
- Unit Safety
- Safety Decals and Locations

### Notations

**NOTE**: General reference information for proper operation and maintenance practices.

**IMPORTANT**: Specific procedures or information required to prevent damage to unit or attachment.



Improper operation of this unit can cause injury or death. Before starting the engine, follow these three steps:



1. Read, understand, and follow this manual and the engine manual.

2. Read safety decals on unit or attachment.

OL1020

3. Clear area of objects which could be picked up and thrown by the blade (rocks, toys, wire, etc.) before operation.

### PRACTICES AND LAWS

Practice usual and customary safe working precautions, for the benefit of yourself and others. Understand and follow all safety messages. Be alert to unsafe conditions and the possibility of minor, moderate, or serious injury or death.

Information in this manual does not replace any safety rules and laws in your area. Before operating this unit, learn all applicable rules and laws in your area.

# **REQUIRED OPERATOR TRAINING**



Original purchaser of unit was instructed by seller on safe and proper operation and use.

If unit is to be used by someone other than original purchaser:

- Loaned,
- Rented or
- Sold

ALWAYS provide this manual and any needed safety training before operation.



# PERSONAL SAFETY

### **Responsible Operators**

- Only trained adults may operate unit
- Training includes actual operation
- Clearly understand instructions
- Be alert! Conditions can change



NEVER operate unit after or during the consumption of medication, drugs or alcohol. Safe operation requires your complete and unimpaired attention at all times. An operator on prescription or over-the-counter medication must consult a medical professional regarding any side effects of the medication that would hinder their ability to safely operate this unit.

NEVER allow anyone to operate this unit when their alertness or coordination is impaired.



### **Clothing and Safety Gear**

Mower Blades are sharp and can cut. Wrap the blade(s) or wear gloves and use extreme caution when servicing them.

Wear adequate:

Gloves



NEVER wear open sandals or canvas shoes during operation.

Wear adequate:

• Footwear





### Avoid Entanglement

DO NOT wear loose clothing or scarves that may get caught in rotating parts during operation. Keep clear of rotating parts during operation.



Rotating parts can amputate body parts. DO NOT place limbs near moving parts.



Disengage mower, switch engine OFF, set parking brake, remove key, and wait for moving parts to stop before leaving operator's position for any reason such as when making any repairs, adjustments, inspections or cleaning unit.



### **Exhaust Fumes**

Fumes from the engine exhaust can cause injury or death.



### **Good Ventilation**

DO NOT run engine in an enclosed area. Always provide good ventilation and wait until the hazard has been removed.



### **Explosive Fuel**

Gasoline is highly flammable and its vapors are explosive. Handle with care. Use an approved (RED) fuel container.

NEVER allow smoking materials, sparks or flame (match, pilot light, etc.) near unit or fuel container.

Check fuel supply before starting engine. Fill fuel tank outdoors with extreme care; DO NOT fill fuel tank indoors, when engine is running or while engine is still hot from operation. Replace fuel cap securely and wipe spilled fuel before starting engine.

Safety goggles protect eyes from objects that may be thrown from unit.

Wear adequate:

• Eye protection



### **Visual Obstruction**

Dust, smoke, fog, etc. can reduce vision and cause an accident. Operate unit only when there is good visibility and light.

### **OPERATIONAL SAFETY**

### **Rules of Operation**

KNOW Your Unit - Before Starting Engine

How to operate all controls The functions of all controls



- How to Stop in an Emergency
- Speed ranges
- Braking & steering characteristics
- Turning radius and clearances



### **Abnormal Vibrations**

Stop unit and engine immediately. Remove key and wait for moving parts to stop. Check for and repair any damage before restart.



DO NOT operate at too fast a rate. ALWAYS backup slowly.



### **Walk Around Inspection**

Complete a walk-around inspection of unit and work area to understand:

- Area of operation
- Your unit
- · All safety decals



### Clearances

Always check overhead and side clearances carefully before operation. Clearly mark potential obstructions.

NEVER allow anyone in front of unit while unit is in operation.



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



### **Child Safety**

Keep children out of the mowing area and under the watchful care of a responsible adult.



Be alert and turn mower off if children enter the area.



Before and while backing, look behind and down for small children.



### ALLOW NO RIDERS.

NEVER carry children. They may fall off and be seriously injured or may interfere with safe unit operation.



NEVER allow children to operate, play on or near unit.

	1.1.	
•		

EXPLOSIVE GASES can cause serious injury or death. ALWAYS keep open flames, sparks, or smoking materials away from battery.



Keep children a safe distance from battery.



### Work Area

Avoid slippery surfaces. Always be sure of your footing. Use caution when mounting or dismounting.

Check for weak spots on docks, ramps or floors.



- Avoid:
- Holes Curbs
  - Rough spots
- Ruts
- Ditches
- Drop-offs
- Deep mud • Oil spills

Obstacles

- Slippery surfaces



Keep area of operation clear of all children, persons, pets, and debris.



Use caution when operating on or crossing gravel drives, walks or roads. Stay alert for hazards and traffic.

Loose gravel can be thrown causing damage or injury. Be aware of mower discharge direction and do not point it at anyone. Turn off mower blades when not mowing.



### Hazardous Slopes

Unexpected changes in slopes can cause tip over or loss of control. Ascend or descend slopes slowly and with caution. Use extreme caution when changing direction on slopes.

- DO NOT operate across the face of slopes.
- DO NOT attempt to operate on steep slopes.
- Keep all movement on slopes slow and gradual.
- Avoid starting or stopping on a slope. If tires lose traction, disengage PTO and proceed slowly down the slope.
- DO NOT turn on slopes unless necessary, and then, turn slowly and gradually downhill, if possible.







- DO NOT mow near drop offs. ditches, or embankments. Unit can suddenly turn over if a wheel is over the edge of a cliff or ditch, of if an edge caves in.
- DO NOT mow on wet grass. Reduced traction could cause slidina.
- DO NOT try to stabilize the unit by putting your foot on the ground.

### **Operation in Reverse**

DO NOT mow in reverse unless absolutely necessary. Always look down and behind before and while backing. If you can not back up the slope or feel uneasy, do not mow it.



### Parking

Never leave a running unit unattended.



Always shut off PTO, set parking brake, stop engine, and remove key to prevent unauthorized use.



### Unit Roll-Away

DO NOT park the unit on an incline and leave it unattended.

### Transport

**IMPORTANT:** NEVER push or pull (tow) the unit with another vehicle. Transmission damage will occur. When transporting, use truck or trailer. Disengage PTO and use extreme caution while loading unit for transport. Once loaded shut off engine, block wheels, and strap unit down. Tie unit down at frame or other structural member, never at controls or linkages which could be damaged.

## UNIT SAFETY



#### Covers

Thrown or flying objects can cause serious injury or death. ALWAYS keep all safety devices and guards in position and operating properly.

Assure protective structures, guards, shields, screens, panels are in good repair, in place and securely fastened. Check their operation regularly.



#### Components

NEVER remove or modify any safety components on the unit. Check for proper operation regularly.

DO NOT touch unit parts which might be hot from operation. Before attempting to maintain, adjust or service allow parts to cool.



Replace damaged, missing or weakened components. Keep all nuts and bolts, especially blade attachment bolts, tight. Always keep unit in good condition.



#### Safety Surfaces

Keep all nonskid surfaces clean. Replace safety treads if worn, damaged, or missing.



DO NOT step on rotary mower deck.



#### Modification

NEVER modify, alter, or permit anyone to modify or alter the unit or its components.



DO NOT modify unit while engine is running except where specifically recommended.

### SAFETY DECALS AND LOCATIONS

ALWAYS replace missing or damaged Safety Decals. Refer to (Figure 2) for Safety Decal locations.





### CONTENTS

- Dealer Preparation
- Adjustments
- Delivery

# Assembly

### **DEALER PREPARATION**

**Customer Note** – Your Ariens Dealer is expected to complete these preparation steps and review important information, including this manual, with you before or upon delivery of unit or attachment.

The preparation information is included here so that you and your dealer may review it together.



Remove wire from spark plug before attempting any adjustment or assembly procedures.

### **Tools Required**

Phillips Screwdriver



### Package Contents

EZRider, mower deck (Figure 3) and Literature Pack.

### **Remove Unit from Container**

- 1. Remove shrink wrap and packaging materials.
- 2. Remove mower deck from under the unit (1648 models).
- 3. Remove engine shroud cover.



### **Adjust Dump Valve**

- Locate the dump valves under the unit, on the back of the transaxles, loosen the jam nut and turn the dump valve turn buckle until it expands. As the dump valves move in, they will become free from the levers (closed).
- When the dump valves are closed, push unit from shipping container onto a level surface. Reverse procedure to open the dump valves. When the dump valves are open unit can be driven (Figure 4).



**IMPORTANT:** NEVER push or pull (tow) the unit with another vehicle. Use a truck or trailer when transporting or transmission damage can occur.

### Tires

Adjust tire pressure to between 10-12 psi (65-83 kN/m<sup>2</sup>) for all tires.

### Battery

 To remove battery from unit, tilt the operators seat up and remove the two screws at the front of the seat support, use a Phillips screwdriver. Tilt control panel forward. Remove rubber strap from battery, disconnect battery wires and slide the battery out (Figure 5).



- 8. Place battery on a bench or other place which is well ventilated and where an acid spill will not create damage.
- 9. Fill each cell with electrolyte to level indicated.
- 10. Follow charger manufacturer's instructions to charge battery.

### **Service Engine**

To access engine, remove engine shroud cover.

 Unhook shroud latch and flip operator seat forward. Push in on clips located under seat and lift shroud cover up and off unit. Place aside. After service is completed, replace engine shroud cover (Figure 6).



12. Add engine oil. See Engine Manual for specifications.

### **Engine Fuel**



and its vapors are explosive. Use an approved (RED) gasoline container.

13. Add clean fuel to the fuel tank.

**IMPORTANT:** Refer to Engine Manual for fuel type.

### Service the Transaxles

14. Remove Engine Shroud Cover. Check oil level in reservoir, located on the right hand side and in front of engine. Assure level is at or above the line at the bottom of the tank. Add oil as needed; use Mobil DTE 26 or 30W oil. To fill clean area around cap, unscrew cap, add oil, replace cap, and wipe area clean.

### Hardware

15. Check for loose hardware.

### **Check Safety Interlock System**



Failure of interlock, together with improper operation, can result in severe personal injury.

16. Check to see that interlock system operates correctly. See Operation Section.

### Lubrication

17. No additional lubrication is needed. The unit is lubricated properly by Ariens upon assembly.

### **Readjust Dump Valve**

18. Locate the dump valves under the unit, on the back of the transaxles, tighten the jam nut and turn the dump valve turn buckle until it pushes the plates out. As the dump valves move out they will become open. When the dump valves are open fully, the unit can be driven (Figure 4).

### Install Mower on 1648 (002)

19. Hook Front Pin in frame. Hook Rear Hanger into the holes in the bottom of the frame on both sides. Lower the attachment lift lever all the way down. Hook the height adjustor into the Attachment Lift Lever. Install Washers and Hair Pins on each (Figure 7). Install deck belt; see General Maintenance Section.



### **Test Operation Of All Controls**

# 



Check function of all controls before starting engine. All safety devices and guards must be in position and operating properly or injury may result.

### ADJUSTMENTS

Ariens recommends that adjustments be made by the Ariens dealer. He has the knowledge and tools to properly perform adjustments which may be required to keep the unit operating at peak efficiency. Should the decision be made to make the following adjustments on the unit yourself, Ariens recommends calling the dealer for answers to any questions that might arise.

# **WARNING**



Lower attachment, engage parking brake, stop engine, remove key, wait for moving parts to stop before dismounting and servicing.

If the unit does not stop when the speed control levers are in neutral, then "Neutral Adjustments" are required.

### Neutral Adjustment (Speed Control Lever)

1. Stop the engine. Remove the ignition key. Push the PTO knob in the "OFF" position.

### Jack Placement Under Unit



**PREVENT** personal injury! **ALWAYS KNOW** that jack(s) or blocks used are stable, strong and will support the weight of the unit.

 Place jack(s) under rear transaxles only. If jack(s) are not available, place support blocks under both transaxles at the rear of unit.

CAUTION

- Raise the rear drive wheels off the floor. Remove side shrouds. Place aside for replacement.
- 4. Start the engine and run it at part throttle.
- Loosen the two lock nuts holding the Speed Control arm. Turn and loosen the connection to the Speed Control Arm with the flange to bushing until the wheel stops rotating. Lock the Speed Control Arm in place by tightening the two lock nuts. Repeat procedure for other side of unit (Figure 8).



### **Parking Brake Adjustment**

There are two knob positions for the Parking Brake.

- 1. "ON" or Engaged Pull the knob up and forward.
- 2. "OFF" or Disengaged Pull the knob up and push backward.

To adjust the "ON" position, pull the Parking Brake knob up in the travel slot until the nut on the rod can pass through the keyway. The knob can now be pulled forward. Turn the nut on the rod threads until the rod can not move backward when it is dropped in the travel slot. The rod will now stay in the "ON" or Engaged position.

If one or both of the rear wheels do not turn easily, check brake to assure it is disengaged.

### Seat

Be sure all controls can be reached safely from operators position. To adjust seat, see Seat in Operation Section.

### Mower Level (Side to Side)

# CAUTION

SHARP BLADES can cut body parts or cause amputation.

Use sturdy gloves or padding to protect hands when working with mower blade(s).

**NOTE:** A wood block (about 1" square by 5" long) may be used under pan for blade measurement. Wrap block with masking tape, mark tape with cutting edge of blade and measure distance from end of block to mark(s). (This method avoids errors by having to read any measurements under pan.)

- 1. Position unit on a smooth, flat, level surface. Set tire pressure properly.
- Position blade(s) side to side, measure distance of blade tips to floor at right and left side of mower pan (Figure 9 and 10). Rotate blade(s) 180 degrees and check again. The measurement should be equal within 1/8 of an inch side to side.



3. To correct for difference in height of blade tips from side to side, loosen nut on height adjuster (Figure 9). Turn height adjuster nut clockwise on low side of mower pan to raise low side one half the difference in height. Turn height adjuster nut counterclockwise on high side to lower high side the other one half of the height difference.

### **Mower Pitch and Height**

 Proper blade pitch is when the blade tip, measured from the bottom surface (Figure 11), is 1/8" to 1/4" lower at front of mower pan than when same tip is at rear of mower pan. To adjust pitch loosen flange lock nuts and slide adjusting tabs up or down to achieve proper pitch (Figure 9).



- 2. Adjusting hanger hooks equally raises or lowers the mower pan and changes cutting height. To adjust, loosen upper nuts on hanger hooks and turn lower nuts equally clockwise to lower or counterclockwise to raise rear of rotary mower. With mower attachment lift in highest position, front blade height should measure 4" from ground level.
- 3. Secure hanger hooks by tightening nuts.

### **Mower Attachment Lift**

Move attachment lift lever to the right and lift for maximum cutting height (5"). Move attachment lift lever to right and lower for lowest cutting height (1"). Intermediate positions allow selection of cutting heights between these values.

### **Anti-Scalp Rollers**

Secure rollers in top position for average lawn mowing. Use lowest roller position when mowing in higher cutting height and rough terrain to guard against most scalping. Use top roller position when cutting at lowest cutting height.

For a smooth appearance, cut lawn using frame suspended models with anti-scalp rollers. Keep antiscalp rollers adjusted to the minimum 1/2" above flat hard smooth surface.

**NOTE:** The rollers are intended for anti-scalping, not for controlling cutting height.

### **Mower Belt**

The mower belt idler system is designed to provide constant tension on the belt.

### DELIVERY



### Using the Owner/Operator Manual, instruct the customer on controls and operation of unit. **Emphasize safety** and discuss the Safety Precautions.

Give the customer the Owner/Operator Manual. Advise customer to thoroughly read and understand it.

Explain recommended lubrication and maintenance of unit. Advise customer on adjustments.

Fill out Original Purchaser Registration Card and return it to Ariens.

Be sure to place the unit model and serial number on page in the front of this manual.

### Warranty

Explain Ariens Limited Warranty Policy.

# SECTION 4: OPERATION Δ



- Pre-Start
- Engine Fuel
- Seat Adjustments

# Operation

# PRE-START

Check that the engine oil is at proper level using dipstick. Fill or change per instruction in General Maintenance Section.



# CAUTION

Make sure all hardware is tight, all safety devices in place and all adjustments are made correctly.

# **ENGINE FUEL**



Gasoline is highly flammable and must be handled with care.

NO open flame

NO matches

NO smoking

Allow engine to cool several minutes

before removing fuel tank cap. Never fill tank when engine is running or hot from operation.

**IMPORTANT:** Refer to Engine Manual for fuel type.

NOTE: To prevent foreign particles from entering tank while filling; wipe dust, dirt and debris from around cap before removing.

- Standard Controls
- Controls and Features
- Starting and Shut-Off

OL0100

- Operation
- Parking
- Mowing Tips



DO NOT touch unit parts which might be hot from operation. Before attempting to maintain, adjust or service allow parts to cool.

DO NOT overfill. Wipe up any spills and allow vapors to dissipate.

# SEAT ADJUSTMENTS

Lift up and tilt seat forward to locate seat adjustment screws on the seat plate. Loosen the two front and back screws that hold the rear springs. Slide operator seat forward or rearward as desired. Retighten screws as required.

# STANDARD CONTROLS

See Figure 12 for Controls and Features Locations.

### **Travel-Steering Control Levers**

The Travel-Steering Control Levers are used to start, stop, steer and control the travel direction of the unit.

### **Neutral Lock**



To start, lock unit in neutral by pushing both Travel-Steering Control Levers outward-to each side-from centered (neutral) position (Figure 13).

### Straight Forward

Push the Travel-Steering Control Levers SLOWLY forward the same distance from the centered (neutral) position. The

further you move the lever, the faster the unit will travel forward. (Travel-Steering Control Levers have quick response timing.)



Figure 12

OE0100

### Straight Backward (Reverse)



Pull the travel-steering levers back the same distance from the centered (neutral) position. The further you move the levers, the faster the unit will travel in reverse.

### Turns



Move one Travel-Steering Control Lever forward and the other backward. Pushing the lever forward from the centered position moves the unit forward on that side; pulling the lever back from the centered position moves the vehicle backward on that side.

- 1. Left Lever further forward than Right Lever: Turns the unit to the right.
- 2. Right Lever further forward than Left Lever: Turns the unit to the left.

### Throttle Lever



(Also Choke Lever on models 915001,915003,915301)

The throttle lever is used to change the speed of the engine.

Moving the throttle lever to the "FAST" position increases the engine speed.

Moving the lever to the "SLOW" position decreases the engine speed.

### Ignition Switch

OL0330



The ignition switch is operated with a removable key. Use the ignition switch key, the switch may be turned clockwise from the "OFF" position to the "START" position the key will spring back to the

"RUN" position.

- "OFF" Position: Ignition system is shut down.
- "RUN" Position: All controls are operable.

"START" Position: Starter turns over in the Ø engine.

To start the engine, the key must be in the "START" position. To stop the engine, turn the key to the "OFF" position.

# 



ALWAYS turn PTO switch "OFF", place travel-steer levers in neutral and lock out position, set parking brake, and turn ignition switch "OFF" before attempting any maintenance, adjustment, or leaving equipment unattended.

**Choke Control** 

(Model 915002) Pull choke control out to "CHOKE"



position. When engine has started, open choke gradually by pushing in.

**NOTE:** A warm engine requires less choking than a cold engine.

(Models 915001,915003,915301) The engine is choked by moving the Throttle Control to the "CHOKE" position.

### **Parking Brake**



To engage parking brake lift up on knob and pull forward until it stops. To disengage parking brake lift up on knob and push backward until it stops.

If one or both of the rear wheels do not turn easily, check brake to assure it is disengaged.

### Power Take Off (PTO) Switch



The power take off (PTO) switch is used to engage and disengage the mower. When the PTO switch is pulled out, it is in the "ON" position and the mower is engaged; when the PTO switch is pushed in, it is in the "OFF" position and the mower is disengaged.

### Attachment Lift



To raise attachment, (mower deck) move attachment lift lever to the right and pull up on lever.

To lower attachment, (mower deck) move attachment lift lever to the right to unlock it and push lever down.

### Safety Interlock System

The engine must shut off if the operator leaves the seat while the Travel-Speed Levers are in any position other than the "NEUTRAL LOCK" position and the PTO Switch is in the "ON" position.

# STARTING AND SHUT-OFF

See Figure 7 for Controls and Features Locations.

# CAUTION



**DO NOT** attempt to start your engine at this time. Read this entire manual and engine manufacturers operating instructions first.

### Starting

- 1. The operator must be seated.
- 2. Travel-Steering Control Levers must be in neutral lock position (Figure 13).



- 3. Put the PTO Switch in the "OFF" position.
- 4. If the engine is cold, pull out the Choke Control (model 915002) or push the Throttle forward into "CHOKE" (models 915001, 915003,915301).
- If the engine is warm or hot move the Throttle to the "FAST" position (models 915001,915003, 915301) or push in choke (model 915002).
- 6. Turn the ignition switch key clockwise to start. Release key when engine starts.

# WARNING



If equipment vibrates abnormally disengage attachment, stop engine at once, and remove key. Abnormal vibration is a warning of trouble. Repair any damage before restarting. 7. As soon as the engine starts, push in the Choke Control or move the Throttle off "CHOKE". Wait until the engine is running smoothly before operating the unit.

### Shut-Off

- 1. With both Travel-Steer Control Levers pulled back to neutral, bring unit to a complete stop on level ground.
- 2. Push PTO switch in.
- 3. Move the Throttle Lever to the "SLOW" position.
- 4. Turn the Ignition Key to "OFF".
- 5. Pull up and forward on parking brake handle.

### **O**PERATION

See Figure 11 for Controls and Features Locations.

WARNING



**MOVING PARTS** can cause injury or death. DO NOT wear loose clothing or scarves that may get caught in rotating parts.

DO NOT allow anyone in front of equipment while it is in operation. Be familiar with area of operation.

DO NOT put hands or feet near or under rotating parts.

AVOID slippery surfaces. Wear proper footwear to improve footing on slippery surfaces.

Wear eye protection. Safety goggles protect eyes from thrown objects.

# CAUTION



Stay alert for holes, rocks, roots and hidden hazards in area of operation. Exercise extreme caution when operating on or crossing gravel drives, walks or roads.

**NOTE:** Unit is equipped with an internal combustion engine. DO NOT use equipment on or near any unimproved, forest-covered or brush-covered land unless exhaust system is equipped with a spark arrestor meeting applicable local, state or federal laws. A spark arrestor, if it is used, must be maintained in effective working order by operator.

### Speed

# WARNING

DO NOT operate at too fast a rate.

Sudden forward or backward movement in Travel-Steer Control Lever(s) and fast speeds can cause injury or death.

### NOTE: This unit is designed to be highly

maneuverable and responds quickly to movement of the control levers. Practice operation of the controls in a flat open area until you are comfortable with their operation. ALWAYS start and backup slowly and make turns with caution.

Move one or both travel-steering lever(s) forward and backward SLOWLY until you learn how to operate the unit properly. The further you move the levers, the faster the unit will travel.

### Mowing

To mow with the unit:

- 1. Adjust deck to desired height.
- 2. Move the Throttle to about half speed.
- 3. Pull the PTO switch to the "ON" position to engage the mower.
- 4. Move the throttle control lever forward to full engine speed.
- 5. Move travel-steering lever(s) to mow.

**NOTE**: Never engage the PTO if the mower is plugged with grass or other material. This may cause damage to the PTO belt.

### PARKING

# **WARNING**

MACHINE ROLL AWAY can cause injury or death. ALWAYS engage parking brake when leaving unit unattended.

Stop engine, and remove key before cleaning or servicing unit.

To park, stop the unit and engage the Parking Brake. Always take all possible precautions when leaving equipment unattended.

# Mowing Tips

The following tips will help you to mow safely, achieve maximum performance from your unit and maintain the desired appearance of the lawn.



ALWAYS stop engine, remove key, and wait for moving parts to stop before clearing rotary mower.

**NOTE:** Clean mower pan after each use. DO NOT allow grass clumps or a coating of grass and debris to collect inside of mower pan. Avoid operation over bare ground intermittent with grass cutting as this causes dirt and grass to collect and cake under pan surface.

Grass should be cut when it is dry; not when it is wet from dew, rain or from watering. Wet grass tends to pack inside mover pan and will not discharge, mulch or bag properly, especially if height of cut is set too low.

Keep mower blades sharp. Dull blades will tear grass and a white cast will result over a freshly cut lawn. The tips of the grass blades will then turn brown. A new lawn has soft blades of grass and a high moisture content. It is important to cut a new lawn with sharp blades.

Proper leveling and pitch of the rotary mower pan is needed for a smooth even lawn. If the pitch of the mower pan is in reverse or inadequate, grass will be cut twice, resulting in frayed grass ends. Too much pitch causes an uneven cut.

Upon first use of mower, cut the grass at a longer length than usual. This will prevent scalping due to the irregularities in lawn.

To insure most complete and even cut, overlap each swath.

Plan your cutting so that you always trim with the left side of the mower pan.

### Mowing Tips (continued)

Following the same pattern each time you mow the lawn can develop ridges. Change direction in mowing pattern (when possible) to prevent ridges.

Generally, grass should be cut at about 1-1/2" long in the spring, and not less than 2" long in the hot summer weather.

Lower speed at turns to prevent scuffing.

If grass is high, or if it contains a high degree of moisture, cut it first with the mower pan set high. Cut the grass a second time, with the mower pan set lower, for a better distribution of clippings and a cleaner cut.

For thick, lush or heavy growth lawns do not set the cutting height too low. Grass cut too short may die.

When the blade is set too low, the mower pan will drag on the grass and restrict air flow, causing a reduction in the discharge of grass clippings.

Discharge grass clippings away from borderline objects (sidewalks, driveways, fences) when cutting grass. Discharge grass clippings over cut grass when not cutting borderlines. This will prevent a buildup of grass clippings on uncut grass area.

Adjust anti-scalp wheels properly for smooth appearance in cut.

Mow with engine set at full throttle to maintain proper blade speed and air flow for discharge of clippings.

**NOTE:** Grass catcher components are subject to wear, damage, and deterioration which could expose moving parts or allow objects to be thrown. Frequently check components and replace with manufacturer's recommended parts when necessary.





- Service Position
- Engine Cooling
- Fuel Tank
- Belts
- Transport
- Storage
- Tires
  - Lubrication
- Hydraulics and Transaxle
- Mower Blades
- Battery
- Maintenance Schedule

# **General Maintenance**

Ariens Dealers will provide any service which may be required to keep your unit operating at peak efficiency. Should engine service be required, it can be obtained from a Ariens dealer or an authorized engine manufacturer's service center.

# **WARNING**



Stop engine and wait for moving parts to stop before attempting any maintenance procedures.

**ELECTRIC SHOCK** can cause personal injury and/or damage to equipment.

DO NOT remove wire from spark plug while engine is running.

# CAUTION



### DO NOT touch engine or drive parts which are hot from operation. Allow such parts to cool before servicing.



### **SERVICE POSITION**

Remove engine shroud.

### ENGINE COOLING



Correct maintenance can increase the life of the engine. See engine manual for information on the operation and maintenance of the engine.

Each day before operation or every 12 hours (more often if conditions require) check the following:

1. Check level of the oil in engine. Never operate the engine when oil level is below the add mark.

- 2. Check air cleaner element. Dirt can decrease the flow of air to the engine.
- 3. Check air cooling system on the engine. Debris can decrease the flow of air cooling the engine.

To change engine oil, open the valve, located on the left side of the engine at the back of the unit. The oil will drain through a tube under the back of the frame.

**IMPORTANT:** DO NOT operate engine with cooling fins plugged or removed; this will cause overheating and engine damage.

# FUEL TANK



Add fuel to the fuel tank as needed. See your engine manual for the correct type and grade of fuel. To add fuel to the fuel tank:

- 1. Put the unit in an open area.
- 2. Stop the engine.
- 3. Tilt seat forward. Clean the fuel cap and the area around the fuel cap to prevent dirt from entering the fuel tank. Remove the cap from the fuel tank.
- 4. Fill the fuel tank. Use care, do not spill the fuel.

- 5. Replace the cap on the fuel tank and tighten.
- 6. ALWAYS clean up any spilled fuel before starting the engine.

### BELTS



**MOVING PARTS** can cut or amputate body parts.

ALWAYS wait for moving parts to stop before maintenance or service of unit.

### **Rotary Mower Belt Replacement**

Disconnect main idler spring from frame and remove belt from electric clutch and mower pan.

Install new belt in reverse order, checking for belt alignment and clearance.



### **Traction Belt**

Remove traction idler spring and belt from transaxles. Remove belt from engine sheave. Install new belt in reverse order, checking for belt alignment and clearance (Figure 14).

### **Clutch Shaft Belt**

Remove transaxle belt (Figure 15). Remove idler spring from frame and remove belt from engine sheave. Remove belt from clutch shaft. Install new belt in reverse order, checking for belt alignment and clearance. Reinstall transaxle belt.



### TRANSPORT

Equipment should be shut off when transporting. To move the unit without the engine running, open the Dump Valve. Close the Dump Valve before operating.

**IMPORTANT:** NEVER push or pull (tow) the unit with another vehicle. Transmission damage will occur. When transporting, use a truck or trailer

# STORAGE

DO NOT change engine governor setting or over speed engine.

Keep all nuts, bolts and screws tight and be sure equipment is in safe working condition. Check all hardware at regular intervals.

Never store equipment with fuel in tank inside a building where fumes may reach an open flame or spark. Allow engine to cool before storing in any enclosure.

# TIRES

Before each use, make a visual check of tires. The correct air pressure is 10 to 12 psi (65 to  $83 \text{ kN/m}^2$ ).

### LUBRICATION

Apply a small amount of oil to the pivot points as required for smooth and proper operation.

Apply high quality, lithium-based grease to the grease fittings on the three Idler Arms, the front wheel spindles, and the steering controls every 50 hours of operation (Figure 15, 16 and 17).



### Hydraulics and Transaxles

# **WARNING**



**HYDRAULIC FLUID WILL CAUSE SEVERE BURNS.** Fluid in the hydraulic system can penetrate the skin and cause serious injury or death.

Keep body and hands away from pin holes or nozzles which expell hydraulic fluid when under pressure. Use paper or cardboard and not hands to search for leaks.

Make sure all hydraulic fluid connections are tight and all hydraulic hoses and lines are in good condition before applying pressure to the system.

Foreign fluid injected into the skin must be surgically removed within a few hours by a doctor familiar with this form of injury or gangrene may result.

### Fluid Level

Check the hydraulic fluid level daily. Assure level is at or above the line at the bottom of the tank. Add oil as needed; use Mobil DTE 26 or equivalent hydraulic oil. To fill: clean area around cap, unscrew cap, add oil, replace cap, and wipe area clean.

### **Transaxle Fluid**

The Transaxle fluid is a lifetime oil which need not be changed over the unit life.

# Mower BLADES



- 1. Turn the engine off and remove the ignition key. Remove the ignition wire from the spark plug.
- 2. Remove the lock nuts, flat washers, and blades from the spindle shafts.

- 3. Sharpen the beveled edges of the blades in a straight line. Do not change the angle of the beveled edge. If more that 0.5 inch (12.7mm) are removed from the width of a blade, discard the used blade. Make sure the sharpened blades are balanced. Balance must be held within 1.3 inch ounces.
- 4. Put the blades, washers, and lock nuts back on the spindle shafts.
- 5. Tighten the lock nuts to a torque of 60 ft. lbs. (82 Nm).
- 6. Put the ignition wire back on the spark plug.

# BATTERY

When charging battery remove it from unit first. Keep batteries out of reach of children. ALWAYS follow information provided on battery by the battery manufacturer. Lead acid batteries generate explosive gases. Severe chemical burns can result from improper handling of battery electrolyte. Wear safety glasses and proper protective gear when handling batteries to prevent electrolyte from coming in contact with eyes, skin or clothing.

# WARNING

**EXPLOSIVE GASES** can cause serious injury or death. ALWAYS keep open flames, sparks, or smoking materials away from battery.



# 

DO NOT allow tools or other objects to come into contact with both terminals at same time.

Connect positive (+) lead of charger to positive (+) terminal, and negative (-) lead to negative (-) terminal. Reverse connections can cause sparks and potentially unsafe conditions.

When removing battery from unit, remove negative (-) cable first to reduce risk of sparks.

ALWAYS connect positive (+) cable first, then connect negative (-) cable.

### **Battery Electrolyte First Aid**

- External Contact: Flush with water.
- Eyes: Flush with water for at least 15 minutes and get medical attention immediately!
- Internal Contact: Drink large quantities of water. Follow with Milk of Magnesia, beaten egg or vegetable oil. Get medical attention immediately!

**IMPORTANT:** In case of internal contact, DO NOT give fluids that would induce vomiting!

### Terminals

Keep battery and its terminals clean. Inspect monthly to maintain best performance. To clean terminals, remove battery from unit by removing cables. Remove tie down rod nuts and lift battery out. Clean or service battery away from unit. Remove corrosion from battery terminals and cable connections with wire brush, then wash with a weak baking soda solution. After cleaning, apply a thin coat of grease or petroleum jelly to terminals and cable ends to retard corrosion. Reinstall battery.

### **Electrolyte Level**

Every 25 hours of operation check electrolyte level of each cell by removing caps one at a time. The electrolyte level should be at level indicated. Use distilled water to fill each cell if needed. Install and tighten each cap after checking.

**IMPORTANT:** When distilled water is added to battery during freezing weather, battery must be charged to mix water with electrolyte, or water will remain at top and freeze.

To charge battery remove battery from tractor, remove vents, and charge at a rate of 4 to 6 amps for 10 hours on a fully discharged battery. (Specific Gravity reading of 1260, plus or minus 5 points on all cells).

**IMPORTANT**: DO NOT fast charge. Charging at a higher rate will damage or destroy battery.

# MAINTENANCE SCHEDULE



000010

Correct maintenance can increase the life of the unit. The following charts show the recommended service schedule that should be performed. More frequent service may be required due to working conditions

(heavy loads, high ambient temperatures, dusty conditions, or airborne debris).

See the maintenance instructions in the Engine Manual.

MAINTENA	NCE SCH	IEDULE			
SERVICE PREFORMED		TIME INTER	RVALS BET	WEEN SERV	ICE
	DAILY	25 HRS.	50 HRS.	100 HRS.	500 HRS
Check Engine Oil	•				
Check Safety Interlock System	•				
Check the Air Cleaner	•				
Clean and Reoil Foam Air Filter		•			
Change Engine Crankcase Oil		•			
Check Tire Pressure		•			
Check the Battery Fluid		•			
Check the Battery		•			
Check Fasteners and Brake Adjustment		•			
Check Mower and Drive Belts		•			
Lubricate All Pivot Points			٠		
Grease Steering System and Front Axle Spindles			•		
Grease Mower Spindles			•		
Check Spark Plugs				•	
Replace Fuel Filter				•	
Clean Engine				٠	
Replace Paper Air Filter				•	

	MAINTENANCE RECORD	0E0246
SERVICE TO BE PERFORMED	TIME INTERVALS BETWEEN SERVICE	
	25 HRS. ACTUAL HOURS DATE 50 HRS. ACTUAL HOURS DATE 75 HRS. ACTUAL HOURS DATE 100 HRS. ACTUAL HOURS DATE 125 HRS. ACTUAL HOURS DATE 150 HRS. ACTUAL HOURS DATE 200 HRS. ACTUAL HOURS DATE 225 HRS. ACTUAL HOURS DATE 225 HRS. ACTUAL HOURS DATE 225 HRS. ACTUAL HOURS DATE 225 HRS. ACTUAL HOURS DATE 225 HRS. ACTUAL HOURS DATE 250 HRS. ACTUAL HOURS DATE 275 HRS. ACTUAL HOURS DATE 275 HRS.	ACTUAL HOURS DATE 325 HRS. ACTUAL HOURS DATE 350 HRS. ACTUAL HOURS DATE
Change Engine Oil		•
Check the Fasteners		•
Check the Battery and Battery Fluid		•
Check the Tire Pressure		•
Lubricate Pivot Points and Grease Steering System		
Grease Mower Spindles		•
Check Spark Plugs, Air Filter and Fuel Filter		

Always use genuine Ariens service parts and accessories to ensure your machines peak performance

SERVICE TO BE DEDEORMEN							M	A	Z								MAINTENANCE RECORD		\$ ₽			ñ			n	Z			š – –	2	n													OE0250
SERVICE TO BE PERFORMED												_	7	Ē	=	- A	TIME INTERVALS BE	R	$\geq$	5	S S	Ĕ		≥.	ä	Z	SI	H	TWEEN SERVICE	Ō	Ш													
	375 HRS.	ACTUAL HOURS	DATE	400 HRS.	ACTUAL HOURS	DATE	425 HRS.	ACTUAL HOURS	DATE	450 HRS.	ACTUAL HOURS	DATE	475 HRS.	<b>ACTUAL HOURS</b>	DATE	500 HRS.	ACTUAL HOURS	DATE	525 HRS.	ACTUAL HOURS	DATE	550 HRS.		ACTUAL HOURS	DATE 575 HRS.		ACTUAL HOURS	DATE	600 HRS.	ACTUAL HOURS	DATE	625 HRS.	ACTUAL HOURS	DATE	650 HRS.	ACTUAL HOURS	DATE	675 HRS.	ACTUAL HOURS	DATE	700 HRS.	ACTUAL HOURS	DATE	
Change Engine Oil	•			•	· · · · · · · · · · · · · · · · · · ·					•			•			•													•						•									
Check the Fasteners	•	-								•						$\bullet$							•									•			•						• •			
Check the Battery and Battery Fluid		·····					•																					•	•			•						•						I
Check the Tire Pressure										•		-	•			•													•			•												L
Lubricate Pivot Points and Grease Steering System										•																					·		ļ	_						1.		<b></b>		L
Grease Mower Spindles										<u> </u>						•													•	······································					•						•			
Check Spark Plugs, Air Filter and Fuel Filter							· · ·																				· · · · ·		•							· ·								
											1				1												1.																	



CONTENTS

- Specifications
- Warranty

# **Specifications**

	3	ZRIDER	
Model	915001,301	915002	915003
Engine	14 H.P. Briggs & Stratton	16 H.P. Briggs & Stratton	15 H.P. Kohler
Model Number	28P777-0644A1	303777-114281	PS-41531
Lubricant	56 oz. oil (1.66 liters)	56 oz. oil (1.66 liters)	64 oz. oil (1.89 liters)
Туре		OHV	
Speed		3250 rpm	
Fuel Tank			
Capacity		3.5 gals. US (13.3liters)	
Crankcase		· · · · · · · · · · · · · · · · · · ·	
Capacity	56 oz. (1.0 liters)	4 pts. (1.9liters)	64 oz. (1.0 liters)
Fuel		See engine manual	
Lubricant		See engine manual	
Tires			
Rear	And the state of t	18 x 8.50-8 4 ply rating	
PSI		10 to 12 psi (83 to 103 kN/m <sup>2</sup>	2)
Front		11.0x4.00-5	·
Hydrostatic System		and a second	the state of the second s
Lubricant Type		Mobil DTE 26	
Speeds @ 3200 rpm			
Forward		0 to 5.7 mph (9.1 km/hr)	, , <sup>and</sup> <sup>th</sup> the bost second se
Reverse		0 to 4.1 mph (6.6 km/hr)	
Speeds @ 2900 rpm	915301		
Forward	0 to 5.2 mph (8.4 km/hr)		
Reverse	0 to 3.6 mph (5.8 km/hr)		
Length	· · · · · · · · · · · · · · · · · · ·	71.88 inches (182.5 cm)	
Width		44.5 inches (113.0 cm)	
Height		44.7 inches (113.5 cm)	
Weight	588 lbs. (267 kg)	628 lbs. (385 kg)	588 lbs. (267 kg)

### OUALITY

### PRODUCTS



### **QUALITY**

### GUARANTEE

Ariens Company hereby warrants to the original consumer purchaser that products manufactured by Ariens Company will be free from defects in material and workmanship FOR A PERIOD OF FIVE (5) YEARS FROM THE DATE OF PURCHASE, EXCEPT AS NOTED BELOW.



#### **PROTECTION PLAN**

• The Company will provide for the replacement of any part found upon examination by the Company to be defective. Such repair or replacement will be free of charge to the purchaser (labor and parts) for two years (24 months) from the date of purchase. Ariens manufactured parts (but not labor) will be free of charge for an additional three years (36 months) thereafter.



#### PURCHASER RESPONSIBLITIES

- · Maintenance & minor adjustments per owners manual
- · Notification of need for warranty service
- Transportation to/from place of warranty repair



#### **PRODUCT REGISTRATION**

· Return of registration card required to validate warranty

#### PURCHASED COMPONENTS & NORMAL WEAR



- · Two year labor and parts on purchased components i.e., (tractor drive train components manufactured by Dana, Eaton, Foote, Sundstrand and any plastic and electrical components, wire harness, bags, boots, tubes, etc.).
- · Two year labor and parts on normal wear items i.e., (belts and rubber components, bearings, cables, controls, clutches, tines, etc.).



#### BATTERY WARRANTY PRORATED

- One to six months free replacement
- Seven to twelve months 50% credit
- Thirteen to twenty-four months 25% credit

### WARRANTY - COMMERCIAL PRODUCTS

- · One year parts and labor
- Product labeled commercial/professional
- · Household use 5 year limited warranty applies

#### This warranty is subject to the following exceptions and limitations: **RENTAL USE - ALL PRODUCTS** NINETY DAYS LABOR & PARTS

CONSUMER PRODUCT - PUT TO COMMERCIAL. INDUSTRIAL, INSTITUTIONAL USE

### NINETY DAYS LABOR & PARTS

#### **SERVICE PARTS & ACCESSORIES**

NINETY DAYS LABOR & PARTS

#### SERVICE

· For warranty service, contact any Ariens Distributer or Dealer. For the name and location of the Ariens Distributer or Dealers in your area, and for further warranty information, write or call Ariens Company.

#### **ENGINES, ENGINE ACCESSORIES, & PEERLESS PRODUCTS**

· Covered only by manufacturer's warranty

#### **EXCLUSIONS**

- No warranty is extended to blades, mower vanes, skid shoes, runners, scraper blades, shear bolts, light bulbs, headlights and any equipment which has been altered, misused, misassembled, improperly adjusted, neglected, or damaged by accident.
- · No warranty is extended for service completed by anyone other than an authorized distributor or dealer.
- No warranty is extended on any parts that are not genuine Ariens service parts.
- Ariens Company reserves the right to incorporate any changes in design into its products without obligation to make such changes on products previously manufactured.



Crafted in

America Since 1933



in connection with the consumer's use of the product. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitation and exclusions may not apply to you.



riens

#### There is no other express warranty. Implied warranties, including any warranty of merchantability or fitness for a particular purpose are limited to the duration of this written warranty, and are excluded to the extent permitted by law. There are no warranties which extend beyond the description of the product contained herein.

In no event shall the company be liable for indirect, special or consequential damages (such as loss of anticipated profits) Ariens® EZRider™ Rev. 1/96

OL 1240



### 915 Series EZRider Dealer Preparation Checklist

#### NOTE: Refer to Owner/Operator Manual for detailed instructions.

 Remove battery - fill with electrolyte - charge. (Specific Gravity 1.265 ± .05)

Cell #1	Cell #2	Cell #3	Cell #4	Cell #5	Cell #6

- 2. Check and add engine crank case oil and transaxle oil, as required, with recommended oil.
- 3. Add fuel per engine manufacturer's recommendation.
- 4. Level mower pan side to side. Adjust pitch to 1/4" lower in front.
- 5. Check attachment lift.
- 6. Check steering controls operation.
- 7. Check for proper lubrication (grease and oil pivot points).
- 8. Adjust tire pressure to 10 psi.
- 9. Install Battery.
- 10. Check P.T.O. function, belt alignment and belt fingers.
- 11. Check all safety switches.
- 12. Complete Warranty Registration form and mail to Ariens Company.
- 13. Using Owner/Operator Manual instruct customer on controls and operation of unit. Emphasize safety and discuss the Safety Precautions.

Explain recommended lubrication and maintenance of unit.

Advise customer on adjustments.

Give customer his Owner/Operator Manual and engine manufacturer's instructions. Inform customer of the 5 year limited warranty. Advise to thoroughly read and understand them.

Ariens Company • 655 West Ryan Street • P.O. Box 157 • Brillion, WI 54110-0157