



## Auto Drive Lawn Mower

Model Number:

101SPM45      Serial No. 55500001 and up

## Renegade Auto Drive Lawn Mower

Model Number:

101SPM45B



*Model 101SPM45  
illustrated*

## Operator's Manual

# Table of Contents

---

|                                       |    |
|---------------------------------------|----|
| Introduction .....                    | 3  |
| Safety .....                          | 3  |
| Product Overview .....                | 4  |
| Safety Instructions .....             | 5  |
| Slope Operation .....                 | 5  |
| Children .....                        | 5  |
| Safety Decals .....                   | 6  |
| Assembly .....                        | 7  |
| Operating Tips .....                  | 8  |
| Adjusting Cutting Height .....        | 8  |
| Before Operating .....                | 9  |
| Filling the Engine with Oil .....     | 9  |
| Filling the Fuel Tank .....           | 9  |
| Operation .....                       | 10 |
| Starting the Engine .....             | 10 |
| Using the Auto-Drive System .....     | 10 |
| Stopping the Engine .....             | 10 |
| Mowing .....                          | 10 |
| Maintenance .....                     | 11 |
| Preparing for Maintenance .....       | 11 |
| Replacing the Blade .....             | 11 |
| Checking the Engine Oil Level .....   | 11 |
| Air Cleaner .....                     | 12 |
| Changing the Blade .....              | 12 |
| Cleaning the Mower .....              | 12 |
| Storage .....                         | 12 |
| Preparing the Mower for Storage ..... | 12 |
| Removing the Mower from Storage ..... | 12 |
| Spare Parts .....                     | 13 |
| The Pope Guarantee .....              | 14 |

# Introduction

---

## Introduction

Read this manual carefully to learn how to operate and maintain your product properly and to avoid injury and product damage. You are responsible for operating the product properly and safely.

You may contact Pope directly on 1300 134 880 for product and accessory information or help finding a dealer. A list of our dealers is located in the back of this manual.

Whenever you need service, genuine parts, or additional information, contact the authorised service dealer or customer service and have the model and serial number of your product ready.

This manual applies to Pope Mowers with the following Model numbers:

101SPM45  
101SPM45B

This manual uses illustrations of the mower, with model number 101SPM45. Please note that engine designs may vary between models. Refer to the Briggs and Stratton Operating & Maintenance Instructions included with your mower for more detail about your engine.

## Safety

Read and understand the contents of this manual before the engine is ever started.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Improperly using or maintaining this mower could result in injury or death.



## Warning

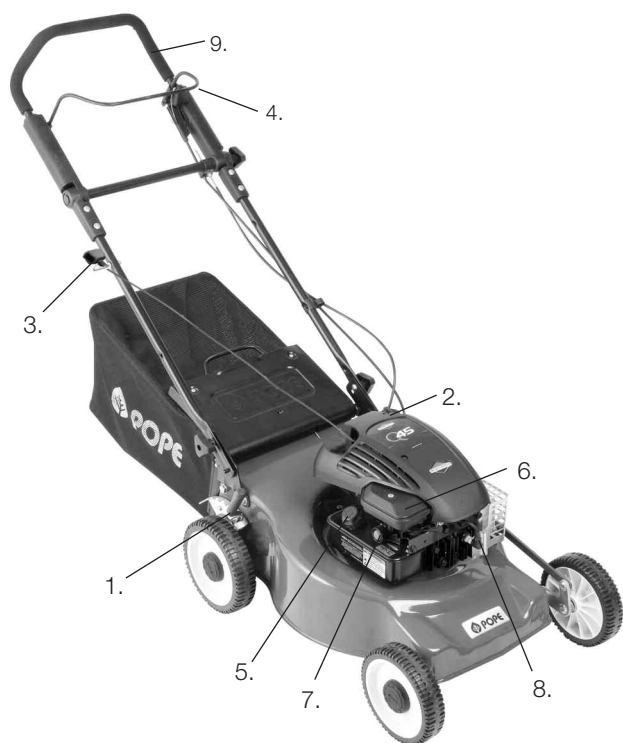


This manual identifies potential hazards and has safety messages identified by the following words:

- **Danger** signals an extreme hazard that will cause serious injury or death if you do not follow the recommended precautions.
- **Warning** signals a hazard that may cause serious injury or death if you do not follow the recommended precautions.
- **Caution** signals a hazard that may cause minor or moderate injury if you do not follow the recommended precautions.

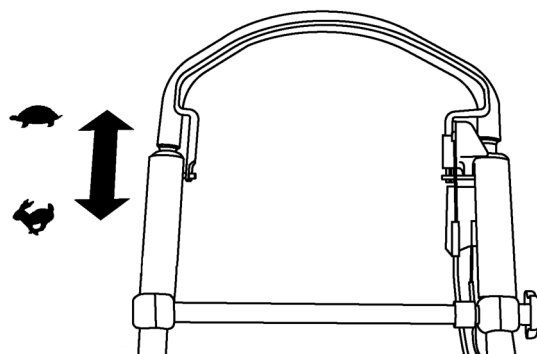
This manual uses two other words to highlight information. **Important:** calls attention to special mechanical information and **Note:** emphasises general information worthy of special attention.

# Product Overview



- 1. Cutting height lever
- 2. Oil fill/Dipstick
- 3. Recoil start handle
- 4. Safety stop lever
- 5. Fuel tank cap
- 6. Air filter
- 7. Primer
- 8. Spark plug
- 9. Auto Drive handle

The Pope Auto Drive Lawn Mower (Model 101SPM45) and Renegade Auto Drive Lawn Mower (Model 101SPM45B) feature an Auto Drive handle as shown below. It also has a gear drive mechanism, housed under the mower deck.



The unique Auto Drive feature allows you to walk with the mower at your own pace, rather than push the mower. The Auto Drive mechanism allows infinite speed control and can keep pace with you – up to 8 km/hr.

**Note:** This mower does not have a throttle control.

Write the Model and serial number in the space provided below. This will be useful when ordering spare parts for your Pope mower.

|                   |
|-------------------|
| <b>Model no.</b>  |
| <b>Serial no.</b> |

# Safety Instructions

---



## Warning



**Exhaust contains carbon monoxide, an odorless, deadly poison that can kill you. Do not run the engine indoors or in an enclosed area.**

- Read, understand, and follow all instructions on the machine and in the manual. Be thoroughly familiar with the controls and the proper use of the mower before starting.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Only allow responsible individuals, who are familiar with the instructions, to operate the mower.
- Do not allow children or infirm persons to operate the mower.
- Clear the area of objects such as rocks, toys, wire, bones, sticks etc, which could be picked up and thrown by the blade.
- Avoid striking solid objects with the blade. Never deliberately mow over any object.
- Be sure the area is clear of other people before mowing. Stop mower if anyone enters the area.
- Do not operate the mower when barefoot or wearing open sandals. Always wear substantial foot wear.
- Do not pull mower backwards unless absolutely necessary. Look down and behind before and while moving backwards.
- Do not operate the mower without proper guards, plates, grass catcher or other safety protective devices in place.
- Stop the engine when crossing gravel drives, walks, or roads.
- Stop the engine whenever you leave the equipment, before cleaning the mower or unclogging the chute.
- Shut the engine off and wait until the blade comes to complete stop before removing grass catcher.
- Mow only in daylight or good artificial light.
- Do not operate the mower while under the influence of alcohol or drugs.
- Disengage the drive system, if so equipped, before starting the engine.
- Never operate mower in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk; never run.
- If the mower strikes an object or starts to vibrate, immediately stop the engine, disconnect the wire from the spark plug, and examine the mower for damage.
- Always wear safety goggles or safety glasses with side shields when operating mower.

- Never make adjustments or repairs with the engine running. Disconnect the spark plug wire, and keep the wire away from the plug to prevent someone from accidentally starting the engine.
- Keep all nuts and bolts, especially blade attachment bolts, tight and keep equipment in good condition.
- Never tamper with safety devices. Check their proper operation regularly.
- Keep mower free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage. Allow mower to cool before storing.
- Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting.
- Never attempt to make wheel height adjustments while the engine is running.
- 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 genuine Pope parts, when necessary.
- Mower blades are sharp and can cut. Wrap the blade or wear gloves, and use extra caution when servicing them.
- Do not change the engine governor setting or over speed the engine.

## Slope Operation

- Slopes are a major factor related to slip and fall accidents which can result in severe injury. All slopes require extra caution. If you feel uneasy on a slope, do not mow it.
- Mow across the face of slopes; never up and down. Exercise extreme caution when changing direction on slopes.
- Do not mow excessively steep slopes.
- Do not mow near drop-offs, ditches, or embankments. The operator could lose footing or balance.

## Children

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

- 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 moving backwards, look behind and down for small children.
- Never allow children to operate the mower.
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.

# Safety Decals

---

## Safety Decals



43-8480



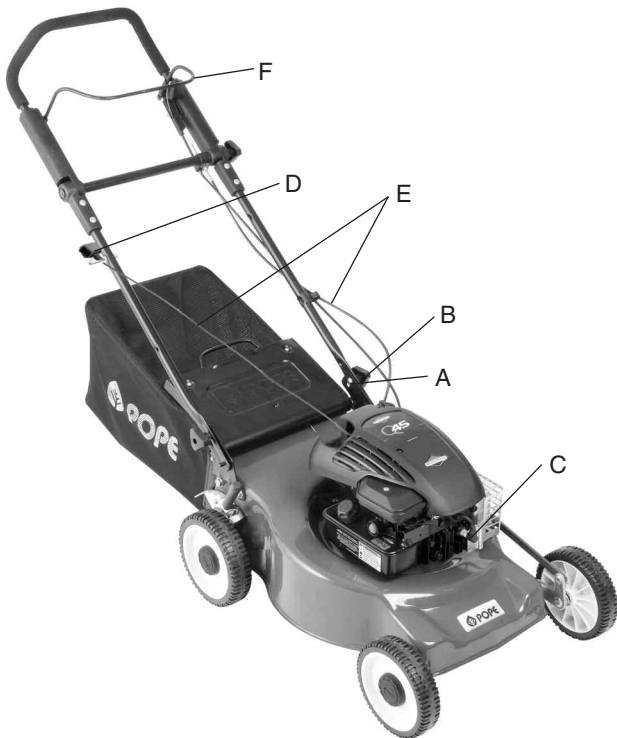
107-8971

1. Warning – read the Operator's Manual
2. Thrown object hazard – keep bystanders a safe distance from the machine
3. Warning – do not operate the mower without the rear catcher in place
4. Cutting/dismemberment hazard of hand or foot, mower blade – do not operate up and down slopes; stop the engine before leaving the operating position; and look behind you when backing

**Important:** Safety and instruction decals are located near areas of potential danger. Replace damaged decals.

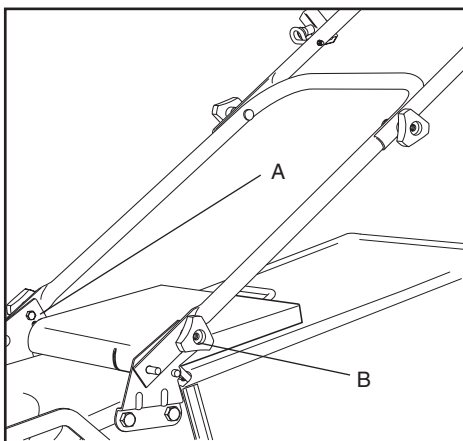
# Assembly

## Assembly



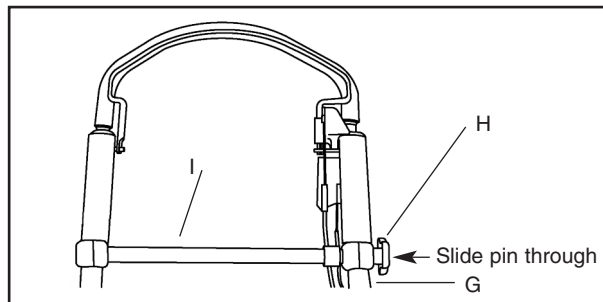
Remove the lawnmower from carton.

1. Carefully read and understand all instructions before attempting to assemble the mower.
2. Attach one lower handle to the deck, and insert the coach bolt (A) from the inside out into the square hole and handle. Attach the plastic knob and tighten (B). Repeat for the other handle.

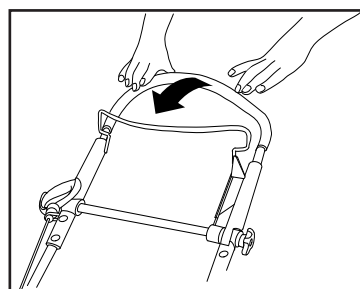


3. Undo the coach bolt (H) from the assembly and remove the long pin from the support brace (I).

4. Slide the Auto Drive mechanism on to the top of the secured handles (G). The pin should be re-inserted through the support brace (I) and the entire mechanism secured with the coach bolt (H).



5. Disconnect the spark plug wire (C) see diagram.



6. Engage the safety stop lever (F) by pulling toward you. Extend the starter cord to retainer (D) in upper handle.
7. Attach a cable tie around the throttle and blade brake cables (E).

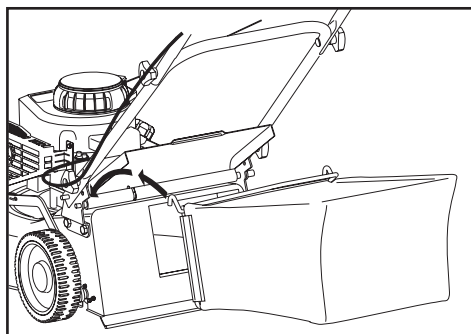


## Warning



**Cables that are bent, kinked or damaged in any way during installation could cause an unsafe operating condition. An authorised Pope dealer should be contacted if this occurs. Do not attempt to repair cable.**

8. Lift rear grass flap of the lawnmower and place the grass catcher frame side hook on the hinge shaft of the rear grass flap. The grass catcher is secured to the lawnmower housing when the rear grass flap is lowered on to the grass catcher. Spring tension from the rear grass flap will prevent removal of grass catcher during operation.



9. Remove plastic protection film from the engine.
10. Reconnect the spark plug wire (C) see diagram.

# Operating Tips

---



## Warning



Add oil before operating the mower. Refer to the “Before Operation Section” for instructions.

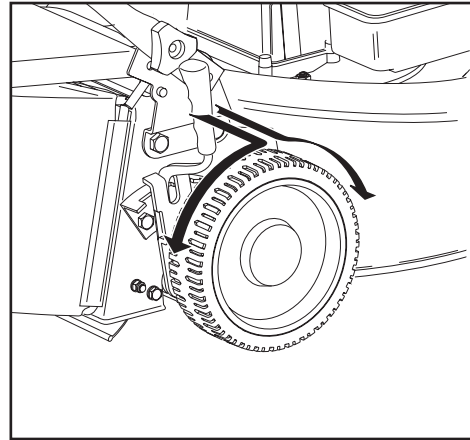
## Operating Tips

- For best performance, install a new blade before the cutting season begins.
- Replace the blade when necessary with a Pope replacement blade.

If the finished lawn appearance is unsatisfactory, try one or more of the following:

- Replace the blade.
- Walk at a slower pace while mowing.
- Raise the cutting height on your mower.
- Cut the grass more frequently.
- Overlap cutting swaths instead of cutting a full swath with each pass.

## Adjusting Cutting Height



- All four wheels are adjusted by a single lever.



## Warning



- Pull adjustment lever toward wheel. To raise mower, move lever forward to desired position. To lower mower, move the lever toward the rear for the desired position.



# Before Operating



## Danger



**Petrol is extremely flammable and explosive. A fire or explosion from petrol can burn you and others.**

- To prevent a static charge from igniting the petrol, place the container and/or mower directly on the ground before filling, not in a vehicle or on an object.
- Fill the tank outdoors when the engine is cold. Wipe up spills.
- Do not handle petrol when smoking or around an open flame or sparks.
- Store petrol in an approved fuel container, out of the reach of children.
- Do not secure the safety stop lever in the engaged position in any way. This is a necessary safety feature and should not be disabled.



## Warning



**Please ensure you read the entire operator's manual before operating your Pope mower.**

### Filling the Engine with Oil

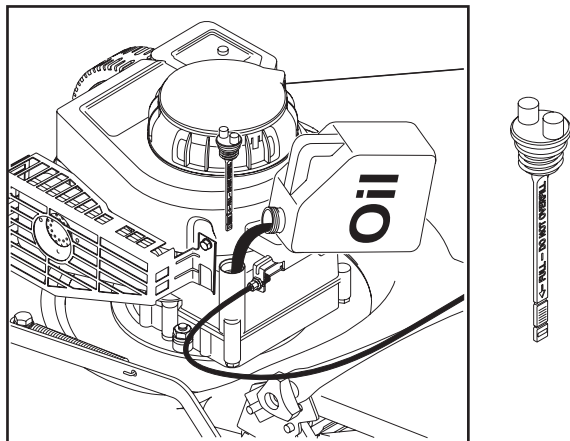
**Your mower does not come with oil in the engine.**

Engine holds 0.6L (20oz) of oil. Use the correct oil type according to the Briggs & Stratton engine operation manual.

**Note:** Use of non specified oils in engine could cause engine damage or reduce service life.

Be sure lawnmower is level and area around oil fill is clean.

1. Remove the dipstick. Remove engine oil cap.



2. **Slowly** pour oil into the oil fill tube to raise the oil level to the **Full** mark on the dipstick. **Do not overfill.**

**Note:** Allow oil to settle down into the engine for accurate reading. To read proper level, tighten engine oil cap, then remove it to read the dipstick.

3. Install the dipstick securely. Check oil level before each use.

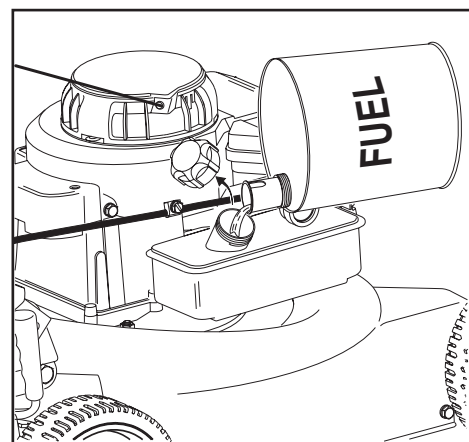
**Important:** Change the engine oil after the first 5-10 operating hours. Refer to Briggs and Stratton engine manual for correct procedure.

### Filling the Fuel Tank

Fill the fuel tank with fresh unleaded regular petrol from a major name-brand service station.

Use fresh, clean, regular unleaded petrol with a minimum 87 octane. Do not mix oil with petrol. Purchase fuel in quantities that can be used within 30 days to assure fuel freshness.

**Important:** Experience indicates that alcohol based fuels (called gasohol or using ethanol or methanol) can attract moisture which leads to separation and formation of acids during storage. Acidic fuel can damage the engine's fuel system. This type of fuel should be emptied before storage of 30 days or longer. Drain the fuel tank, start engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. See storage instruction for additional information. Never use engine or carburetor cleaning products in fuel tank or permanent damage may occur.

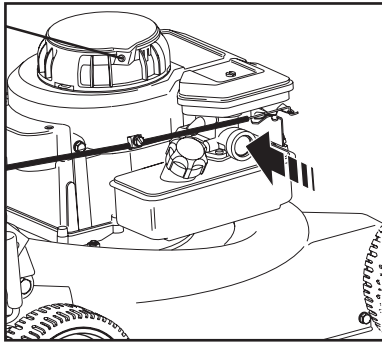


# Operation

## Starting the Engine

- Prime engine 3 times according to engine manual.

**Note:** If the air temperature is below 55°F (13°C), firmly push the primer in 5 times.



- Engage the safety stop lever by pulling towards handlebar.
- Grasp the rewind starter handle and pull start the engine.

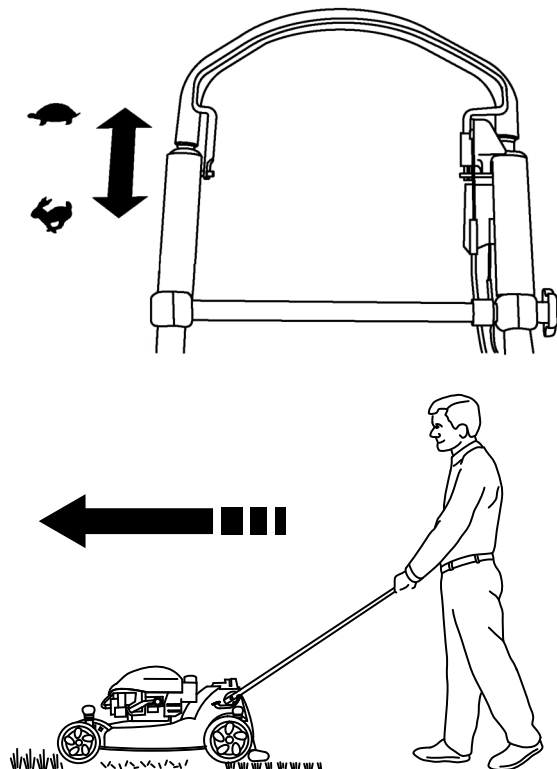
If the mower does not start in 1 or 2 pulls, press the primer button 1 or 2 times and try starting it again.

## Using the Auto-Drive System

- Start the engine as indicated.

**Note:** The Auto Drive Mower does not have a throttle control lever.

- To operate the Auto-Drive System simply walk with your hands on the upper handle and your elbows at your sides, and the mower will automatically keep pace with you.



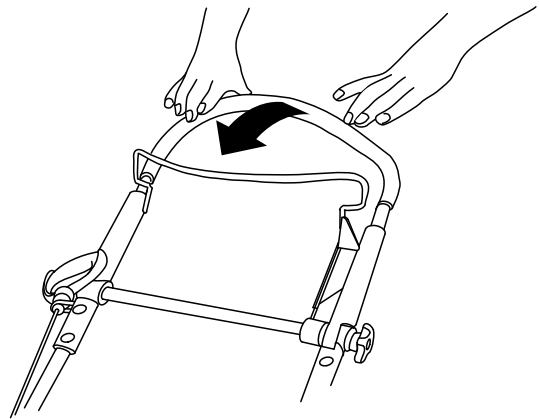
## Stopping the Engine

To stop the engine, stop walking.

- Release the safety stop lever to brake and stop the engine. This will also occur if lever is released in emergency conditions.
- Remove the spark plug cover after stopping the engine to avoid accidental starting.

### Caution

**Important:** When you release the Safety stop lever, both the engine and blade should stop within 3 seconds. If they do not stop properly, stop using your mower immediately and contact your Authorised Service Dealer.



## Mowing

### Caution

**Warning:** The grass catcher must be installed when mowing.

- For best results, adjust the lawnmower cutting height so that the lawnmower cuts off only the top 1/3 of the grass blades. If the lawn is overgrown it will be necessary to raise the height of the cut to reduce pushing effort and to keep from overloading the engine.
- Press down the push handle and lift the front wheels to make a turn with your Pope mower. Be careful of the rotating blades.

# Maintenance

**Note:** Determine the left and right sides of the mower by standing in the operating position.

## Recommended Maintenance Schedule

**Important:** Refer to your engine operator's manual for additional maintenance procedures.

| Maintenance Service              | Interval Maintenance Procedure  |
|----------------------------------|---|
| Each Use                         | <ul style="list-style-type: none"><li>• Check the engine oil level.</li><li>• Remove grass clippings and dirt from under the housing.</li></ul>   |
| 1 Year (25 Hours) <sup>1</sup>   | <ul style="list-style-type: none"><li>• Replace the air filter; replace it more frequently in dusty operating conditions.</li><li>• Change the engine oil. <sup>2</sup></li><li>• Replace the blade or have the blade sharpened; replace it or have it sharpened more frequently if the edge dulls quickly.</li></ul> |
| 4 Years (100 Hours) <sup>1</sup> | <ul style="list-style-type: none"><li>• Replace the spark plug (refer to your engine operator's manual).</li><li>• Clean the cooling system (refer to your engine operator's manual).</li></ul>   |
| Annual Storage                   | <ul style="list-style-type: none"><li>• Empty the fuel tank before repairs as directed or before annual storage.</li></ul>  |

<sup>1</sup> Whichever comes first

<sup>2</sup> Change the engine oil after the first 5-10 operating hours.

## Preparing for Maintenance

1. Stop the engine and wait for all moving parts to stop.
2. Disconnect the spark plug wire from the spark plug before performing any maintenance procedure.
3. After performing the maintenance procedure(s), connect the spark plug wire to the spark plug.

**Note:** Before tipping the mower to change the oil or replace the blade, allow the fuel tank to run dry through normal usage. If you must tip the mower prior to running out of fuel, use a hand fuel pump to remove the fuel. Always tip the mower onto the **right** side.

**Note:** Tipping the mower over incorrectly could cause oil to enter parts of the engine that could cause problems. If this occurs contact your authorized Pope dealer immediately before using mower.



### Warning



**The blade is sharp; contacting the blade can result in serious personal injury.**

**Wear cloth or leather gloves when servicing the blade.**

## Replacing the Blade

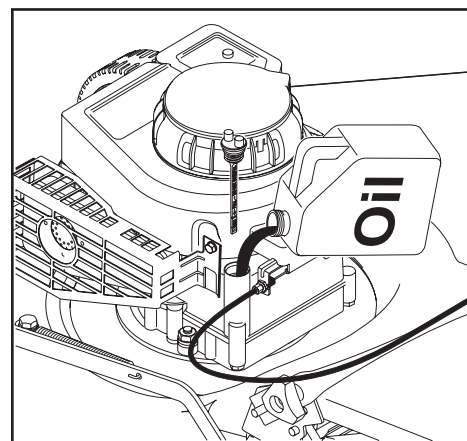
**Check lawnmower blade and adaptor frequently. Install a new blade and/or blade adaptor if blade and adaptor bend or are worn.**

**Important:** You will need a torque wrench to install the blade properly (54Nm to 61Nm). If you do not have a torque wrench or are uncomfortable performing this procedure, contact an Authorized Service Dealer.

Examine the blade whenever you run out of petrol. If the blade is damaged or cracked, replace it immediately. If the blade edge is dull or nicked, have it sharpened or replace it.

## Checking the Engine Oil Level

1. Remove the dipstick, wipe it clean, and fully install the dipstick.



2. Remove the dipstick and check the oil level. If the oil level is below the **Add** mark on the dipstick, **slowly** pour oil into the oil fill tube to raise the oil level to the **Full** mark on the dipstick. **Do not overfill.**  
(Max. fill: 0.6L (20 oz.), type: SAE 30 detergent oil.)
3. Install the dipstick.

## Maintenance – continued

---

### Air Cleaner

Wash air cleaner every 25 hours.

- Keep rewind starter, cooling fins and other cooling system parts clean.

### Changing the Blade

1. Disconnect the spark plug wire from the spark plug.
2. Tip the mower onto the **right** side.
3. Use a block of wood to hold the blade steady.
4. Remove the blade, saving all mounting hardware.
5. Install the new blade and all mounting hardware.

**Important:** Position the curved ends of the blade to point toward the mower.

### Cleaning the Mower

1. With the engine running on a flat paved surface, spray a stream of water in front of the **right rear** wheel. Engage the blade.



The water will splash into the path of the blade, cleaning out the clippings.

2. When no more clippings come out, stop the water and move the mower to a dry area.

### Storage

Store the mower in a cool, clean, dry place.

### Preparing the Mower for Storage



#### Warning



**Petrol vapors can explode.**

- **Do not store petrol more than 30 days.**
  - **Do not store the mower in an enclosure near a naked flame.**
  - **Allow the engine to cool before storing it.**
1. On the last refueling of the year, add fuel stabilizer to the fuel as directed by the engine manufacturer.
  2. Run the mower until the engine stops from running out of fuel.
  3. Prime the engine and start it again.
  4. Allow the engine to run until it stops. When you can no longer start the engine, it is sufficiently dry.
  5. Disconnect the wire from the spark plug and connect the wire onto the retaining post.
  6. Remove the spark plug, add 1 oz. (30 ml) of oil through the spark plug hole, and pull the starter rope **slowly** several times to distribute oil throughout the cylinder to prevent cylinder corrosion during the off-season.
  7. Loosely install the spark plug.
  8. Tighten all nuts, bolts, and screws.

### Removing the Mower from Storage

1. Remove the spark plug and spin the engine rapidly using the starter to blow the excess oil from the cylinder.
2. Install the spark plug and tighten it with a torque wrench to 15 ft-lb (20 N\_m).
3. Connect the wire to the spark plug.

# Spare Parts

---

**For spare parts as listed below, contact  
Pope Customer Service  
on 1300 134 880**

| Item No. | Description      | Pope Part No. | Qty |
|----------|------------------|---------------|-----|
| 9        | Rope Loop        | 101PM033      | 1   |
| 10       | Handle Knob      | 101PM029      | 4   |
| 11       | Grass Bag        | 101PM030      | 1   |
| 22       | Wheel            | 101PM019      | 4   |
|          | Lawn Mower Blade | 101PM375B     | 1   |

# The Pope Guarantee

---

## Full Warranty for Residential Use

Toro Australia Pty Limited promises to repair any Pope product used for *residential purposes*\* if it is defective in materials or workmanship; or if it stops functioning due to the failure of a component. The following time period applies from the date of purchase:

| Product                        | Warranty Period      |
|--------------------------------|----------------------|
| • Walk Mowers with steel decks | 1 year full warranty |

This warranty covers the cost of parts and labour, but you must pay transportation costs

## Limited Warranty for Commercial Use

Pope Walk Mowers used for commercial, institutional, or rental use are only warranted for 45 days from the date of purchase against defects in materials or workmanship; and components failing due to normal wear are not covered by this limited warranty.

## Items and Conditions Not Covered

This is the only express warranty for the listed product; however this express warranty does not cover the following:

- The cost of regular maintenance, servicing or parts, such as filters, fuel, lubricants, oil changes, spark plugs, air filter, blade sharpening, worn blade, cable/linkage adjustments, or brake and clutch adjustments
- Any product or part which has been altered or misused or required replacement or repair due to accidents or lack of proper maintenance
- Repairs necessary due to improper preparation of the mower prior to any period of non-use over three months
- Pickup and delivery charges
- Operational misuse, neglect, or accidents
- Repairs or attempted repairs by anyone other than a Pope Service outlet
- Repairs (or adjustments) made in an attempt to correct starting difficulties which have occurred due to any of the following:
  - failure to follow proper maintenance procedures
  - rotary mower blade striking an object
  - contaminants in the fuel system
  - improper fuel or fuel/oil mixture (consult your Operator's Manual if in doubt)
  - failure to drain the fuel system prior to any period of non-use over three months

## Owners Responsibilities

You must maintain your Pope product by following the maintenance procedures described in the Operator's Manual. All such routine maintenance, whether performed by a dealer or by you, is at your expense.

## Instructions for Obtaining Warranty Service

If you think that your Pope product is defective in materials or workmanship, or if a normal, able-bodied adult can no longer start your product's engine in one or two pulls, you should follow this procedure:

1. Contact any Pope Authorised Service Dealer to arrange service at their dealership.  
[To locate a dealer convenient to you, refer to page 12 of this manual or access our website at [www.toro.com.au](http://www.toro.com.au)]  
Customers may also call 1300 134 880.
2. Take the product and your proof of purchase (sales receipt) to the Service Dealer.
3. If for any reason you are dissatisfied with the Service Dealer's analysis or with the assistance provided, please contact us directly at our Customer Service department.

## General Conditions

All repairs covered by this warranty must be performed by an Authorised Pope Service Dealer using Pope approved replacement parts. To the fullest extent permitted by law Toro Australia Pty Limited is not liable for any indirect, incidental, or consequential loss or damage in connection with the use of the Pope product covered by this warranty or for any cost or expense of providing substitute equipment or service during any period of malfunction or non-use pending completion of repairs under this warranty. This warranty is strictly limited to repair by a Pope Service Dealer.

This warranty does not exclude any condition or warranty implied by the Trade Practices Act 1974 or any other relevant legislation which implies any condition which cannot be excluded.

*[\* Residential purpose means use of the product on the same lot as your home. Use at more than one location is considered commercial use, and the commercial use warranty would apply]*

## Notes

---



Pope® is a Registered Trademark of Toro Australia Pty Ltd  
53 Howards Rd Beverley South Australia 5009

Made in China to Pope's Specifications