



**Count on it.**

Form No. 3421-193 Rev B

# Operator's Manual

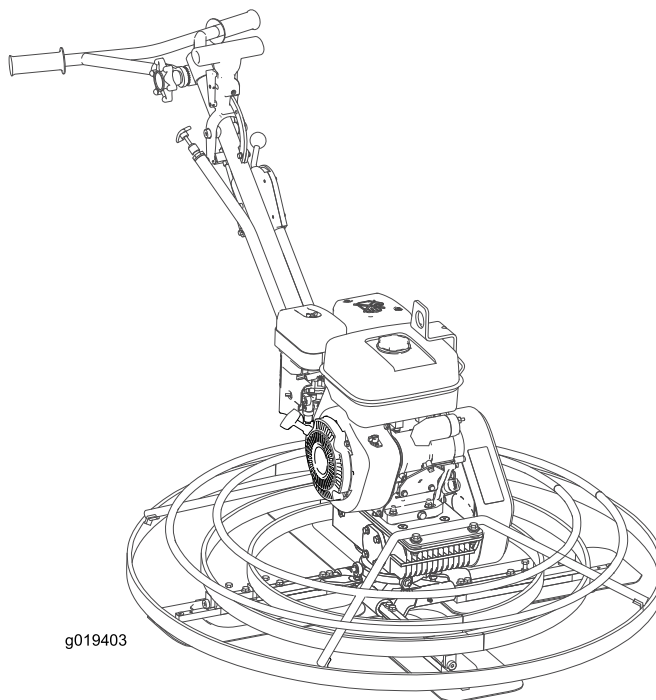
## PT-36 Power Trowel

Model No. 68048—Serial No. 402000000 and Up

Model No. 68049—Serial No. 402000000 and Up

Model No. 68050—Serial No. 402000000 and Up

Model No. 68051—Serial No. 402000000 and Up



## ⚠ WARNING

### CALIFORNIA Proposition 65 Warning

**This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects, or reproductive harm.**

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

**Use of this product may cause exposure to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.**

It is a violation of California Public Resource Code Section 4442 to use or operate the engine on any forest-covered, brush-covered, or grass-covered land without a spark arrester muffler maintained in working order, or the engine constricted, equipped, and maintained for the prevention of fire. Other states or federal areas may have similar laws. Genuine Toro spark arresters are approved by the USDA Forestry Service.

Because in some areas there are local, state, or federal regulations requiring that a spark arrester be used on the engine of this machine, a spark arrester is available as an option. If you require a spark arrester, contact your Authorized Service Dealer.

The enclosed engine owner's manual is supplied for information regarding the US Environmental Protection Agency (EPA) and the California Emission Control Regulation of emission systems, maintenance, and warranty. Replacements may be ordered through the engine manufacturer.

# Introduction

This machine is used to create a smooth finish to concrete slabs.

Read this information 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 Toro directly at [www.Toro.com](http://www.Toro.com) for product and accessory information, help finding a dealer, or to register your product.

Whenever you need service, genuine Toro parts, or additional information, contact an Authorized Service Dealer or Toro Customer Service and have the model and serial numbers of your product ready. [Figure 1](#) illustrates the location of the model and serial numbers on the product. Write the numbers in the space provided.

**Important:** With your mobile device, you can scan the QR code on the serial number decal (if equipped) to access warranty, parts, and other product information.

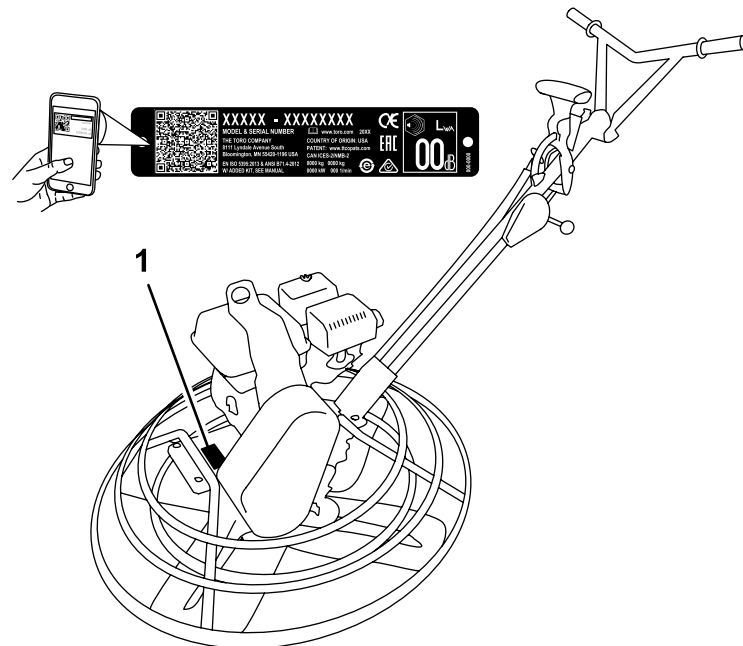


Figure 1

1. Location of the model and serial numbers

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

This manual identifies potential hazards and has safety messages identified by the safety alert symbol (Figure 2), which signals a hazard that may cause serious injury or death if you do not follow the recommended precautions.



Figure 2

g000502

- 1. Safety-alert symbol

This manual uses 2 words to highlight information. **Important** calls attention to special mechanical information and **Note** emphasizes general information worthy of special attention.

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# Safety

Improper use or maintenance by the operator or owner can result in injury. To reduce the potential for injury, comply with these safety instructions and always pay attention to the safety alert symbol, which means **Caution**, **Warning**, or **Danger**—personal safety instruction. Failure to comply with the instruction may result in personal injury or death.

## Safe Operating Practices

This product is capable of causing serious injury. Always follow all safety instructions to avoid serious injury or death.

### WARNING

**Engine exhaust contains carbon monoxide, an odorless, deadly poison that can kill you.**

**Do not run the engine indoors or in an enclosed area.**

## Training

- Read the *Operator's Manual* and other training material. If the operator(s) or mechanic(s) cannot read or understand the information, it is the owner's responsibility to explain this material to them.
- Become familiar with the safe operation of the equipment, operator controls, and safety signs.
- All operators and mechanics should be trained. The owner is responsible for training the users.
- Never let children or untrained people operate or service the equipment. Local regulations may restrict the age of the operator.
- The owner/user can prevent and is responsible for accidents or injuries occurring people or damage to property.

## Preparation

- Wear appropriate clothing including hard hat, eye protection, long pants, substantial, slip-resistant footwear, and hearing protection. Tie back long hair, secure loose clothing, and do not wear loose jewelry.
- Inspect the area where the equipment is to be used and ensure that all objects are removed from the area before use.
- Use extra care when handling fuel. They are flammable and vapors are explosive.

- Extinguish all cigarettes, cigars, pipes, and other sources of ignition.
- Use only an approved container
- Do not remove the fuel cap or fill the fuel tank while the engine is running or hot.
- Do not add or drain fuel in an enclosed space.
- Do not store the machine or fuel container where there is an open flame, spark, or pilot light, such as on a water heater or other appliance.
- If you spill fuel, do not attempt to start the engine; avoid creating any source of ignition until the fuel vapors have dissipated.
- Check that the shields are attached and functioning properly. Do not operate unless they are functioning properly.

## Operation

- Use your full attention while operating the machine. Do not engage in any activity that causes distractions; otherwise, injury or property damage may occur.
- Never run an engine in an enclosed or poorly ventilated area.
- Operate the machine only in good light, keeping away from holes and hidden hazards.
- Stop on level ground, set the throttle to slow, and shut off the engine before leaving the operator's position for any reason.
- Ensure that the area is clear of other people before operating the machine. Shut off the machine if anyone enters the area.
- Keep bystanders out of the operating area. Stop the machine if anyone enters the area.
- Keep your feet clear of the plate compactor.
- Do not operate the machine while ill, tired, or under the influence of alcohol or drugs.
- Do not change the engine governor setting or overspeed the engine.
- Use care when loading or unloading the machine into a trailer or truck.
- Do not touch parts which may be hot from operation. Allow them to cool before attempting to maintain, adjust, or service.
- 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.

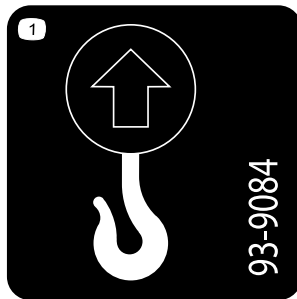
## Maintenance and Storage

- Let the engine cool before storing and do not store the machine near an open flame.
- Position the machine on a level surface, set the throttle to slow, and shut off the engine. Wait for all movement to stop before adjusting, cleaning, or repairing.
- Clean debris from drives, mufflers, and the engine to help prevent fires. Clean up oil or fuel spills.
- Do not store fuel near flames or drain indoors.
- Never allow untrained personnel to service the machine.
- Carefully release pressure from components with stored energy.
- Disconnect the spark plug before making any repairs.
- Keep hands and feet away from moving parts. If possible, do not make adjustments with the engine running.
- Keep all parts in good working condition and all hardware tightened. Replace all worn or damaged decals.
- Keep nuts and bolts tight. Keep equipment in good condition.
- Stop and inspect the equipment if you strike an object. Make any necessary repairs before restarting.
- Use only genuine Toro replacement parts to ensure that original standards are maintained.

# Safety and Instructional Decals



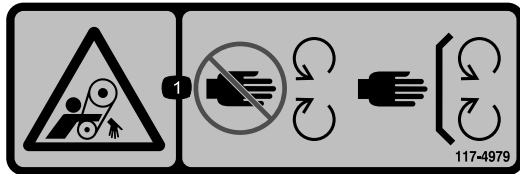
Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or missing.



93-9084

decal93-9084

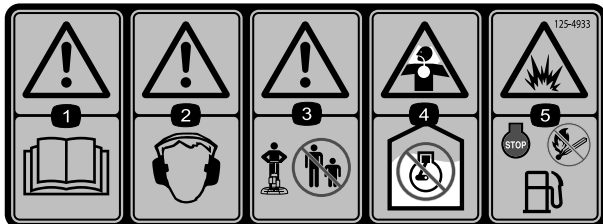
1. Lift point
2. Tie-down point



117-4979

decal117-4979

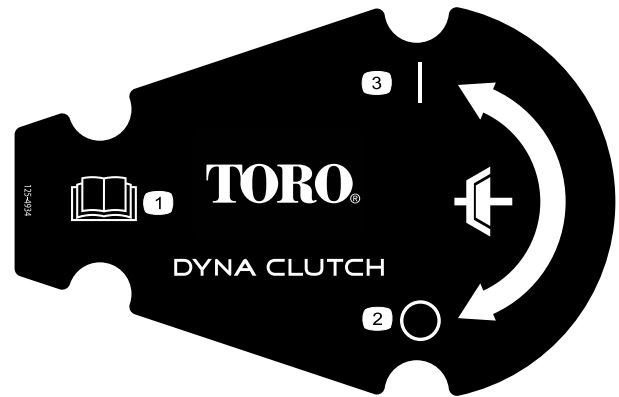
1. Entanglement hazard, belt—keep away from moving parts; keep all guards and shields in place



125-4933

decal125-4933

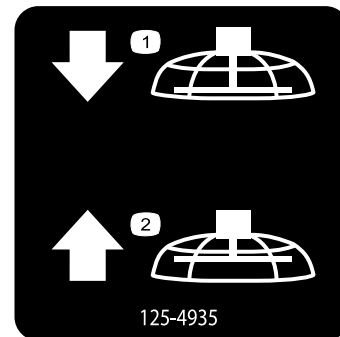
1. Warning—read the *Operator's Manual*.
2. Warning—wear hearing protection.
3. Warning—keep bystanders away from the machine.
4. Choking hazard—do not run the engine in an unventilated area.
5. Explosion hazard—shut off the engine and extinguish all flames before refueling.



125-4934

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1. Read the *Operator's Manual*.
2. Disengage clutch
3. Engage clutch



125-4935

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Models 68049 and 68051 only

1. Lower the blades
2. Raise the blades

**⚠ WARNING:** This product can expose you to chemicals including gasoline engine exhaust, which is known to the State of California to cause cancer, and carbon monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). For more information, please visit [www.toro.com/CAProp65](http://www.toro.com/CAProp65).

## CALIFORNIA SPARK ARRESTER WARNING

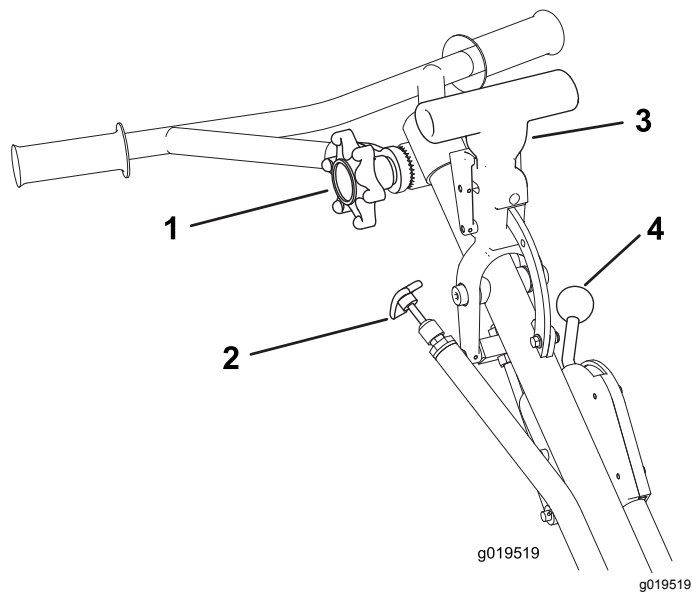
Operation of this equipment may create sparks that can start fires around dry vegetation. A spark arrester may be required. The operator should contact local fire agencies for laws or regulations relating to fire prevention requirements.

133-5619

133-5619

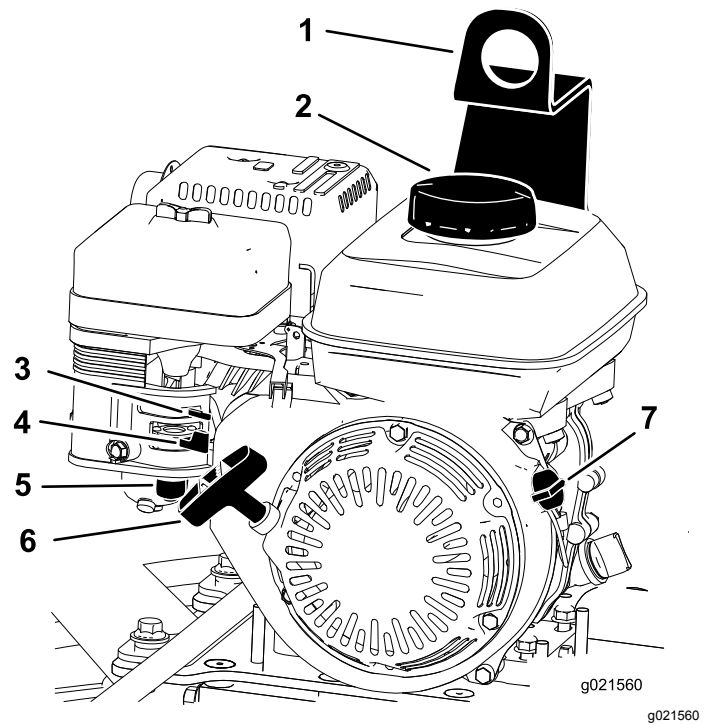
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# Product Overview



**Figure 3**

- |  |   |
|--|---|
| 1. Handle-adjustment knob                        | 4. Dyna-Clutch lever                                  |
| 2. Throttle handle                               | 5. Tilt-adjustment knob (Models 68048 and 68050 only) |
| 3. ProPitch handle (Models 68049 and 68051 only) |   |



**Figure 4**

- |                  |                          |
|------------------|--------------------------|
| 1. Lifting point | 5. Sediment cup          |
| 2. Fuel-tank cap | 6. Recoil-starter handle |
| 3. Choke lever   | 7. Engine On/Off switch  |
| 4. Fuel valve    |                          |

## Controls

### Recoil-Starter Handle

Pull the recoil-starter handle to start the engine (Figure 4).

### Fuel Valve

Close the fuel valve when transporting or storing the machine (Figure 4).

### Choke Lever

Use the choke lever (Figure 4) to start a cold engine. Before pulling the recoil-starter handle, move the choke lever to the closed position. Once the engine is running, move the choke lever to the open position.

**Note:** A warm engine requires little or no choking.

### Engine On/Off Switch

The On/Off switch (Figure 4) allows the operator of the machine to start and shut off the engine. This switch is located on the front of the engine. Rotate the On/Off switch to the On position to start and run the

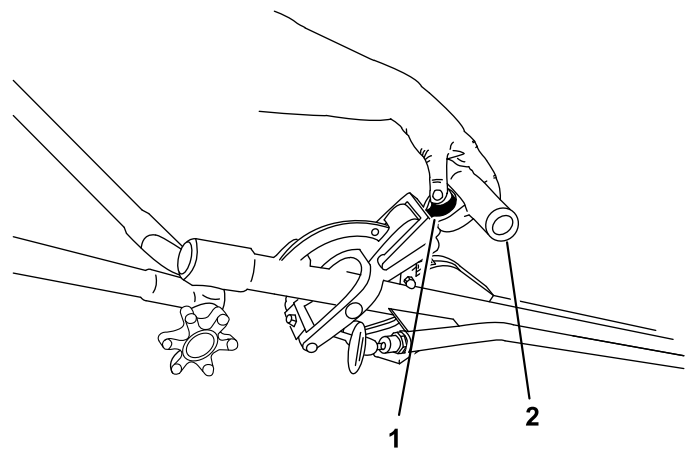
engine. Rotate the On/Off switch to the Off position to shut off the engine.

## Throttle Handle

Pull the throttle handle (Figure 3) to increase the engine speed, and push the handle to decrease the engine speed. Turn the handle clockwise to lock the throttle at a specific speed. Turn the handle counterclockwise to unlock the throttle.

## Handle-Adjustment Knob

Turn the knob counterclockwise to loosen and move the handle to the desired position. Turn the knob clockwise to tighten and lock the handle in place (Figure 3).



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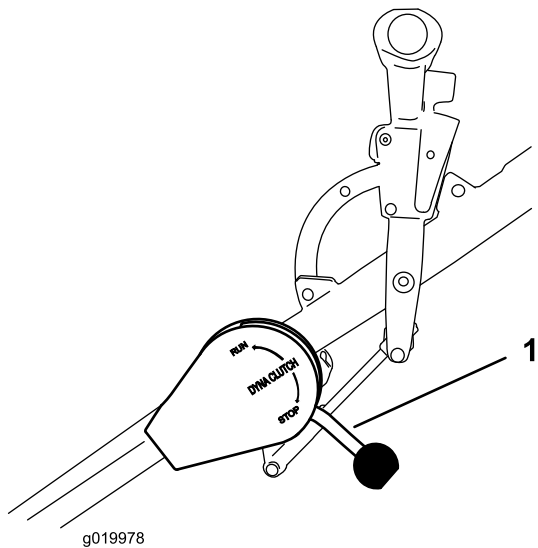
Figure 6

1. Trip button

2. Handle

## Dyna-Clutch Lever

Move the Dyna-Clutch lever (Figure 5) to the On position (up) to allow the blades to rotate. Move the lever to the Off position (down) to stop the blades. In the event that you release the handle while the blades are turning, the centrifugal force from the swing of the handle will throw the clutch lever to the Stop position.



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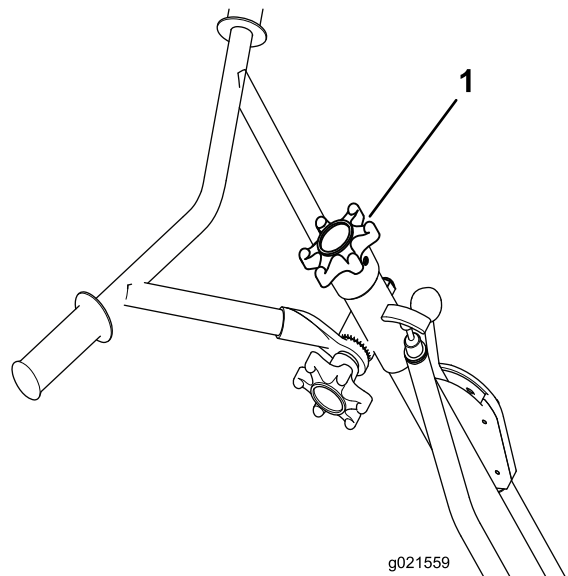
Figure 5

1. Dyna-Clutch lever

## Tilt-Adjustment Knob

**Models 68048 and 68050 Only**

Turn the knob clockwise to increase the angle of the blades (Figure 6). Turn the knob counterclockwise to flatten or decrease the angle of the blades.



g021559

g021559

Figure 7

1. Tilt-adjustment knob

## ProPitch™ Handle

**Models 68049 and 68051 Only**

Pull the handle to increase the angle of the blades to the concrete. Press the trip button to release the lock, and push the handle to decrease the angle of the blades.



# Specifications

**Note:** Specifications and design are subject to change without notice.

Models	68048 and 68049	68050 and 68051
Width	92 cm (36.5 inches)	117 cm (46 inches)
Length (operating)	177 cm (70 inches)	190.5 cm (75 inches)
Height (operating)	99 cm (39 inches)	99 cm (39 inches)
Weight	102 kg (225 lb)	112 kg (245 lb)

## Attachments/Accessories

A selection of approved attachments and accessories are available for use with the machine to enhance and expand its capabilities. Contact your Authorized Service Dealer or Distributor or go to [www.Toro.com](http://www.Toro.com) for a list of all approved attachments and accessories.

# Operation

**Note:** Determine the left and right sides of the machine from the normal operating position.

## Checking the Engine-Oil Level

**Service Interval:** Before each use or daily

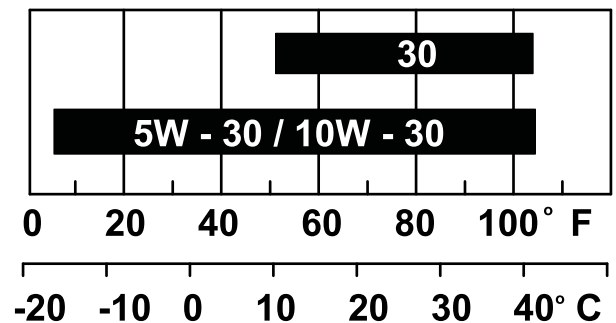
The machine comes from the factory with oil in the engine crankcase. However, it may be necessary to add oil. Add only enough oil to raise the level to the Full mark on the dipstick; refer to [Servicing the Engine Oil \(page 16\)](#).

**Oil Type:** 4-cycle engine oil that meets or exceeds the requirements for API service category **SJ or higher**

Models	Crankcase Capacity
68048 and 68049	0.58 L (0.61 US qt)
68050 and 68051	1.1 L (1.2 US qt)

**Important:** If you run the engine while the oil level in the crankcase is too low or too high, you may damage the engine.

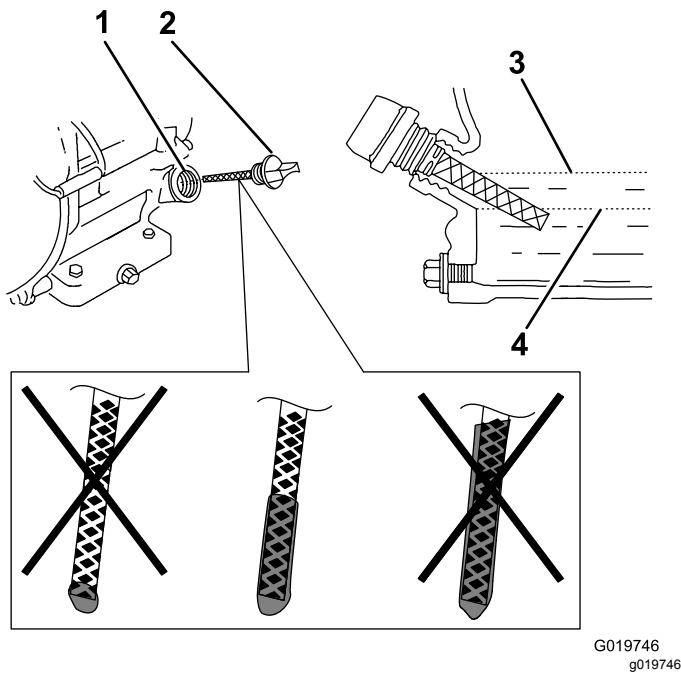
**Note:** Use SAE 10W-30 for general use. You can use the other viscosities shown in the chart when the average temperature in your area is within the indicated range ([Figure 8](#)).



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Figure 8

1. Position the machine on a level surface.
2. Set the Dyna-Clutch lever to the Stop position, shut off the engine, wait for all moving parts to stop, and turn off the engine switch.
3. Clean around the dipstick ([Figure 9](#)) so that dirt cannot fall into the fill port and damage the engine.



**Figure 9**

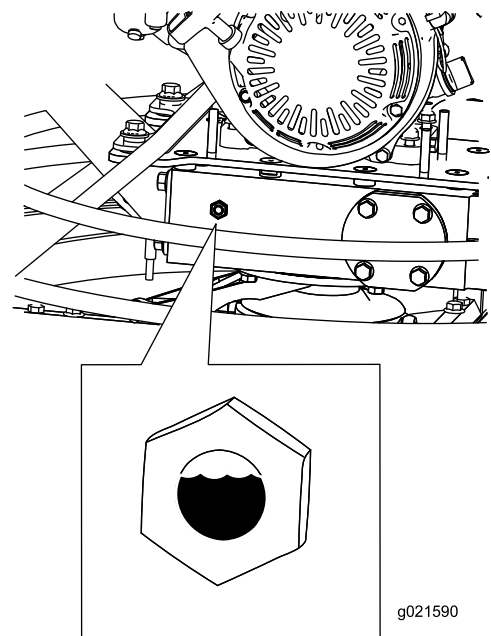
1. Fill port
2. Dipstick
3. Oil-level upper limit
4. Oil-level lower limit

4. Unscrew the dipstick and wipe the end clean ([Figure 9](#)).
5. Slide the dipstick fully into the fill port ([Figure 9](#)) without threading it into the port.
6. Remove the dipstick and look at the end. If the engine oil level is low, slowly pour only enough oil into the fill port to raise the level to the Full mark on the dipstick ([Figure 9](#)).
7. Install and secure the dipstick.

## Checking the Gearcase Oil Level

**Service Interval:** Before each use or daily

1. Position the machine on a level surface.
2. Set the Dyna-Clutch lever to the STOP position, shut off the engine, and wait for all moving parts to stop.
3. Look at the sight glass in the gearcase plug ([Figure 10](#)). The oil level should be 3/4 full.



**Figure 10**

If the oil level is not correct, refer to [Servicing the Gearcase Oil](#) (page 17).

## Cleaning Debris from the Machine

**Service Interval:** Before each use or daily

1. Set the Dyna-Clutch lever to the STOP position, shut off the engine, wait for all moving parts to stop, and shut off the engine.
2. Brush dirt and debris away from the air cleaner and engine openings.

## Folding and Unfolding the Handle

1. Turn the handle-adjustment knob counterclockwise to loosen the handle.
2. Place the handle to the desired position and turn the handle-adjustment knob clockwise to tighten the handle ([Figure 11](#)).

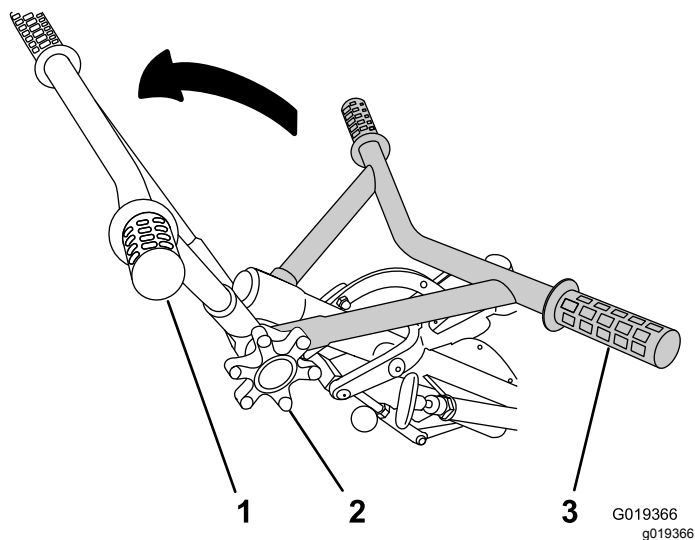


Figure 11

1. Handle fully extended
2. Handle-adjustment knob
3. Handle folded

## ⚠ DANGER

In certain conditions, fuel is extremely flammable and highly explosive. A fire or explosion from fuel can burn you and others and can damage property.

- Fill the fuel tank outdoors, in an open area, when the engine is cold. Wipe up any fuel that spills.
- Never fill the fuel tank inside an enclosed trailer.
- Do not fill the fuel tank completely full. Add fuel to the fuel tank until the level is 6 to 13 mm (1/4 to 1/2 inch) below the bottom of the filler neck. This empty space in the tank allows fuel to expand.
- Never smoke when handling fuel, and stay away from an open flame or where fuel fumes may be ignited by a spark.
- Store fuel in an approved container and keep it out of the reach of children. Do not use fuel that has been stored for more than 30 days.
- Do not operate without entire exhaust system in place and in proper working condition.

## Adding Fuel

- For best results, use only clean, fresh (less than 30 days old), unleaded gasoline with an octane rating of 87 or higher ((R+M)/2 rating method).
- **Ethanol:** Gasoline with up to 10% ethanol (gasohol) or 15% MTBE (methyl tertiary butyl ether) by volume is acceptable. Ethanol and MTBE are not the same. Gasoline with 15% ethanol (E15) by volume is not approved for use. Never use gasoline that contains more than 10% ethanol by volume, such as E15 (contains 15% ethanol), E20 (contains 20% ethanol), or E85 (contains up to 85% ethanol). Using unapproved gasoline may cause performance problems and/or engine damage which may not be covered under warranty..
- **Do not** use gasoline containing methanol.
- **Do not** store fuel either in the fuel tank or fuel containers over the winter unless a fuel stabilizer is used.
- **Do not** add oil to gasoline.

## **⚠ DANGER**

In certain conditions during fueling, static electricity can be released causing a spark which can ignite the fuel vapors. A fire or explosion from fuel can burn you and others and can damage property.

- Always place fuel containers on the ground away from your vehicle before filling.
- Do not fill fuel containers inside a vehicle or on a truck or trailer bed because interior carpets or plastic truck bed liners may insulate the container and slow the loss of any static charge.
- When practical, remove fuel-powered equipment from the truck or trailer and refuel the equipment with its wheels on the ground.
- If this is not possible, then refuel such equipment on a truck or trailer from a portable container rather than from a fuel dispenser nozzle.
- If a fuel-dispenser nozzle must be used, keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete.

## **Using Fuel Stabilizer/Conditioner**

Use a fuel stabilizer/conditioner in the machine to keep the fuel fresh during storage of 90 days or less. If you are storing the machine for longer, drain the fuel tank; refer to [Storage \(page 25\)](#).

**Important:** Do not use fuel additives containing methanol or ethanol.

Add the correct amount of fuel stabilizer/conditioner to the fuel, and follow the directions of the manufacturer.

**Note:** Fuel stabilizer/conditioner is most effective when mixed with fresh fuel. To minimize the chance of varnish deposits in the fuel system, use fuel stabilizer at all times.

## Filling the Fuel Tank

Models	Fuel Tank Capacity
68048 and 68049	3.1 L (0.82 US gallons)
68050 and 68051	5.3 L (1.40 US gallons)

1. Set the Dyna-Clutch lever to the STOP position, shut off the engine, wait for all moving parts to stop, and turn off the engine switch.
2. Allow the engine to cool.
3. Clean around the fuel-tank cap and remove it (Figure 12).

**Note:** The cap is tethered to the fuel tank.

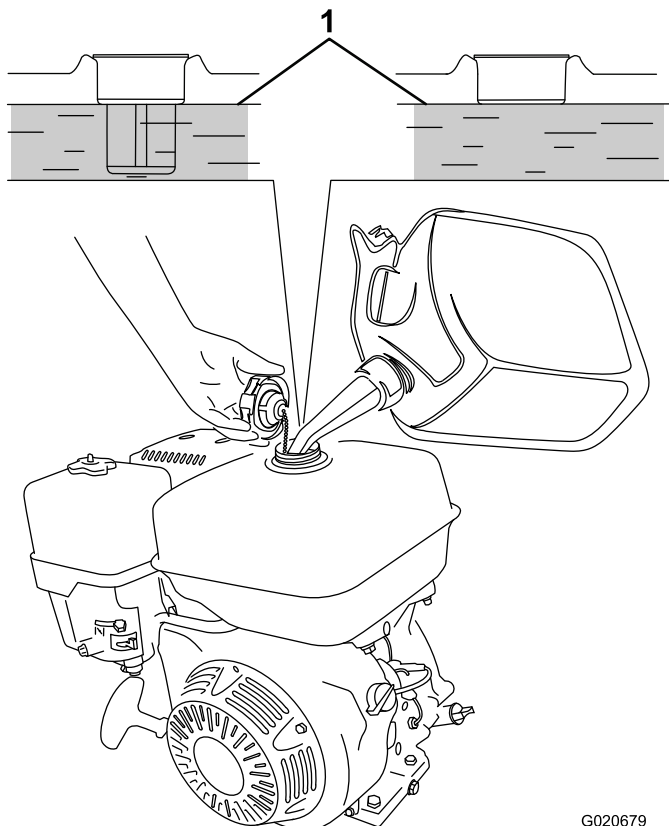


Figure 12

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1. Maximum fuel level

4. Add unleaded fuel to the fuel tank until the level is at the bottom of the maximum fuel level (Figure 12).

**Important:** The extra space in the tank allows the fuel to expand. Do not fill the fuel tank completely full.

5. Install the fuel-tank cap securely.
6. Wipe up any spilled fuel.

## Starting the Engine

1. Set the throttle to full speed and set the Dyna-Clutch lever to the STOP position.
2. Move the engine switch to the ON position and turn on the fuel valve.
3. Move the choke lever to the left if you are starting a cold engine.  
**Note:** A warm or hot engine may not require choking.
4. Pull the recoil-start handle slowly until you feel some resistance, then pull the it sharply to start the engine.
5. After the engine starts, gradually move the choke to the right. If the engine stalls or hesitates, move the choke left again until the engine warms up.
6. Move the throttle lever to desired setting.

## Shutting Off the Engine

1. Reduce the engine speed to idle.
2. Turn the engine switch and fuel valve off.
3. Wait for all moving parts to stop before proceeding.

## Operating the Machine

**Important:** Use the machine on concrete that has not set completely, but ensure that the concrete has set enough to support the weight of the machine.

1. Start the engine.
2. After the engine has warmed up, adjust the throttle to approximately half speed.
3. Adjust the blades to the desired position.
  - For floating, set the blades flat, but with some tension on the cable.
  - For finishing, set the pitch of the blades to approximately 6 to 9 mm (1/4 to 3/8 inches), or approximately 5 to 10°.
4. Hold the handle firmly with 1 hand, and move the Dyna-Clutch lever to the On position to start the movement of the blades.
5. Guide the trowel over the concrete in a circular back-and-forth motion.

**Note:** If the blades start to dig into the concrete decrease the amount of the pitch.

6. Set the Dyna-Clutch lever to the Off position, wait for any moving parts to stop moving, and shut off the engine; refer to [Shutting Off the Engine \(page 13\)](#).

# Maintenance

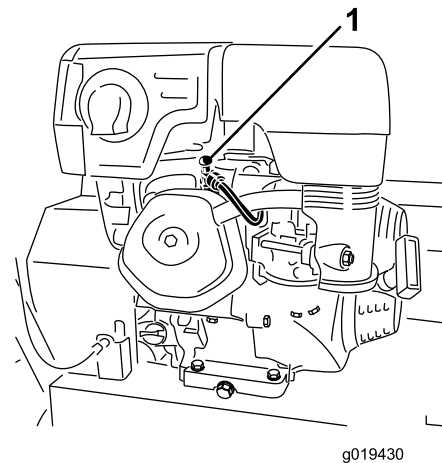
## Recommended Maintenance Schedule(s)

Maintenance Service Interval	Maintenance Procedure
After the first 25 hours	<ul style="list-style-type: none"> <li>• Change the engine oil.</li> </ul>
Before each use or daily	<ul style="list-style-type: none"> <li>• Check the engine-oil level.</li> <li>• Check the gearcase oil level.</li> <li>• Clean debris from the air cleaner and engine.</li> <li>• Lubricate the blade arms.</li> <li>• Inspect the air cleaner elements.</li> <li>• Check for loose fasteners.</li> </ul>
Every 40 hours	<ul style="list-style-type: none"> <li>• Check the belt, pulley alignment, belt tension, and belt-guide gap.</li> </ul>
Every 50 hours	<ul style="list-style-type: none"> <li>• Clean the air filter elements. Clean them more frequently in dusty operating conditions.</li> </ul>
Every 100 hours	<ul style="list-style-type: none"> <li>• Change the engine oil.</li> <li>• Inspect and adjust the spark plug; replace it if necessary.</li> </ul>
Every 150 hours	<ul style="list-style-type: none"> <li>• Change the gearcase oil.</li> </ul>
Every 200 hours	<ul style="list-style-type: none"> <li>• Replace the spark plug.</li> </ul>
Every 300 hours	<ul style="list-style-type: none"> <li>• Replace the paper air cleaner element. Replace it more frequently in dusty operating conditions.</li> </ul>
Yearly or before storage	<ul style="list-style-type: none"> <li>• Touch up chipped paint</li> </ul>

## Pre-Maintenance Procedures

### Disconnecting the Spark-Plug Wire

Before performing any maintenance on the engine, belts, or blades, disconnect the spark-plug wire from the spark plug ([Figure 13](#)).



**Figure 13**

1. Spark-plug wire

# Lubrication

## Lubricating the Blade Arms

**Service Interval:** Before each use or daily

**Grease Type:** General-purpose grease.

1. Clean around each grease fitting with a rag and lift the plastic cap off each grease fitting.
2. Pump several shots of grease into each fitting until it starts to ooze out of the bearing (Figure 14 and Figure 15).

**Important:** Pump grease in slowly and carefully to prevent damage to the bearing seals.

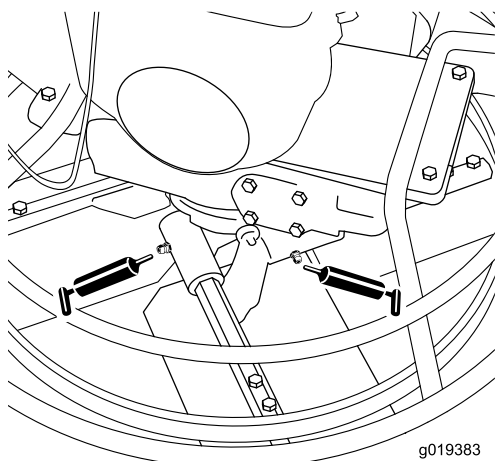


Figure 14

g019383

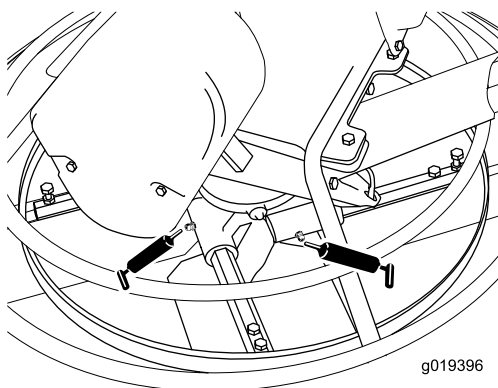


Figure 15

g019396

3. Wipe up any excess grease.

# Engine Maintenance

## Servicing the Air Cleaner

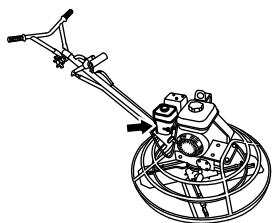
**Service Interval:** Before each use or daily—Inspect the air cleaner elements.

Every 50 hours—Clean the air filter elements. Clean them more frequently in dusty operating conditions.

Every 300 hours/Yearly (whichever comes first)—Replace the paper air cleaner element. Replace it more frequently in dusty operating conditions.

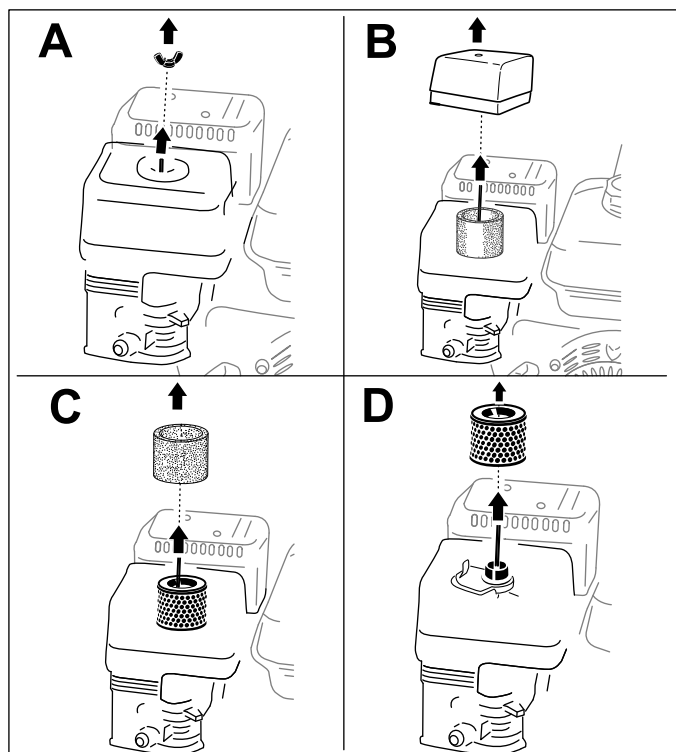
**Important:** Do not operate the engine without the air-cleaner assembly; extreme engine damage will occur.

1. Set the Dyna-Clutch lever to the STOP position, shut off the engine, and wait for all moving parts to stop.
2. Disconnect the wire from the spark plug.
3. Remove the nut that secures the air-cleaner cover (Figure 16 Box A).



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g019680

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**Figure 16**

4. Remove the cover (**Figure 16** Box B).

**Note:** Be careful to prevent dirt and debris from falling into the base.

5. Remove the foam and paper elements from the base (**Figure 16** Box C).

6. Remove the foam element from the paper element (**Figure 16** Box D).

7. Inspect the foam and paper elements, and replace them if they are damaged or excessively dirty.

**Note:** Never try to brush dirt off the paper element; brushing forces the dirt into the fibers.

8. Clean the foam element in warm, soapy water or in a **nonflammable** solvent.

**Note:** Do not use fuel to clean the foam element because it could create a risk of fire or explosion.

9. Rinse and dry the foam element thoroughly.

10. Dip the foam element in clean engine oil, then squeeze out the excess oil.

**Note:** Excess oil in the foam element restricts the air flow through the element and may reach the paper filter and clog it.

11. Wipe dirt from the base and the cover with a moist rag.

**Note:** Be careful to prevent dirt and debris from entering the air duct leading to the carburetor.

12. Install the air cleaner elements and ensure that they are properly positioned.

13. Securely install the cover with the nut.

## Servicing the Engine Oil

**Oil Type:** 4-cycle engine oil that meets or exceeds the requirements for API service category **SJ** or **higher**

Models	Crankcase Capacity
68048 and 68049	0.58 L (0.61 US qt)
68050 and 68051	1.1 L (1.2 US qt)

**Important:** If the oil level in the crankcase is too low or too high and you run the engine, you may damage the engine.

**Viscosity:** Use SAE 10W-30 for general use. You can use the other viscosities shown in the chart when the average temperature in your area is within the indicated range (**Figure 8**).



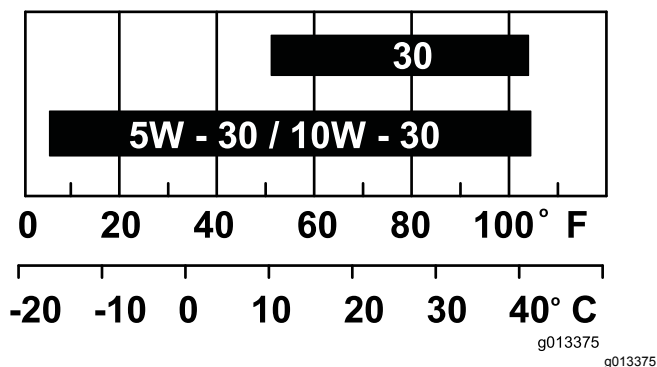


Figure 17

## Changing the Engine Oil

**Service Interval:** After the first 25 hours  
Every 100 hours

### ⚠ WARNING

Oil may be hot after the engine has been run, and contact with hot oil can cause severe personal injury.

Avoid contacting the hot engine oil when you drain it.

1. Position the machine on a level surface.
2. Set the Dyna-Clutch lever to the STOP position, shut off the engine, and wait for all moving parts to stop.
3. Disconnect the wire from the spark plug.
4. Place a pan under the drain plug to catch the oil.
5. Remove the drain plug (Figure 18).

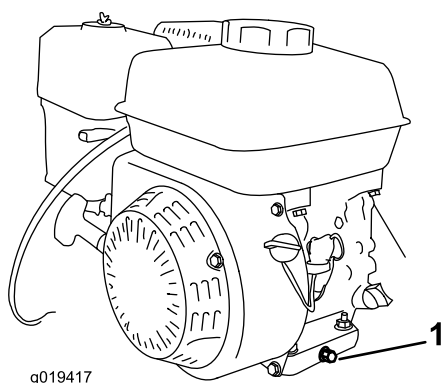


Figure 18

1. Drain plug

6. Replace the plug when the oil has drained completely.

**Note:** Dispose of the used oil at a certified recycling center.

7. Remove the dipstick (Figure 9) and slowly pour oil into the fill hole until the oil is between the upper and lower fill marks on the dipstick.
8. Install and secure the dipstick.
9. Wipe up any spilled oil.

## Servicing the Gearcase Oil

**Service Interval:** Every 150 hours

**Oil Type:** 80W-90 gear oil that meets or exceeds API service category GL-5.

**Capacity:** 1.18 L (1.25 US qt)

1. Set the Dyna-Clutch lever to the STOP position, shut off the engine, and wait for all moving parts to stop.
2. Disconnect the wire from the spark plug.
3. Place a pan under the drain plug to catch the oil.
4. Remove the gearcase plug (Figure 18).

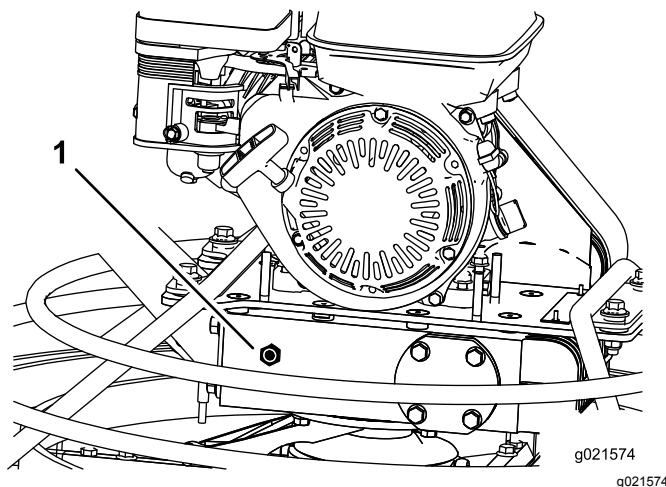


Figure 19

1. Gearcase plug

5. Tip the machine and drain the oil completely out of the gearcase.

**Note:** Dispose of the used oil at a certified recycling center.

6. Return the machine to an upright, level position.
7. Place a 3.8 cm (1-1/2 inch) block under the stationary blade guard (outer ring) so that the side of the gearbox with the plug is approximately 6 mm (1/4 inch) higher than the other side of the gearbox.
8. Slowly pour oil into the plug hole until the oil reaches the threads of the hole.

**Note:** If necessary, use a flexible funnel.

9. Apply thread-sealing compound to the threads of the plug.
10. Install and tighten the plug until it is secure, and return the machine to an upright, level position.

**Note:** The oil level in the sight glass of the plug should be 3/4 full (Figure 20).

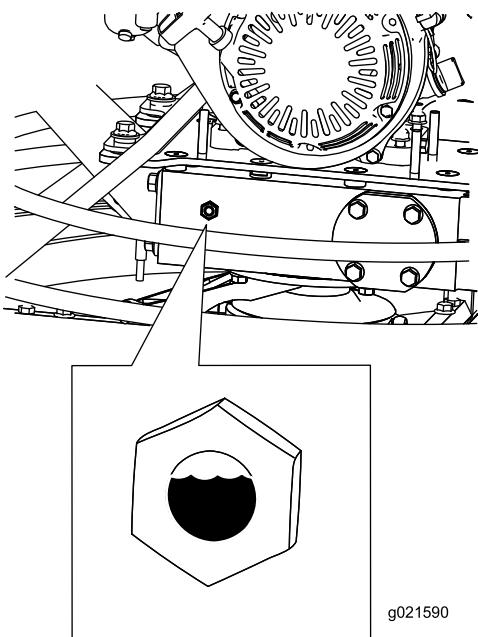


Figure 20

## Servicing the Spark Plug

**Service Interval:** Every 100 hours—Inspect and adjust the spark plug; replace it if necessary.

Every 200 hours—Replace the spark plug.

Use an **NGK BPR6ES** spark plug or equivalent.

1. Set the Dyna-Clutch lever to the STOP position, shut off the engine, and wait for all moving parts to stop.
2. Disconnect the wire from the spark plug.
3. Clean around the spark plug.
4. Remove the spark plug from the cylinder head.

**Important:** Replace a cracked, fouled, or dirty spark plug. Do not clean the electrodes, because grit entering the cylinder can damage the engine.

5. Set the gap on the plug to 0.76 mm (0.030 inch); refer to Figure 21.

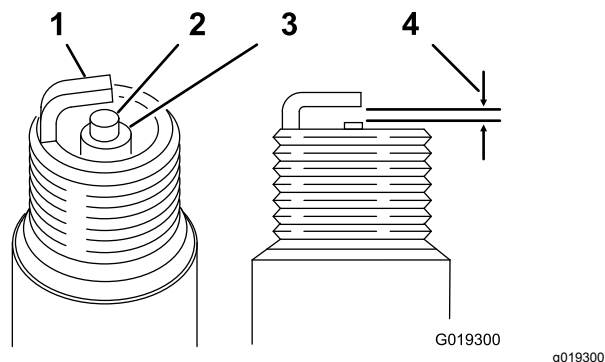


Figure 21

- |                     |                             |
|---------------------|-----------------------------|
| 1. Side electrode   | 3. Insulator                |
| 2. Center electrode | 4. 0.76 mm (0.030 inch) gap |

6. Carefully install the spark plug by hand (to avoid cross threading) until it is hand tight.
7. Tighten the spark plug an additional 1/2 turn if it is new; otherwise, tighten it an additional 1/8 to 1/4 turn.

**Important:** A loose spark plug can become very hot and can damage the engine; overtightening a spark plug may damage the threads in the cylinder head.

8. Connect the wire to the spark plug.

# Belt Maintenance

## Checking the Belt, Pulley Alignment, Belt Tension, and Belt-Guide Gap

**Service Interval:** Every 40 hours

1. Remove the belt guard; refer to [Removing the Belt Guard \(page 19\)](#).
2. Move the Dyna-Clutch lever to the STOP position.
3. Check the condition of the belt for wear or damage.

**Note:** If the belt is worn or damaged, replace the belt; refer to [Removing the Belt \(page 20\)](#) and [Installing the Belt \(page 20\)](#).

4. Move the Dyna-Clutch lever to the RUN position.
5. Check that the belt is aligned straight between pulleys.

**Note:** If the belt does not run straight between pulleys, align the pulleys; refer to [Aligning the Pulleys \(page 20\)](#).

6. Check that the belt has enough tension to flatten it between the engine pulley and the belt tension pulley.

**Note:** If belt tension is too low, adjust the tension of the belt-tension pulley; refer to [Adjusting the Dyna-Clutch \(page 20\)](#).

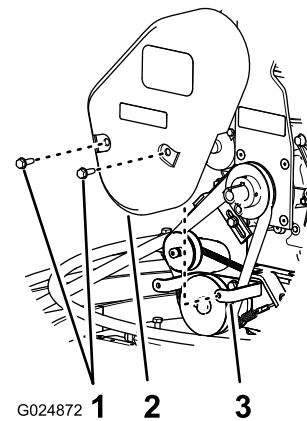
7. Measure the gap between the belt and the belt guide. The air gap should be approximately 6 mm (1/4 inch).

**Note:** If the air gap is larger or smaller than 6 mm (1/4 inch), adjust the belt guide ([Figure 26](#)); refer to [Adjusting the Belt Guide \(page 21\)](#).

8. Install the belt guard; refer to [Installing the Belt Guard \(page 19\)](#).

## Removing the Belt Guard

1. Remove the 2 hex-washer head bolts (5/16 x 1 inch) that secure the belt guard to the belt-guard bracket ([Figure 22](#)).



**Figure 22**

1. Hex-washer head bolt
2. Belt cover
3. Belt-cover bracket

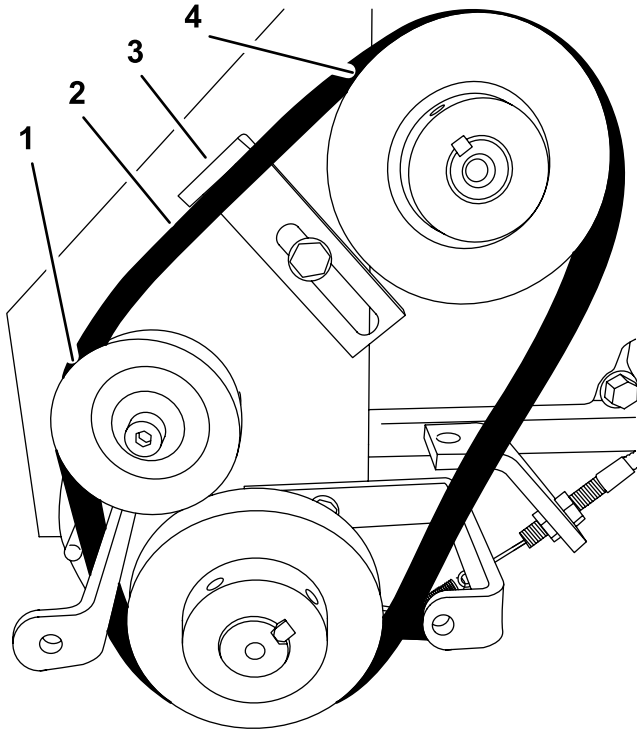
2. Pull the belt guard away from the engine and then up ([Figure 22](#)).

## Installing the Belt Guard

1. Align the holes in the belt guard with the holes in the belt-cover bracket ([Figure 22](#)).
2. Secure the belt guard to the bracket with the 2 hex-washer head bolts (5/16 x 1 inch).

## Removing the Belt

1. Position the machine on a level surface, place the Dyna-Clutch lever in the STOP position, shut off the engine, and disconnect the spark-plug wire.
2. Remove the belt guard; refer to [Removing the Belt Guard \(page 19\)](#).
3. Slip the belt off the belt-tension pulley ([Figure 23](#)).



**Figure 23**

- |                        |                   |
|------------------------|-------------------|
| 1. Belt-tension pulley | 3. Gearbox pulley |
| 2. Belt                | 4. Engine pulley  |

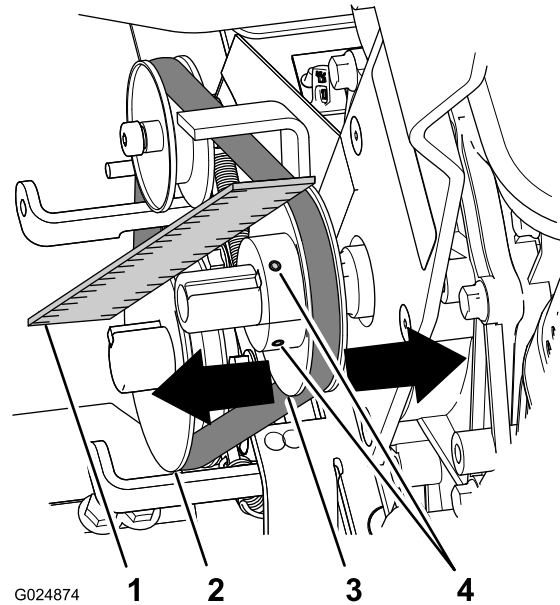
4. Slip the belt off the gearbox pulley ([Figure 23](#)).
5. Slip the belt off the engine pulley and remove the belt ([Figure 23](#)).

## Installing the Belt

1. Ensure the Dyna-Clutch lever in the STOP position.
2. Align the belt over the engine pulley ([Figure 23](#)).
3. Align the belt over the gearbox pulley ([Figure 23](#)).
4. Slip the belt over the belt-tension pulley ([Figure 23](#)).
5. Install the belt guard; refer to [Installing the Belt Guard \(page 19\)](#).

## Aligning the Pulleys

1. Place a straight-edge ruler across the engine pulley and the gearbox pulley ([Figure 24](#)).



**Figure 24**

- |                   |                  |
|-------------------|------------------|
| 1. Straight edge  | 3. Engine pulley |
| 2. Gearbox pulley | 4. Setscrew      |

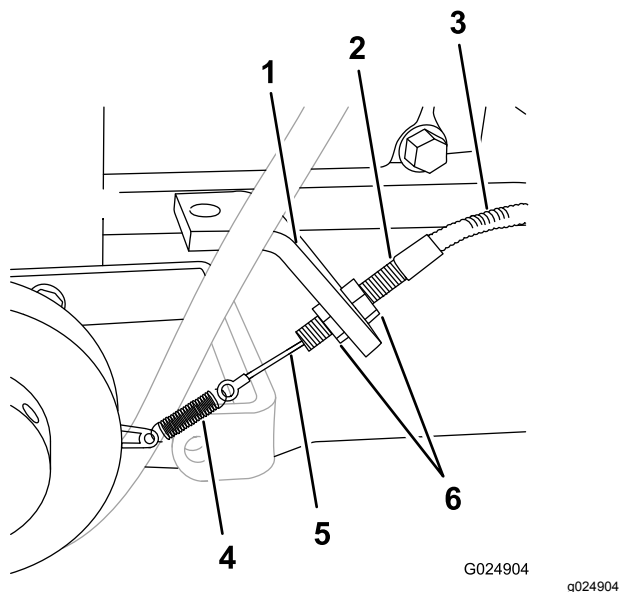
2. If the pulleys are out of alignment, perform the following steps:
  - A. Loosen the 2 setscrews that secure the engine pulley to the engine shaft ([Figure 24](#)).
  - B. Gently tap the engine pulley toward or away from the engine until the gearbox and engine pulleys align to the straight-edge ruler ([Figure 24](#)).
  - C. Tighten the 2 setscrews that secure the engine pulley to the engine shaft ([Figure 24](#)).

## Adjusting the Dyna-Clutch

**Important:** This adjustment procedure affects the operation of the Dyna-Clutch and is critical to the safe operation of the machine.

Adjust the tension-pulley spring as needed to tighten the belt.

1. Move the Dyna-Clutch lever to the STOP position; refer to [Dyna-Clutch Lever \(page 8\)](#).
2. Loosen the 2 jam nuts that secure the barrel of the clutch cable to the clutch bracket, and rotate the nuts to either end of threads on the barrel ([Figure 25](#)).



**Figure 25**

- |                   |             |
|-------------------|-------------|
| 1. Clutch bracket | 4. Spring   |
| 2. Barrel         | 5. Cable    |
| 3. Cable housing  | 6. Locknuts |

3. Grasp the barrel with 1 hand and lift the cable housing lightly (Figure 26).

**Note:** Lifting the cable housing at the barrel should remove the slack from the cable but apply no tension to the spring.

4. While holding tension on the cable, use your other hand, rotate the jam nuts until the nuts are flush to the clutch bracket (Figure 25).
5. Tighten the jam nuts to secure the barrel to the bracket (Figure 25).
6. Check the tension of the control cable. Repeat steps 2 through 4 until there is tension on the Dyna-Clutch cable but no tension on the spring.

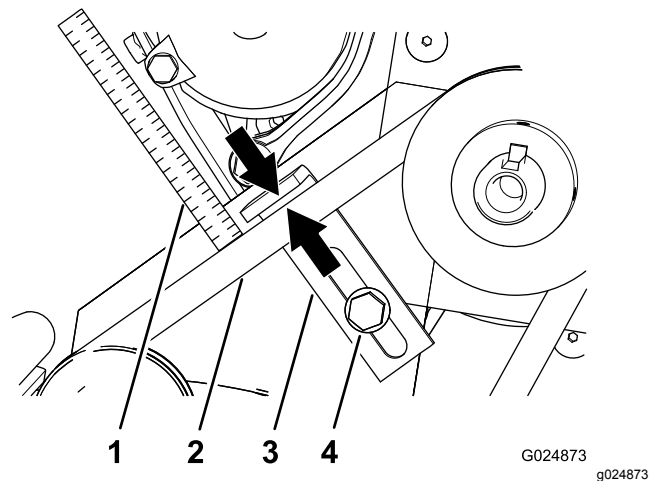
**Note:** If there is too much tension on the cable and spring, the Dyna-Clutch will not release completely. If there is not enough tension on the cable, the cable may disconnect from the pulley bracket.

7. If you need to make a finer cable adjustment, perform the following:
  - A. Loosen the 2 jam nuts slightly (Figure 25).
  - B. Rotate the jam nuts to clockwise to increase cable tension or counterclockwise to decrease tension (Figure 25).
  - C. Tighten the jam nuts to secure the barrel to the clutch bracket (Figure 25).
8. Start the machine and set Dyna-Clutch to the RUN position for a few moments, then move the Dyna-Clutch to the STOP position.

**Note:** If the blades continue to rotate when the Dyna-Clutch is in the STOP position, there is too much tension on the clutch cable. Shut off the engine and repeat step 7 until the blades do not rotate when the engine is running and the Dyna-Clutch is in the STOP position.

## Adjusting the Belt Guide

1. Place the Dyna-Clutch lever in the RUN position.
2. Measure the air gap between the belt and the belt guide (Figure 26).



**Figure 26**

- |                                     |                  |
|-------------------------------------|------------------|
| 1. 6 mm (1/4 inch) measures-air gap | 3. Belt guide    |
| 2. Belt                             | 4. Hex-head bolt |

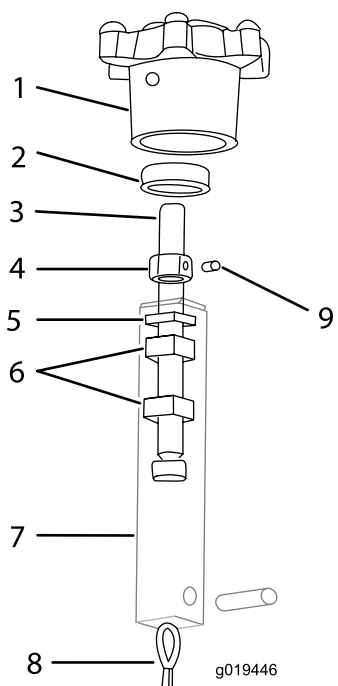
The air gap should be approximately 6 mm (1/4 inch). If an adjustment needs to be done, perform the following:

1. Loosen the hex-flange head bolt that secures the belt guide to the engine plate (Figure 26).
2. While keeping the top of the belt guide parallel to the belt, move the belt guide toward or away from the belt until the air gap is correct (Figure 26).
3. Tighten the hex-flange head bolt that secures the belt guide to the engine plate (Figure 26).

# Controls System Maintenance

## Adjusting the Tilt Knob

1. Set the Dyna-Clutch lever to the Stop position, shut off the engine, and wait for all moving parts to stop.
2. Disconnect the wire from the spark plug.
3. Attach an overhead lift to the lifting point on the machine and lift it off of the ground.
4. Turn the tilt knob until there is enough cable slack to access the tilt locknut ([Figure 27](#)).

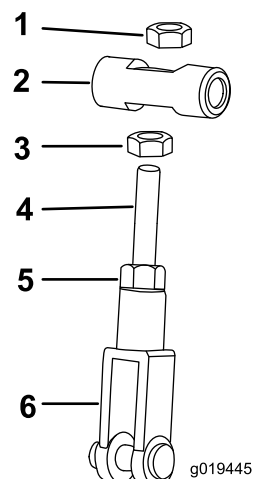


**Figure 27**

- |                 |               |
|-----------------|---------------|
| 1. Tilt knob    | 6. Nut        |
| 2. Bearing      | 7. Tilt block |
| 3. Tilt rod     | 8. Tilt cable |
| 4. Tilt locknut | 9. Set screw  |
| 5. Washer       |               |

## Adjusting the ProPitch Linkage Rod

1. Set the Dyna-Clutch lever to the Stop position, shut off the engine, and wait for all moving parts to stop.
2. Disconnect the wire from the spark plug.
3. Attach an overhead lift to the lifting point on the machine and lift it off of the ground.
4. Loosen the nut on the upper end of the linkage rod to allow slack in the lift cable ([Figure 28](#)).



**Figure 28**

- |           |                |
|-----------|----------------|
| 1. Nut    | 4. Linkage rod |
| 2. Swivel | 5. Nut         |
| 3. Nut    | 6. Yoke end    |

5. Position the ProPitch handle in the full tilt position.
6. Adjust the nut on the backside of the swivel at the upper end of the linkage rod until you achieve the proper gap of approximately 0.4 mm (1/64 inch) between the tilt lever and the gearcase.
7. Tighten the nut on the outside of the swivel to lock the linkage rod into position.

5. Tighten the locknut against the bearing then loosen it slightly. Set it with the set screw ([Figure 27](#)).
6. Adjust the nuts inside the tilt block to take up any cable slack.

**Note:** Replace the cables if full tilt is no longer obtainable.



# Testing the Dyna-Clutch Lever

## Testing the Dyna-Clutch Operation

Ensure that the area is clear of any debris or bystanders before beginning the testing procedures.

1. Start the trowel, engage the Dyna-Clutch lever, and run the machine for a few moments.
2. Move the Dyna-Clutch lever to the Stop position.
3. Watch the blades for any sign of continued rotation.

If the blades do not stop, there is too much tension on the cable and spring. Shut off the engine and decrease the amount of tension to allow the Dyna-Clutch lever to disengage completely.

Ensure that there is still enough tension on the cable and spring to prevent parts from coming unhooked during operation. If the tendency for the blades to rotate when the Dyna-Clutch lever is disengaged cannot be adjusted out of the system without taking all tension off of the cable and spring, carefully inspect the drive belt and Dyna-Clutch lever system for wear or damage. Ensure that all parts are operating freely. If the Dyna-Clutch lever does not stop the blades, see an Authorized Service Dealer.

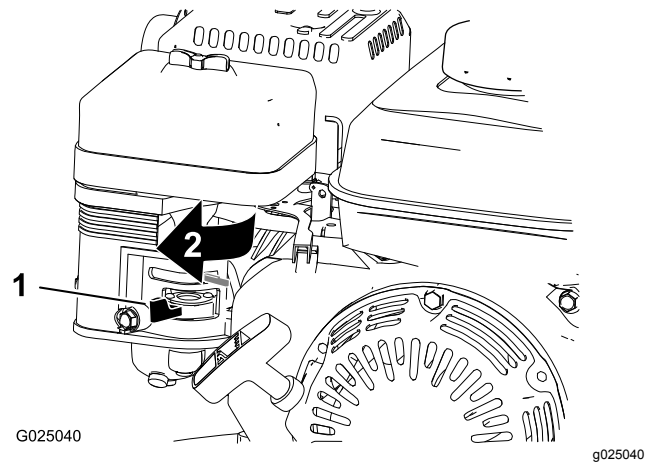
## Testing the Dyna-Clutch Lever Adjustment

**Important:** Ensure that the testing of the Dyna-Clutch lever is done in a clear and open area.

**Important:** Clear the test area of bystanders.

1. Move the Dyna-Clutch lever to the STOP position; refer to [Dyna-Clutch Lever \(page 8\)](#).
2. Start the trowel.
3. Move the fuel valve to the OFF position ([Figure 29](#)).

**Important:** You must move the fuel valve to the OFF position before continuing this procedure.



**Figure 29**

1. Fuel valve
2. Off position

4. Hold onto the handle and engage the Dyna-Clutch lever; refer to [Dyna-Clutch Lever \(page 8\)](#).

5. Let go of the handle.

The Dyna-Clutch lever should switch to the STOP position within 1 rotation. If it does not, keep clear of the area and **wait for the machine to run out of fuel**.

**Note:** If the Dyna-Clutch does not stop the machine within 1 rotation, adjust the Dyna-Clutch or bring the machine to an authorized service location; refer to [Adjusting the Dyna-Clutch \(page 20\)](#).

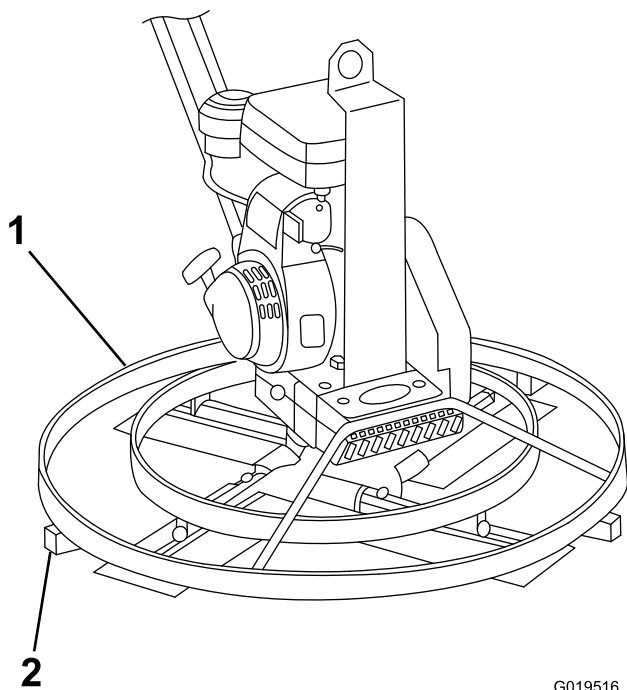
6. Move the Dyna-Clutch lever to the STOP position.

## Adjusting the Blades

Adjust the blades to remove excessive shaking of the machine.

1. Disconnect the spark plug wire and move the Dyna-Clutch lever to the STOP position.
2. Place 3 or 4 blocks of equal height under the stationary blade guard (outer ring) to raise the blades off of the floor.

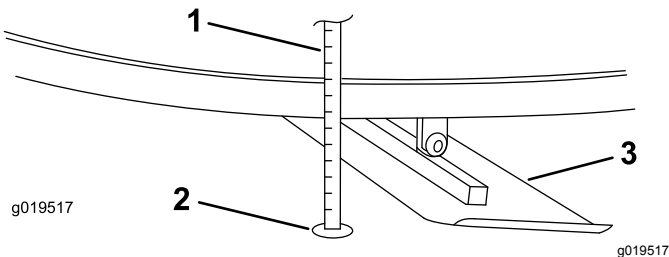
**Note:** Ensure that the blocks are clear of the blades so that the blades can be rotated without touching the blocks.



**Figure 30**

1. Stationary blade guard
2. Block

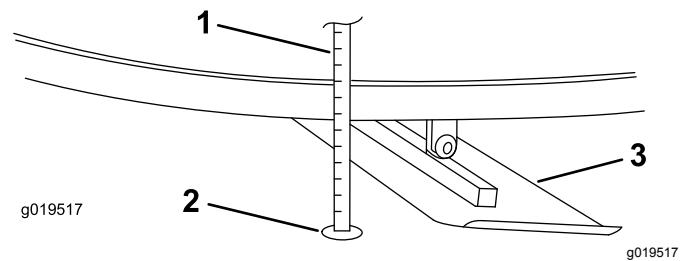
3. Measure from the floor to the leading edge of the blade. Note the measurement.
4. Place a mark on the blade and on the spot on the floor from where the measurement was taken (Figure 31).



**Figure 31**

1. Spot on the floor where the measurement was taken
2. Ruler
3. Blade

5. Rotate the blades until the next blade is in the same position as the previously measured blade.
6. Measure the second blade from the spot previously marked on the floor to the second blade's leading edge (Figure 32).



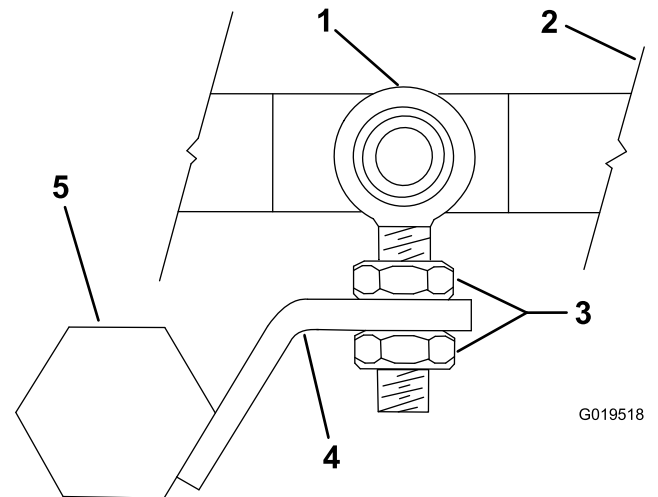
**Figure 32**

1. Ruler
2. Spot on floor from first measurement
3. Second blade

7. Compare the 2 measurements.

If the height of the second blade is not within 0.8 mm (1/32 inch) of the height of the first blade, adjust the second blade.

8. Loosen the locknuts on the blade (Figure 33).



**Figure 33**

1. Rod end bearing
2. Thrust plate
3. Locknuts
4. Blade arm lever
5. Blade arm

9. Adjust the blade arm lever up or down as necessary to make the second blade height the same height of the first blade that was measured.
10. Tighten the locknuts.
11. Repeat as necessary for the remaining blades.



# Adjusting the Blade Arms

Adjust the blade arms if the machine still shakes excessively after the blades have been adjusted.

1. Place the machine on a flat surface.
2. Disconnect the spark plug.
3. Turn the tilt adjustment knob counter clockwise until all of the tension is off of the tilt adjustment cable and the blades are flat against the floor.

Blade arms should be unbent and flat to the floor. If a blade is bent, continue this procedure to adjust the blade arm. If blades are unbent and flat to the floor, examine the machine for other worn parts.

**Note:** Do not screw the knob completely out of the handle.

4. Loosen the bolts 3 to 4 turns (Figure 34).

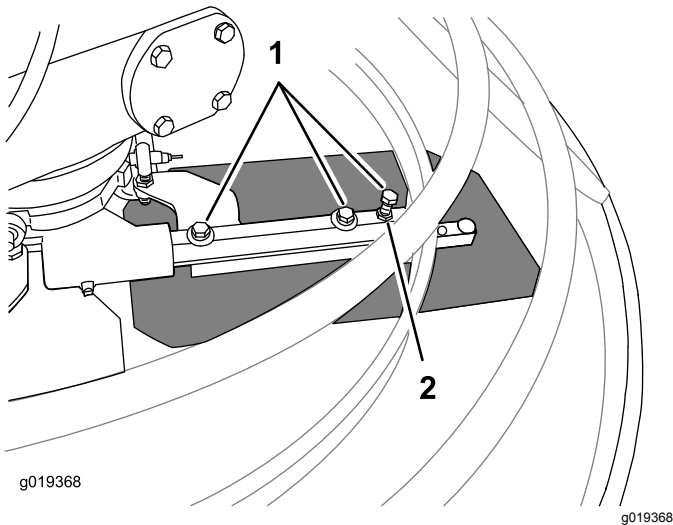


Figure 34

1. Bolts                      2. Locknut

5. Loosen the locknut and tighten the outermost bolt until the blade lays flat against the floor.
6. Tighten the locknut and bolts.
7. Repeat for other blades as necessary.

If the blade arm cannot be adjusted to lay flat, replace the blade arm.

If the machine continues shaking excessively after the blade arms have been adjusted, examine the remainder of the machine for any other worn parts.

# Storage

1. Set the Dyna-Clutch lever to the Stop position, shut off the engine, and disconnect the spark-plug wire.
2. Remove dirt and grime from the entire machine.

**Important:** You can wash the machine with mild detergent and water. Do not pressure wash the machine. Avoid excessive use of water, especially near the engine.

3. Service the air cleaner; refer to [Servicing the Air Cleaner \(page 15\)](#).

Change the engine oil; refer to [Changing the Engine Oil \(page 17\)](#).

4. For storage over 30 days, prepare the machine as follows:

- A. Add a petroleum based stabilizer/conditioner to fuel in the tank. Follow the mixing instructions from stabilizer manufacturer. **Do not use an alcohol-based stabilizer (ethanol or methanol).**

**Note:** A fuel stabilizer/conditioner is most effective when mixed with fresh fuel and used at all times.

- B. Run the engine until it stops from running out of fuel.
- C. Choke the engine.
- D. Start and run the engine until it will not start again.
- E. Dispose of fuel properly. Recycle as per local codes.

**Important:** Do not store stabilizer/conditioned fuel over 90 days.

5. Check and tighten all bolts, nuts, and screws. Repair or replace any part that is damaged.
6. Paint all scratched or bare metal surfaces. Paint is available from your Authorized Service Dealer.
7. Store the machine in a clean, dry garage or storage area.
8. Cover the machine to protect it and keep it clean.

# Troubleshooting

Problem	Possible Cause	Corrective Action
The trowel blade turns when the recoil is pulled.	<ol style="list-style-type: none"> <li>1. The clutch is engaged.</li> <li>2. The clutch is not properly adjusted.</li> <li>3. The belt guide bracket is bent.</li> </ol>	<ol style="list-style-type: none"> <li>1. Disengage the Clutch.</li> <li>2. See Adjusting the Dyna-Clutch Lever.</li> <li>3. See an Authorized Service Dealer.</li> </ol>
The trowel blades are wearing unevenly.	<ol style="list-style-type: none"> <li>1. The blade arm is bent.</li> <li>2. The blade arm need to be adjusted.</li> <li>3. The tilt mechanism needs to be adjusted.</li> <li>4. The rod end bearings are worn or needs to be adjusted.</li> </ol>	<ol style="list-style-type: none"> <li>1. See Adjusting the Blade Arms.</li> <li>2. See Adjusting the Blade Arms.</li> <li>3. See Adjusting the Blade Arms.</li> <li>4. See Adjusting the Blade Arms.</li> </ol>
The trowel bounces, rocks, or digs into the concrete.	<ol style="list-style-type: none"> <li>1. The blade arm is bent.</li> <li>2. The blade arm needs to be adjusted.</li> <li>3. The arm bearings are worn.</li> <li>4. The output shaft is bent.</li> </ol>	<ol style="list-style-type: none"> <li>1. See Adjusting the Blade Arms.</li> <li>2. See Adjusting the Blade Arms.</li> <li>3. See an Authorized Service Dealer.</li> <li>4. See an Authorized Service Dealer.</li> </ol>
The tilt knob is difficult to turn.	<ol style="list-style-type: none"> <li>1. The tilt rod and nut are seized.</li> <li>2. The tilt pivot is not seated properly.</li> <li>3. The tilt locknut needs to be adjusted.</li> <li>4. The thrust plate is worn or has seized.</li> <li>5. The tilt lever is worn or bent.</li> <li>6. The ProPitch cam is bent or worn.</li> </ol>	<ol style="list-style-type: none"> <li>1. Lubricate the tilt rod threads.</li> <li>2. See Adjusting the Tilt Knob.</li> <li>3. See Adjusting the Tilt Knob.</li> <li>4. Lubricate the thrust plate. See an Authorized Service Dealer.</li> <li>5. See an Authorized Service Dealer.</li> <li>6. See Adjusting the Pro-Pitch Linkage Rod. See an Authorized Service Dealer.</li> </ol>
The Dyna-Clutch lever is difficult to engage.	<ol style="list-style-type: none"> <li>1. The tension needs to be adjusted.</li> <li>2. The Dyna-Clutch lever is worn.</li> <li>3. The cable has seized.</li> </ol>	<ol style="list-style-type: none"> <li>1. See Adjusting the Dyna-Clutch Lever.</li> <li>2. See an Authorized Service Dealer.</li> <li>3. See an Authorized Service Dealer.</li> </ol>
The belt slips.	<ol style="list-style-type: none"> <li>1. The tension on the clutch spring needs to be adjusted.</li> <li>2. The belt is worn.</li> </ol>	<ol style="list-style-type: none"> <li>1. See Adjusting the Dyna-Clutch Lever.</li> <li>2. See Adjusting the Transmission Drive Belt Tension.</li> </ol>
The gearcase is emitting a grinding noise.	<ol style="list-style-type: none"> <li>1. The bearings are worn.</li> </ol>	<ol style="list-style-type: none"> <li>1. See an Authorized Service Dealer.</li> </ol>
The engine does not start.	<ol style="list-style-type: none"> <li>1. The choke is open.</li> <li>2. The fuel tank is empty.</li> <li>3. The spark plug wire is loose or disconnected.</li> </ol>	<ol style="list-style-type: none"> <li>1. Close the choke when starting a cold engine.</li> <li>2. Fill the tank with fresh fuel.</li> <li>3. Check the electrode gap and clean or replace the spark plug.</li> </ol>
The engine runs rough.	<ol style="list-style-type: none"> <li>1. The choke is left on.</li> <li>2. The air filter is clogged.</li> <li>3. The fuel line is clogged.</li> <li>4. There is water or contaminants in the fuel.</li> <li>5. The spark plugs are worn or have buildup on the electrodes.</li> </ol>	<ol style="list-style-type: none"> <li>1. Open the choke.</li> <li>2. Clean or replace the air filter. See Servicing the Air Cleaner.</li> <li>3. Clean the sediment cup.</li> <li>4. Drain and fill the tank with fresh fuel.</li> <li>5. Check the electrode gap and clean or replace the spark plug.</li> </ol>

**Notes:**

# California Proposition 65 Warning Information

## What is this warning?

You may see a product for sale that has a warning label like the following:



**WARNING: Cancer and Reproductive Harm—**[www.p65Warnings.ca.gov](http://www.p65Warnings.ca.gov).

## What is Prop 65?

Prop 65 applies to any company operating in California, selling products in California, or manufacturing products that may be sold in or brought into California. It mandates that the Governor of California maintain and publish a list of chemicals known to cause cancer, birth defects, and/or other reproductive harm. The list, which is updated annually, includes hundreds of chemicals found in many everyday items. The purpose of Prop 65 is to inform the public about exposure to these chemicals.

Prop 65 does not ban the sale of products containing these chemicals but instead requires warnings on any product, product packaging, or literature with the product. Moreover, a Prop 65 warning does not mean that a product is in violation of any product safety standards or requirements. In fact, the California government has clarified that a Prop 65 warning "is not the same as a regulatory decision that a product is 'safe' or 'unsafe.'" Many of these chemicals have been used in everyday products for years without documented harm. For more information, go to <https://oag.ca.gov/prop65/faqs-view-all>.

A Prop 65 warning means that a company has either (1) evaluated the exposure and has concluded that it exceeds the "no significant risk level"; or (2) has chosen to provide a warning based on its understanding about the presence of a listed chemical without attempting to evaluate the exposure.

## Does this law apply everywhere?

Prop 65 warnings are required under California law only. These warnings are seen throughout California in a wide range of settings, including but not limited to restaurants, grocery stores, hotels, schools, and hospitals, and on a wide variety of products. Additionally, some online and mail order retailers provide Prop 65 warnings on their websites or in catalogs.

## How do the California warnings compare to federal limits?

Prop 65 standards are often more stringent than federal and international standards. There are various substances that require a Prop 65 warning at levels that are far lower than federal action limits. For example, the Prop 65 standard for warnings for lead is 0.5 µg/day, which is well below the federal and international standards.

## Why don't all similar products carry the warning?

- Products sold in California require Prop 65 labelling while similar products sold elsewhere do not.
- A company involved in a Prop 65 lawsuit reaching a settlement may be required to use Prop 65 warnings for its products, but other companies making similar products may have no such requirement.
- The enforcement of Prop 65 is inconsistent.
- Companies may elect not to provide warnings because they conclude that they are not required to do so under Prop 65; a lack of warnings for a product does not mean that the product is free of listed chemicals at similar levels.

## Why does Toro include this warning?

Toro has chosen to provide consumer with as much information as possible so that they can make informed decisions about the products they buy and use. Toro provides warnings in certain cases based on its knowledge of the presence of one or more listed chemicals without evaluating the level of exposure, as not all the listed chemical provide exposure limit requirements. While the exposure from Toro products may be negligible or well within the "no significant risk" range, out of an abundance of caution, Toro has elected to provide the Prop 65 warnings. Moreover, if Toro does not provide these warnings, it could be sued by the State of California or by private parties seeking to enforce Prop 65 and subject to substantial penalties.