



Quick Start Guide

Compact 24 LET (920022 s/n 000101 & up)

- Step 1: Assemble Handlebar
- Step 2: Install Trigger Cable Assembly
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- Step 6: Check Function of Dual Handle Interlock
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- Step 9: Check Auger Gearcase Oil
- Step 10: Check Engine Crankcase Oil
- Step 11: Fill Engine Fuel Tank
- Step 12: Starting the Engine
- Step 13: Stopping the Engine



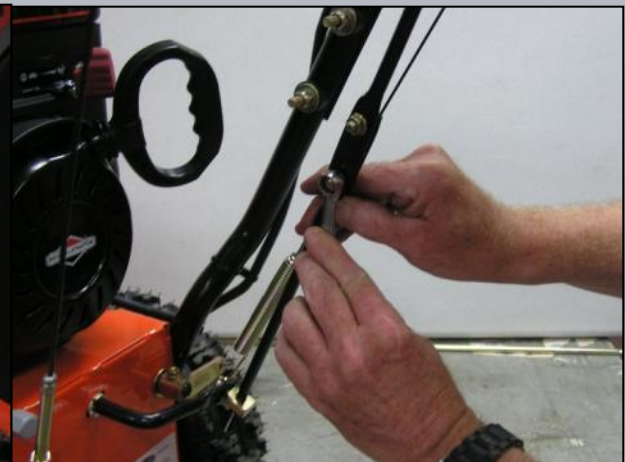
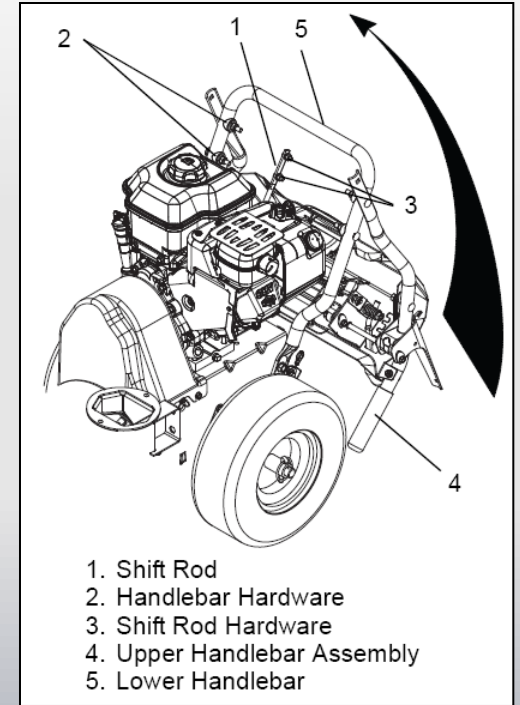
READ AND UNDERSTAND ALL INSTRUCTION, WARNING, AND DANGER LABELS.

IMPORTANT: READ OPERATOR'S MANUAL AND ENGINE MANUAL THOROUGHLY AND FOLLOW THE IMPORTANT SAFE OPERATION PRACTICES BEFORE OPERATING.



Step One: Assemble Handlebar

1. Remove the lower and loosen the upper hardware on the handlebar assembly.
 2. Loosen the hardware on the shift rod.
 3. Put the speed selector lever in the sixth forward position.
 4. Rotate the handlebar into operating position.
- NOTE:** Be careful not to damage cable spring hooks when rotating handlebar upward.
5. Install and tighten the hardware on the handlebar assembly and shift rod.

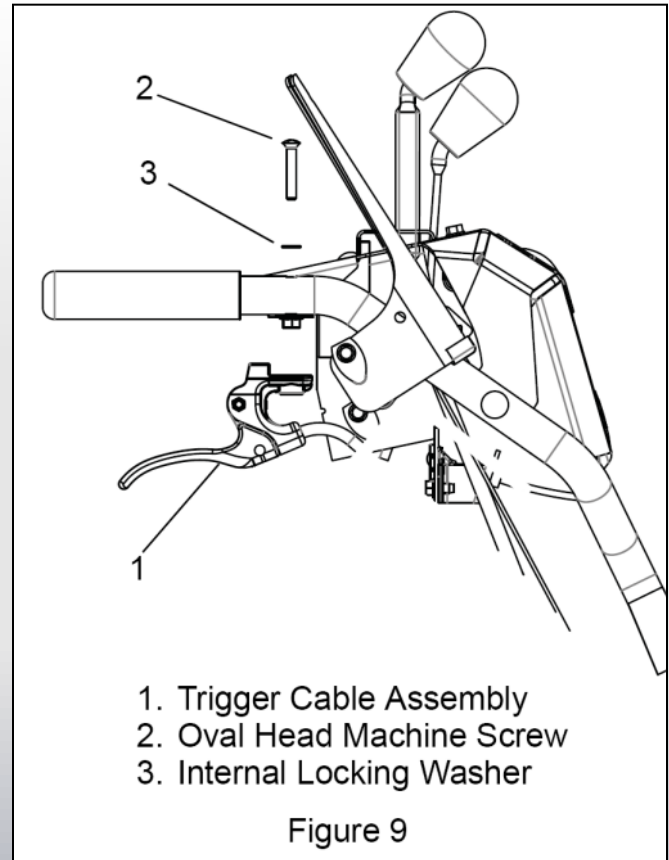




Step Two: Install Trigger Cable Assembly

NOTICE: Trigger cable assembly comes attached to the Sno-Thru unit.

1. Attach remote trigger cable assembly to upper handlebar assembly using one $\frac{1}{4}$ " x $1-\frac{1}{2}$ " oval head machine screw and one $\frac{1}{4}$ " locking washer.

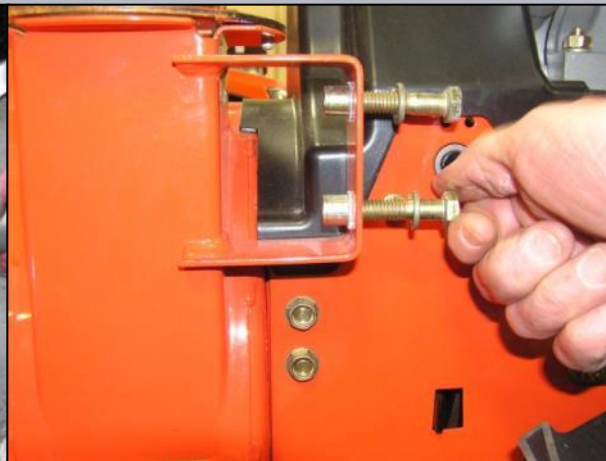
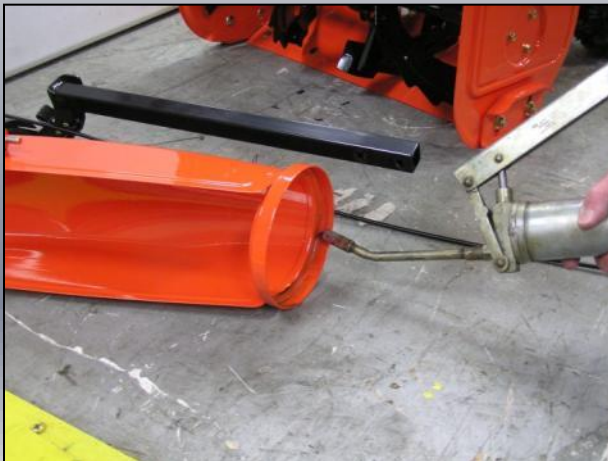
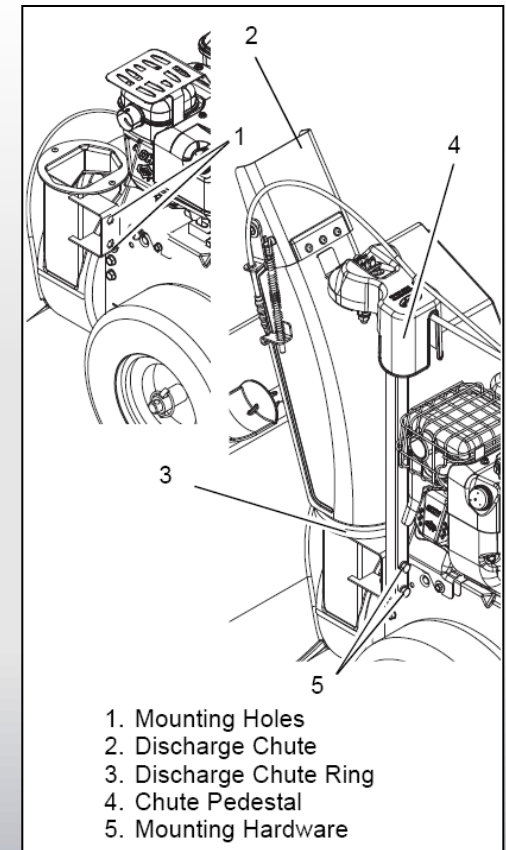




Step Three: Install Discharge Chute

1. Grease underside of discharge chute ring (if not already greased).
2. Remove mounting hardware from auger housing
3. Install discharge chute over opening in the auger housing. Finger tighten the mounting hardware removed above.

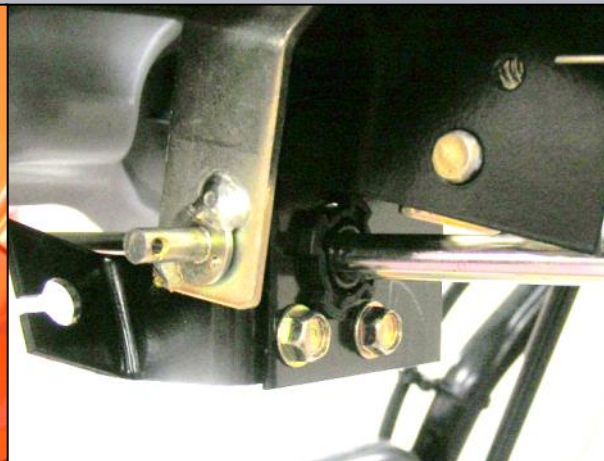
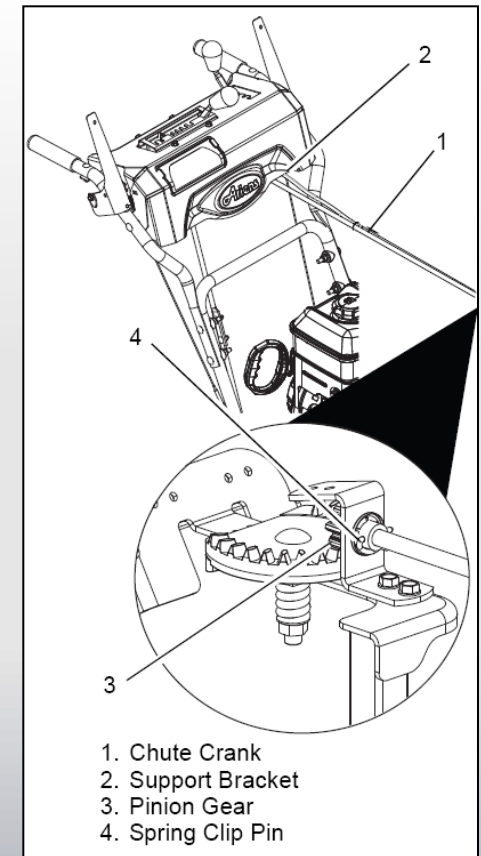
NOTE: Leave discharge chute pedestal loose to help install the chute crank.





Step Four: Install Discharge Chute Crank

1. Remove gear cover from top of chute pedestal.
2. Slide Chute Crank through the nylon bushing in the support bracket under control panel.
- NOTE:** Be careful not to damage nylon bushing when attaching crank to the control panel.
3. Connect the chute crank to the pinion gear on discharge chute with spring clip pin.
4. Replace gear cover on top of chute pedestal.
5. Orient the chute and pedestal to its most vertical position and tighten pedestal hardware to 14.8-31.0 lbf-ft (20-42 N·m).

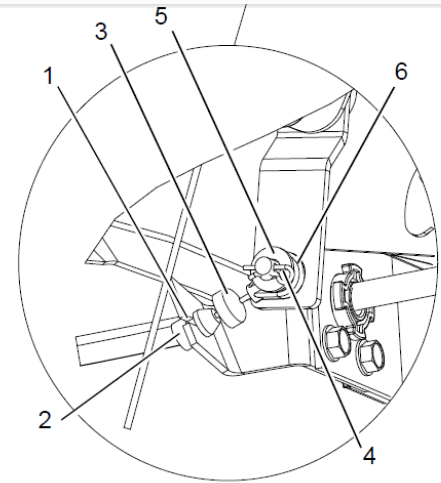




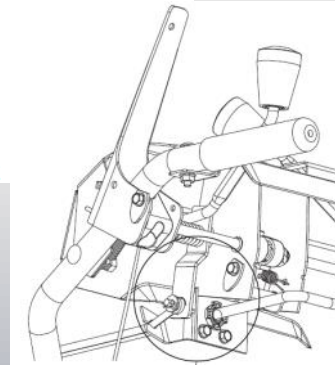
Step Five: Install Remote Deflector Cable

1. Pull rubber seal cap away from snap fitting.
2. Install snap fitting into cable bracket's mounting hole located under the dash.
3. Position rubber seal cap over the top of snap fitting.
4. Move deflector control lever to rear most position.
5. Attach cable eye to pin on bottom of deflector control lever.

NOTE: Hold down chute deflector cap, if needed, for more cable slack.



1. Mounting Hole
 2. Snap Fitting
 3. Rubber Seal Cap
 4. Hairpin
 5. Bushing
 6. Cable Eye
- Figure 12

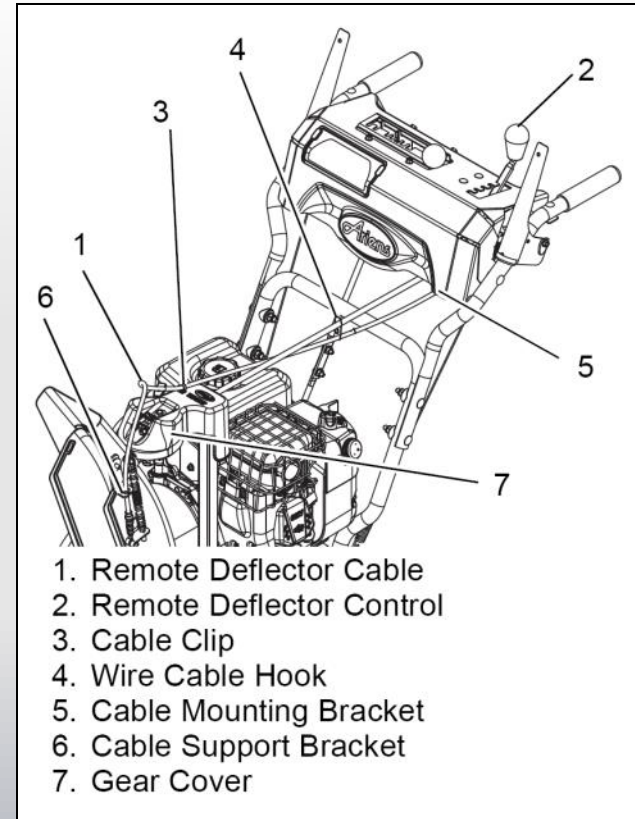




Step Five: Install Remote Deflector Cable Cont.

6. Secure cable eye to control lever with sleeve bushing and hairpin.
7. Using the wire hook attached to the deflector cable, hook cable to discharge chute crank.
8. Install cable into clip on top of discharge chute pedestal.
9. Make sure deflector cable loops above gear cover between cable clip and cable support bracket.
10. Test controls to be sure deflector works properly.

NOTE: If deflector does not follow full range of travel See *Remote Discharge Deflector Control Adjustment* in Owners Manual.





Step Six: Check Function of Dual Handle Interlock



Without the engine running, press down (engage) both clutch levers. Release attachment clutch lever. Attachment clutch should remain engaged until traction clutch lever is released, then both clutches *must* disengage. If they do not, contact your dealer for repairs.

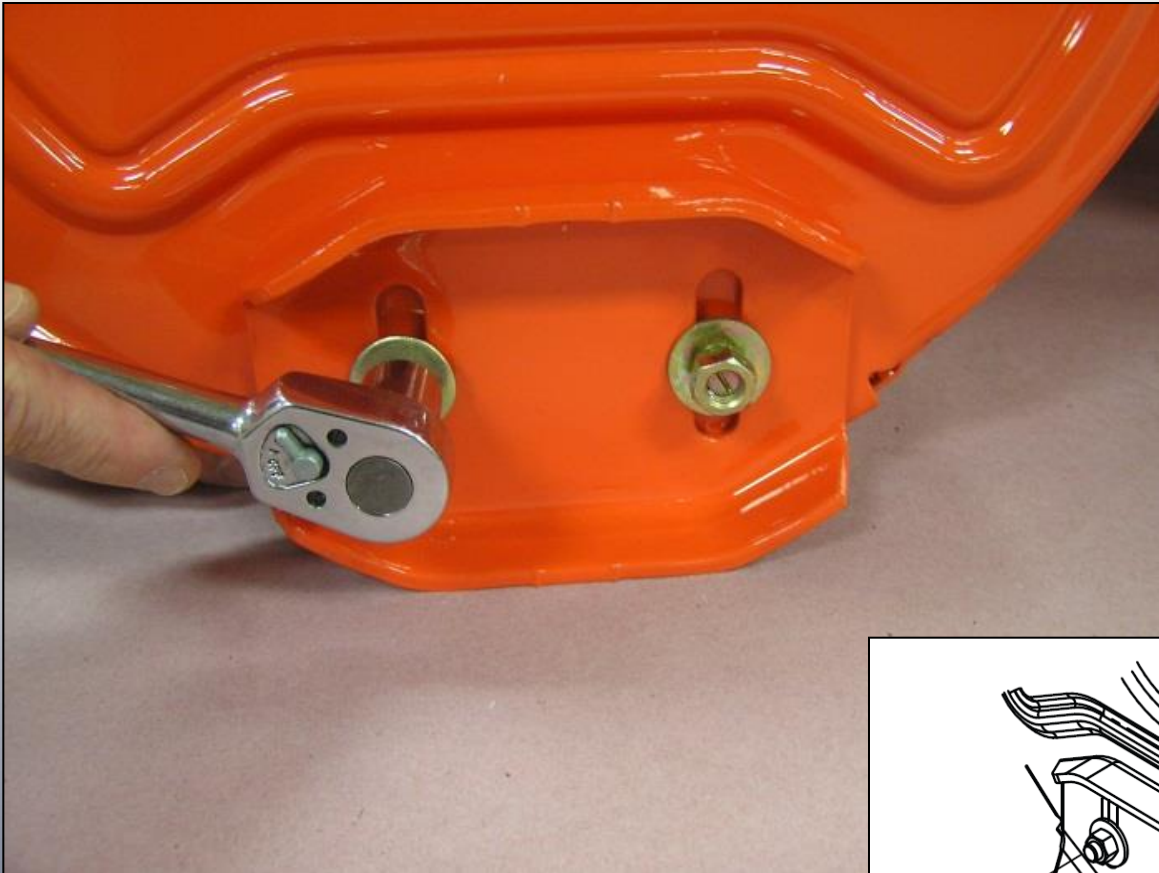


Step Seven: Check Track Tension

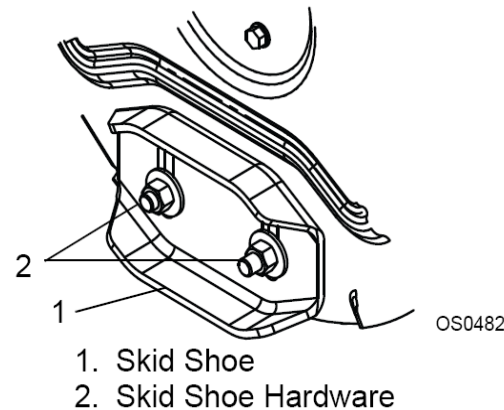


Check tracking of unit and tension the tracks as required (see *Traction Tension Adjustment* in Owners Manual).

Step Eight: Adjust Skid Shoes

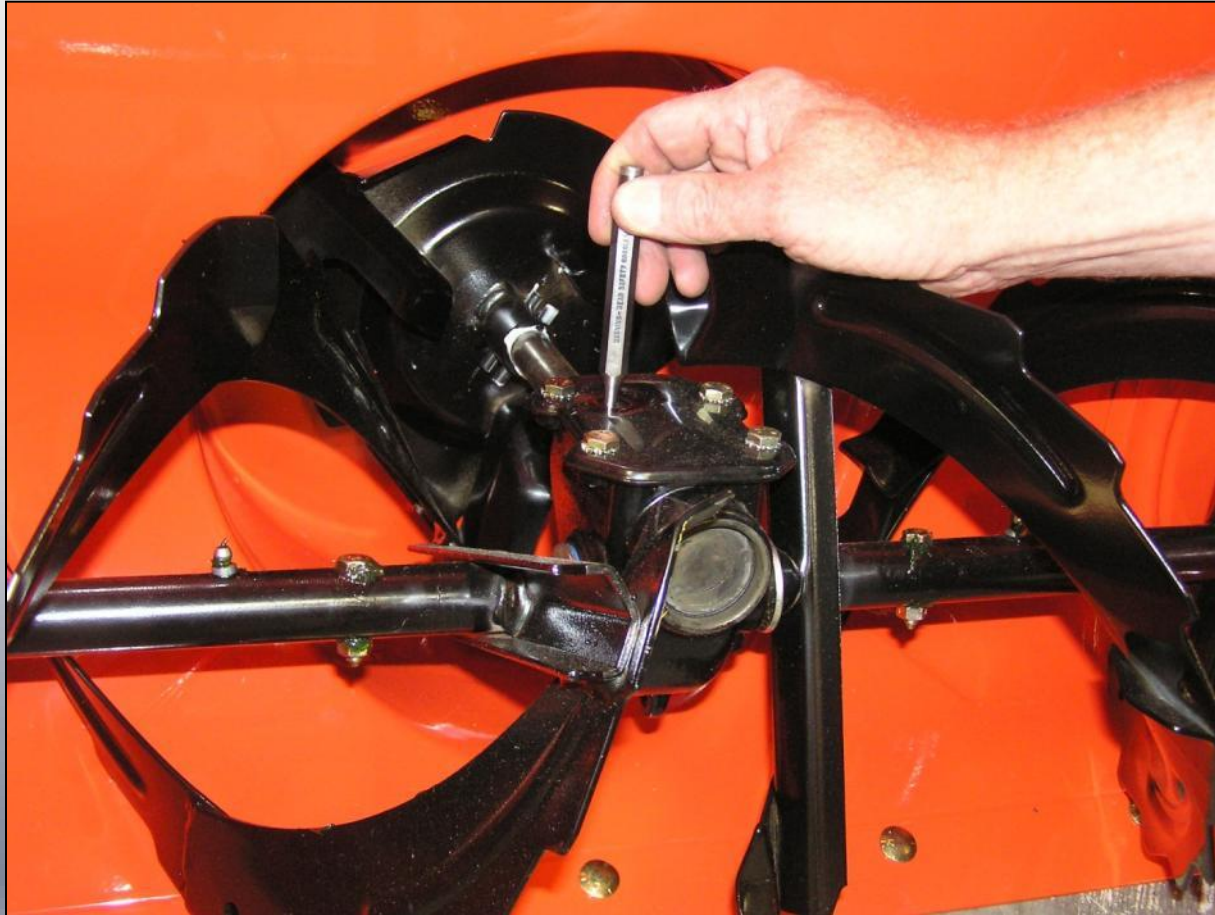


IMPORTANT: Skid shoes should be adjusted as conditions require. Allow 1/8 in. (3mm) between scraper blade and hard smooth surfaces. Allow 7/8 in (22 mm) between scraper blade and uneven or gravel surfaces. (See Skid Shoes in Owners Manual).





Step Nine: Check Auger Gearcase Oil



Check oil level in auger gearcase (see *Check Auger Gearcase* in Owners Manual).



Step Ten: Check Engine Crankcase Oil



IMPORTANT: The engine is shipped with 5W-30 oil in crankcase. Refer to engine manual for detailed instructions.



Step Eleven: Fill Engine Fuel Tank



Fill fuel tank. DO NOT OVERFILL! See *FILLING FUEL TANK* in Owners Manual.



Step Twelve: Starting the Engine





Starting Engine / Step A: Choke



Turn choke ON.

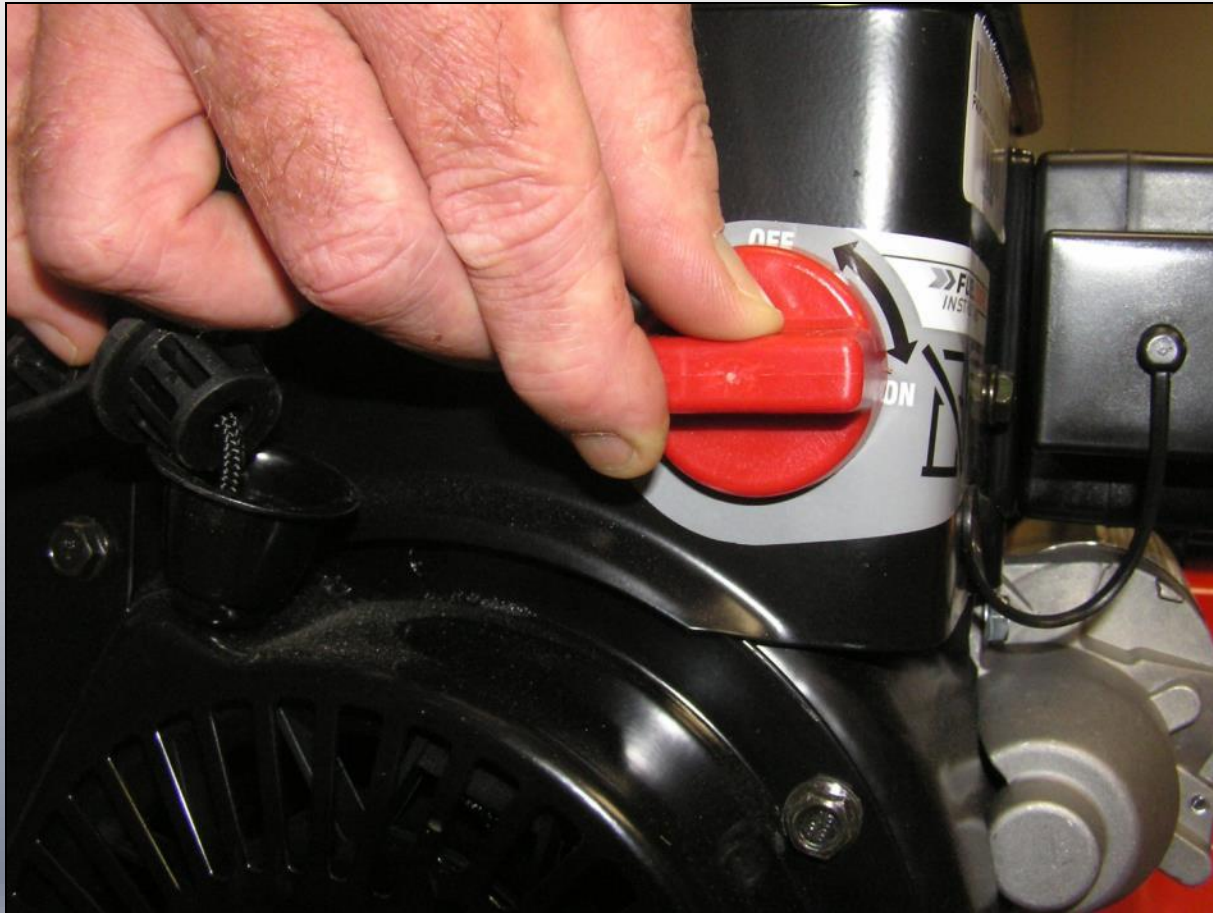


Starting Engine / Step B: Rocker Switch



Push rocker switch to RUN position.

Starting Engine / Step C: Fuel Shut Off Valve



Turn fuel petcock
to ON position.

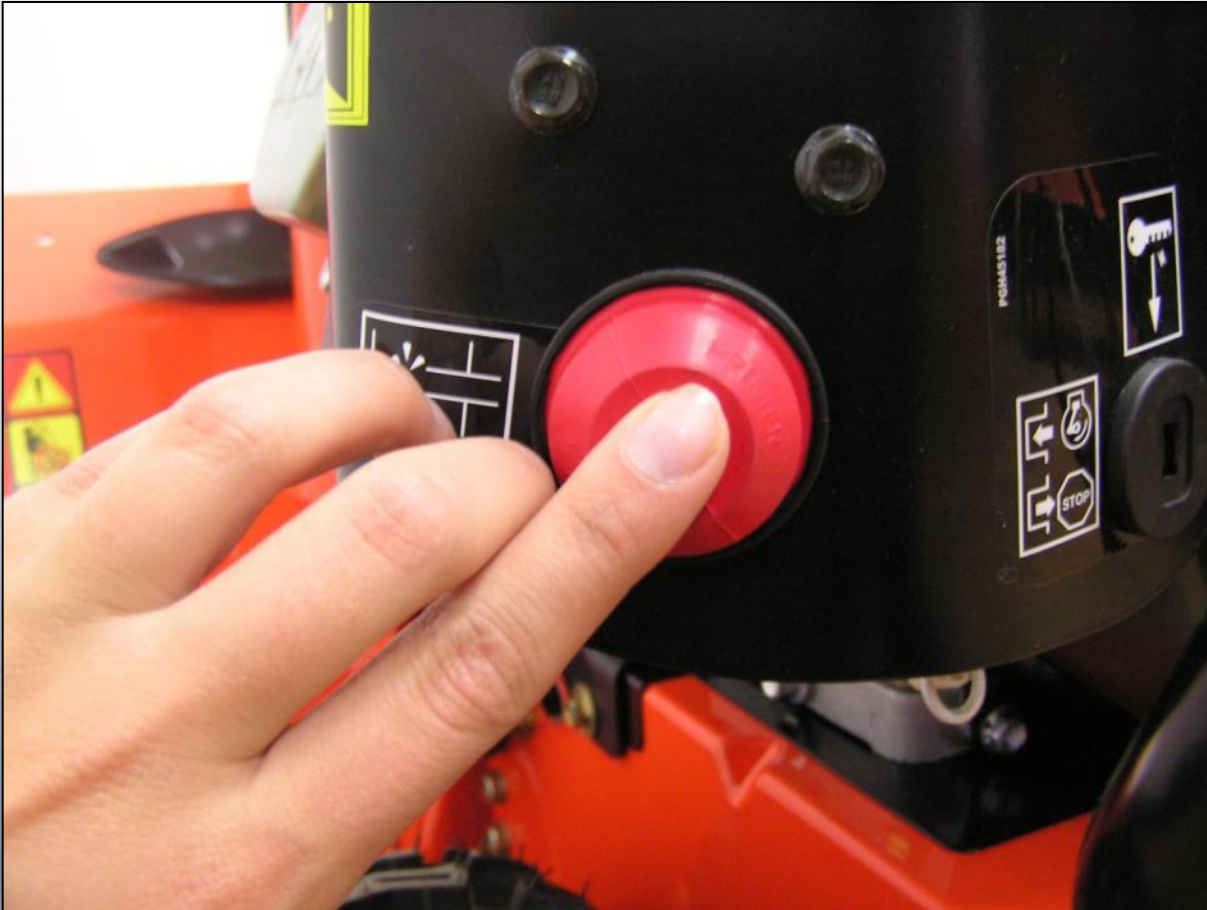
Starting Engine / Step D: Key



Install Safety Key Switch. Insert ignition key into slot but DO NOT turn the key. Be sure ignition key snaps into place.



Starting Engine / Step E: Prime



Prime system: 3 primes maximum. DO NOT over prime system. Make sure to cover the vent hole on primer bulb before the primer bulb is compressed. Hold the primer bulb in the compressed position for one full second each time you press it. Repeat for a total of 3 primes.



Starting Engine / Step F: (Manual Start)



Grasp rope handle. Pull slowly until resistance is felt, then pull rope firmly and quickly to start engine and avoid kickback.



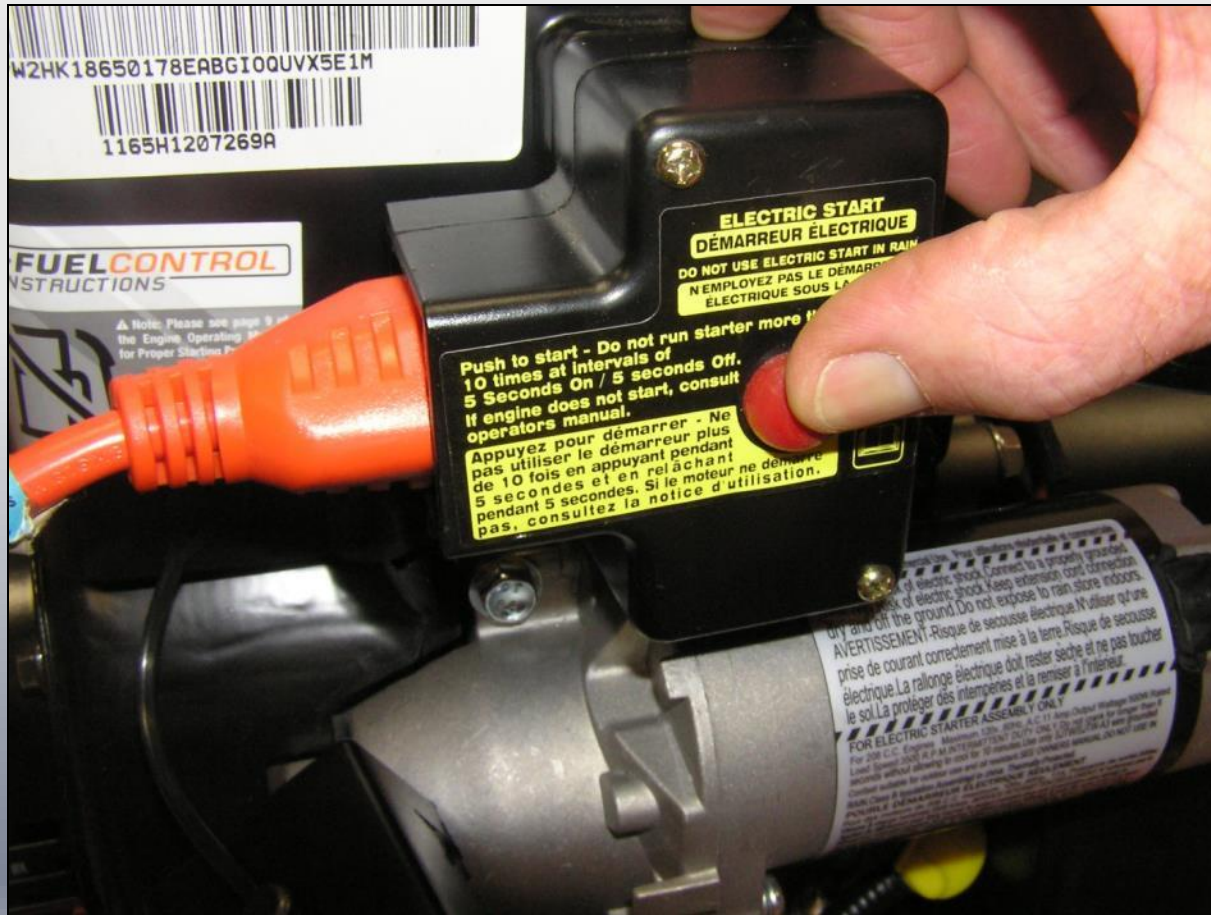
Starting Engine / Step F: (Electric Start)



Use a 3-wire extension cord and plug cord into starter motor adaptor first. Then plug cord into wall receptacle. Use appropriately sized extension cord (10AWG or larger) to prevent damage to electric starter.



Starting Engine / Step G: (Electric Start)



Press and hold starter button.

Note: Do not hold the electric starter button down for more than 5 seconds. Wait at least 1 minute before additional starting attempts.



Starting Engine / Step H: Warm up



Allow the engine to warm up for 1-2 minutes, move the choke control to the **CHOKE OFF** position.

Step Thirteen: Stopping the Engine



To stop engine in an emergency, flip the Rocker Switch to the STOP position, OR Pull Safety Key from Engine.

Under normal conditions:

1. Push rocker switch to STOP position.
2. Pull safety key OUT.



Additional Resources

- Refer to Owners Manual and Engine Manual
- Contact Ariens Company

www.ariens.com

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