



WARNING

MAKE SURE THE UNIT IS IN A STABLE POSITION BEFORE PULLING STARTER.

WHEN THE UNIT STARTS TO FIRE OR RUN, RELEASE THE THROTTLE CONTROL MOMENTARILY WITH YOUR RIGHT HAND AND RETURN YOUR LEFT HAND TO THE HANDLEBAR POSITION TO MAINTAIN CONTROL AND STABILITY OF THE UNIT WITH BOTH HANDS

STARTING AND STOPPING ENGINE

- ✓ Move engine outdoors to a well ventilated area to ensure you are safe from carbon monoxide poisoning.
- ✓ Make sure you are in an area away from flames or sparks to avoid ignition of vapors if present.
- ✓ To ensure proper air flow, remove all debris from air cleaner holes and gas cap.

COLD ENGINE START

To start engine for the first time or after the engine has cooled off or after running out of fuel.

1. Position the choke lever to **RUN**.

NOTE: Choke must be in the RUN position when pushing or using the primer bulb.

2. Prime unit until primer hose is filled with gas.

NOTE: When using the primer bulb, allow the bulb to return completely to its original position between pushes.

3. Move choke lever to **CHOKE** position.

NOTE: CHOKE position is defined by moving the choke lever as far to the CHOKE position as possible.

4. Push rocker switch to the **ON** position.

5. Squeeze throttle control with right hand. Grasp starter handle with left hand and pull out slowly, until it pulls slightly harder. Without letting starter handle retract, pull rope with a rapid full arm stroke. Let it return to its original position very slowly until unit fires or runs. Repeat this step every time the starter rope is pulled.

NOTE: If engine fails to start after 5-6 pulls, push primer 1 time and pull starter rope again.

6. After engine starts running, move choke lever to **HALF CHOKE** position until unit runs smoothly.

NOTE: HALF CHOKE is defined when the choke lever is between CHOKE and RUN.

7. Move choke lever to **RUN** position and move throttle to desired speed.

NOTE: Run at full throttle when possible. Do not let unit idle for extended periods of time.

8. To stop engine, push rocker switch to **OFF** position.

CAUTION

ALWAYS HANDLE FUEL IN A WELL VENTILATED AREA, OUT DOORS, AWAY FROM FLAMES OR SPARKS.

ALWAYS WEAR A PROTECTIVE HEARING DEVICE.

DO NOT START ENGINE IF FUEL IS SPILLED.

WIPE OFF EXCESS FUEL AND ALLOW TO DRY REMOVE ENGINE FROM AREA TO AVOID SPARKS.

IF AUGER IS MOUNTED TO ENGINE, ALL SAFETY GUARDS MUST BE SECURELY ON TO AVOID SERIOUS INJURY.

STARTER ROPE CAN CAUSE AN UNANTICIPATED JERK TOWARDS ENGINE PLEASE FOLLOW INSTRUCTIONS TO AVOID INJURY.

NEVER LEAVE ENGINE RUNNING WHILE UNATTENDED.

TURN OFF AFTER EVERY USE.

NEVER CARRY POWERHEAD AND AUGER BETWEEN HOLES WHILE ENGINE IS RUNNING.

WARM ENGINE START

1. Move choke lever to **CHOKE** position.

NOTE: CHOKE position is defined by moving the choke lever as far to the CHOKE position as possible.

- Continue with Step 5 of Cold Engine Starting.

HOT ENGINE START

1. Continue with Step 5 of Cold Engine Starting.

2. If engine does not fire, refer to Step 1 of Warm Engine Starting.

DO NOT ATTEMPT TO START ENGINE IN THE FOLLOWING WAYS:

- ✓ **DO NOT USE STARTING FLUID.**
- ✓ **DO NOT SPRAY FLAMMABLE LIQUIDS OR VAPORS INTO AIR CLEANER, CARBURETOR OR SPARK PLUG CHAMBER.**
- ✓ **DO NOT REMOVE SPARK PLUG AND PULL ON STARTER ROPE. FLAMMABLE FUEL CAN SPRAY OUT & IGNITE FROM A SPARK FROM SPARK PLUG.**



**CAUTION****TO PREVENT ACCIDENTAL STARTING:**

ENGINE MUST BE TURNED OFF TO COOL AND SPARK PLUG WIRE MUST BE REMOVED FROM SPARK PLUG BEFORE CHECKING AND ADJUSTING ENGINE OR EQUIPMENT.

TEMPERATURE OF MUFFLER AND NEARBY AREAS MAY EXCEED 150° F. (65 °C). AVOID THESE AREAS.

CHECK AUGER OFTEN FOR LOOSE NUTS AND BOLTS. KEEP THESE ITEMS TIGHTENED.

NEVER STORE ENGINE WITH FUEL IN THE TANK INSIDE A BUILDING. POTENTIAL SPARKS MAY BE PRESENT FOR IGNITION OF FUEL AND FUEL VAPORS.

AN ADULT MUST ALWAYS DO MAINTENANCE AND REPAIR ON ENGINE AND AUGER.

ENGINE MUST BE SHUT-OFF, COOL, AND SPARK PLUG WIRE REMOVED BEFORE ANY REPAIR OR MAINTENANCE CAN BE DONE.

**Need Help?
PLEASE CALL**



During the assembly process or while operating or maintaining your auger, if you have any questions, please call our Authorized Service Center at the toll free number listed above.

MAINTENANCE AND STORAGE**AUGER MAINTENANCE**

- ✓ The gear case has 4 oz. of grease installed at the factory.
- ✓ Keep all screws, nuts, and bolts tight.
- ✓ For cold weather operation, store the unit in a cool environment.
- ✓ Transferring the unit from a warm to a cold place can cause the buildup of harmful condensation.
- ✓ If blade performance decreases, turn unit off and disconnect spark plug wire. Carefully inspect cutting edge of blade for any signs of wear. If blades show any of these signs, they need to be sharpened or replaced.

ENGINE MAINTENANCE**COOLING FINS**

Cooling fins, air inlets and linkages must be free from any debris before each use.

AIR FILTER

Never run engine without air cleaner properly installed. Added wear and engine failure may occur if air cleaner is not installed on engine.

Service the air cleaner after 20 hours of operation or every 3 months of use.

CLEAN FILTER DAILY IN EXTREMELY DUSTY CONDITIONS!

**IMPORTANT**

NEVER TWIST AIR FILTERS WHEN CLEANING. ALWAYS PRESS!

STEPS FOR CLEANING RING STYLE FOAM FILTER

SEE PARTS EXPLOSION ON PAGE 16

1. Wash in warm water with mild soap until dirt and debris are removed. Press filters when washing, do not twist.
2. Rinse in warm water until soap and dirt are removed.
3. Dry filter by wrapping in a clean cloth and pressing filter until it is dry.
4. Apply oil to the entire filter.
5. Remove excess oil.
6. Attach the filter and air cleaner cover to the engine.