

# TORO

Part NO. 66-7990

## INSTALLATION INSTRUCTIONS

### 110 VOLT STARTING KIT

#### PREPARATION

1. Disconnect wire from spark plug.
2. Some models have an additional casting installed in the starter motor location. This must be removed before the starter can be installed (Fig. 1). Remove (2) M8 flange nuts and ignition module bracket. Remove and discard casting. Set flange nuts aside for later use.

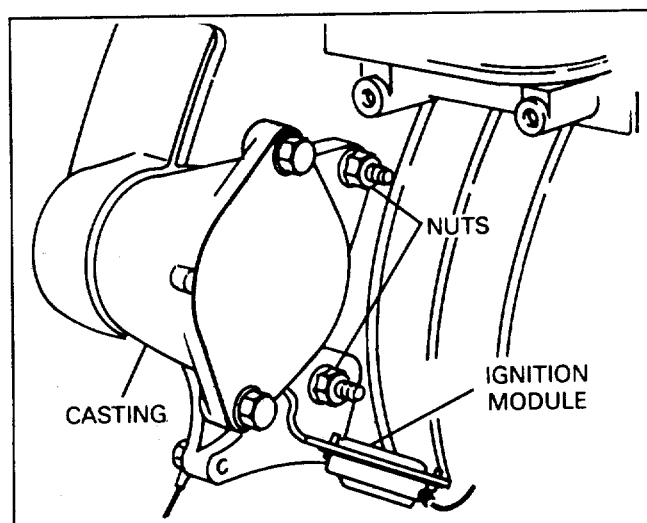


Figure 1

3. For models without an additional casting in the starter mount location, remove (2) M8 flange nuts securing pinion cover to engine. Remove and discard cover (Fig. 2). Set flange nuts aside for later use.

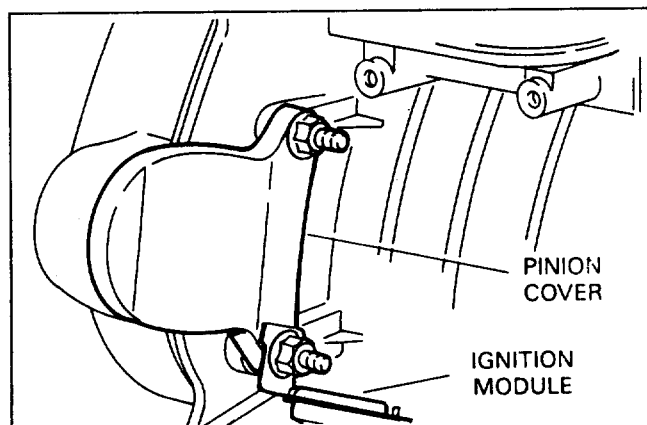


Figure 2

#### INSTALL KIT

1. Place starter assembly and kit parts on a workbench. Align starter box bracket holes with starter box mount holes. Install and tighten (2) 10-24 x 1" lg. hex head screw and locknuts in left hand mount holes (Fig. 3). Set the third screw and locknut aside for later assembly.

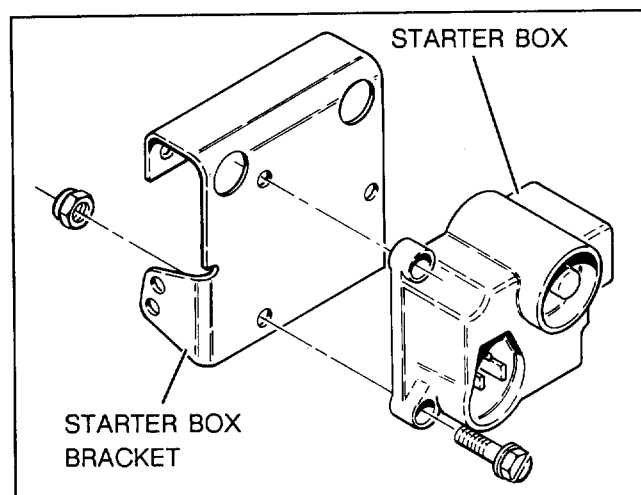


Figure 3

2. Fit (2) R-clamps over the starter cable, loop the cable inside the starter box bracket, insert an M6 x 16mm lg. screw in each R-clamp and through a bracket mount hole. Mount and secure the bracket to the engine with the (2) M6 x 16mm screws (Fig. 4).

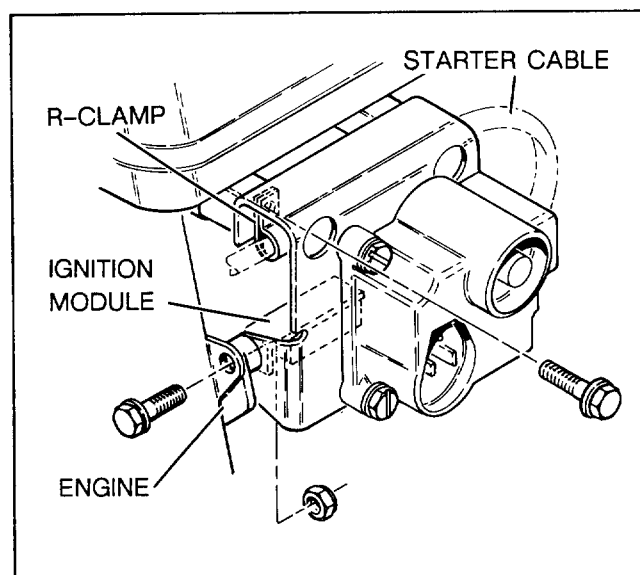


Figure 4

NOTE: Make sure bend in left side of bracket is flush against flange of engine block before tightening the screws.

3. Insert an M6 x 16mm screw through the hole in the side of the engine block and side hole of the starter box bracket. Install the ignition module and bracket over the screw and secure the assembly with an M6 flange nut (Fig. 4). Ensure the starter cable is fitted in the slot in the ignition module bracket before tightening the nut.

4. Insert the remaining 10-24 x 1" lg. starter box mount screw into the starter box and bracket, slip the R-clamp on the ignition module wire over the screw and secure with a 10-24 locknut.

5. Mount starter motor assembly to engine and secure with (2) M8 flange nuts (Fig. 5).

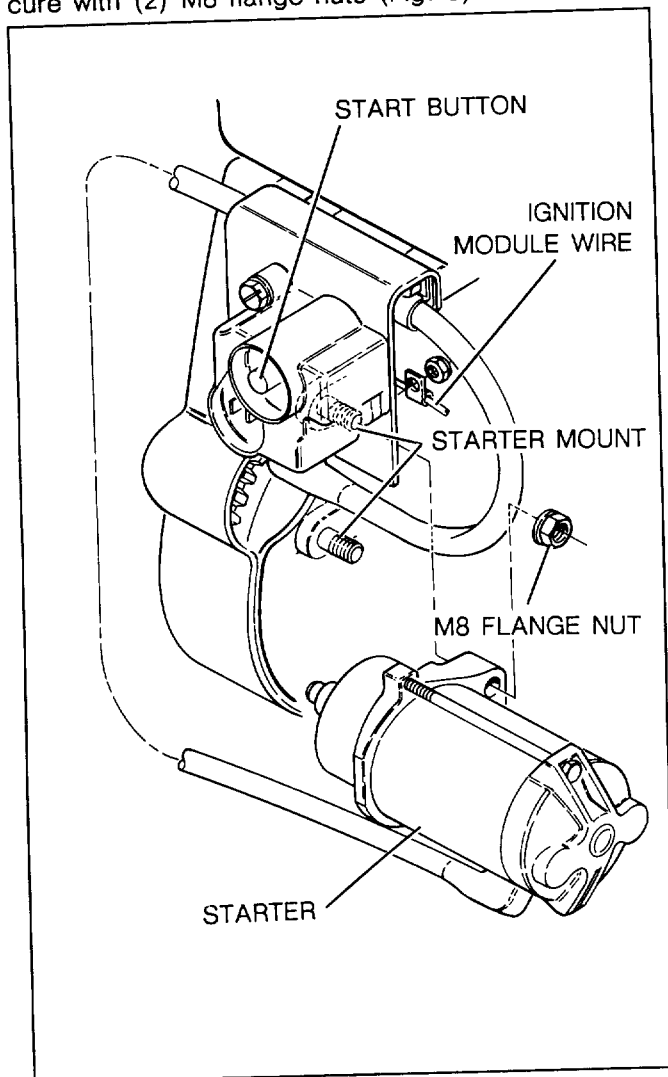


Figure 5

6. Reconnect the spark plug wire.

## STARTING INSTRUCTIONS

USE ONLY THE CORD SUPPLIED WITH KIT TO START SNOWTHROWER. FAILURE TO OBSERVE INSTRUCTIONS MAY RESULT IN ELECTRIC SHOCK.

1. Connect female end of the 10' starter cord to starter box and male end of cord to a 110 volt electrical (grounded) outlet.

2. Place all controls in neutral position. Place throttle control in the start position, turn ignition switch to ON, choke engine as required and press start button to start snowthrower.

3. When snowthrower has started release button, disconnect starter cord from starter box and outlet.



### CAUTION

Plug starter cord only into outlet which is grounded type.

Do not plug starter cord into outlet while standing in water or when hands are wet.

Do not use or connect cord to starter control if gasoline has been spilled on starter motor.

Always replace damaged starter cord immediately.

If there is any doubt whether your receptacle is of a grounded type contact your local power company.