

Cylinder Modification/Armature Replacement

If the armature does not fit between the posts on the cylinder, some modifications to the cylinder and blower housing will be necessary.

Cylinder Modification

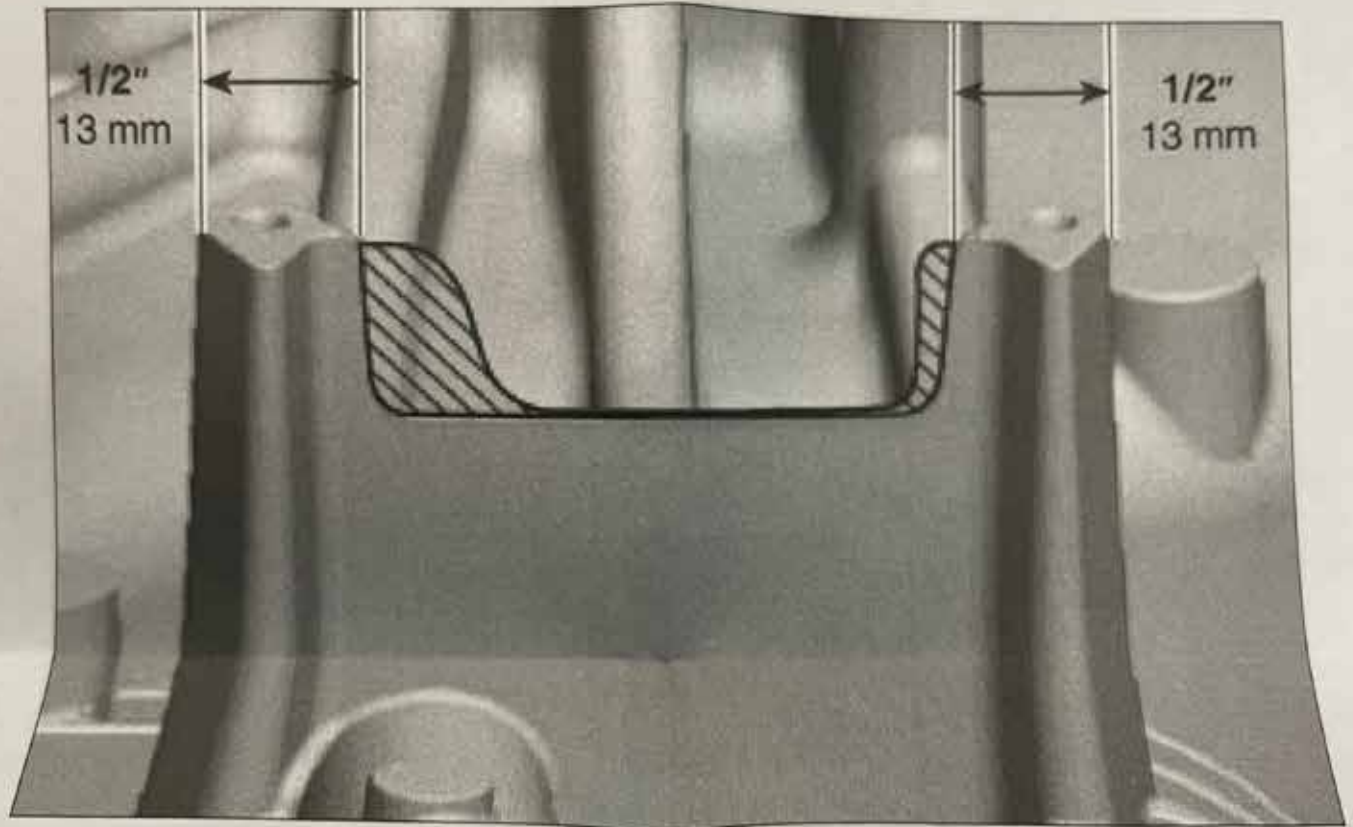


Figure 1

Using a file or hand-held grinder, remove the material in the shaded area (Figure 1), leaving the 1/2" (13 mm) posts as shown. File all edges smooth and round off the inside and outside corners.

Install the new armature, screws and washers. Torque the screws to 25 lb-in (2.8 Nm).

Blower Housing Modification

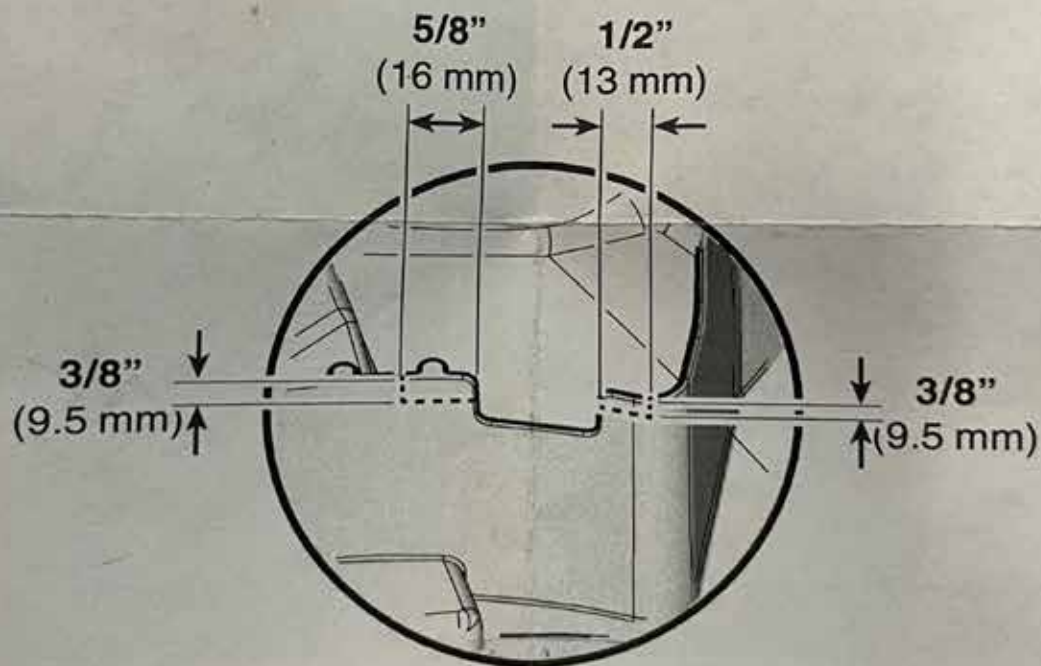
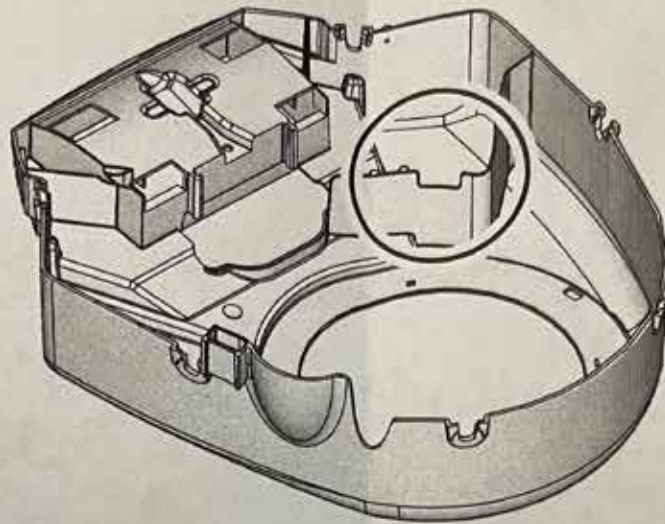


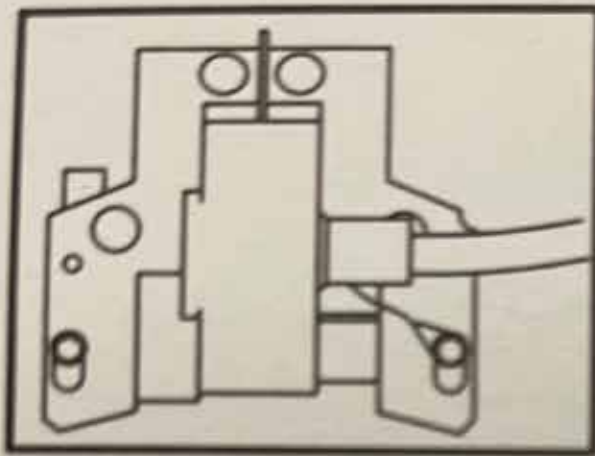
Figure 2

Remove a $3/8'' \times 5/8''$ (9.5 mm x 16 mm) section and a $3/8'' \times 1/2''$ (9.5 mm x 13 mm) section from the blower housing as shown in Figure 2.

Install the blower housing and torque the screws to 80 lb-in (9 Nm).

ARMATURE INSTALLATION INSTRUCTIONS

Two Leg Armature



Use this instruction tag, MS-1342, (.010"/.25mm) between the flywheel and armature.

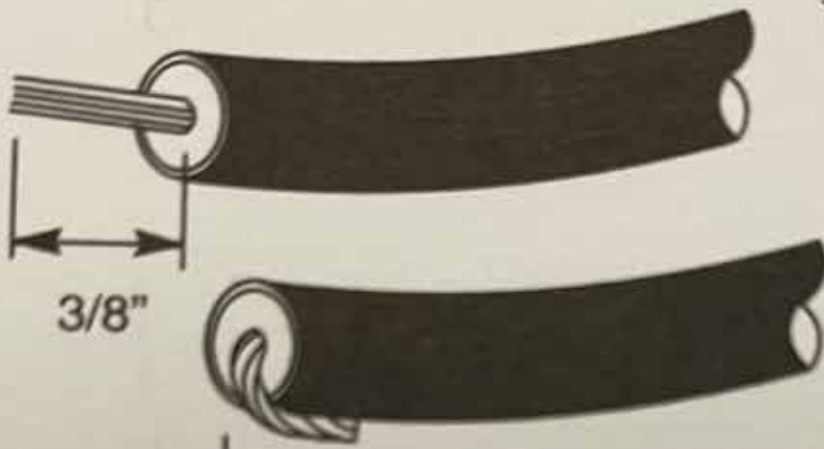
1. Rotate flywheel until magnets are opposite armature mounting area. Install armature loosely.
2. Pull armature away from flywheel. Lightly tighten mounting screws
3. Rotate flywheel until magnets are below armature legs. Insert proper tag(s) between armature and flywheel.
4. Loosen armature screws. This allows magnet to pull armature legs onto tag(s).
5. Tighten armature mounting screws.
6. Rotate flywheel to remove tag(s).

If ignition cable terminal is not attached, see other side for installation procedure.

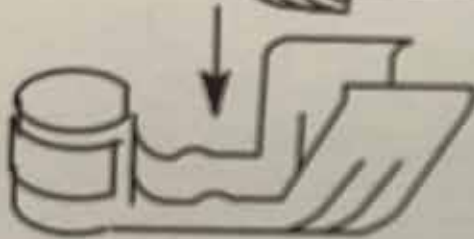
Tag Thickness .010"/.25 mm

ATTACHING IGNITION CABLE TERMINAL

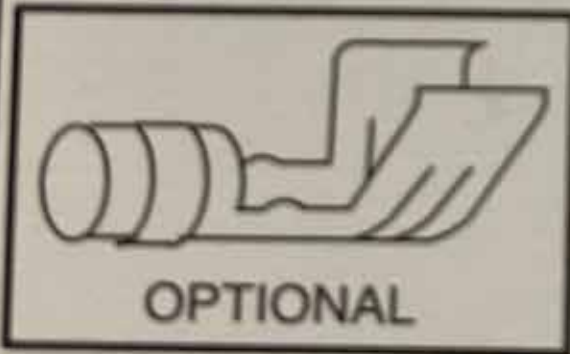
IF NECESSARY, CUT CABLE TO DESIRED LENGTH TO REACH SPARK PLUG. DO NOT CUT TOO SHORT.



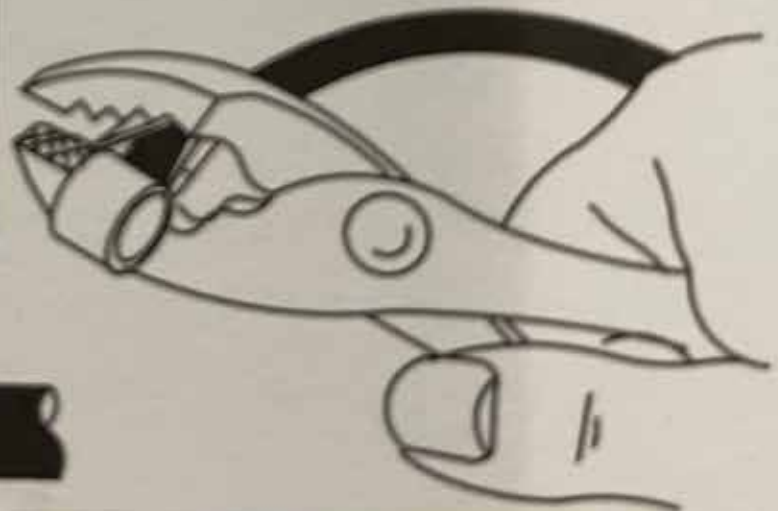
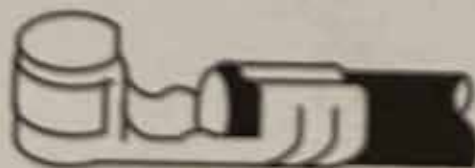
1. STRIP 3/8" OF INSULATION FROM END. TWIST WIRE AND FOLD BACK AS SHOWN



2. PLACE WIRE AGAINST TERMINAL AND FOLD WINGS OF TERMINAL OVER WIRE. CLINCH TIGHT.



OPTIONAL



Tag Thickness .010"/.25 mm