

## REPLACING MAGNET

The magnet replacement kit includes the magnet with the detent ring in position, the follow-up spring, and a new grommet.

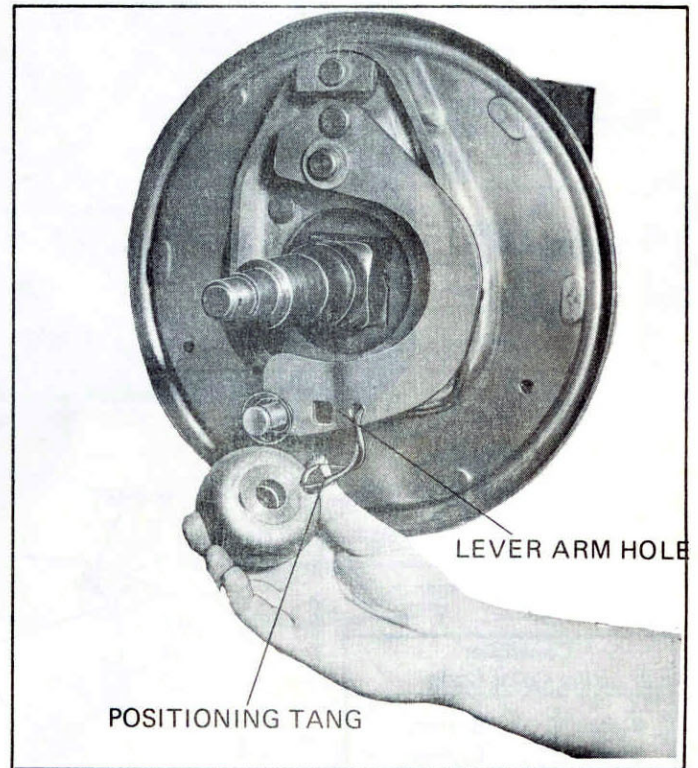
1. The brake shoes must first be removed in order to gain access to the magnet lead wires.

The magnet is retained on the lever stud with a detent ring located in the inside diameter of the magnet. The magnet can be removed by pulling outward with a rocking motion.

2. Notice the position of the grommet in the backing plate. This grommet is removed by gripping it with a pair of pliers and compressing sufficiently to work it out of the hole.

The following steps describe the installation of a new magnet.

1. Place the new spring on the stud with the large end out.
2. Push the new magnet on the stud with sufficient force to make the detent ring snap over the ridge on the end of the stud.
3. Make sure the positioning tang enters the hole in the lever arm, and that the tang is between the leads as shown.
4. Thread the leads through the round hole in the lever arm.



## MEASURING GROMMET POSITION

1. The grommet is a right angle locking type. Lock the grommet on the leads in a position such that the wires enter from the bottom when in place, and with the back side of the grommet approximately 5-3/4" from the far side of the hole in the lever arm as shown. This will provide the proper amount of slack in the leads. Thread the leads through the hole in the backing plate and insert the grommet.
2. Connect the leads with good quality insulated crimp type connectors to the main circuit and tape the wires to the axle, preferably on the back side to avoid damage.
3. Replace shoes and drum and check adjustment as explained in step 5, Installation Instructions.

