

ELECTRIC STARTER CHANGES - ELECTRA GLIDE

Prestolite starter motor ball bearings now incorporate a Teflon seal to reduce the possibility of corrosion due to moisture working into the bearing grease. Plain shielded ball bearings were formerly used.

Along with this change, drainage passages were added to the starter shaft housing containing the Bendix gear to allow any accumulation of moisture to drain away from the starter motor pinion and bearings.

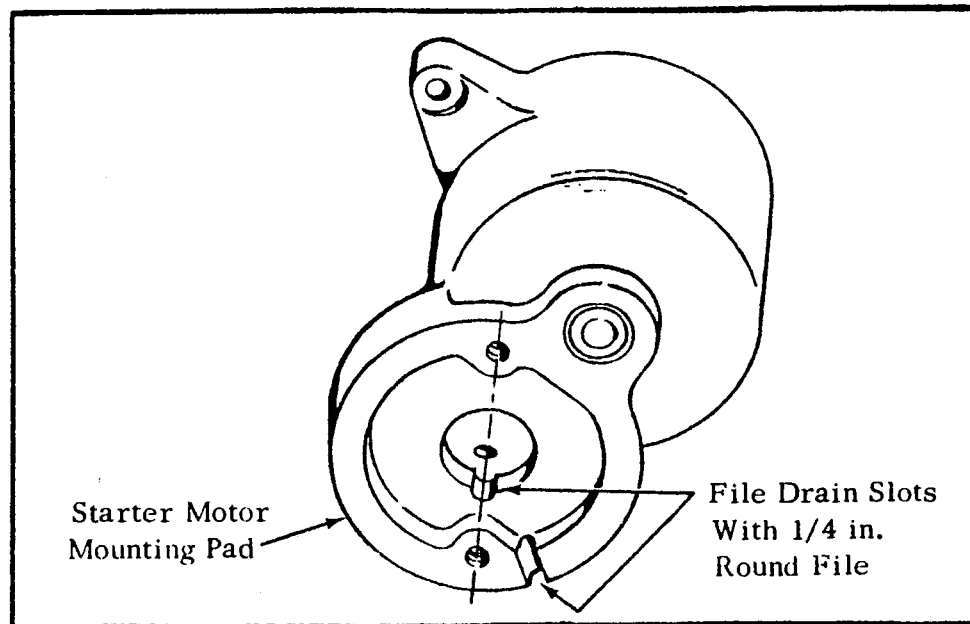
In cases where rusting and dirt or moisture is found in starter motor or housing the following corrections are recommended:

1. If starter motor failure has occurred, rebuild old starter motor using new sealed ball bearings, part No. 31539-66 which have "Hoover 99R12" marked on bearing -- or use new parts order starter motor, part No. 31455-64A, which is identified with "Model No. 66A" stamped on outside of housing.

Note: The Prestolite starter motor is described in Service Bulletin No. 536.

If Delco-Remy starter motor is being serviced, see that 3/16 inch diameter drain holes are drilled in bottom of housing approximately 1 inch in from end cover faces. These holes should be located in space between field coils. Use caution to avoid damaging field windings.

2. Cut drainage slots in starter housing located as shown in sketch below. The 1/4 inch wide x 1/4 inch deep slots can be easily filed in the aluminum material with a 1/4 inch diameter rat tail file.



3. Clean and examine starter shaft parts carefully including shaft, gears and O-ring seal part No. 11101 in starter shaft deflector plate part No. 60516-65A. Replace seal if worn or damaged and be sure shaft surface which runs on seal is smooth. If shaft is rough, polish in a lathe with fine emery cloth until perfectly smooth. Be careful to remove only enough material to produce smooth finish because O-ring must stretch over shaft to maintain a sealed chain housing.

Examine shaft needle bearings and clean and repack with grease. If Delco-Remy motor is being serviced, examine drive end bushing for wear and saturate bushing with oil.

Note: Further information on chain housing seal and vent parts is given in Service Bulletin No. 538A.