

Install Front Bearing

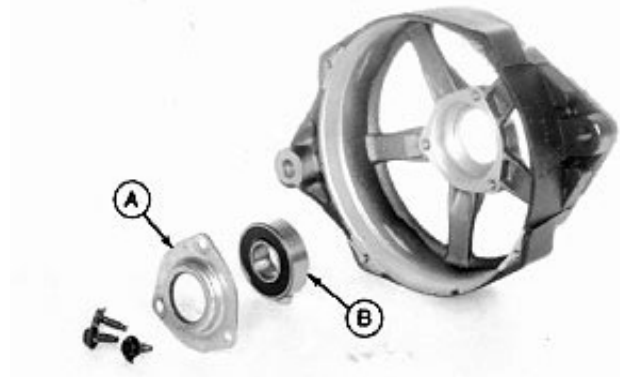
Bearing may be reused if not damaged.

1. Clean bearing and fill it 1/4 full with Delco-Remy Lubricant No. 1948791 before assembly. Do not overfill.

NOTE: Lubrication is not required on sealed bearings.

2. Install bearing (B).

A—Bearing Retainer
B—Bearing



Install Front Bearing

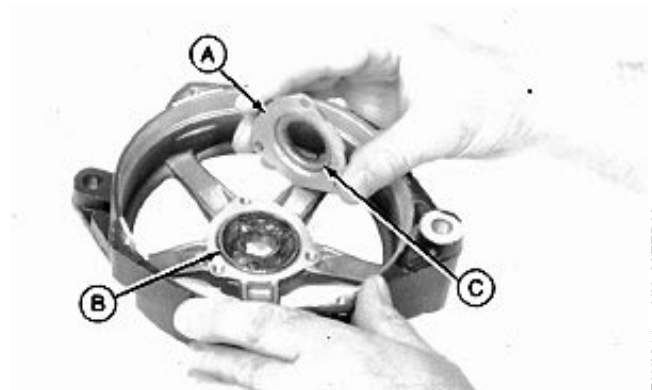
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3. Fill cavity between retainer plate (A) and bearing (B) with Delco-Remy No. 1948791 Lubricant.
4. If felt seal (C) is hardened or worn, replace seal and retainer.

A—Retainer Plate
B—Bearing
C—Felt Seal



Replace Retainer

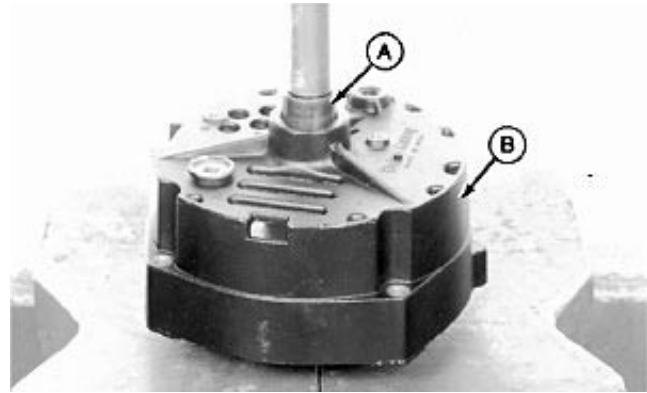
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Remove and Install Rear Bearing

1. Replace rear bearing (A) if defective or its grease supply is exhausted. Do not relubricate.
2. Support housing (B) near bearing diameter with a 1-1/4 in. socket and press bearing to inside.
3. Press new bearing in until flush with housing.

NOTE: If seal is separate from bearing, install a new seal whenever bearing is replaced. Install seal with lip of seal toward rotor when assembled. Coat seal lip with oil when installing rotor shaft.



Rear Bearing

A—Rear Bearing
B—Support Housing

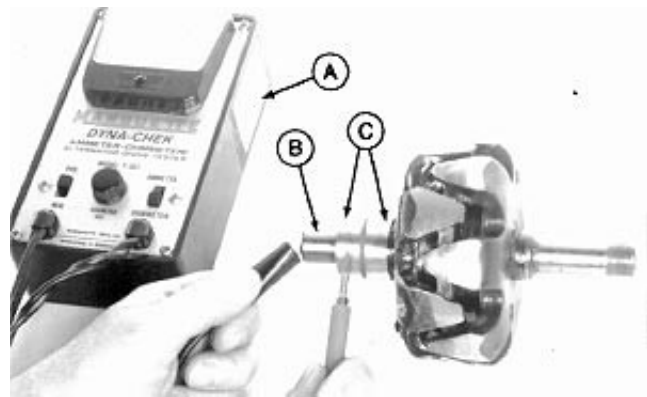
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Test Rotor for Grounds

1. Use an ohmmeter (A) or test lamp to test for continuity.
2. Attach ohmmeter to rotor shaft (B) and each slip ring (C).
3. Replace rotor if test shows continuity.

A—Ohmmeter
B—Rotor Shaft
C—Slip Ring



Test Rotor for Grounds

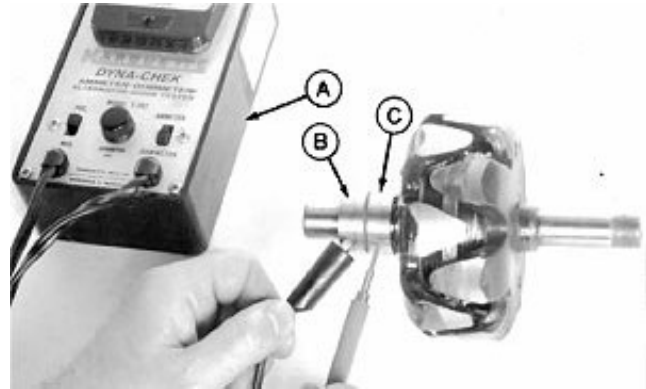
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Test Rotor for Open Circuit

1. Use ohmmeter (A) (or test lamp) to test for continuity from one slip ring (B) to the other (C).
2. If test does not show continuity, replace rotor.

A—Ohmmeter
B—Slip Ring
C—Slip Ring



Test Rotor for Open Circuit

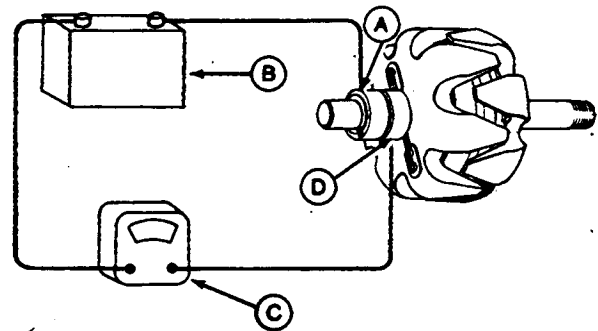
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Test Rotor for Short Circuit

1. Connect slip ring (A) to one terminal of 12-volt battery (B).
2. Connect ammeter (C) to other terminal of battery and slip ring (D).
3. Current draw should be 4.0—4.5 amps at 12 volts. Excessive current draw indicates a short circuit. Replace rotor if current draw exceeds 5.0 amps.



Test Rotor for Short Circuit

A—Slip Ring
B—12-Volt Battery
C—Ammeter
D—Slip Ring

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