

DISASSEMBLY AND ASSEMBLY (Continued)

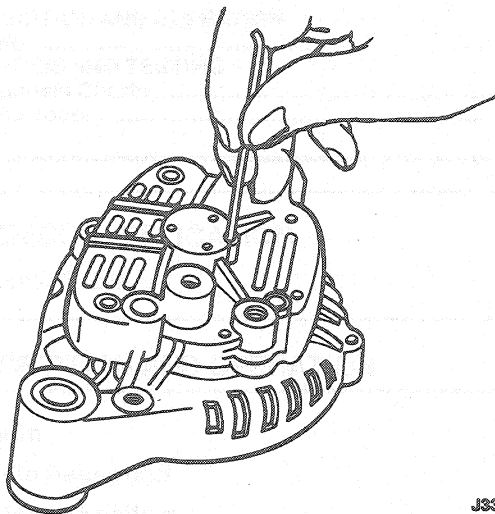
6. Check the pulley and fan for excessive looseness on the rotor shaft and for cracks or other damage. Replace any pulley or fan that is loose, cracked or bent out of shape.
7. Check both the front and rear housings for cracks, particularly in the webbed areas at the mounting ear. Replace a damaged or cracked housing.
8. Replace the brushes if they are at or are worn shorter than the wear limit line, 8mm (0.30 inch).

Assembly

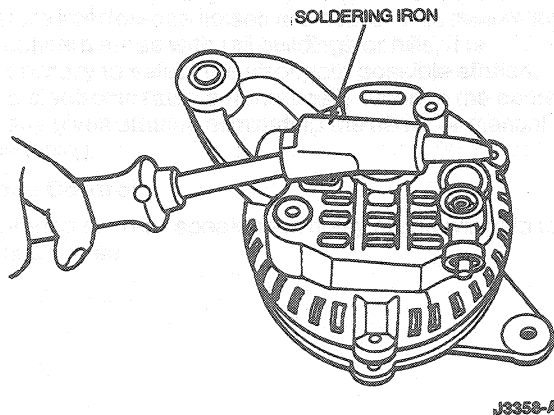
Assembly is in the reverse order of disassembly. There is no lubrication required. Tighten generator assembly through bolts to 4.0-6.7 N-m (35-59 lb-in). Tighten generator pulley locknut to 82-135 N-m (60-100 lb-ft).

1. Before assembly, push the brush into the brush holder and pass a wire (2 mm, 40-50mm (0.08 inch, 1.6-2 inch)) through the hole shown to secure the brush in position.

NOTE: Be sure to pull the wire out after the assembly is completed.



2. When the rear bearing is pressed into the rear bracket, heat the bracket before pressing it in.



3. After assembly is completed, rotate the pulley manually and check that the rotor turns easily.

ADJUSTMENTS

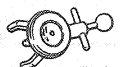
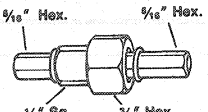
Refer to Section 03-05 for drive belt adjustments.

SPECIFICATIONS

TORQUE SPECIFICATIONS

Description	N-m	Lb-Ft
Generator Front Mounting Bolts	48-72	36-53
Generator Rear Mounting Bolts	34-50	26-36

SPECIAL SERVICE TOOLS

Tool Number / Description	Illustration
T63L-8620-A Belt Tension Gauge	 T63L-8620-A
T65P-10300-B Generator Pulley Remover	 T65P-10300-B

Tool Number	Description
D80L-1002-L	Bearing Puller

ROTUNDA EQUIPMENT

Model	Description
007-00001	Digital Volt Ohmmeter
021-00019	Belt Tension Gauge
059-00010	Dwell-Tach-Volts Ohms Tester
078-00005	Starting and Charging Tester (VAT-40)