Model: 3512 INDUSTRIAL ENGINE 1LM Configuration: 3512 Engine 1LM00001-UP

## Disassembly and Assembly 26SI Series Alternator

Media Number -RENR1252-01

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i01167081

## **Alternator - Disassemble**

**SMCS - 1405-015** 

## **Disassembly Procedure**

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	6V-7070	Digital Multimeter	1
В		Variable Power Supply	1

## Start By:

A. Remove the alternator. Refer to Disassembly and Assembly, "Alternator - Remove" for the machine that is being serviced.

**Note:** Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

 $1. \ \, \text{Remove the pulley nut, the washer, the pulley, and the fan.}$ 



Illustration 1 g00627790

2. Remove 4 screws (1). Remove plate (2).

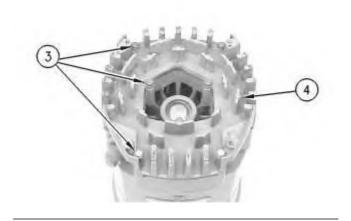


Illustration 2 g00627792

3. Remove 7 screws (3). Remove cover (4).



Illustration 3 g00627794

4. Remove gasket (5).

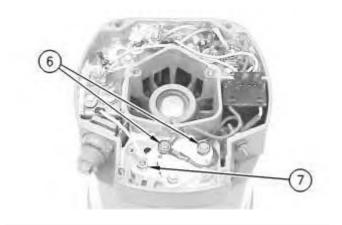


Illustration 4 g00627796

5. Remove 2 insulated screws (6). Remove the 3 leads.

**Note:** The regulator and the mounting plate are coated with dielectric grease. If the grease is removed, reapply the grease.

6. Remove nut (7).

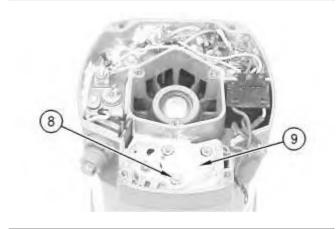


Illustration 5 g00627804

- 7. Remove grounded mounting screw (8).
- 8. Remove regulator (9).

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