



# Service Repair Manual

## **Models**

# 963 TRACK LOADER

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Product: TRACK LOADER

Model: 963 TRACK LOADER 48Z

Configuration: 963 TRACK TYPE LOADER 48Z00001-UP (MACHINE) POWERED BY 3304 ENGINE

## Disassembly and Assembly 26SI Series Alternator

Media Number -REN1252-01

Publication Date -01/10/1999

Date Updated -09/10/2001

i01167078

### Alternator - Assemble

SMCS - 1405-016

### Assembly Procedure

**Note:** Cleanliness is an important factor. Before assembly, all parts should be thoroughly cleaned in cleaning fluid. Allow the parts to air dry. Wiping cloths or rags should not be used to dry parts. Lint may be deposited on the parts which may cause later trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement.

**Note:** Do not strike the diodes. The shock of such an impact can damage the diodes. Use proper tools in order to press the diodes in the mountings.

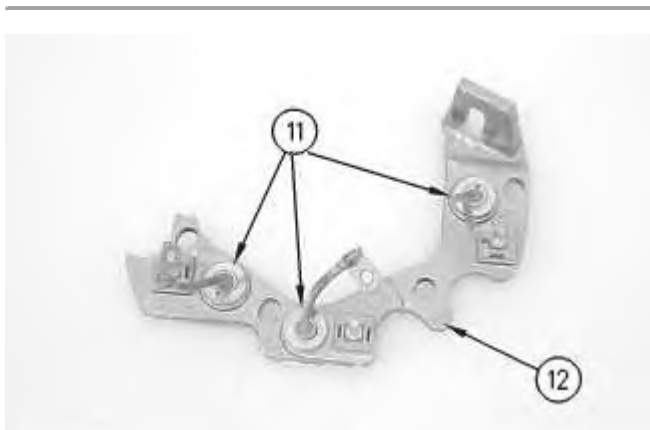
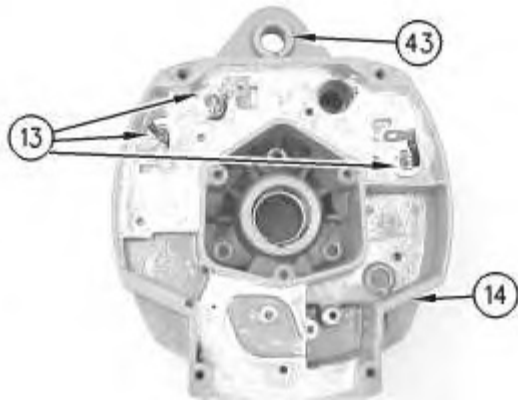


Illustration 1

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1. Install 3 diodes (11) in heat sink (12) .
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Illustration 2

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**Note:** Do not strike the bushing. Shocks from striking the housing can cause damage.

2. Press bushing (43) in housing (14) .
3. Install 3 diodes (13) in housing (14) .

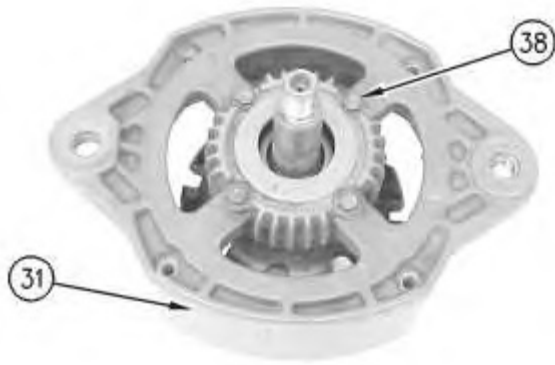


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Illustration 3

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4. Press collar (42) on rotor (39) .
  5. Slide retainer (41) on rotor (39) .
  6. Press bearing (40) on rotor (39) .
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Illustration 4

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7. Press housing (31) on rotor (39) and bearing (40) .
8. Install 4 screws (38) in housing (31) .



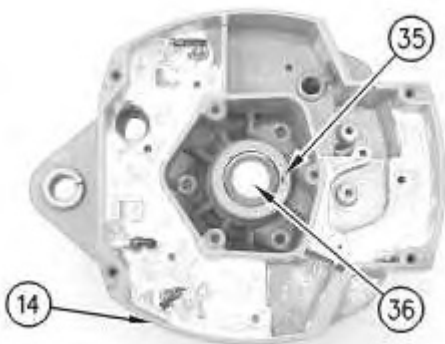
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Illustration 5

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**Note:** Do not strike the bearing. Shocks from striking the housing can cause damage.

9. Install the inner race. Press bearing (37) into the housing.



10. Press cap (36) in housing (14) .

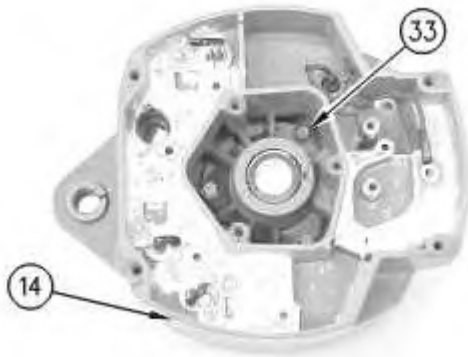


Illustration 7

11. Install the coil and support (34) in housing (14). Guide the field leads and the grommet through the hole as the coil is installed in housing (14). Install 3 screws (33) .



Illustration 8

12. Press the stator (32) and housing (14) together. Guide the stator leads and the grommet through the hole as the stator is installed in housing (14) .
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