



Service Repair Manual

Models

D4E TRACK TRACTOR

Product: TRACK-TYPE TRACTOR

Model: D4E TRACK-TYPE TRACTOR 77W

Configuration: D4E TRACTOR / POWER SHIFT / 77W01664-UP (MACHINE) POWERED BY 3304 ENGINE

Disassembly and Assembly Alternator - Bosch K1/N1

Media Number -SEN3685-02

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i05060896

Alternator - Disassemble

SMCS - 1405-015

Disassembly Procedure

Start By:

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

Note: The Disassembly and Assembly that follows is of a K1, 12V 7T-2876 Charging Alternator Gp. The other alternators are similar.

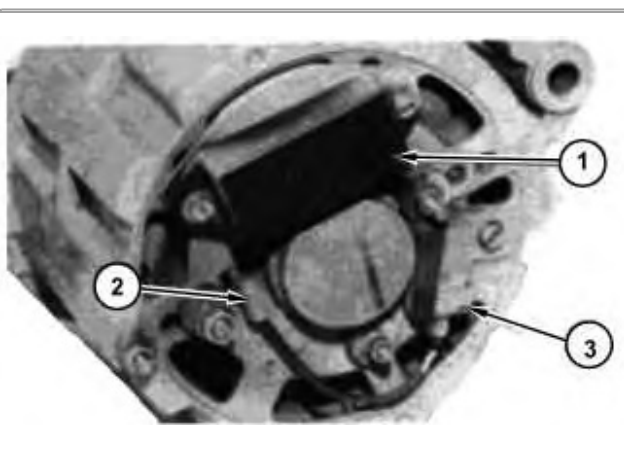


Illustration 1

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- (1) Regulator
- (2) Capacitor lead
- (3) Capacitor

1. Remove the two screws and regulator (1) .

2. Disconnect capacitor lead (2) from the back of the alternator. Remove the screw and capacitor (3) .

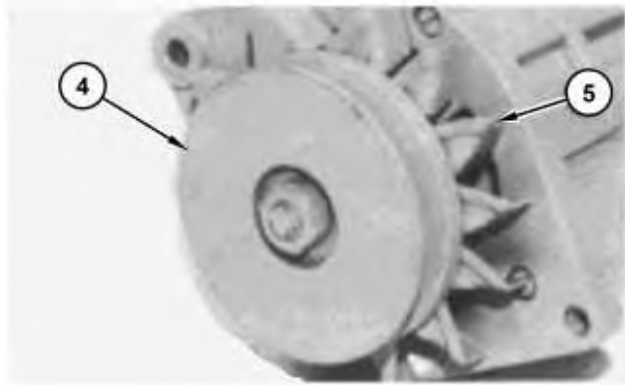


Illustration 2

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(4) Pulley

(5) Fan

3. Remove the pulley nut, washer, pulley (4), fan (5), and the key from the rotor shaft.

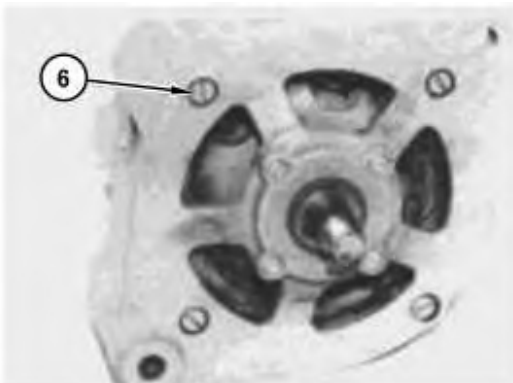


Illustration 3

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(6) Screws

4. Mark the front and rear frame assemblies for proper assembly. Remove four screws (6) (one has a nut on it on the back of the alternator).
 5. Separate the front frame and rotor assembly from the rear frame and stator assembly. Watch for the wave washer, at the back of the rear frame assembly, to fall out.
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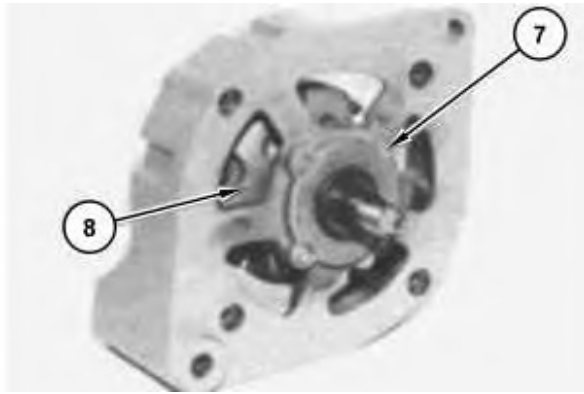


Illustration 4

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(7) Screws

(8) Rotor

6. Remove four screws (7), and rotor (8) from the front frame.

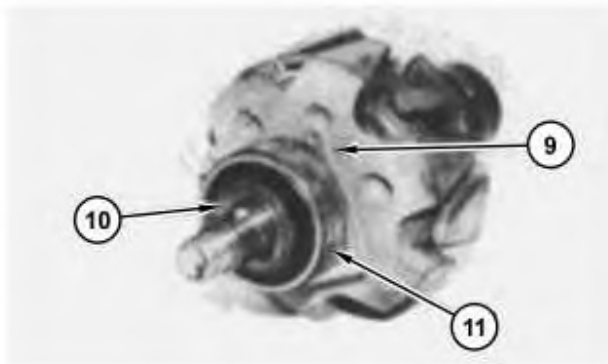


Illustration 5

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(9) Bearing cover

(10) Spacer

(11) Front bearing

7. Remove spacer (10), and front bearing (11), with a suitable puller. Remove bearing cover (9) from the rotor (8) .

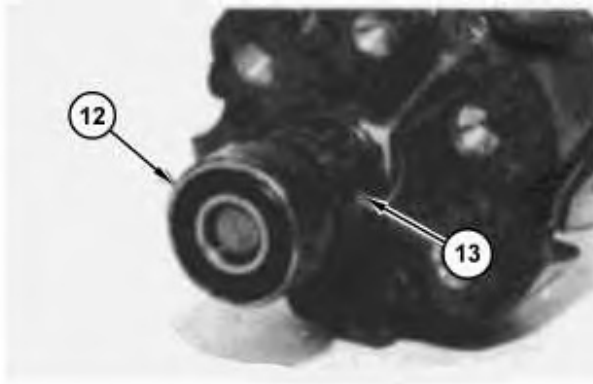


Illustration 6

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(12) Rear bearing

(13) Slip ring

8. Remove the rear bearing (12) with a suitable puller. Unsolder both rotor winding leads from slip ring (13). Remove slip ring (13) with a suitable puller.

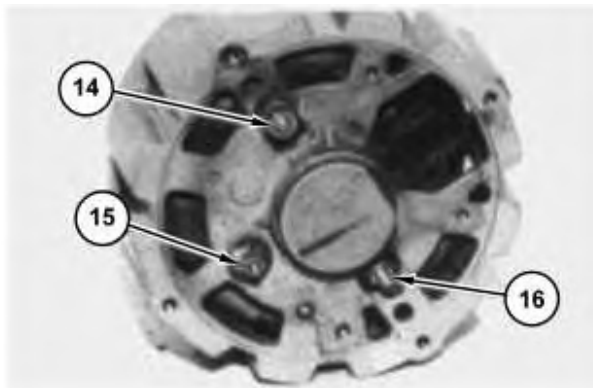


Illustration 7

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(14) terminal nuts

(15) terminal nuts

(16) terminal nuts

9. Remove terminal nuts (14), (15), and (16). Remove all of the washers and insulators.
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