CATERPILLAR®

Service Repair Manual

Models

320C and 320C L Excavator

Model: 320C EXCAVATOR ANB

Configuration: 320C & 320C L Excavators ANB00001-UP (MACHINE) POWERED BY 3066 Engine

Disassembly and Assembly 320C Excavator Machine Systems

Media Number -RENR3826-16

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i02333043

Actuator Motor (Air Distributor) - Remove and Install

SMCS - 7304-010-MQ; 7309-010-MQ; 7320-010-MQ

Removal Procedure

Start By:

a. Remove the storage box in the cab. Refer to Disassembly and Assembly, "Storage Box and Covers (Cab) - Remove and Install".

Removal Procedure of the Actuator Motor for the Air Damper for the Temperature Control

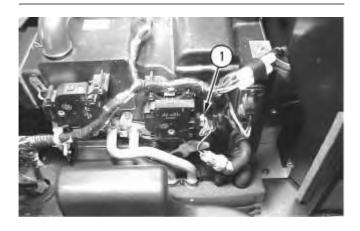


Illustration 1

g00699772

1. Disconnect harness assembly (1) from the actuator motor.

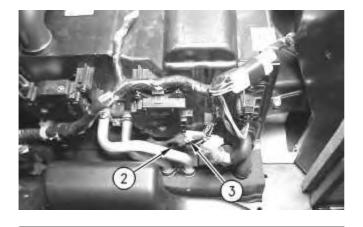


Illustration 2 g00699776

2. Remove screw (2) in order to disconnect linkage (3).

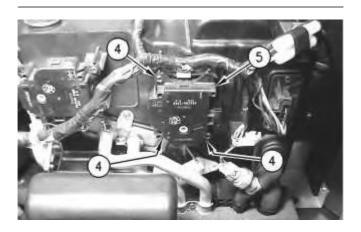


Illustration 3 g00699782

- 3. Remove screws (4) from the actuator motor.
- 4. Remove actuator motor (5).

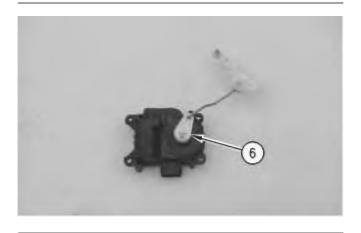


Illustration 4 g00699790

5. Remove linkage (6) from the actuator motor.

Removal Procedure of the Actuator Motor for the Front Air Damper

g00699809

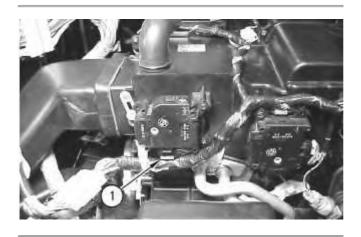


Illustration 5

1. Disconnect harness assembly (1) from the actuator motor.

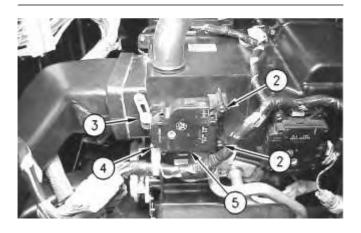


Illustration 6 g00699811

- 2. Remove screw (4). Remove the cable strap for the harness assembly.
- 3. Remove screws (2) from the actuator motor.
- 4. Remove actuator motor (5).

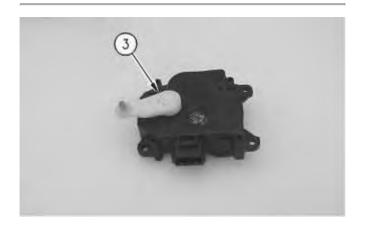


Illustration 7 g00699816

5. Remove linkage (3) from the actuator motor.

Removal Procedure of the Actuator Motor for the Fresh Air or Recirculated Air Damper

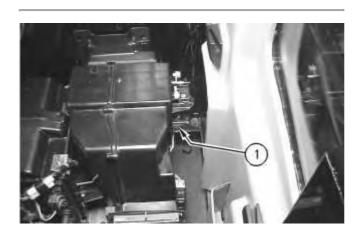


Illustration 8

g00699825

1. Disconnect harness assembly (1) from the actuator motor.

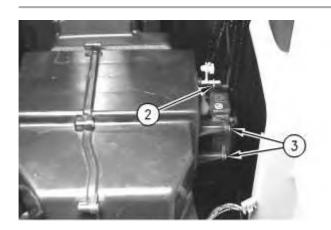


Illustration 9

g00699828

2. Remove screw (2) from the linkage.

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