Product: EXCAVATOR
Model: 320C EXCAVATOR AMC
Configuration: 320C & 320C L Excavators AMC00001-UP (MACHINE) POWERED BY 3066 Engine

Disassembly and Assembly
320C Excavator Machine Systems
Media Number -RENR3826-16 **Publication Date -01/11/2014** **Date Updated -30/03/2016**

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

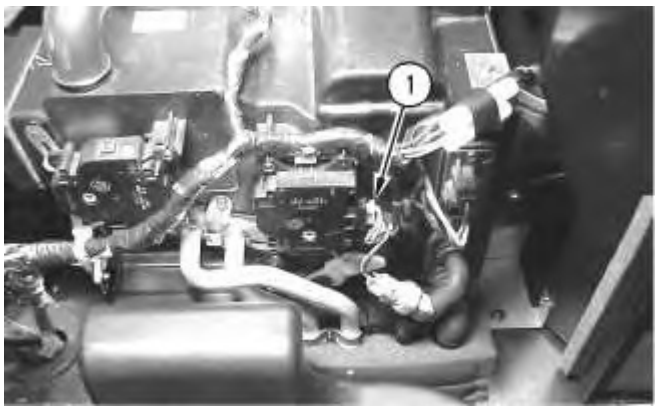

Illustration 1 g00699772

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

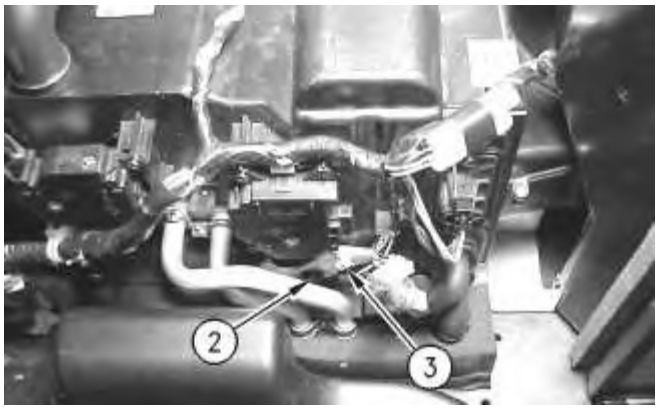

Illustration 2 g00699776

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

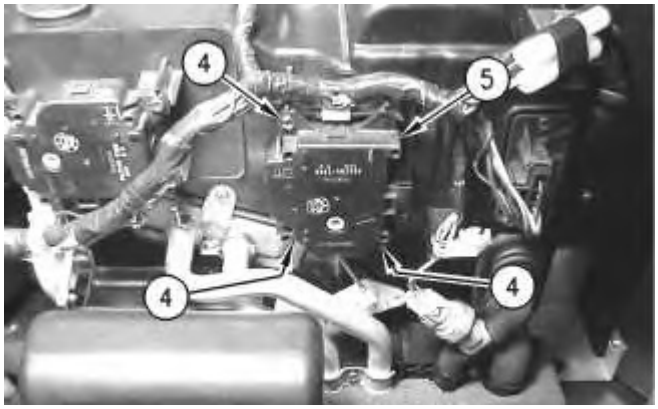

Illustration 3 g00699782

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

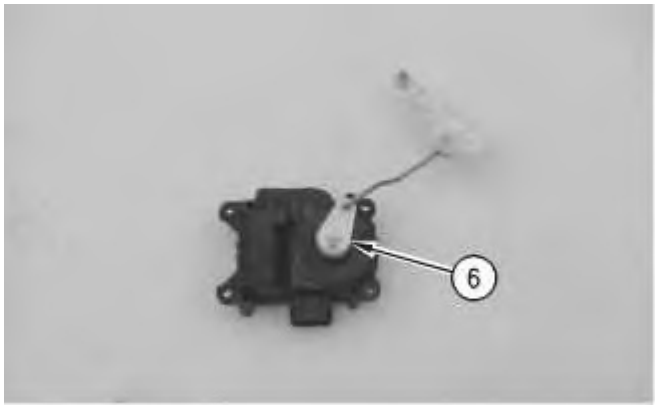

Illustration 4 g00699790

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

Removal Procedure of the Actuator Motor for the Front Air Damper

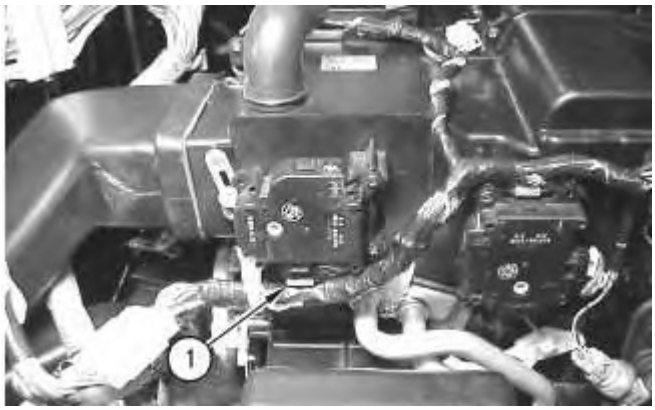

Illustration 5 g00699809

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

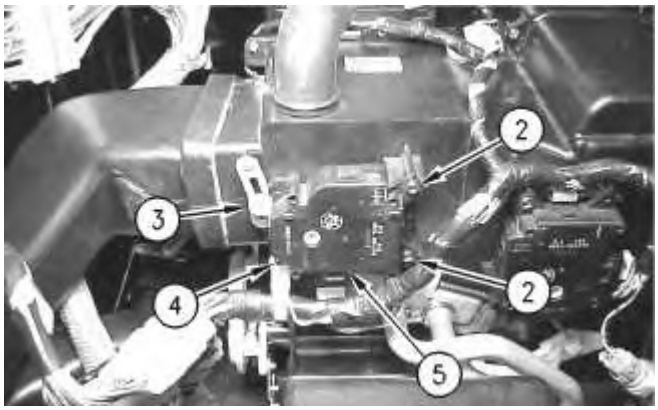

Illustration 6 g00699811

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).

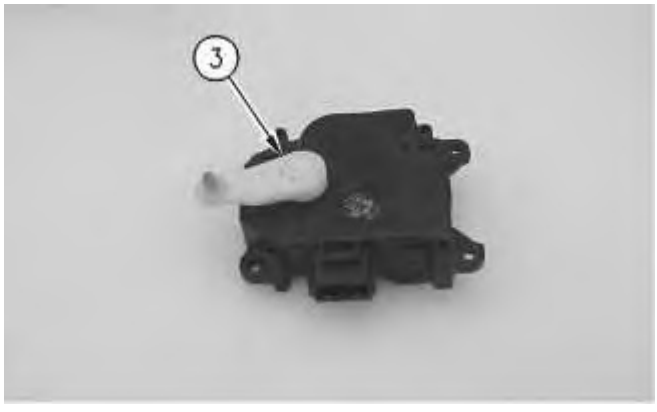

Illustration 7 g00699816

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

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

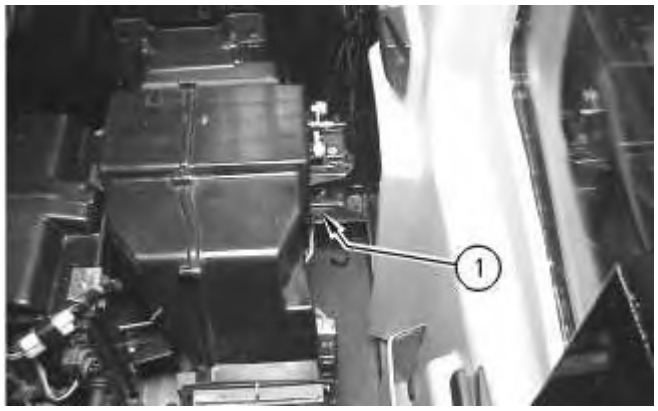

Illustration 8 g00699825

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

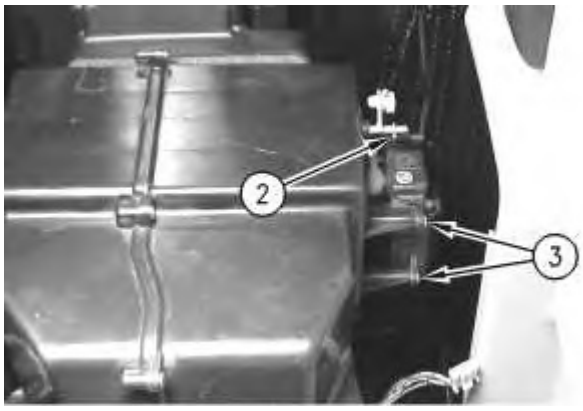

Illustration 9 g00699828

2. Remove screw (2) from the linkage.

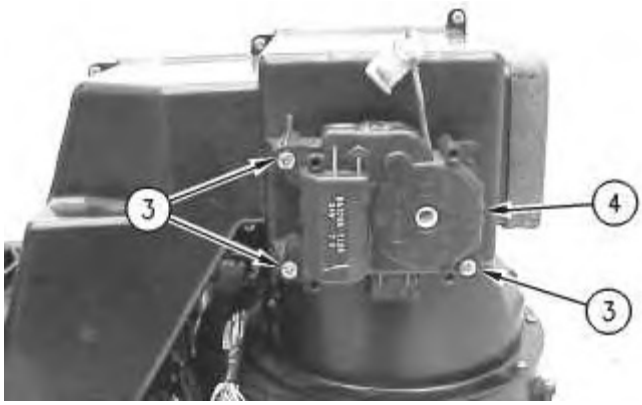

Illustration 10 g00699833

The heating and air conditioning unit is removed for photographic purposes.

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

Illustration 11 g00699850

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

Removal Procedure of the Actuator Motor for the Air Damper for the Rear Window Defroster

Illustration 12 g00699868

1. Remove air duct (1).

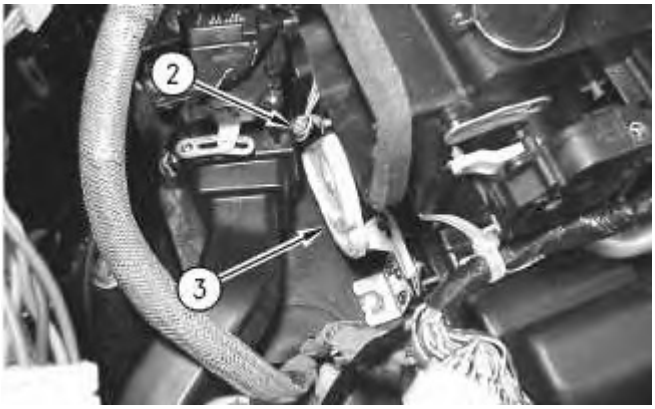

Illustration 13 g00700177

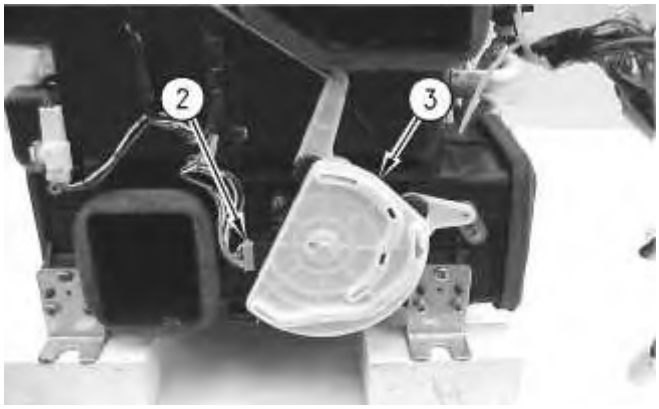

Illustration 14 g00699876

The heating and air conditioning unit is removed for photographic purposes.

2. Disconnect harness assembly (2) from the actuator motor.
3. Remove cam (3) from the actuator motor.

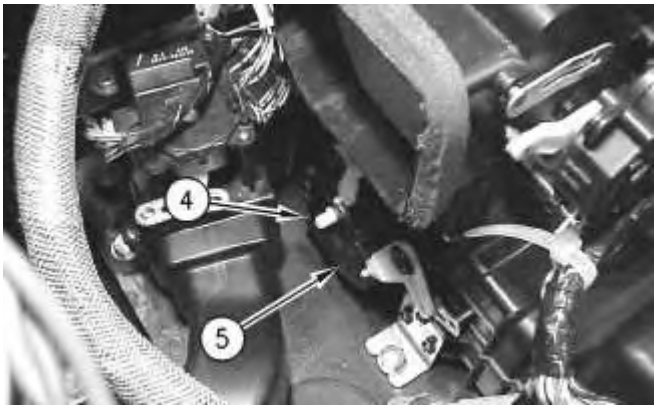

Illustration 15 g00700179

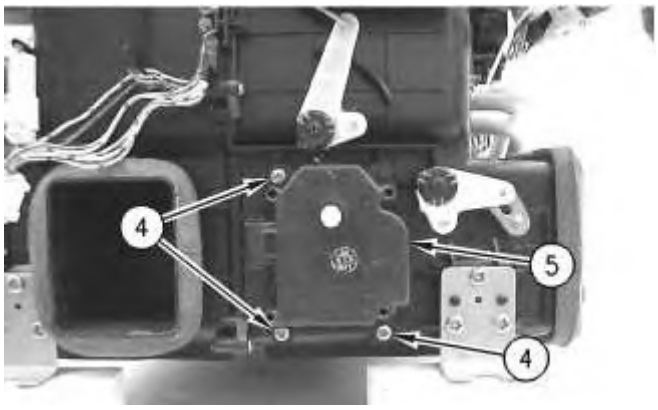

Illustration 16 g00699881

The heating and air conditioning unit is removed for photographic purposes.

4. Remove screws (4).
5. Remove actuator motor (5).

Removal Procedure of the Actuator Motor for the Air Damper for the Front Window

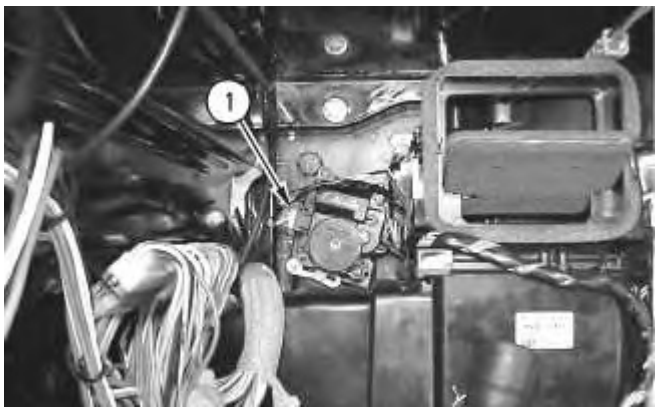

Illustration 17 g00699893

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

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