

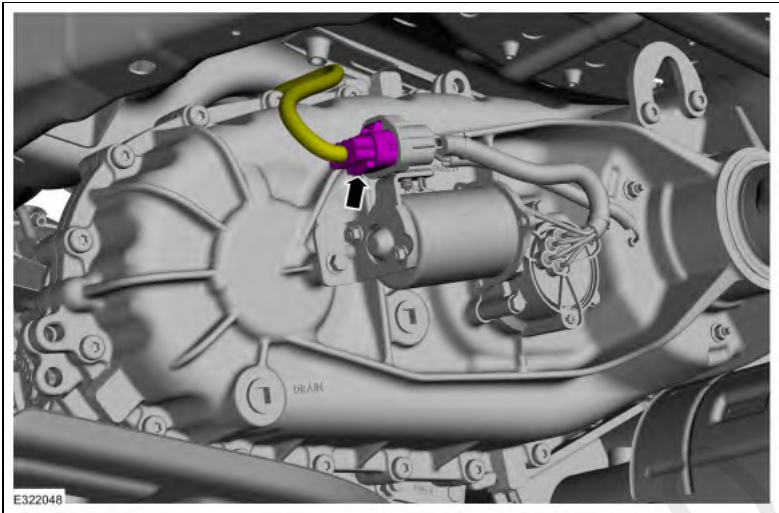
Transfer Case Shift Motor

Materials

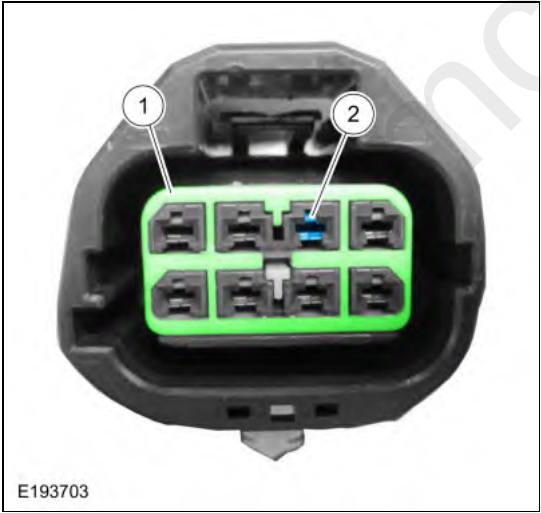
Name	Specification
Motorcraft® Ultra Silicone Sealant TA-29	-

Removal

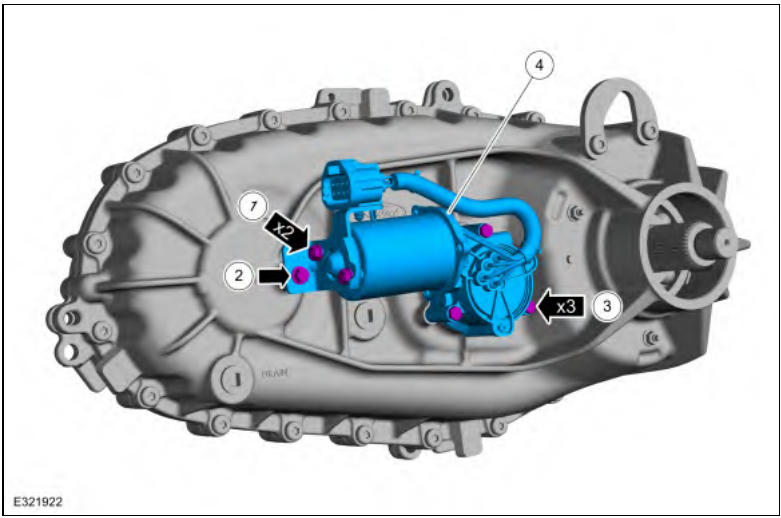
1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. Disconnect the harness connector.



3. Remove the coil wire pin from the electrical connector.
 1. Remove the inner retainer from the wire connector.
 2. Press the release tab and remove the coil wire pin.

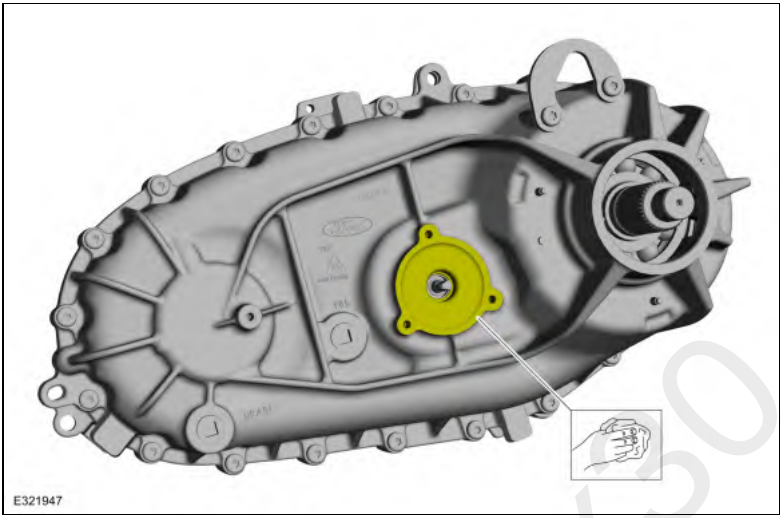


4.
 1. Loosen the transfer case shift motor bracket nuts.
 2. Remove the transfer case shift motor bracket bolt.
 3. Remove the transfer case shift motor bolts.
 4. Remove the transfer case shift motor.

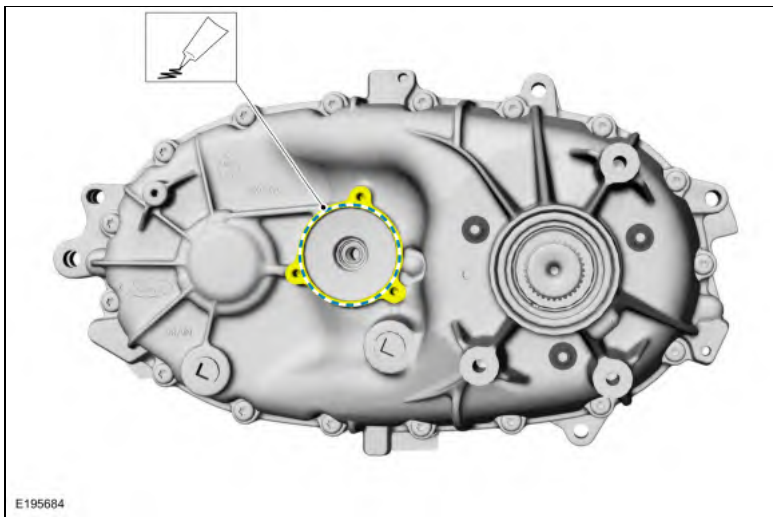


Installation

1. Clean the transfer case shift motor mating surface.

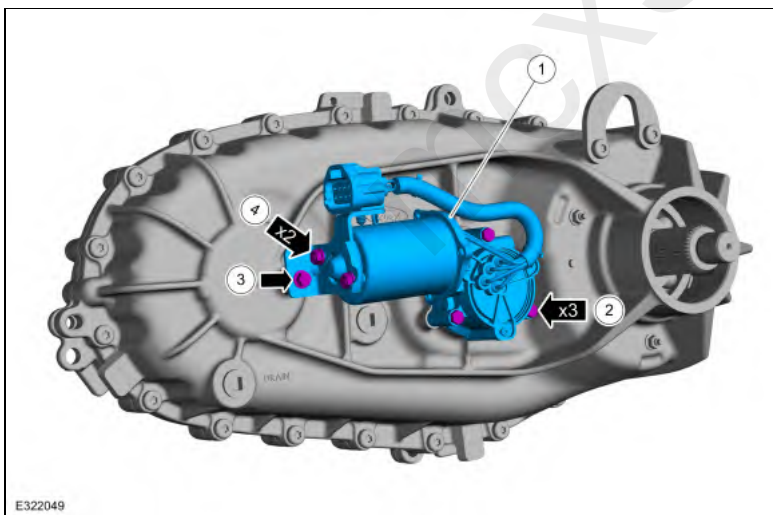


2. Apply a small bead of silicone sealant to the transfer case shift motor mating surface.
Material: Motorcraft® Ultra Silicone Sealant / TA-29



3. **NOTICE:** When installing the shift motor, tighten the bracket nuts last. Failure to follow the steps in the correct order may result in damage to the component.

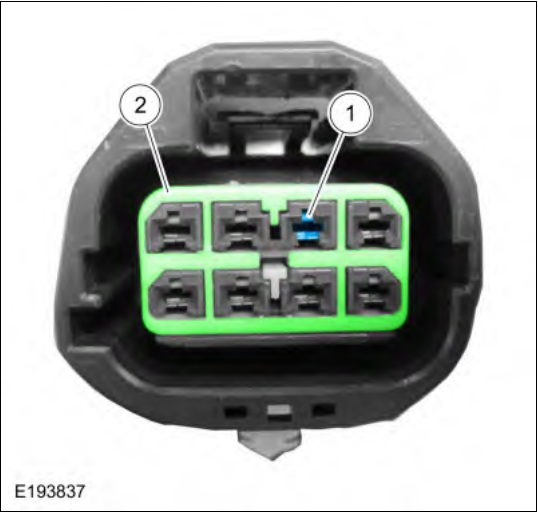
1. Install the transfer case shift motor.
2. Install the transfer case shift motor bolts.
Torque: 89 lb.in (10 Nm)
3. Install the transfer case shift motor bracket bolt.
Torque: 89 lb.in (10 Nm)
4. Tighten the transfer case shift motor bracket nuts.
Torque: 27 lb.in (3 Nm)



4. **NOTE:** After the wire is inserted into the connector, gently pull the wire back to verify the pin is locked inside the connector.

Install the coil wire pin in the electrical connector.

1. Insert the coil wire pin in the electrical connector.
2. Install the inner connector retainer.



5. Connect the harness connector.

