

1990 Chevrolet CORVETTE

Submodel: | Engine Type: V8 | Liters: 5.7

Fuel Delivery: FI | Fuel: GAS

1. Disconnect the negative battery cable.
2. Detach the washer motor electrical connector.
3. Place a suitable drain pan under the vehicle. Drain the washer reservoir.
4. Remove the washer pump from the reservoir using suitable pliers.
5. Disconnect the washer hose from the pump.

To install:

6. Connect the washer hose to the pump.
7. Place the washer pump into the reservoir using a pair of pliers. Make sure the pump is pushed in all the way into the reservoir seal.
8. Attach the washer motor electrical connector.
9. Refill the windshield washer reservoir.
10. Connect the negative battery cable, then check for proper washer motor operation.

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1. With the wipers on, turn the ignition **OFF** when the wiper is at the mid-wipe position. At the tip of the blade assembly, mark the windshield with a crayon to aid in reassembly.
2. Lift the wiper arm assembly from the windshield and pull the retaining latch out.
3. Lift the wiper arm assembly from the transmission driveshaft.
4. Disconnect the washer nozzle hose from the end of the wiper arm.
5. If necessary, remove the blade, as outlined later in this section.

Fig. 1: Removal of the wiper arm assembly

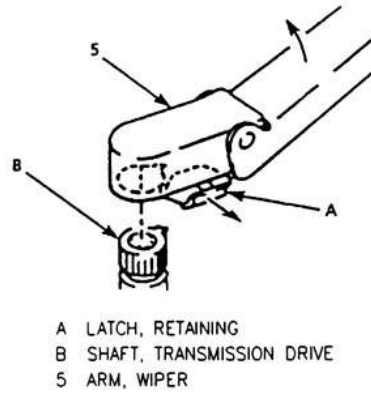
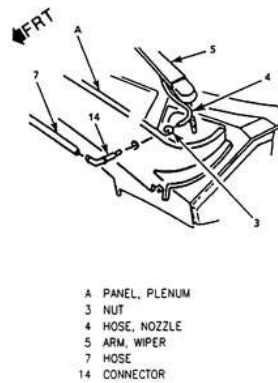


Fig. 2: Don't forget to disconnect the washer fluid hose from the arm assembly



To install:

6. Connect the washer hose to the end of the wiper arm.
7. Position the wiper arm assembly on the transmission driveshaft.
8. Push the retaining latch in to lock the wiper arm in position, then carefully lower the wiper arm and blade onto the windshield.

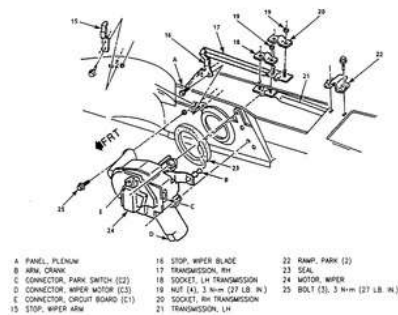
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1. Disconnect the negative battery cable.
2. Unplug the motor park switch and the circuit board electrical connectors at the motor.
3. Remove the left wiper arm and the left side plenum screen.
4. Remove the wiper transmission nuts and sockets.
5. For the VIN J engine, remove the crank nut and crank arm.
6. If equipped, disconnect the vacuum booster supply hose at the plenum.
7. Remove the wiper motor mounting bolts.
8. Unplug any remaining motor electrical connectors while removing wiper motor assembly.

Fig. 1: Exploded view of a typical wiper motor and transmission assembly



To install:

9. Attach the wiper motor electrical connector.
10. Install the wiper motor and gasket by guiding the crank arm through the hole in the plenum panel and positioning it over the transmission.

NOTE: If installing a replacement motor on the VIN J engine, it may be necessary to file the motor shaft so the crank arm can slip over the shaft.

11. Install the motor mounting bolts and tighten to 27 inch lbs. (3 Nm).
12. For the VIN J engine, install the crank arm nut and tighten to 30 ft. lbs. (42 Nm).
13. If applicable, connect the vacuum hose.
14. Install the transmission link sockets and nuts. Tighten the nuts to 27 inch lbs. (3 Nm).
15. Install the left plenum screen and the left wiper arm, then connect the motor upper electrical connectors.
16. Connect the negative battery cable and check motor operation.