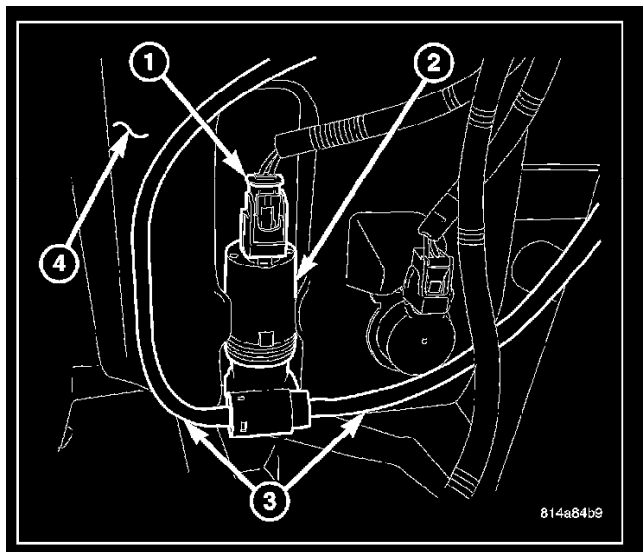


Windshield Washer Pump: Service and Repair

REMOVAL

NOTE: The washer pump/motor unit can be removed from the washer reservoir without removing the reservoir from the vehicle.

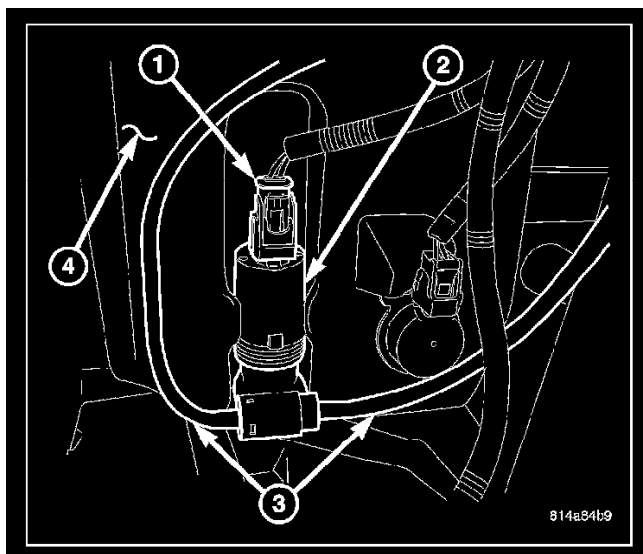


1. Disconnect and isolate the battery negative cable.
2. Turn the steering wheel to move the front wheels to the full left position.
3. Raise and support the vehicle.
4. Remove the plastic push-in fasteners that secure the forward end of the left front wheelhouse splash shield to the inner fender panel and the front fascia.
5. Pull the forward end of the left front wheelhouse splash shield away from the inner fender panel and front fascia far enough to access the washer pump/motor unit (2) on the outboard side of the washer reservoir (4) for service.
6. Disconnect the headlamp and dash wire harness connector (1) for the washer pump motor from the motor connector receptacle.

NOTE: To aid in reinstallation, note the installed position of the washer hoses prior to disconnecting them from the washer pump.

7. Disconnect the front and rear washer hoses (3) from the barbed outlet nipples of the washer pump and allow the washer fluid to drain into a clean container for reuse.
8. Grasp the top of the washer pump/motor housing and pull it firmly outward far enough to disengage the snap post on the top of the motor from the receptacle in the reservoir.
9. Grasp the lower part of the washer pump/motor housing and, using a back and forth twisting action, pull the unit outward from the reservoir far enough to disengage the pump inlet nipple from the rubber grommet seal in the reservoir.
10. Remove the rubber grommet seal from the washer pump mounting hole in the reservoir and discard.

INSTALLATION



1. Lubricate a new rubber grommet seal with clean washer fluid and install it into the washer pump mounting hole located in the outboard side of the washer reservoir (4). Always use a new rubber grommet seal on the reservoir.
2. Position the barbed inlet nipple of the washer pump/motor unit (2) to the rubber grommet seal in the reservoir.
3. Using hand pressure, press on the lower part of the washer pump firmly and evenly until the barbed inlet nipple is fully seated in the rubber grommet seal in the reservoir.
4. Align the snap post on the top of the motor housing with the snap post receptacle in the washer reservoir.
5. Using hand pressure, press firmly and evenly on the top of motor housing until the post snaps into the receptacle.

NOTE: Be certain to reconnect the front and rear washer hoses to the proper outlet nipples of the washer pump. Failure to properly connect the hoses will cause the front and rear washer systems to operate incorrectly.

6. Reconnect the front and rear washer hoses (3) to the barbed outlet nipples of the washer pump.
7. Reconnect the headlamp and dash wire harness connector (1) for the washer pump/motor unit to the connector receptacle on the top of the motor.
8. Reinstall the plastic push-in fasteners that secure the left front wheelhouse splash shield to the inner fender panel and the front fascia.
9. Lower the vehicle.
10. Reconnect the battery negative cable.
11. Refill the washer reservoir with the washer fluid drained during removal.