

Component Procedures: Windshield Washer Pump

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Component Procedures: Windshield Washer Pump

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Front Washer Pump	4797695	Front Washer Pump	0.00	Order By Description.

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Front Washer Pump	B	0.4	0.3
Replace	Rear Washer Pump	B	0.4	0.3

Components (itype_392)

SYSTEM DESCRIPTION

The

washer pump

s and motors are mounted near the bottom of the

washer reservoir

. A barbed nipple on the pump housing passes through a rubber grommet seal installed in a hole near the bottom of the reservoir. The washer pump is retained by an interference fit between the barbed pump nipple and the grommet seal, which is a light press fit.

A permanently lubricated and sealed motor is coupled to a rotor-type pump. Washer fluid is gravity-fed from the reservoir to the pump. When the motor is energized, the pump pressurizes the washer fluid and forces it through the plumbing to the nozzles.

The washer pump and motor unit cannot be repaired. If faulty, the entire washer pump and motor unit must be replaced.

Washer Pump (Article 2072218)

The

washer pump

s and motors are mounted near the bottom of the

washer reservoir

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Procedures (itype_376)

REMOVAL

1. Disconnect and isolate the battery negative cable.
2. Remove the washer supply hose(s) from the barbed outlet nipple of the washer pump
washer pump
(s) and drain the washer fluid from the reservoir into a clean container for reuse.
3. Unplug the wire harness connector(s) from the washer pump(s).
4. Using a trim stick or another suitable wide flat-bladed tool, gently pry the barbed inlet nipple of the washer pump out of the rubber grommet seal in the reservoir. Care must be taken not to damage the reservoir.
5. Remove the rubber grommet seal from the reservoir and discard.
6. Reverse the removal procedures to install. Always use a new rubber grommet seal on the reservoir.