

# **Component Procedures: Windshield Washer Spray Nozzle**

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# Component Procedures: Windshield Washer Spray Nozzle

## Windshield Washer Nozzle Adjustment (Article 10512)

### Spray Pattern Adjustment

- The first measurement (a) is from the top of the C-line molding, at the windshield washer nozzle, vertical, up the windshield either from the passenger side or driver side. Click for full-size image
- This measurement is the bottom edge of the lower spray pattern.
- Measure from the top edge of the lower windshield molding (a) in an upward vertical line between 169–209 mm (6.7–8.2") to have the location for the bottom edge of the lower spray pattern.
- Make a small mark with a wax-pencil to use as a reference point when the windshield washer spray pattern is tested.
- Measure from the top edge of the windshield (b) in a downward vertical line between 69–355 mm (2.7–13.9") to have the location for the top edge of the upper spray pattern.
- Measure from the outer edge of the lower windshield (c) in a horizontal line between 161–270 mm (6.3–10.6") to have the location for the outer edge of the lower spray pattern.
- Operate the windshield washers and notice the spray contact patterns as the washer nozzle s spray.
- Turn OFF the wiper system and make any needed adjustment to the windshield washer nozzles.
- Use a small flat-bladed tool in order to move and adjust the ball socket within the windshield washer nozzle.
- After every adjustment, re-check the spray pattern location, (as shown) of the windshield washer solvent contact to the windshield glass surface.
- Clean the windshield, removing the wax-pencil marks made previously from the spray pattern reference points.
- Fill the windshield washer solvent container to full capacity with new windshield washer solvent.

## Windshield Washer Nozzle Replacement (Article 10513)

### Callout Component Name

Preliminary Procedures Open and support the hood. Release the hood inner panel assembly from the inner hood panel. Use a small flat-bladed tool in order to release the washer nozzle locking tab from the inner hood panel. Release the washer nozzle from the hood inner panel assembly.

### Preliminary Procedures

- Open and support the hood.
- Release the hood inner panel assembly from the inner hood panel.
- Use a small flat-bladed tool in order to release the washer nozzle locking tab from the inner hood panel.
- Release the washer nozzle from the hood inner panel assembly.

1 Windshield Washer Hose Nozzle Procedure Disengage the windshield washer hose from the windshield washer nozzle. Adjust the windshield washer nozzles. Refer to Windshield Washer Nozzle Adjustment.

### Procedure

- Disengage the windshield washer hose from the windshield washer nozzle.
- Adjust the windshield washer nozzles. Refer to Windshield Washer Nozzle Adjustment.