

Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

1989 JEEP Cherokee OEM Service and Repair Workshop Manual

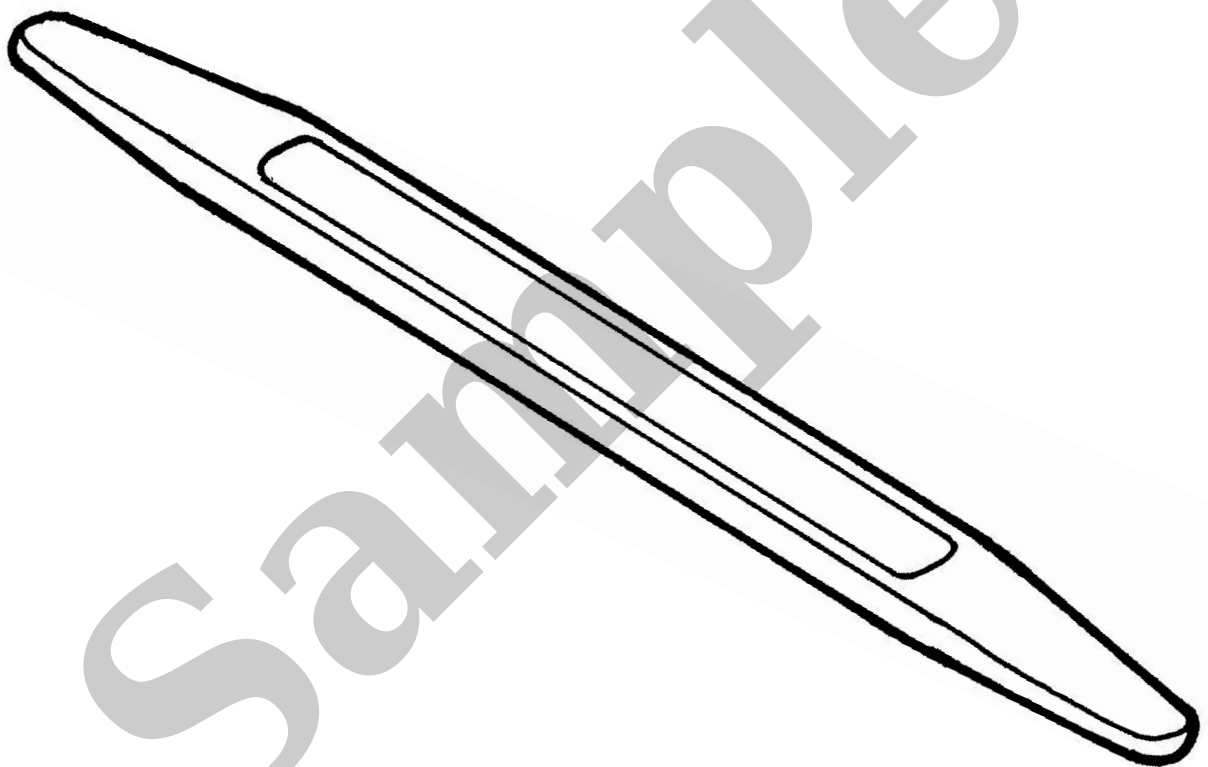
[Go to manual page](#)

2 - Cowl Trim
3 - Front Fender

REMOVAL

1. Remove the wiper arms ([Refer to Electrical/8R - Wipers/Washers/ARM, Wiper/Removal and Installation](#)).
2. Using a

Trim Stick



or equivalent, release the clips from under the rear edge of the front fender and the cowl trim.

3. Separate the cowl end caps.

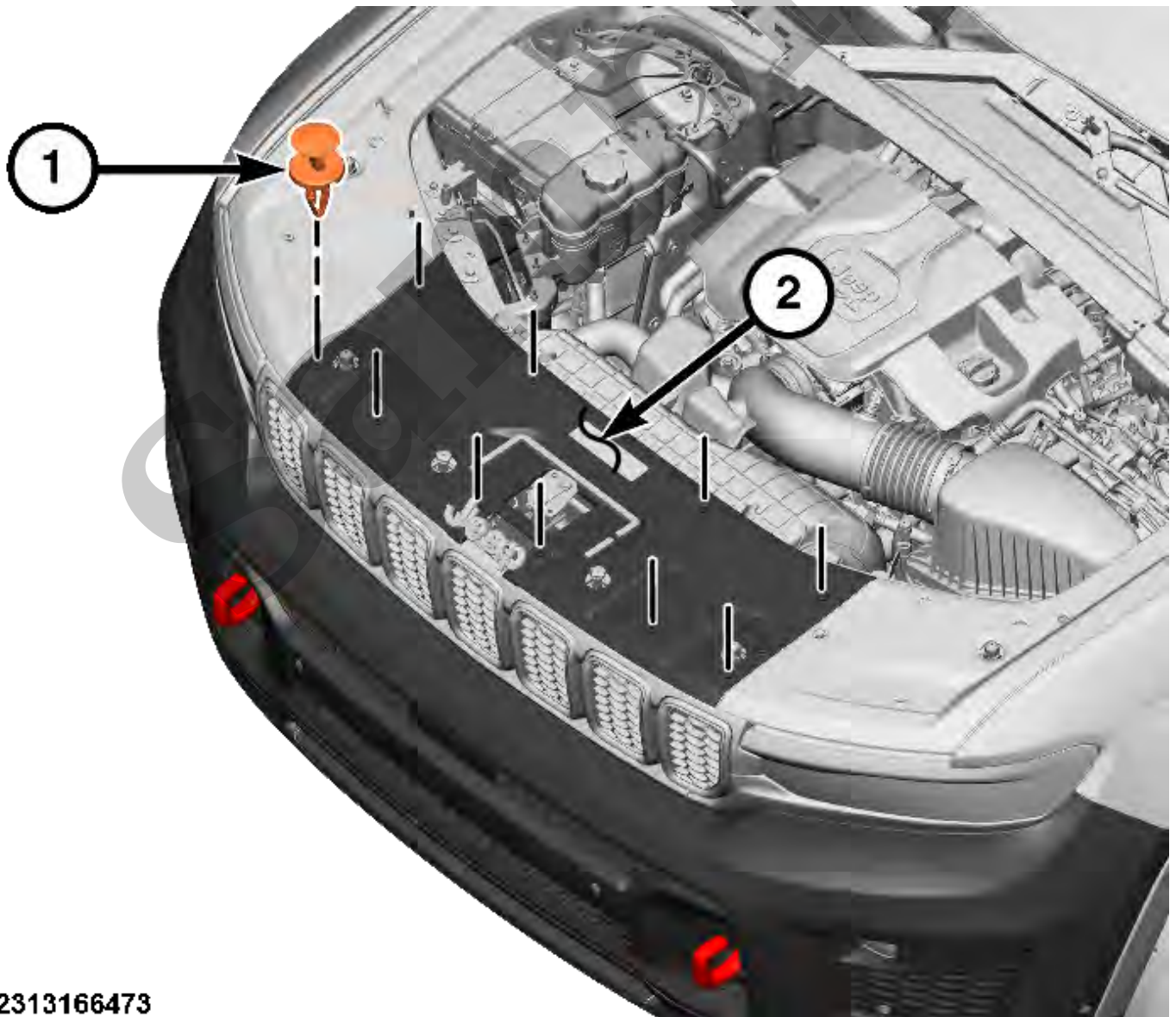
YOUR CURRENT VEHICLE

Radiator Crossmember

RADIATOR CROSSMEMBER

REMOVAL

1. If equipped, remove the air intake tube (Refer to 09 - Engine/Air Intake System/TUBE, Intake Air/Removal and Installation)(Refer To List 1).



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DESCRIPTION	SPECIFICATION	COMMENT
Cowl Extension Silencer Nuts M6x1	8 N·m (71 In. Lbs.)	—
Dash D Grommet to Panel Nut	9 N·m (80 In. Lbs.)	—
Fender Bolts	7 N·m (62 In. Lbs.)	—
Ground Wire to Body Nut	11 N·m (8 Ft. Lbs.)	—
Hood Hinge to Body Bolts	20 N·m (15 Ft. Lbs.)	—
Hood Hinge to Hood Nuts	23 N·m (17 Ft. Lbs.)	—
Hood Latch Bolts	7 N·m (62 In. Lbs.)	—
Hood Striker Nuts	18 N·m (13 Ft. Lbs.)	—
Outside Rearview Mirror Bolt	9 N·m (80 In. Lbs.)	—
Outside Rearview Mirror Nuts	9 N·m (80 In. Lbs.)	—
Radiator Closure Panel Lower Bolts M8x1.25x47.2	15 N·m (11 Ft. Lbs.)	—
Radiator Closure Panel Side Bolts M10x1.5x35	70 N·m (52 Ft. Lbs.)	—
Radiator Closure Panel Upper Bolts M8x1.25x45	20 N·m (15 Ft. Lbs.)	—
Radiator Closure Panel to Upper Crossmember Bolts	15 N·m (11 Ft. Lbs.)	—
Shock Tower Brace Bolts M6x1.00x96.5	8 N·m (71 In. Lbs.)	—
Shock Tower Brace Nuts M6x1	7 N·m (62 In. Lbs.)	—
Upper Crossmember to Load Beam Bolts	15 N·m (11 Ft. Lbs.)	—
Front Floor to Dash Lower Bolt	17 N·m (13 Ft. Lbs.)	—

Refer To List:

List 1

INSTALLATION

Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.

- Slide the fuel fill door inward until the retaining tab locks in place. A loud audible snap is normal.

Sample

Fender

FENDER

REMOVAL

1. Apply adhesive tape to the surrounding body panels to protect against damage.
2. Remove the cowl panel cover ([Refer to Body/Exterior/COVER, Cowl Panel/Removal and Installation](#)).
3. Remove the wheel on the side of the vehicle being worked on ([Refer to Tires and Wheels/Removal and Installation](#)).
4. Remove the wheelhouse splash shield from the side of the vehicle being worked on ([Refer to Body/Exterior/SHIELD, Splash/Removal and Installation](#)).
5. Remove the flare molding ([Refer to Body/Exterior/MOLDING, Front Wheel Opening/Removal and Installation](#)).
6. Remove the front bumper ([Refer to Frame and Bumpers/Bumpers/REINFORCEMENT, Bumper, Front/Removal and Installation](#)).
7. Remove the headlamp assembly from the side of the vehicle being worked on ([Refer to Electrical/Lamps/Lighting - Exterior/UNIT, Front Lamp/Removal and Installation](#)).

- Check the fender positioning with the door and the hood.

TORQUE SPECIFICATIONS - EXTERIOR

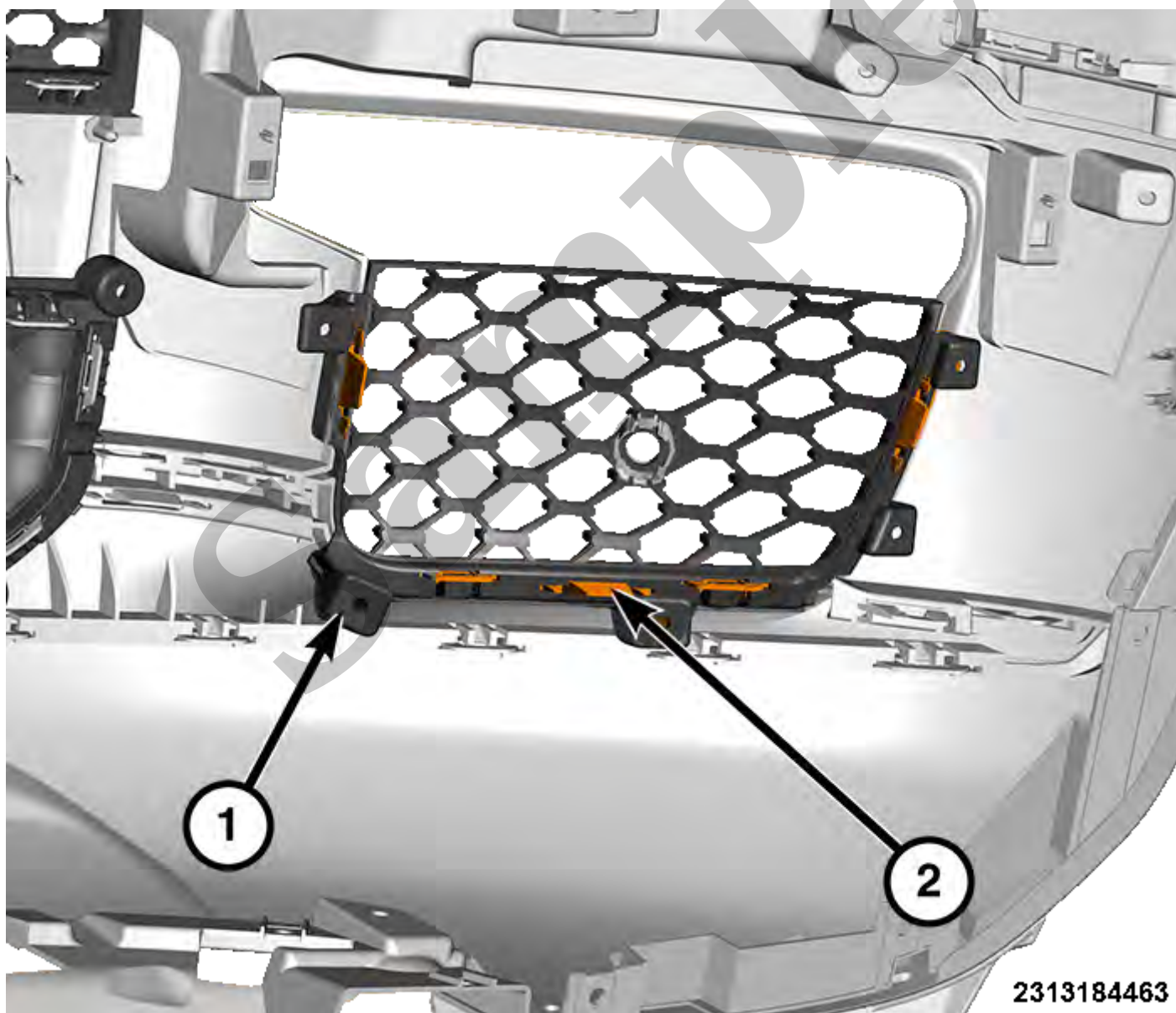
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3. Remove the radar components if necessary ([Refer to 08 - Electrical/8B - Driver Assist/RADARS/Removal and Installation](#)).
4. Remove the park assist sensors if necessary ([Refer to Electrical/8B - Driver Assist/SENSORS/Removal and Installation](#)).
5. Remove the cameras if necessary ([Refer to Electrical/8B - Driver Assist/CAMERAS/Removal and Installation](#)).

INSTALLATION

Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.

- Seat the grille retaining tabs fully.

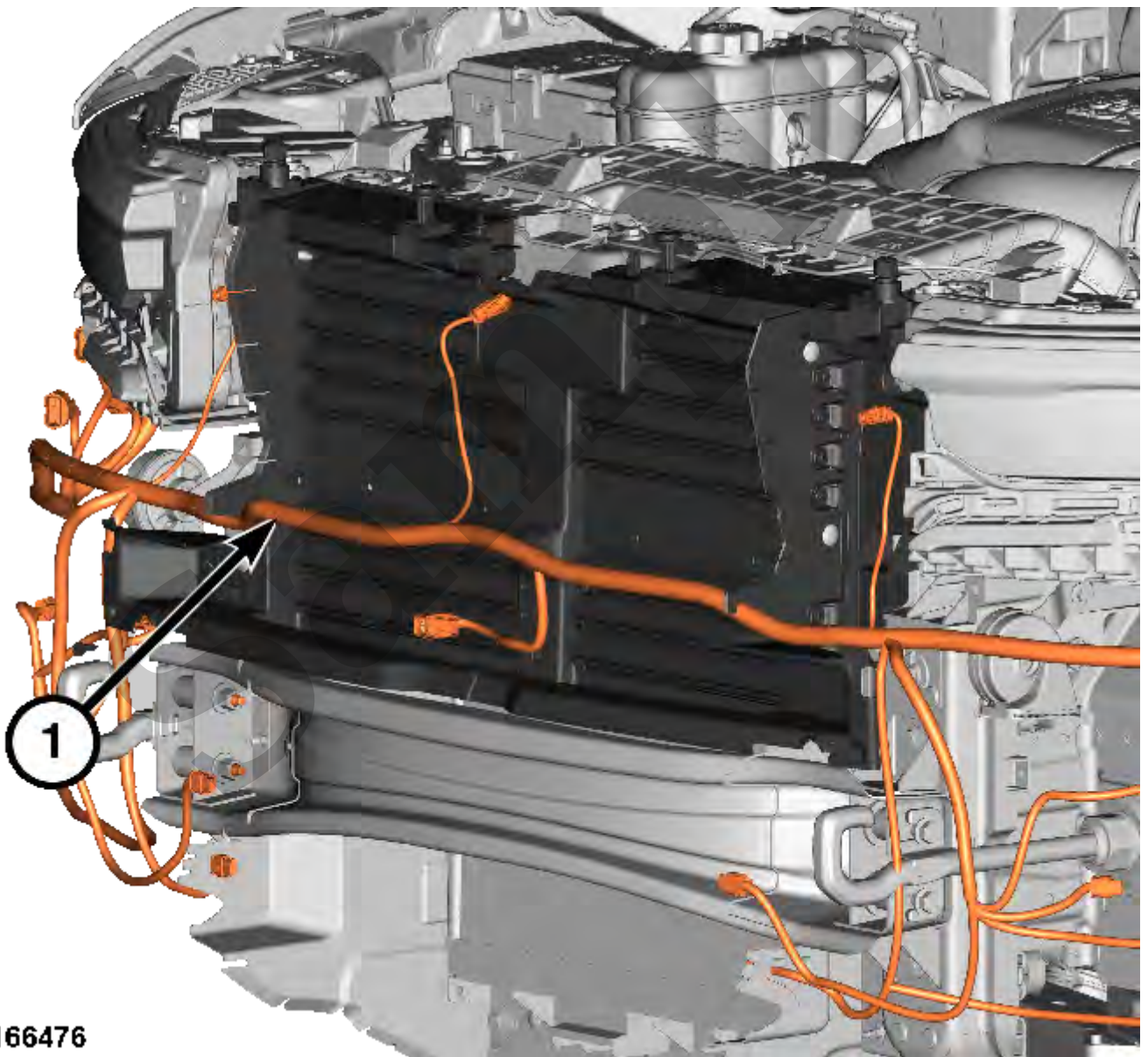


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YOUR CURRENT VEHICLE

Active Shutter Grille

ACTIVE SHUTTER GRILLE



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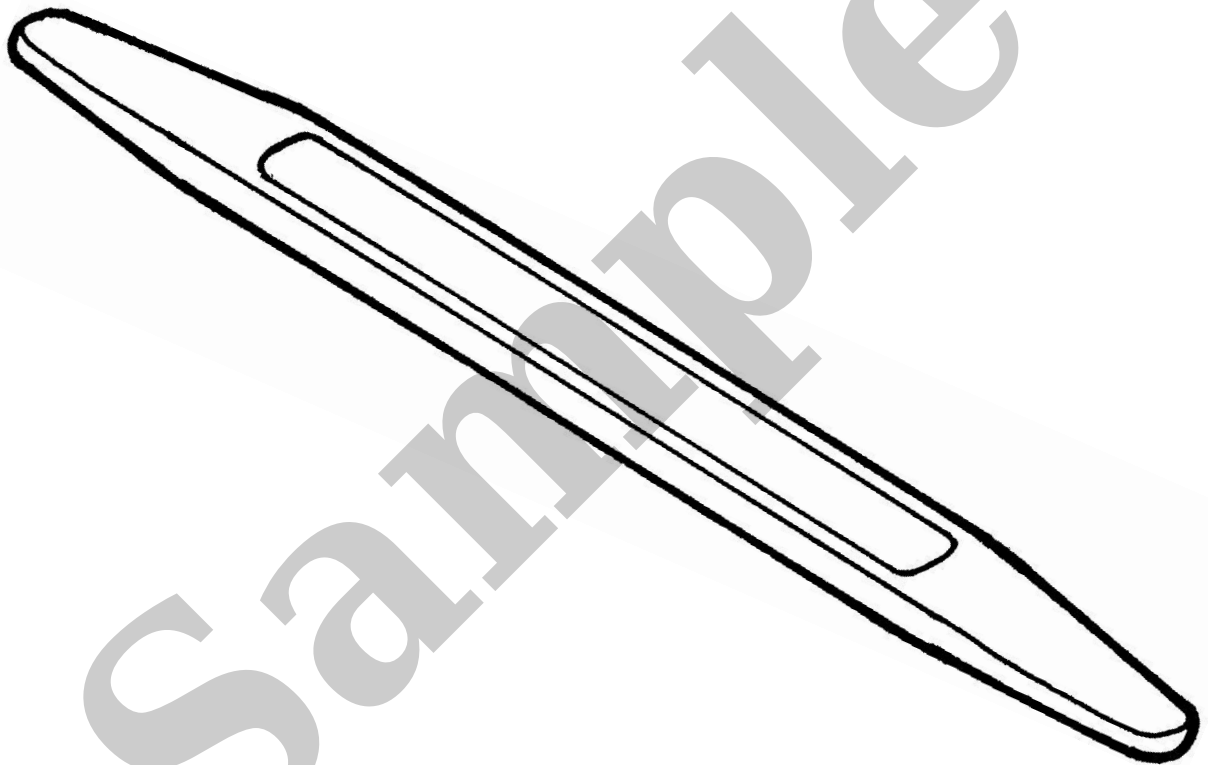
1 - Wire Harness

1 - Retaining Clips
2 - Charge Port Housing
3 - Wire Harness Connector

2. Disconnect the wire harness connector.

3. Using a trim stick

Trim Stick



or equivalent, release the retaining clips.

NOTE

Reaching up inside the wheel well may aid in releasing the clips.

4. Pull the charge port housing out of the quarter panel and lift it up off the charge port.

INSTALLATION