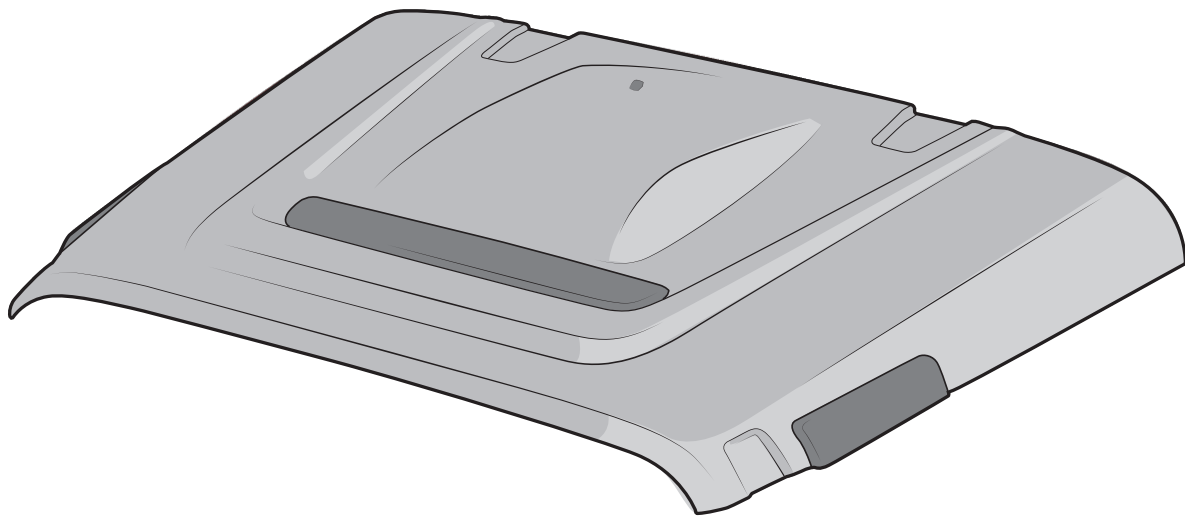




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HEAT REDUCTION HOOD

US PATENT: D629,812 S CHINESE PATENT: ZL 2012 3 0026081.4



INSTALLATION GUIDE



PLEASE READ BEFORE YOU START

TO GUARANTEE A QUALITY INSTALLATION, WE RECOMMEND READING THESE INSTRUCTIONS THOROUGHLY BEFORE BEGINNING ANY WORK. THESE INSTRUCTIONS ASSUME A CERTAIN AMOUNT OF MECHANICAL ABILITY AND ARE NOT WRITTEN NOR INTENDED FOR SOMEONE NOT FAMILIAR WITH AUTO REPAIR.

INCLUDED PARTS	QTY	REQUIRED TOOLS
Hood	1	Common Hand Tools
Insert, Center Mesh	1	
Insert, Right Mesh	1	
Insert, Left Mesh	1	
Nut, Mesh	19	



A. REMOVE FACTORY HOOD

1. Unplug the under hood lamp (if equipped) and washer nozzle hose then remove the ground strap (if equipped) from the hood.
2. Remove all hardware from the hood: Spring, outer latches, and inner latch.
3. Remove the windshield wiper arms.
4. Remove the cowl cover attachment screws and remove cowl cover.
5. Remove the four 13 mm hex head bolts from the hood hinges at cowl.
6. Remove hinges from hood then remove hood from vehicle.

B. PRE-INSTALL AEV HOOD

1. Remove AEV Hood from box and remove the brass nuts that hold the vents in place for shipping. Remove the hood vent push clips from the underside of the hood and save.
2. Loosely install factory hinges on AEV Hood
3. Pre-Install AEV Hood on vehicle to check fitment.
Hinge nuts on hood are floating and exact placement of hood before paint is critical.
Check fenders for rubbing on each side and alignment at the cowl/fender
FITMENT ISSUES WILL ONLY BE COVERED UNDER WARRANTY IF HOOD IS **NOT PAINTED.** Once you are happy with the hood fitment, tighten the hinges to the hood.

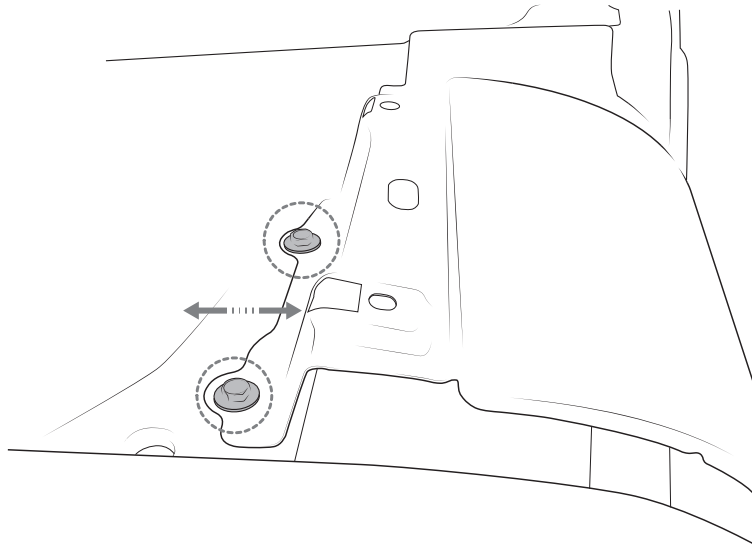
C. PAINTING YOUR AEV HOOD

1. Keep factory hinges installed on AEV Hood for painting.
2. The AEV Hood is E-coated to O.E. standards. Prep, scuff, and wash per refinishing standards.
3. The mesh vent inserts are powder-coated black. Stainless Steel inserts are available so you can paint an accent color or clear coat.
4. When installing the mesh vent inserts, only use the push nuts provided—**DO NOT USE STANDARD NUTS, THEY MAY CAUSE DISTORTION IN CLASS A SURFACE.**



D. INSTALL HOOD

1. Replace all under hood components in their stock location (discard factory insulation). 2007–2012 Models have only 1 windshield washer nozzle. You will need to purchase Mopar PN: 55078127AG to convert your windshield washers to the 2 nozzle configuration.
2. Loosely install the hex head hinge bolts at cowl and latch the hood down. Check all gaps for uniform fit and adjust.
3. Adjust the hood to cowl curvature. The cowl can be made to match the curvature of the hood by adjusting and tightening the two adjustment screws on either side of the vehicle. The cowl sides can then be slid in or out to adjust fitment.



4. Replace the cowl cover. Replace all fasteners for the cowl cover. Replace the wiper arms.
5. Reattach ground strap to the hood inner panel if originally equipped.