



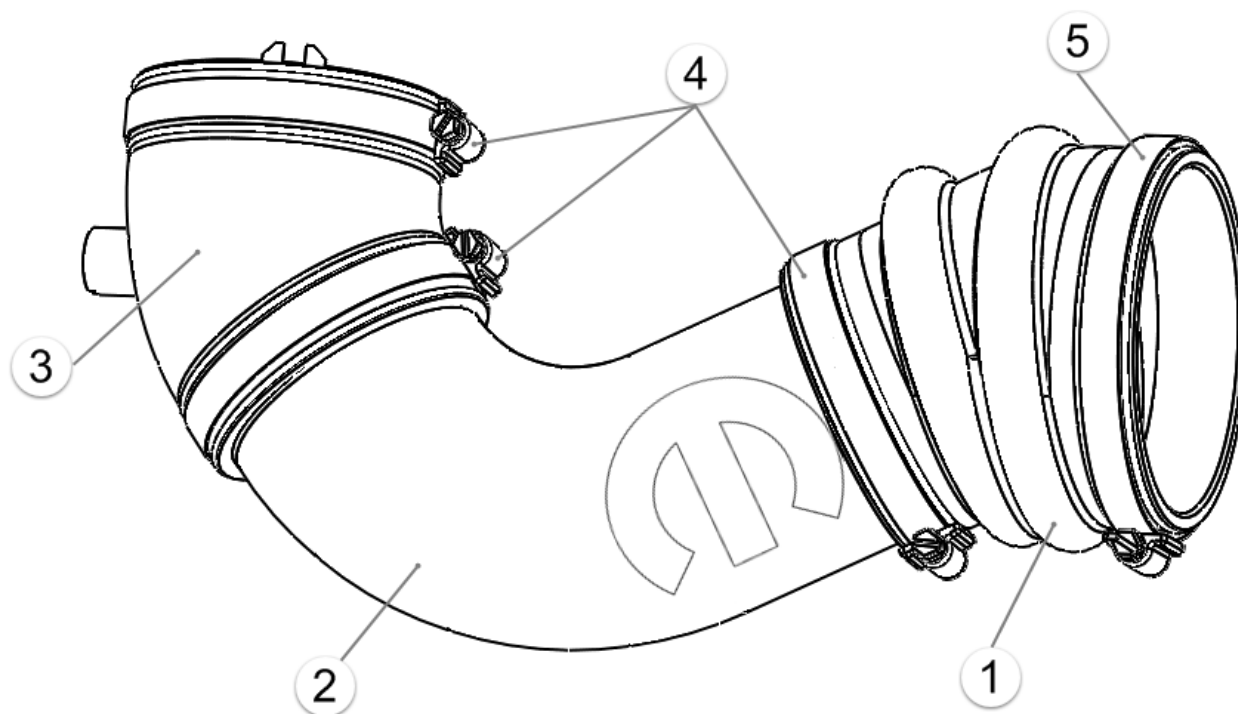
Installation Instructions

## CLEAN AIR DUCT

2014-2015 DODGE CHALLENGER 5.7L HEMI (SHAKER EDITION)

Part Number 77072381

[www.mopar.com](http://www.mopar.com)



Call Out	Description	Qty.	Service Part (Y/N)	Part Number
1	HOSE; ELBOW; 28, 4.25 ID/3.50 ID	1	N	
2	MOPAR TUBE, INLET, L-PLATFORM 5.7L	1	N	
3	COUPLER, INTAKE 5.7L L PLATFORM	1	N	
4	1/2" BNDHOSE CLAMP, 3.15" - 4.00"	3	N	
5	1/2" BNDHOSE CLAMP, 4.00"-5.00"	1	N	
6	INSTALLATION INSTRUCTIONS (This document)	1	N	
7	C.A.R.B DECAL D-265-XX (Not Shown)	1	N	

*For technical assistance regarding MOPAR Cold Air Intake Systems, please call toll-free 1-888-528-HEMI (528-4364).*

**IMPORTANT:**

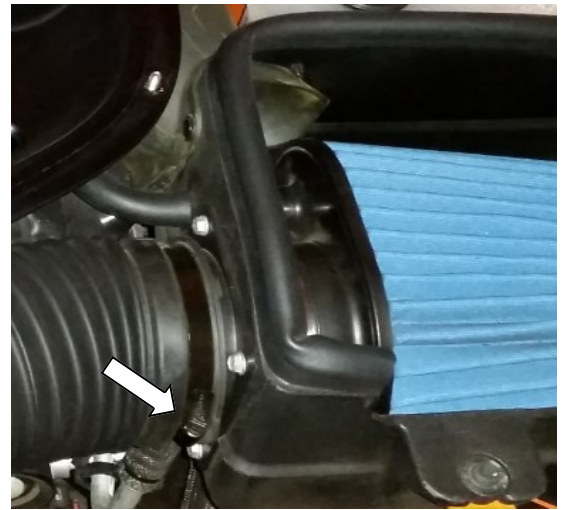
Read and understand these instructions **BEFORE** attempting to install this product.

**1) Getting Started**

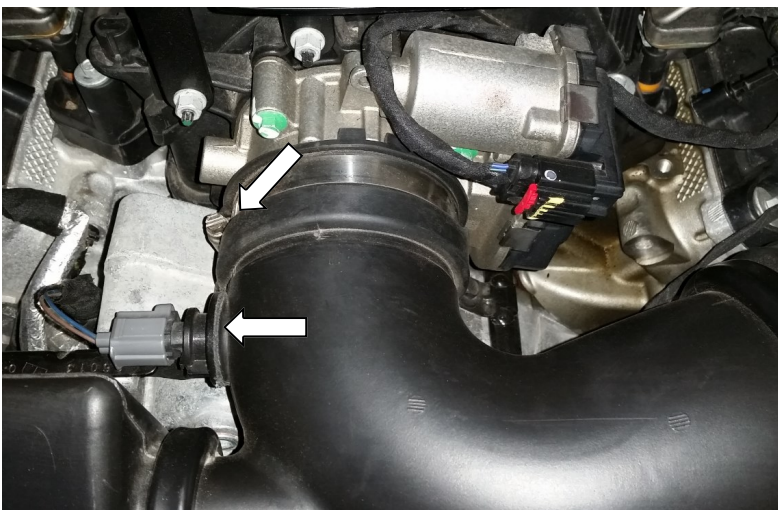
- a) If engine has run within the past two hours, open the hood and allow it to cool down.
- b) Make sure the vehicle is parked on a level surface.
- c) Set the parking brake.
- d) Disconnect the negative battery terminal.
- e) Open the air intake kit package and make sure all parts are included.

**2) Removal of the stock intake duct**

- a) Remove the Shaker Scoop and the five (5) screws holding the base plate in place and remove.



- b) Loosen the hose clamp on the filter adaptor.



- c) Loosen the hose clamp on the throttle body and disconnect the IAT sensor and remove the stock duct assembly.

### 3) Installation of MOPAR Clean Air Duct

NOTE: When installing the MOPAR Clean Air Duct, DO NOT completely tighten the hose clamps or mounting hardware until instructed to do so. Check to see that the inside of the inlet tube and couplers are clean and free from any foreign objects and/or obstructions.



a) Insert the IAT sensor into the throttle body Coupler as shown. **Orient the sensor probe relative to the notched lip.**



b) Make sure the IAT sensor is inserted all the way into the throttle body Coupler as shown.



c) Install two (2) 4.00" hose clamps on the throttle body Coupler. **(Clamp alignment not critical)**



d) Install the one (1) 4.00" and one (1) 5.00" hose clamp on the elbow Hose. **(Clamp alignment not critical)**



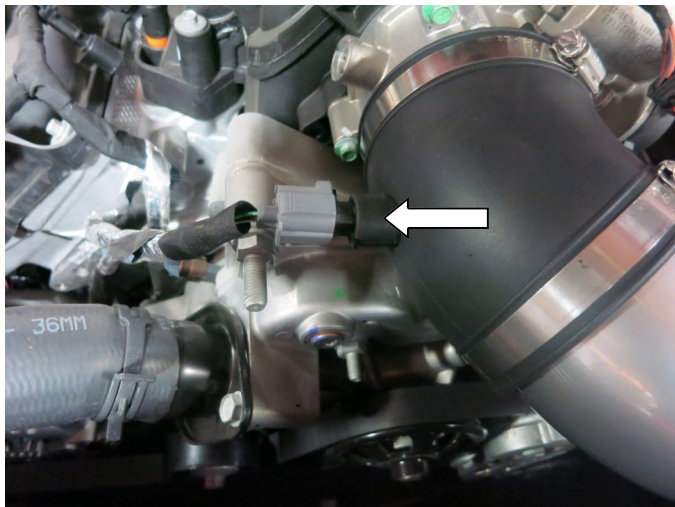
e) Insert the MOPAR Inlet Tube into the throttle body Coupler as shown. Do not tighten the hose clamps.



f) Slide the Elbow Hose on the opposite end of the MOPAR Inlet Tube as shown. Do not tighten the hose clamps.



g) Install the assembly in the vehicle as shown. and tighten the Hose Clamps to 3.2Nm (28.3 in-lb)



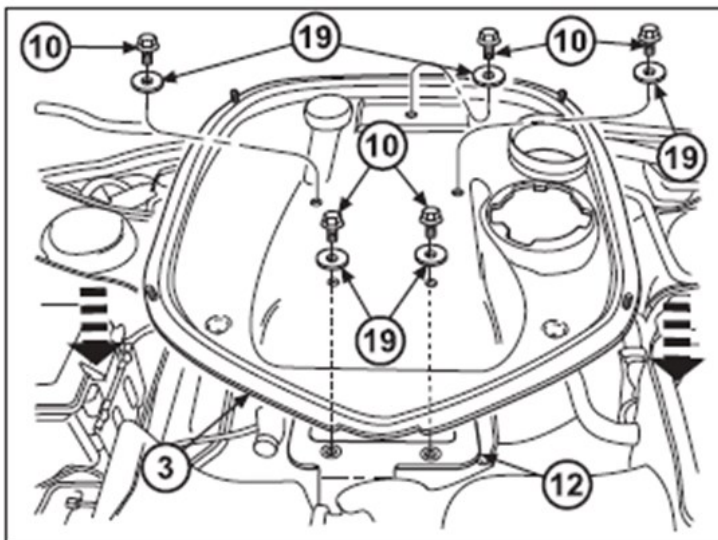
h) Reconnect the IAT Sensor cable.



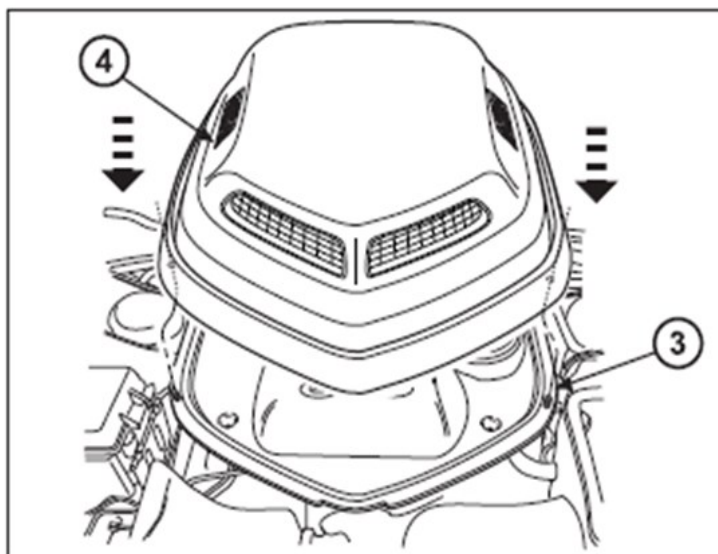
i) Reinstall the Shaker Scoop Assembly as shown on the next two (2) pages.

Place base plate assembly (3) on mounting bracket (12) and assemble five M6 screws (10) and five washers (19), finger tight securing base to bracket.

**NOTE:** Screws are to be left finger tight for proper adjustment of hood scoop base. There should be enough "drag" to keep baseplate from moving easily. Not too much that it can not be moved.

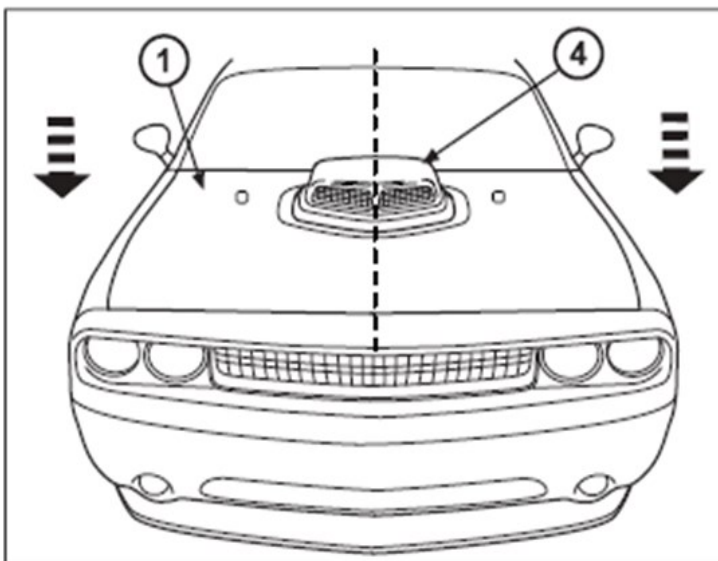


Install hood scoop (4) over base (3) studs snug tight.



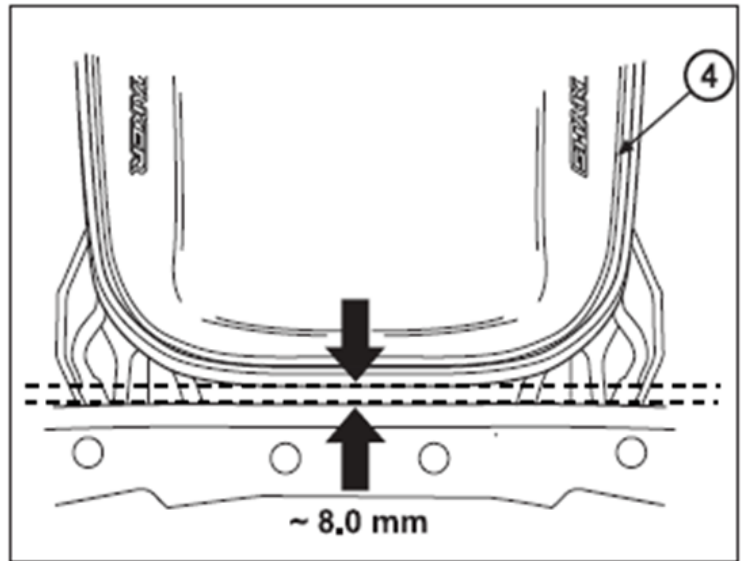
Close hood slowly and adjust hood scoop (4) with center of hood, adjust for best fit. If hood scoop is out of line, open hood and readjust hood scoop base. Repeat this procedure and check again.

**NOTE:** Seal should fit slightly tighter at the front. Visually examine seal for alignment. Shaker can be adjusted  $\pm 6.0\text{mm}$ .



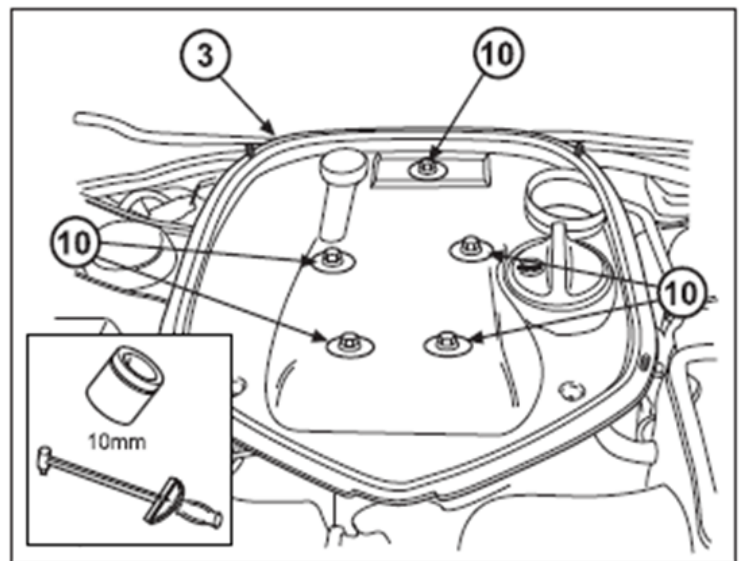
Once hood scoop (4) is aligned for best fit with hood closed, open hood and check distance between hood scoop and firewall weatherstripping. Ensure there is ~8.0 mm gap between the two.

If the distance is too tight, readjust hood scoop base and repeat this step.

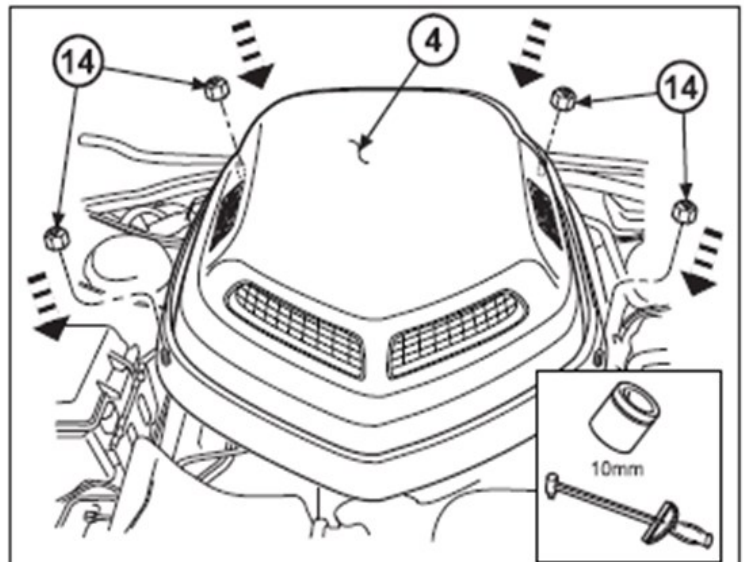


Open hood and gently remove the hood scoop, taking care not to move baseplate.

Using a 10mm socket, torque Base plate to bracket screws (10) to 5 N.m. (44 in-lbs.)



Reinstall hood scoop (4). Fasten four M6 stainless steel cap nuts (14) with a 10mm socket. Torque to 4 N.m. (35.4 in-lbs.)



#### 4) Re-assemble the vehicle

- a) Inspect all MOPAR air intake kit components proximity to A/C lines, dip sticks, hoses for ample clearance.
- b) **Tighten all fasteners and hose clamps.**
- c) Inspect the engine bay for any loose tools, and that the IAT sensor cable is properly connected.
- d) **Apply the California Air Resource Board (C.A.R.B.) Decal on a clean, dry surface in a visible location within the engine bay.**
- e) Start the engine and allow it to idle, and then perform a final inspection before driving the vehicle.

#### 5) Cleaning Instructions: MOPAR DRYFLOW Air Filter

(It is recommended that you service your MOPAR air filter every 20,000 miles for optimum performance.)

- a) Remove the air filter from intake system and set the filter clamp aside.
- b) Measure the length of the filter media.
- c) Fill a pail with warm clean water to the depth determined in Step B. Add a mild household detergent or DRYFLOW air filter cleaning solution to the water.
- d) Without allowing the solution to flow into the filter neck, submerge the filter into the water and let it soak for 10 minutes. After soaking, rotate the filter back and forth to agitate the water and knock off dirt.
- e) Empty the bucket of dirty water. Repeat steps C and D.
- f) Refill the pail with clean warm water and rinse by rotating the filter as in step D. The water should be clear with no signs of dirt in the pail.
- g) Allow the filter to air dry. Re-install the filter on the intake system once it is dry.

**DO NOT APPLY ANY OIL TO THIS FILTER.**

