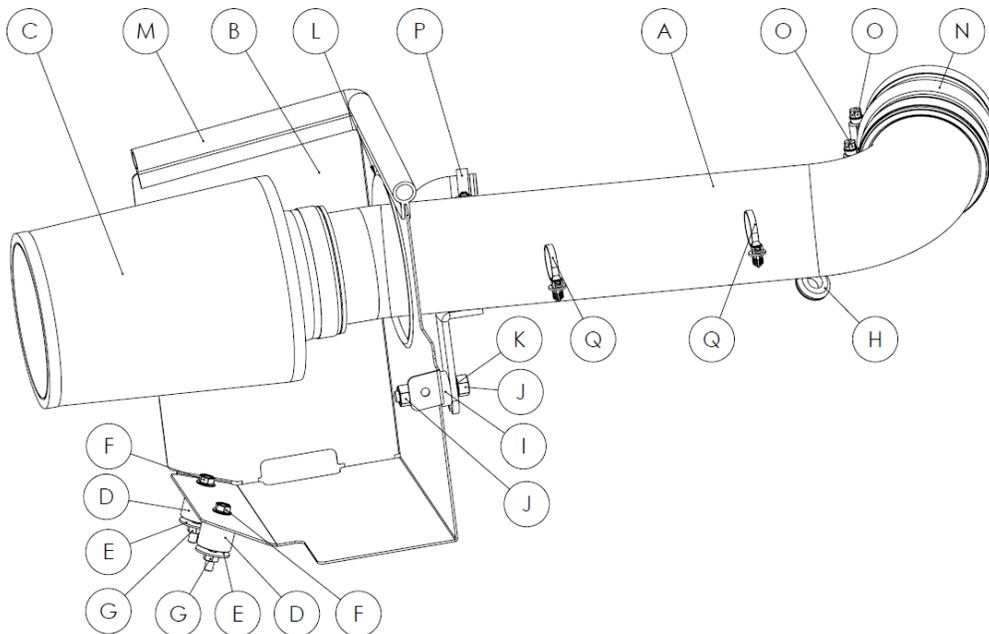




INSTALLATION INSTRUCTIONS  
**COLD AIR INTAKE KIT**  
**2012 JEEP Wrangler 3.6L V6**  
 PART NUMBER 77077052

**Bill of Materials for 77070052**

A	1	27364	MOPAR Air Intake Tube
B	1	20-8314	Heat Shield
C	1	MP-M-1010	Air Filter Assy. 3.25" X 7"
D	2	2-658	Spacer, 1.00 OD .256 ID X 1"
E	2	08334	Flat Washer
F	2	08379	M6 Bolt 45mm
G	2	07529	M6 Nut
H	1	784632	Grommet
I	1	1228560	Rubber Mount
J	2	07530	M8 Serrated Nut
K	1	08335	Fender Washer
L	1	102540	18" Rubber Edge Trim
M	1	8-4016	16" Rubber Gasket
N	1	5-586	Hump Hose
O	2	9452	#52 Hose Clamp
P	1	08420	#12 Hose Clamp
Q	2	1-117	Tree- Mount Zip Tie
R	1	K6857314	Instructions





## 1) Getting Started

- a) Make sure vehicle is parked on a level surface.
- b) Set parking brake.
- c) Disconnect negative battery terminal.
- d) If engine has run with in the past two hours let it cool down.

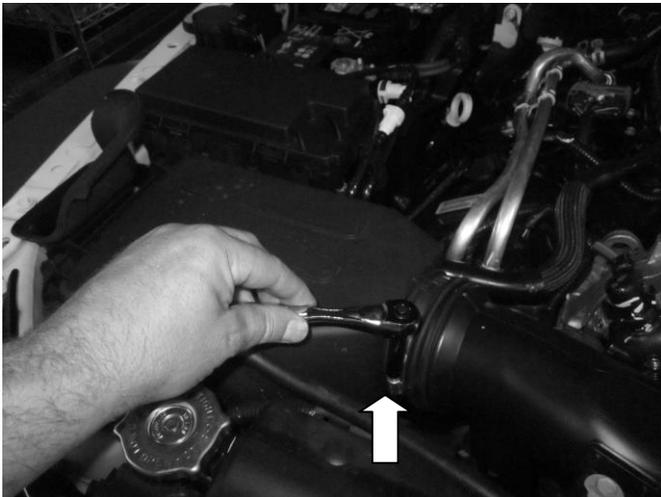
### 1) Removal of the stock intake system.



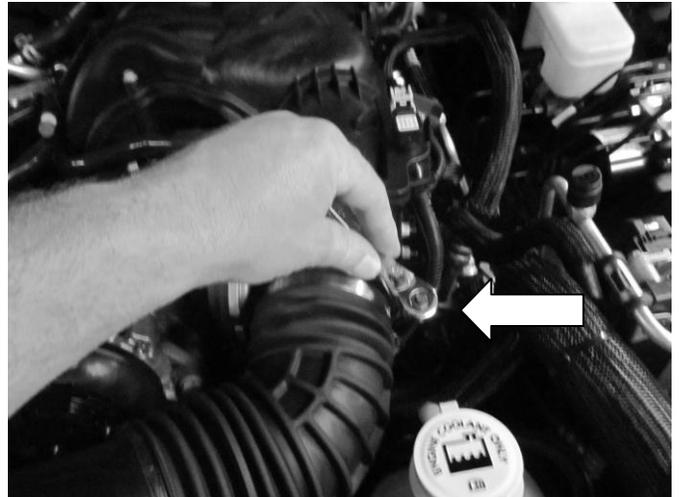
a) Stock system installed on vehicle.



b) Lift the engine cover and remove it from the engine bay.



c) Loosen the hose clamp securing the air inlet tube to the air box.



d) Loosen the hose clamp securing the air inlet hose to the throttle body.



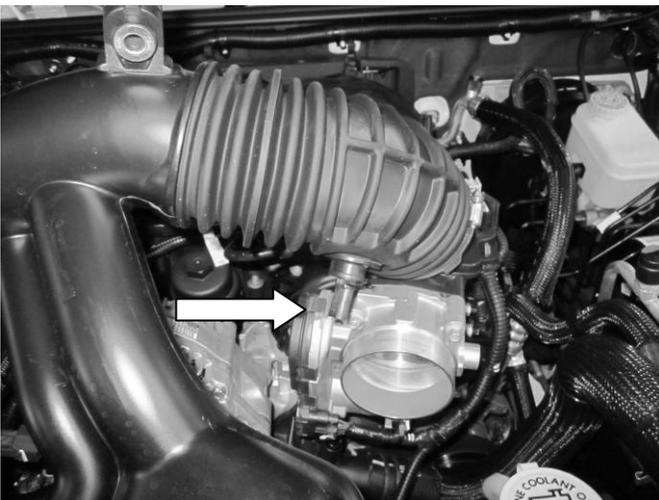
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**COLD AIR INTAKE KIT**  
2012 JEEP Wrangler 3.6L V6  
PART NUMBER 77070052



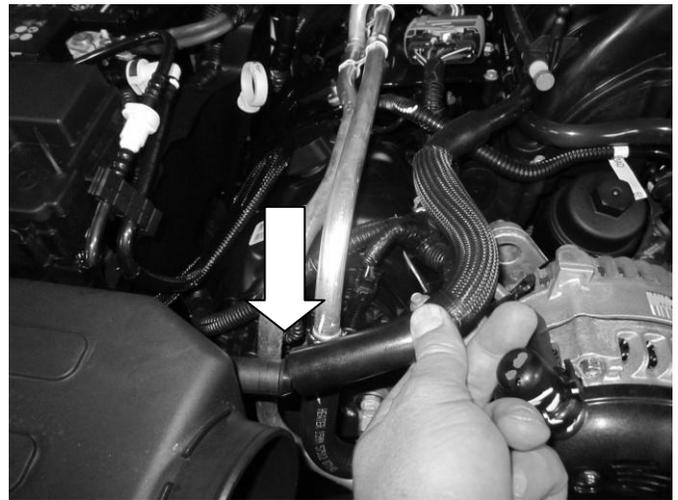
**e)** Loosen and remove the two M6 bolts securing the air inlet hose to the radiator support. Unclip the radiator overflow hose from the air inlet hose.



**f)** With the two M6 bolts removed, lift the air inlet hose up to reveal the IAT sensor and harness.



**g)** Depress the clip to release the electrical connector from the IAT sensor then remove the air inlet hose from the engine bay.



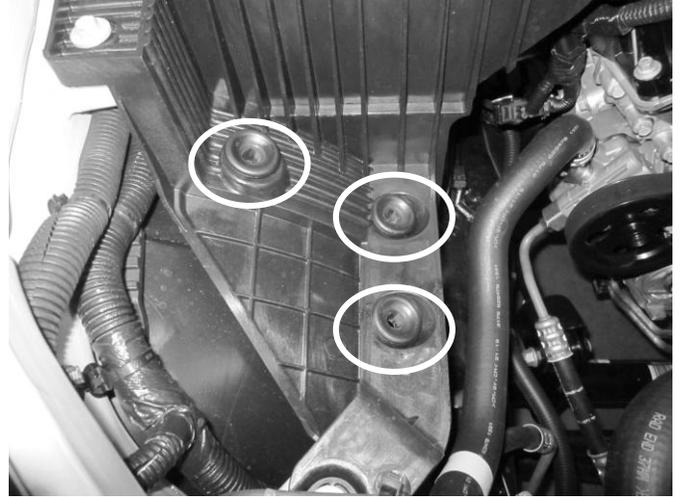
**h)** Disconnect the valve cover breather hose from the air box.



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i) Remove the air box by placing a firm grip on it and pulling upward (there are 3 grommets that hold this box in place).



j) Remove the three rubber grommets - just squeeze and pull.



k) Loosen and remove the M6 screw securing the radiator fan shroud. The bolt will be reused in the later steps.



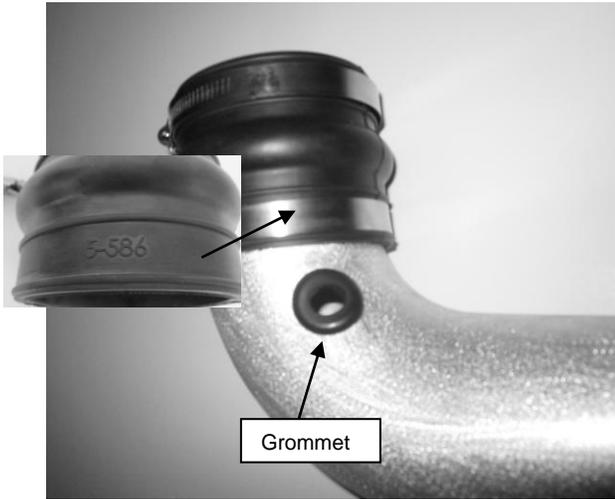
l) Remove the IAT sensor from the factory air inlet tube. Gently twist and pull out the sensor.



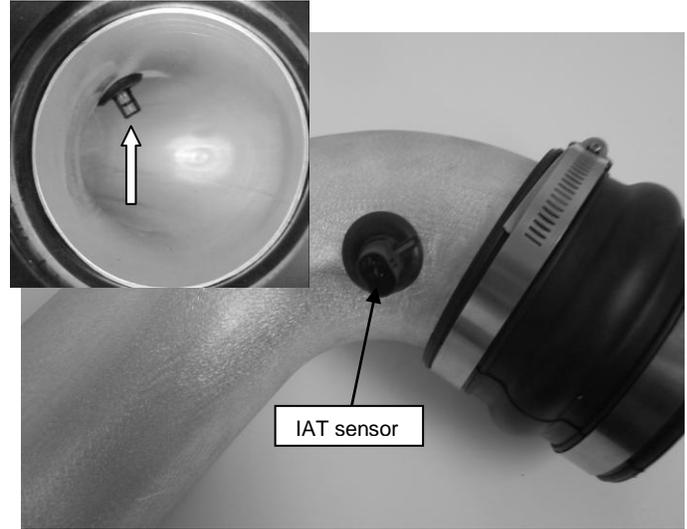
INSTALLATION INSTRUCTIONS  
**COLD AIR INTAKE KIT**  
2012 JEEP Wrangler 3.6L V6  
PART NUMBER 77070052

## 2) Installation of the MOPAR Cold Air Intake System

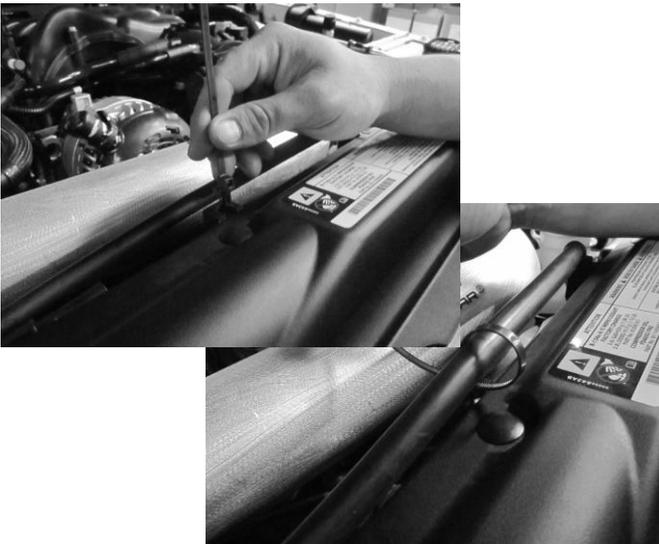
- a) When installing the MOPAR Cold Intake System, DO NOT completely tighten the hose clamps or mounting tab hardware until instructed to do so later.



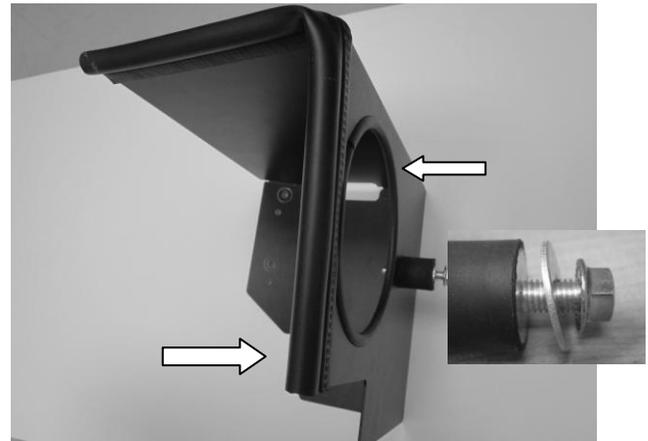
- a) Install the rubber grommet and the hump hose onto the MOPAR intake tube. **Note: The end of the hump hose with part number goes on the tube.**



- b) Insert the IAT sensor into the rubber grommet so the probe of the sensor is in the air flow path.



- c) With the supplied plastic tree-mount zip ties, secure the radiator overflow hose to the two M6 bosses on the core support.



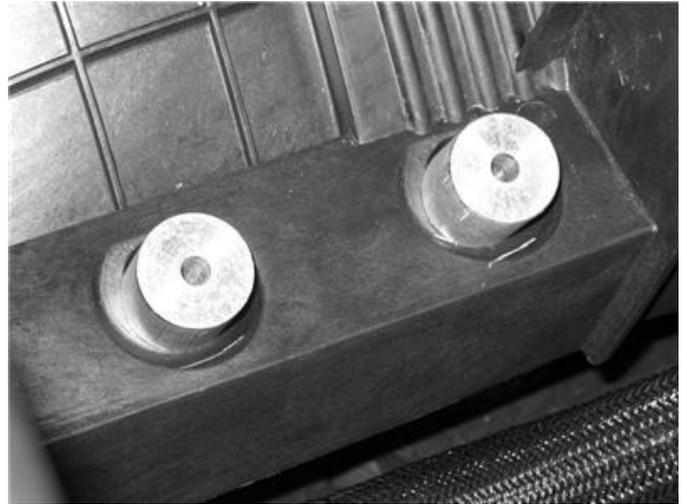
- d) Install the thin rubber trim around the circular opening; Install the rubber gasket along the top edge of the shield. Trim off any excess. Install the rubber mount to the heat shield with a M8 nut then loosely install a 08335 washer and M8 nut on the stud.



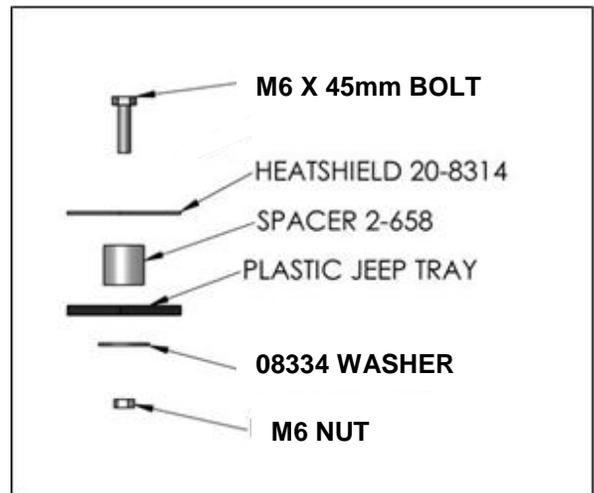
INSTALLATION INSTRUCTIONS  
**COLD AIR INTAKE KIT**  
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e) Locate the two M6 x 45mm bolts.



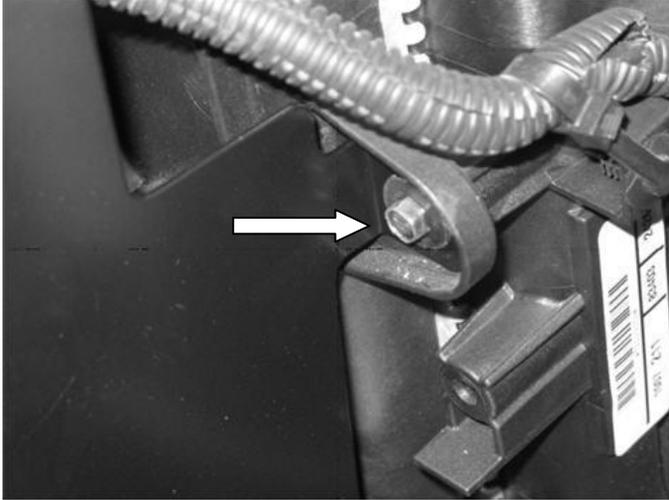
f) Place the two supplied spacers in the same location you removed the stock grommets from.



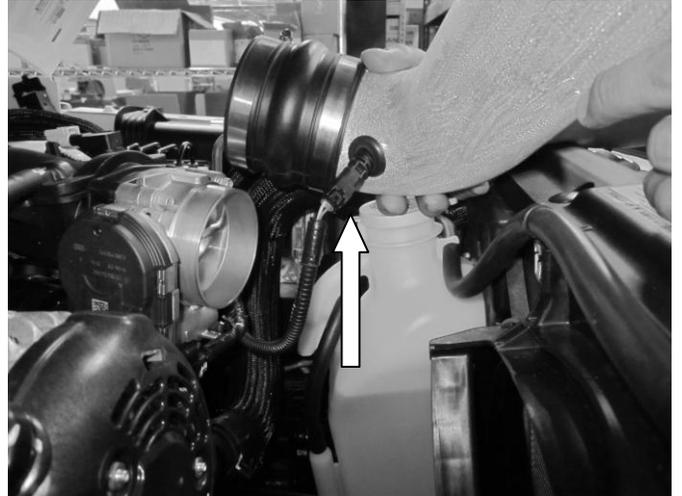
g) Install the heat shield by lining the 2 mounting holes in the heat shield to the aluminum spacers and install hardware according to the diagram above.



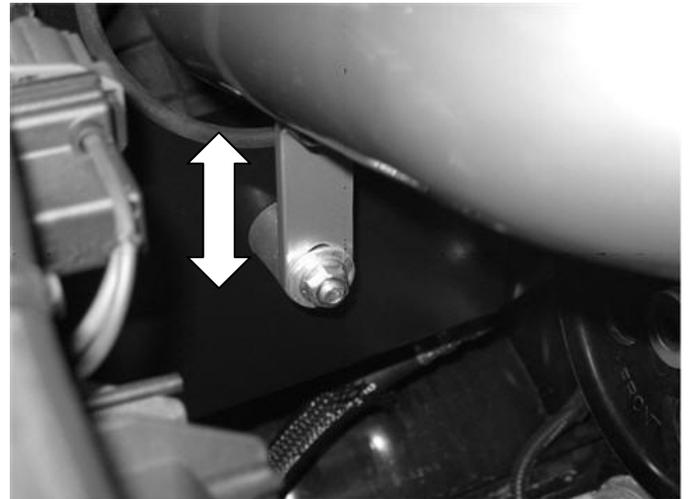
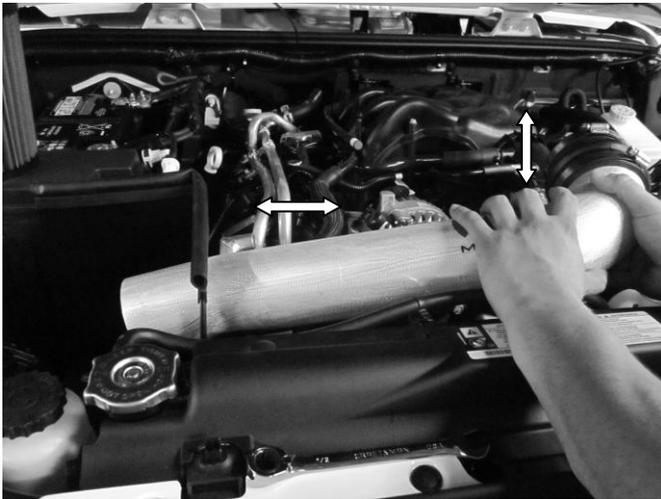
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**h)** Secure the tab on the heat shield with the stock M6 screw removed in page 4 step k).



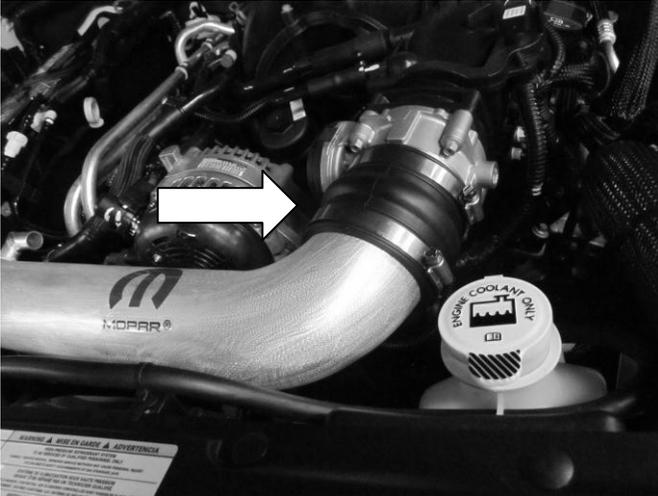
**i)** Before the MOPAR intake tube is installed, connect the IAT sensor to the harness.



**j)** Guide the MOPAR intake tube through the heat shield opening and slide the support bracket onto the threaded stud on the rubber mount between the rubber and the washer.



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**l)** Attach the end of the MOPAR intake tube with hump hose onto the throttle body. Slightly tighten the hose clamps.



**l)** Attach the stock breather hose to the breather tube on the intake tube and secure with the supplied #12 hose clamp.



**m)** Finally, Install the MOPAR dry media filter onto the MOPAR intake tube. Slightly tighten the hose clamp.



**n)** MOPAR Cold Air Intake installed on vehicle without the engine cover.



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This is how the MOPAR Cold Air Intake kit should look

### 3) Re-assemble the vehicle

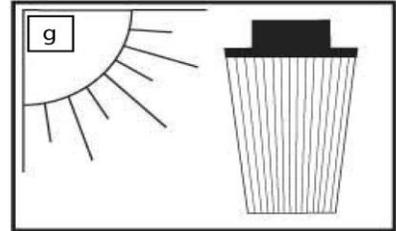
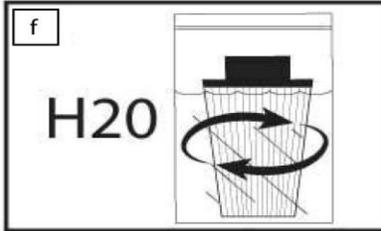
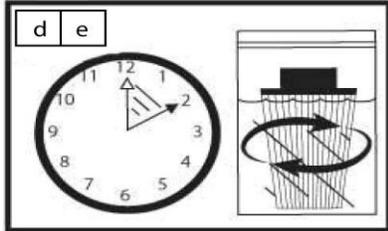
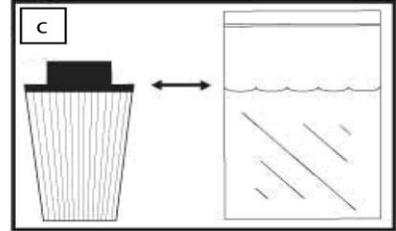
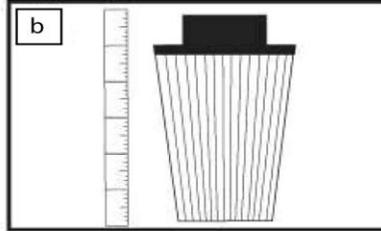
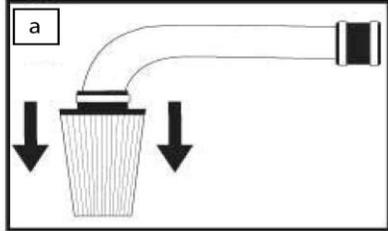
- a) Position the filter for best fitment. Be sure that the filter or any other components do not contact any part of the vehicle.
- b) Tighten all hose clamps.
- c) Tighten all bolts and nuts on the mounting bracket.
- d) Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are tight.
- e) Start engine and perform a final inspection before driving the vehicle.

### 4) Dry Filter cleaning procedure

- a) Remove filter from intake pipe 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 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. **DO NOT APPLY ANY OIL TO THIS FILTER.** Re-install the filter on the intake system once it is dry.



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