



INSTALLATION INSTRUCTIONS

COLD AIR INTAKE KIT

2011 CHRYSLER 300C 5.7L HEMI V8

2011 DODGE CHARGER 5.7L HEMI V8

2011 DODGE CHALLENGER 5.7L HEMI V8

PART NUMBER 77070044

Bill of Materials for 77070044

| | | | |
|-----------|---|-------------|---|
| A | 1 | 9-0398 | MOPAR Cold Air Box |
| B | 1 | MP-M-1002 | Air Filter Assembly |
| C | 1 | 102473 | Rubber Edge Trim |
| D | 1 | 2-1457 | Filter Adaptor Tube |
| E | 1 | 8-171 | Hose Adaptor Fitting, Straight 3/4" to 5/8" |
| F | 5 | 07528 | M6 Bolt |
| G | 1 | 081004 | Aluminum Threaded Boss |
| H | 1 | 9472 | Hose Clamp, #72 |
| I | 1 | 08655 | Elbow Hose 3.5"-4.25" ID |
| J | 3 | 9456 | Hose Clamp, #56 |
| K | 1 | 2-1456 | MOPAR Air Intake Tube |
| L | 1 | 08654 | Straight Hose 3.5" ID |
| M | 1 | 784634 | 1/2" ID Grommet |
| N | 1 | 5-7002 | Hose 5/8" ID x 2" |
| O | 1 | 8-120 | Hose Adaptor Fitting, Elbow 5/8" |
| Not Shown | 1 | 8-183 | Blanking Plug |
| | 1 | K6857282 | Installation Instructions |
| | 1 | 11-77070044 | CARB EO Decal |



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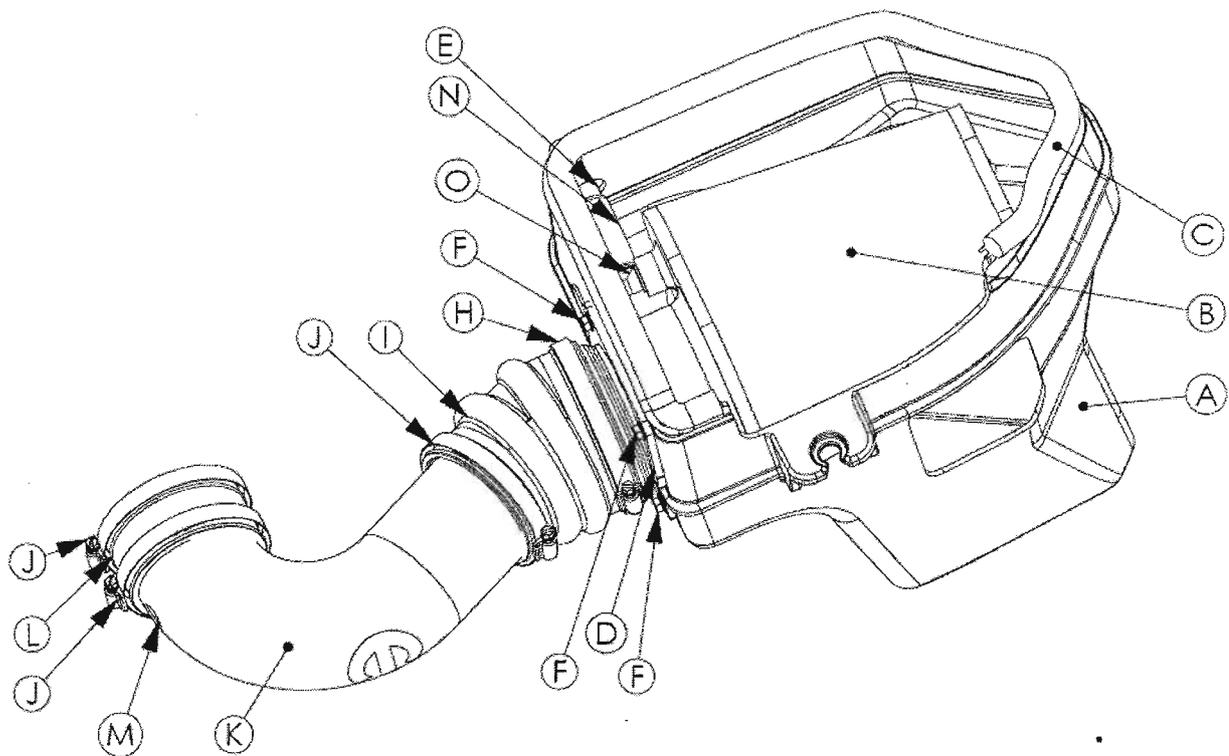
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IMPORTANT:

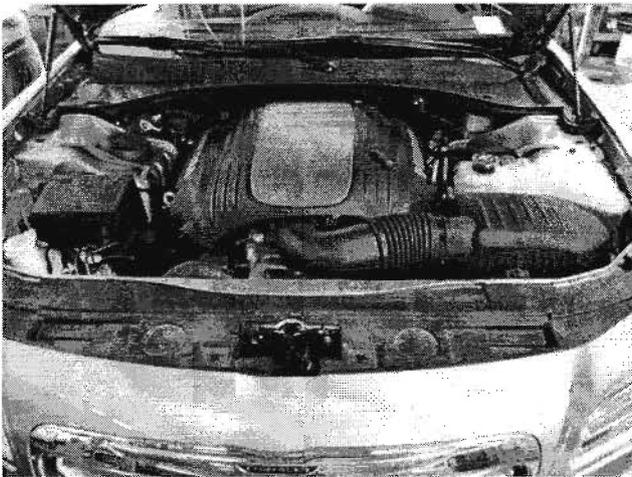
This kit includes a Dry Filter. **DO NOT APPLY ANY OIL TO THIS FILTER!** See step 5 for cleaning instructions.

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

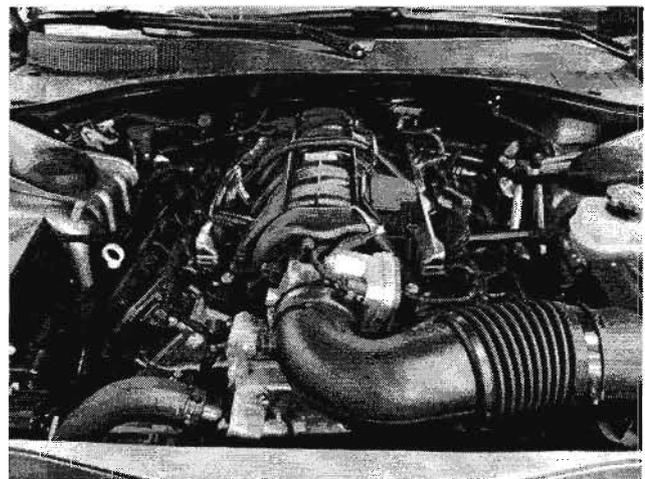
1) Getting Started

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

2) Removing the stock air intake system



a) Your stock air intake system should look like this.



b) Remove the engine cover by pulling straight up.



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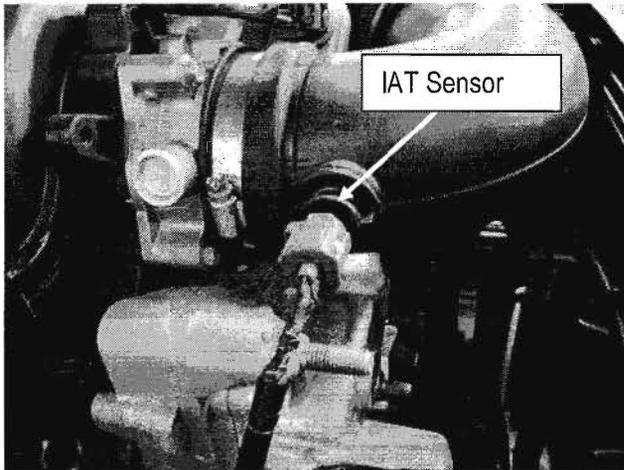
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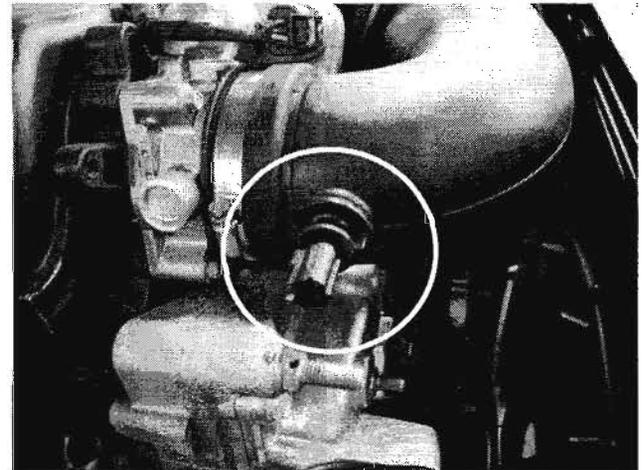
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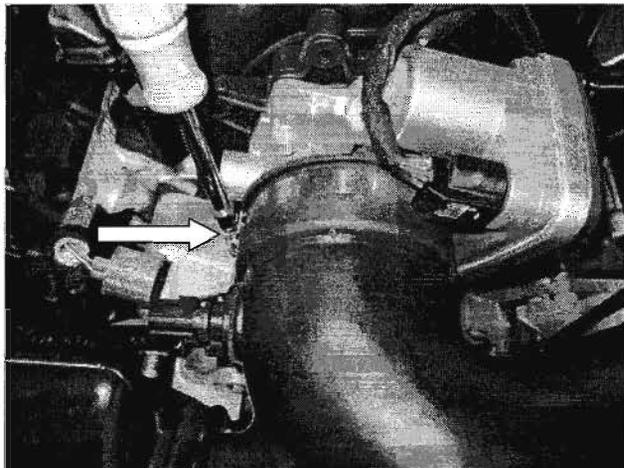
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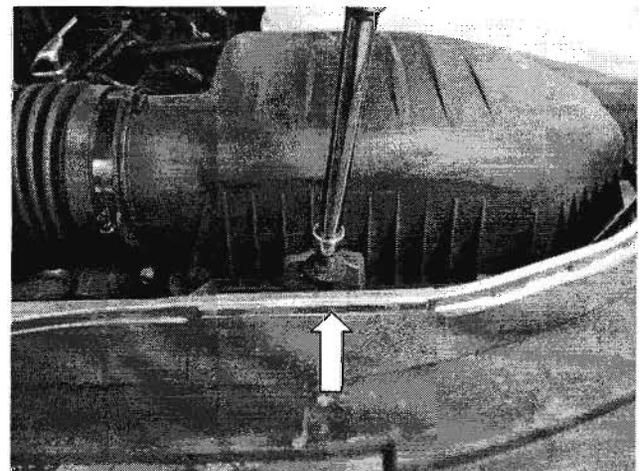
c) Release the wire harness clip to the IAT (intake air temp) sensor by gently pressing the tab.



d) With the tab depressed, detach the clip from the IAT sensor. Do not remove the sensor at this time.



e) Loosen the hose clamp at the throttle body.



f) Remove the M6 air box mounting bolt. This bolt will be reused later.



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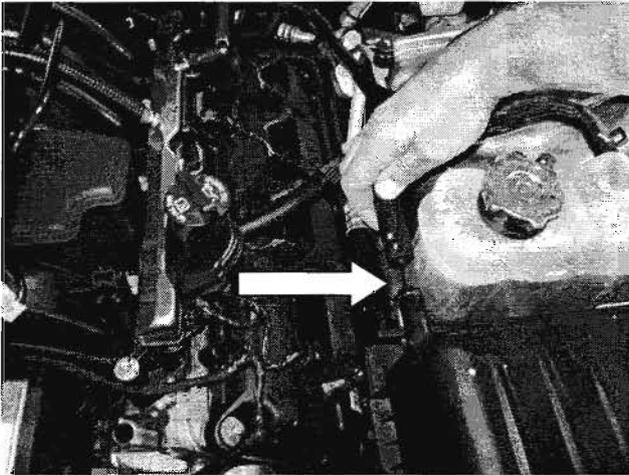
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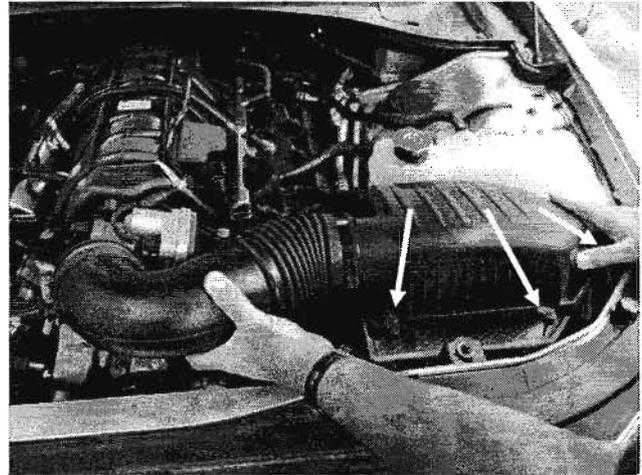
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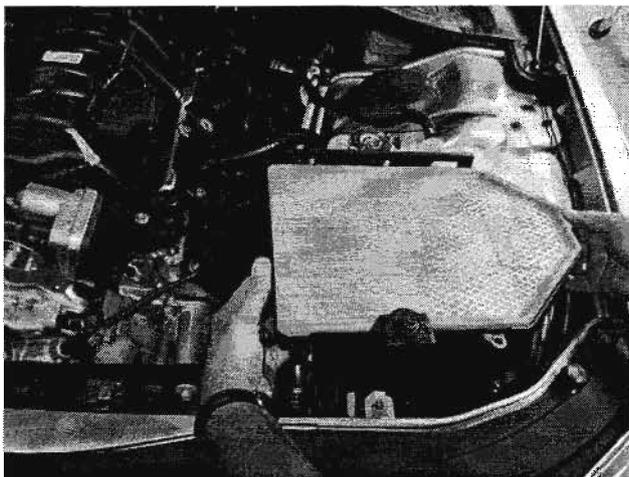
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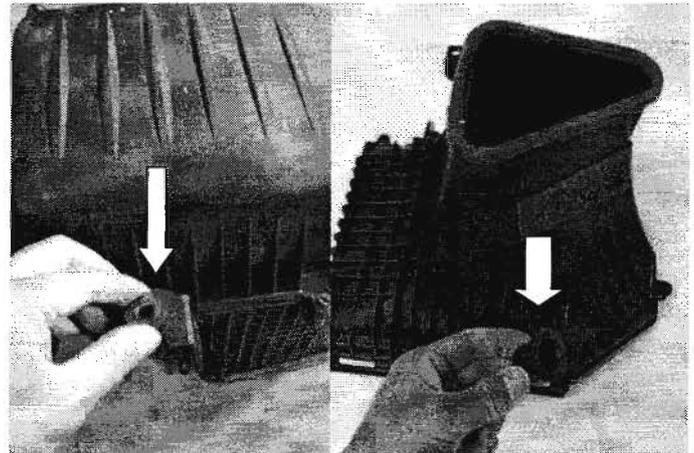
g) Detach the valve cover breather hose from the air box.



h) Remove the three M6 screws securing the air box lid and remove the lid with the air intake hose.



i) With the air box lid and air intake hose removed the air box base can then be removed from the engine bay. **Note: Pull up to release the base from the inner fender.**



j) Remove the rubber grommet and rubber bushing from the factory air box as shown.



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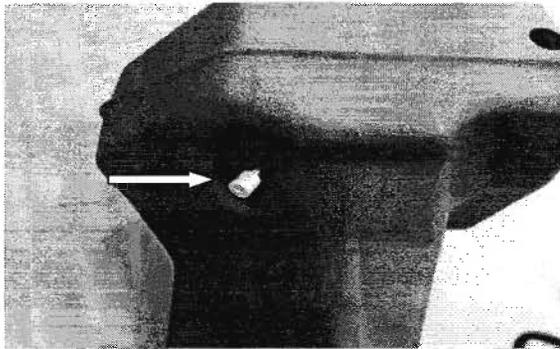
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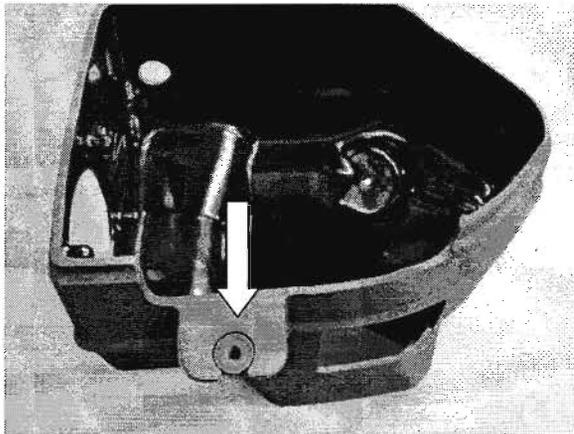
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3) Installing the MOPAR Cold Air Intake

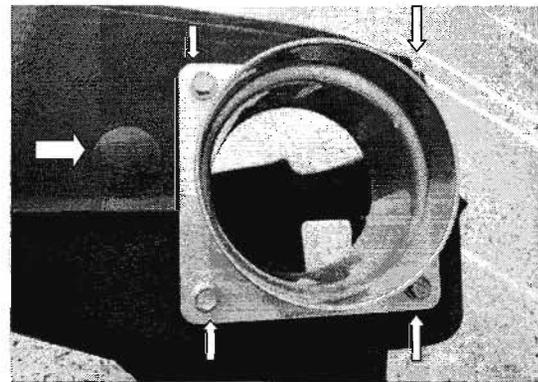
a) When installing the MOPAR Cold Air Intake System, DO NOT completely tighten the hose clamps or fasteners until instructed to do so later in these instructions. Check to see that the inside of the inlet tubes and air filter are clean and free from any foreign objects and/or obstructions



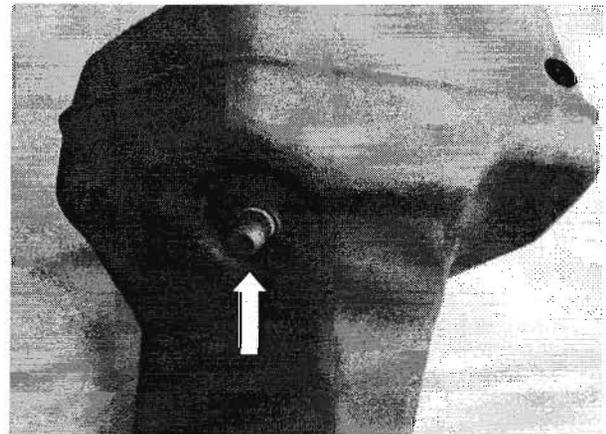
b) Install supplied aluminum threaded boss to the bottom of the MOPAR Cold Air Box with supplied M6 bolt.



d) Install the rubber grommet removed from step 2 j) onto the tab on the MOPAR Cold Air Box.



c) Assemble the filter adaptor tube to the MOPAR Cold Air Box with the supplied M6 bolts and apply the blanking plug to the hole next to the filter adaptor.



e) Install the rubber bushing removed from step 2 j) onto the aluminum threaded boss installed in step 3b).



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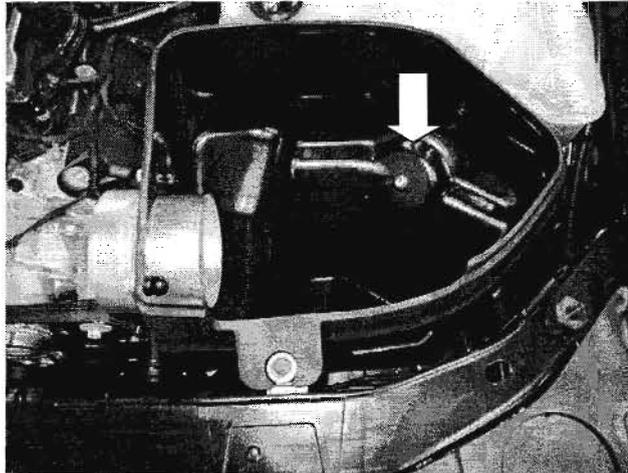
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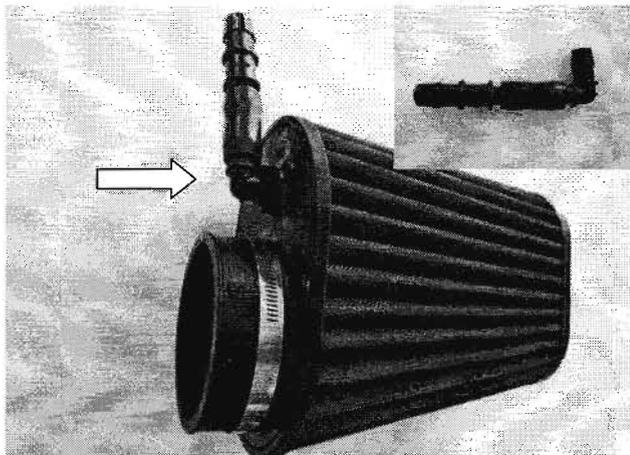
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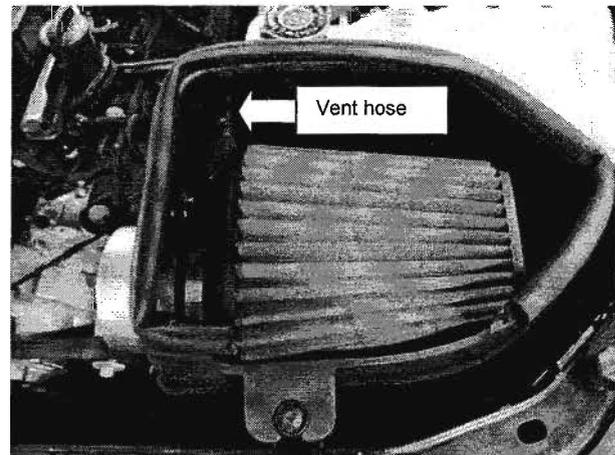
f) Lower the assembled MOPAR Cold Air Box into the inner fender. **Note: Make sure the bottom of the air box and rubber bushing is completely seated into the inner fender.**



g) Secure the MOPAR Cold Air Box to the core support with the M6 bolt removed from step 2f).



h) Assemble the supplied breather hose to the hose adaptor fittings and install it to the air filter as shown



i) Attach the air filter to the adaptor tube in the MOPAR Cold Air Box and slightly tighten the hose clamp. **Note: The vent hose will go through the side of the air box.**



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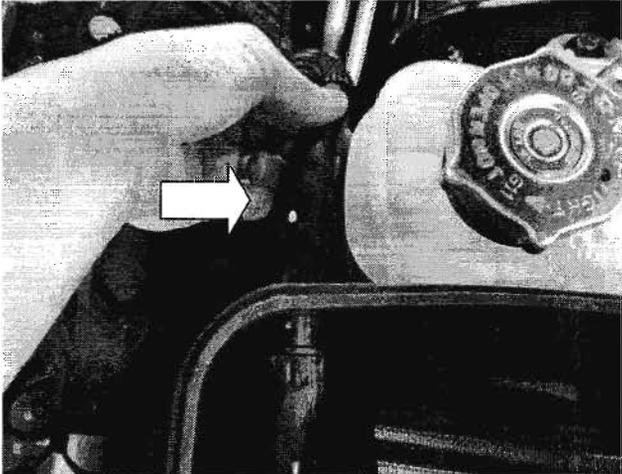
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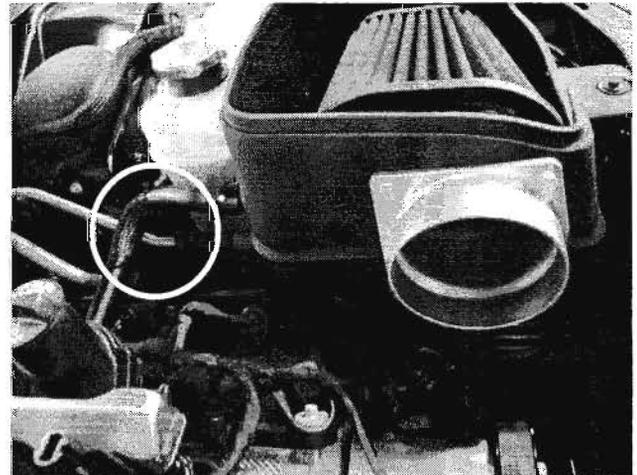
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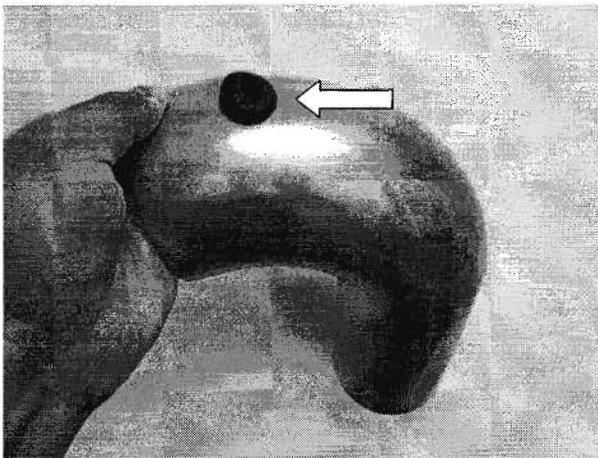
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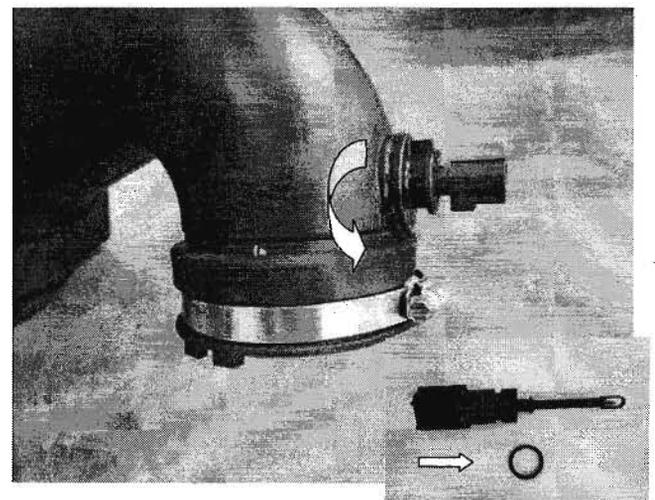
j) Attach the factory valve cover breather hose to the fitting from the air filter.



k) Valve cover breather hose connected. **Note:** Make sure there is ample clearance between the hose and A/C line.



l) Insert the supplied grommet into the MOPAR air intake tube.



m) Twist and remove the IAT sensor from the factory intake hose and remove the O-ring with the sensor. **Note:** Do not discard the O-ring.



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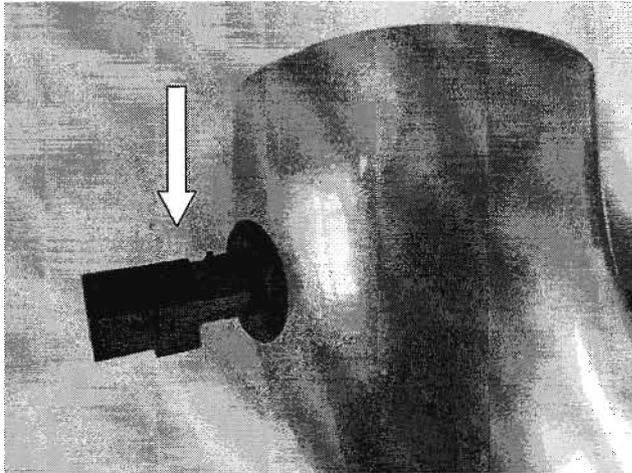
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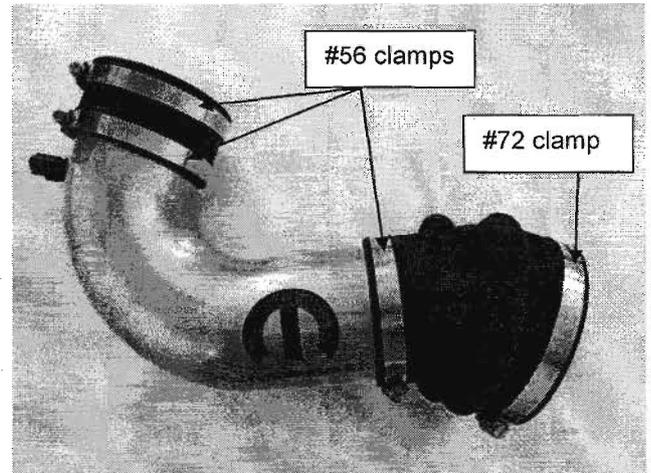
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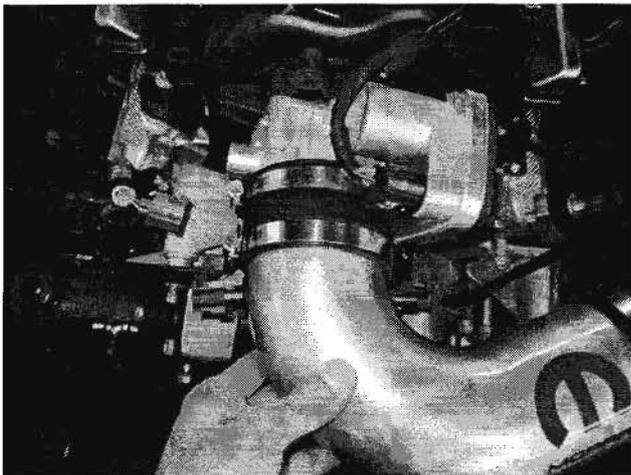
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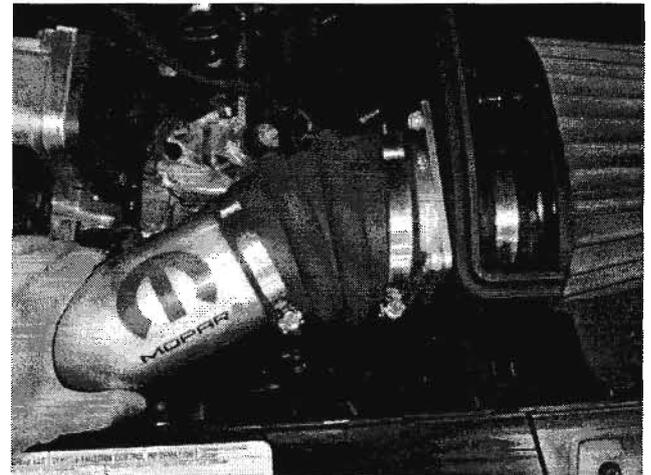
n) Insert the IAT into the grommet on the intake tube as shown. **Note: The orientation of the sensor probe inside the tube does not affect performance.**



o) Attach the supplied hose adaptor and hose clamps to the intake tube as shown.



p) Attach the straight hose adaptor to the throttle body. **Note: Only tighten the hose clamps when desirable tube placement is achieved.**



q) Attach the elbow hose adaptor to the air box. **Note: Only tighten the hose clamps when desirable tube placement is achieved.**



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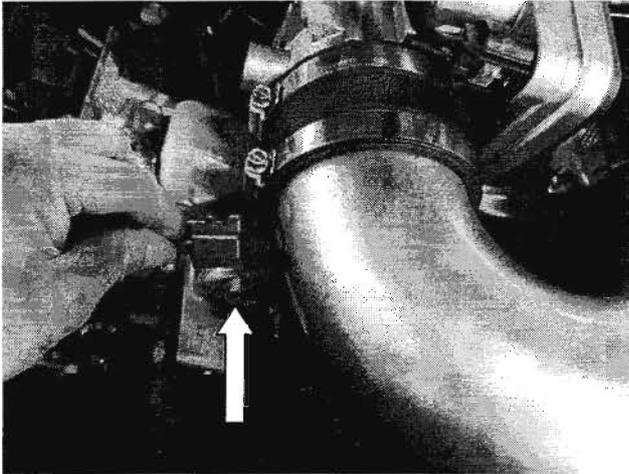
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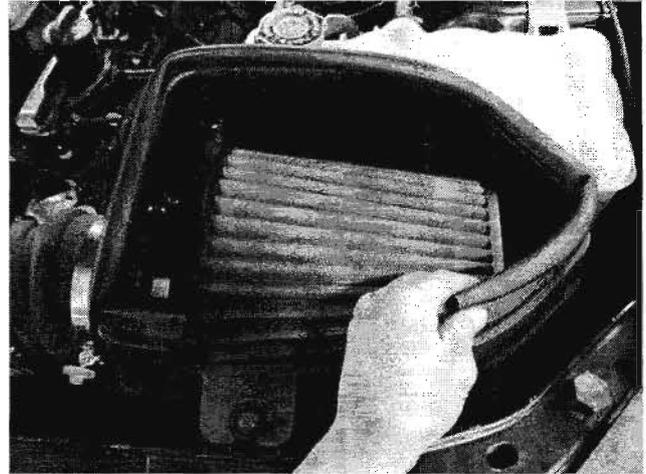
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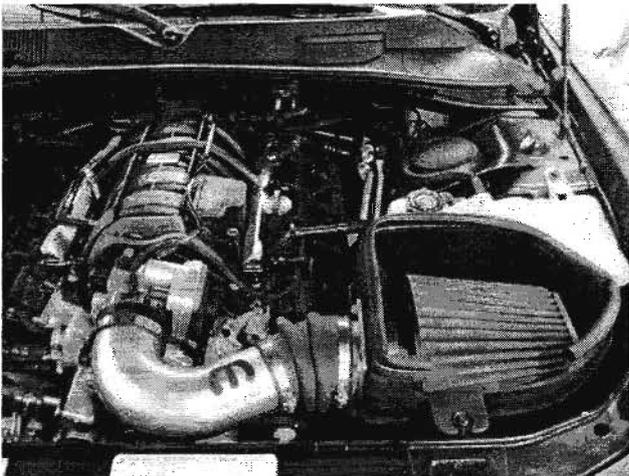
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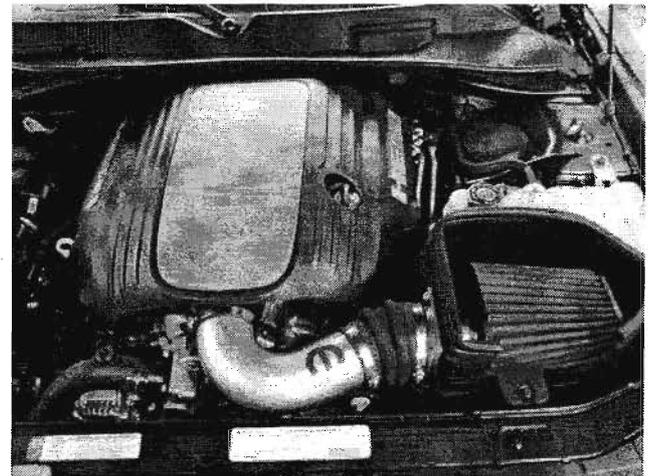
r) Connect the IAT sensor harness to the IAT sensor.



s) Install the supplied rubber edge trim on the MOPAR cold air box as shown.



t) Edge trim installed on the MOPAR cold air box.



u) Factory engine cover reinstalled.



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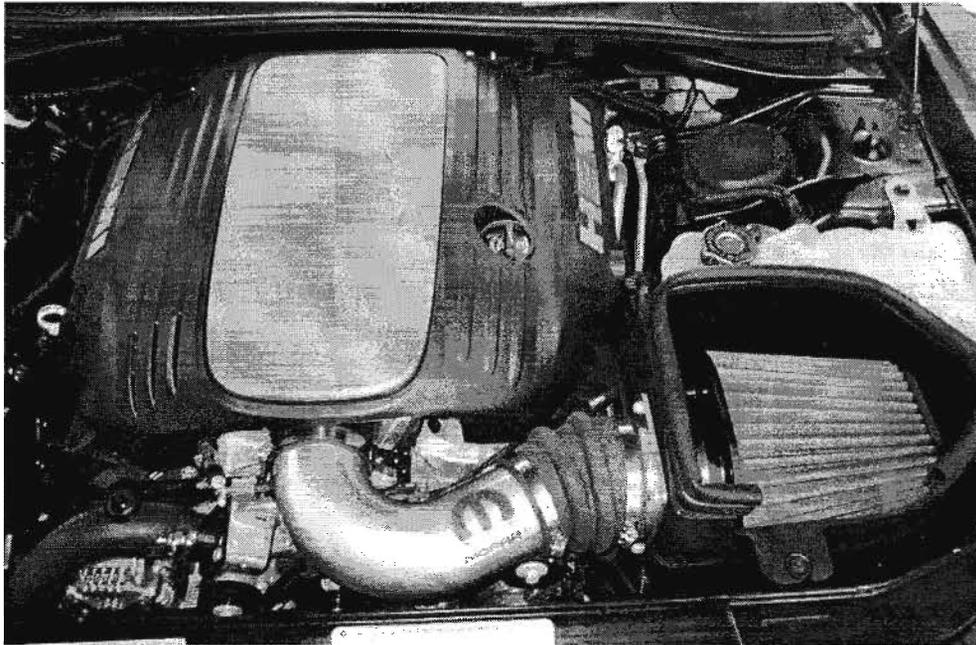
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This is how your MOPAR Cold Air Intake kit should look when properly installed.

4) Re-Assemble the vehicle.

- a) Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tight.
- b) Re-check clearance for all hoses and tighten all hose clamps.
- c) Reconnect negative battery terminal.
- d) Start engine. Let car idle for 3 minutes. Perform a final inspection before driving the vehicle.



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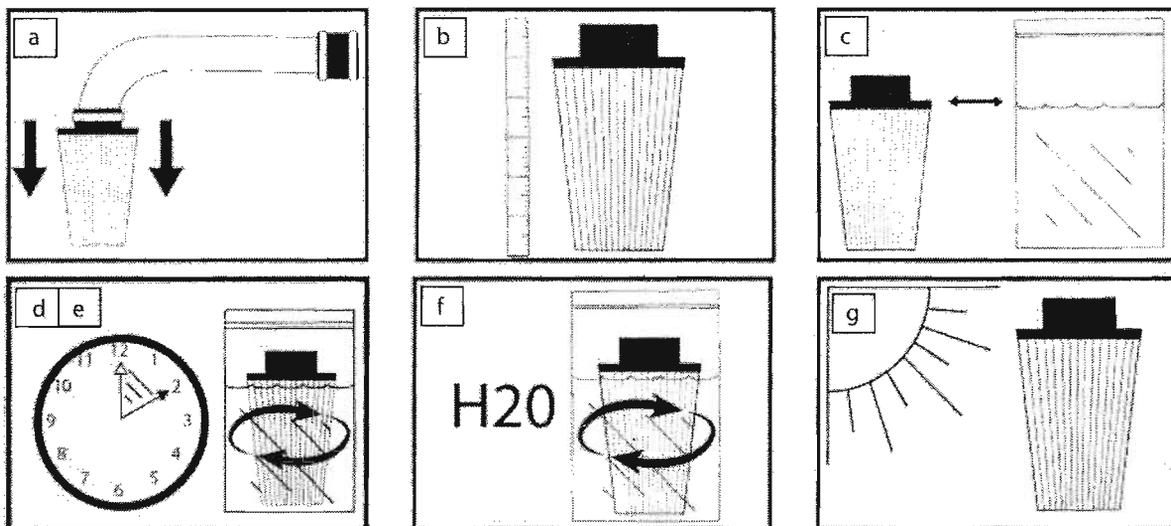
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5) Cleaning Instructions: MOPAR DRYFLOW Air Filter

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

- Remove the air filter from intake system and set the filter clamp aside.
- Measure the length of the filter media.
- 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.
- 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.
- Empty the bucket of dirty water. Repeat steps C and D.
- 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.
- Allow the filter to air dry. Re-install the filter on the intake system once it is dry.



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