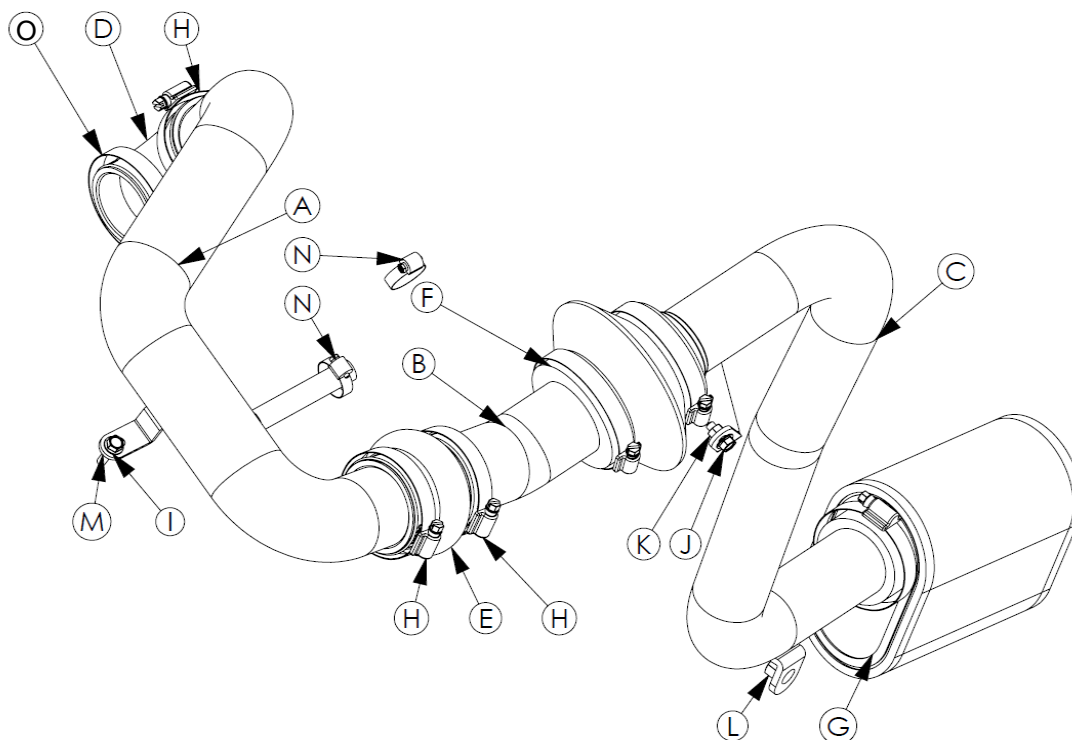




Bill of Materials for 77070046

A	1	27037	Main Air Inlet Tube
B	1	27041	Transition Air Inlet Tube
C	1	27053	Cold Air Inlet Tube
D	1	03108	Hose, Elbow 2 ¼" to 2" ID
E	1	08651	Hump hose
F	1	20-400ST-OE	Air By-Pass Valve
G	1	MP-M-1005	Air Filter Kit 6 ¼" x 3 ¾" x 5 ½" Oval Dry Media
H	3	08530	Hose Clamp #36
I	1	07824	M6 Hex Bolt 25mm Length
J	1	08373	M6 Hex Bolt 16mm Length
K	1	07529	M6 Nut (10mm AF)
L	1	07532	M10 Nut (14mm AF)
M	1	06502	Nylon Spacer
N	2	08411	Hose Clamp #10
O	1	08507	Hose Clamp #32
	1	K6857284	Instructions
	1	11-77070046	CARB EO Decal





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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) If engine has run within the past two hours let it cool down.

2) Removing the stock air intake system

- a) We recommend that you do not discard your stock air intake system.



- b) Factory air intake system. Gently pull up on the engine cover and remove it from the engine bay. **The engine cover will not be re-installed. We recommend that you do not discard the engine cover.**



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c) Disconnect both battery terminals and remove the battery stay on the battery tray.



d) Remove the battery from the engine bay and set it aside.



e) Loosen the three M6 bolts securing air box to the engine.



f) Loosen and remove the M6 bolt securing the air duct to the radiator support.

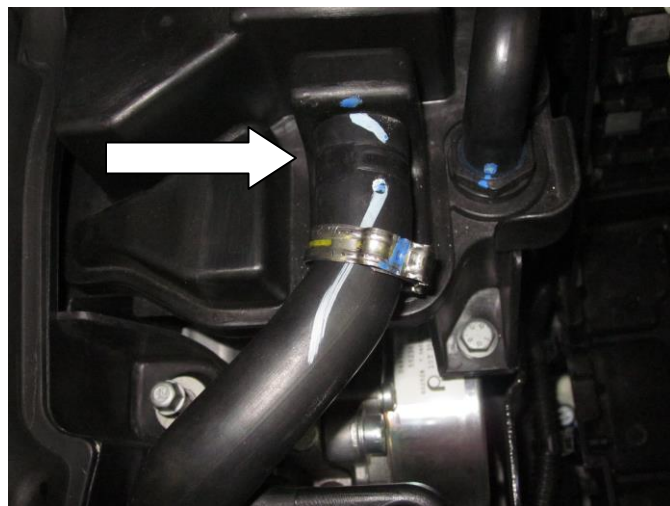


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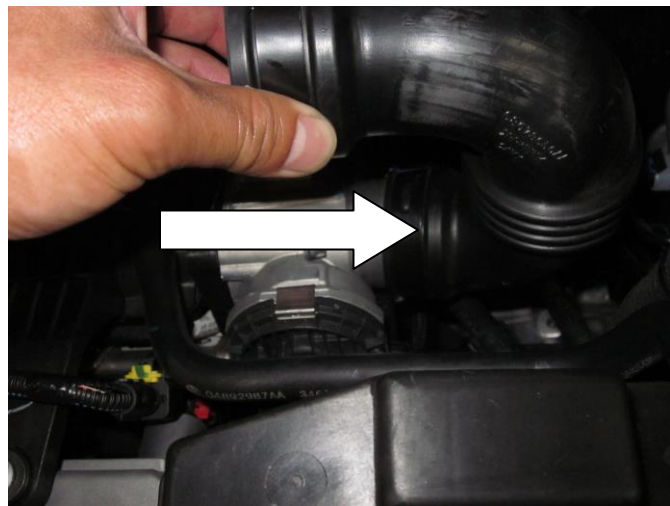
g) Loosen the clamp on the hose to the air box and detach the hose from the air box.



h) Use a pair of pliers to un-fasten the hose clamp at the breather canister and remove the vent hose. Please keep the vent hose as it will be reinstalled later.



i) Lift the air box up and out of the engine bay. **We recommend that you do not discard the factory air box.**



j) Lastly, loosen the hose clamp on the air inlet tube to the throttle body and remove the tube.



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3) Installation of the MOPAR Cold Air Intake

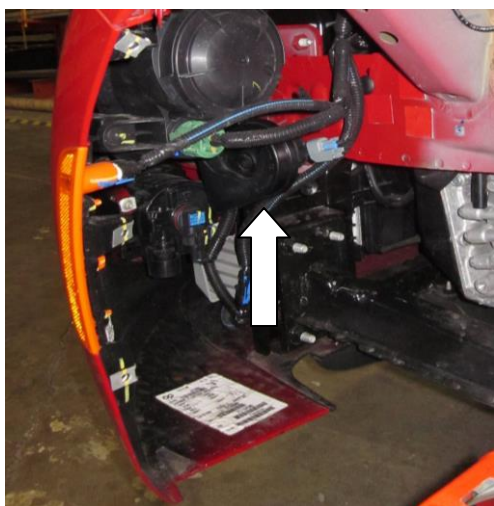
*When installing the MOPAR Cold Air Intake System, DO NOT completely tighten the hose clamps or mounting tab hardware until instructed to do so later in these instructions. Check to see that the inside of the inlet tubes and air filter are clean and free from any foreign objects and/or obstructions



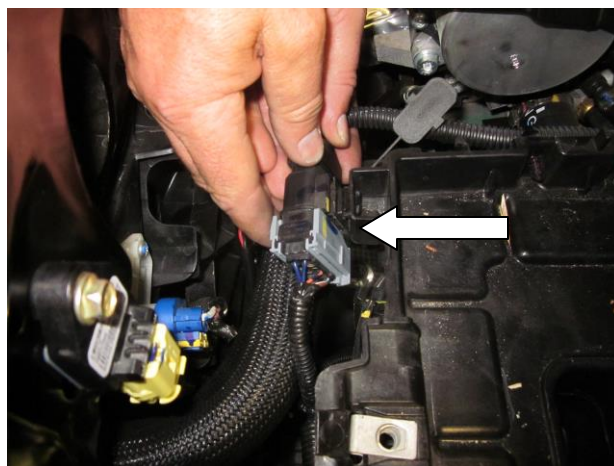
a) Properly jack up and support the vehicle and remove the front driver side wheel.



b) Remove the five (5) Phillips head screws and one (1) M6 nut securing plastic fender liner to the vehicle.
Note: There is one screw on the bottom of the plastic liner.



c) With the screws removed the fender liner can be peeled back to gain access to the horn. Loosen the M8 bolt and rotate the horn so the opening of the horn is facing forward. Tighten the M8 bolt after completion.

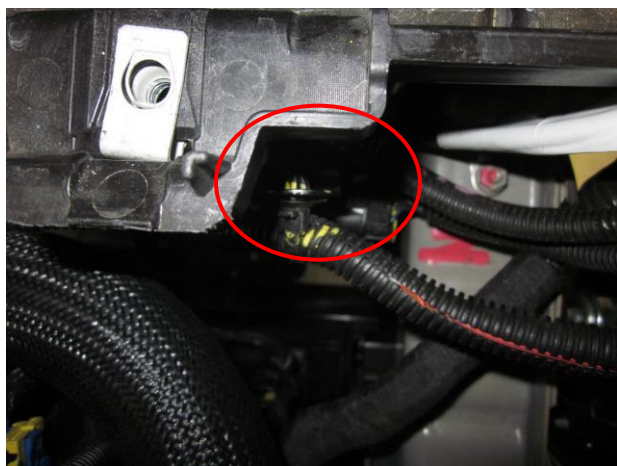


d) Unclip the wiring harness holder from the battery tray with a gentle pull.

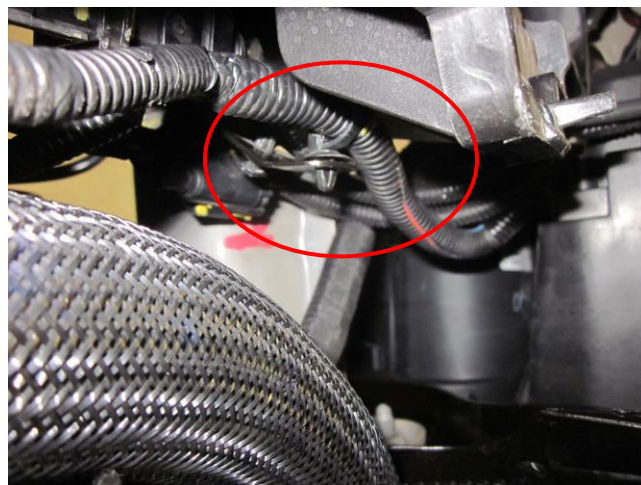


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e) Unclip the lower harness retainer with a pair of needle nose pliers to release it from the holder.



f) Move the harness to the opposite side of the holder and clip the retainer to the holder as shown. This will provide more clearance for the Cold Air Inlet tube.



g) With care, guide the Cold Air Inlet tube through the space between the battery tray and radiator hose, down to the lower inner bumper area. **Note: It's a good idea to keep the plastic sleeve over the tube to protect the finish from being scratched.**

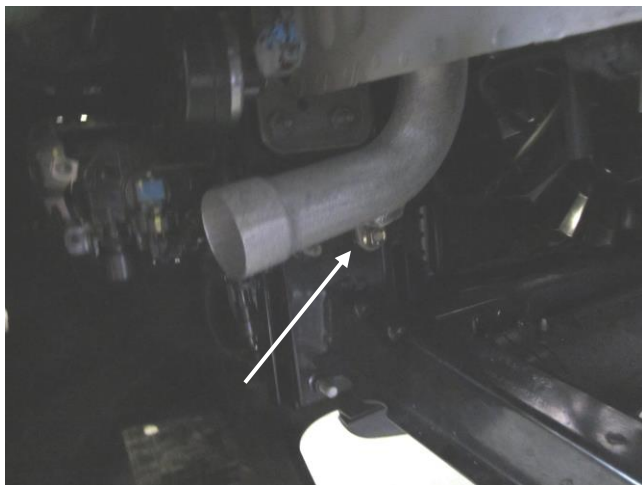


h) Line up the upper support bracket on the Cold Air Inlet tube to the core support and secure with supplied M6x16mm bolt and nut.



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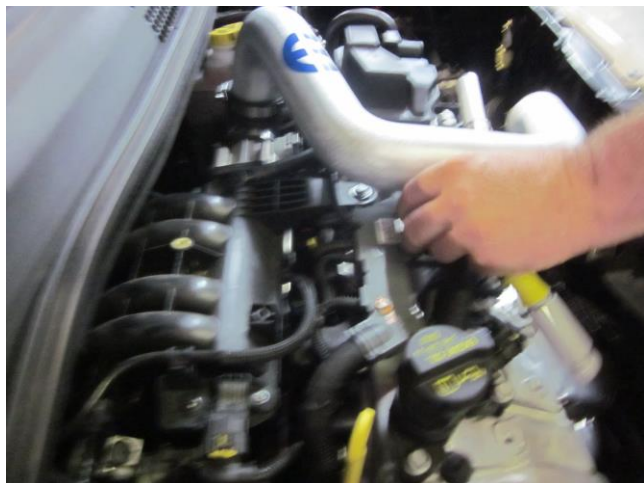
PART NUMBER 77070046



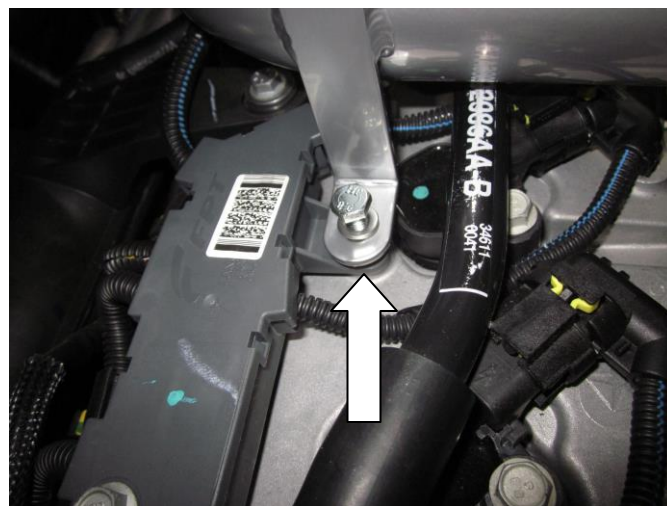
i) Line up the lower support bracket on the Cold Air Inlet tube to the stud on the bumper support and secure with supplied M10 nut.



j) Attach the 90 degree elbow hose to the throttle body with supplied #40 hose clamps. Do not fully tighten the hose clamps at this point.



k) Insert the Main Air Inlet Tube into the 90 degree elbow hose on the throttle body. Do not fully tighten the hose clamp.



l) Line up the support bracket on the Main Air Inlet Tube to the threaded hole on the valve cover and attach with supplied M6x25mm bolt and nylon spacer. **Note: Place the nylon spacer between the support bracket and the valve cover.**

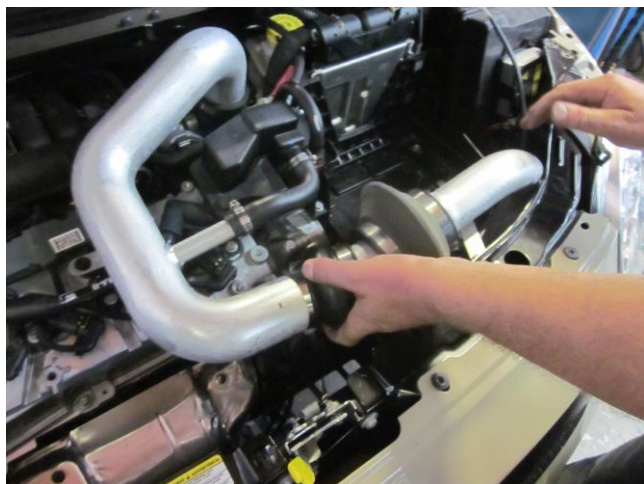


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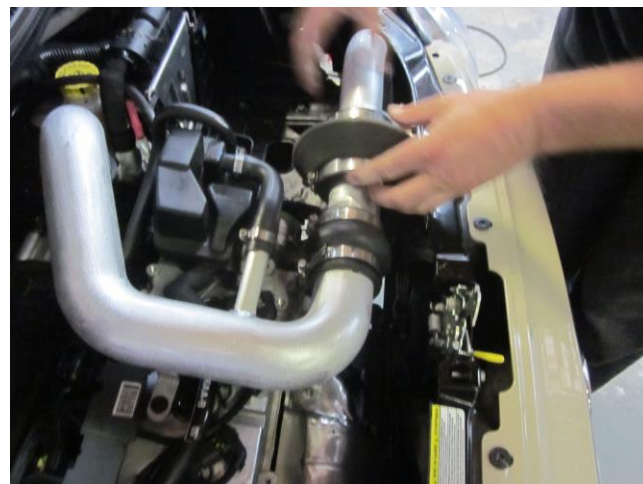
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m) Assemble the hump hose, Transition tube, and Air-Bypass valve in the order shown in the picture. Keep the clamps loose as adjustments may be necessary during fit up.



n) Attach the assembly from step m) to the Main Air Inlet tube. Do not tighten the hose clamp at this point.



o) Attach the other end of the assembly to the to the Cold Air Inlet tube. Do not tighten the hose clamp at this point.



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p) Attach the factory vent hose removed in page 4 step h) to the factory breather canister as shown. .



q) Attach the vent hose to the main air inlet tube with supplied #10 mini hose clamps as shown.



r) Tighten all hose clamps on the throttle body and main air inlet tube after all tubes have been adjusted to have ample clearance.

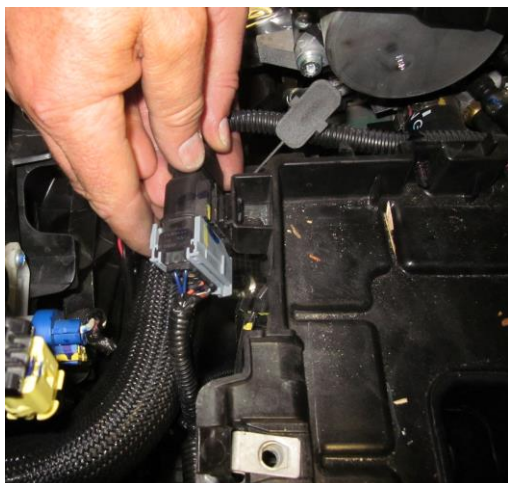


s) Tighten all hose clamps on the hump hose and air bypass valve after all tubes have been adjusted to have ample clearance.

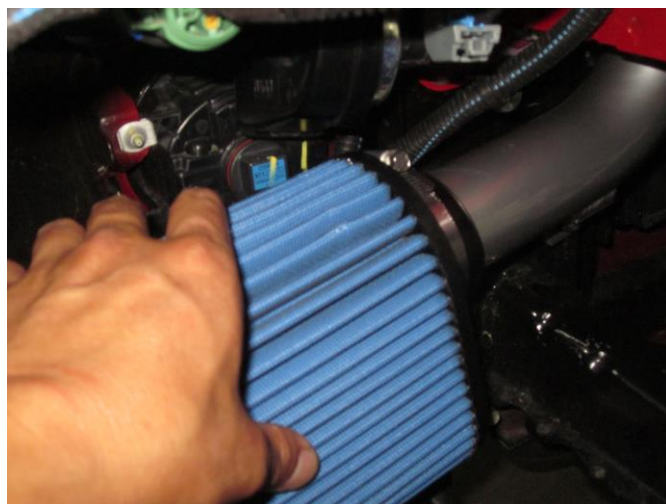


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t) Clip the wiring harness holder back onto the battery tray.



u) Install the Dry Flow air filter to the Cold Air Inlet tube and tighten the hose clamp. Make sure the air filter is not in contact with any adjacent parts.



v) Install the screws securing the plastic fender liner to the front bumper; Install the wheel back on the vehicle, torque the lug bolts to manufacturer's recommend specification.



w) Install the battery and attach the battery stay to the tray.



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This is how the MOPAR Cold Air Intake System should look.

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.



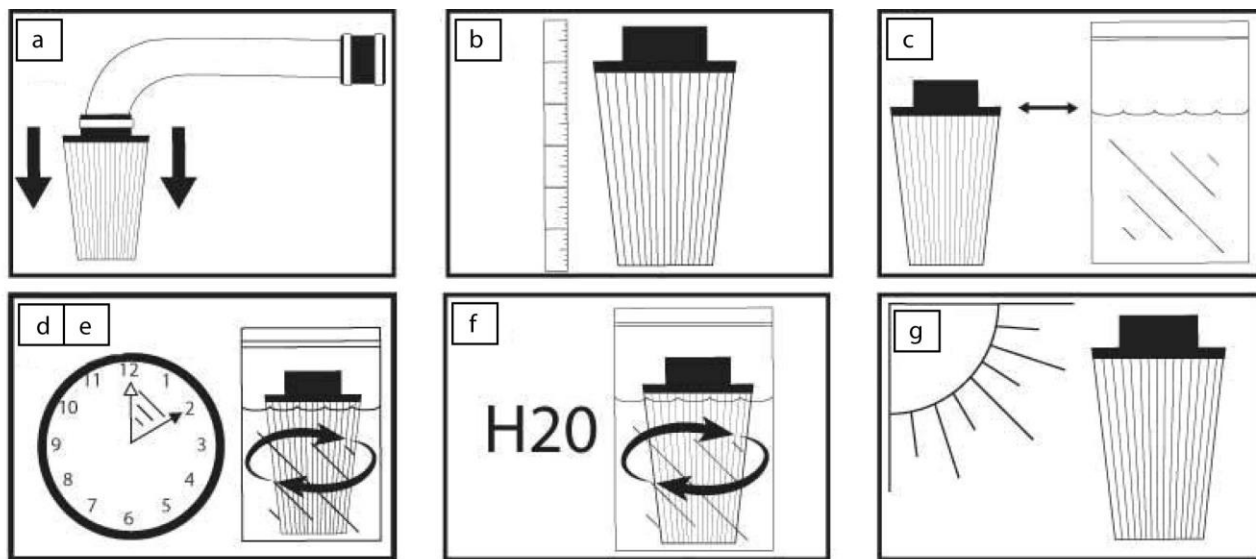
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5) Dry Filter cleaning procedure

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

- Remove filter from intake pipe 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 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. **DO NOT APPLY ANY OIL TO THIS FILTER.** 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).