



COLD AIR SYSTEM

Installation Instructions for:
Part Number 21-505
2002-2005 Acura RSX Base MT

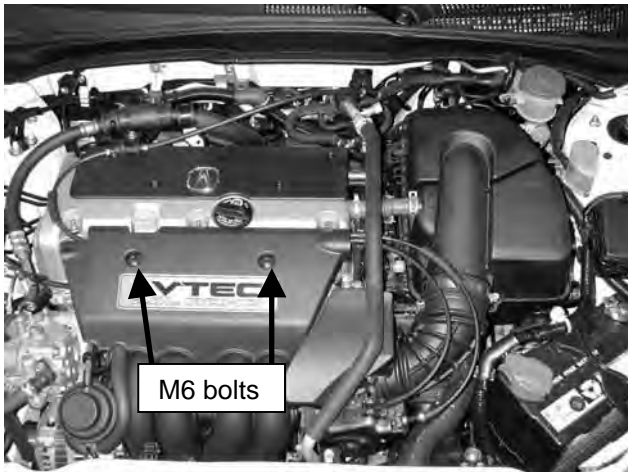
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Instructions Part Number: 10-7063
2002-2004 Acura RSX Base MT K20A3 C.A.R.B. E.O. #D-392-20
2005 Acura RSX Base MT K20A3 C.A.R.B. E.O. #Pending
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Read and understand these instructions **BEFORE** attempting to install this product.

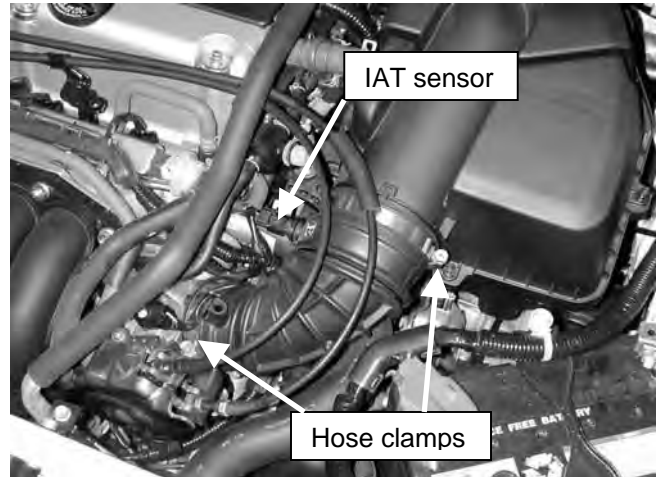
1) Getting Started

- a) Make sure vehicle is parked on a level surface.
- b) Set parking brake.
- c) Jack the front of the vehicle and support using properly rated jack stands.
- d) Remove the front left wheel.
- e) Remove the left fender well lining. Remove the lower splashguard. Set aside as they will be re-installed on the vehicle.
- f) Disconnect negative battery terminal.
- g) If engine has run within the past two hours let it cool down.

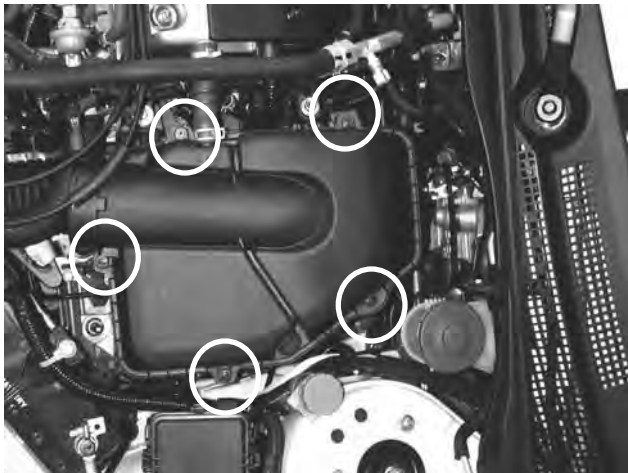
2) Removal of the stock intake system.



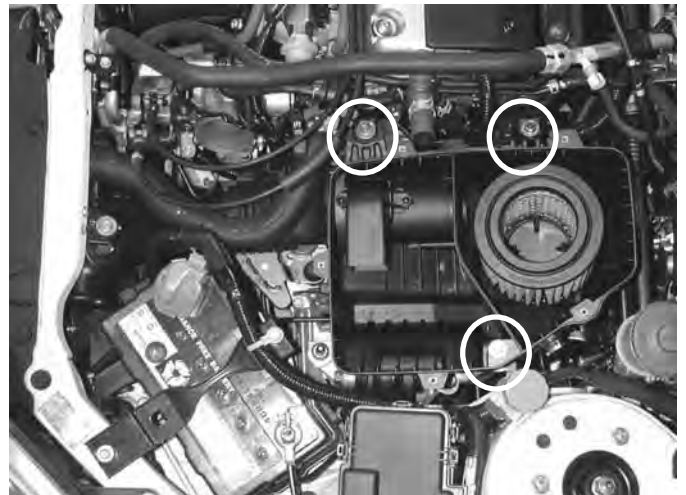
A) Remove the two M6 bolts holding down the injector cover and remove the cover.



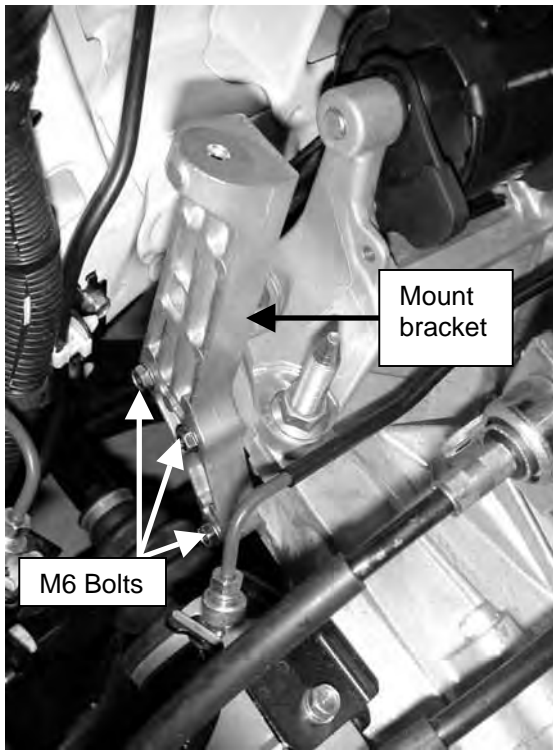
B) Loosen the two hose clamps securing the stock intake tube to the throttle body and filter box. Unplug the intake air temp (IAT) sensor, and remove the stock intake tube.



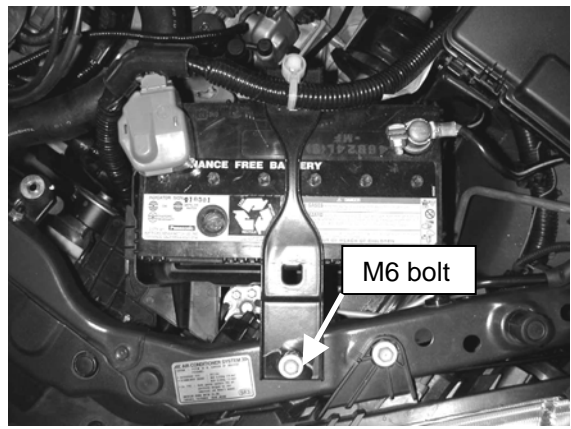
C) Loosen the 5 Phillips head screws and remove the air filter box cover.



D) Loosen the two M6 bolts and the M6 nut securing the air filter box and remove it.

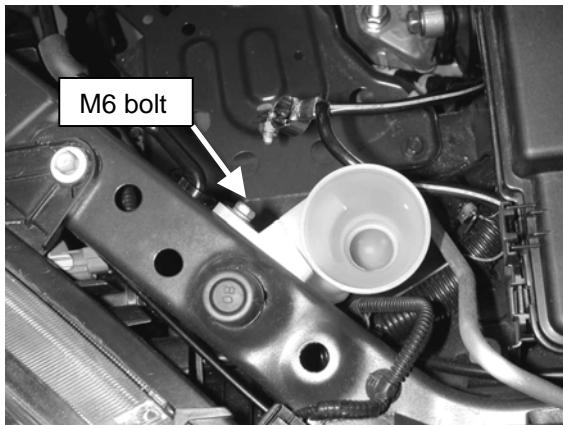


E) Remove the three M6 bolts that secure the air box support bracket and save them for later use. Remove the air filter box mount bracket.

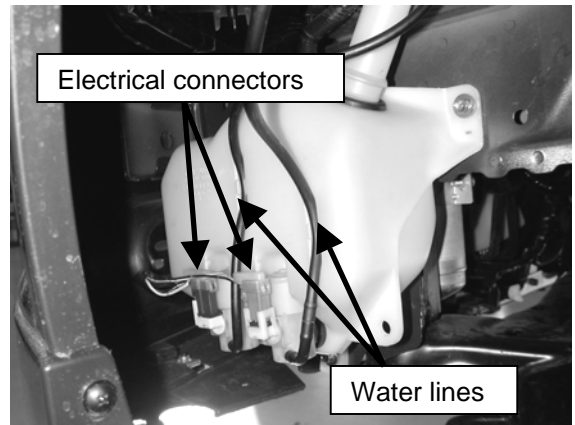


F) Remove the positive cable from the battery. Remove the M6 bolt securing the battery tie down in place. Remove the battery and trays.

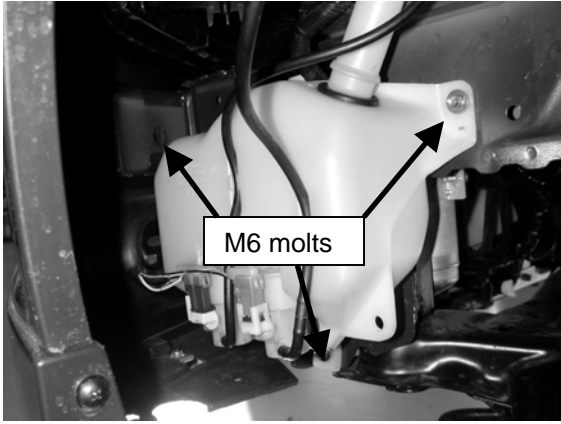
3) Removal of stock windshield washer bottle.



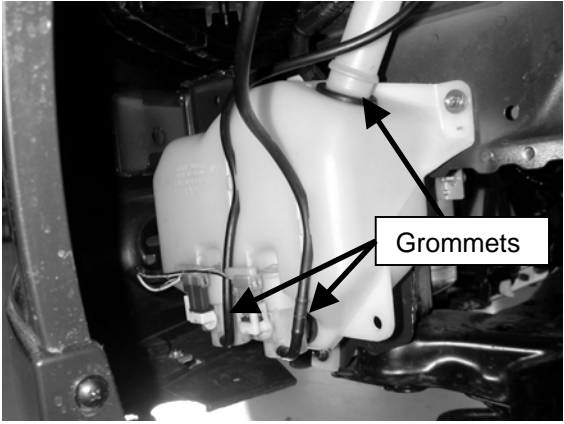
A) Remove the M6 bolt securing the washer bottle filler neck. Remove the washer bottle filler neck by pulling it up.



B) Remove the electrical connectors and water lines from the windshield wiper motors. Drain washer bottle fluid into a suitable container.



C) Remove the three M6 bolts securing the washer bottle in place. Pull the filler tube out of the bottle.



D) Remove the two pumps by pulling them from the rubber grommets. Remove the two grommets from the washer bottle along with the grommet for the filler tube.



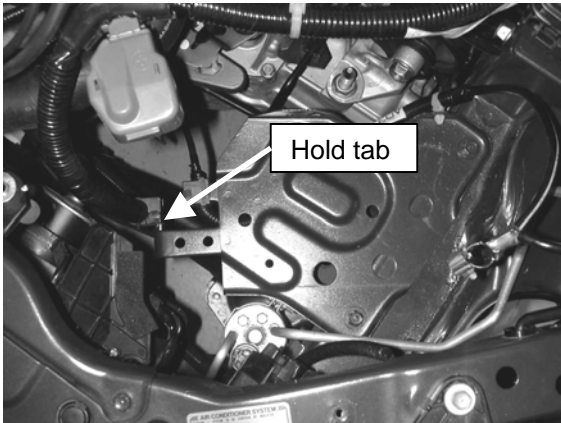
E) Reinstall the two pump grommets and the fill tube grommet on the replacement washer bottle as shown. Wet the grommets with soapy water and insert the two washer pumps and fill tube.



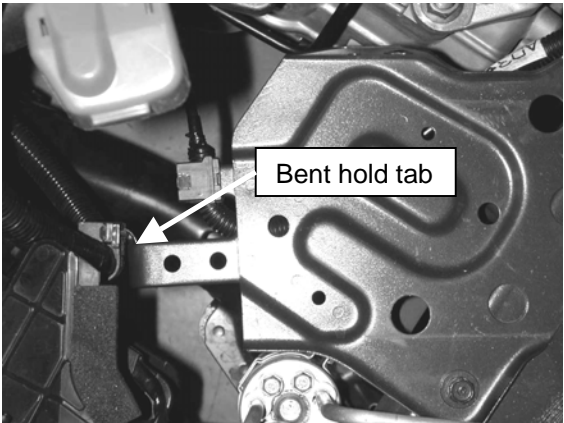
Secure the new washer bottle with the three air box bracket bolts removed in step 2E. Reconnect the two feeder lines and the two electrical connectors to the pumps.

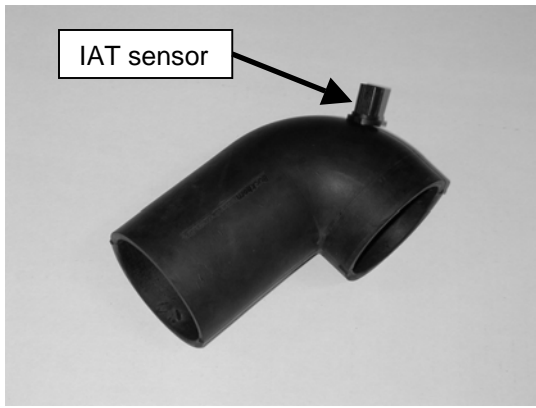
4) Installation of the AEM Cold Air Intake System.

A) When installing the Cold Air Intake System, DO NOT completely tighten the hose clamps or mounting tab hardware until instructed to do so later in these instructions.

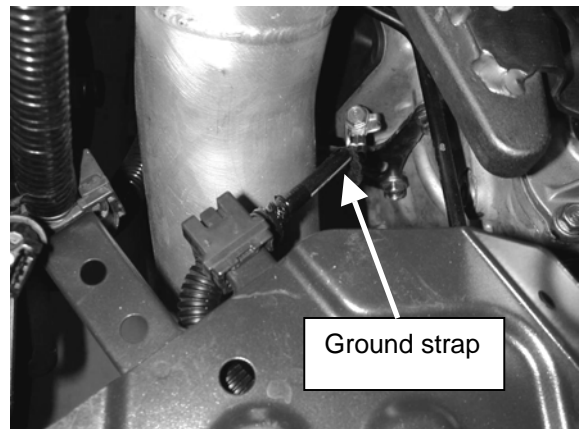


B) With a pair of pliers bend the positive battery cable hold tab 90 degrees.

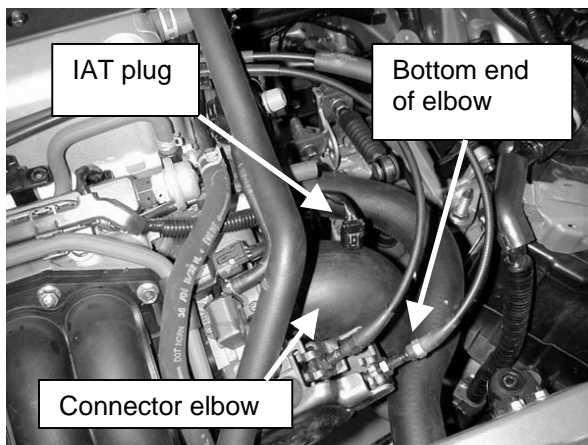




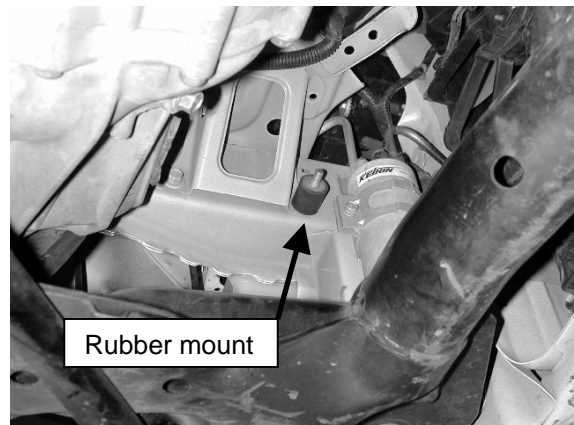
C) Install the inlet air temp sensor. A small amount of lubricant can be used on the I.D. of the hole to make installation easier.



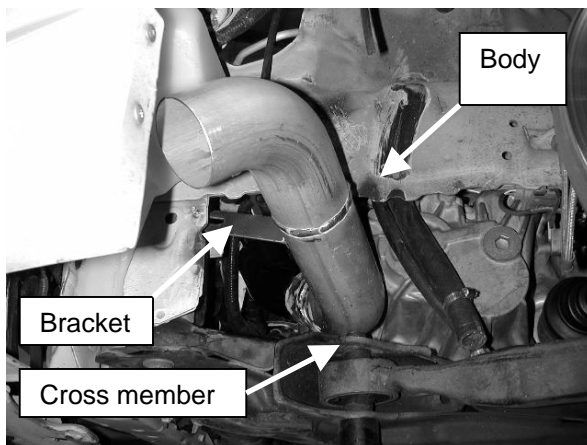
D) Loosen the bolt securing the ground strap to the transmission bracket and rotate so that it is installed in this manner.



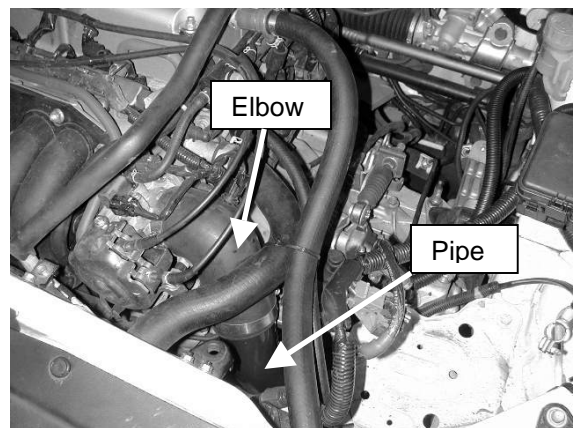
E) Using supplied a No. 44 clamp, Install the supplied connector elbow onto the throttle body, and reconnect the IAT sensor. Slide supplied No. 44 clamp onto bottom end of elbow in preparation for pipe install.



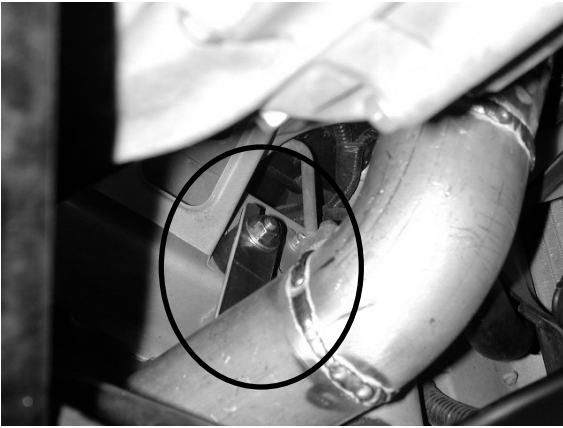
F) Remove the bolt under the battery tray and replace it with the supplied rubber mount as shown. **Failure to install the rubber mount will void all warranties of the Cold Air System.**



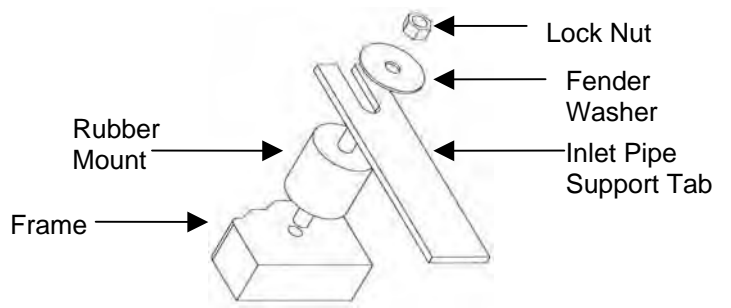
G) For ease of pipe installation, route pipe between cross member and body with bracket oriented to the upper left as shown.



H) Install pipe into lower end of elbow as shown.



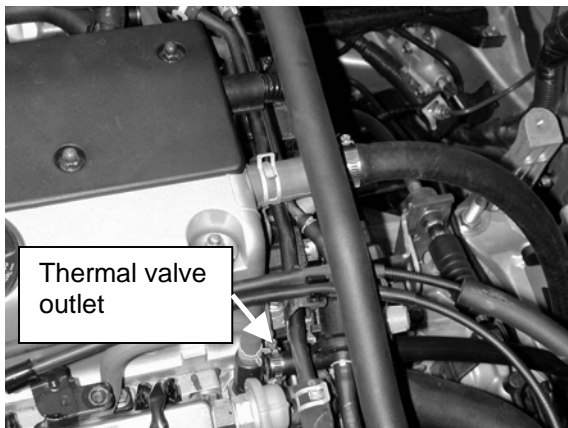
I) Secure the mounting bracket to the rubber mount with the supplied washer and Nylok nut.



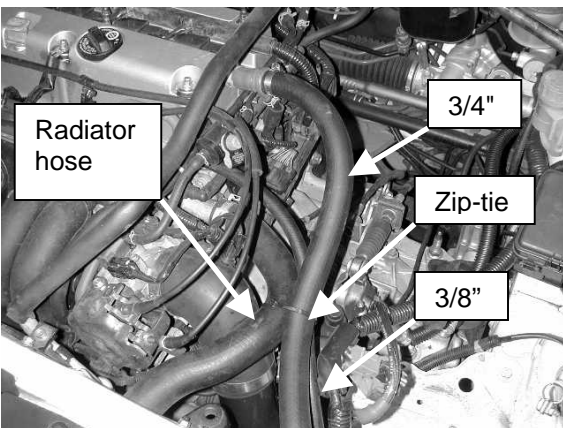
J) Proper rubber mount installation.



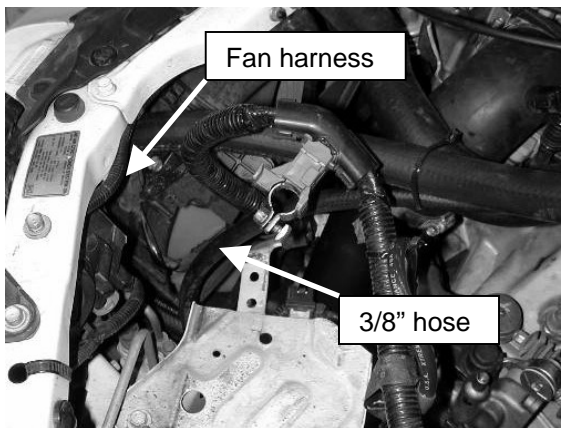
K) Install the AEM air filter onto the lower end of the inlet pipe.



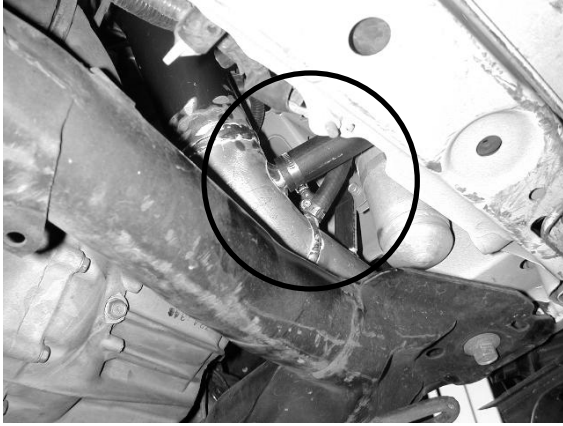
L) Connect the supplied 3/4" hose to the valve cover breather tube and the 3/8" hose to the thermal valve outlet, using the supplied clamps.



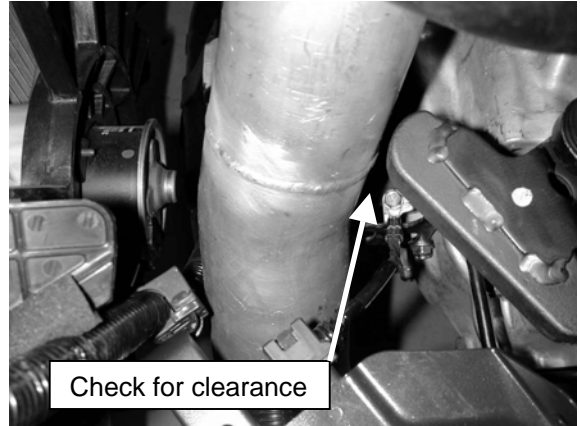
M) Secure 3/4" and 3/8" hoses to upper radiator hose with supplied 11" zip-tie.



N) Route the 3/4" breather tube behind the fan wiring harness. Route the 3/8" hose between fan shroud and battery tray as shown.

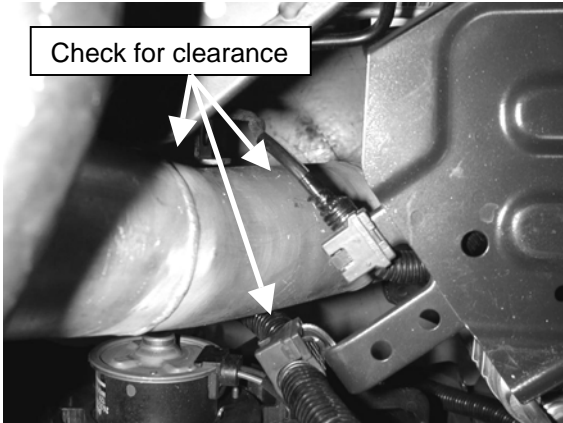


O) Connect the 3/4" and 3/8" hoses to the Cold Air System pipe, and secure with the supplied clamps as shown.



Check for clearance

P) Check for clearance between the intake pipe and the shift arm. **Watch the arm as it is shifted through its full range of motion.**



Check for clearance

Q) Check for clearance between the pipe and surrounding objects.



R) The fender liner *must* be trimmed for the intake system to fit properly. **Trim and reinstall the fender liner. Failure to do so will void the warranty.**



S) AEM Cold Air Intake System installed.

5) Re-assemble the vehicle

- a) Position the inlet pipe for best fitment. Be sure that the pipe or any other components do not contact any part of the vehicle.
- b) Tighten all hose clamps.
- c) Tighten the nut on the mounting tab.
- d) Reinstall left front wheel. Torque lug nuts to 85 lb-ft.
- e) Re-install the battery tray, battery and battery hold down bracket. Note: When the battery has been disconnected and reconnected, some abnormal drive symptoms may occur while the vehicle relearns its idle characteristics. The vehicle may need to be driven 10 miles or more to relearn the idle curve
- f) Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are tight.
- g) Start engine and perform a final inspection before driving the vehicle.