

# AIR RAID®

## INTAKE SYSTEMS

### #300-175 INSTALLATION INSTRUCTIONS

### '05-06 Dodge Dakota/ 06 Mitsubishi Raider 4.7L V-8

Thank you for purchasing the Airaid Intake System. Please read the instruction manual carefully before proceeding with the installation. Contact Airaid @ (800) 498-6951 8:00 AM - 5:00 PM MST weekdays for questions regarding fit or instructions that are not clear to you. Your Airaid Intake System was carefully inspected and packaged. Check that no parts are missing, or were damaged during shipping. If any parts are missing, contact Airaid. The air filter element is protected from direct exposure to water and debris; care should be taken not to drive through deep water. WATER INGESTION IS THE DRIVERS RESPONSIBILITY! The air filter is reusable and should be cleaned using the Airaid Filter Tune-Up Kit periodically.

*Thank you for selecting Airaid.*



#### Packing List:

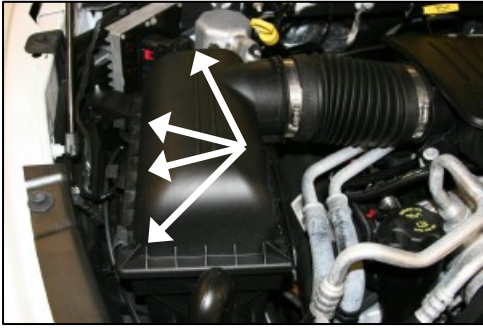
720-440	Airaid Premium Filter	1
KIT165DC	Quick Fit Panel	1
KIT965T	Black Plastic Intake Tube	1
KITRDCR01	Silicone Hose Reducer	1
KITHUMPHS02	Silicone Hump Hose	1
KITWSTRIP02	Weather Strip 27 1/2"	1
KIT175HP	Hardware & Instructions	1
- KITHS48	#48 Hose Clamp	1
- KITHS52	#52 Hose Clamp	1
- KITHS56	#56 Hose Clamp	2
- KITSNP19M4	#19 Black Speed Clamp	1
- KITGRMT03	Grommet	1

#### Tools Required for this Installation:

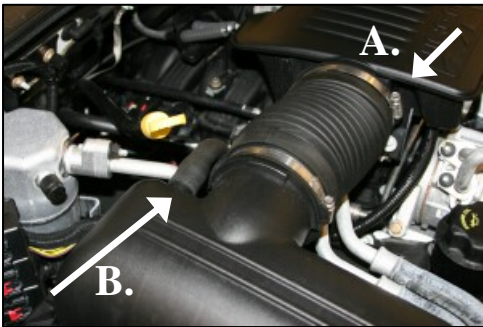
5/16" & 10mm Sockets  
Ratchet & Extension



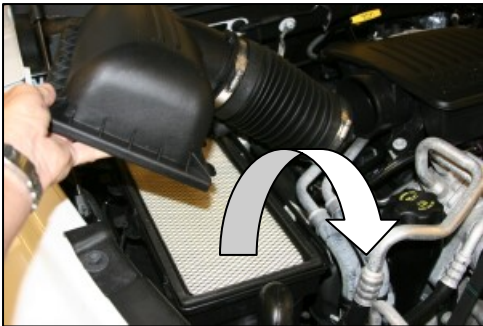
## Installation Instructions. Read Me!



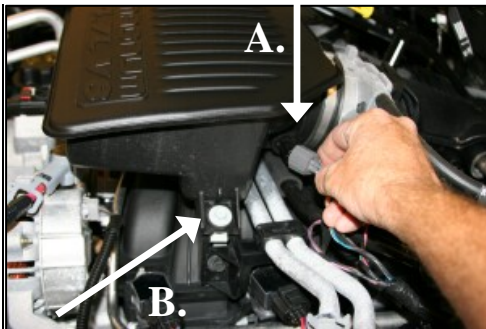
1. **Disconnect the negative battery cable.** Unlatch the 4 clips on factory airbox.



2. A.) Loosen hose clamp on the resonator end of intake tube.  
B.) Disconnect breather hose from factory airbox.



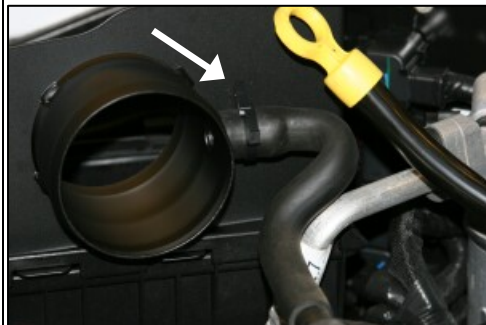
3. Remove the top of the factory airbox, and tube. Remove the factory air filter.



4. A.) Disconnect the air temperature sensor. B.) Remove 2 bolts (one on each side) that hold the resonator to the intake manifold and remove the resonator.



5. Install the Quick Fit Panel onto the top of the factory airbox. Slip the five tabs thru the slots on the airbox, adjust the panel on top and re-snap 2 of the latches.



6. Reconnect the breather hose to the Quick Fit Panel and install the speed clamp as shown.



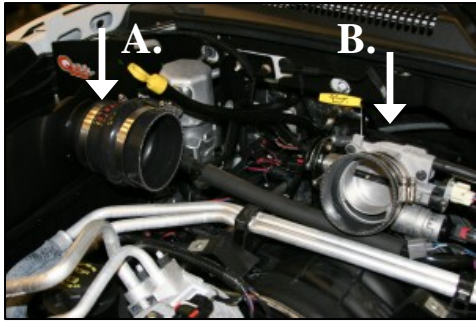
7. Install the supplied grommet into the Airaid Intake Tube.



8. Carefully twist and remove the air temp sensor from the factory resonator.



9. Carefully install the air temp sensor into the grommet in the Airaid Intake Tube. Make sure it goes all the way in.



**10.** A.) Install the hump hose on the Quick fit Panel. (Leave clamps loose.) B.) Install the reducing coupler on the throttle body. (Leave clamps loose.)



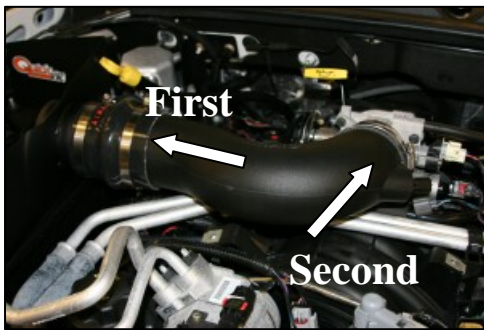
**12.** Reconnect the air temperature sensor.



**14.** Install the Airaid Premium Filter as shown, and tighten the clamp.

**15.** Recheck your work, make sure all clamps are tight, all hoses and wires are connected, and the intake path is clean of foreign debris.

**16.** Reconnect the negative battery cable.



**11.** Slide the Airaid Intake Tube into the hump hose first, and then into the reducer on the throttle body. Adjust the tube for fit, and tighten the clamps.



**13.** Install weather strip on Quick Fit Panel as shown. (Start at one end and work towards the other.)

After initial test drive, inspect all clamps and fasteners for proper tightness. In addition, periodically examine all clamps and fasteners for correct tightness.

*Before*

*After!*



# Don't Forget Your AIRAID Filter Tune-Up Kit!



P/N 790-550

Instructions Revision  
Date: 8/8/05