

# AIR RAID<sup>®</sup>

## INTAKE SYSTEMS

### #510-153 INSTALLATION INSTRUCTIONS

#### 99-00 Toyota Tacoma 3.4L

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:

700-451	Airaid Premium Filter	1
KIT153MAFC	MAF Air-Dam Panel	1
KIT134FPC	Front Air Dam Panel	1
KIT134A	Black Plastic Tube Adapter	1
KIT934T	Airaid Intake Tube	1
KITCOUPLER04	Silicone Hose Coupler	1
KITHUMPHS06	Silicone Hump Hose	1
KITWSTRIP02	Weather Strip 20"	1
KIT153HP	Hardware & Instructions	1
- KIT25C62HCSS	1/4-20 x 5/8" Hex Bolt	2
- KIT09FWZ019	1/4" Flat Washer	2
- KIT15BHCP50	8-32 x 1/2" SS Button Screw	2
- KIT6C31MXPPZ	6-32 x 5/16" Screw	4
- KIT6NWSAPZ	#6 Flat Washer	4
- KIT6CNKEPZ	6-32 Keps Nut	4

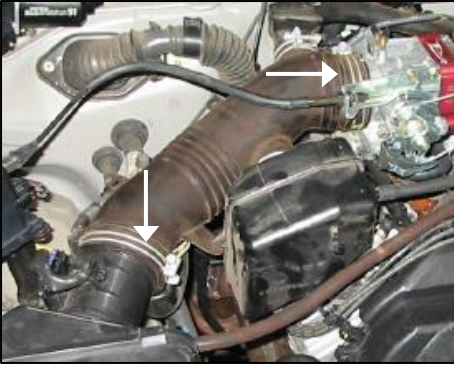
#### Packing List (cont'd):

- KIT20CSCZ160	8mm x 1.25 Hex Bolt	3
- KIT25NWUSPZ	5/16" Flat Washer	3
- KITFITTING01	1/4" NPT, 3/8" Barb Fitting	1
- KITFITTING02	1/4" NPT, 1/4" Barb Fitting	1
- KITFITTING03	1/2" x 5/8" Connector	1
- KITHS44	#44 Hose Clamp	2
- KITHS48	#48 Hose Clamp	2
- KITHOSE01	1/2" x 4" Heater Hose	1
- KITHOSE03	1/4" x 16" Vacuum Hose	1
- KITSNP16M4	#16 Black Speed Clamp	2
- KITSPACER01	3/8" Nylon Spacer/Washer	2

#### Tools Required for this Installation:

10 mm, 12 mm, & 13mm Sockets  
 Flat Head & Phillips Screwdriver  
 3/32" Allen Wrench  
 1/2" & 9/16" Wrench

## ***Installation Instructions. Read Me!***



1. Disconnect the negative battery cable, then, loosen the two hose clamps on the factory intake tube.



2. Remove factory vacuum lines / hose from the factory air box and intake tube. (*Note: Retain the 3/8" vacuum hose*)



3. Disconnect the electrical connector from the Mass Air Sensor.



4. With a 12mm socket, remove the three bolts securing the factory air box assembly & remove the factory air box assembly from vehicle.



5. Loosen the two screws on the Mass Air Sensor and remove the sensor from the factory air box. Retain sensor for later use.



6. Assemble the Airaid Cool Air Dam using four small screws, washers, and nuts provided.



7. Using two supplied 1/4-20 bolts and washers, mount the Airaid filter adapter to the Airaid Cool Air Dam.



8. Using the two 8/32 Allen head screws and two plastic spacers provided, mount the factory Mass Air Sensor to the Airaid filter adapter tube. (*Note: the plastic spacers are placed between the Mass Air Sensor and the Filter Adapter Tube with the screws sliding through the spacers.*)

***Continued on next page...***



9. Install two supplied 1/4" barbed fittings in Airaid intake tube. (*Note: Install 3/8" fitting in the forward hole and the 1/4" fitting in the back hole*) Slide hump hose and two #48 hose clamps on large end of intake tube and slide coupler with two #44 hose clamps on small end of tube. (*Note: leave all hose clamps loose for final assembly*)



10. Position the Airaid intake assembly in place of the original, factory assembly. Using three supplied 8mm bolts and washers, mount the Airaid assembly using the three original/factory mounting points.



11. Connect the Airaid intake tube to the engine by sliding the coupler over the throttle body & adjust the intake tube to insure proper alignment from the throttle body to the air filter adapter. (*Note: Leave a gap between the tube and the air filter adapter to allow for engine movement*)



12. Reinstall the electrical connector to the Mass Air Sensor.



13. Connect factory 3/8" vacuum line to nylon fitting on intake tube & connect steel tube on intake manifold to 1/4" fitting on intake tube with 1/4" vacuum line provided.



14. Using supplied 5/8" to 1/2" barbed connector and 1/2" x 4" hose; connect the factory hose located by the throttle body to the Airaid intake tube. Use two supplied #16 Speed clamps to secure the hose to the barbed ends.



15. Mount the Airaid premium air filter inside the Cool Air Dam & press weather strip onto the top of the Cool Air Dam. (*Hint: start at a corner and work towards the ends*)

16. Double check your work to be certain that all nuts, bolts, and clamps are securely fastened.

17. Reconnect the negative battery cable.



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: 07/14/06