

# SPEED BY SPECTRE®

*The 400mph Company™*

## Intake Installation Instructions

P/N 9002 (red filter) - P/N 9002B (blue filter)  
P/N 9002K (black filter) P/N 9002W (white filter)

### Year/Make/Model/Engine

2010-2014 Toyota FJ 4.0L V6  
2010-2014 Toyota 4Runner 4.0L V6

NOT LEGAL FOR SALE OR USE ON ANY POLLUTION  
CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR  
STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.

See Spectreperformance.com for CARB status on each part for a specific vehicle



### Parts List

- 1- Intake tube
- 1- Heat shield
- 1- Air filter
- 1- Velocity stack adapter
- 1- Rubber seal
- 1- 3.5" 22° Coupler
- 1- 3"-3.5" Reducer coupler
- 2- M4 machine screws
- 2- M8 Hex Bolts
- 2- M8 Washers
- 1- Vacuum hose
- 1- 6" Hose clamp
- 1- 3" Hose clamp
- 3- 3.5" Hose clamps

### Tools Required:

- Ratchet
- 10mm socket
- 12mm socket
- 14mm socket
- Socket extension
- 5/16 or 8mm nut driver
- Phillips screwdriver

For filter reorders ask at the  
special order counter of your  
local parts store or call:

1-909-673-9800

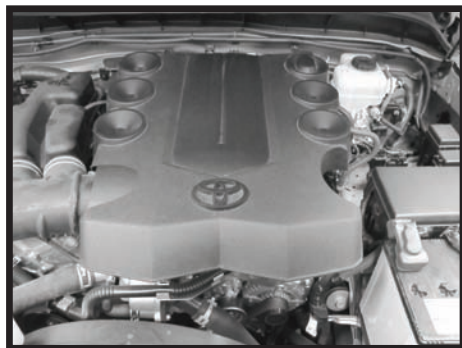
ask for: P/N HPR9892 (red filter)  
P/N HPR9892B (blue filter)  
P/N HPR9892K (black filter)  
P/N HPR9892W (white filter)



### Step 1

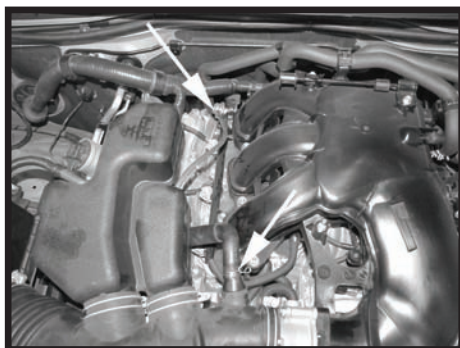
**Safety first! Before you begin the installation, make sure that the vehicle is in park (or neutral for a manual transmission) with the parking brake set. Disconnect the negative battery terminal and verify that all components that are listed are present. Note: This kit was designed and tested on a stock engine without any custom tuning done to the engine computer. Removing the battery cable may erase the programmed radio stations. The anti-theft code will need to be entered into some radios after the battery cable is connected. The anti-theft code can typically be found in the owner's manual or at your local dealership.**

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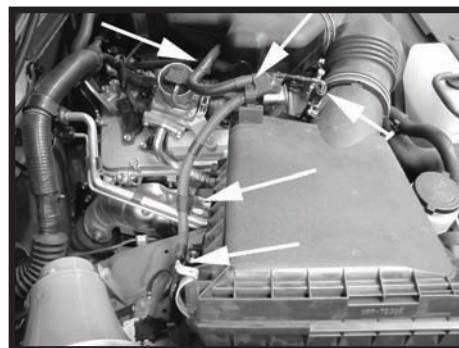
### Step 2

**Remove the engine cover.**



### Step 3

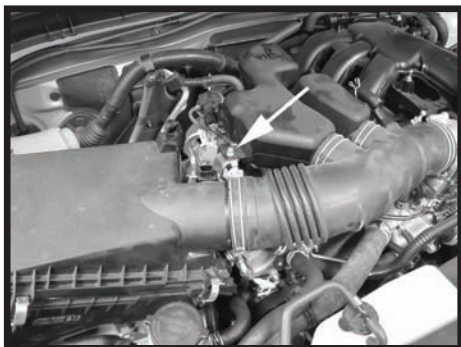
**Disconnect the fuel pressure vent line from the fuel pressure regulator and the crank case vent line.**



### Step 4

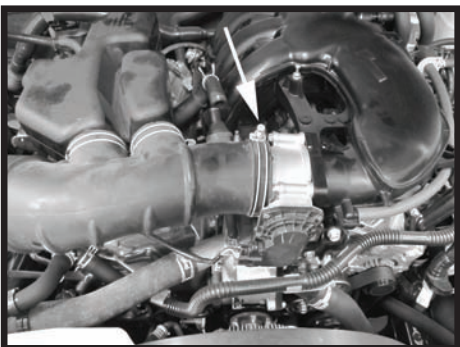
**Disconnect the Mass Air Flow Sensor (MAFS) connector. Unclip the wiring harness from the air box.**

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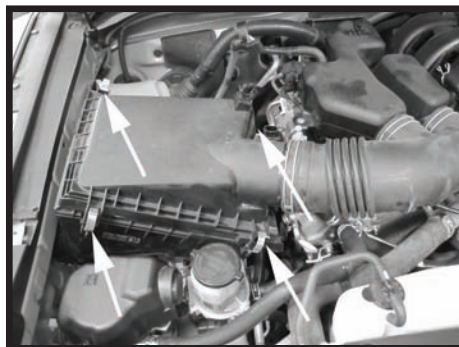
### Step 5

**Remove the mounting screw which holds the intake tube to the bracket.**



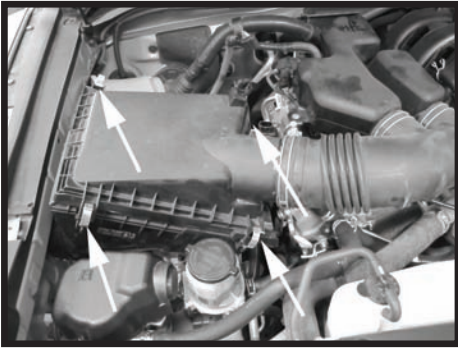
### Step 6

**Loosen the clamp at the throttle body.**

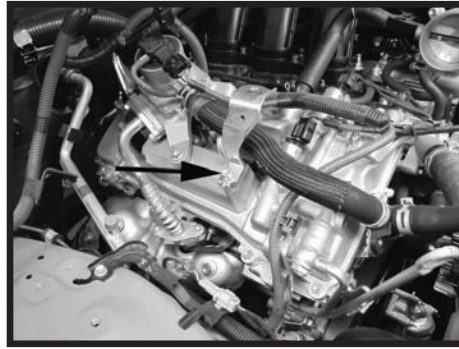


### Step 7

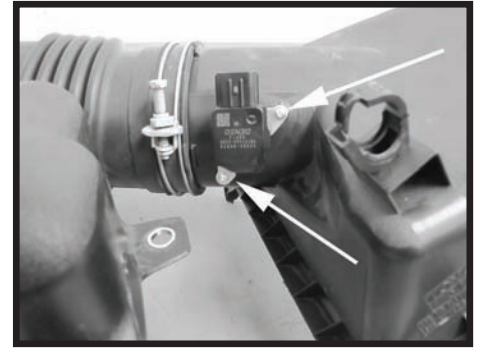
**Unclip the four hold down clips on the air filter lid. Remove the air filter lid/intake tube assembly and air filter.**



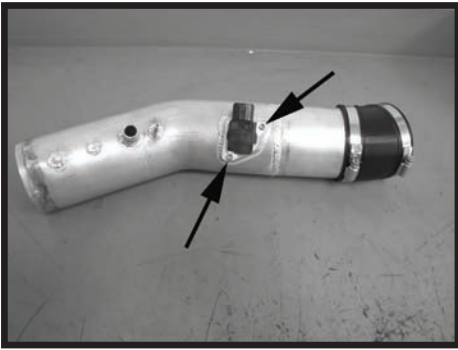
**Step 8**  
Loosen the three bolts and remove the lower air box from the vehicle.



**Step 9**  
Loosen the bolt that secures the factory intake tube mounting bracket and remove the bracket from the vehicle.



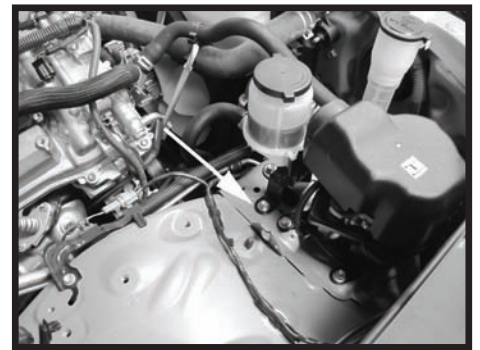
**Step 10**  
Remove the MAFS from the factory air box.



**Step 11**  
Install the mass air flow sensor on the intake tube and secure with the supplied screws. Install the coupler on the end of the tube.



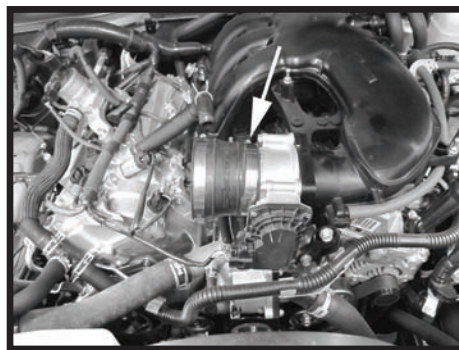
**Step 12**  
Install the rubber bulb seal on the heat shield. This may require trimming to the correct length.



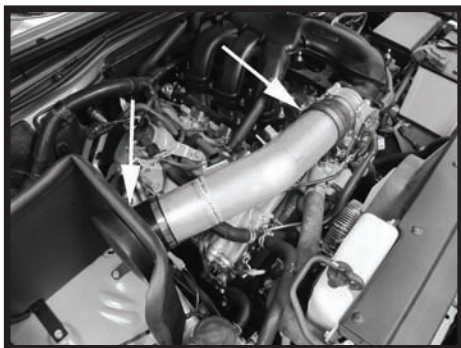
**Step 13**  
Remove the bolt that secures the power steering reservoir. This bolt will be re installed with the new heat shield.



**Step 14**  
Install the heat shield into the truck as shown with the supplied hardware and the bolt removed in Step 13.

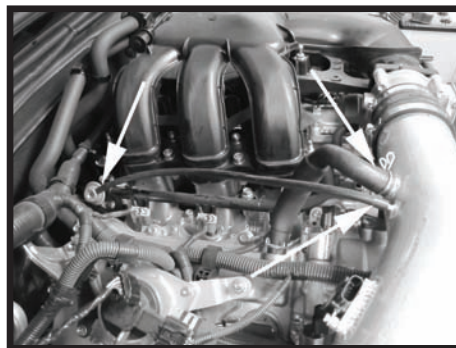


**Step 15**  
Install the reducer coupler on the throttle body and secure the coupler in place. Install a second clamp but do not tighten at this time.



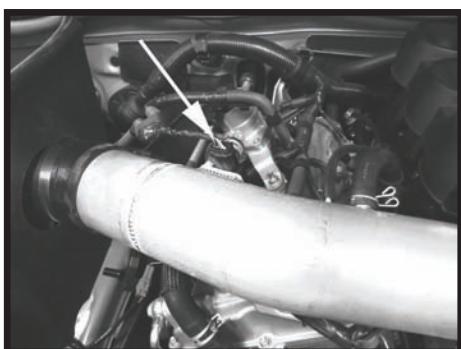
#### Step 16

Install the end of the intake tube into the reducer coupler on the throttle body. Install the velocity adapter in the heat shield and onto the angled coupler. Once the tube is in the desired location, tighten all the clamps.



#### Step 17

Install the fuel pressure vent line from the fuel pressure regulator to the small vent tube on the intake tube. Reconnect the crank case vent line.



#### Step 18

Connect the MAFS connector.



#### Step 19

Install air filter with the supplied clamp and fully tighten.



#### Step 20

Reinstall the engine cover. Make sure that all clamps and hardware are fully tightened. Reconnect the battery cable, start the vehicle and let it warm up. Shut off and inspect the installation once more for any loose clamps, wires, or hardware. Test drive & enjoy! Your installation is now complete. Periodically check all clamps and brackets.

If you have any difficulties or questions regarding the installation of this intake system, contact the Spectre Performance Technical Department by email - [Tech@spectreperformance.com](mailto:Tech@spectreperformance.com) or by phone 1-909-673-9800 Monday thru Friday 6:00am to 2:00pm PST.

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