Part Number: PTR03-18130

Please see Page 12 for important "Care and Maintenance" information!

Kit Contents

Item #	Qty.	Service Part #	Description
1	1	PTR03-18130-AC	TRD Air Box Base
2	1	PTR03-18130-AA	TRD Air Box Lid
3	1	PTR03-18132	TRD Panel Air Filter
		PTR03-18130-AB	Coupler Kit
4	1		Coupler
5	2		Hose Clamp
		PTR03-18130-AD	Hardware Kit
6	4		Air Box Clip
7	1		Grommet
8	1		Zip Tie
9	1		Cap Plug

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
None		

Conflicts

NA

Recommended Tools

Safety Tools	**Notes**
Vehicle Protection	Blankets or Fender Covers
Special Tools	**Notes**
None Required	
Installation Tools	**Notes**
Nut Driver	8mm or 5/16"
10mm Socket	
Drive Ratchet	
Drive Extension	
Pliers	
Torque Wrench	In. lbf. (0-120 in. lbf.)
Phillips Screw Driver	
Special Chemicals	**Notes**
None	

General Applicability

Torque Specifications

Hardware Type	Metric Torque **(N·m)**	SAE Torque **(in·lbf)**
MAF Sensor	1.0 ± 0.1	9 ± 1.0
Hose Clamp	2.0 ± 0.2	18 ± 2.0
M6 Air Box Base	6.0 ± 0.6	53 ± 5.0
Battery +/- Terminal	6.0 ± 0.6	53 ± 5.0

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.

OPERATOR SAFETY: Use caution to avoid risk of injury.

CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.

REVISION MARK: This mark highlights a change in installation with respect to previous issue.

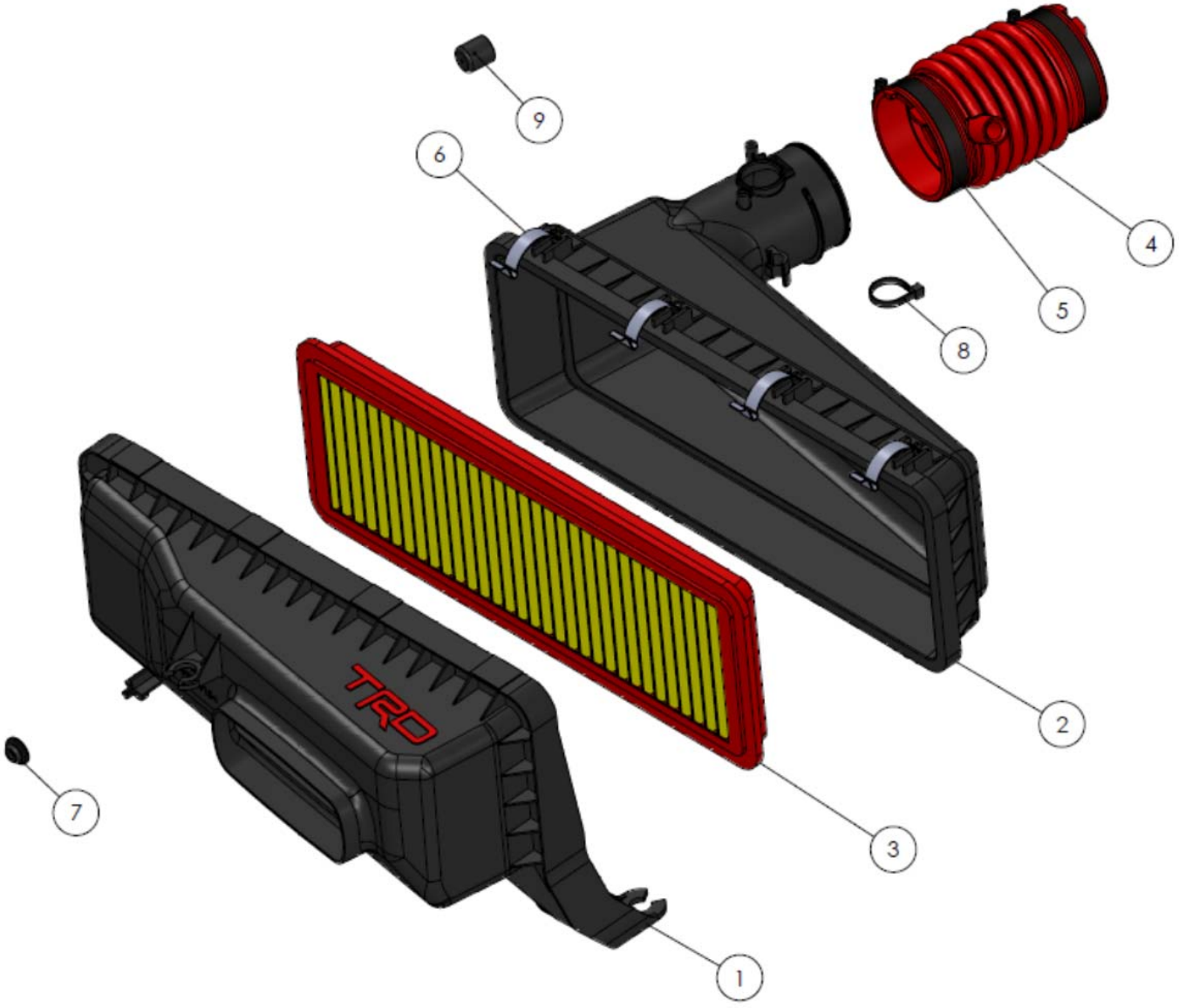
SAFETY TORQUE: This mark indicates that torque is related to safety.

Emissions Compliance Information:

A new process has been implemented. The Emissions Label is No Longer included in the Performance Air Intake Kit.

If your state requires an Emissions Compliance Label, one may be ordered.

This TRD Performance Air Intake Kit has received 50-State Emissions Compliance via the California Air Resources Board (CARB). Not all states require the Emissions Compliance Label but TRD does recommend ordering one. To receive the proper Emissions Compliance Label for this TRD Performance Air Intake Kit, please order part number **PT965-18200-0E**. Proof of ownership may be required.


9
6
4
5
8
2
7
3
1
TRD

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

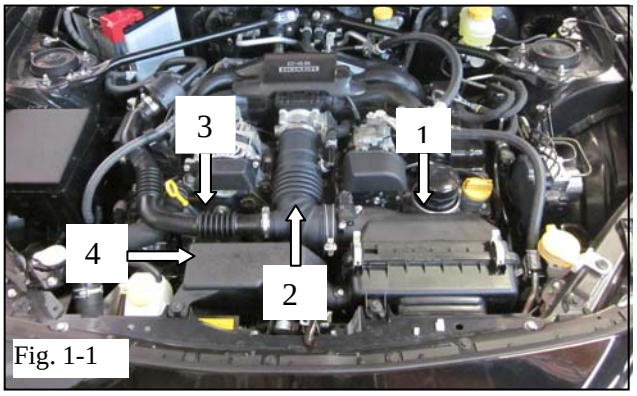


Fig. 1-1

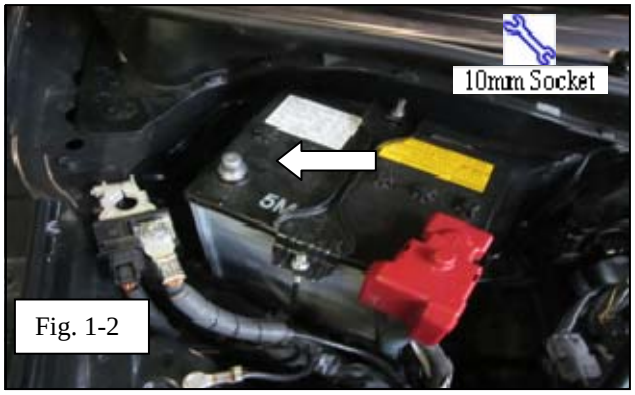


Fig. 1-2

1. Vehicle and Parts Preparation

(a) Check kit for contents and damage.

(b) Open hood.

(c) Completely familiarize yourself with the installation and components before beginning. (Fig. 1-1)

(1) OEM Air Box

(2) Air Intake Bellows

(3) Sound Generator Tube.

(4) Air Box Resonator

(d) Apply vehicle protection to prevent damage to painted surfaces.

(e) Prior to installation, make sure all parts of the Performance Air Intake are clean and free of debris.

(1) Blow out the inside of the new tube and air box with compressed air.

(f) Loosen the M6 bolt securing the negative terminal to the battery and remove the terminal. (Fig. 1-2)

2. Remove Factory Components

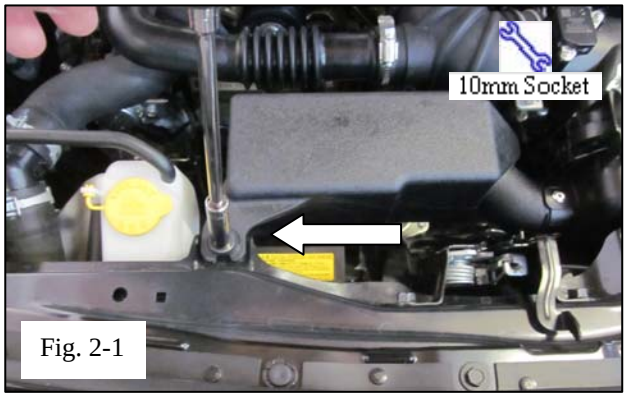


Fig. 2-1

(a) Remove M6 bolt securing the OEM Air Box resonator to the radiator support. (Fig. 2-1)

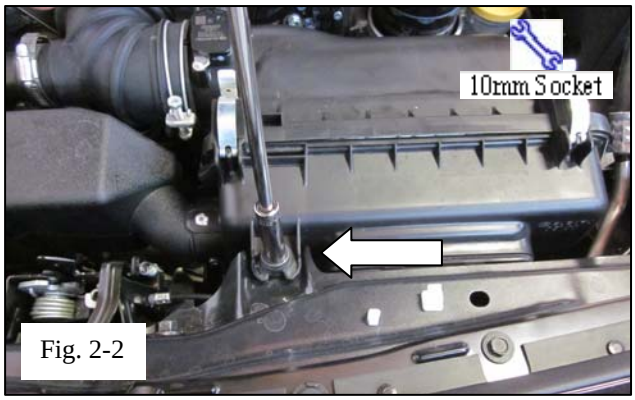


Fig. 2-2

(b) Remove the M6 bolt securing the OEM air box lid to the radiator support. (Fig. 2-2)

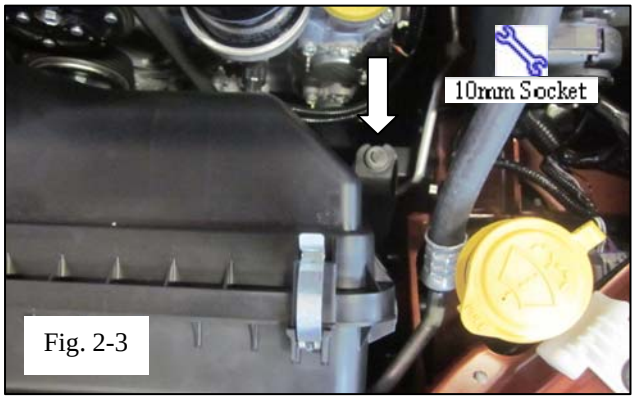


Fig. 2-3

(c) Remove the M6 bolt securing the OEM Air Box to the inner fender. (Fig. 2-3)

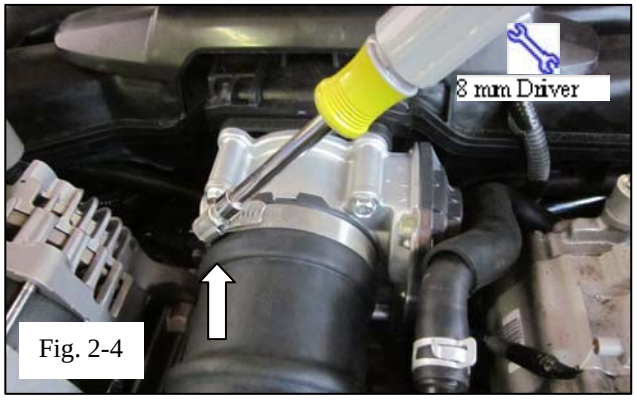
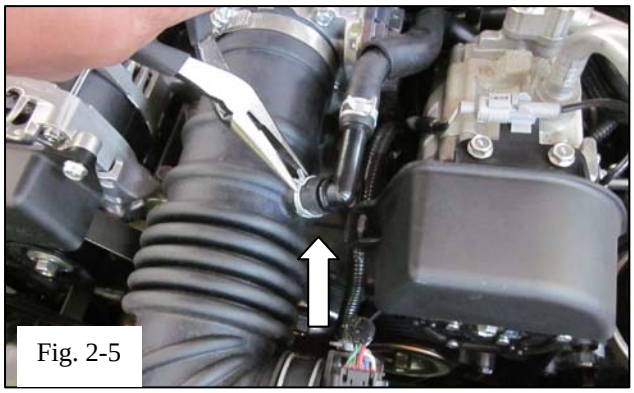


Fig. 2-4

(d) Loosen the hose clamp securing the Air Intake Bellows to the throttle body. (Fig. 2-4)


Fig. 2-5

(e) Disconnect the crank case vent hose from the Air Intake Bellows by squeezing the spring clamp. (Fig. 2-5)

(1) Remove the spring clamp and retain for later use.

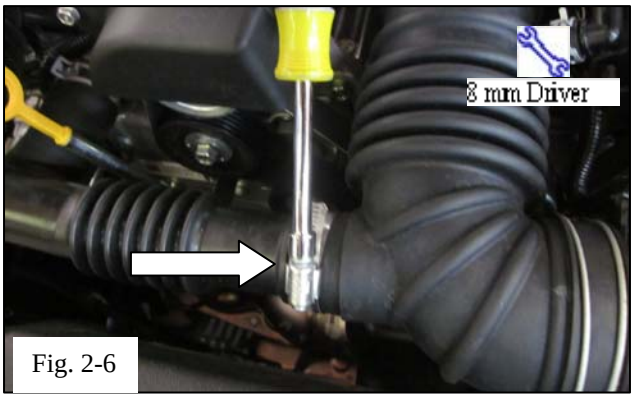
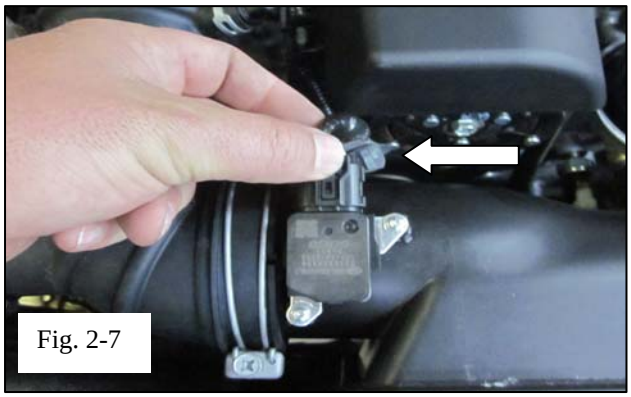


Fig. 2-6

(f) Loosen the hose clamp securing the Sound Generator Tube to the Air Intake Bellows. (Fig. 2-6)

(1) Detach the Sound Generator Tube from the Air Intake Bellows.


Fig. 2-7

(g) Unplug the MAF sensor and unclip the wiring harness from the OEM Air Box. (Fig. 2-7)



Fig. 2-8

(h) Move the OEM Air Box toward the cowl to disengage from fresh air duct. Remove the complete assembly from engine compartment. (Fig. 2-8)

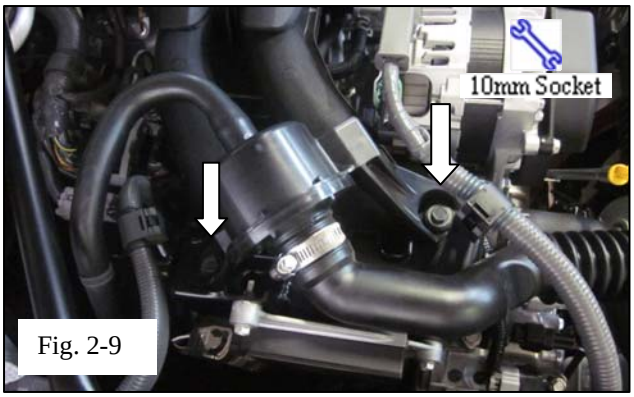


Fig. 2-9

(i) Loosen the two M6 bolts securing the Sound Generator to the intake manifold bracket. (Fig. 2-9)

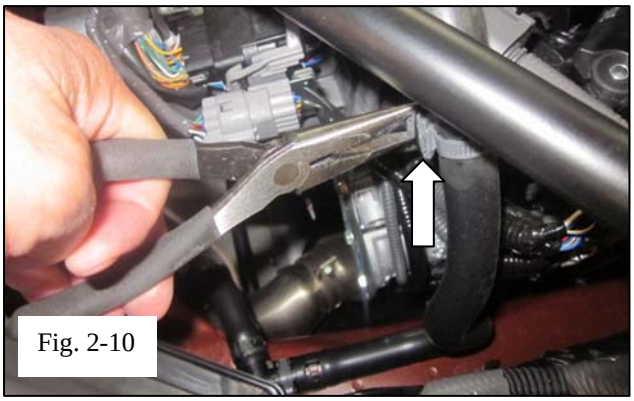


Fig. 2-10

(j) Unclip the Sound Generator tube from the bracket under the passenger strut tower brace. (Fig. 2-10)

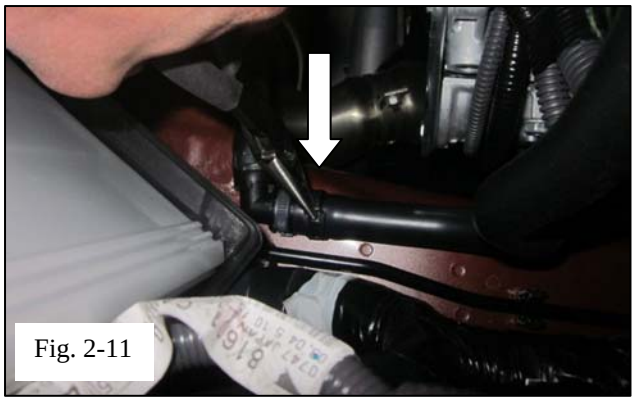


Fig. 2-11

(k) Detach the Sound Generator tube from the fitting on the frame rail by squeezing the spring clamp. (Fig. 2-11)

(1) Remove the complete Sound Generator tube assembly.

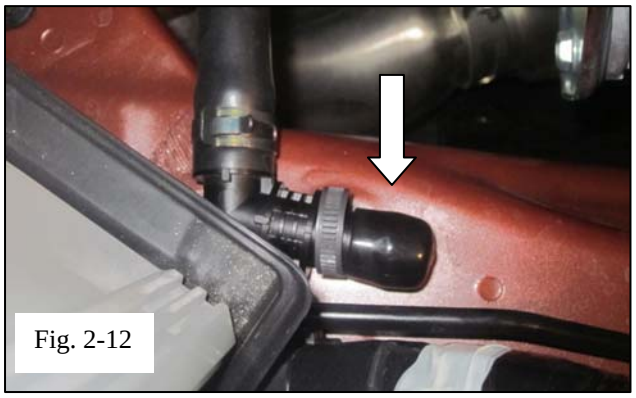
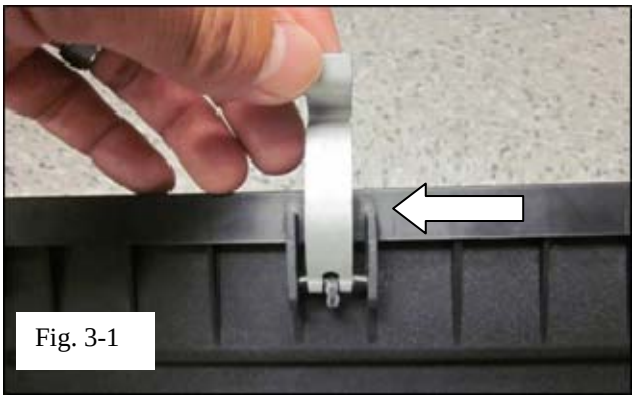


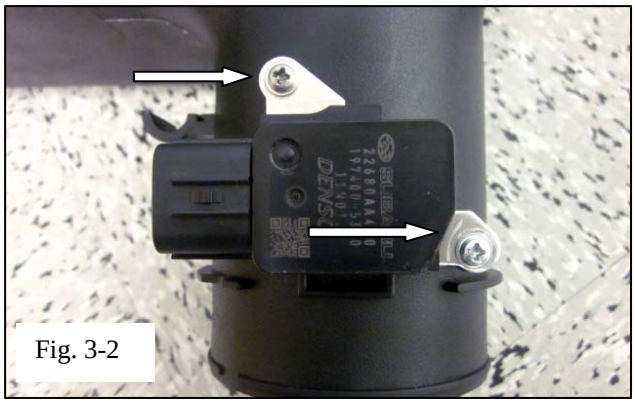
Fig. 2-12

(l) Cap off the fitting on the frame rail with the supplied cap plug. (Fig. 2-12)


Fig. 3-1

3. Install TRD Air Intake

(a) Assemble the 4 supplied spring clips to the TRD Air Box Lid. (Fig. 3-1)


Fig. 3-2

(b) Transfer the MAF sensor from the OEM Air Box to the TRD Air Box Lid.

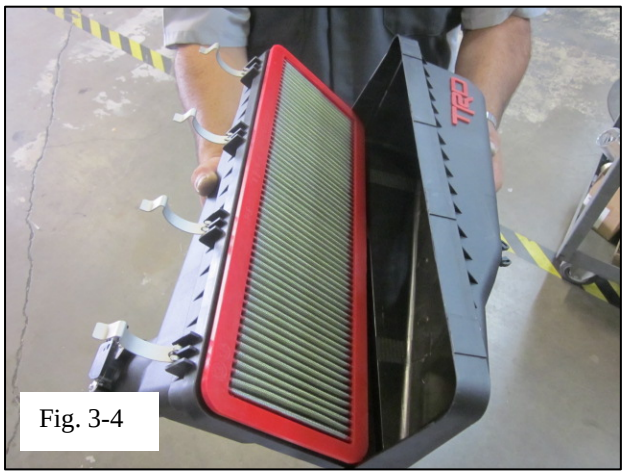
⚠ (1) Secure the MAF with factory screws. (Fig. 3-2)

Torque: 1.0 N·m (9 in·lbf)


Fig. 3-3

(c) Install the TRD panel air filter into the TRD Air Box Lid. (Fig. 3-3)

⚠ (1) The flat side of the panel air filter faces the TRD Air Box Base, the side with lip seal goes into the lid.


Fig. 3-4

(d) Assemble the TRD Air Box by latching the Lid to the Base then secure with the spring clips. (Fig. 3-4)

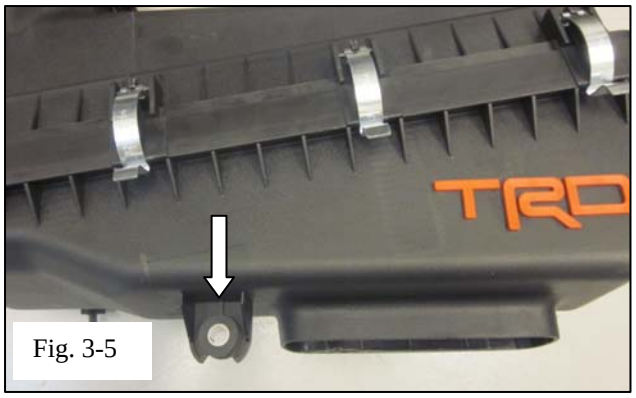


Fig. 3-5

(e) Transfer two of the grommets from the OEM air box to the TRD Air Box. (Fig. 3-5)

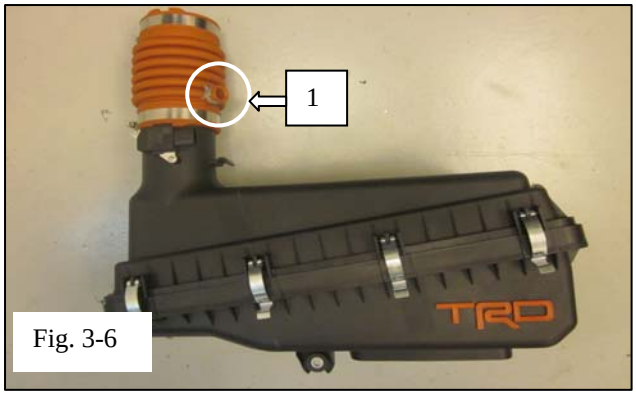
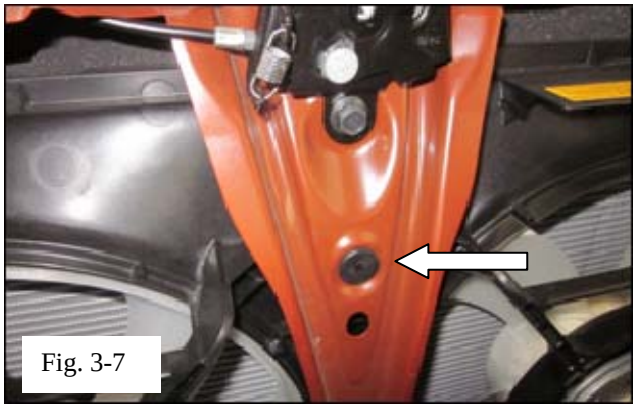


Fig. 3-6

(f) Attach the supplied coupler hose to TRD Air Box with supplied #44 hose clamp, install the other hose clamp on the other end of the coupler. (Fig. 3-6)

(1) Install the spring clamp removed in Step 2 (e) over the vent hose on the coupler hose.


Fig. 3-7

(g) Install the supplied rubber grommet into the circular hole right below the hood release. A small amount of soapy water will help in installing this part. (Fig. 3-7)

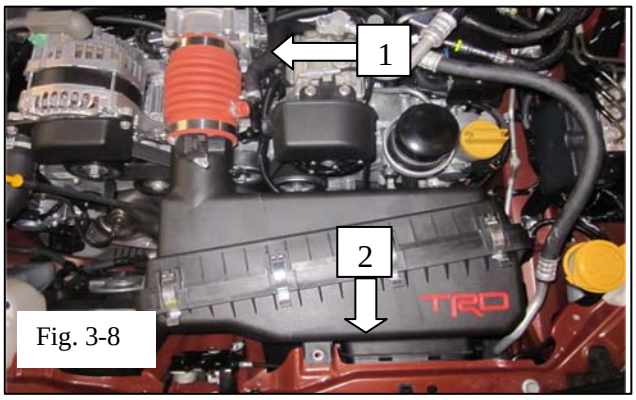


Fig. 3-8

(h) Install the complete TRD Air Box assembly into the engine compartment.

(1) Attach the coupler hose to the throttle body. A small amount of soapy water will help with the installation. (Fig. 3-8)

⚠ (2) Attach the TRD Air Box to the factory fresh air duct and make sure the standoff engages the grommet shown in (Fig. 3-7).

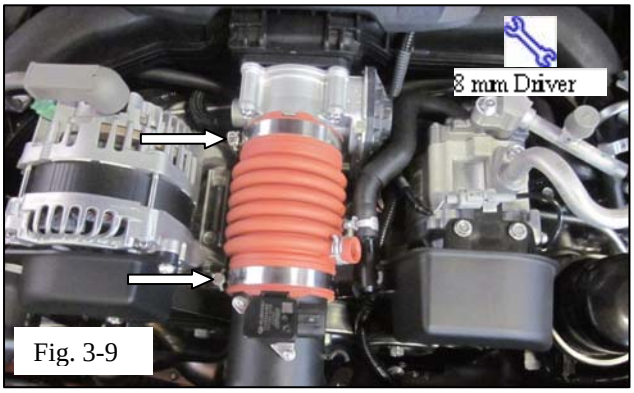
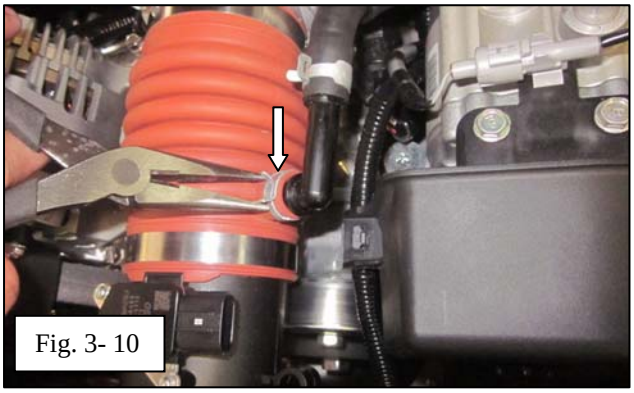


Fig. 3-9

(i) Tighten both hose clamps securing the TRD coupler hose to the throttle body and TRD Air Box. (Fig. 3-9)

Torque: 2.0 N·m (18 in·lbf)


Fig. 3- 10

(j) Attach the crank case vent fitting to the TRD coupler hose and secure with spring clamp. A small amount of soapy water will help with the installation. (Fig. 3-10)

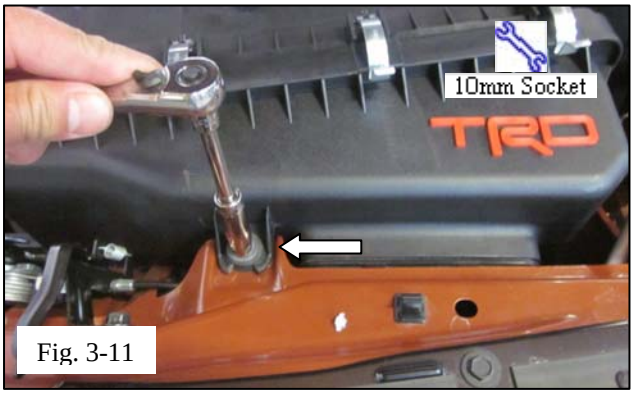


Fig. 3-11

(k) Secure the tab on the TRD Air Box Base to the radiator support with the M6 bolt removed from step 2 (b). (Fig. 3-11)

Torque: 6.0 N·m (53 in·lbf)

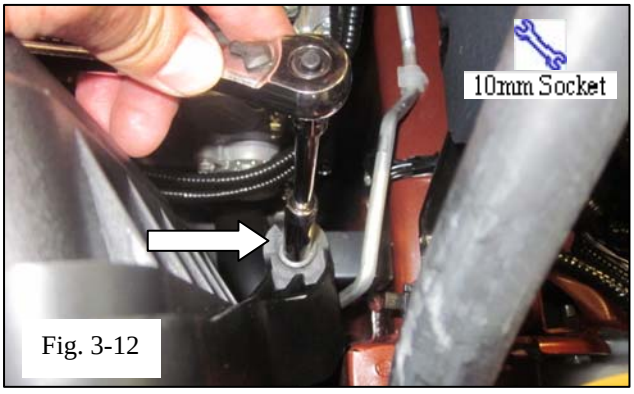
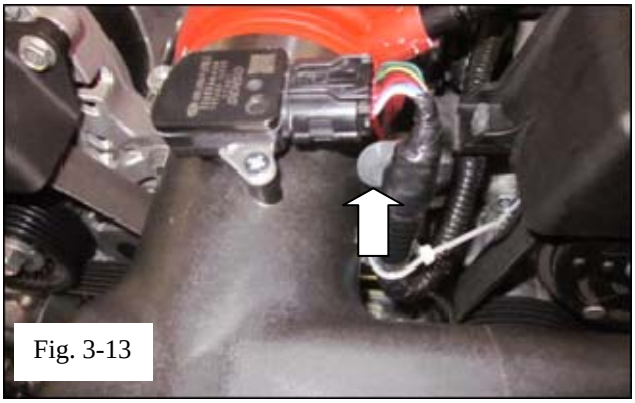


Fig. 3-12

(l) Secure the tab on the TRD Air Box base to the inner fender with the M6 bolt removed from step 2 (c). (Fig. 3-12)

Torque: 6.0 N·m (53 in·lbf)


Fig. 3-13

(m) Plug in the MAF sensor wire harness; secure the MAF sensor wire harness to the TRD Air Box with supplied zip tie. (Fig. 3-13)

(1) Make sure there is no strain on the wire after the zip tie is installed.



Fig. 3-14

(n) Reinstall the negative battery terminal and do a final check to ensure all hoses and wires are secured. (Fig. 3-14)

Torque: 6.0 N·m (53 in·lbf)

Care and Maintenance

1. Caring For The Finish On Your TRD Cold Air Intake:



- TRD Intake Systems have a natural finish on the couplers and air filter housing.



- To clean your TRD intake system, simply spray with window cleaner and wipe with a soft, clean terry-cloth towel.



- NEVER use harsh chemicals or metal polish on TRD intake systems. Harsh chemicals and metal polishes will permanently damage the finish.



- It is recommended that you service your TRD air filter every 50,000 miles with K&N Recharger Filter Service Care Kit, part number 99-5000 or 99-5050 for optimum performance.

Check:	Look For:
Accessory Function Checks	
☐ Start the vehicle.	
☐ If after you start the vehicle, or while driving, you encounter a Malfunction Indicator Lamp (MIL), check the following.	Full engagement of MAF sensor connector. Tightness of all clamps. Correctly installed valve cover breather hose. Over-oiled air filter.
☐ Over-oiled Air Filter	Clean the air filter as indicated in the K&N Recharger Filter Service Care Kit and apply the proper amount of oil. Replacement (non-warrantable) of the MAF sensor may be required.
Vehicle Function Checks	
☐ Start the vehicle	
☐ If the lamp will not go off even after checking and/or repairing any of the above.	Contact your Toyota dealer as soon as possible.
Vehicle Appearance Checks	
☐ After accessory installation and removal of protective cover(s), perform a visual inspection.	Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMNA Accessory Quality Shipping Standard.)