

Part Number: PTR03-35160

Kit Contents

Item #	Quantity Req'd.	Description
1	1	TRD Panel Air Filter
2	1	Upper Air box
3	1	Intake Tube
	1	Throttle Body Coupler Kit
4	1	Coupler
5	3	#52 Hose Clamp
6	1	#48 Hose Clamp
	1	Air box Bellows Kit
7		Bellows
8		Intake Flow Accelerator

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1		

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		

Conflicts

4-cylinder models

Recommended Tools

Personal & Vehicle Protection	Notes
Blankets or Fender Covers	
Special Tools	Notes
Installation Tools	Notes
Nut Driver or Socket	8mm or 5/16", 10mm & 12mm
Ratchet	
Extension	
Pliers	Needle Nose
Torque Wrench	0-120 in.-lbf (0-15 N-m)
Screwdriver	#3 Phillips
Nylon Pry Tool	
Special Chemicals	Notes

General Applicability

All 2016 and newer Tacoma models with 3.5L V6 engine
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Recommended Sequence of Application

Item #	Accessory
1	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Part Number	Description
1	PTR03-34140	TRD Panel Air Filter
2	PTR03-35160-AA	Upper Air Box
3	PTR03-35160-AB	Intake Tube
	PTR03-35160-AC	Throttle Body Coupler Kit
4	341032	Coupler
	PTR03-35160-AD	Air Box Bellows Kit
7	341033	Bellows
8	PTR03-35160-AE	Intake Flow Accelerator

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.



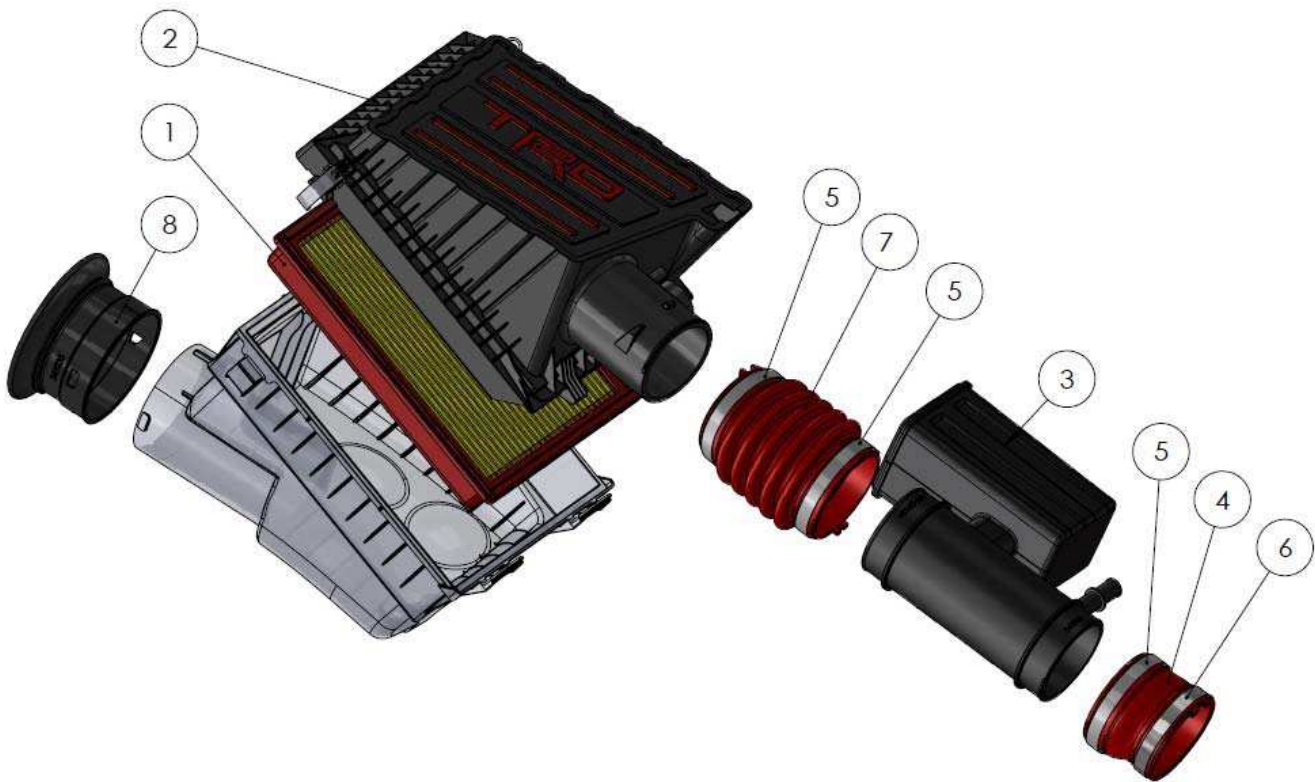
SAFETY TORQUE: This mark indicates that torque is related to safety.

Emissions Compliance Information:

A new process has been implemented. The Emissions Label is no longer included in the Performance Air Intake Kits.

If your state requires an Emissions Compliance Label, one may be ordered through your dealer or the Toyota Materials Distribution Center (MDC)
310-468-9800 or MDC@toyota.com

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 MDC part number **00602-50001**. Proof of ownership may be required.



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.

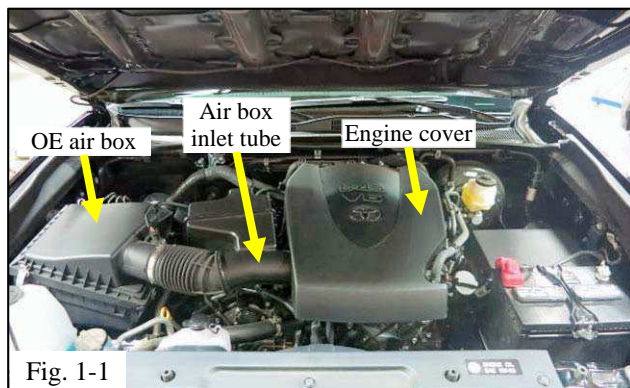


Fig. 1-1

1. Prepare the Vehicle and Parts.

(a) Check the kit for contents and damage.

(b) Open the hood and identify the following parts (Fig. 1-1):

(1) OE air box.

(2) Air box inlet tube.

(3) Engine cover.

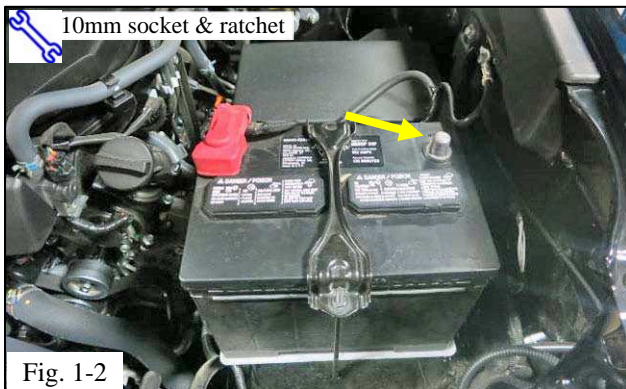


(c) Apply vehicle protection to prevent damage to painted surfaces.

- (d) Make sure all parts of the Performance Air Intake kit are clean and free of debris when they are removed from the packaging.

⚠ NOTE: Blow out the inside of the coupler and air box with compressed air.

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

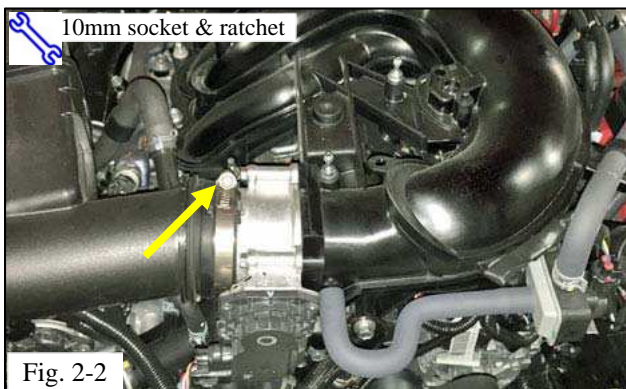


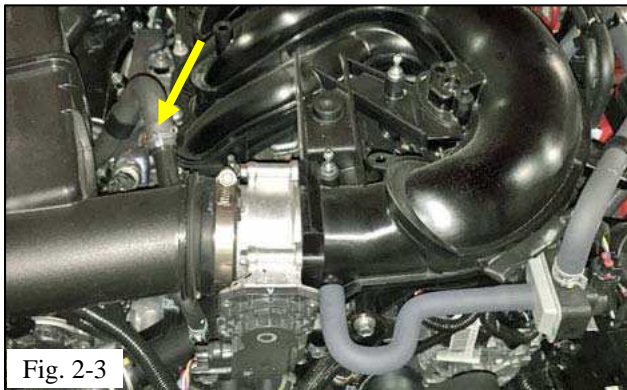
2. Remove the Factory Components.

- (a) Lift up on the front of the engine cover and pull it forward to remove it (Fig. 2-1).



- (b) Loosen the inlet tube hose clamp at the throttle body (Fig. 2-2).

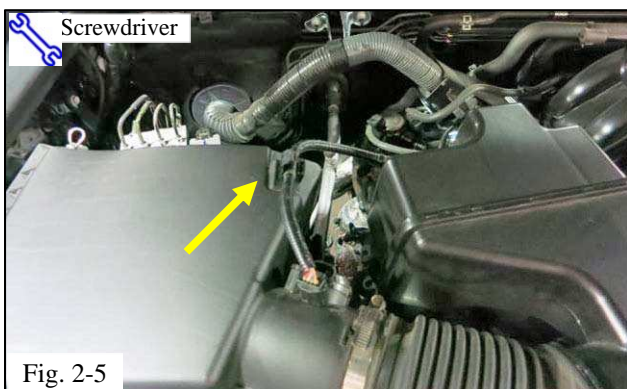




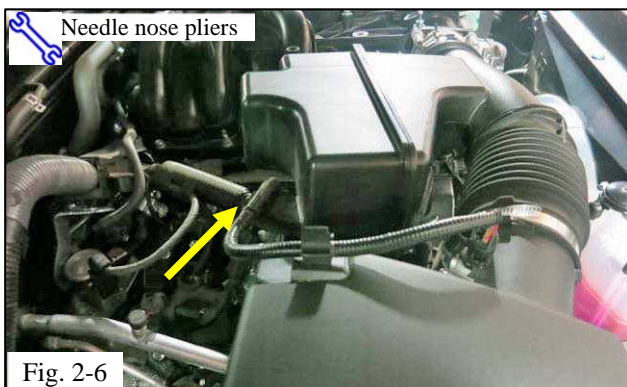
- (c) Squeeze the clamp on the PCV hose, slide it back and disconnect the hose from the inlet duct (Fig. 2-3).



- (d) Squeeze the clip and unplug the mass airflow sensor (Fig. 2-4).



- (e) Unclip the sensor wiring harness from the top of the air box lid (Fig. 2-5).



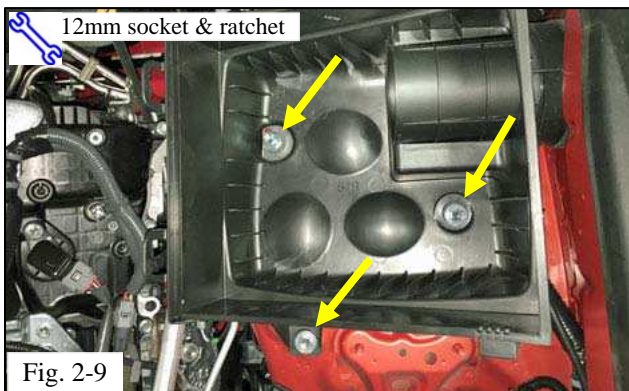
- (f) Unclip the sensor wiring harness from the side of the factory resonance chamber (Fig. 2-6).



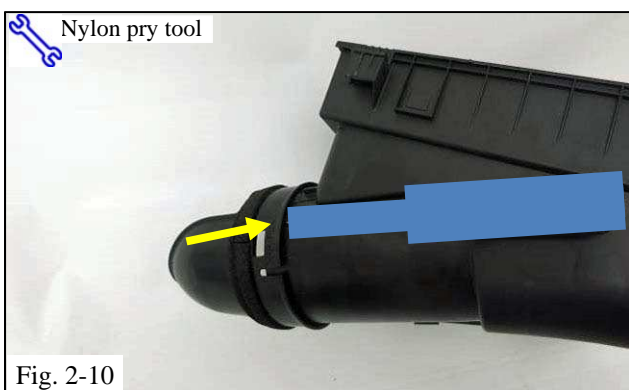
- (g) Unclip the two retaining clips on the air box lid and remove the complete assembly (Fig. 2-7).



- (h) Remove the OE air filter (Fig. 2-8).



- (i) Remove the three M8 bolts holding the lower air box and remove it (Fig. 2-9).



- (j) On a workbench, use a nylon pry tool to raise the area around the locating tab to remove the OE air inlet duct from the lower air box (Fig. 2-10).



- (k) Unclip the sensor wiring harness clip from the top of the OE air box lid and retain it for reuse (Fig. 2-11).

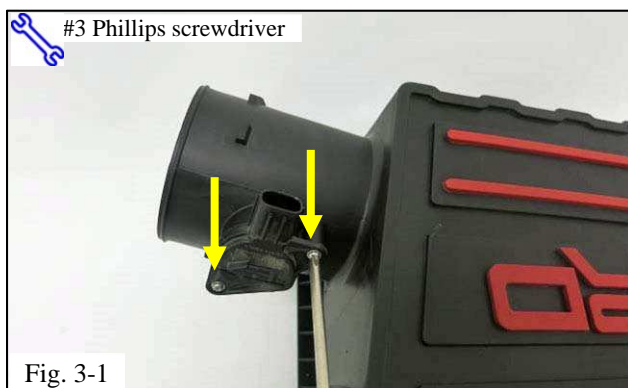


- (l) Remove the air box retaining clips and retain them for reuse (Fig. 2-12).

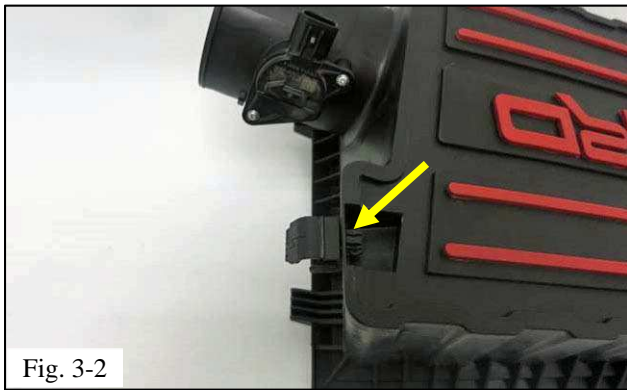


- (m) Remove the two screws and remove the mass airflow sensor from the OE air box lid (Fig. 2-13). Keep the screws and sensor for reuse.

3. Install the TRD Air Intake.



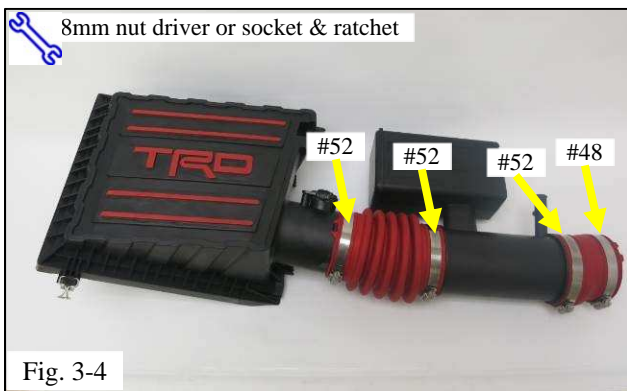
- (a) On a workbench, install the mass airflow sensor into the TRD upper air box (Fig. 3-1).
- (b) Use the two screws removed in Step 2(m) to secure the sensor (See Fig. 2-13).



- (c) Install the sensor harness clip, removed in Step 2(k) (refer to Fig. 2-11), into the TRD upper air box (Fig. 3-2).



- (d) Install the air box retaining clips, removed in Step 2(l) (refer to Fig. 2-12), into the TRD upper airbox (Fig. 3-3).

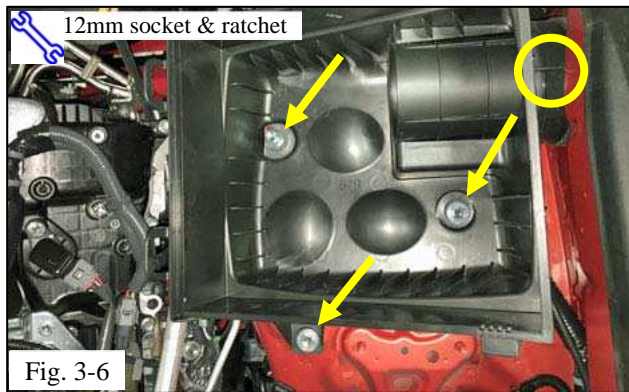


- (e) Assemble the bellows, inlet tube and coupler, then connect the coupler to the upper air box. Tighten the #52 hose clamps only at this time (Fig. 3-4).

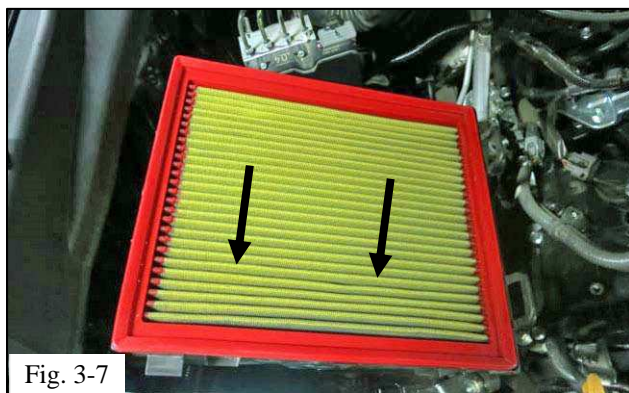
Torque: 30 in-lbf (3.4 N-m)



- (f) At the vehicle, install the TRD air horn into the inner fender. Make sure that the slot is to the top (Fig. 3-5).




- (g) Reinstall the lower air box housing with the three M8 bolts removed in Step 2(i). Make sure to align the tang on the lower air box with the slot in the air horn (Fig. 3-6).



- (h) Install the TRD air filter in the lower air box housing (Fig. 3-7).



-  (i) Push the coupler end of the assembled TRD intake system over the throttle body, then tighten the #48 hose clamp (Fig. 3-8).

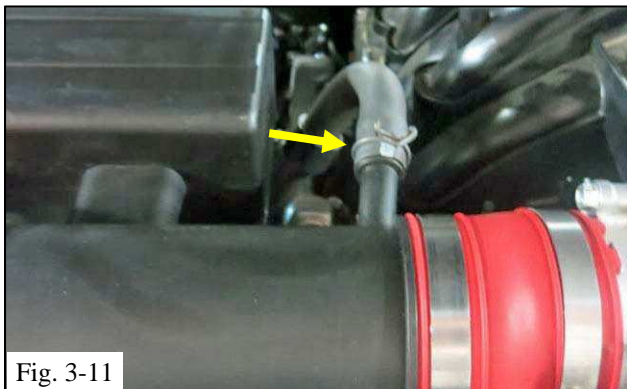
Torque: 30 in-lbf (3.4 N-m)



- (j) Make sure the two tabs on the air box lid and lower housing are fully engaged (Fig. 3-9).



- ⚠ (k) Engage the clips to secure the air box lid into place (Fig. 3-10).



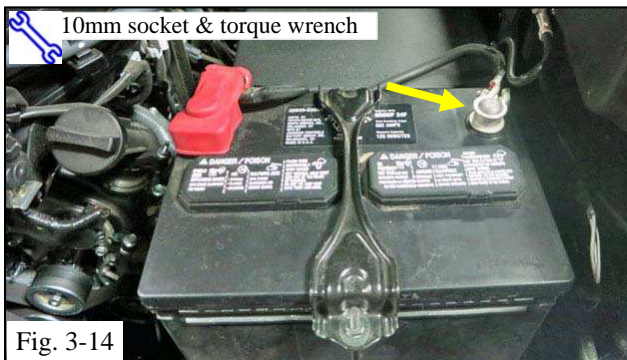
- (l) Connect the crankcase vent hose to the inlet tube and secure it with the spring clamp over the intake tube nipple (Fig. 3-11).



- (m) Attach the mass airflow wire harness to the side of the TRD resonance chamber (left arrow, Fig. 3-12) and to the top of the TRD upper air box (right arrow, Fig. 3-12).

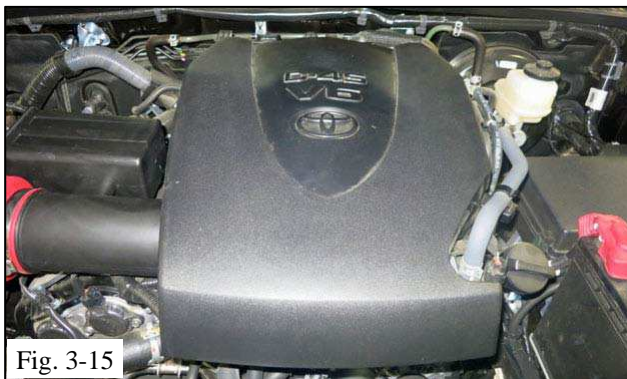


- ⚠ (n) Plug in the mass airflow sensor connector (Fig. 3-13).



- (o) Reconnect the negative battery cable to the negative battery terminal (Fig. 3-14).

S Torque: 48 in-lbf (5.4 N-m)



- (p) Reinstall the engine cover (Fig. 3-15).



- (q) Apply the reusable filter notification label to the radiator support cover on the passenger side, opposite the oil type label (Fig. 3-16).



- (r) When finished, the TRD system will look like that in Fig. 3-17.

- (s) Do a final check to ensure all of the wires and hoses are secure.



- (t) Start the vehicle and verify the check engine lamp is not illuminated.

4. Care and Maintenance.

- TRD Intake Systems have a natural finish on the couplers and air filter housing.
- To clean the TRD intake system, simply spray it 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 the TRD air filter be serviced every 50,000 miles with TRD Filter Service Cleaning Kit, part number PTR43-00088 for optimum performance.
- If the vehicle is used in a region with extremely fine dust (arid or desert climates for example); follow the Toyota recommended service schedule for driving on dirt or dusty roads.

TOYOTA TACOMA (3.5L V6) 2016 - PERFORMANCE AIR INTAKE

Checklist - these points **MUST** be checked to ensure a quality installation.

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Checks</u> <input type="checkbox"/> Proper filter oil amount	The unit is pre-oiled for initial use – do not add any before first use. After cleaning, be sure to apply per the instructions in the cleaning kit. Failure to do so (over-oiling) may damage the mass airflow sensor and require replacement.
<u>Vehicle Function Checks</u> <input type="checkbox"/> Malfunction Indicator Lamp (MIL) on after starting the engine or while driving	Full engagement of the mass airflow sensor connector All clamps are tight Valve cover breather hose is installed correctly Air filter is over-oiled
<u>Vehicle Appearance Check</u> <input type="checkbox"/> 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 TMS Accessory Quality Shipping Standard.)