



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

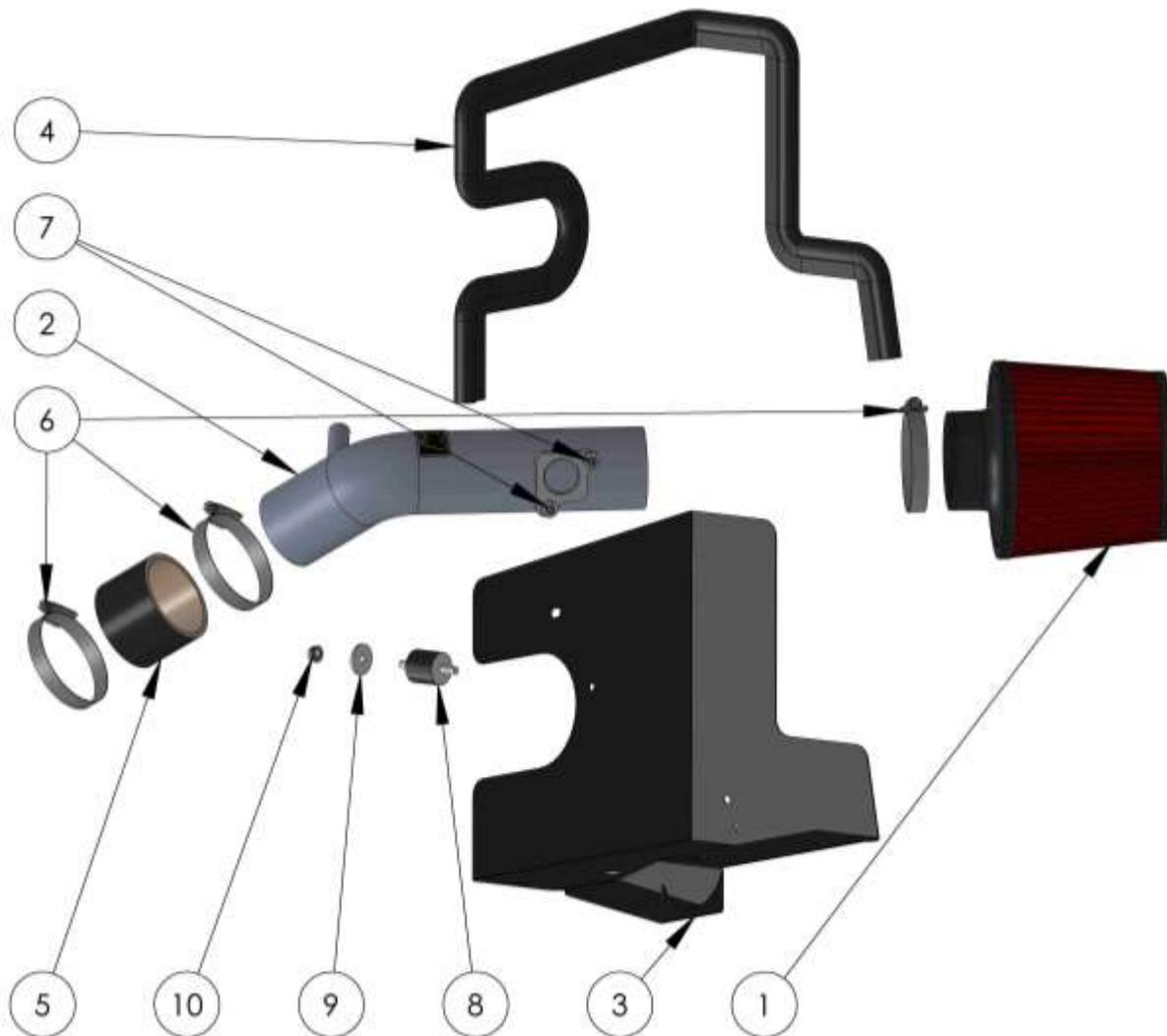
PART NUMBER

21-776C (Gun Metal Gray Finish)

2016	SCION	iM	1.8L
2017	Toyota	Corolla iM	1.8L

Not legal for sale or use on any pollution controlled motor vehicle in California or states adopting California emission procedures. See AEMIntakes.com for CARB status on each part for a specific vehicle.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	21-201DK	AIR FILTER; 2.5" X 5" DRYFLOW	1
2	2-1555C	TUBE; 2.5" X 13"L, AL, 2016 SCION IM	1
3	20-8566	HEAT SHIELD; 21-776, MILD STL; TB/PC	1
4	102499	EDGE TRIM; 3/4"BULB,TOP LOC.,42"L	1
5	5-252	HOSE, SILICONE 2.50 X 2" BLACK	1
6	9440	1/2" HOSE CLAMP, 2.15-3.00"	3
7	07733	BOLT; M4 - 0.07 8MM, A/H CAP, SS	2
8	1228599	MOUNT, RUBBER 1" X 6MM	1
9	08160	WASHER; 1"D X 1/4 HOLE FENDER	1
10	444.460.04	NUT; M6 HEX SERRATED	1



Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

Tools Needed:

- Screw driver
- 10MM socket
- Socket Driver
- Side Cutters
- 4MM Hex Key

1. Preparing Vehicle

- a. Make sure vehicle is parked on level surface.
- b. Set the parking brake.
- c. If engine has run in the past two hours, let it cool down.
- d. Disconnect negative battery terminal.
- e. Do not discard stock components after removal of the factory system.
- f. Open the air intake kit package and make sure all parts are included.

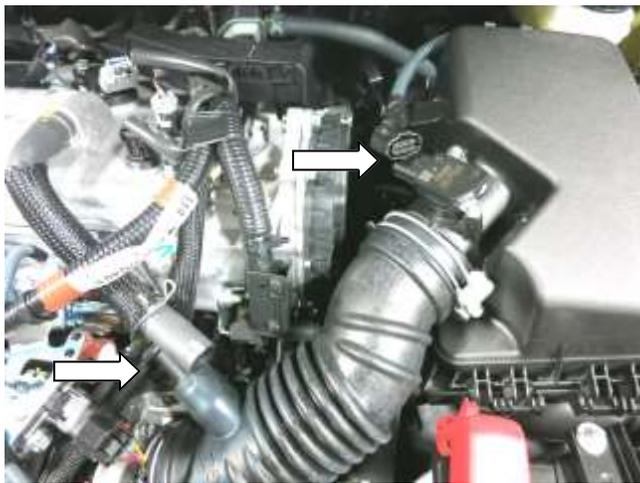
2. Removal of stock system



a. 2016 Scion iM with factory air intake system.



b. Remove the engine cover by gently pulling it up from the engine.



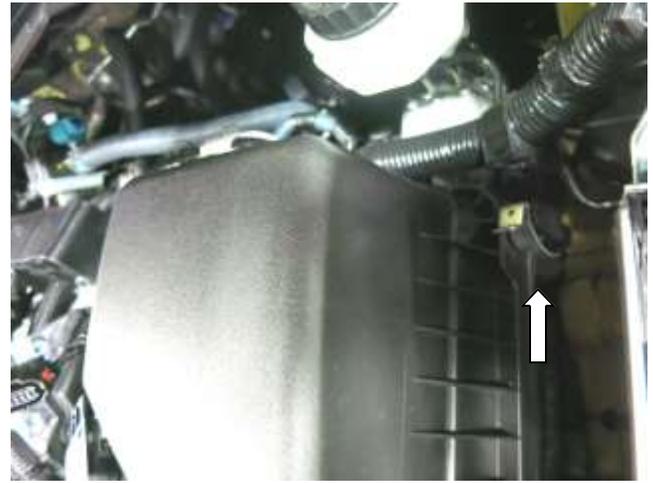
c. Unclip and disconnect the MAF (mass air flow) sensor electrical connector and disconnect the vent hose from the air intake hose.



d. Loosen the hose clamp at the throttle body .



e. Release the clip that secure the MAF sensor wiring harness to the air box.



f. Unfasten the two air box clips and remove the upper air box , intake tube and air filter from the engine.



g. Remove the three M6 bolts that secure the lower air box to the engine compartment.



h. Remove the M6 bolt that secures the wiring harness to the lower air box and remove the lower air box.

3. Installation of AEM® intake system.

a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



a. Remove the three rubber grommets and metal sleeves from the lower air box.



b. Install the grommets and metal sleeves onto the AEM heat shield as shown.



c. Install the supplied rubber edge trim on the AEM heat shield as shown.



d. Drop the complete heat shield assembly into the engine compartment. Secure the wiring harness bracket to the back of the heat shield and then secure the heat shield to the engine compartment with the three M6 bolts removed in step 2 g.



e. Install the supplied rubber mounted stud to the AEM heat shield as shown.



f. Remove the MAF sensor from the factory air box and transfer it onto the AEM intake tube, secure with 4MM bolts supplied.



g. Install the supplied coupler and #40 hose clamps on the throttle body.



h. Install the complete intake tube assembly to the coupler and line up bracket with the rubber mounted stud.



i. Secure the AEM intake tube to the rubber mounted stud with the supplied M6 nut and washer.



j. Install the AEM filter onto the intake tube as shown.



k. Reconnect the MAF sensor and secure the wiring harness clip to the heat shield as shown.



l. Reconnect the vent hose to the intake tube and tighten all hose clamps .



m. Stock air intake system.



n. AEM 21-776C intake system installed.

4. Reassemble Vehicle

- a. Position the inlet pipes for the best fitment. Be sure that the pipes or any other components do not contact any part of the vehicle.
- b. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- c. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- d. Reconnect negative battery terminal and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

5. Service and Maintenance

- a. AEM Induction Systems requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean, purchase our Synthetic air filter cleaner, part number 1-1000 and follow the easy instructions.
- b. Use window cleaner to clean your powder coated AEM[®] intake tube.

NOTE: DO NOT USE aluminum polish on powder coated AEM[®] intake tubes.

For technical inquiries
e-mail us at
sales@aemintakes.com
or
call us at
800.992.3000

AEM Air Intake System Warranty Policy

AEM® warrants that its intake systems will last for the life of your vehicle. AEM® will not honor this warranty due to mechanical damage (i.e. improper installation or fitment), damage from misuse, accidents or flying debris. AEM® will not warrant its powder coating if the finish has been cleaned with a hydrocarbon-based solvent. The powder coating should only be cleaned with a mild soap and water solution. Proof of purchase of both the vehicle and AEM® intake system is required for redemption of a warranty claim.

This warranty is limited to the repair or replacement of the AEM® part. In no event shall this warranty exceed the original purchase price of the AEM® part nor shall AEM® be responsible for special, incidental or consequential damages or cost incurred due to the failure of this product. Warranty claims to AEM® must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is nontransferable. Improper use or installation, use for racing, accident, abuse, unauthorized repairs or alterations voids this warranty. AEM® disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by AEM®. Warranty returns will only be accepted by AEM® when accompanied by a valid Return Merchandise Authorization (RMA) number. Credit for defective products will be issued pending inspection. Product must be received by AEM® within 30 days of the date RMA is issued.

If you have a warranty issue, please call (800) 992-3000 and our customer service department will assist you. A proof of purchase is required for all AEM® warranty claims.

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