



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS
PART NUMBER
21-794C (GUN METAL GRAY FINISH)

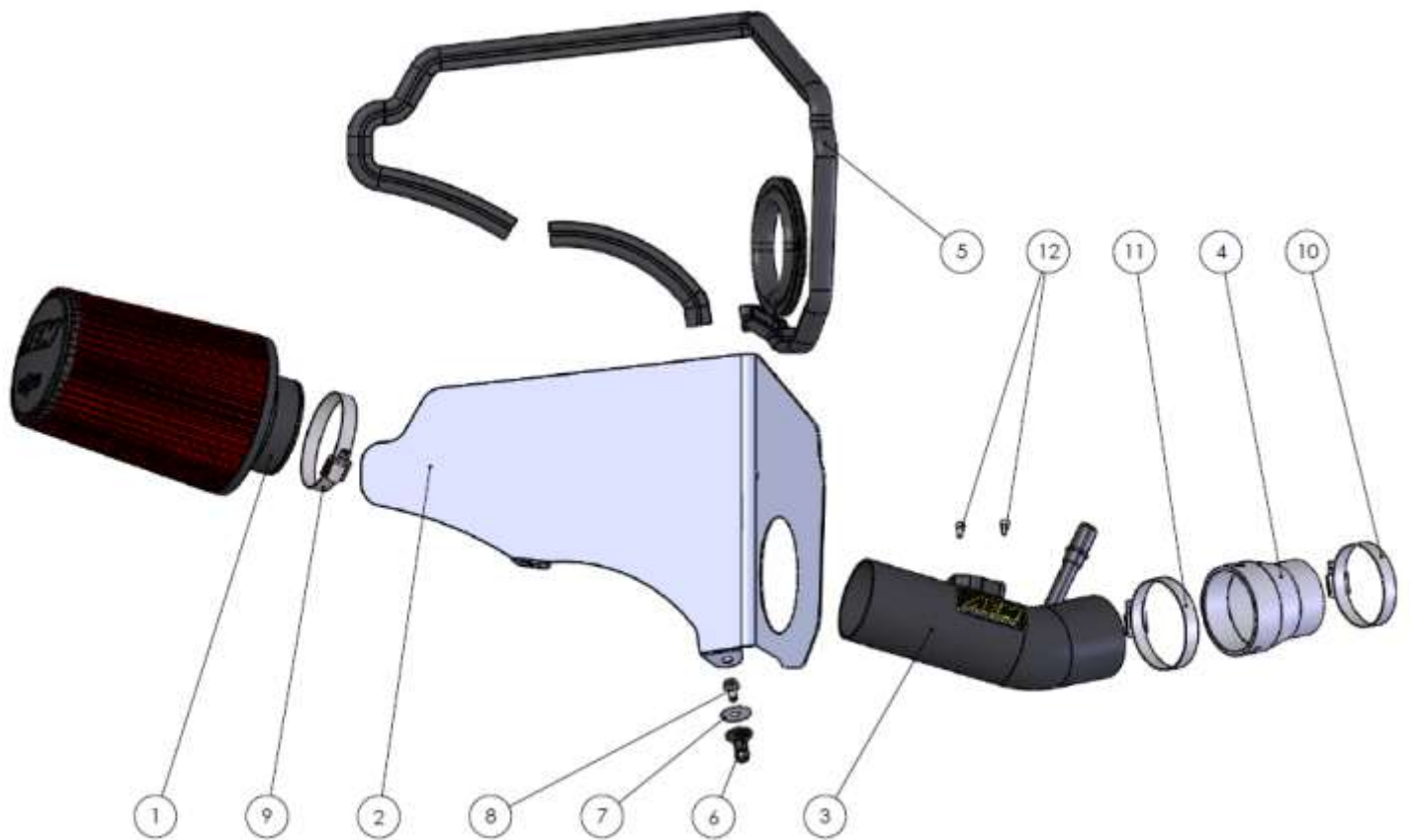
2014-15

Chevrolet

Malibu

2.0L Turbo

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	21-2157DK	AIR FILTER 2-3/4" FLG, 5-1/2"B, 4-3/4T DRYFLOW	1
2	20-8581	HEAT SHIELD; CHEVROLET MALIBU 2.0L TURBO 2014, MIL STL, TB/PC	1
3	2-1572C	INTAKE TUBE; 2.75"OD X 8", 21-794, GUNMETAL GREY	1
4	5-227	COUPLER, 2.25/2.75"X3"	1
5	102470	EDGE TRIM; 3/4 BULB, 57"L	1
6	8-186-1	MOUNT, PLASTIC AIRBOX, NYLON	1
7	08160	WASHER; 1"D X 1/4 HOLE FENDER	1
8	22224	BOLT; M6X1.00X12 HEX; FLG	1
9	9444	HOSE CLAMP, 2.31-3.25"	1
10	9436	HOSE CLAMP, 1.81"-2.75"	1
11	9440	HOSE CLAMP, 2.15-3.00"	1
12	1-2105	BOLT; SOCKET M4-.7 X 8MM	2



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.

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.

Tools Needed:	Side Cutters
Screwdriver	T20 Torx Key
10 & 15mm Socket	4mm Hex Key
Extension Socket Driver	Optional: Small Torque Wrench

2. Removal of stock system



a. Unclip the red locking tab on the mass air flow (MAF) sensor connector to release the connector from the sensor.



b. Release the MAF sensor wiring harness clips from the air box.



c. Release the quick-disconnect from the factory air intake tube. This will require using a thin flathead screwdriver to reach the clip.



d. Loosen the hose clamp that secures the stock intake tube to the turbo.



e. Pull up and remove the air box and tube assembly from the engine compartment. The tube will slip off of the turbo after lifting up on air box.



f. Engine compartment without factory air box assembly.



g. Loosen the MAF sensor screws and remove the sensor from the air box. The sensor will be reused in step 3a.



h. Loosen and remove the 15mm bolt on the engine mount. The bolt will be reinstalled in step 3f.

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. Install the MAF sensor into the AEM intake tube with the supplied M4 bolts.



b. Install the edge trims and mounting hardware on the AEM heat shield as shown. Please refer to the illustration on pg. 2 for part details if needed. Edge trim will need to be cut to approx. lengths of 39", 12", and 6".



c. Insert the AEM intake tube into the heat shield opening and install the air filter with hose clamp as shown. Torque filter hose clamp to 30 in-lb at this time.



d. Install the hose with clamps onto the turbo compressor inlet as shown.



e. Install the complete intake assembly into the engine compartment. Line up the intake tube to the turbo hose and push in the plastic stand-off into the grommet.



f. Line up the tab on the heat shield and secure with the 15mm bolt that was removed in step 4h.



g. Connect the vent hose, MAF sensor connector, rotate tube for best fit, and torque the hose clamps on the turbo hose to 30 in-lb.



STOCK INTAKE INSTALLED



AEM INTAKE INSTALLED

4. Reassemble Vehicle

- a. Position all kit components for best fitment. Ensure that no components contact any unintended part of the vehicle.
- b. Check for proper hood clearance. Re-adjust components if necessary and re-tighten them.
- c. Inspect the engine bay for any loose tools and ensured 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.