



INSTALLATION INSTRUCTIONS

21-834C (Gun Metal Gray Finish)
TOYOTA
2009-13 Corolla
L4-1.8L

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

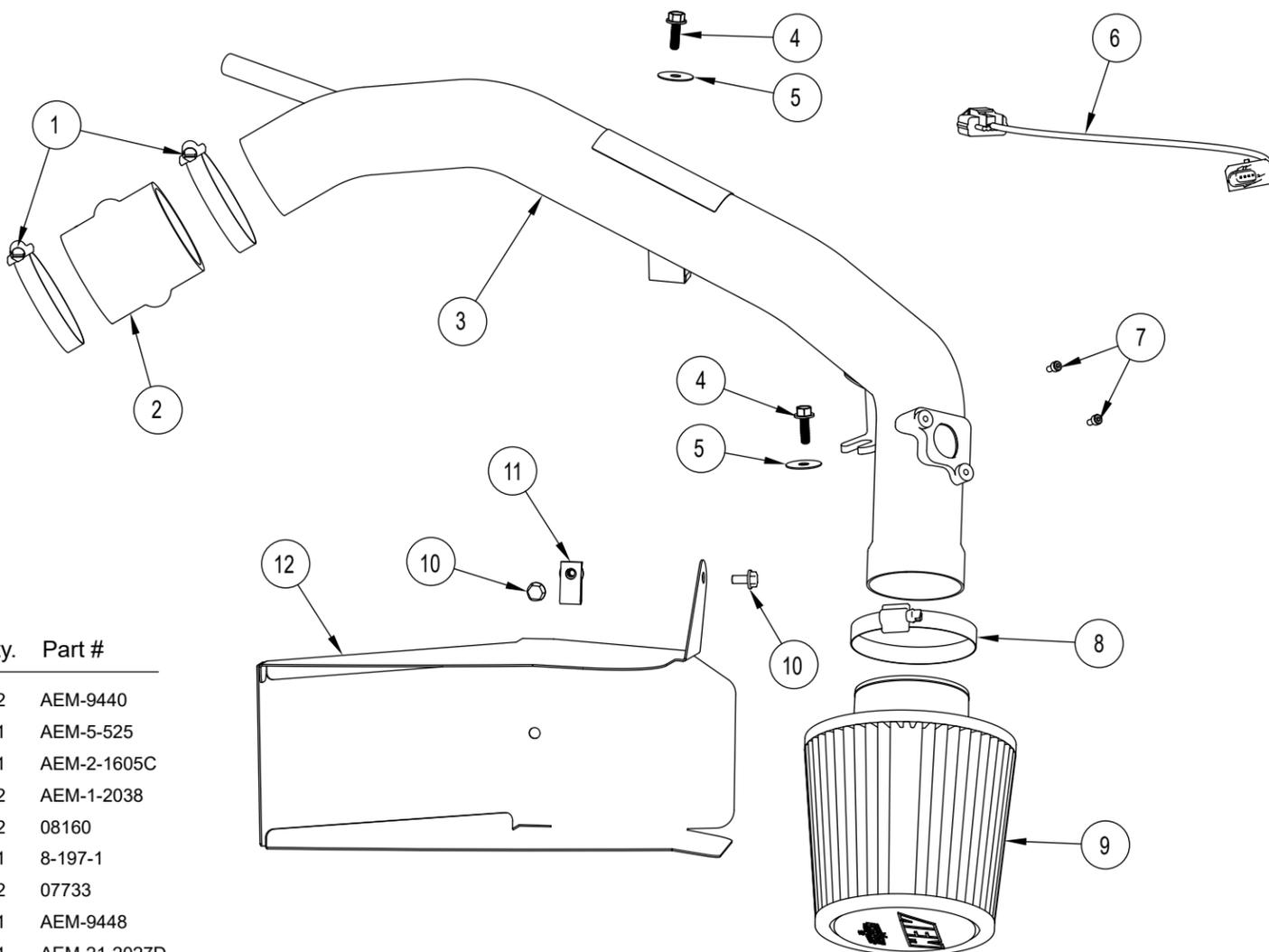
See aemintakes.com for CARB status on each part for a specific vehicle

TOOLS NEEDED:

Ratchet
 Extension
 10mm socket
 10mm wrench
 phillips screw driver
 flat blade screw driver
 3mm allen
 jack
 jack stands

PARTS LIST:

| Description | Qty. | Part # |
|--------------------------------|------|--------------|
| 1 HOSE CLAMP; 2.15-3.00" | 2 | AEM-9440 |
| 2 HOSE; HUMP 2.50/2.50 X 3.0" | 1 | AEM-5-525 |
| 3 INTAKE TUBE; 2.50" OD X 31" | 1 | AEM-2-1605C |
| 4 BOLT; HEX/FLANGE M6-1 X 20 | 2 | AEM-1-2038 |
| 5 WASHER; 1"D X 1/4 HOLE | 2 | 08160 |
| 6 EXTENSION HARNESS; 5 PIN | 1 | 8-197-1 |
| 7 BOLT; M4 - 0.07 8MM, A/H CAP | 2 | 07733 |
| 8 1/2" BNDHOSE CLAMP, 2.56" | 1 | AEM-9448 |
| 9 AIR FILTER; 2.75 X 7 | 1 | AEM-21-2027D |
| 10 BOLT; HEX/FLANGE M6-1.0 | 2 | AEM-1-2110 |
| 11 NUT; 6MM-1.0, CLIP | 1 | 07567 |
| 12 AIR DAM; 2012 TOYOTA | 1 | AEM-20-8607 |



If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

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.

TO START:

1. Turn off the ignition and disconnect the negative battery cable.

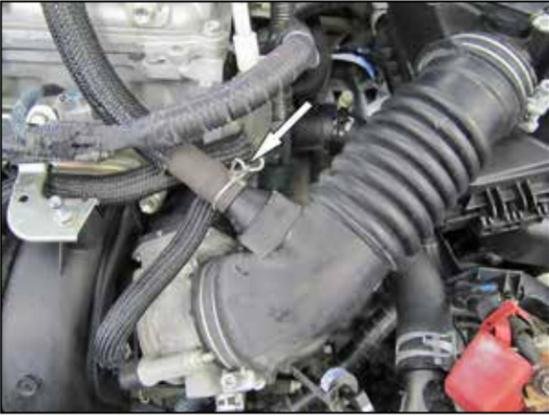
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code.



2. Remove the decorative engine cover.



3. Disconnect the negative battery cable first, then remove the battery and hold down assembly from the vehicle.



4. Release the spring clamp and then disconnect the crank case vent line from the factory intake tube.



5. Disconnect the mass air sensor electrical connection and unhook the wiring harness from the factory air filter housing. Loosen the hose clamp securing the intake tube to the throttle body and unclip the air filter housing retaining clips. Remove the upper air filter housing and intake tube from the vehicle.

NOTE: AEM recommends that customers do not discard factory air intake.



6. Remove the three bolts that secure the lower air filter housing. Disconnect the wiring harness from the mounting bracket. Remove the air filter housing from the vehicle.



7. Remove the plastic retaining clip that secures the upper fresh air duct and then remove the duct from the vehicle.



8. Place the vehicle on suitable jack stands and remove the left front tire. Remove the five clips and two bolts that secure the front of the inner fender and flex it back behind the brake assembly to gain access to the intake resonator.



9. Remove the two bolts and one nut which secure the intake resonator to the vehicle and then remove the resonator from the vehicle.



10. Remove the bolt that secures the lower fresh air intake tube and then remove the tube from the vehicle.



11. Remove the plastic air diverter from behind the bumper cover.
NOTE: The diverter is held on by three clips.



12. Install the provided clipnut onto the core support as shown.
NOTE: The clipnut will use the bottom hole that the air diverter attaches to.



13. Install the AEM® air diverter using the provided hardware.

NOTE: The diverter will attach to the clipnut installed in the previous step and to the inner fender.



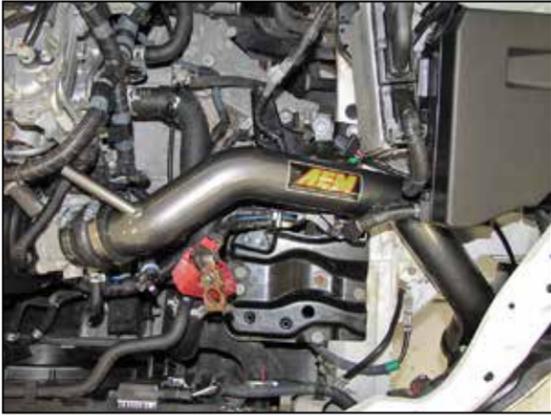
14. Install the provided hump coupler (5-525) onto the throttle body and secure with the provided hose clamp.



15. Remove the mass air sensor from the factory air filter housing and install into the AEM® intake tube using the provided hardware.



16. Connect the provided harness extension onto the mass air sensor.



17. Install the AEM® intake tube through the fender and into the coupler hose, secure the tube with the provided hose clamp and hardware.



18. Install the AEM® air filter onto the intake tube and secure with the provided hose clamp. Reinstall the inner fender and secure with the factory hardware. Reinstall the tire and secure with the factory lug nuts. Lower the vehicle from the jack stands.



19. Reinstall the battery and hold down assembly, connect the positive battery cable.

NOTE: Rotate the positive battery connection for best clearance. Tolerances may vary.



20. Connect the crankcase vent hose and secure with the factory spring clamp.



21. Connect the factory mass air harness to the AEM® extension harness and secure with the provided tie wrap.



22. Reinstall the decorative engine cover.



Reassemble Vehicle

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. Tighten the rubber mount, all bolts, and hose clamps. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened. Reconnect negative battery terminal and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

Service and Maintenance

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 99-0624 and follow the easy instructions. Use window cleaner to clean your powder coated AEM® intake tube.

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

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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.