



**INSTALLATION INSTRUCTIONS**  
**PART NUMBER:**  
**26-2102C (Gun Metal Grey Charge Pipes)**

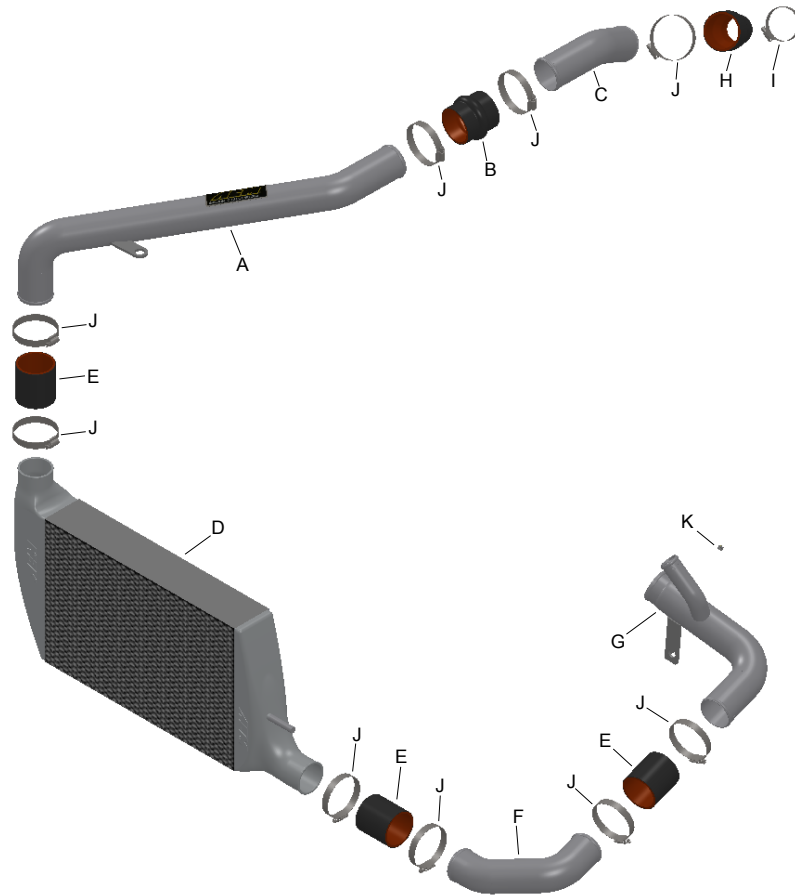
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2010-2014 Mitsubishi Lancer Evolution L4 2.0L C.A.R.B. E.O. #D-670-17

**Intake systems for vehicles listed are 50 state legal. See [AEMIntakes.com](http://AEMIntakes.com) for CARB status on each part for a specific vehicle.**

## PARTS LIST

Description	Qty.	Part Number
A	1	2-1483
B	1	5-1071
C	1	2-1482
D	1	25-0002
E	3	5-1072
F	1	2-1484
G	1	2-1485
H	1	5-1070
I	1	103-BLO-3220
J	9	103-BLO-4420N
K	1	1-1014



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 intercooler, throttle body and engine.

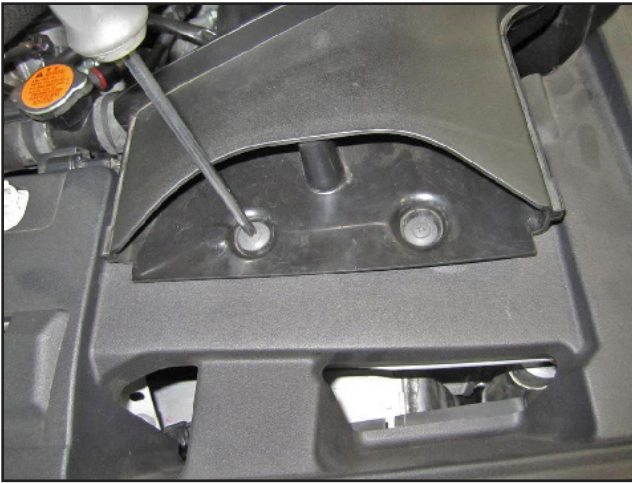
## 1. Preparing Vehicle

- a. Make sure vehicle is parked on level surface.
- b. Set parking brake.
- c. If engine has run in the past two hours, let it cool down.
- d. Disconnect negative battery terminal.
- e. Raise the front of the vehicle with a jack. Refer to your owner's manual for proper jack and jack stand placement to properly support vehicle. Support your vehicle using properly rated jack stands before wheel removal or while working under the vehicle.

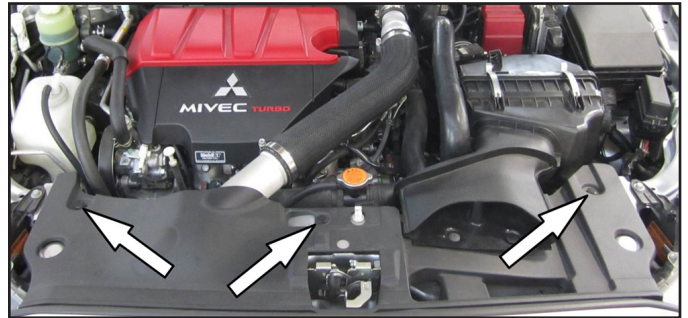
**NEVER WORK UNDER A VEHICLE WITHOUT USING JACK STANDS.**

- f. Do not discard stock components after removal of the factory system.

## 2. Removal of stock intercooler



a. Using a Phillips head screwdriver, remove 2 plastic clips holding down the intake air inlet duct onto the top plastic cover. Carefully disconnect the air duct from the intake box.



b. Remove the 3 plastic clips as indicated to remove the top plastic cover.



c. Raise the vehicle to access the lower plastic belly pans. remove six 6mm bolts and 30 plastic clips to detach three-piece plastic belly pan.

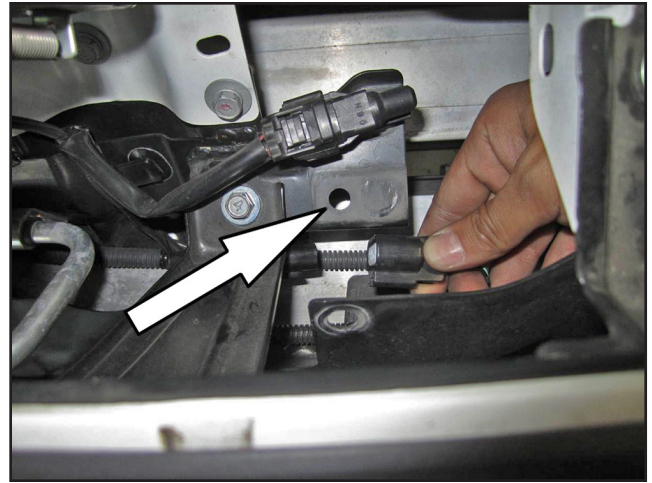


d. Remove three phillips head plastic clips and one M6 bolt from each front fender well.

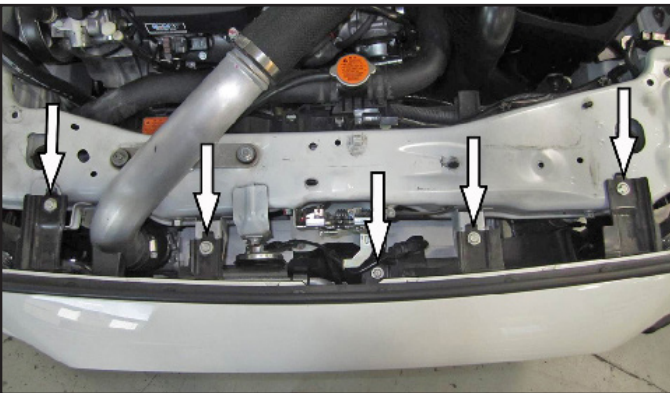




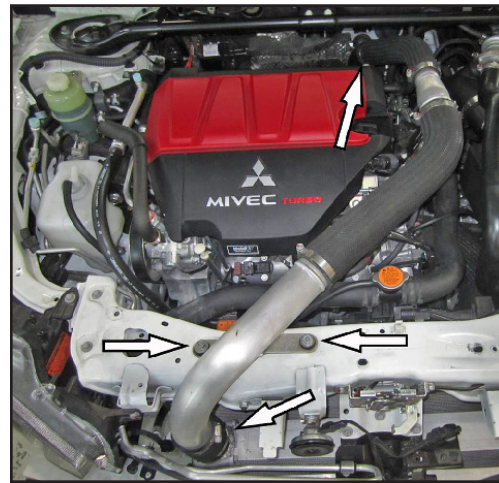
e. Remove the 2 black M6 bolts on the lower grill of the front bumper.



f. Remove the plastic clip near the AAT sensor and pull back plastic tab to disconnect foglight wiring harness connection.



g. Remove the 5 M6 bolts shown and unclip front bumper at each front fender and headlight. Carefully remove bumper and set aside.

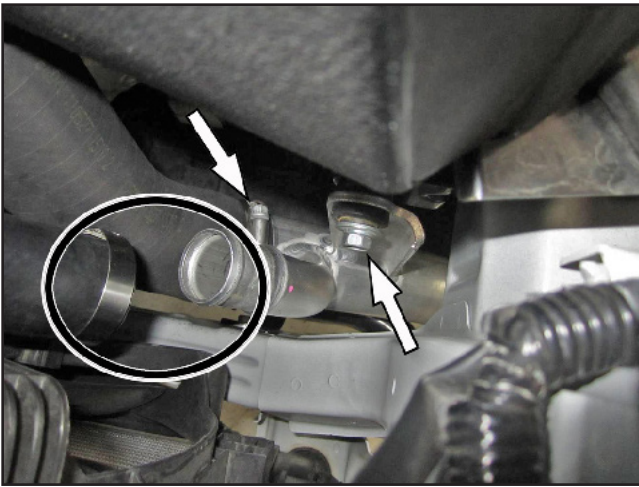


h. Loosen hose clamp on coupler at inlet of intercooler and hose clamp at turbo outlet. Remove 2 M8 bolts securing upper charge pipe to radiator support and carefully remove upper charge pipe. Set aside the 2 bolts for use with AEM charge pipes during installation steps.



i. Remove rubber grommets and sleeves from upper charge pipe bracket for use with AEM charge pipes during installation procedure.

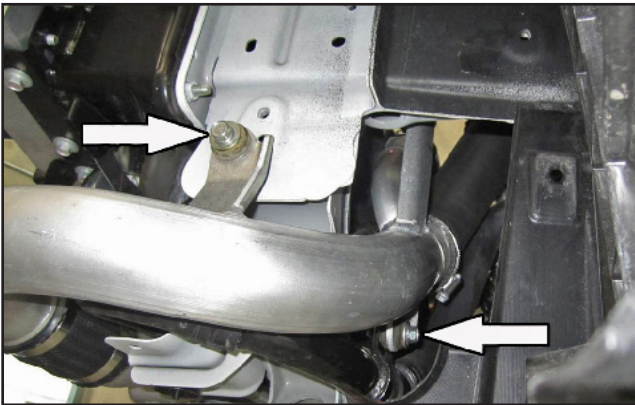




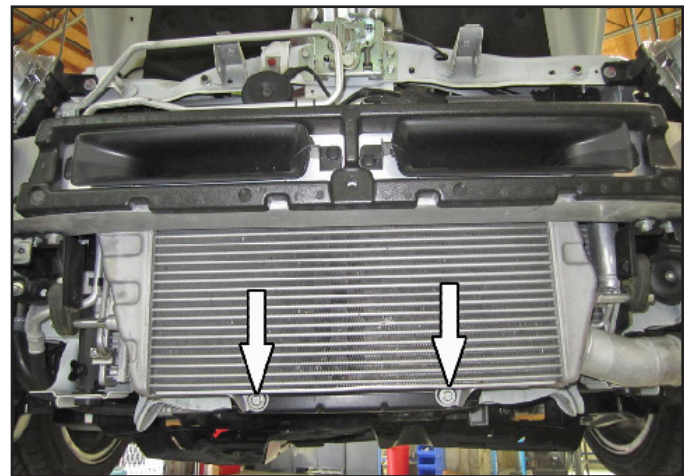
j. Loosen hose clamp to detach recirculation hose from lower charge pipe. Remove M8 bolt on upper bracket of lower charge pipe. Loosen hose clamp securing wrapped coupler to lower charge pipe.



k. Remove 3 plastic clips on driver side wheel well to gain access to lower charge pipes and mounting bolts.



l. Remove 2 additional M8 bolts securing mounting brackets on lower charge pipe. Loosen hose clamp securing coupler to outlet of intercooler. Slide pipe and coupler off intercooler. Carefully remove lower charge pipe from wrapped coupler.



m. To remove stock intercooler, remove the 2 lower M8 bolts securing the intercooler to the lower mounting bracket. Slide rubber grommets off each end tank hanger and carefully lower intercooler down and away from radiator cooler.



n. Loosen and remove 2 M8 bolts to remove lower intercooler mounting bracket from vehicle. Set aside the 2 M8 bolts for use with AEM intercooler installation.



### 3. Installation of AEM® Intercooler System

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



a. Remove threaded hanger on inlet side of stock intercooler using 10mm wrench and install into threaded hole of inlet endtank on AEM intercooler.



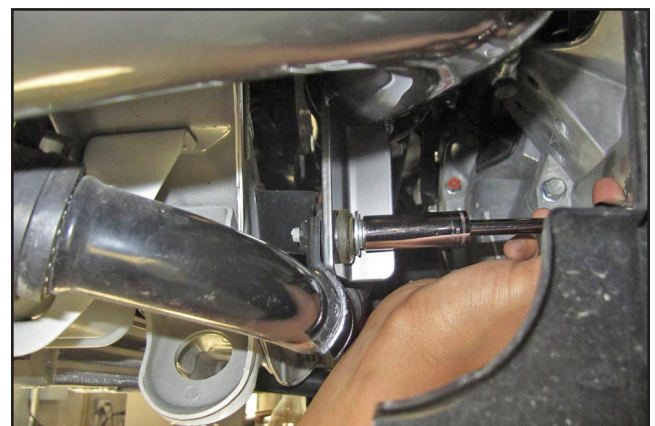
b. (This step will require 2 people for this step in order to avoid damaging radiator) Position AEM intercooler between bumper beam and radiator cooler and slide hanger rods into stock rubber intercooler hangers. While still holding intercooler away from radiator cooler, fasten lower bracket of AEM intercooler to subframe using bolts removed in Step 2n of removal instructions.



c. Use plumbers tape with 1/8 NPT plug provided to seal threaded hole on charge pipe as shown and tighten with allen wrench.

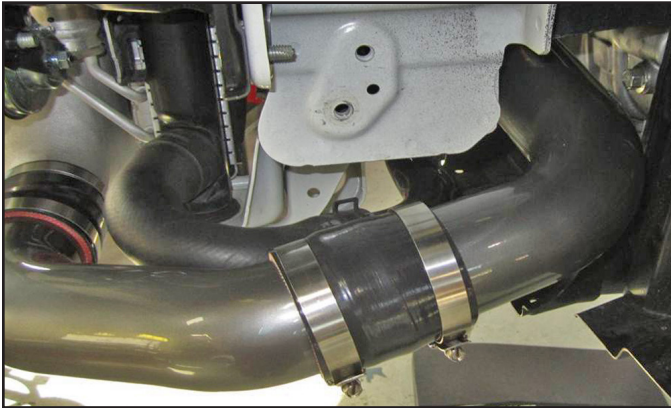
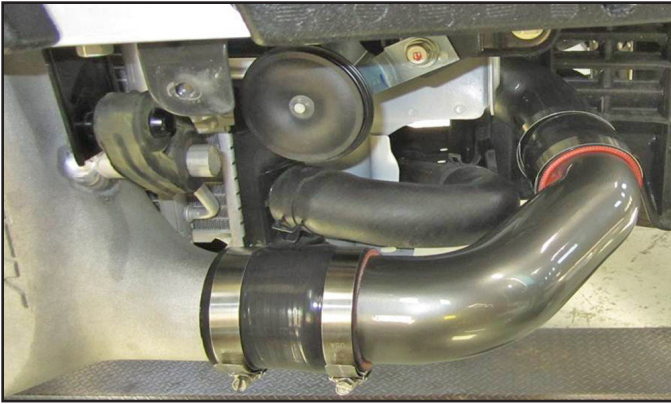


d. Remove stock grommet and sleeve from lower stock charge pipe and install into bracket of AEM lower charge pipe(2-1485) as shown.



e. Slide charge pipe into stock wrapped coupler with original hose clamp and secure lower bracket to previous mounting location using stock M8 bolt and washers. Do not fully tighten hose clamp until instructed to do so.





f. Install smaller lower charge pipe(2-1484) with straight couplers (5-1072) and hose clamps(103-BLO-4420N) provided. Adjust for clearance between charge pipes and lower coolant hose and also plastic wheel liner. Tighten hose clamps once adequate clearance is achieved.



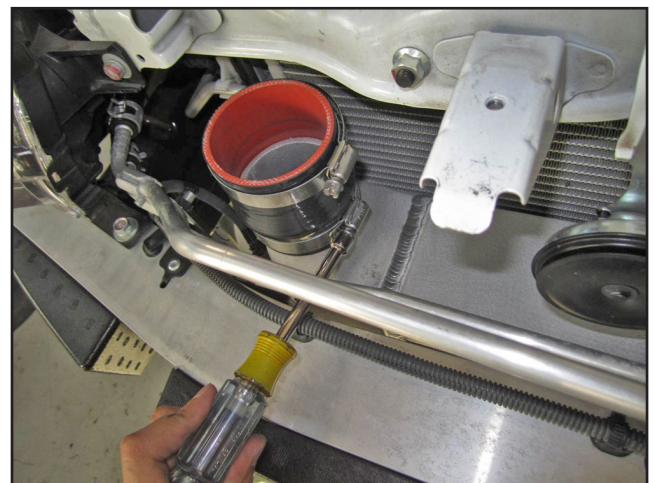
i. Slide smaller diameter end of transition coupler with hose clamp(103-BLO-3220) over turbo outlet as shown. Do not fully tighten hose clamp at this time.



g. Connect rubber hose to recirculation tube and adjust charge pipe for clearance if necessary. Tighten stock hose clamps on both charge pipe and recirculation tube.



h. Slide hump coupler(5-1071) approximately 1 inch over stamped end of charge pipe(2-1482). Install transition coupler over the opposite end of charge pipe as shown and secure both couplers to charge pipe with provided hose clamps(103-BLO-4420N).

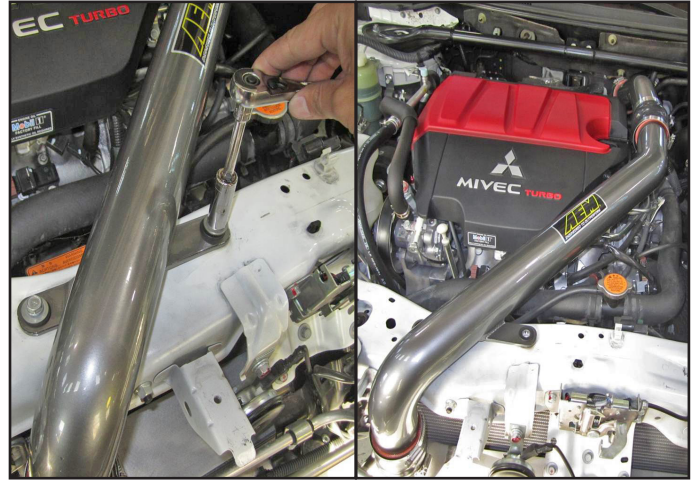


j. Install straight coupler(5-1072) with two hose clamps(103-BLO-4420N) onto intercooler inlet tube. Position coupler 1 inch over intercooler inlet tube and tighten hose clamp.





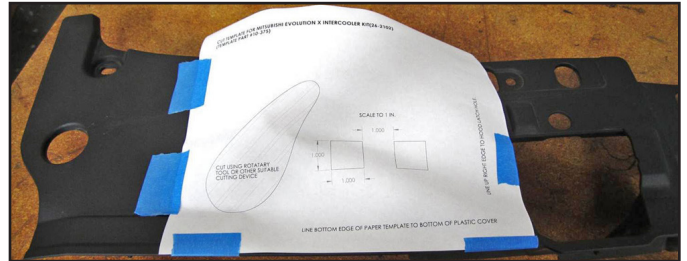
k. For upper charge pipe(2-1483), install rubber grommets and sleeves removed in Step 2i into brackets as shown.



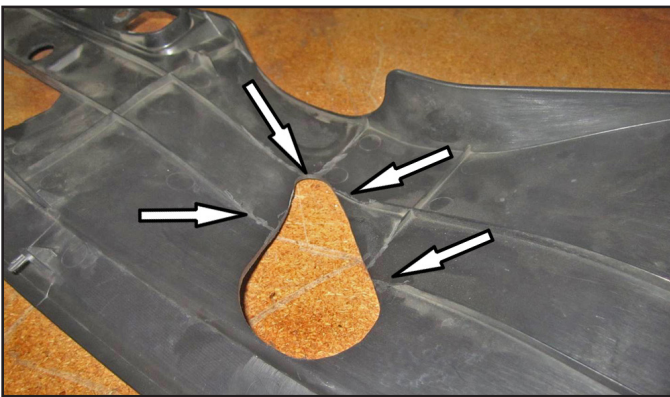
l. Slide stamped end of charge pipe into straight coupler previously installed and other end into the hump coupler. Line up mounting brackets to threaded holes on radiator panel. Fasten charge pipe to panel using stock M8 bolts previously removed in Step 2h of removal.



m. Rotate and adjust upper pipe (2-1482) to line up with previously installed charge pipe(2-1483). Check and adjust for clearance along engine cover and valve cover breather hose.



n. The front plastic cover will have to be modified to clear the new AEM charge pipe. Tape down cut-out template on indicated edges as shown and etch onto plastic cover using a razor blade. Use a hand-held rotary tool to cut out shape specified.



o. On reverse side of plastic cover, trim plastic ribs near shaped hole to provide additional clearance for upper charge pipe.





p. Confirm clearance around all four charge pipes and tighten all hose clamps prior to reinstalling bumper, three-piece plastic belly pan, top plastic cover, and intake inlet duct.



q. Reinstall front bumper and reconnect fog lamp harness. Reinstall top plastic cover with plastic clips removed in 2b followed by reinstallation of air duct and clips removed in step 2a. Reinstall three-piece belly pan removed in step 2c



Stock Intercooler System Installed.



AEM® Intercooler System Installed.

#### 4. Reassemble Vehicle

- a. Position the intercooler 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.
- 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 terminals and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

#### 5. CARB Sticker Placement

- a. The C.A.R.B. exemption sticker, (attached), must be visible under the hood so than an emissions inspector can see it when the vehicle is required to be tested for emissions. California requires testing every two years, other states may vary.

#### 6. Service and Maintenance

- a. Use window cleaner to clean your powder coated AEM® charge pipes. **(NOTE: DO NOT USE aluminum polish on powder coated AEM charge pipes).**

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For technical inquiries  
e-mail us at  
[sales@aemintakes.com](mailto:sales@aemintakes.com)  
or  
call us at  
800.992.3000

#### AEM Intercooler system Warranty Policy

AEM® warrants to the original purchaser that the AEM intercooler system is free from defects in workmanship and materials for a period of 1 year.

The warranty covers the entire intercooler system.

The warranty applies to vehicles NOT used in competitive racing events. AEM will not honor this warranty if the intercooler system has been altered in any way, installed incorrectly, used with non AEM hardware, the vehicle has been in an accident or is not installed on the vehicle for which it is intended to fit. AEM will not warrant any intercooler system for damage deemed normal wear and tear such as the occurrence of bent fins from rocks/bugs/road debris.

For warranty consideration, the original sales receipt must be presented to the retailer from where the system was purchased or any AEM retailer in good standing with AEM. The warranty applies to the parts that are deemed defective by AEM and only those parts shall be replaced. AEM does not assume the cost of removal and reinstallation of the intercooler system.

No other warranty expressed or implied (including merchantability) applies to AEM intercooler systems, nor is any person or the manufacturer authorized to assume any other warranty. Further AEM does not assume responsibility for any consequential damages arising from the purchaser's use of the product.

This warranty gives you specific legal rights. Your rights may vary depending on the state where you reside.