



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER

21-801C (Gun Metal Gray Finish)

2015-2016

ACURA

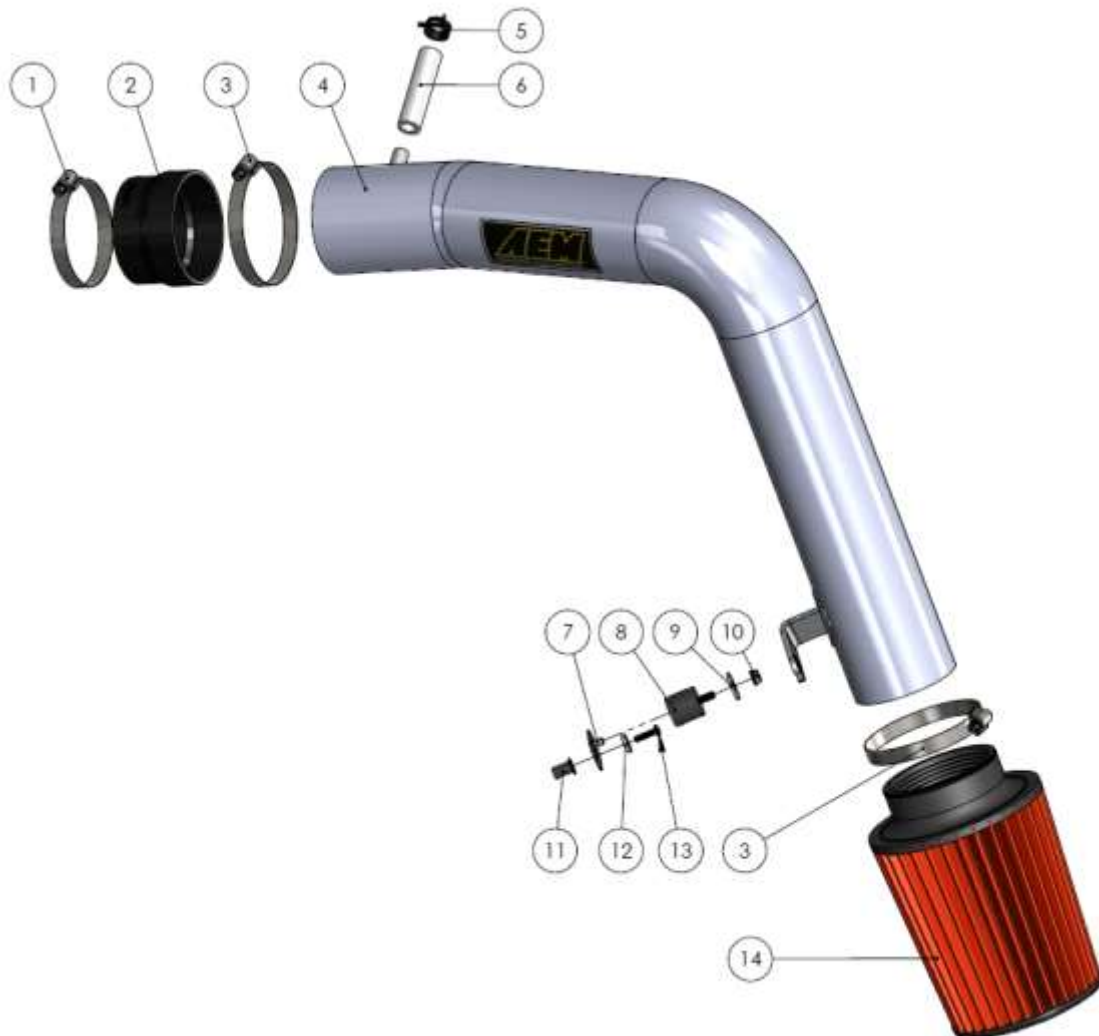
TLX

3.5L V6

C.A.R.B E.O # D-670-24

Some intake systems are not legal for sale or use on any pollution controlled motor vehicle in California or states adopting CA emission procedures. To know if a part number is legal in CA on your vehicle, visit AEMIntakes.com.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	9448	1/2" BNDHOSE CLAMP,2.56"-3.50"	1
2	084091	HOSE; 3-1/4"ID TO 3-1/2"ID X 2-1/4"L, BLK	1
3	9456	1/2" BNDHOSE CLAMP,3.15"-4.00"	2
4	2-1528C	INTAKE TUBE; 3.50'OD X 31, 21-751, GUNMETAL GRAY	1
5	08553	HOSE CLAMP; SPRING BAND 20MM X 12MM	1
6	5-5003	HOSE; 1/2"ID X 3"L	1
7	7-352	BRACKET; 2.00" X 1.00" , M6 STUD, STAINLESS STEEL	1
8	1228596	MOUNT, RUBBER M6 X 3/4" TALL M/F	1
9	08160	WASHER; 1"D X 1/4 HOLE FENDER	1
10	444.460.04	NUT; M6 HEX SERRATED	1
11	1-2114	WELLNUT, 10-32 x 3/4"	1
12	08275	WASHER; 1/4"ID X 5/8"OD - SAE	1
13	1-2542	MACHINE SCREW, 10-32 x 3/4"	1
14	21-2147DK	AIR FILTER; 3.5" X 7" DRYFLOW	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. 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.

- Tools Needed:**
- Slot & Phillips Screw Drivers
 - Needle-Nose Pliers
 - 10mm Wrench
 - 8 & 10 & 19mm Socket
 - Socket Driver with 14" of Extension & U-Joint
 - Torque Wrench
 - Vehicle Jack & Jack Stands
 - Utility Knife

1. Preparing Vehicle

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

2. Removal of stock system



a. Remove the engine cover by lifting straight up.



b. Depress the MAF electrical connector and squeeze the green clip to remove the wiring harness from the stock air box.



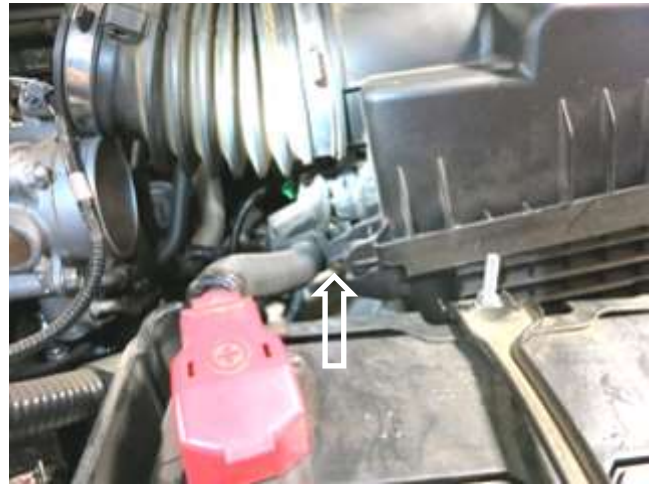
c. Squeeze the spring clamp and remove the vent line from the stock intake duct. This will be reused in step 3f.



d. Remove the two bolts circled that secure the air box to the vehicle.



e. Loosen the hose clamp at the throttle body and remove the intake duct from the throttle body.



f. Unclip the wiring harness from the stock air box and remove the stock intake system from the vehicle. Note: Do not discard any of your stock equipment.



g. Jack vehicle up at a weight bearing location to lift driver-side wheel off the ground, then remove the wheel.



h. Using a flat screw driver, disconnect the six trim panel clips shown above. Disconnect by inserting screwdriver



on both sides, one after the other and twisting until one piece separates from the other. Both pieces of the



the clip can then be pulled out together. Repeat for the three clips in front of the wheel shown above.



j. Separate the undercarriage panel from the fender liner by rotating them away from each other.



k. Once the fender liner is free, it can fold neatly back behind the brake assembly as shown.



l. First remove the bolt shown above on the left, allowing you to lower the resonator. Using a short 10mm socket and u-joint on the end of at least 14" of extension



-and remove the bolt on the right. The resonator can then be pulled out as shown above.



m. Remove the two screws securing the MAF to the stock air box. These will be reused in step 3c.

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 provided wellnut into the frame of the vehicle as shown. Note: Use soap and water to ease installation.



b. Install the included coupler and hose clamps as shown on the throttle body. Tighten the one closest to the throttle body to 30 in-lbs.



c. Install the MAF sensor with factory screws removed in step 2m onto the AEM intake tube.



d. Install the AEM intake tube into the coupler that was previously installed. Do not tighten the hose clamp at this time.



e. Install the rubber mount onto the provided bracket & install the bracket into the vehicle, then secure the screw to the wellnut. Align the AEM intake tube bracket with the mount & secure with provided washer & nut.



f. Install the provided hose and spring clamp onto the AEM intake tube. Install the vent line into the hose and secure the spring clamp that was removed in step 2c. Note: Trim hose to fit.



g. Remove the electrical tape that holds the MAF harness to the main wire harness.



h. Plug the MAF connector back into the MAF sensor on the AEM intake tube.



i. Install the AEM filter onto the AEM tube and secure with the provided hose clamp to 30 in-lbs.

j. Reinstall the fender liner and check for clearance at the end of the filter and around the upper edge. If the filter displaces the fender liner, loosen the clamps and bolt, adjust and re-tighten. Reinstall the wheel, taking care to properly torque the wheel to factory specifications. Note: The filter for this application was sized to maximize power output. It may contact the fender liner, but should not displace it. If factory suspension or wheel modification cause contact with the fender liner that pose a risk to the securing of the filter, other filter geometries are available and can be found at <http://www.aemintakes.com/search/univcone.aspx>.



STOCK INTAKE SYSTEM



AEM INTAKE SYSTEM

4. Final Procedure

- a. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- b. 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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