



## INTAKE SYSTEM

# INSTALLATION INSTRUCTIONS

## 26-3007C

### BMW

2016-18 340i / 340i XDRIVE

2017-19 340i XDRIVE GRAN TURISMO

2017-19 440i / 440i GRAN COUPE

2017-19 440i XDRIVE / 440i XDRIVE GRAN COUPE

2017-19 540i / 540i XDRIVE

2017 640i / 640i XDRIVE

2017-19 640i GRAN COUPE

2017 640i XDRIVE GRAN COUPE

2018-19 640i XDRIVE GRAN TURISMO

2016-19 740i

2017-19 740i XDRIVE

2017-19 M240i

2018-19 M240i DRIVE

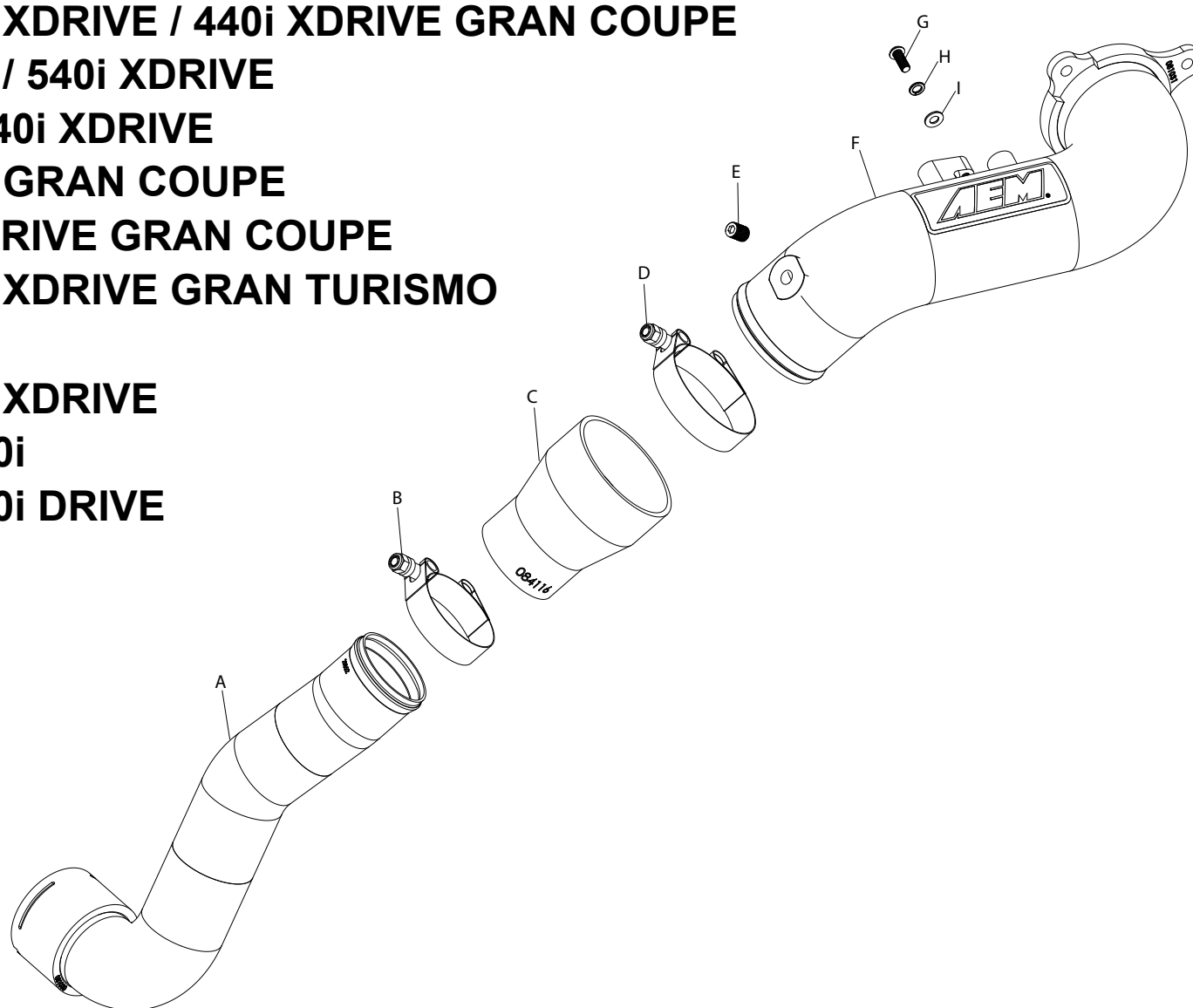
L6-3.0L

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

See [aemintakes.com](http://aemintakes.com) for CARB status on each part for a specific vehicle

#### TOOLS NEEDED:

Ratchet  
Extension  
11mm socket  
4mm allen key  
3/16" allen key  
T25 torx  
T30 torx  
flat head screw driver



#### PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A TUBE; 2.25"OD X 16"L, (AL)	1	25852C	D HOSE CLAMP; T-BOLT, #312	1	21852	G SCREW; M6 X 20MM, BTNHD CAP	1	KIT20BHC3060
B HOSE CLAMP; T-BOLT, #256	1	21812	E PLUG; STAINLESS STEEL 1/8"NPT	1	1-1014	H WASHER; M6 SPLIT LOCK	1	1-3025
C HOSE; 3"ID TO 2-1/4"ID X 4"L	1	084116	F TUBE; 3"OD X 15"L, (AL)	1	25853C	I WASHER; 6MM FLAT	1	08269

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. Lift the engine cover and remove it from the vehicle.



3. Disconnect the mass air sensor electrical connection and loosen the hose clamp that secures the intake hose to the air filter housing.





4. Lift the air filter housing up to dislodge it from the mounting grommets and remove it from the vehicle.



5. Loosen the clamp and then remove the intake tube from the turbo inlet.



6. Disconnect the charge tube pressure and temperature sensor electrical connections.



7. Using a T30 torx bit remove the three bolts that secure the charge tube to the throttle body.



8. Using a flat blade screwdriver, unlock the clip that locks the charge pipe to the turbo outlet. Remove the charge tube assembly from the vehicle.



9. Disconnect the vacuum switch from the ccv line as show to allow clearance for the charge pipe to be removed.



10. Remove the charge tube assembly from the vehicle.



11. Remove the temperature sensor and pressure sensor from the factory charge tube.



12. Remove the O-ring and locking clip from the factory charge pipe.



13. Install the factory O-ring into the AEM charge tube.



14. Install the locking clip onto the AEM charge tube as shown.



15. Install the temperature sensor and pressure sensor into the AEM charge tube.



16. Install the 1/8npt pipe plug into the AEM charge pipe as shown. **NOTE: Be sure to use pipe sealant on the threads.**



17. Install the step hose onto the lower charge tube section but do not tighten the clamp at this time. Install the lower tube section onto the turbo outlet, push the pipe on until the locking ring "clicks" into the locking groove.



18. Install the upper AEM charge pipe into the coupler and then align with the throttle body, Secure the pipe to the throttle body with the factory bolts.





19. Align the lower pipe and step coupler for best fit and then tighten the hose clamps.



20. Reconnect the temperature sensor and pressure sensor electrical connections.



21. Reconnect the vacuum switch to the CCV line.



22. If not installing a AEM intake system, Reinstall the factory intake tube and air filter housing assembly.



23. Reconnect the mass air sensor electrical connection and connect the intake tube to the air filter housing and secure with the factory hose clamp.



24. Reinstall the 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 AEM-1-1000 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.