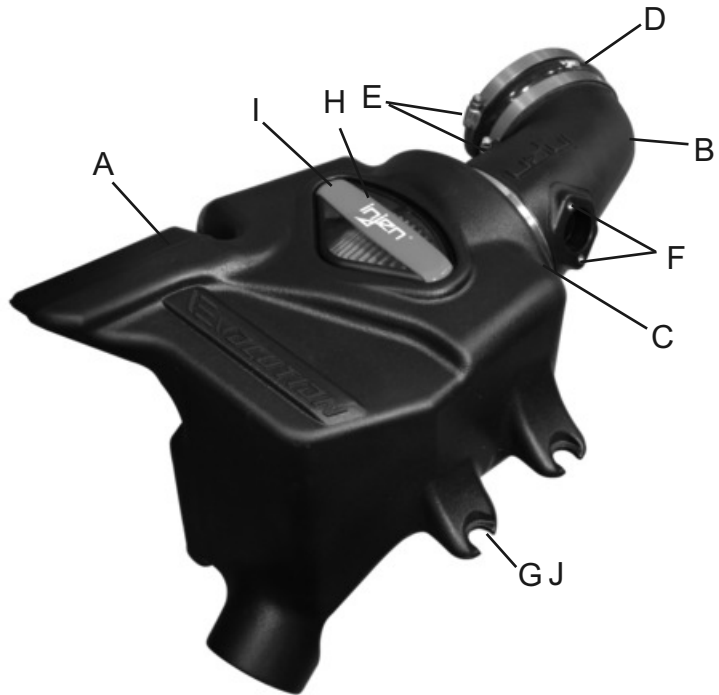




Vehicle Application:			
Make: <b>BMW</b>			
Model: <b>E46 M3</b>			
Year: <b>2001-2006</b>			
Engine: <b>3.2L L6</b>			



Item	QTY.	P/N	Discription
A	1	X-15181	Air box
B	1	X-15180	Tube
C	1	X-1107BB	Twist lock Dry filter
D	1	X-3239	5.125" hump hose
E	2	X-4019	#80 clamps
F	2	X-6072	M4 button head screws
G	1	X- 8042	Nylon spacer
H	1	X-15139	Small window
I	2	X-6109	Push washers
J	1	X-6007	M6x35mm SS socket cap

TOOLS REQUIRED	
<ul style="list-style-type: none"> <li>• 10mm Ratchet &amp; Socket</li> <li>• 8mm nut drive</li> <li>• 2.5mm Allen key</li> <li>• Flat Blade Screwdriver</li> <li>• Phillips Screwdriver</li> <li>• Pliers/cutters</li> </ul>	

**WARNING:** FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE SYSTEM, ENGINE AND COMPONENTS!!!  
**\*Do not attempt to install the intake system while the engine is hot.**  
 Severe burn could result from touching hot engine components!

Report any defective or missing parts to the authorized Injen dealer you purchased this product from. Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation, please contact your Injen Technology dealer. Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

A Limited Lifetime Warranty to the original purchaser against defects in material and workmanship on all Injen intake systems excluding the filter element. Any and all warranty coverage is limited to the repair or replacement of the defective part only, at Injen Technology's discretion. The warranty does not cover incidental or consequential damages, nor does it cover the cost of installation or removal of the defective part or its replacement. Proof of purchase is required.

# Instruction Manual P/N:EVO1106

Injen intake systems are street legal in most states unless the state is adopting to California Emissions standards. States that have adopted California emission standards include: Arizona, California, Connecticut, District of Columbia, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington. These states will require an California Air Resource Board Executive Order Number (CARB E.O.) for the legal use of an Injen intake system in your vehicle for use on public roads or highways. These vehicle will be considered "Legal in California only for racing vehicles competition use only, which may never be used upon a public street or highway. **Please keep your factory air box assembly for any future use.**

**NOTE: Verify your filter before any cleaning maintenance!**

**Blue media filter: Dry Air Filter, no oil required.**

*(SuperNano Web Dry filters require no oil, these can be cleaned using a vacuum or light compressed air. Please do not clean using water or injen restore kit.)*

**Red media filter: Factory Oiled Air Filter.**

*(Oiled cotton gauze filters require oil, please use injen restore kit. This filter can use water or cleaning solution for maintenance.)*

**Please visit [injen.com](http://injen.com) for filter cleaning instructions.**



**NOTE: DISCONNECT BATTERY BEFORE INSTALLATION!!!**

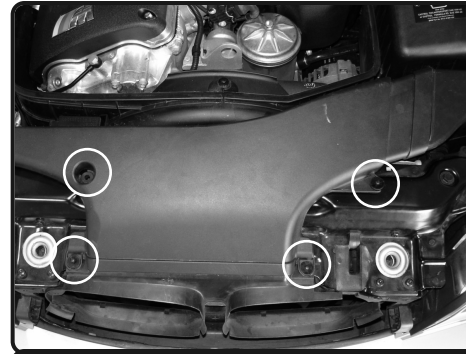
# Instruction Manual P/N:EVO1106



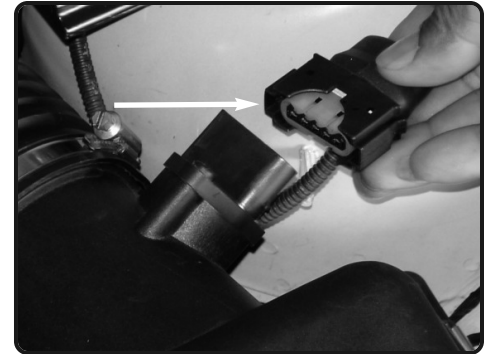
**1.** Loosen and remove two m12 flange nuts from each side of the strut tower bar. Remove the lower plate also, this will allow for more clearance.



**2.** Once you have removed all four m12 flange nuts, continue to remove the strut tower bar.



**7.** Removing the air scoop: Use a screwdriver to raise the center locking pin in the located on the clip. Remove all four plastic clips from the air scoop. Once you have removed the plastic clips, continue to remove the air scoop from the radiator shroud.



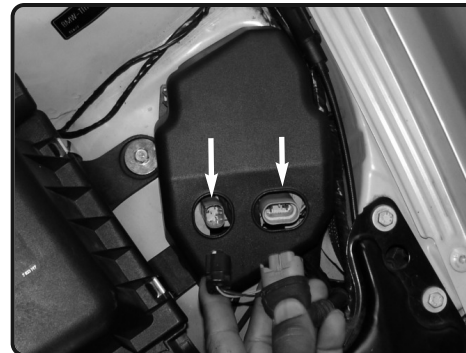
**3.** Press the side tabs on the electrical sensor harness and pull the harness away from the mass air flow sensor.



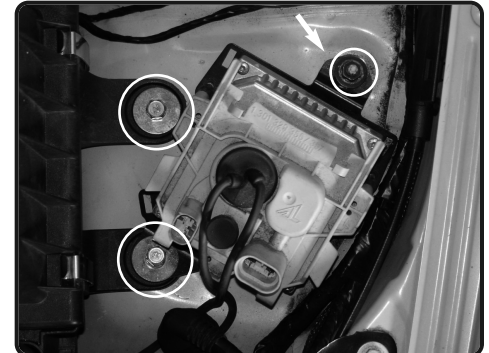
**4.** Loosen the clamp on the oval air intake duct located on the throttle body.



**5.** Loosen the clamp located on the lower air intake duct connected to the mass air flow sensor.



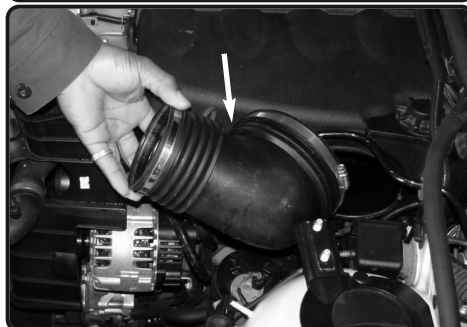
**6.** Press upper tabs on the electrical harness clips that connects to the Zenon ballast. Once you have disconnected the electrical harness clips, continue to remove the ballast cover.



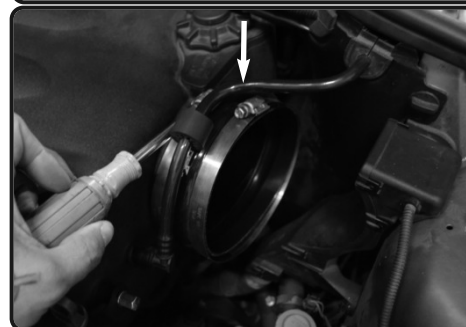
**7.** Loosen and remove the two m10 bolts and the m10 flange nut. Lift up and remove the Zenon ballast out of the way, this will allow you to remove the air box cleaner. Set Ballast to the side. Save 1 bolt and nut for later install.



**8.** The air box cleaner is now pulled up and out of the way from the engine compartment.



**9.** Continue to remove the plastic air intake duct connected to the oval throttle body.

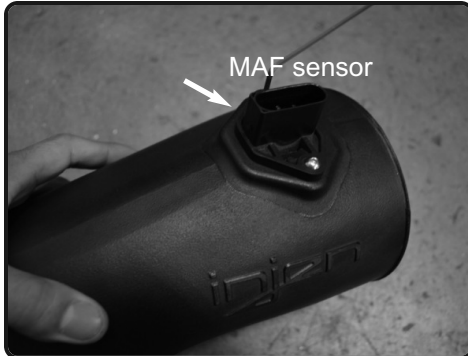


**10.** Install the provided hump hose with clamps provided to the intake plenum.

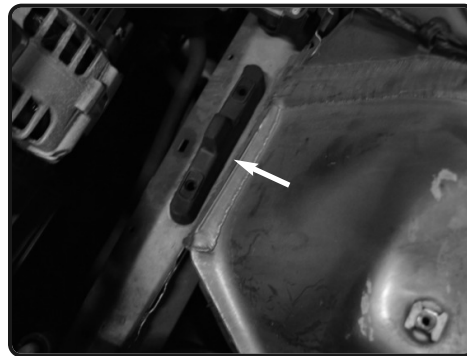


**11.** Loosen and remove the two screws on the mass air flow sensor. Pull the mass air flow sensor out of the sensor housing as shown above.

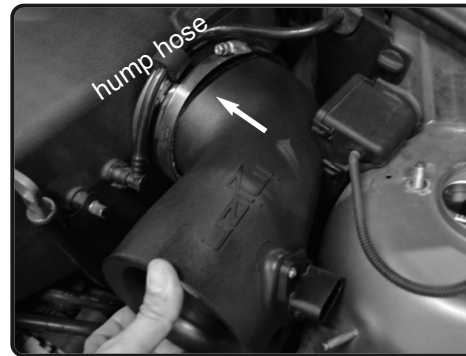
# Instruction Manual P/N:EVO1106



**12.** Install the MAF sensor into the new Injen intake tube. Secure using provided M4 button head screws.



**13.** Make sure the rubber airbox isolator is installed on the vehicle frame, and is seated properly.



**14.** Install the intake tube and position the tube to the hump hose on the plenum. Do not tighten.



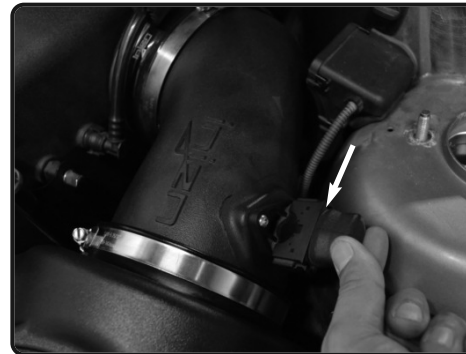
**15.** Install the twist lock filter to the air box.



**16.** Once the twist lock filter is seated, rotate in either direction a 1/4" turn. Filter will lock into place.



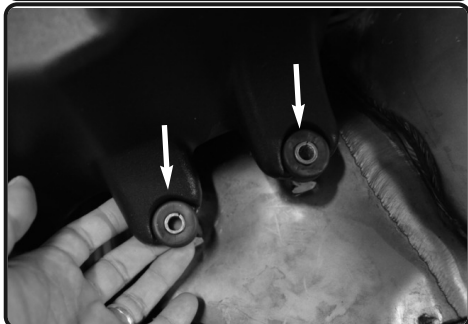
**17.** Install the air box assembly into position and connect the filter to the intake tube. Adjust and position if necessary.



**18.** Reconnect the MAF sensor harness.



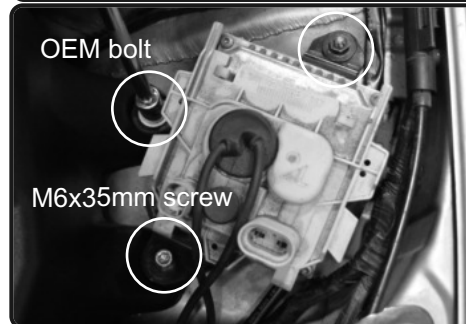
**19.** Remove the OEM grommets and crush washers from the stock air box. This will be used on the new Injen air box.



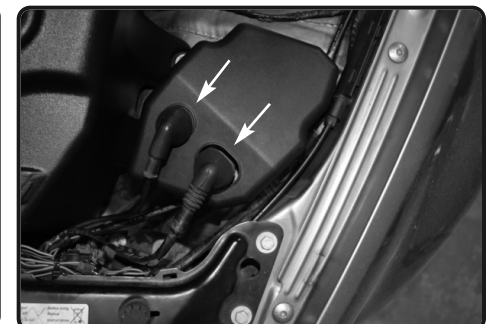
**20.** Install the grommets with crush washers to the new Injen air box.



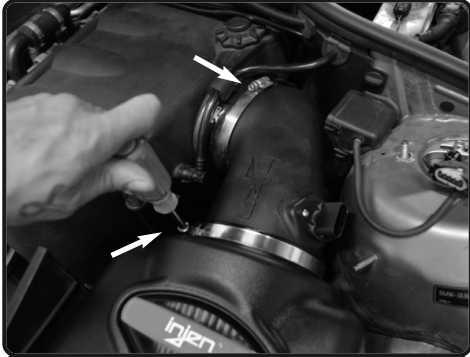
**21.** Place the nylon spacer provided to the first grommet closest to the headlight and set on top. This will allow clearance for the ballast cover.



**22.** Install the ballast and position. Secure using OEM bolt on top and nut, for bottom near headlight, use provided M6x35mm socket cap screw. Secure and tighten using Allen key.



**23.** Re-install ballast cover, and reconnect both harness.



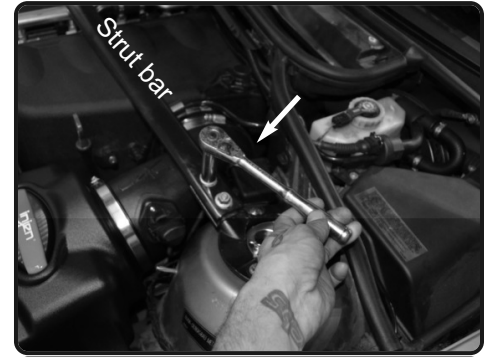
**24.** Tighten all clamps on the intake tube using 8mm nut driver.



**25.** Re install the air scoop and secure from step 7.



**26.** Re-install the strut tower plate.



**27.** Re-install the strut bar and secure and tighten the complete strut bar assembly.



Congratulations! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. **Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.**

## Test Drive:

1. With the transmission in neutral or park and the parking brake engaged, start the engine. Listen for air leaks or odd noises. If air leaks are detected, secure hoses and connections. For any odd noises, inspect entire system for cause and adjust intake as needed. The Injen intake will function identically to the factory system but will be louder and more powerful.
2. Perform a road test. Listen for odd noises or rattles and fix as necessary.
3. If there are no issues, continue to enjoy your added performance from the Injen performance Intake kit.
4. Injen Technology recommends you periodically check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.

1. Upon completion of the installation, reconnect the negative battery terminal before you start the engine.
2. Align the entire intake system for the best possible fit. Once the intake has been properly fitted continue to tighten all nuts, bolts and clamps.
3. Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.
4. Start the engine and listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that maybe causing leaks or rattles and correct the problem.
5. Check the filter for excessive dirt build up. Clean or replace the filter with an original Injen filter (can be bought on-line at "injenonline.com"). Congratulations! You have just completed the installation of the best intake system sold on the market. Enjoy the added power and performance of your new intake system.