Warning: Manufacturers attempting to duplicate Injen's patented process will face legal action.

MR Technology Step down process:

1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. Covered under Patent# 7,359,795

2- Calibration Device for Air Intake Tracts for Internal Combustion Engines. Published and patent pending

3- Calibration Method and Device for Air Intake Tracts having Air Fusion Inserts Published and patent pending

Part number SP1121
2006 BMW 330i E90
2007-11 BMW 328i E90, E92, E93
2008-11 BMW 128i E82, E88
3.0L, 6 cyl.

1- air intake system equipped with **MR Technology and Air Fusion**

1- 3 1/2" air filter	(#1021)
1- 3 1/4" x 3 1/2" step hose	(#3140)
1- Heat shield w/air defuser	(#11041)
1- 8 1/2" long foam vinyl trim	(#6058)
2- Power Bands .056/.412	(#4005)
2- M4 x 16mm button head	(#6072)
2- m6 flange nuts	(#6002)
1- 5mm vacuum cap	(#8004)
1- 6 page instruction	

Note: All parts and accessories now sold on-line at :

"injenonline.com"

Congratulations! You have just purchased the best engineered, dyno-proven cold air intake system available.

Please check the contents of this box immediately.

Report any defective or missing parts to the Authorized Injen Technology 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 the dealer you purchased this product from.

Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

*Do not attempt to install the intake system while the engine is hot. The installation may require removal of radiator fluid line that may be hot.

Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.

Injen Technology 244 Pioneer Place Pomona, CA 91768 USA

Please check the contents of this box immediately.

Note: This intake system was Dyno-tested with an Injen filter and Injen parts. The use of any other filter or part will void the warranty and CARB exemption number.

Parts and accessories are available on line at "Injenonline.com"

Note: The installation of this air intake does require mechanical skills. Removal of the front bumper requires loosening and removing several plastic plugs and screws that may be difficult. In addition to removing the bumper, you may also have to remove the air resonator box, battery and tray when beginning this installation. **Injen strongly recommends that this system be installed by a professional mechanic.**

MR Technology, "The World's First Tuned air Intake System!"

Factory safe air/fuel ratio's for Optimum performance Patent# 7,359,795

Now equipped with "Air Fusion" Patent pending

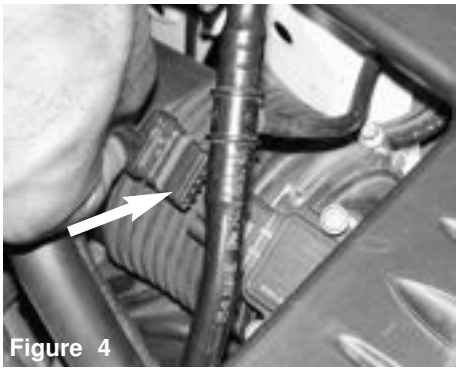
Another great invention by Injen Technology

"Why settle for cheap imitations when you can have the original"

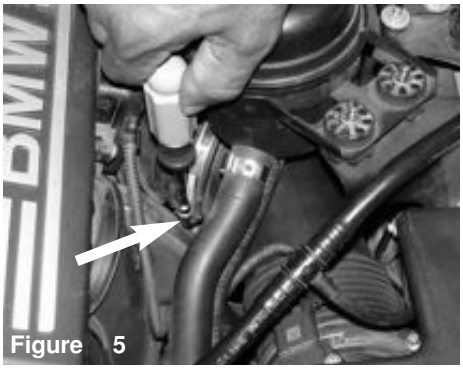
Figure 1

Figure 2

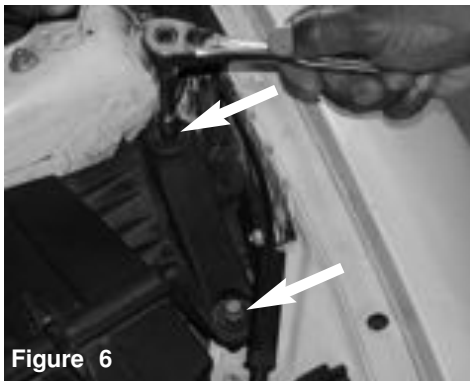
Stock box shown in this picture



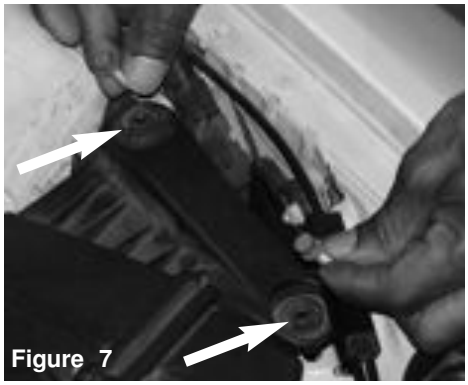
The electrical sensor harness is disconnected.



The hose clamp on the air intake duct connected air box cleaner is loosened.

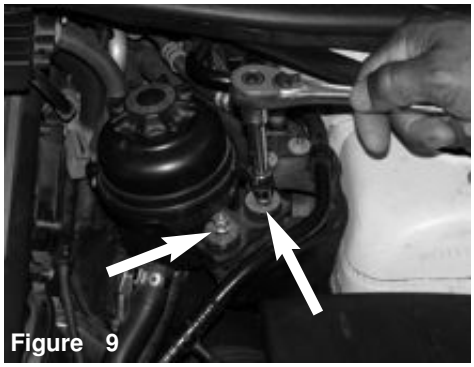


The two 10mm bolts are loosened and removed from the air box bracket.



The 10mm bolts are now removed

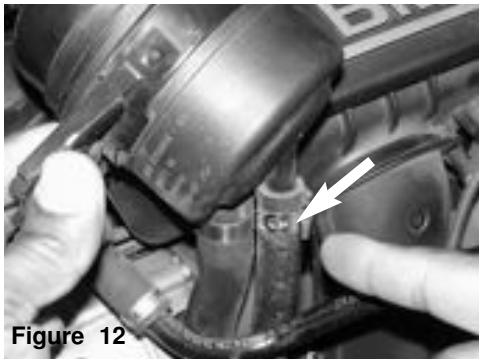
Once both screws have been removed, continue to pull the air box cleaner from the engine compartment.



Loosen and remove the two 10mm nuts on the power steering reservoir vibration bracket.

The 10mm nuts and washers are removed from the bracket.

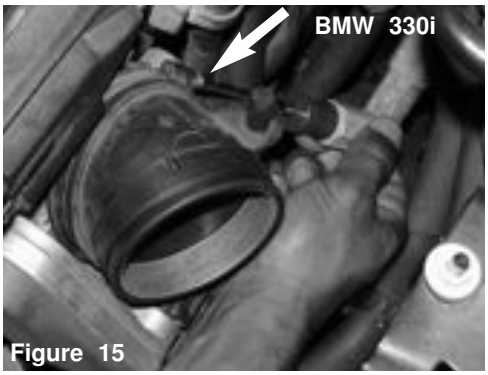
Without disconnecting the two lines, remove the reservoir bottle from the two studs.



Note: This clamp will not be removed. The clamp will be rotated so that it will not interfere with the air intake.

Using a pair of pliers, rotate the clamp quarter turn to the right or counter clockwise. This will prevent any damage to the intake system.

The clamp is now in the correct position, facing to the side. This will prevent any damage to the intake.

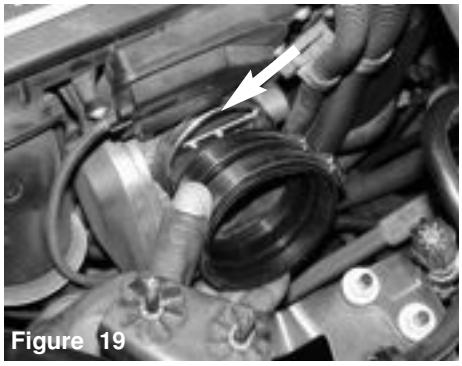


Loosen the throttle body inlet clamp as shown above. The inlet elbow shown above is remove from the 2006 330i

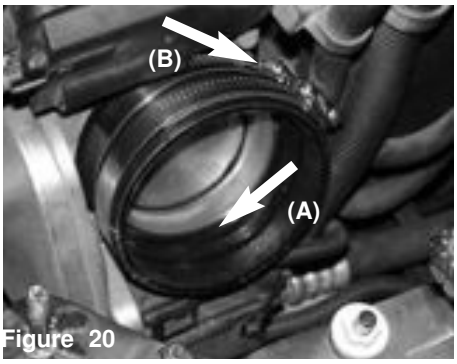
On the 2008-09 128i and 2007-09 328i the vacuum hose is removed prior to loosening the clamp over the throttle body.

Once you have loosened the clamp, continue to pull the plastic elbow from the throttle body.

The throttle body is now ready for the step hose.



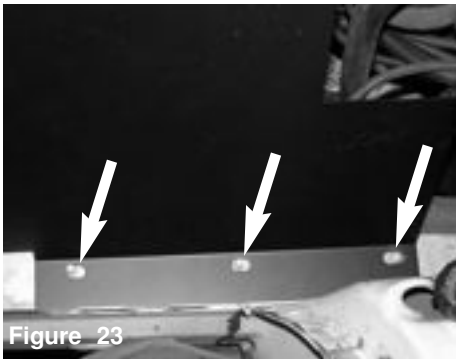
With the power- bands on the step hose, aligned the the step hose over the throttle body.



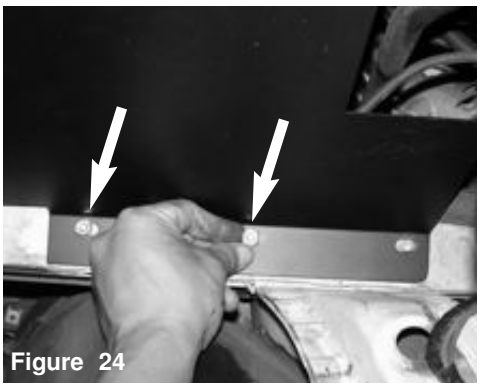
The throttle body top will butt up against the step hose inner velocity stack stops (A). Once the hose is flush over the throttle body, continue to tightened the clamp over the throttle body (B).

The rubber vibration mount is removed from the car frame as shown above. The new heatshield will be placed over the studs.

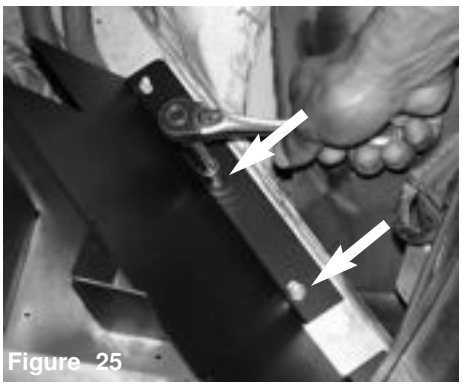
The heat shield is now lowered into the engine compartment.



The heat shield holes are lowered over the three studs on the car frame.



The supplied flange nuts are placed over over the studs. The m6 flange nuts are used to fasten the heat-shield over the frame.



A 10mm socket is used to fasten the flange nuts over the heat shield.

For installation on the 2006 330i, press the supplied 5mm vacuum cap over the 5mm intake port. This intake port is not used on the 330i. **Note, there are some 330i that come equiped with the vacuum line.**

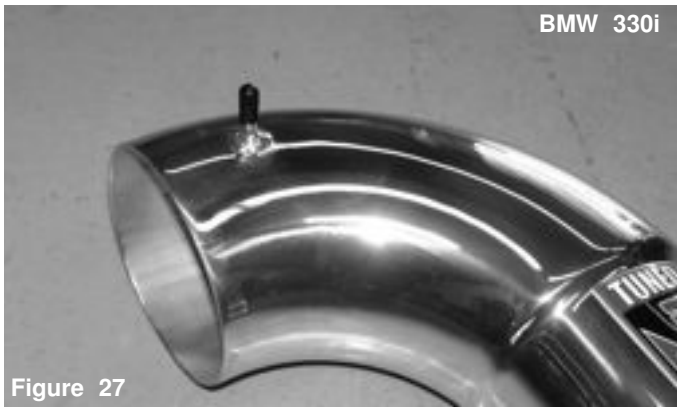


Figure 27

The vacuum cap is installed and is ready to be lowered into the engine compartment of the 330i. **Note:** There are some 330i that have the vacuum line.


Figure 28

The mass air flow sensor bolts are removed from the stock air box cleaner


Figure 29

Once the bolts have been removed, continue to pull the mass air flow sensor from the sensor housing.


Figure 30

A small amount of light oil is rubbed around the O-ring prior to inserting the sensor into the sensor adapter.


Figure 31

The m4 bolts in this kit are used to fasten the mass air flow sensor into the sensor adapter.


Figure 32

The mass air flow sensor is now installed. Do not over tighten the m4 bolts.


Figure 33

The air filter is aligned and pressed over the intake opening. The filter velocity stack will butt up against intake end.

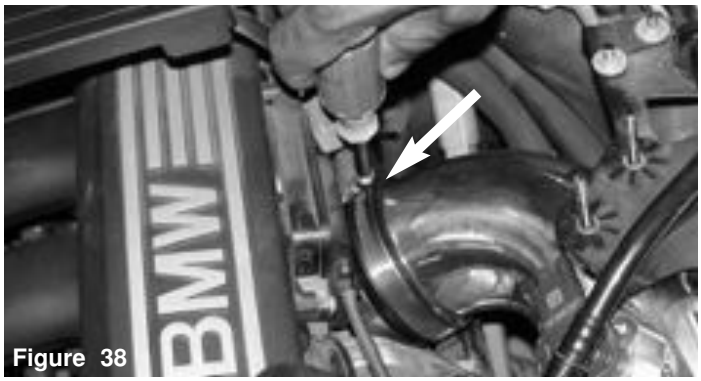

Figure 34

Once the filter velocity stack and intake end are butted together, continue to tighten the filter clamp on the filter.

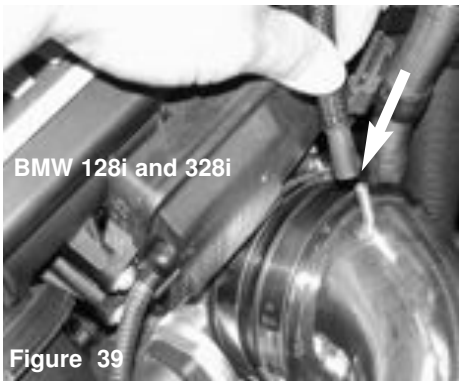
The assembled intake and filter is now lowered into the engine compartment.

The intake is aligned to the throttle body step hose. Once you have aligned the intake to the step hose, continue to insert the intake into the step hose.

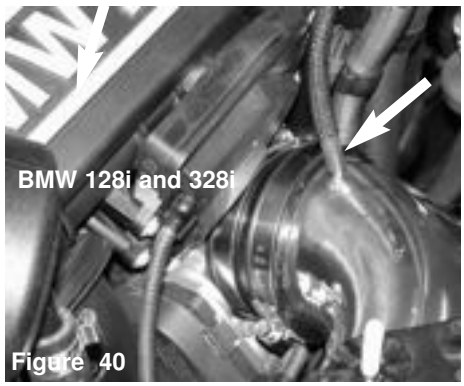
The intake is shown being pressed into the step hose.



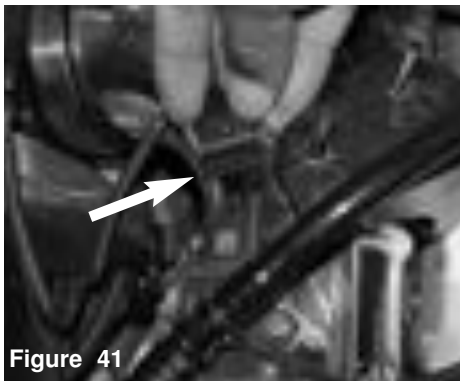
Once the intake is butted with the step hose velocity stack, continue to tighten the step hose clamp.



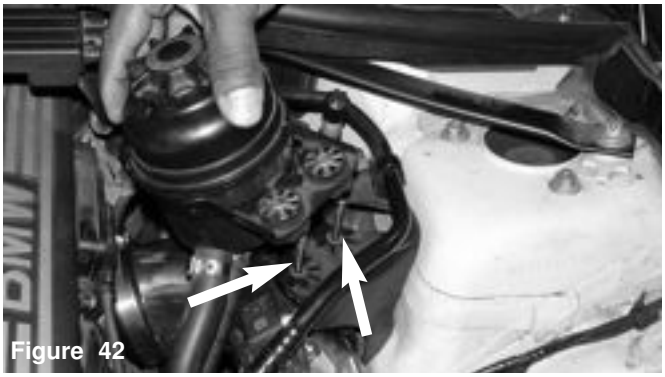
Installation on the 128i and the 328i: The vacuum hose is pressed over the 5mm intake vacuum port.



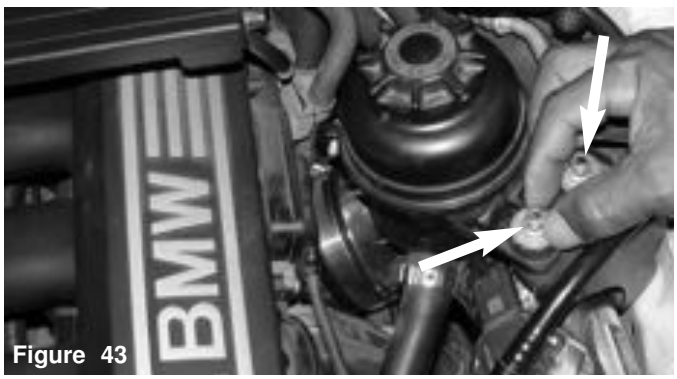
The vacuum hose is now installed on either the 128i or the 328i.



The electrical harness is now pressed over the mass air flow sensor. Press on the electrical harness until you hear the two snap together.



The power steering reservoir bottle is placed in the stock location. align and lower the reservoir bottle over the two 10mm studs.



The original 10mm flange nuts and washers are screwed on the 10mm studs as shown above.

Figure 44

A 10mm socket is used to tighten the 10mm flange nuts.

Figure 45

The power steering reservoir bottle is now installed. Check the clamps on the reservoir bottle hose to make sure there is no contact with the intake. Any contact between the clamp and the intake may cause damage to the intake.

Figure 46

The 8 1/2" vinyl trim is pressed over the edge of the heat shield.

Figure 47

The vinyl trim is now installed on the top end of the heat shield.

Figure 48

Align the entire intake for best possible fit. Once you have aligned and made sure that the length of the intake is free from any moving parts, continue to tighten all nuts, bolts and clamps.

Figure 49

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. Failure to check the alignment and adjust the intake can cause damage that will void the warranty.

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.