



Part number RD1110 (E46)

1999-00 BMW 323i 2.5L

1999-00 BMW 328i 2.8L

2001 BMW 325i 2.5L

6 cylinder

- 1- 2 piece Injen intake (CA)
- 1- **3.00" Small Injen filter (#1017)**
- 1- **Steel heat shield (#11019)**
- 1- 7 1/2" black vinyl trim (#6023)
- 1- 3" straight hose (#3044)
- 2- 3 1/8" straight hose (#3054)
- 6- Power-Bands (.362)(.048) (#4004)
- 1- 3" 8mm vacuum hose (#3091)
- 1- m6 vibra-mount (#6020)
- 3- m6 flange nut (#6002)
- 1- fender washer (#6010)
- 1- m5 x m20 bolt (#6024))
- 1- wire tie (#8001)
- 1- instruction



Figure 1

Now available, Hydro Shield by Injen
Part Number X-1035



Hydro Shield Sold Separately



Hard plastic connector remains on the throttle body. >>>>

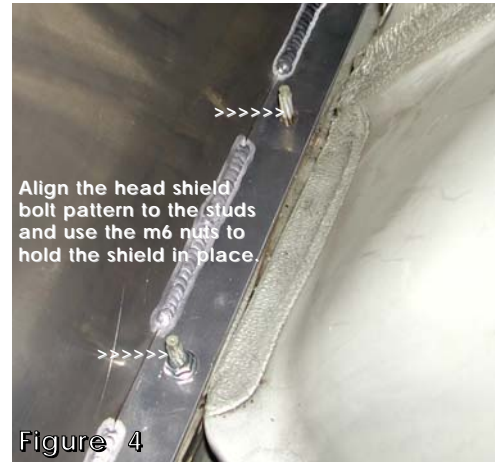
Remove the stock air intake box and duct that leads to the throttle body. >>>>

Figure 2



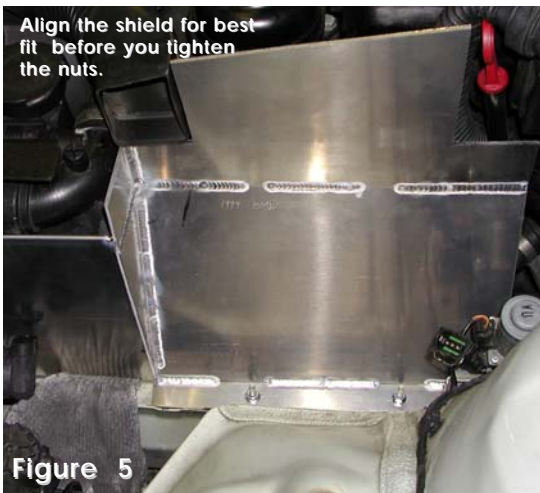
Remove the rubber cover in order to expose the two studs. >>>>

Figure 3



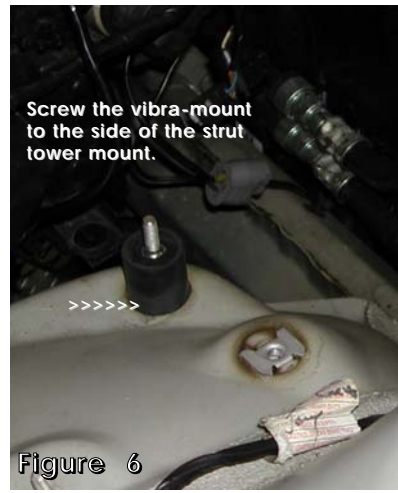
Align the head shield bolt pattern to the studs and use the m6 nuts to hold the shield in place. >>>>

Figure 4



Align the shield for best fit before you tighten the nuts.

Figure 5



Screw the vibra-mount to the side of the strut tower mount. >>>>

Figure 6



Press the 3/8" hose on the end of the sensor and use two clamps.

Note: This 3.00" hose could go on secondary as well.

Mass air flow sensor

Press the other 3/8" hose over the other end and use two clamps. >>>>

Figure 7



Press the 3" straight hose over the 3/8" side of the primary intake.

Press the 8mm stub over the 3/8 nipple to be used later on. <<<<

Figure 8



Press the primary intake over the throttle body hard plastic connector and semi-fasten the clamp. >>>>

Press the assembled mass sensor over the 3/8" end of the intake. >>>>

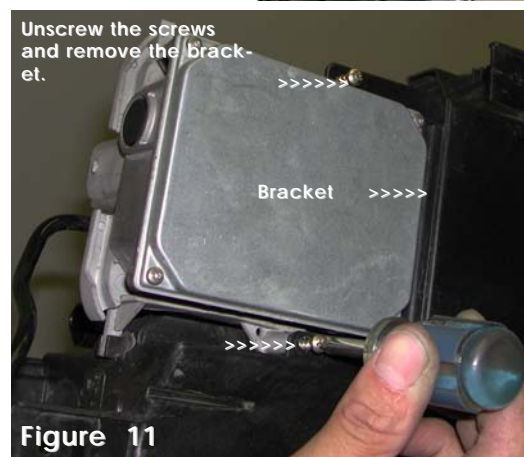
<<<< The hard vacuum line is pressed into the 8mm hose. >>>>

Figure 9



The head lamp cavity has a clip that needs to be removed when removing the head lamp. >>>>

Figure 10



Unscrew the screws and remove the bracket. >>>>

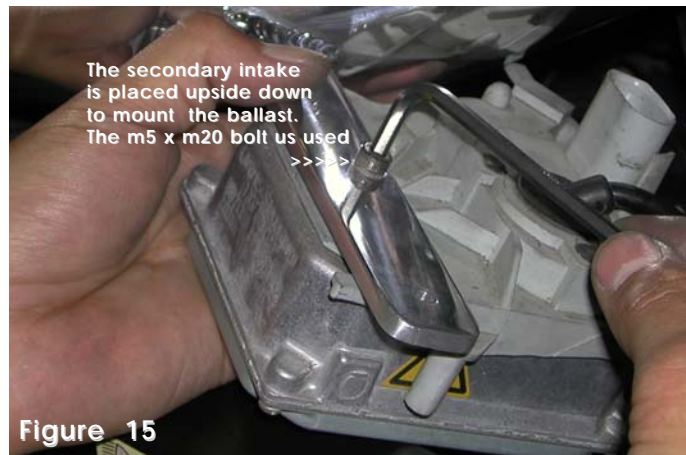
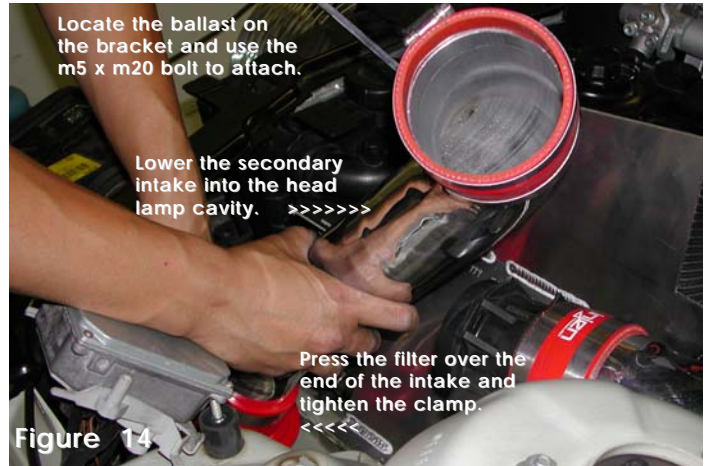
Bracket >>>>

Figure 11

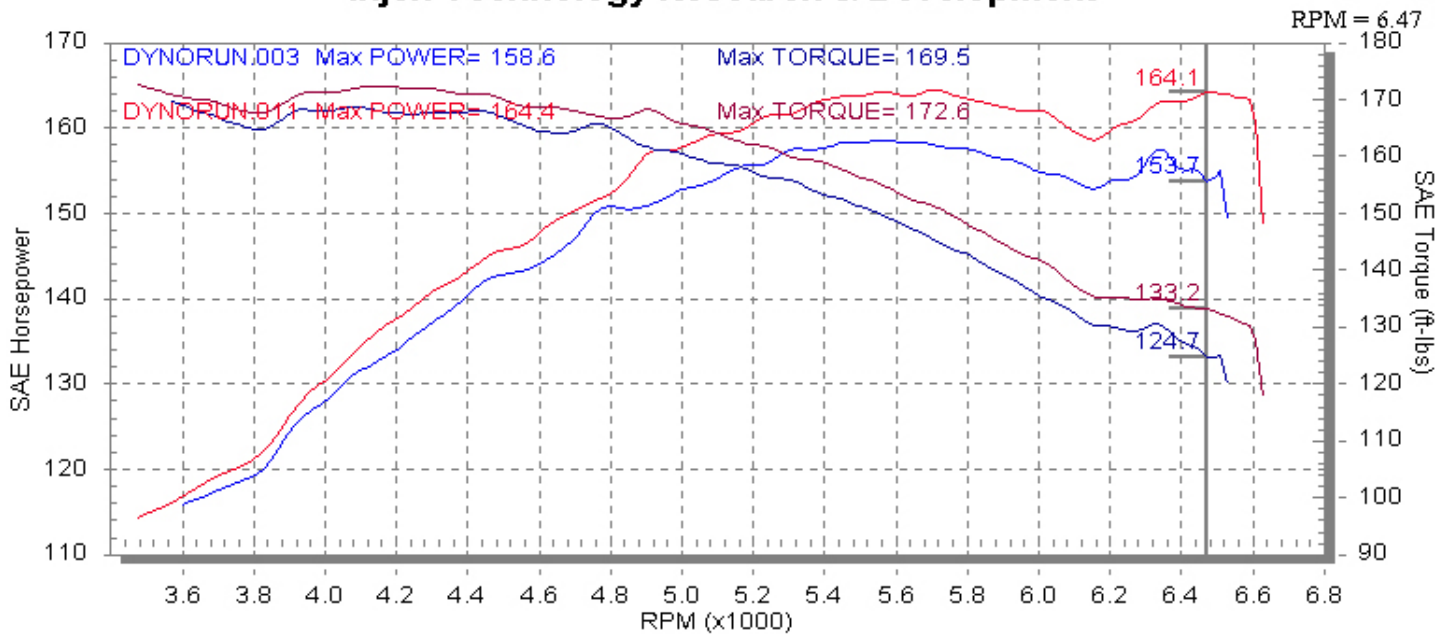


Unscrew the stock bolt. You will be using the m5 bolt in kit to attach to the intake bracket. >>>>

Figure 12



Injen Technology Research & Development



DYNORUN.003 BASELINE
1999 BMW 328i 2.8L
STOCK
18" WHEEL PACKAGE
57,000 MILES
3RD GEAR TEST

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DYNORUN.011 RD1110 SMALL 3.00 FILTER
1999 BMW 328i 2.8L
INJEN COLD AIR INTAKE SYSTEM
18" WHEEL PACKAGE
57,000 MILES

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Note: Please disconnect the negative battery terminal before starting this installation.

1. Remove the stock intake box and intake duct leading to the throttle body. Unplug the vacuum hose from the intake duct and remove the mass air flow sensor from the air box. (See fig. 2)
2. Remove the straight rubber cover enclosing the two studs. (See fig. 3)
3. Take the heat shield and align the pre-drilled holes to the two studs use the two m6 nuts in this kit to secure the heat shield. (See figs. 4 and 5) Press the vinyl trim on the top edge of the shield.
4. Screw the vibra-mount into one of the tapped holes located on the strut tower mount. (See fig. 6)
5. Take the mass air flow sensor, four clamps and two 3 1/8" straight hose and assembled them as follows. Press the 3 1/8" straight hose over each end of the mass air sensor put slip two clamps on each side of the hose and tighten the clamp on the mass air sensor at this time. (See fig. 7) You can also slip one of the 3 1/8" hose over the swaged end of the secondary intake. The installation may be easier to some people.
6. Take the primary intake and 3.00" straight hose and press the hose over the 3.00" end of the intake slip two clamps on the hose and tighten the clamp on the intake at this point. (See fig. 8)
7. Press the 3.00" hose on the primary intake over the throttle body. Align the intake and semi-tighten the clamp on the throttle body side. (See fig. 9) Press the 3"-8mm hose over the 3/8" nipple on the intake. Press the hard vacuum hose by the firewall into the 8mm hose placed on the 3/8" nipple. (See fig. 9)
8. Press the assembled mass air flow sensor with the 3 1/8" hose over the primary intake. Align mass air sensor and semi-tighten the second clamp on the primary intake. (See fig. 9)
9. Remove the driver side head lamp and detach the clip joining the front head lamp frame to the side fender. (See fig. 10)
10. Unscrew the bolt holding the light ballast to the head lamp. (See fig. 11) Remove the stock m5 bolt on the ballast and use the m5 x m20 bolt in this kit to attach the ballast to the bracket on the secondary intake. (See figs. 12 and 13) Follow the next step to attach the ballast.
11. Take the secondary intake and filter, press the filter over the 3" end of the secondary intake and fasten the clamp on the filter tight. Gently slip the filter end into the head lamp cavity and attach the lamp ballast to the bracket on the intake use the m5 x m20 bolt. (See figs. 14 and 15)
12. Press the secondary intake with the ballast into the 3 1/8" hose on the mass air sensor. Align the bracket on the intake to the vibra-mount stud and use the m6 nut and fender washer to secure the entire assembly. (See fig. 16)
13. Align the entire cold air intake for best fit. when proper clearance has been made continue to tighten all nuts, bolts and clamps. (See fig. 1)
14. Replace the front head lamp to its stock location, connect the harness clip to the mass air flow sensor and reconnect the negative battery terminal
15. Remove all tools and rags from the engine compartment prior to starting the engine.
16. Congratulations! You have just completed the installation.