



Part number IS1820
1991-98 Mitsubishi 3000GT
All V6 Non-Turbo

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|-----------------------------------|-----------------|
| 1- Short ram intake | (SR) |
| 1- 4 1/2" injen filter | (#1018) |
| 1- 4 1/2" composite Flange | (#14031) |
| 1- Z-bracket | (#20042) |
| 1- 2 3/4" 90 deg. elbow | (#3095) |
| 2- Power-Bands (.040)(.312) | (#4003) |
| 1- M6 flange nut | (#6002) |
| 4- m6 x m25 hex bolts | (#6006) |
| 1- Fender washer | (#6010) |
| 1- M6 Vibra-mount | (#6020) |
| 1- 3 Page instruction | |





Figure 2

Place the clamps over the bead ends of the 90 degree elbows. Press the elbow over the throttle body port and semi-tighten the clamp on the throttle body at this time.



Figure 3

Take the 4 1/2" composite adapter and three m6 x m25 bolts and attach it to the end of the assembled stock air intake duct and mass air flow sensor. Use only the three bolts at this time and tighten bolts to the adapter.



Figure 4

Place the Injen filter over the end of the composite adapter and tighten the clamp on the filter neck at this time.



Figure 5

Take the vibra-mount and screw it into the pre-tapped bracket which holds the fuse box in place.



Figure 6

Insert the smaller end of the intake into the 90 degree elbow on the throttle body and semi-tighten the clamp(A). Press the stock vacuum line over the end of the 3/8" port on the intake(B).



Figure 7

Take the assembled filter and mass air flow sensor and press the stock air duct side over the 3" end of the primary intake. Semi-tighten the stock clamp on the stock air duct to the intake.

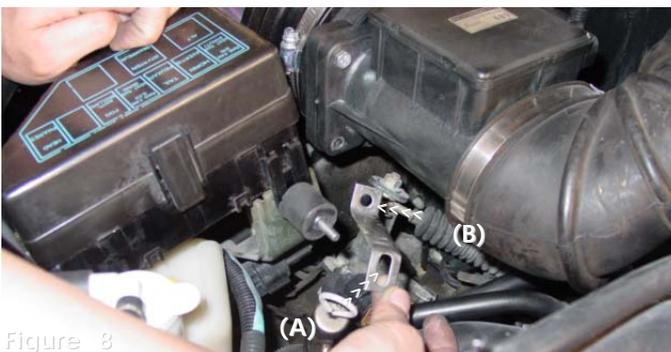


Figure 8

Position the Z-bracket so that the slotted end is facing the vibra-mount stud (A) and the round hole is aligned to the mass air flow sensor hole (B).

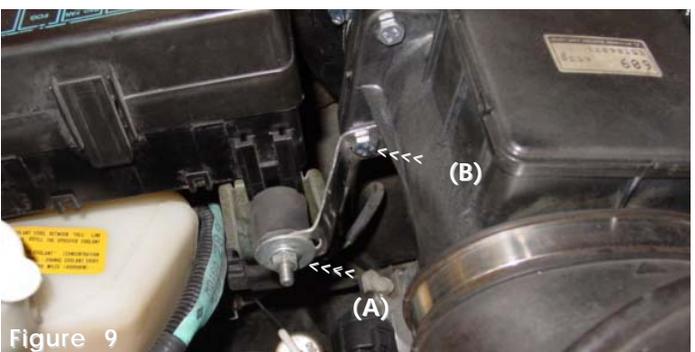


Figure 9

Once the Z-bracket is properly positioned take the m6 flange nut and fender washer and screw it onto the vibra-mount stud (A). Take the m6 x m25 bolt and screw it into the back side of the mass air flow sensor(B).



Figure 10

Take the harness clip and snap it onto the mass air flow sensor until you hear a quick snap.



Figure 11

Check the vacuum line and clamps for any possible leaks. Once the intake has been properly adjusted continue to tighten all nuts, bolts and clamps.

Note: Disconnect the negative battery terminal before starting this installation.

1. Remove the stock air intake box and air intake ducting leading to the throttle body. Disconnect the mass air flow sensor from the stock air intake box and keep the rubber ducting attached to the mass air flow sensor.
2. Press the silicone 90 degree elbow over the throttle body and use two clamps, semi-tighten the clamp on the throttle body at this time. (See fig. 2)
3. Take the mass air flow sensor and air intake ducting still intact and attach the composite adapter to the mass air flow sensor, use three of the m6 x m25 hex bolts in this kit. (See fig. 3)
4. Press the 4 1/2" filter over the end of the composite adapter and fasten the clamp on the filter neck. (See fig. 4)
5. Remove the stock m6 bolt holding the fuse box to the bracket and screw the m6 vibra-mount in its place. (See fig. 5)
6. Take the primary intake tube and insert the smaller end into the 90 degree elbow on the throttle body. Position the port on the intake towards the stock vacuum line and press the vacuum line over the 3/8" port on the intake. (See fig. 6)
7. Take the assembled mass air flow sensor, filter and adapter and press the stock air duct side over the end of the primary intake, semi-tighten the stock clamp. (See fig. 7)
8. Locate the Z-bracket in this kit and position the bracket so that the slotted end lines up to the vibra-mount stud and the round hole lines up to the last bolt pattern on the mass air flow sensor. Take the remaining m6 x m25 bolt and fasten the Z-bracket to the air flow sensor. Locate the remaining m6 flange nut and fender washer and attach the slotted end to the vibra-mount stud. (See figs. 8 and 9)
9. Connect the stock harness clip to the mass air flow sensor until you hear a quick snap. Make sure you have a good connection on the harness clip and sensor. (See fig. 10)
10. Align the entire intake for best possible fit. Once proper clearance has been made through out the length of the intake continue to tighten all nuts, bolts, and clamps. (See figs. 1 and 11)
11. Remove all tools and rags from the engine compartment and reconnect the negative battery terminal before starting the engine.
12. Start the engine and keep it running for about 10 to 15 minutes to ensure that you have no "Check Engine Light". If no check engine light appears continue to take you car for a test ride.
13. Congratulations! You have just completed the installation.