

## Kit Number 57-0615

Mazda 6, 1.8L 2002-2009/ 2.0L 2002-2009 / 2.3L 2002 -2007 / 2.5L 2008-2010

Instruction sheet A2054-666C

1. Disconnect the negative terminal from the vehicle battery.
2. Remove the plastic engine cover. (Fig. 1)
3. Remove the engine breather hose from the original intake hose. (Fig. 2)
4. Remove the solenoid valve from the side of the rubber intake hose. (Fig. 3)
5. **(2.3L models only)** Disconnect the green electrical harness plug from the vacuum solenoid located at the side of the air box assembly. (Fig. 4)
6. **(2.3L models only)** Remove the vacuum hose from the front of the air box as shown. (Fig. 5)
7. Unclip & remove the rubber intake hose from between the air box lid & throttle housing. (Fig. 6)
8. Unclip & remove the electrical harness plug from the MAS (Mass Air Sensor). Carefully lift the complete air box assembly out of its mounting rubbers & carefully remove the air box assembly from the vehicle (Fig. 7)
9. **(2.3L models only)** Follow the vacuum hose from instruction #5 & remove the hose from the inlet manifold. (Fig. 8)
10. **(2.3L models only)** Remove the vacuum elbow hose from the one-way valve as shown. (Fig. 9)
11. **(2.3L models only)** Insert the M5 pan head screw into the end of the vacuum elbow hose. (Fig.10)
12. **(2.3L models only)** Refit the vacuum elbow hose to the tube on the inlet manifold. (Fig.11)
13. Carefully unscrew & remove the MAS from the air box assembly. (Fig.12)
14. Stick the foam gasket to the hole in the new intake tube, fit the NPT breather elbow into the intake tube, fit the silicone sleeve onto the intake tube using a hose clamp supplied. (Fig. 13)
15. Fit the MAS into the new intake pipe using the 2 spacers and Allan screws, fit the rubber filter adaptor onto the new intake tube. (Fig. 14&15)
16. Fit the filter onto the filter adaptor and secure it using the hose clamp supplied. (Fig. 16)
17. Mount the new intake pipe assembly to the throttle housing using a hose clamp supplied. (Fig. 17)
18. Fit the new silicone breather hose to the original breather pipe and the intake tube. (Fig.18)
19. Reconnect the electrical harness plug to the MAS. (Fig.19)
20. Secure any excess harnesses with the plastic ties supplied. (Fig.20)
21. Secure the solenoid valve using a plastic tie supplied. (Fig.21)
22. Taking all the necessary safety precautions as per manufacturers instructions raise the front of the vehicle. Secure the hose to the lower spoiler /under tray using the plastic ties supplied. Fig.22)
23. Position the other end of the hose to finish approx. 4" / 10cm from the filter & secure using a plastic tie supplied. (Fig.23)
24. Refit the plastic engine cover. (Fig.24)
25. Reconnect the negative battery terminal.
26. Carry out a final check of the height / alignment of the K&N induction system before starting the engine. Installation is now complete.

### Parts list:

- 1 x Filter Element.
- 1 x Rubber Filter Adaptor.
- 1 x Silicone Adaptor Hose.
- 1 x Plastic Molded Intake Pipe.
- 1 x Flexi Cold Air Hose.
- 1 x Literature Pack.

### Fixing Kit :-

- 1 x Clamp; 90/110mm Std.
- 2 x #44 Hose Clamp.
- 5 x Plastic Tie.
- 1 x Foam Gasket.
- 1 x Breather Hose.
- 2 x M4 Allen Screw.
- 1 x M5 Pan Head Screw.
- 1 x NPT Breather elbow
- 2 x Spacer

**WARNING:** Before starting the engine carry out a final fitment check of the K&N performance kit. It will be necessary for all intake systems to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void the warranty.

**FILTER MAINTENANCE:** K&N suggests checking the filter periodically for excessive dirt build-up. When the element becomes covered in dirt (or once a year), service it according to the instructions on the Recharger service kit available from your K&N dealer, part number 99-5003EU.

For the cleaning instructions please visit our website:  
[www.knfilters.com/cleaning](http://www.knfilters.com/cleaning)

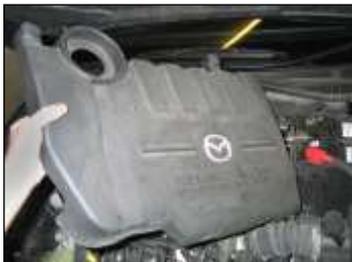


Fig. # 1



Fig. # 2



Fig. # 3



Fig. # 4



Fig. # 5



Fig. # 6



Fig. # 7



Fig. # 8



Fig. # 9



Fig. # 10



Fig. # 11



Fig. # 12



Fig. # 13



Fig. # 14



Fig. # 15



Fig. # 16



Fig. # 17



Fig. # 18



Fig. # 19



Fig. # 20

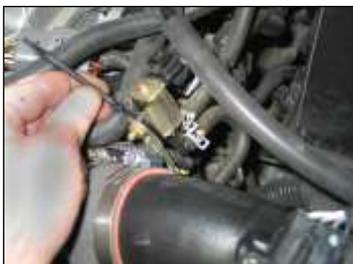


Fig. # 21



Fig. # 22



Fig. # 23



Fig. # 24