



Part Number 57-0434 INSTALLATION INSTRUCTIONS

Mazda MX5 1.8 16v 140bhp. Apr'98 – Jun'01

1. Unclip & remove the electrical harness plug from the MAS (Mass Air Sensor). (Fig. 1)
2. Carefully remove the air temp sensor from the side of the air box lid. (Fig. 2)
3. Unbolt the intake pipe from the inner wing & remove the pipe from the air box base. (Fig. 3)
4. Unclip & remove the intake hose from the MAS. (Fig. 4)
5. Remove the bolt / nut securing the air box assembly to the chassis leg (It may be necessary to move the washer fluid reservoir while fitting the kit). (Fig. 5)
6. Carefully remove the air box assembly from the vehicle. (Fig. 6)
7. Carefully lengthen the flexi cold air hose & feed the hose down to the under-tray. Secure the top of the hose to the original air box bracket using a plastic tie supplied. (Fig. 7)
8. Taking all necessary safety precautions as per manufacturers instructions raise the front of the vehicle. Unclip the flap on the under-tray & open fully forward.
9. Pierce / drill holes in the front lower spoiler & under-tray, secure the rubber scoop using the plastic ties supplied. Insert the flexi hose into the top of the scoop. (Fig. 8)
10. Remove the nut from the PAS (Power Assisted Steering) pipe-securing bracket. Fit the M8 flat washer supplied to the bracket stud, secure the new mounting bracket on top of the washer using the original nut. (Fig. 9)
11. Unbolt & carefully remove the MAS from the air box lid. (Fig.10)
12. Refit the MAS to the intake hose & fully tighten the original hose clip. (Fig.11&12)
13. Attach the MAS to the mounting bracket using an original bolt. (Fig.13)
14. Fit the rubber filter adaptor onto the end of the MAS. (Fig.14)
15. Fit the new Filtercharger onto the rubber filter adaptor & fully tighten the hose clip supplied (sensor hole @180deg). Ensure sufficient clearance between the Filtercharger & washer fluid reservoir. (Fig.15)
16. Reconnect the electrical harness plug to the MAS. (Fig.16)
17. Insert the air temp sensor into the hole in the base of the filtercharger. Secure any excess harness using a plastic tie supplied. (Fig.17)
18. 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 Filtercharger Element.
- 1 x Rubber Filter Adaptor
- 1 x Rubber Scoop.
- 1 x Flexi Cold Air Hose.
- 1 x Literature Pack.

1 x Fixing Kit :-

- 1 x M8 Flat Washer.
- 4 x Plastic Ties.
- 1 x Mounting Bracket.
- 1 x #64 Hose Clip.
- 1 x #48 Hose Clip.

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.

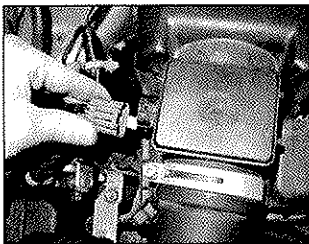


Fig. # 1

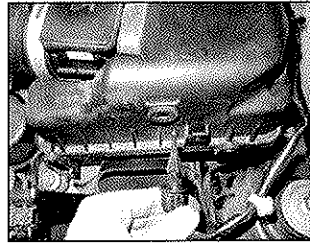


Fig. # 2

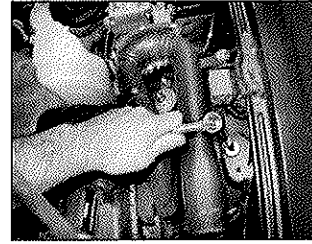


Fig. # 3

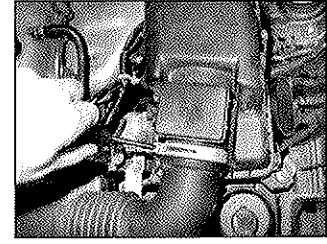


Fig. # 4

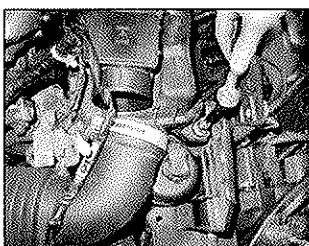


Fig. # 5

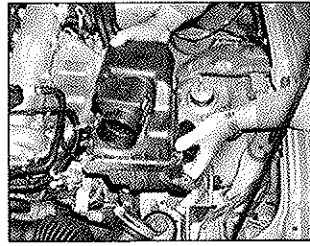


Fig. # 6

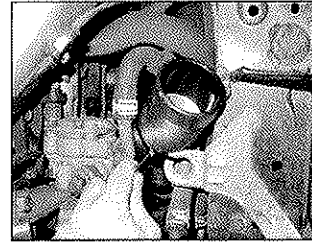


Fig. # 7

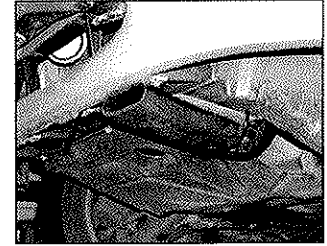


Fig. # 8



Fig. # 9

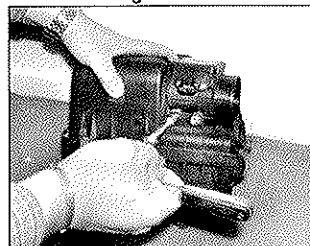


Fig. # 10

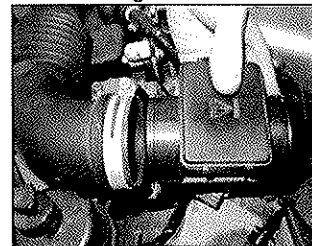


Fig. # 11

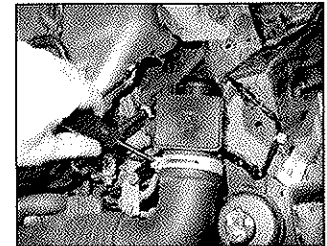


Fig. # 12



Part Number 57-0434

INSTALLATION INSTRUCTIONS

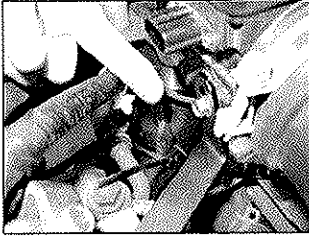


Fig. # 13

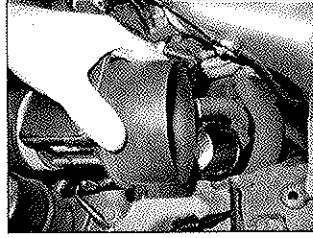


Fig. # 14

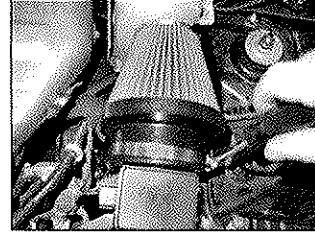


Fig. # 15

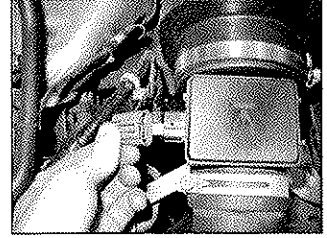


Fig. # 16

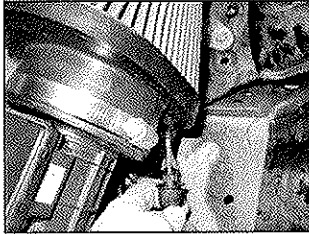


Fig # 17