

## Kit Number 57i-2503

### Ford Focus II ST 2.5L Turbo 221bhp Jan'06...

#### Instruction sheet A2054-752

1. Disconnect the negative terminal from the vehicle battery.
2. Unclip & remove the electrical harness plug from the MAS (Mass Air Sensor). (Fig. 1)
3. Unclip & remove the intake hose from the air box assembly. (Fig. 2)
4. Unclip the harness from the base of the air box assembly. (Fig. 3)
5. Unclip & remove the cover from the ECU. (Fig. 4)
6. If fitted remove the bolt securing the tamper proof cage to the ECU connectors & remove the cage from the vehicle. Unclip & remove the harness connectors from the side of the ECU. (Fig. 5)
7. Unclip & remove the plastic cover from the slam panel. (Fig. 6)
8. Unclip & remove the air box feed scoop from between the slam panel & air box assembly. (Fig.7)
9. Taking all the necessary safety precautions as per manufacturer's instructions raise the front of the vehicle.
10. Unbolt & remove the under trays from the vehicle as shown. (Fig. 8)
11. Remove the bolts securing the left hand side of the radiator cradle as shown. (Fig. 9)
12. Slacken the bolts (do not fully remove) securing the right hand side of the radiator cradle as shown. Allow the radiator assembly to drop slightly to give the necessary clearance for the air box assembly removal. (Fig.10)
13. Carefully pull the air box assembly from its securing mounts & remove the complete air box assembly from the vehicle. (Fig.11)
14. Refit the radiator cradle bolts & tighten all the bolts.
15. Carefully unscrew & remove the MAS from the air box assembly as shown. (Fig.12)
16. Carefully unscrew & remove the ECU from the air box assembly as shown. (Fig.13)
17. Stick the supplied foam gaskets to the new intake pipe as shown. (Fig.14&15)
18. Secure the MAS & ECU to the new intake pipe using the original screws. (Fig.16&17)
19. Screw the studded rubber mount to the threaded M6 hole located on the engine mount frame. (Fig.18)
20. Secure the large 'L' bracket to the studded mount using a nylock nut & small flat washer supplied. (Fig.19)
21. Secure the small 'L' bracket to the original air box mounting point located on side of the engine using a long bolt, two large washers, small flat washer & nylock nut supplied as shown. (Ensure the large flat washers a placed either side of the mount). (Fig.20)
22. Carefully fit the new intake assembly to the vehicle as shown, the end of the intake pipe should fit in the inner arch area just behind the bumper. (Fig.21)
23. Refit the end of the MAS to the original intake hose & secure using the original hose clamp. (Fig.22)
24. Secure the small 'L' bracket to the threaded hole on the side of the new air intake assembly using a small M6 bolt & flat washer supplied. (Fig.23)
25. Secure the large 'L' bracket to the threaded hole located on the intake pipe using a small M6 bolt & flat washer supplied. (Fig.24)
26. From underneath the vehicle fit the rubber filter adaptor to the intake pipe as shown. (Fig.25)
27. Slide the new air filter onto the rubber filter adaptor & secure using the hose clamp supplied. (Fig.26&27)
28. Ensure sufficient clearances between the air filter assembly & the body etc by utilizing the slotted holes on the mounting brackets.
29. Reconnect the electrical harness plug to the MAS. Secure any excess harness with a plastic tie supplied. (Fig.28)
30. Reconnect the harness plugs to the ECU. (Fig.29)
31. Refit the under trays & slam panel cover to the vehicle.
32. Reconnect the negative battery terminal.
33. Carry out a final check of the height / alignment of the K&N induction system before starting the engine. Installation is now complete. (Fig.30)

#### Parts list:

- 1 x Air filter Element.
- 1 x Plastic Intake Tube.
- 1 x Rubber Filter Adaptor.
- 1 x Literature Pack.

#### Fixing Kit :-

- 2 x M6x12 Hex Head Bolt.
- 1 x M6x40 Hex Head Bolt.
- 2 x Large Flat Washer.
- 4 x Small Flat Washer.
- 2 x M6 Nylock Nut.
- 1 x Studded Mount.
- 2 x Plastic Tie.
- 1 x 90/110mm Hose Clamp.
- 1 x Round Foam Gasket.
- 1 x Square Foam Gasket.
- 2 x 'L' Mounting Bracket.

**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 99-5000 or 99-5050.



Fig. # 1



Fig. # 2



Fig. # 3



Fig. # 4



Fig. # 5



Fig. # 6



Fig. # 7



Fig. # 8



Fig. # 9

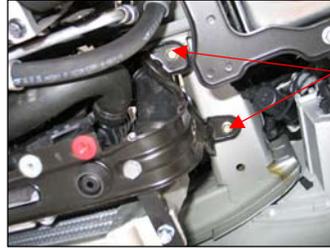


Fig. # 10



Fig. # 11



Fig. # 12



Fig. # 13

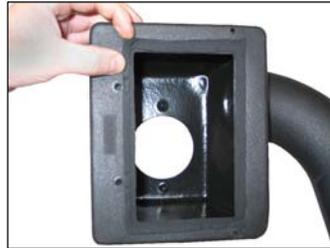


Fig. # 14



Fig. # 15



Fig. # 16



Fig. # 17



Fig. # 18



Fig. # 19



Fig. # 20



Fig. # 21



Fig. # 22



Fig. # 23



Fig. # 24



Fig. # 25



Fig. # 26



Fig. # 27



Fig. # 28



Fig. # 29



Fig. # 30