

## INSTALLATION INSTRUCTIONS

### 57i-2502

#### Ford Focus RS

2.0L 16v Turbo 213Bhp

Oct. '02...

#### Parts list:

1 x Filtercharger Element.  
1 x Rubber Filter Adaptor  
1 x Aluminum Adaptor Tube.  
1 x Heat Shield.  
1 x Drycharger.  
1 x Literature Pack.

#### 1 x Fixing Kit :-

1 x Hose Clamp #64.  
1 x Hose Clamp #60  
1 x 'U' Mounting Bracket.  
1 x 'L' Mounting Bracket.  
1 x 'Flat' Mounting Bracket.  
1 x Saddle Bracket.  
1 x Cable Tie.  
3 x M6 Flat Metal Washer.  
3 x M6 Nylock Nut.  
1 x C'sunk Bolt.  
2 x M6 Hex Head Bolt.  
1 x Conical Nylon Washer.  
2 x M4 Allen Head Bolt.  
1 x Edge Trim.

**\*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 warranty.

#### TO START:

1. Turn the ignition OFF and disconnect the vehicle's negative battery cable.
2. Taking the necessary safety precautions as per manufacturers instructions raise the front of the vehicle.



3. Unscrew & remove the APC (Air Pressure Control) valve from the side of the air box assembly



4. Remove the 4 bolts securing the air box assembly to the vehicle (You may wish to remove the battery / battery tray to gain access to the upper bolts).



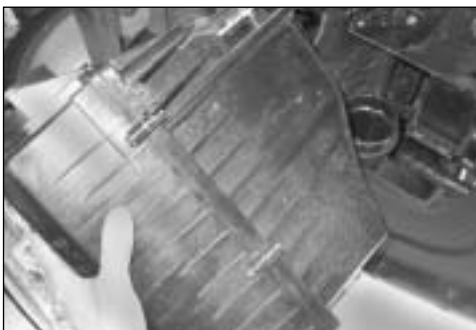
5. Remove the intake pick up pipe from the side of the box assembly.
6. Carefully maneuver the air box assembly down slightly to give improved access to the intake hose securing clip & MAS (Mass Air Sensor) electrical harness plug.



7. Disconnect the harness plug from the MAS.



8. Unclip & remove the intake hose from the air box assembly & carefully remove the assembly from the vehicle.



9. Secure the APC valve / harness to the intake hose using a plastic tie supplied.



10. Remove the upper bolt from the original air box support frame.



11. Assemble the saddle bracket & 'U' mounting bracket using the countersunk bolt, conical washer, flat washer & nylock nut supplied.



12. Fit the mounting bracket assembly to the original air box support frame & secure using the original bolt as shown.



13. Fit the 'L' bracket supplied to the stud located on the original air box support frame & secure using the original nut previously removed as shown.

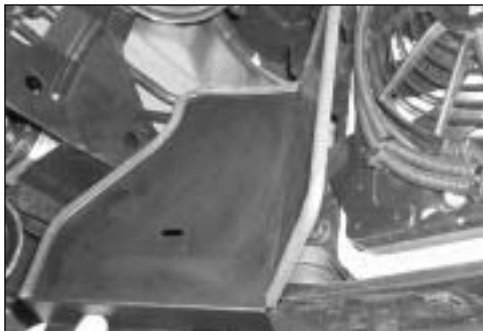


14. Remove the bolt securing the bottom of the original air box support frame. Slide the 'Flat' bracket supplied between the support frame & lower support. Secure the bracket using the original bolt.





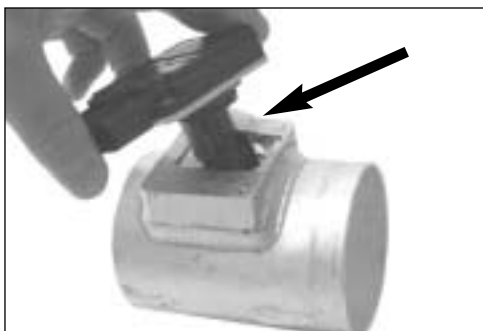
15. Fit the edge trim to the heat shield as shown. Remove any excess trim if necessary



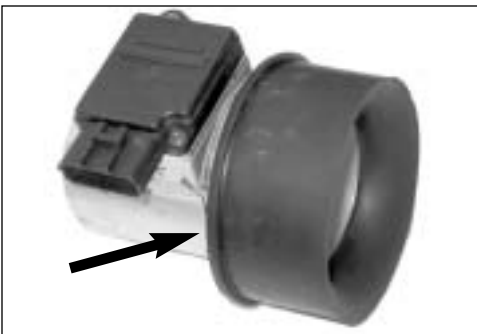
16. Attach the heat shield supplied to the 'L' & 'Flat' brackets. Secure the shield in place using the bolts, washers & nylock nuts supplied.



17. Unscrew & carefully remove the MAS from the air box assembly.



18. Insert MAS into the aluminium adaptor tube supplied & secure using the M4 bolts supplied.



19. Fit the rubber filter adaptor onto the end of the MAS adaptor tube as shown.



20. Remove the original hose clip and place the #60 hose clamp supplied around both the saddle bracket & original intake hose.



21. Fit the new MAS adaptor assembly to the original intake hose & tighten the hose clamp around the saddle bracket/original intake hose.



22. Reconnect the electrical harness plug from the MAS (Mass Air Sensor).



23. Fit the drycharger over the new filtercharger supplied as shown.



24. Slide the new filtercharger onto the rubber filter adaptor & tighten the #64 hose clip supplied.

25. Reconnect the negative terminal to the vehicle battery.

26. Carry out a final check of the alignment / fitment of the K&N induction system, ensuring that all clips etc are tight before starting the engine. Installation is now complete.

27. It will be necessary for all 57i kits to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void warranty.

#### ROAD TESTING:

1. Start the engine with the transmission in neutral or park, and the parking brake engaged. Listen for air leaks or odd noises. For air leaks secure hoses and connections. For odd noises, find cause and repair before proceeding. This kit will function identically to the factory system except for being louder and much more responsive.

2. Test drive the vehicle. Listen for odd noises or rattles and fix as necessary.

3. If road test is fine, you can now enjoy the added power and performance from your kit.

4. K&N suggests checking the Filtercharger element 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, part number 99-5000 or 99-5050, which can be purchased at your local K&N stockist'.