



FILTER CHARGER[®]

INJECTION PERFORMANCE KIT

INSTALLATION INSTRUCTIONS

57-0305

FORD COUGAR 2.5 V6 OCT 1998 ON...



This Kit Should Contain:

- 1 x Clamp On Filter.
- 1 x Adaptor Plate.
- 1 x Rubber Cold Air Scoop.
- 1 x Cold Air Hose Assembly.
- 1 x Instruction Sheet.
- 1 x Instruction Pack :-
 - 1 x Filter Maintenance Sheet.
 - 1 x Leaflet.
 - 1 x K&N Window Sticker.
 - 1 x Million Mile Warranty.

1 x Fixing Kit:

- 1 x Bracket.
- 1 x Gasket.
- 1 x Rubber Bobbin.
- 1 x #60 Hose Clip.
- 3 x M6 x 20 mm Bolts.
- 1 x M6 x 25 mm Bolt.
- 6 x M6 Nylock Nuts.
- 6 x Flat Washers.
- 3 x Long Plastic Ties.

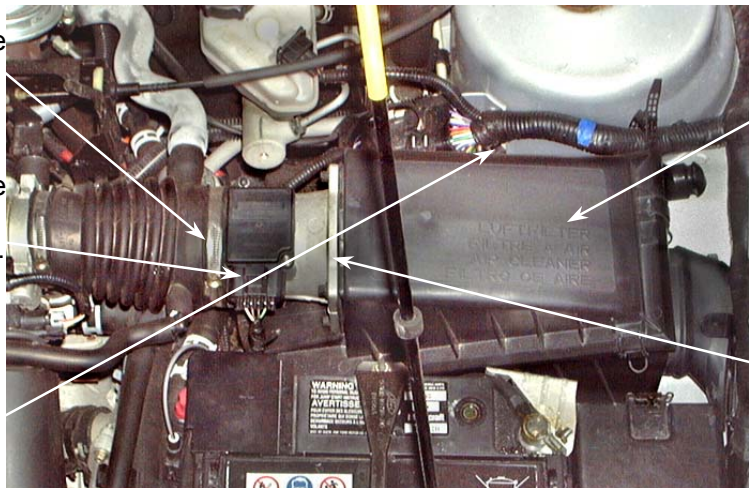
Your car and the engine bay should look like the ones in these pictures, if not then talk to your kit supplier. Should you still have a problem, call K&N customer services. Tel: 01925-629609. Fax: 01925-629610.

FITTING YOUR 57i KIT

When fitting the kit it is **essential** that you **carefully follow these particular instructions**. Kits fitted incorrectly may show a loss in performance, e.g. the positioning of the essential cold air hose, (flexi expandable and rubber hoses are used).

Photo A

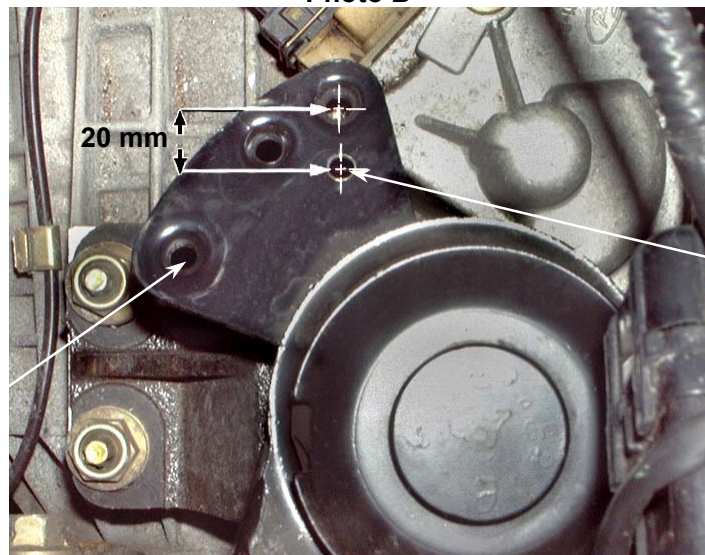
1. Unclip and remove the intake hose from the MAS (Mass Air Sensor).
2. Unclip and remove the electrical harness connector from the MAS.
3. Remove the air temp sensor from the side of the air box lid by twisting through 90 degrees and pulling it out.



4. Lift the complete air box assembly out of its rubber mountings and remove it from the vehicle.
5. Remove the 4 bolts from the MAS then separate from the air box lid.

Photo B

1. Remove the 2 bolts from the air box mounting bracket and then remove the bracket from the vehicle
2. Remove the 2 rubber bobbins from the chassis mounted bracket.



3. Drill an M6 clearance hole (6.5 – 7 mm) in the chassis mounted bracket as shown.

1. Mount the rubber bobbin supplied to the drilled hole on the chassis mounted bracket using the nut and washers supplied.
2. Mount the new bracket onto the rubber bobbin using the nut and washers supplied.
3. Fit the new adaptor tube to the MAS using the gasket, 3 bolts, nuts and washers supplied.

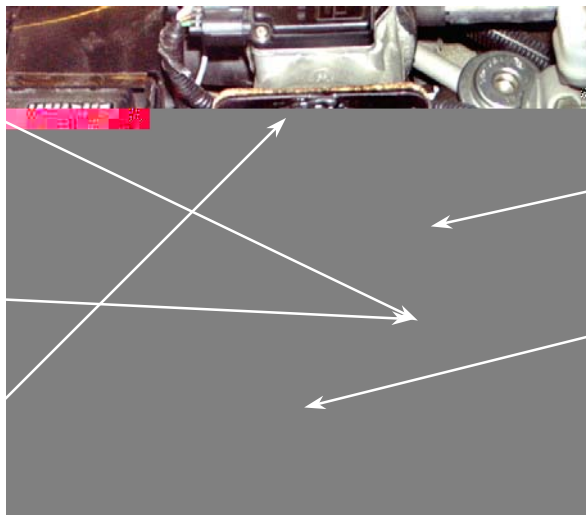


Photo C

4. Refit the MAS assembly onto the intake hose and secure the original hose clip.
5. Attach the MAS to the mounting bracket using the long bolt, nut and washers supplied.
6. Carefully lengthen the flexi cold air hose and feed the hose down to the lower undertray. Secure the top of the hose to the battery tray using a long plastic tie supplied.

1. Insert the air temp sensor into the hole in the base of the filter. Fit the new filter onto the MAS. Do not push in beyond the step, as this will affect airflow. Tighten the clip until the filter just turns, Rotate the filter until the K&N logo is straight then tighten the clip one full turn (360 degrees) **no more, Do not overtighten the clip.**

2. Reconnect the electrical harness plug to the MAS.

Photo D



Taking all of the necessary safety precautions as per the manufacturers instructions, raise the front of the car. Pierce / drill two 3 mm holes in the under tray and secure the rubber scoop to it using a long plastic tie supplied. Insert the flexi cold air hose into the rubber scoop, secure the rear of the scoop / hose with a long plastic tie supplied

Tuning.

CAT. Cars. No adjustments are required.

An increase in fuel may be required if further engine modifications are to be carried out.

Filter maintenance.

Under normal conditions clean and re-oil the filter at approx. 40,000 miles / 65,000 Km.

Use only K&N cleaner and oil and follow the instructions carefully.

K&N filters are pre-oiled ready to fit.

The advantages of K&N's cold air intake system

Cooler air being denser will show positive improvements in power over filter systems that draw hot air from the engine bay.