



FILTER CHARGER[®] INJECTION PERFORMANCE KIT

INSTALLATION INSTRUCTIONS

57-0276

BMW 318i 1.9 16v 140Bhp April 1996–July 1999



This Kit Should Contain:

- 1 x Clamp On Filter.
- 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 :-

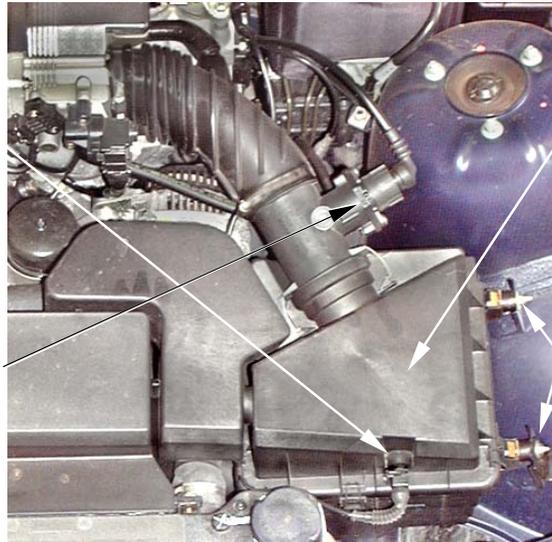
- 1 x Bracket.
- 1 x #44 Hose Clip.
- 1 x Flat Washer.
- 1 x M6 Nylock Nut.
- 1 x Spacer Tube.
- 5 x Long Plastic Ties.

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).

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.

Photo A



1. Unclip and remove the air temp sensor from the side of the air box lid.

2. Unclip and remove the MAS (Mass Air Sensor) from the air box lid.

3. Unclip and remove the air box lid from the air box base.

4. Remove the 2 nuts securing the air box base to the inner wing and remove from the car.

Photo B



Taking all of the necessary safety precautions as per the manufacturers instructions carefully raise the front of the car. Unclip and remove the under tray side trim. Once the trim has been removed, refit the 2 securing screws to the under tray / wheel arch liner. Pierce drill two 3 mm holes in the front lower spoiler trim and secure the new cold air scoop to it using a long plastic tie. Secure the rear of the scoop to the wheel arch liner.

Photo C



1. Remove the 2 nuts securing the PAS reservoir and air conditioning pipes to the chassis leg.

2. Remove the air conditioning pipe bracket from the studs. Remove the spacer tube from inside the rubber mounting and replace it with the sleeve supplied in the fixing kit.

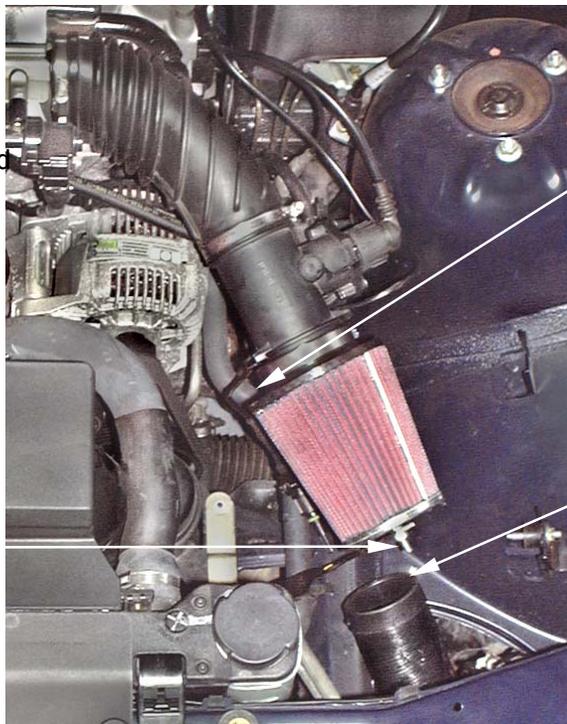
3. Refit the air conditioning bracket and rear-mounting nut. Fit the new bracket supplied to the front mounting and secure with the original nut.

4. Carefully lengthen the flexi cold air hose and feed it down between the gap (behind the headlamp) in the inner wing / chassis leg. Insert the flexi cold air scoop, secure the top of the hose using a plastic tie supplied.

Photo D

1. 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. Attach the bracket to the stud on the filter lid and secure with a nut and washers.



3. Insert the temp sensor into the hole in the base of the filter. Secure the harness away from the pulley belts.

4. Position the end of the flexi cold air hose to finish **10 cm / 4"** from the filter **no nearer.**

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.