



induction technology group ltd

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AB65KM2 Performance Air Box

Fitting Instruction: MGF 2001>

PARTS LIST:

<u>Qty</u>		<u>Description</u>
1	x	AB65C Carbon Fibre Air Box
1	x	Carbon Fibre Ring
6	x	M5 x 20 stainless button head set screws
1	x	Aluminium air box mounting bracket
3	x	M6 x 20 Hex head set screws (M6 x 16 Stainless Hex Head)
3	x	M6 Ny-lock Nuts (M6 Stainless Ny-lock Nuts)
6	x	M6 Penny washer (M6 Stainless Penny Washer)
1	x	JC60/67 Maxogen air filters
1	x	Silicon hose, 'S' shape 70mm ID
2	x	Air box to throttle body 60-80 hose clip
1	x	Cold air intake hose 0.5M long x 102mm ID
1	x	90 - 110 hose clip
1	x	JDR-1 Dust Retention Spray

TOOLS YOU WILL NEED

Slotted Screw driver
3mm Allen key
5mm Allen key
10mm open ended spanner



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REMOVAL

You will first need to remove the parcel tray cover from out the car and then release the five catches that hold the rear tonneau cover in place. Lift the rear of the cover up so that you are able to secure it in such a way that you can gain access to the engine. Remove the heavy sound deadening matting by freeing away the edges and then sliding it toward the engine so that it comes away from the driver bulkhead. Next remove the engine access cover that is held in place by eleven hex head bolts with an M10 spanner. Once this is out then open the boot and remove the ECU access panel by lifting it up and pulling it out.

You are now able to access the original air box and remove it completely.

Start by taking off the rubber S shaped hose that connects the air box to the throttle body/intake manifold and then remove the air box lid and filter which will allow access to the bottom of the air box and the air intake hose. These can now be removed.

NOTE: Please keep the 2 bolts that hold on the standard air box as you will need these to attach the ITG mounting plate to the vehicle.

FITTING

Fit the ITG aluminium mounting bracket to the original Rover bracket using the bolts that you saved when removing the standard airbox.

NOTE: the studs should face in toward the engine.

Now fit the cold air intake hose (0.5M x 102mm) to the snout of the air box using the 90-110 hose clip. We have removed about 25mm of the wire helix from the neck of the hose so that you are able just to slide the hose over the neck of the air box and locate it into position.

Now feed the ducting down into the gearbox tunnel and fit the air box over the 3 studs on the plate making sure that you have a penny washer in between the plate and the air box on each stud. Use the remaining three washers on the inside of the air box and fix them in place using the three M6 ny-lock nuts.

NOTE: If the air box fouls on the underside of the engine boot panel take the bracket off and using a file slot the hole a little further upwards.



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Insert the Maxogen air filter into the air box.

NOTE: The filter must be oiled before fitting. Please refer to oiling instructions with the filter.

Some compression of the filter will be required to get it into the box and ensure a good fit of the air filters aluminium spinning to the protruding lip of the air box.

Once the filter is in position, fit the circular retaining ring using the six M5 button head set screws to hold the filter into the air box.

Attach the 'S' shaped silicone hose to the aluminium spinning of the air filter first using the 60-80mm hose clip supplied so that the ITG logo faces toward the back of the car. Then, pull the other end of the hose up to and over the throttle body and secure it in place using the 2nd 60-80mm hose clip.

NOTE: You may need to use a drop of washing up liquid on the inside of the hose to help slide it up over the throttle body opening.

Hold this in place with your left hand (effort required) keeping the hose parallel and tighten up with your right hand until no movement is detected.

NOTE: DO NOT over tighten this hose clip to the throttle body.

After your first drive, check to see if anything has come loose and tighten accordingly. Remember to take care as the engine will be hot.