



**Performance air filters**  
for road and race vehicles

BAB65MX5 Maxogen Induction kit  
for Mk1 Mazda MX5





**induction technology group ltd**  
Siskin Drive  
Coventry, CV3 4FJ

Tel: 024 7630 5386 Fax: 024 7630 7999

web: [www.itgairfilters.com](http://www.itgairfilters.com)  
e mail: [sales@itgairfilters.com](mailto:sales@itgairfilters.com)

## BAB65MX5 Fitting Instructions

### Fitting Your Maxogen Induction Kit

#### Pre-assembling components

Before you start actually fitting the airbox to the car it is a good idea to pre-assemble the airbox, filter, brackets and MAF sensor.

The first part of this process is to oil the filter (instructions can be found in the cleaning and maintenance section of these instructions). Once you have the filter oiled you can drop it into the airbox, fit the filter retaining ring and attach the first piece of the airbox / MAF mounting bracket (bracket 1). This is held in place by two M5 x 25 button head screws with penny washers whilst the rest of the filter retaining ring is held in place by four M5 x 20 button head screws. Do not fully tighten everything up yet as there is a small amount of adjustment available that you may need to correctly position the MAF sensor later. With bracket 1 now in place, it is time to fit bracket 2. This attaches to the first bracket with two M5 x 16 button screws along with one penny washer, one plain washer and a ny-lock nut per bolt. Make sure the two slightly slotted holes are towards the filter assembly and the two uneven holes are away from the filter.

Bracket 1



Bracket 2





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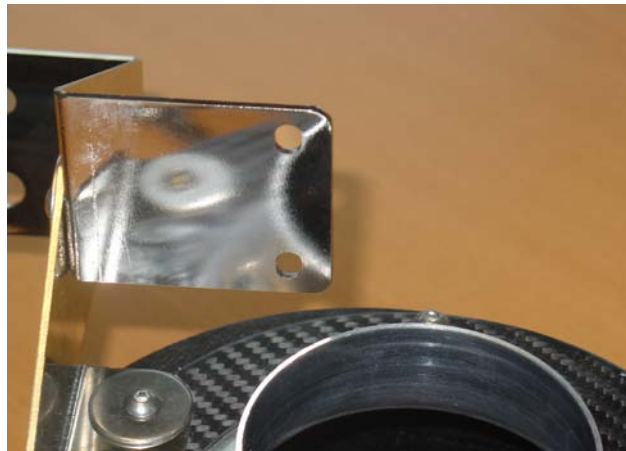
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## Pre-assembling components cont.

With these two brackets now roughly in place you can fit the MAF sensor into place. Fit the original rubber seal (I said you would need this later) onto the MAF as it would have originally been fitted and then slide the MAF into the filter spinning making sure that MAF is fully butted up to the spinning (also check that the airflow direction arrow on the MAF is pointing away from the airbox). Using the original bolts, bolt the MAF sensor into place and then fully tighten all the nuts and bolts.

### MAF Mounting point



## Fitting the airbox

Everything should now be ready to fit the airbox into the engine bay. The first job to do is to bolt the airbox assembly into place using an M8 x 16 hex head bolt with a spring washer and penny washer, and an M6 x 16 hex head bolt with a spring washer and penny washer, these attach the bracket to the two bolt holes on the bodywork as shown in the mounting point picture on the next page. At this point you can also reconnect the wiring harness back onto the MAF sensor.



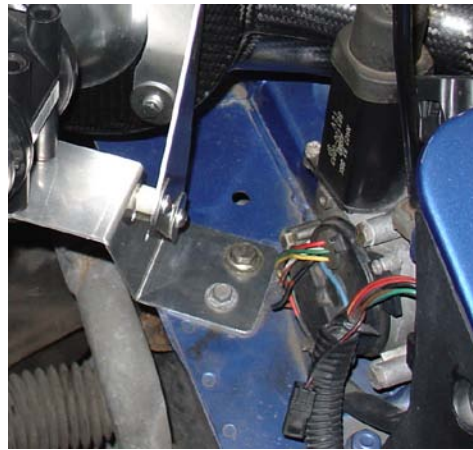
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## Fitting the airbox cont.

### Mounting point



The airbox assembly should now be roughly in place, don't fully tighten the bracket down yet as you may need to adjust its position when fitting the air intake pipes.

With the airbox assembly in place you are ready to fit the two silicon hoses and aluminium tube. Before fitting the hoses it may be a good idea to loosely assemble the two hoses and aluminium tube, make sure that the ITG logo's on the hoses will be towards the front of the engine bay and can be read when looking from the front of the car (this will make sure the 45° hose is correctly orientated). Now fit the whole assembly into place connecting the hoses to the MAF sensor and throttle body, make sure the lower spout on the throttle body hose is correctly positioned over the air bypass and pushed firmly into place.

Before you tighten up the hose clips make sure everything is sitting straight and square to the engine, you can make adjustments by sliding the hoses on the aluminium tube and using the adjustment in the airbox mounting bracket where it bolts onto the bodywork. Once you feel comfortable that everything is correctly lined up, tighten up all the hose clips, the two mounting bracket bolts and finally push the oil breather hose onto the steel pipe that extends around the cylinder head.





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## Finished!!

Your Maxogen induction kit should now be fully installed, all that is left to do is to go round and double check that everything is tight and secure and that there are no components fouling anywhere.

