

How to... fit an induction kit

Do your engine bay a favour and ditch your airbox for a sexy cone filter to make more power. Read these steps and, in less than an hour or so, you can sort your motor's breathing. Check it out...



1
Remove air box, silencer and other restrictive junk as described in 'modify air box' steps. Run the cold air feed pipes down to the bottom of the front spoiler. Carefully drill the pipe ends and spoiler. Fasten the hose ends to the spoiler with some cable ties. Make sure it's secure



2
Fasten on the new induction trunking with the hose clips supplied. Make sure this is tight. If the kit doesn't have trunking as part of the kit, use the original. Mock fit the cone filter to check it's gonna fit OK and will clear the battery and rocker cover. Adjust trunk if necessary



3
Insert the cam cover breather hose into the back of the cone filter. This will be a tight interference fit and need a fair old push. A few drops of washing up liquid can help make this slip in a lot easier. Now push the breather hose back on to the cam cover and slide on any clips



4
Tighten the breather hose clips. After this, push the cone filter on to the induction trunking. This may be tight, so again break out the washing up liquid to make the job easier. Once on, tighten up the clips. Remember, these have to be air-tight and solid so your filter doesn't fall off



5
Now pull up the cold air trunks you fitted earlier behind the radiator. These want to fire near the cone surface to draw cold air up from the bottom of the front bumper to the filter. Fasten these securely to anu brackets that are near the filter. Check the cold air pipes don't foul anything



6
With everything on, re-check all the cold air pipes are secure and hose connections are tight. Start the car and check for air leaks (listen for hissing) as these can cause rough running. Press the throttle pedal and if you've done it all right your car will be louder and more powerful

TEST RESULTS FOR SAXO VTS

Filter	Peak power bhp	Peak torque lbft	Increased power	Increased torque
Ramair	130.2	118.4	6.3	2.7
JR	132.5	120.7	8.7	5.0
Pipercross Vector	131.1	118.4	7.3	2.7
Pipercross	129.0	118.4	5.2	2.7
BMC	129.3	116.2	5.5	0.5
K&N 571	129.4	116.9	5.6	1.2