



Cold Air Intake

Installation Instructions

For: All MGA and MGB

with twin 1-1/2" SU carburetors (H4, HS4 and HIF4)

PART # 223-065

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Tools required:

- (2X) 1/2" combination wrenches
- 8mm socket and ratchet or nut driver

1) Remove the air filters from the carburetors.



Illustration 1



2) Place the band clamp around the open end of the air filter. Install the air filter onto the cold air intake (CAI) tube. Leave the clamp loose for now. For MGA the filter must be aimed in a specific direction in order to clear the body of the car and allow for engine rock. Illustration 2 is the general direction the filter needs to point for MGA.

For MGB the filter orientation is not as critical and just needs to aim down in front to clear the hood. Do not tighten the band clamp until the last step to allow for slight adjustment once the CAI has been mounted.



Illustration 2



3) Test fit the CAI assembly to the car. Adjust the filter as necessary to make it clear the body of the car.



Illustration 3

Installation Instructions



Illustration 3

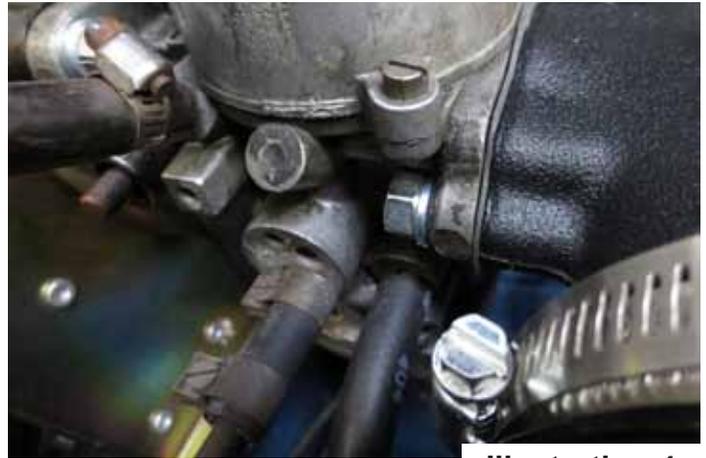


Illustration 4



- 4) **If your carburetors have threaded holes:**
Select the bolts that fit your carburetor from your kit. Place a flat washer on each bolt. Thread the bolts through the CAI and into the carburetors. Be sure to place the gaskets between the CAI and the carburetors.

Do not over-tighten. Usually, a bit more than hand-tight is perfect.

Now, put a wrench on the head of the bolt. Slip a lock washer and a nut on the threaded end of the bolt. Using the wrench on the head of the bolt to stop the bolt from turning, you can use your other wrench on the nut and lock washer. Tighten the nut and lock washer until the lock washer is compressed.

If your carburetors do not have threaded holes:
Select four matching bolts from your kit. Place a flat washer on each bolt. Slip the bolts through the CAI and into the carburetors. Be sure to put gaskets between the CAI and the carburetors.

While holding each bolt with your fingers, slip a lock washer and nut on the threaded end of each bolt. Use a wrench at each end to snug the nuts on the bolts.

Do not over-tighten. Tighten only enough to compress the lock washer. That will be perfect.

- 5) Now that the CAI is installed, make final adjustments to the position of the filter. Finally, tighten the band clamp with an 8mm socket or nut driver.



Illustration 5

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