

# Pipercross

## Performance Air Filters

### Installation Instructions for Pipercross

#### Intake kit PK364

#### Mazda MX5 Mk3 1.8/2.0

#### BEFORE YOU START

1. Please read the instructions before starting work.
2. Disconnect the battery before starting work.

### KIT CONTENTS

No.	Description	Qty
1	Filter	1
2	Silicon Hose	1
3	Bracket	1
4	CAF Hose	1
5	Mini Bracket	1
6	90>120 Hose Clip	1
7	60>80 Hose clip	2
8	M4 x 10 Bolts	2

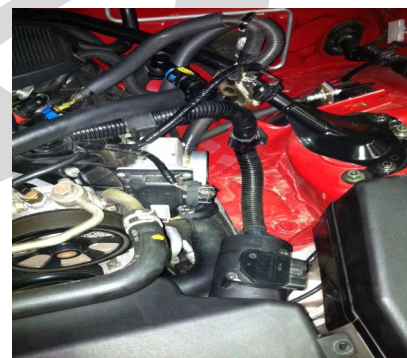


### REMOVING THE STANDARD INTAKE

1. Remove breather pipe from top of hose (A)
2. Unhook the metal bracket from side of hose by pulling up on it and place out of way (B)
3. Unclip MAF sensor from airbox and move to one side (C)



4. Loosen the two hose clips holding the intake pipe on and remove pipe.



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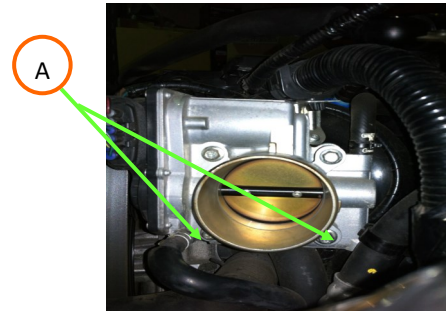
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#### Mazda MX5 Mk3 1.8/2.0

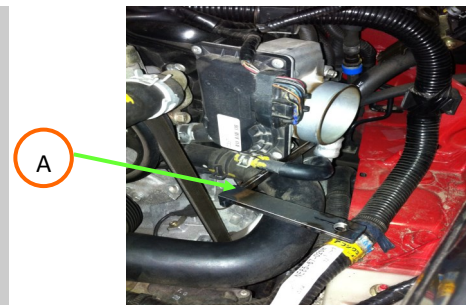
5. Remove the two bolts that hold the airbox in place, then separate the two parts of the airbox and remove. You will need to pull up on the second half of the airbox to remove it from the rubber mounting point.



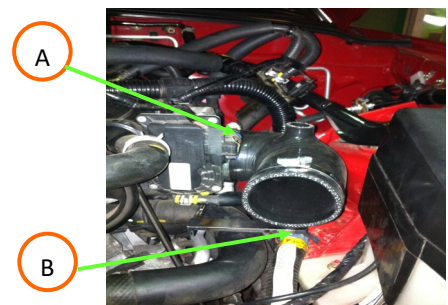
6. Remove the two bottom bolts from the throttle body (A) and place to one side.



7. Install bracket (A) by bolting to the throttle body using existing bolts, ensure to tighten securely.



8. Undo one of the 60>80 jubilees and slide the mini bracket on to it. Install the silicon hose to the throttle body with the other 60>80 jubilee loosely (A) then using the other one with the mini bracket on slide over end of hose and slot the bolt through the hole on the bracket (B) Tighten using the nut and washer provided.



9. Remove the MAF sensor from the airbox (A) and install on the Pipercross filter using the M4 x 10 Bolts provided. See insert.



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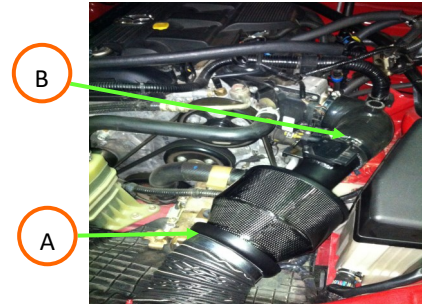
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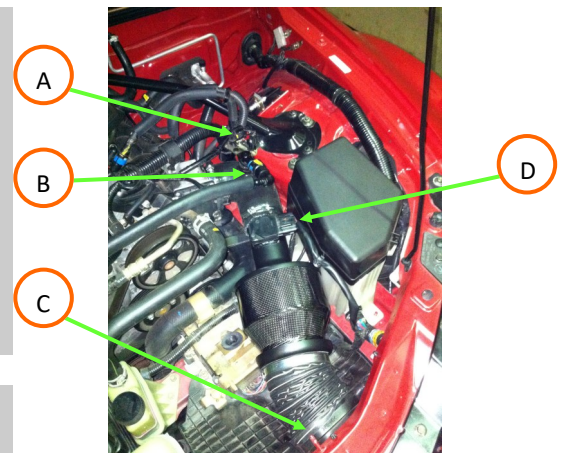
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10. Attach the CAF to the end of the Pipercross Filter unit using the 90°120 jubilee (A)
11. Insert the Pipercross filter unit into the silicon hose so the silicon hose is up against the MAF sensor boss, secure using the jubilee clamp attached to the bracket (B)



12. Using the cable tie provided secure the metal bracket you took off at the start to the brace behind (A)
13. Insert the breather pipe into the top of the silicon elbow (B)
14. Push the CAF into the OE cold air feed, you may wish to squash the end slightly to get a good fit (C)
15. Finally clip the MAF sensor back onto the MAF (D)



#### Finished installation

1. Check and tighten all hose clips, connections, nuts and bolts.
2. Reconnect the battery
3. Start the engine and allow the car to idle checking for any air leaks

#### TEST DRIVE:

Take the car for a test drive to ensure the engine is operating correctly. It will take a while for the engines computer unit to adjust for the extra amount of air it is now receiving. The performance of the unit will increase as the engine adjusts itself to the optimum setting with the intake fitted.