



James Barone Racing
Custom Fabrication of Aftermarket Parts and Accessories

JBR MAZDASPEED 3
3.5" Wide Path Installation Instructions
(Factory Turbo)



Make sure you have a base MAFCAL applied to your tune and applied to the ECU before beginning the installation. Make sure there is nothing that may interfere with the installation before proceeding.

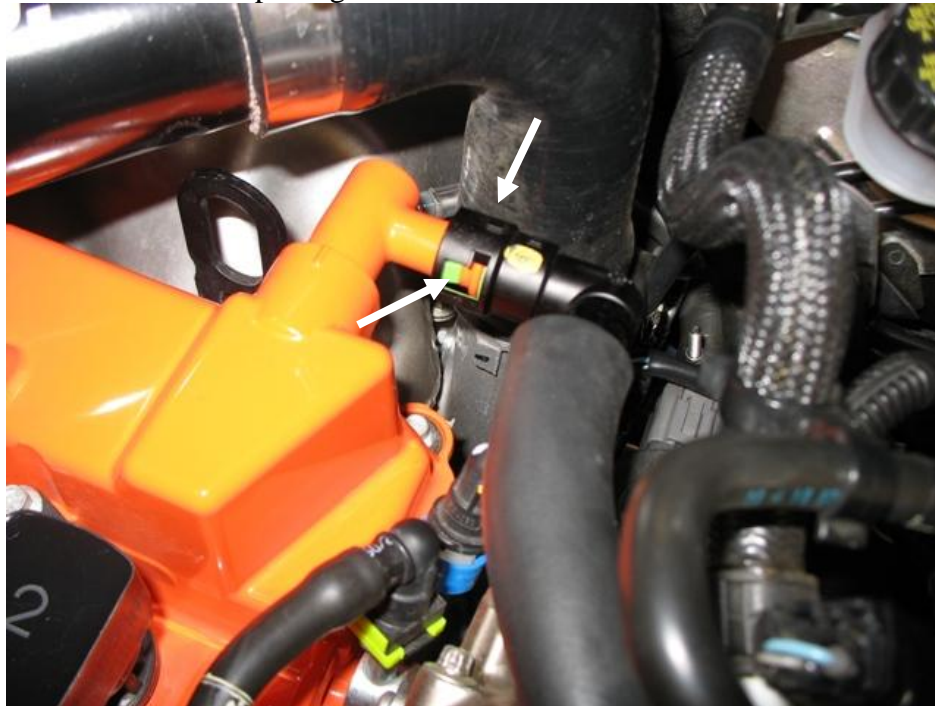
1. Start by removing your battery and battery box.
2. Next, using a philips head screw driver remove the ECU cover.



3. With the cover removed, now remove the 4-10mm ECU mounting nuts and the 4 philips head screws holding the ECU mounting bracket to the battery box.



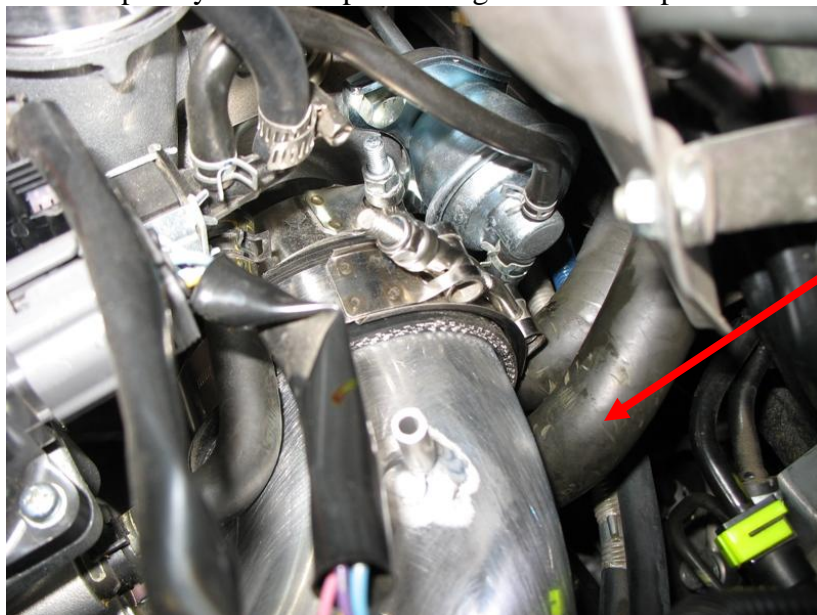
4. Remove your current intake and turbo inlet pipe
5. Remove the OEM breather hose from the valve cover by squeezing the green tabs on either side while pulling on the hose.



6. Place 2 of the included T-bolt clamps on the coupler and install the coupler on to the turbo first. There are two large clamps included; the smaller of the two is the clamp to use on the intake side of the coupler. Tighten the clamp on the turbo side ensuring coupler is on completely first.

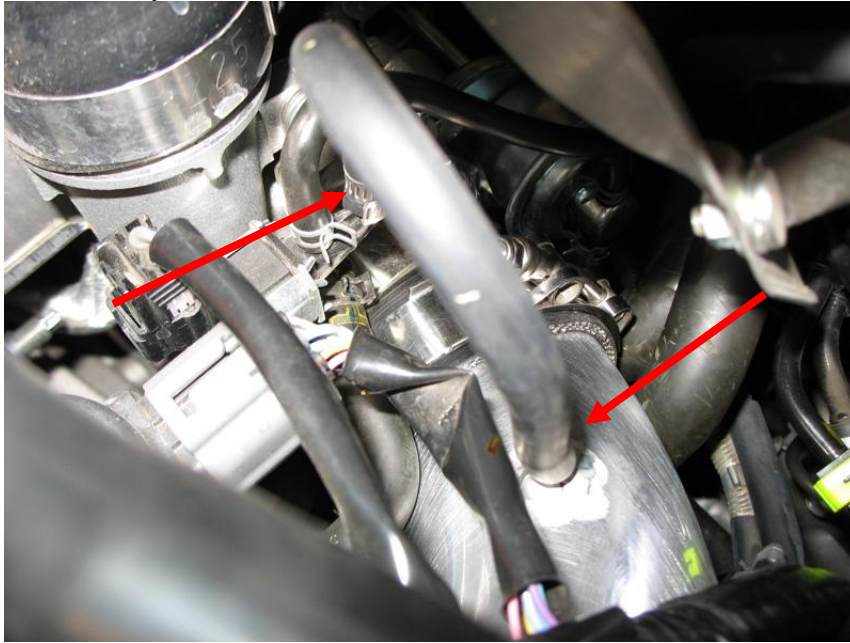


5. Next install your new JBR intake partially in to the turbo coupler and then on to factory mounting bracket. You will need to move the factory heater hose towards the driver's side of vehicle a bit. You will need to wrestle with the intake to get it in the coupler and on to the mounting bracket. Once the intake is on the bracket, seat it completely in to the coupler. Use your hand to feel around the coupler and be sure it is completely in the coupler and tighten the clamp.



Heater Hose

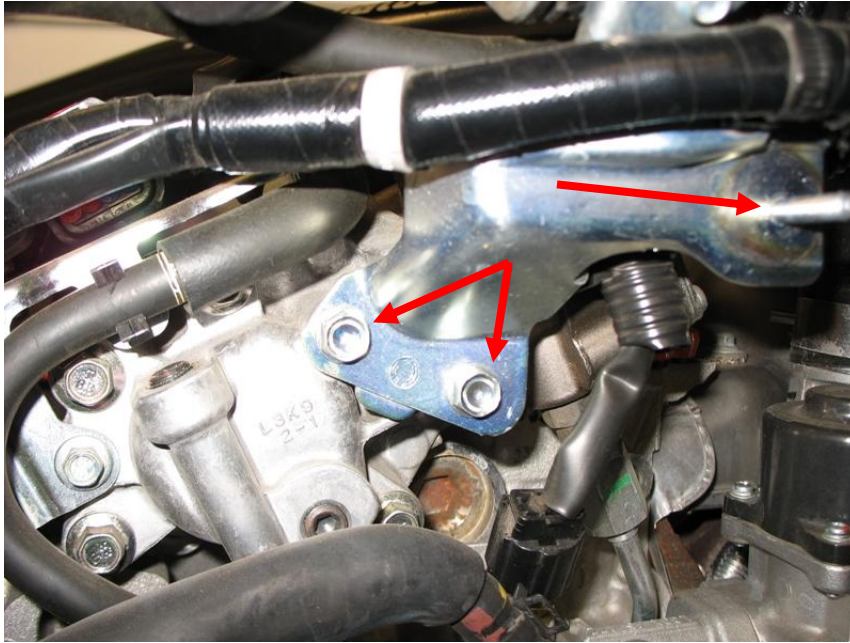
6. Connect the waste gate solenoid vacuum line included with your intake. Trim to length if necessary.



7. Install the valve cover breather line. Trim if necessary.



8. Tighten the intake to the mounting bracket. Depending on the type of BPV/BOV you have, washers may be needed to space the intake a bit for the filter to clear. The included spacer can be added on the stud and/or a few washers can be added behind the two bolts of the mounting bracket itself.

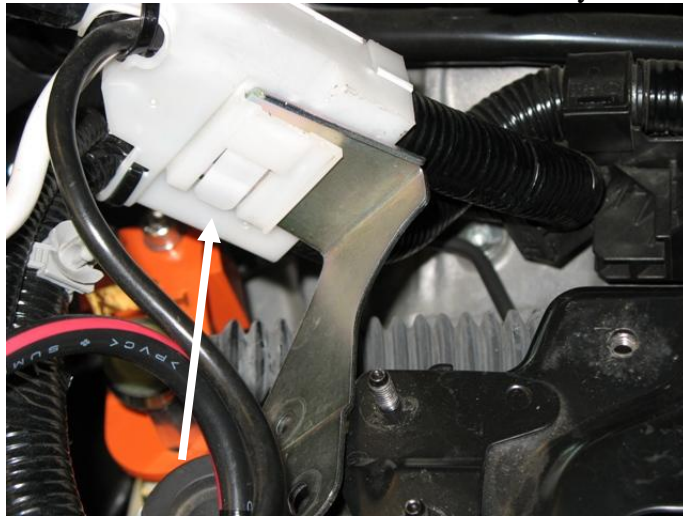


9. Using a medium sized philips head screw driver remove the 2 screws from the MAF adaptor and install your factory MAF adaptor and tighten. Do not over tighten.

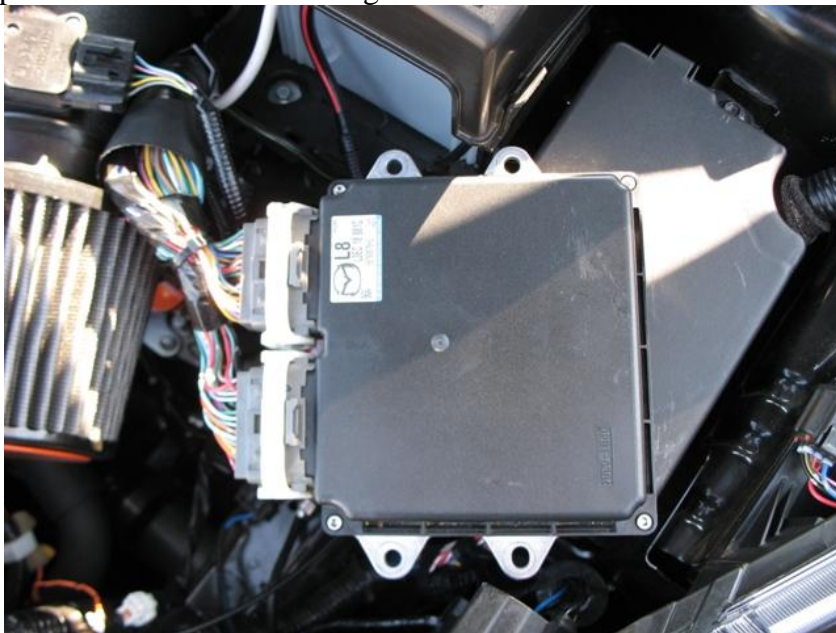
Do not forget to reconnect your MAF sensor.



10. Put the included clamp on the filter then install the filter on the end of the intake and tighten the clamp. If the filter wants to slide off before you get the clamp tight, clean the oil residue off the inside lip of the filter with some alcohol.
11. Remove the wire harness mounting bracket by pulling on the tab that secures it in to the molded plastic sleeve. I don't recommend removing the plastic sleeve in case the car needs to be returned to the dealer for warranty work.



12. Using 3M outdoor 2-sided foam tape applied to the back of the ECU, secure the ECU to the top of the fuse box cover. Test fit placement first.
13. Lay the wiring harness over towards the driver's side of the car and make the connections to the ECU. These connections can be made without removing the white plastic sleeve from the wiring harness.



14. Install the battery box then the battery. Tighten the battery down in the forward most position. Connect the positive terminal first then the negative. This configuration will not allow for the front of the battery box to be installed. To install the front of the battery box the white plastic sleeve must be removed to obtain enough slack in the positive cable to properly route it under the front cover. If you must have the front cover installed the sleeve will need to be removed. Removing the sleeve may cause warranty issues if you're still covered.



Congratulations!! Your installation is complete.

DISCLAIMERS:

Failure to carefully follow the installation instructions for your JAMES BARONE RACING product could result in significant property damage, personal injury, injury to others or even death. Please take the time to read and thoroughly understand the instructions prior to installation. The instructions are as accurate as possible and may vary slightly from model year to model year. Professional installation is recommended.

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WARRANTY:

All JAMES BARONE RACING products carry a lifetime warranty to the original purchaser. Warranty is non-transferable. Warranty does not cover damage or failure caused by abuse, misuse, faulty installation or repairs not conducted by JAMES BARONE RACING. JAMES BARONE RACING is not liable for consequential damages arising from the use of our products or any indirect damages resulting in the loss of property, revenue or costs for towing, removal, installation, or re-installation. To receive warranty service you must contact JAMES BARONE RACING to receive an RMA # (Return to Manufacturer Authorization Number) at which time you will be provided with instructions for returning the faulty product

CONTACT:

If you have questions or problems, e-mail us at jamesbaroneracing@gmail.com. Posting questions or problems in the forums or other social media outlets will only delay you from getting the correct answer or personalized attention from us.

PLEASE DRIVE RESPONSIBLY.