



**James Barone Racing**  
**Aftermarket Parts and Accessories**

## **07' - 2013 MAZDASPEED 3 JBR Oil Catch Can VTA Kit Installation Instructions**



These installation instructions are written assuming you already have a JBR Stage1 or Stage 2 Oil Catch Can Kit installed. If you have a JBR Stage1 or Stage 2 Oil Catch Can Kit that has not yet been installed, use these instructions along with the installation instructions found [here](#) to complete the installation.



This kit is designed to work specifically with JBR Oil Catch Can Kits and utilizes components from those kits and additional components supplied with the VTA kit. The JBR Oil Catch Can VTA Kit is not designed to work with other catch can kits on the market.

Ok now let's get started.

1. Begin by parking on a smooth level surface with the emergency brake engaged. Jack up the front of the vehicle and position jack stands underneath both sides.



**Refer to you vehicles owner's manual for proper jack placement and supporting procedures.**  
**Never get under a vehicle without the proper support in place.**

2. Next remove the engine's belly pan and remove the catch can from the vehicle

3. Place the filter assembly on to the top port of the catch can with the filter facing up and zip tie the hose to secure it. **The filter assembly must be pointing up for proper venting, not down or to the side.**
4. Place the 5" piece of rubber hose on to the lower port of the catch can and secure it with a hose clamp.
5. Put the Barbed T in to the other end of the 5" piece of hose and secure it with a hose clamp.



6. Reinstall the catch can in to the vehicle.
7. Remove the hoses attached to the intake manifold and the PCV valve. **If you have a Stage 2 Oil Catch Kit installed and the check valve is already connected to the PCV valve there is no need to remove the hose.**



**If you have a JBR Stage 2 OCC kit with a check valve installed on the intake manifold, MAKE SURE THE ARROW ON THE CHECK VALVE IS POINTING AWAY FROM THE PCV VALVE. IF IT'S NOT, REASSEMBLE THE FITTINGS SO THE ARROW ON THE CHECK VALVE IS FACING AWAY FROM THE PCV VALVE. Then reinstall the check valve hose on to the PCV Valve.**

8. Next, connect the hose from the PCV to the T. Trim the hose if necessary.



9. Attach the short hose and plug included with the VTA kit to the intake manifold port.



10. Remove the OEM hose from the CAM cover by squeezing the 2 green tabs and pulling the hose off of the cam cover. Then, remove the green clip from the Cam Cover.



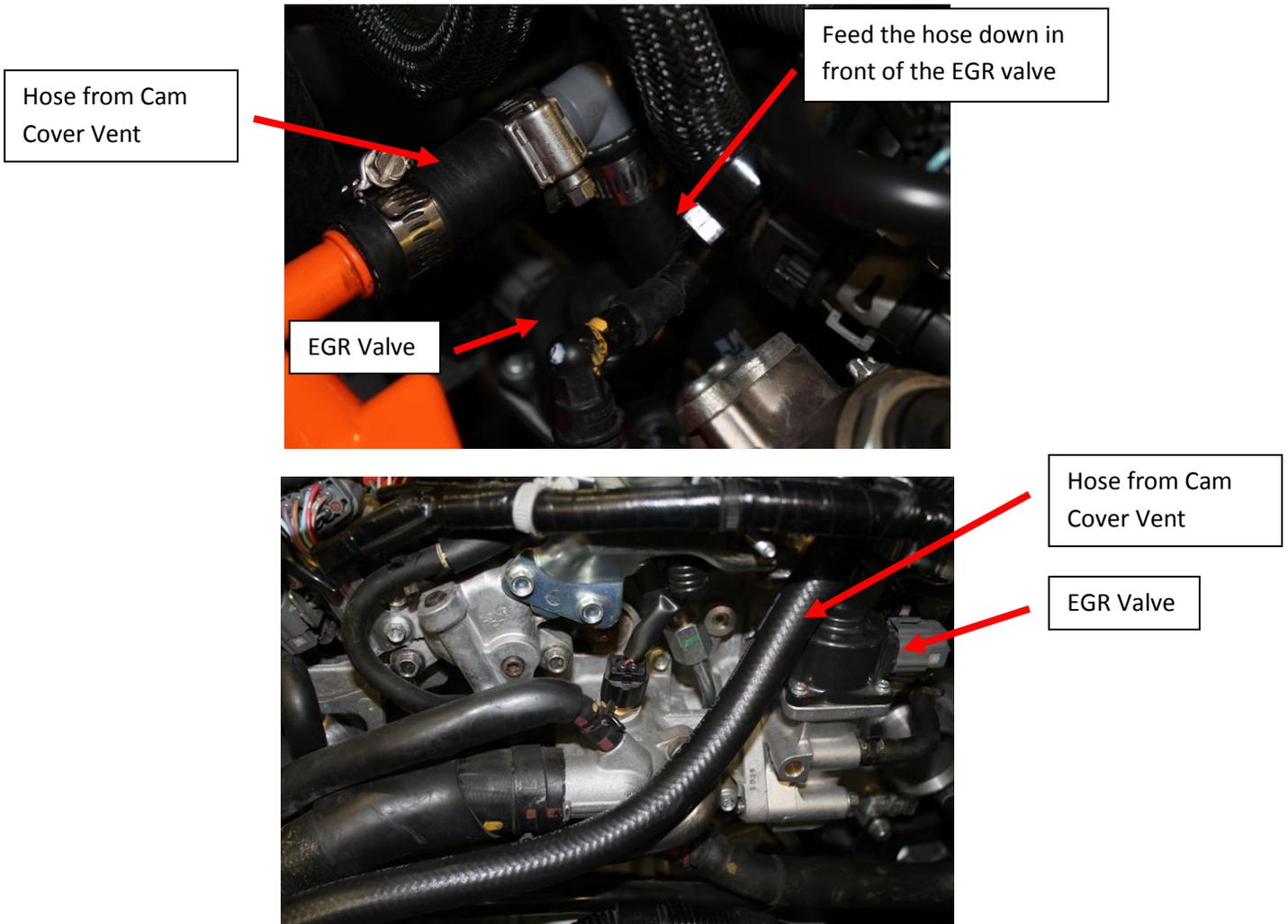
10. Loosen the clamp on the intake hose and remove the OEM Cam Cover hose



11. Insert the plug included with the VTA kit in to the intake hose and secure it with the clamp removed in step 10.



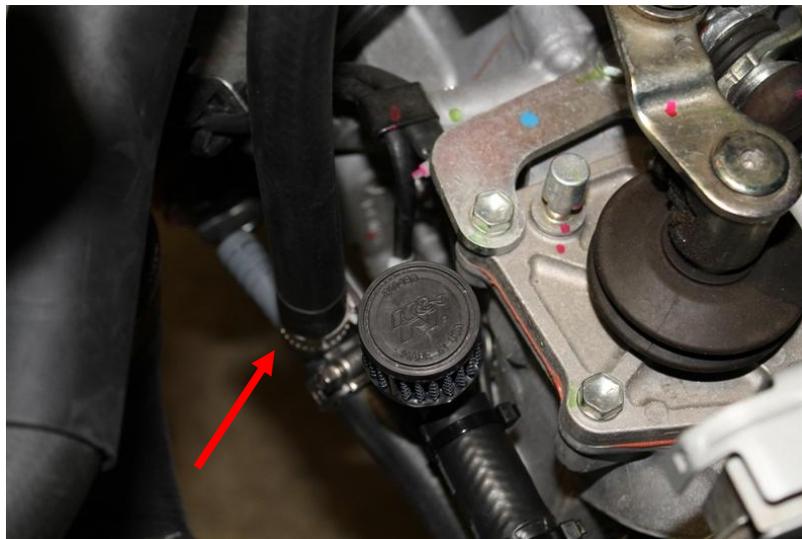
12. Next, feed the other hose removed in step 7, down in front of the EGR valve, underneath the bypass hose and connect it to the cam cover vent with a hose clamp. **This can be done without removing the battery box. The picture below illustrates the routing if the battery box and turbo inlet pipe was removed.**



13. Loosely secure the hose from the Cam Cover to the bypass hose and/or the radiator hose so it doesn't interfere with the shifter linkage.



14. The last step is to connect the hose from the Cam Cover to the T. Trim the hose if necessary and secure with a hose clamp.



**Congratulations you have now completed the installation of your new JBR Oil Catch Can VTA Kit!**

After 3 weeks check the contents of your catch can by loosening the valve and allowing it to drain in to a cup. This will help you gauge how often you'll need to check and drain your catch can. There is no need to check on it any sooner. Please don't drain it on the ground. This is also a good time to check the installation for leaks.

After 3 months or so you'll want to inspect the installation of the entire kit. If everything looks good, all that's left to do is periodically drain the catch can.

## **SHIPPING**

All orders are carefully inspected and packaged prior to shipment. The recipient must inspect all shipments for damage and report any damage to the carrier and JAMES BARONE RACING immediately. JAMES BARONE RACING is not responsible for damage that occurs during shipping.

## **RETURNS:**

All sales are final. JAMES BARONE RACING will only accept returns in the event of a manufacturer's defect. Defective items will be exchanged for the identical item or repaired at our discretion. Return shipping costs are the responsibility of the purchaser. An RMA # (Return to Manufacturer Authorization Number) must accompany all returns. In rare cases when a return is accepted, a 15% restocking fee will be deducted from the refund or credit. Shipping charges are non-refundable. No returns or exchanges will be accepted after 30 days.

## **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](mailto: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.