



**JAMES BARONE RACING**  
**AFTERMARKET PARTS AND ACCESSORIES**

**2019+ Hyundai Veloster N**  
**Cam Cover Oil Catch Can Installation Instructions**



**Tooling:**

- ✓ Ratchet
- ✓ 10mm & 14mm deep sockets
- ✓ Needle nose pliers
- ✓ 5mm allen wrench
- ✓ Crescent wrench
- ✓ Teflon tape
- ✓ Sharp scissors

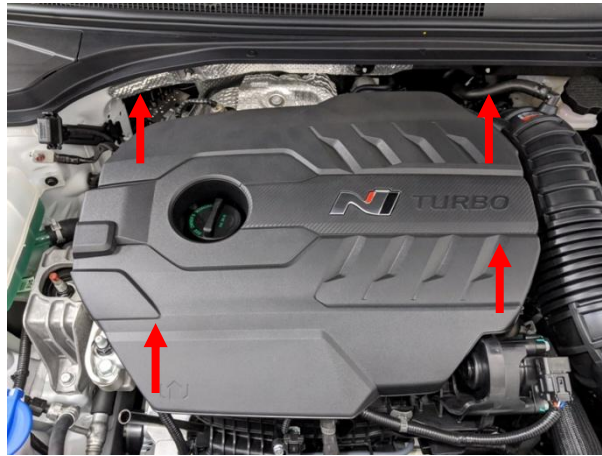
**Parts List:**

- ✓ 1 fully assembled oil catch can
- ✓ 1 mounting bracket
- ✓ 3, 3/8" hoses 1, 20" 1, 21" and 1, 30"
- ✓ 2, barbed reducer fittings
- ✓ 1, 6mm x 1 x 35mm bolt, 6mm flat and 6mm lock washer
- ✓ 1, round aluminum spacer
- ✓ 4 small hose clamps
- ✓ 2 large hose clamp
- ✓ 1, drain valve and 90° NPT fitting
- ✓ 5, 8" and 1, 5" zip ties

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# Let's get Prepared!

1. Remove the engine cover by pulling up in each corner.



2. Remove the 2, 10mm bolts behind the passenger side headlight.



3. Cut the hose between the cam cover and the intake where indicated.



- Using a pair of pliers, loosen the clamps and rotate the cam cover hose straight towards the front of the vehicle and rotate intake hose towards the rear.



- Apply Teflon tape to the threads of the 3/8" barbed fittings provided with your kit. Install the barbed fittings into the IN and OUT ports of the catch can using a 14mm deep socket.



- Apply Teflon tape to the threads of the drain valve. Attach the drain valve to the bottom of the catch can and tighten with a crescent wrench. Install the 90° drain hose fitting into the bottom of the drain valve. This can be tightened by hand and does not need to be tight. The barbed end of the fitting should be facing the direction shown. Attach the 20" piece of hose to the barbed end of the 90° fitting.



- Loosen the socket cap screw on the mounting collar and rotate it so it's in line with the logo.



- Tighten the mounting collar so it's just below the top edge of the catch can.



- Install the mounting bracket to the mounting collar included with your kit.



- If you need to adjust the location of the mounting collar, ALL 3 socket cap bolts must be loosened.

## Let's Make Some Room!

- Carefully pivot the A/C line so it is straight and parallel to the A/C line to its right.



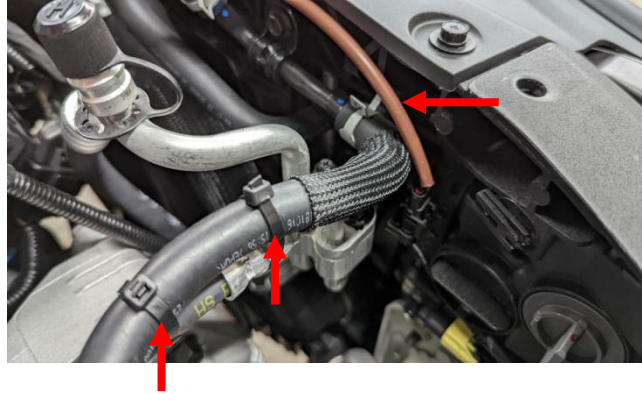
- Disconnect the wire shown below from its mounting point on the core support.



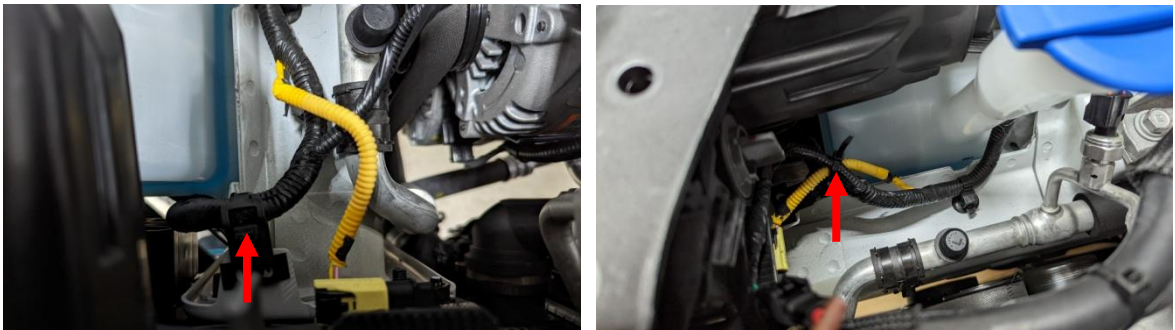
- Remove the coolant hose from side of the windshield washer fluid reservoir. Raise it over the top of the reservoir towards the driver's side.



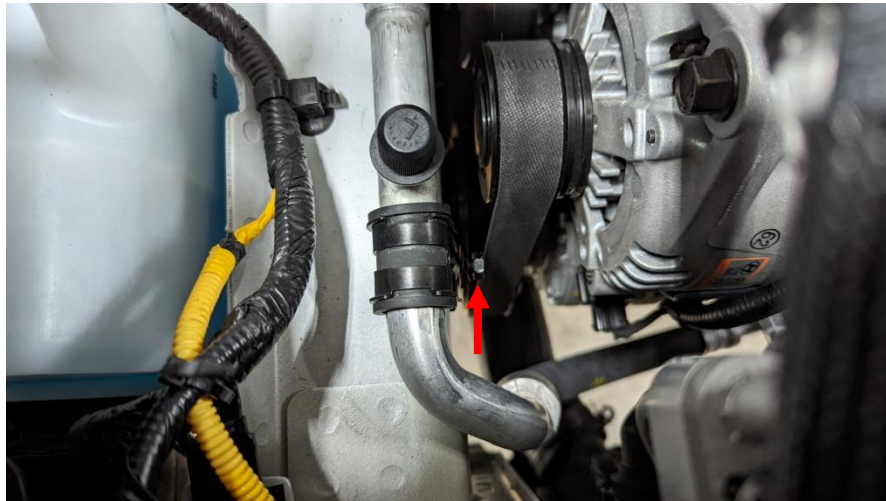
12. Secure the coolant hose **ON TOP** of A/C line you moved in step 9 with 2 of the 8" zip ties. Then, route the wire you removed in step 10 as shown below.



13. Disconnect the wire loom from its mounting point shown below and secure it towards the passenger side of the car as shown with one of the 5" zip ties.



14. Remove the bolt securing the A/C line bracket to the frame. Place the round spacer included with your kit between the bracket and the frame. Re-secure the bracket with the included 35mm bolt, flat washer and lock washer. **Patience is needed here. Don't drop/loose the spacer.**

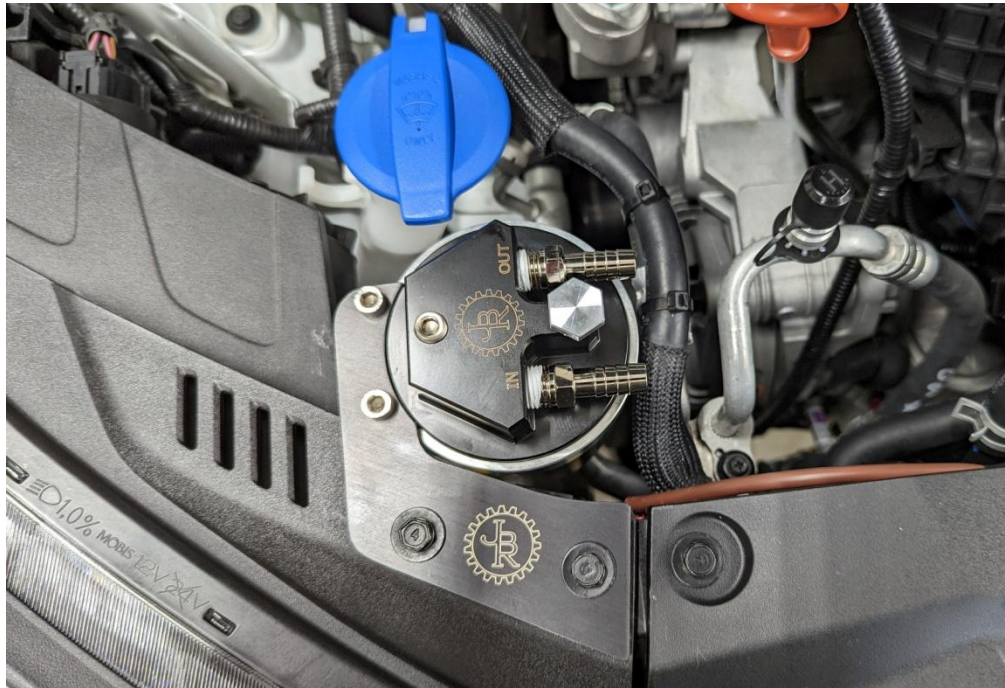


## Let's wrap this up!

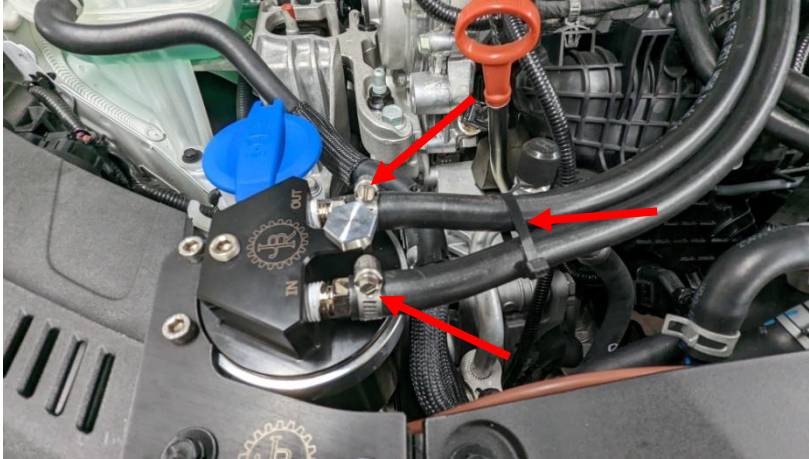
15. Now it's time to put the catch can in place. With the catch can drain hose facing the rear of the car, feed the drain hose under the wire loom you secured in step 13. Then, route it down in front of the passenger side wheel well.



16. Secure the catch can with the two bolts removed in step 2.



17. Remove the catch can dipstick and connect the 21" hose to the IN port on the catch can and the 30" hose to the OUT port. Secure with two of the small hose clamps and 1, 8" zip tie as shown below.



13. Insert one barbed reducer fitting into the hose connected to the intake and the other into the hose connected to the cam cover. Secure with 2 of the large hose clamps. Then connect the hose from the IN port of the catch can to the hose from the cam cover and the hose from the OUT port to the hose going to the intake. Secure with 2 of the small hose clamps and 2, 8" zip tie as shown below





14. When replacing the engine cover route the hoses towards the driver's side of the foam under the cover as shown below.



**Congratulations!! You've now completed the installation of your New JBR Cam Cover Oil Catch Can Kit!!**