



SOHO MOTORSPORTS VHR37 CATCH CAN COMBO INSTALLATION MANUAL

Technical Support:

704-839-0435

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Specifications:

Coolant Reservoir Fluid Capacity: 28 fluid ounces

Accessories Included:

- 1 - SOHO Motorsports Catch Can Assembly w/filter and drain preinstalled
- 1 - AN Line Kit
- 2 - PCV Adapters
 - 1 - 90° 5/8" Silicone Hose Adapter
 - 1 - Straight 5/8" Silicone Hose Adapter
- 2 - 10AN to 1/2" Barb Adapter
- 1 - OEM Nissan 137 kPa Radiator Cap
- 1 - 1/2" billet plug (For use with 15+ pressurized expansion tanks only)
- 4 - 5/8" worm clamps
- 2 - 3/8" Vacuum Caps
- 6 - Tie Straps

Tools Needed:

- Needle Nose Pliers
- 10mm & 12mm Wrench or socket w/ ratchet
- Flat Head Screwdriver
- 24mm socket w/ ratchet
- 3/8" ratchet
- Hose Cutters
- Adjustable wrench

ALL SOHO Motorsports catch can combos will come with a Petcock to allow the client to release oil manually.

WARNING: PLEASE INSTALL CATCH CAN COMBO ON VEHICLE THAT HAS NOT BEEN RUN IN 8 HOURS AS COOLANT MAY STILL BE HOT AND CAN LEAD TO INJURY. EXTREME CAUTION SHOULD BE TAKEN WHEN PERFORMING ANY MAINTENANCE OR PERFORMANCE UPGRADES TO YOUR VEHICLE. PLEASE OBSERVE AND ABIDE BY ANY WARNING OR CAUTION LABELS PLACED ON THE VARIOUS COMPONENTS AND TOOLS USED WHEN SERVICING YOUR VEHICLE.

PLEASE CONSULT A PROFESSIONAL MECHANIC OR CONTACT SOHO MOTORSPORTS FOR MORE INFORMATION IF YOU HAVE ANY QUESTIONS REGARDING THE INSTALLATION OR VARIOUS COMPONENTS INCLUDED IN THIS KIT

Prior to Install:

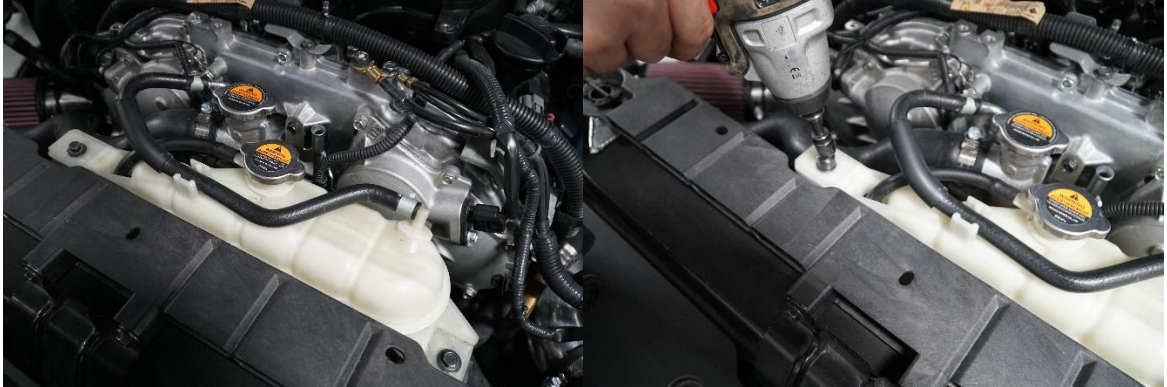
Remove all components from the SOHO Motorsports VHR catch can kit and verify that everything has been received.

1. Properly raise and support your vehicle using jack stands/ lift at the proper jacking points on your vehicle's chassis (see instruction manual).
2. Open the vehicle's hood and remove the stock engine cover.

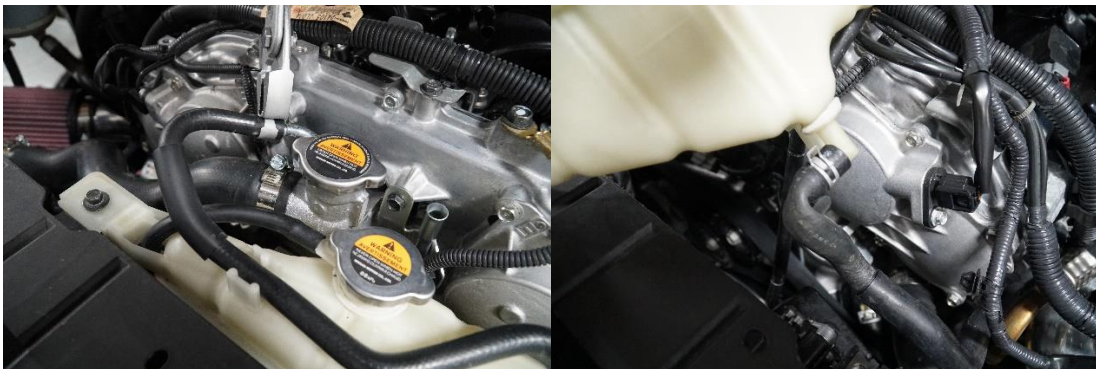
**Depending on the year that your vehicle was made, there are two reservoirs that were offered which were a pressurized reservoir and a non-pressurized reservoir. All current SOHO Combo Kits are non-pressurized.*



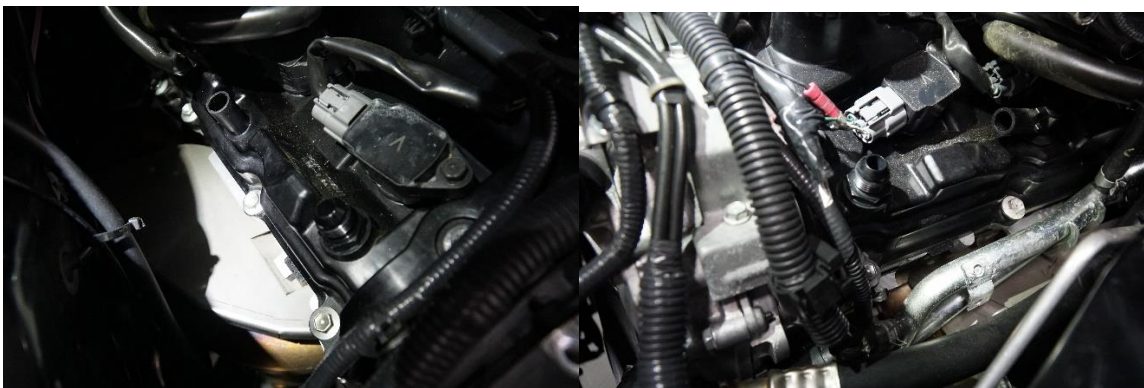
3. Begin by removing the two bolts that hold the factory coolant reservoir in place:



4. Remove all the coolant that is in the reservoir prior to raising the coolant reservoir out of the stock location. Once all the fluid has been removed, loosen the clamps that hold the one heater hose to the engine and the other hose that is below the coolant reservoir.



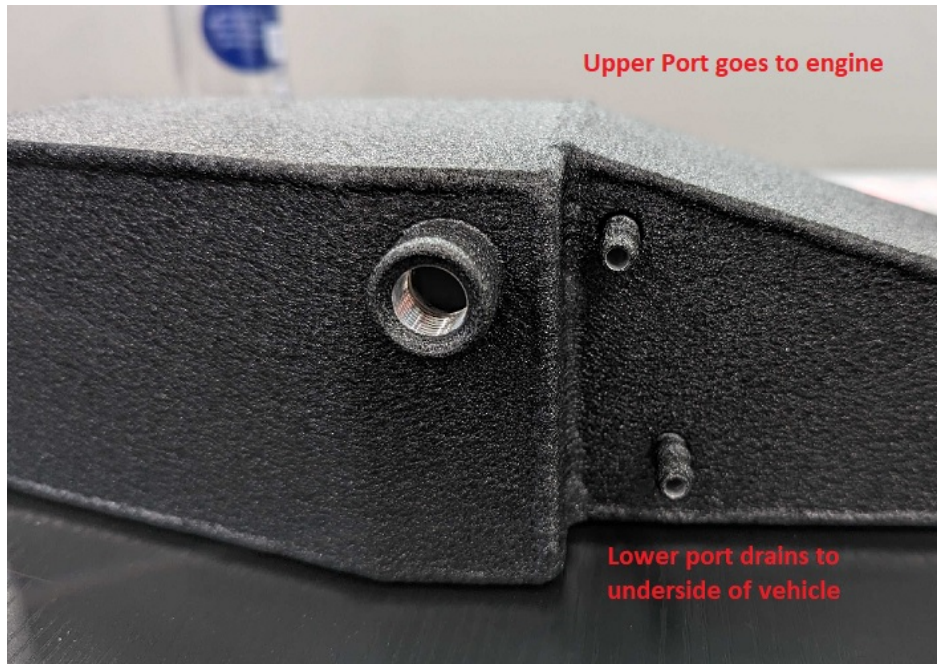
5. Remove the stock PCV hoses and PCV valves from the driver and passenger side and install the aftermarket PCV delete fittings that have been provided in the kit:



6. You may need to trim 2 inches off the radiator fan shroud to allow for clearance for the catch can to sit properly, which has been circled in the picture below:



7. Install the bottom coolant hoses onto the SOHO coolant catch can and then install the catch can combo into the original location. Install the 137kPa radiator cap at this time.



- Remove the coolant hose that was on the original coolant reservoir and trim as shown in the picture (white line where screwdriver is pointed to). You may need to trim an additional inch once it has been test fitted to ensure a nice smooth transition of the hose:



- Install both silicone couplers that have come in the kit onto the -6AN fittings provided:



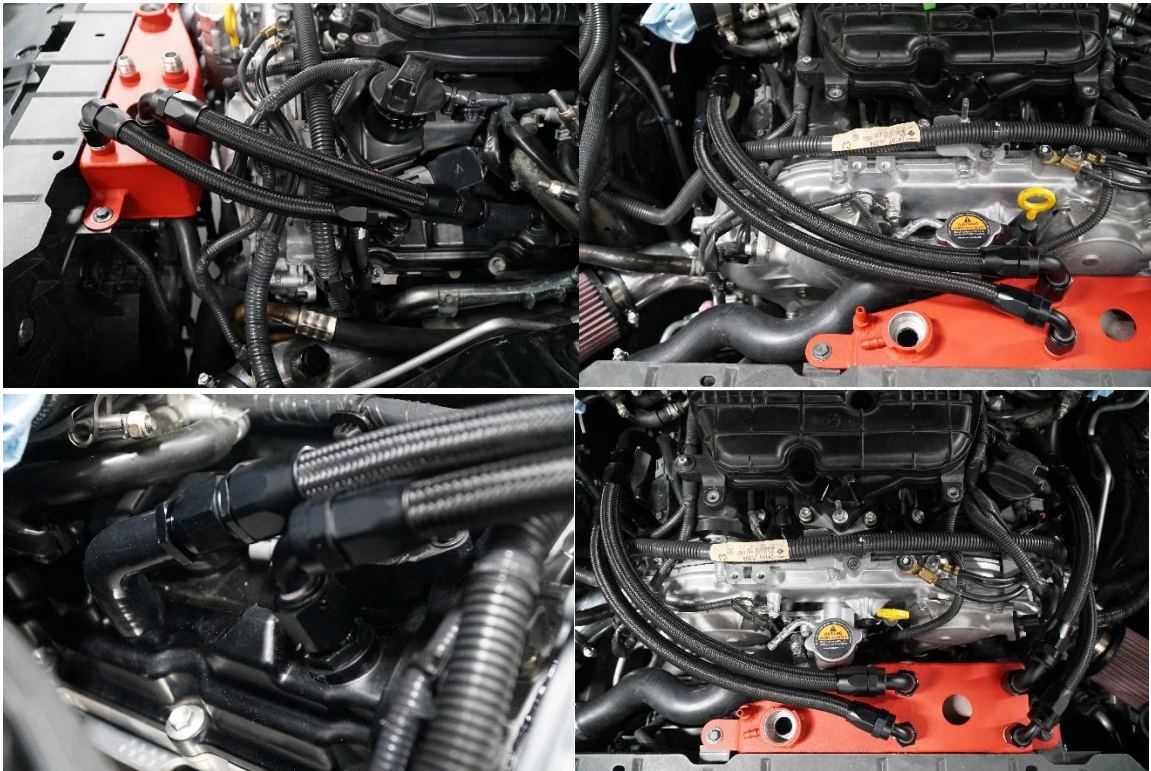
- Install the vacuum caps on the intake manifold as shown



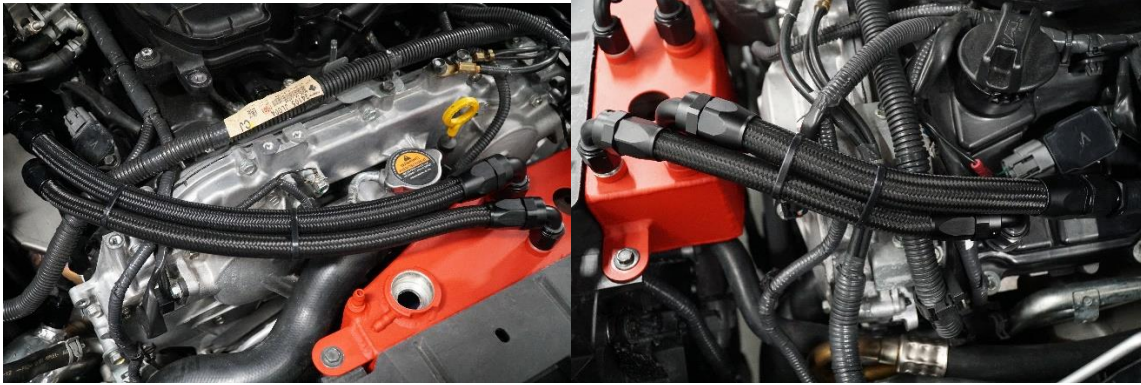
12. Install both fittings from the previous step onto the proper line for each side. The longer line will go on the passenger side and the shorter line will go on the driver's side:



13. Begin by installing the PCV line on the driver's side first and then the breather line and repeat the same procedure on the passenger side:



14. With all the lines routed, you may choose to zip tie the lines together as shown in the picture below for each side:



15. If your vehicle is a 2015+ you will need to block the factory expansion tank hose off using the provided billet plug. Simply shorten the hose, push the plug in, and reinstall the OEM spring clamp.

