

# Performance Oil Catch Can Kit Part Number: 860-003

Toyota 2022-2024 Tundra 3.4L Turbo Toyota 2023-2024 Sequoia 3.4L Turbo

## **Installation Instructions**

For technical inquiries please email us at tech@hpsperformance.com

In the email, please include the following information for faster response:

- Year / Make / Model / Engine of your vehicle
- If it is a fitment issue, please include pictures showing the fitment problem
- If there are missing parts, please list the part number(s) from the bill of materials on the 2nd page
- Optional but recommended Your contact phone number and preferred call back time

You can also give us a call via 626-747-9200 for tech support Monday-Friday, 9:00am-5:00pm Pacific Time.

### **Bill of Materials**

Kit Number: 860-003

Line #	Description	Part Number	Qty
1	Oil Catch Can	OCC-14	1
2	Oil Catch Can Bracket	OCC-BRKT-003	1
3	Straight Aluminum Adapter, -8 to 16mm x 1.50	AN816-8-M1615	2
4	150 Series 30 Degree Push-On Aluminum Hose End, -8	150-3008	2
5	Embossed Hose Clamp, 12mm - 22mm	EMSC-12-22	4
6	1/2" Barb Fitting, 90 Degree	HW-BF90-050	2
7	Bolt, M8 x 1.25, 45mm Long	95735A445	2
8	Bolt, M6 x 1.0, 30mm Long	HW-B6-30	1
9	Bolt, M5 x 0.8, 10mm Long	HW-B5-10	3
10	Flat Washer, M8 x 16mm OD	HW-FW8S	2
11	Flat Washer, M6 x 16mm OD	HW-FW6L	1
12	150 Series Push-On Hose, AN -8	150-08	41 inches
13	150 Series Push-On Hose, AN -8	150-08	41 inches
14	150 Series Push-On Hose, AN -8	150-08	3 inches

- Before installing any parts of this oil catch can kit, please read the instructions thoroughly.
- Verify the contents of this oil catch can kit before disassembling your vehicle.
- DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED. CONTACT <u>tech@hpsperformance.com</u> IMMEDIATELY. WE ARE NOT RESPONSIBLE FOR ANY DAMAGE CAUSED DUE TO IMPROPER INSTALLATION.
- Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.
- Do not attempt to install the catch can while the engine is hot.
- This installation may require removal of coolant lines that may be hot.
- For technical inquiries, please email us at tech@hpsperformance.com

#### PLEASE READ CAREFULLY BEFORE INSTALLATION!

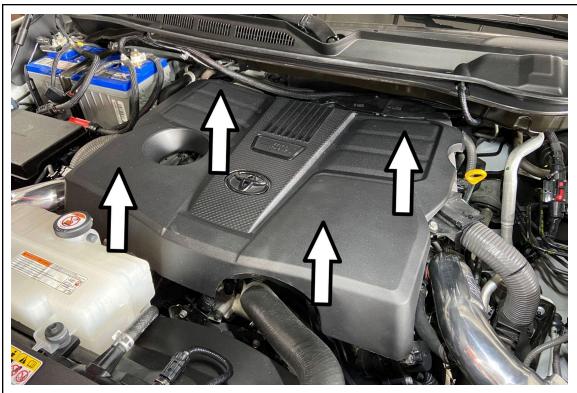
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.

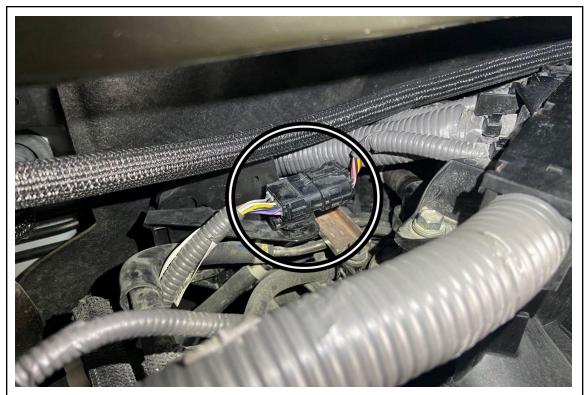
#### **GETTING STARTED**

1. Turn the ignition OFF and disconnect the vehicle's negative battery cable. If the engine has run within the past two hours let it cool down.

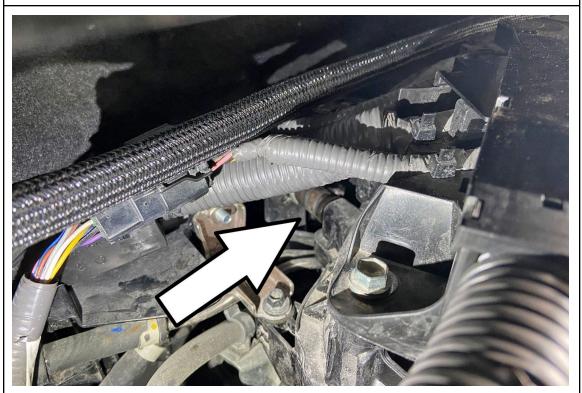
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicle's anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



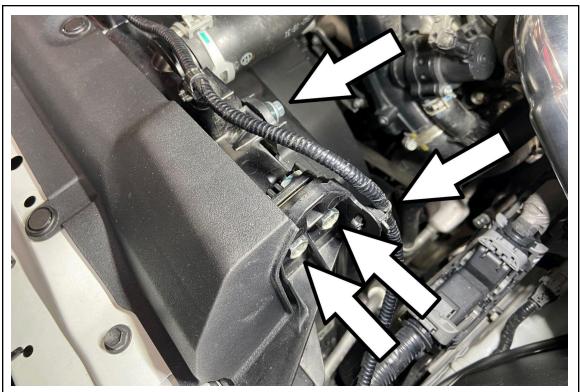
2. Lift and remove the engine cover from the vehicle.



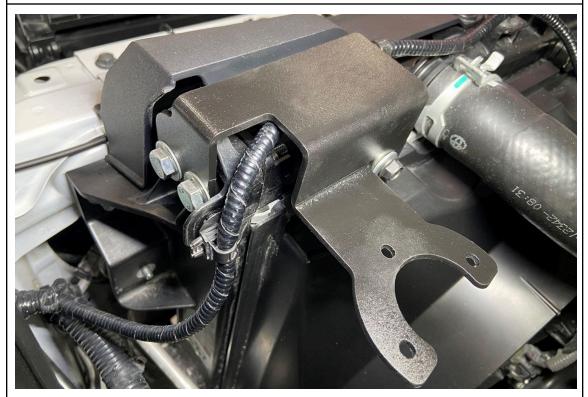
3. Unclip the electrical harness from the mount.



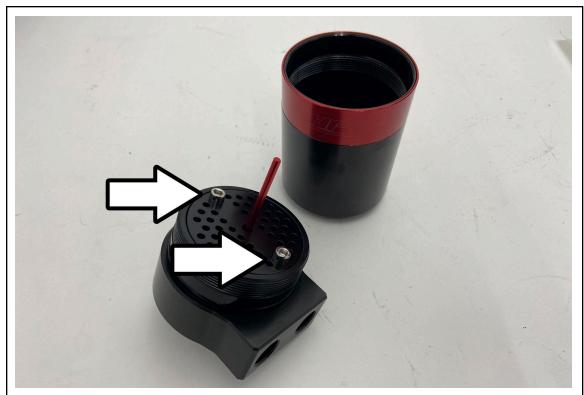
4. Depress the hose clamp and disconnect the PCV hose from the engine.



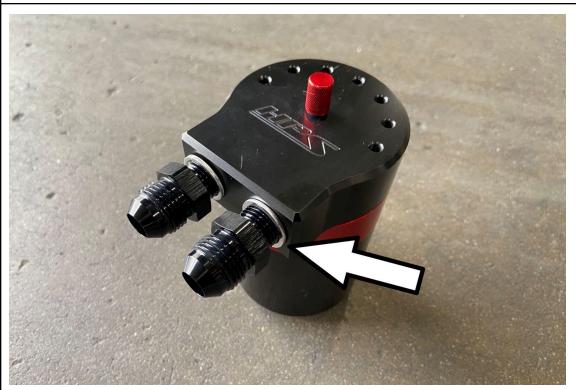
5. Unclip the electrical harness at the radiator shroud. Remove the two 12mm head bolts and the one 10mm head bolt securing the radiator shroud at the area indicated in the image above.



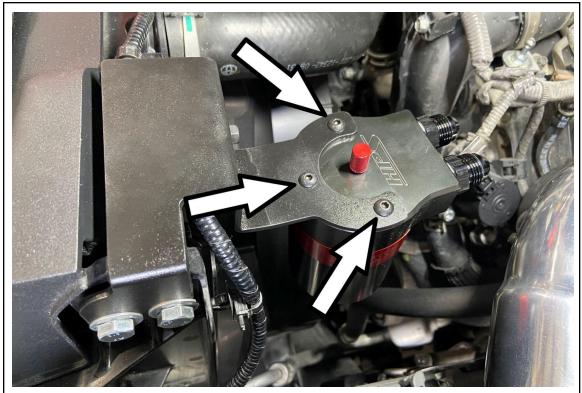
6. Secure the HPS oil catch can bracket onto the radiator shroud using the two provided M8 x 45mm bolts, two M8 washers, M6 x 30mm bolt, and M6 washer.



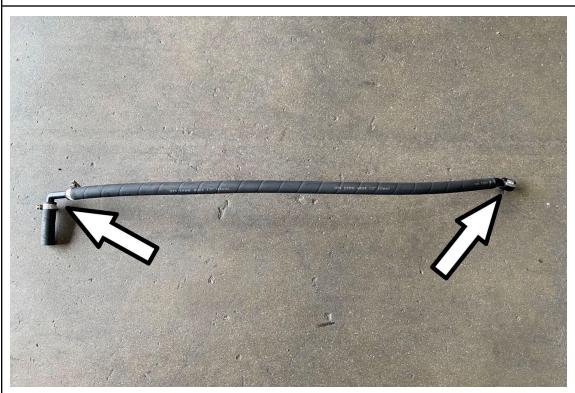
7. Unscrew the top of the HPS oil catch can and check that the Allen bolts are tight.



8. Secure the two -8 AN to M16 x 1.5 fittings along with the provided crush washers onto the HPS oil catch can.

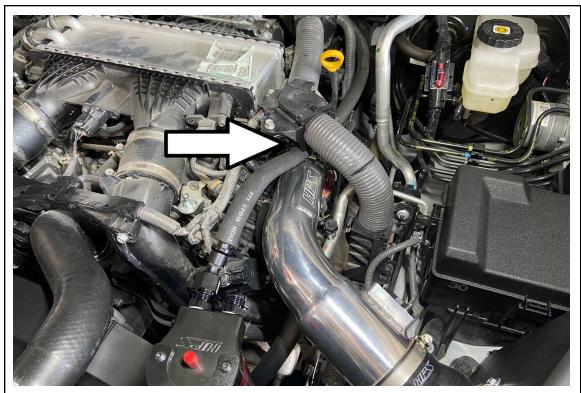


9. Position the HPS oil catch can and secure it to the bracket using the three provided M5 Allen bolts.



10. Push the provided 90 degree barb fitting into one of the long AN hose and secure it using an EMSC clamp. Push the short AN hose to the other end of the 90 degree barb and secure it using another EMSC clamp. On the other end of the long AN hose, push on the provided 30 degree -8 AN hose end fitting.

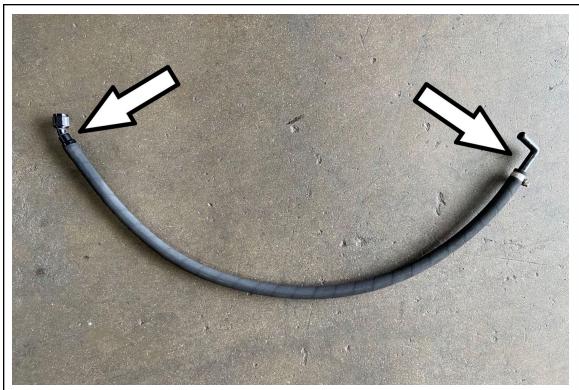
**NOTE:** Possible trimming will be needed for a proper fitment during the install.



11. Attach the 30 degree hose end to the oil catch can. Run the hose underneath the engine harness and to the back of the engine.

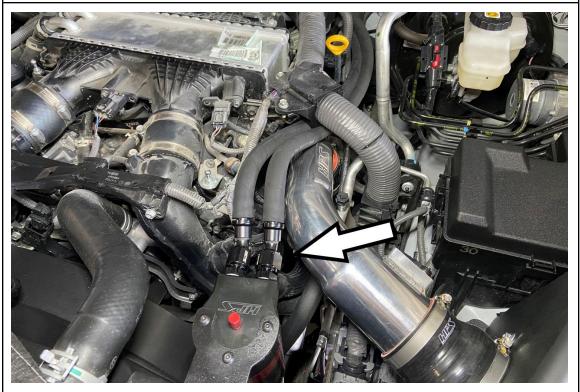


12. Secure the other end of the hose to the engine (where the PCV hose was disconnected in step 4) with the provided EMSC clamp.

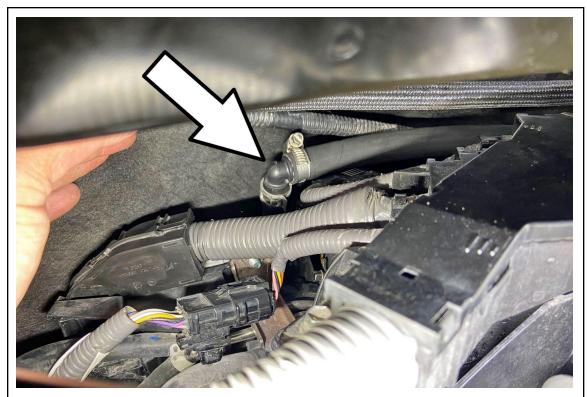


13. Push the second provided 90 degree barb fitting into one end of the second long AN hose and secure it using an EMSC clamp. On the other end of the hose, push on the second 30 degree -8 AN hose end fitting.

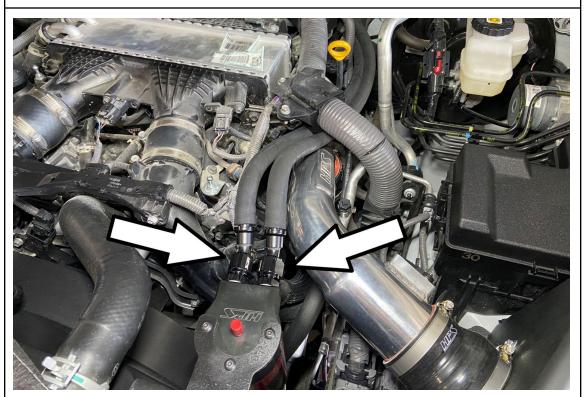
**NOTE:** Possible trimming will be needed for a proper fitment during the install.



14. Attach the 30 degree hose end to the oil catch can.



15. Run the hose underneath the engine harness. Push the barb fitting into the factory PCV hose and secure it using the factory clamp.



16. Rotate the AN fittings into position for proper clearance around neighboring engine bay components.



17. Reinstall the engine cover onto the vehicle.

#### **FINAL STEPS**

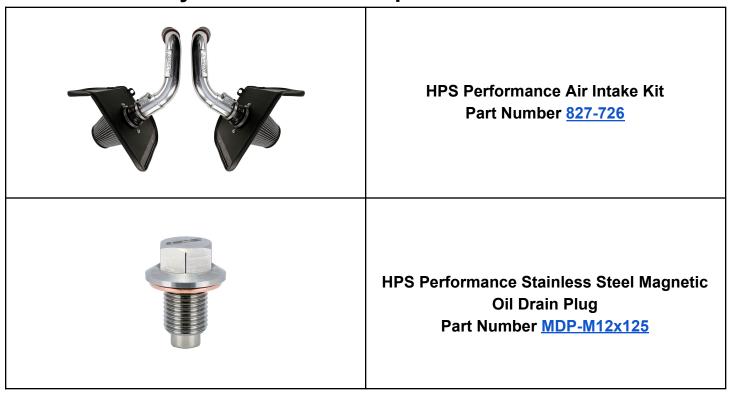
Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises or rattles prior to taking it for a test drive. If any problems arise, go back and check the hoses and clamps that may be causing the issue and correct the problem.

Ensure that the dipstick on the HPS oil catch can is fully seated. Failure to install the dipstick properly will result in a check engine light and poor performance.



## Also available for: Toyota 2022-2024 Tundra 3.4L Turbo & Toyota 2023-2024 Sequoia 3.4L Turbo



Contact an authorized HPS Performance dealer or visit us at <a href="https://hpsperformance.com">hpsperformance.com</a> for more details