

## **UPR Oil Catch Can Installation**

## 5030-124-1-ECSS Expedition

- 1. Remove the oil fill cap and engine cover.
- 2. Remove the OEM Plastic hose that connects the PCV valve to the intake manifold vacuum port.

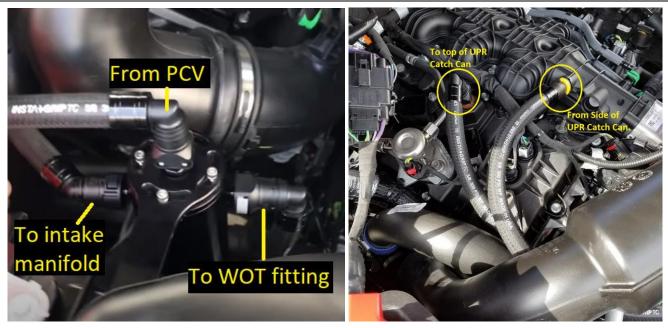


3. Locate the harness retaining stud on the top driver side of the fan shroud. Remove the Stud, and reinstall it through the catch can bracket to mount the catch can.



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- 4 The 'dirty line' with **no check valve** will connect from the passenger side valve cover PCV fitting to the top center fitting on the catch can
- 5 The 'clean line' will connect from the passenger side fitting on the catch can, to the intake manifold vacuum port. Be sure the arrow printed on the check valve is facing **away** from the catch can.
- 6 The last hose is the Wide Open Throttle hose. Connect the hose to the driver side port on the catch can and route it to the passenger turbo inlet tube. Be sure the arrow printed on the check valve is facing **away** from the catch can. Mark the location where the fitting on the hose will comfortably reach with some slack.

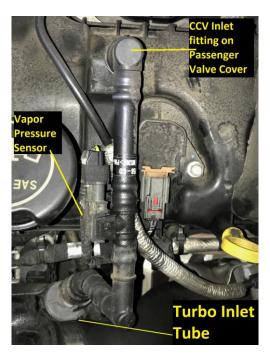


7 Remove the passenger side turbo inlet tube to prepare to drill and install the supplied grommet and fitting. The clamp on the coupler at the passenger turbo is easily accessed from the passenger front wheel well area.





8 Drill the hole at the location marked, avoiding any seams. Push the supplied grommet into the tube and push or twist the fitting into the grommet. You can use a short section of rubber hose to help grip the fitting. Reinstall the turbo inlet tube. After installing the inlet pipe you can now connect the WOT line.



9 Locate the Crankcase Vent tube (CCV) on the driver side valve cover.





10 Release the VPS tube fitting on the driver side valve cover. To do so, just flip the tab on the side of the fitting. Rotate the fitting in the VPS tube 90 degrees so that it faces the front of the truck. Push the VPS tube fitting onto the UPR CSS male Plug N Play fitting.



- 11 Install the CSS onto the Valve cover fitting by lifting up on the collar at the base, and then pushing down on the CSS. The collar will click when fully engaged.
- 12 Go back over the installation and recheck all connections. Reinstall the factory engine cover. Make sure the catch can mount is secure and all fittings are connected correctly. Be sure the arrows on the check valves face away from the catch can.

Always check and drain the catch can more often in winter / freezing weather. If the water/oil mixture in the catch can is allowed to freeze it will cause damage to the catch can and internal components. Any damage due to freezing is NOT WARRANTY.

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