



## Installation Manual

### Universal Oil Catch Can / Separator Kit

PFECCT-500BK



Included Items	QTY
PFECCT-500BK Billet Catch Can	1
PFECCT-500BK Dipstick	1
PFE400-08BK Black Push Lock Hose -08AN (1/2") 2m Length	1
PFE790-08BK -08AN ORB To 1/2" Barb Fitting	2
PFE814-08BK Low Profile Allen Key -08AN Plug	1
Stainless Steel Worm Gear Hose Clamp 16-22mm ID	2
M4 Stainless Steel Socket Head Cap Screws ISO 4762	5
Stainless Steel Mounting Bracket and Screws	1

**WARNING:** PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING. PROFLOW WILL NOT BE RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE INCORRECT INSTALLATION OF THIS PRODUCT. IT IS RECOMMENDED THAT A QUALIFIED AUTOMOTIVE TECHNICIAN PERFORMS THIS INSTALLATION.

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## Description

Proflow's universal oil catch can system traps excessive crankcase oil vapours and fluid from entering the engine and intake tract, usually caused by engine blow-by. This helps to reduce carbon build-up on the back of intake valves, reducing airflow and hurting engine performance. It features a thoroughly tested internal baffling system which divides the inlet and outlet of the catch can, separating oil particles from the fresh air which is then re-routed back into the intake tract. It is easily emptied by unscrewing the -08AN fitting plug.

**Note:** This catch can kit is designed for universal applications and may require modifications of the OEM crankcase ventilation system. The fittings provided can be unscrewed and replaced. Proflow offer a range of adapters and hoses in the case that the provided items do not suit your specific application. Please contact us if you are unsure.

## Typical Installation

1. Find a suitable location to mount the oil catch can away from hot engine parts that may affect the catch cans effectiveness. Ensure the can is mounted VERTICALLY to allow oil and other fluid particles to collect at the bottom of the tank.
2. A versatile stainless steel bracket is included in this catch can kit. This bracket can be unscrewed and rotated around the catch can in 5 other orientations to suit differing engine bays (as seen in figure 1) and can be bent 90 degrees if required.



Figure 1: Varying bracket orientation examples

3. Once you have found a suitable location to mount your catch can, identify your vehicles PCV system and its corresponding feed and return lines. Most vehicles will have an air oil breather outlet coming from the valve cover and is usually routed to a point in the air intake system. These valves or connections may need to be modified.
4. Once these valves are located, cut the provided push lock hose to the correct lengths to reach each valve. Either port on the catch can can be used as an inlet or outlet.
5. Attach one hose from the vehicles crank case system to one of the ports of the catch can. Attach the other hose to somewhere along the intake valve of the vehicle and route it to the second barb on the catch can. Fasten the hose on the catch can with the supplied stainless steel hose clamps.
6. Using the oil dipstick, check the oil fluid level occasionally and empty the catch can before the oil level is three quarters up the dipstick (any higher will affect the catch cans effectiveness). Empty it by unscrewing the plug located at the bottom of the catch can. The reusable baffling assembly is constructed from anodised 6063 aluminium and can be removed and cleaned with water and degreaser.