



Shelby OS-1 Oil Separator

Installation Instructions - S197-1050

Application: Ford & Shelby Mustangs

Kit Contents	Description	Qty
	Shelby OS-1 Oil Separator	1

NOTES:

Read All Instructions Before Beginning Installation

Tools Needed:

Hose cutter, razor blade, or large side cutting pliers

3/4" Wrench

Heat gun or Blow dryer

Safety glasses (please wear at all times during installation)

Hose Crimp tool or similar pliers



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Installation Instructions

Step 1: Turn key to the off position and remove from ignition, making sure vehicle is in park/neutral and the parking brake is set on a flat, level surface. Open, raise & support hood.

Step 2: Using thread sealer or similar on threads, thread barb fittings into oil separator & tighten.

Step 3: Locate the rigid plastic PCV Hose going from the PCV Valve (located on the top of the valve cover, normally on the passenger side on the GT500) to the intake manifold. This hose will enter the intake AFTER the throttle body. The one that enters the air intake prior to the throttle body is the INTAKE side, and is only to be used only if you are installing two separators.

Step 4: Select the location in the PCV hose where you would like to install the Oil Separator and measure out a 2" section to be removed.

Step 5: Cut out the 2" section.

Step 6: Loosely install the factory-style clamps on each section of hose still attached to vehicle.

Step 7: Using a blow dryer or heat gun, heat each end of the hose one at a time to make it more pliable, and install the separator with the logo facing the outside of the vehicle. This will normally provide the proper flow direction to capture oil. If you would like to double-check the flow – the side going to the PCV valve (valve cover side) should have the small hole in the bottom of the separator head, and the large opening should be leading to the intake manifold.

Step 8: Using a hose clamp crimper or similar tool, slide the hose clamps to where the barbed fittings now are placed and crimp into place.

Step 9: This completes the installation. Oil separator should be checked regularly, and captured oil either recycled back into the engine crankcase or disposed of properly.

