

Steeda Oil Separator Kit

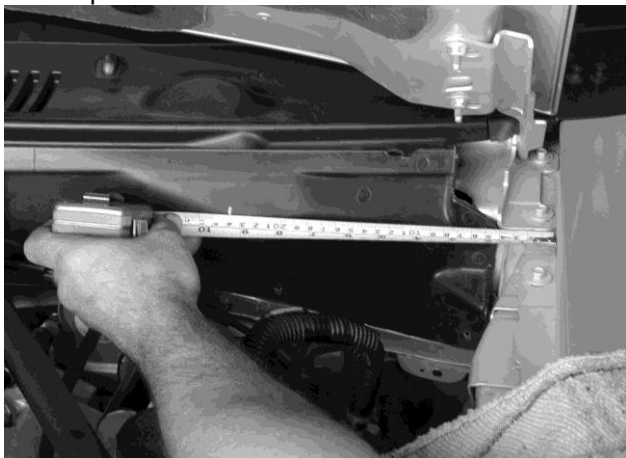


Installation Instructions

Aerated oil enters the intake track through the PCV valve, which contributes to the formation of deposits on the valves. Steeda's oil separator collects the aerated oil, reducing both oil deposit formation and detonation resulting from oil contaminated intake charge.

The oil separator plugs into the PCV hose, between the PCV valve and the intake manifold. It removes oil from the air vented from the crankcase, and collects it in a tube that can be drained and recycled.

Note: These instructions outline installation on a '03-'04 Cobra. Installation on other vehicles will follow the same general procedure, i.e. plug the oil separator into the PCV hose and find a place to mount the oil separator.



1. Measure 9&1/2 inches from the inner edge of the fender and mark the plastic panel on the firewall.
2. Assemble the oil separator in the mounting bracket. Don't tighten the screws yet. Hold the assembly up to the firewall and center the bracket it over the mark you made on the firewall. Check hood clearance and make sure you will have enough room to drain oil from the bottom of the separator. Once you have determined the best spot, mark the position of the bracket on the firewall.
3. Remove the oil separator from the mounting bracket. Position the bracket on the firewall and mark the spot to drill holes for the mounting screws.
4. Drill two 3/16" holes in the plastic panel for the mounting bolts.
5. Remove the bolts from the plastic firewall panel on the driver's side. Pull up the weather stripping from the top of the panel and also remove the plastic pushpin retainers.
6. Carefully pull forward on the panel so you can reach behind it to install the wellnuts on the bracket screws. Install the bracket to the panel with the supplied screws and wellnuts.



7. Attach the oil separator to the mounting bracket with the supplied screws. **The arrow on the separator indicates the direction of flow.** This will be important when you attach the hoses.
8. Unplug the hose from the PCV valve on the valve cover, then remove the plastic 90 degree elbow from the hose.



9. Insert the 90 degree elbow into the end of the supplied hose. Reconnect the hose & elbow to the PCV valve. Connect the other end of the hose to the **inlet side** of the oil separator (as indicated by the direction of the arrow on the separator). *****Hose must be trimmed to length, 1 long length is supplied*****
10. Connect the other hose to the outlet side of the separator. Attach the other supplied hose to the factory PCV hose with the supplied straight connector. Connect the other end of that hose to the **outlet** side of the separator.
11. Now that you know where each hose will go, trim the hoses to length as necessary for a cleaner installation. Leave a few inches of slack in the hose to allow for movement of the engine.
12. Reinstall the screws, pushpins and weather stripping on the plastic firewall panel.
13. Periodically check the oil separator for oil and drain if needed.



Note: Do not attempt to remove the sticker from the plastic bowl using harsh chemicals. Damage and or discoloration will occur.