



Installation Instructions: AAD Performance AOS S550 Mustang

*Read all instructions before beginning work.
Following the instructions in the proper sequence
will ensure the best and easiest installation.
Contact us at sales@allanglesdesign.com for
questions or comments about the installation
process.*

Caution! Installing this product
requires disassembly of some
emissions components. If you
are not confident you can
complete the job safely, have
the work performed by a
certified technician.



TOOLS REQUIRED:



- 13 mm Socket or Wrench
- 10mm Socket or Wrench
- 5/32" Allen Wrench
- Pliers
- 7/16" Wrench




KIT CONTENTS:


- Assembled AOS with bracket
- 2 x Billet plugs
- 2 x Billet ½ inch hose barb fittings
- 2 x OE style push lock PCV fittings
- 2 x Replacement Bolts
- 3 x Aluminum spacers
- 1 x Spare oring and screw kit

ITEMS TO PURCHASE:

- Oil resistant/PCV hose

<p>1.</p>	<p>Your parts arrive already assembled except for the fittings and bracket. When looking at the catch can inlet/outlet holes, please screw the plugs in the top left and bottom right holes, with the reservoir portion of the can downwards. Screw the hose barb fittings in the top right, and bottom left. Note: none of the fittings in this system are designed to be more than hand tight, or the o-rings will be forced out of their designed locations.</p>	 <p>The image shows a black cylindrical catch can with a silver metal bracket attached to its top. The bracket has a stylized 'A' logo. There are several fittings on the can: a black hose barb fitting on the top right, a silver plug on the top left, and another silver plug on the bottom right. A black electrical plug is also visible on the left side of the can.</p>
<p>2.</p>	<p>Remove the plastic trim covering the radiator support. This is held in place by a series of plastic clips and 10mm head bolts. Next remove the passenger side upper radiator support bracket FoMoCo Part# FR33-8K202-AC. Remove the rubber Isolator from the OE radiator support bracket, this can be done easily with your thumbs or a flat head screwdriver. Install the rubber isolator into the laser cut stainless steel radiator support/ AOS mounting bracket.</p>	 <p>The image shows a close-up view of a laser cut stainless steel radiator support bracket installed on a vehicle's engine bay. The bracket is mounted to the radiator support structure and is secured with several bolts. A rubber isolator is visible on the bracket, and the overall assembly is part of the AOS (Aftermarket Oil Separator) mounting system.</p>

<p>3.</p>	<p>Using the supplied 1/4"-20 hardware, attach the catch can(AOS) to the stainless mounting bracket with a 5/32" Allen Wrench an 7/16" Wrench</p>	
<p>5.</p>	<p>Now install your AAD Performance AOS/bracket, re-using the factory radiator support bracket hardware.</p> <p>DO NOT OVER TIGHTEN THESE BOLTS, SNUG IS TIGHT ENOUGH!</p>	
<p>6.</p>	<p>Measure the length of hose required to connect the "dirty" side to the catch can; and the can to the intake manifold.</p> <p>Due to variance in engine size and aftermarket upgrades, there is no one size fits all hose length. Add a couple inches of hose to the length you require to ensure enough slack to account for motor movement.</p>	

<p>This ½” PCV hose is not included in the kit (available at almost every auto parts store)</p> <p>Using the supplied push lock fittings Route the dirty side (passenger side valve cover) to the ½” barb in the bottom of the AAD AOS can body, And route the clean side from the top side of the AAD AOS can body to the port in the intake manifold</p>	
<p>7. Replace the plastic radiator cover with the factory plastic clips/bolts</p> <p>Important: You can reclock the ports on the can by removing the 3 allen heads in the top of the can BE CAREFUL THE O-RINGS SEAT WHEN YOU REINSTALL THE PARTS BACK TOGETHER.</p>	
<p>Care and Maintenance: These parts require little ongoing care or maintenance. We do recommend checking the oil level in the can after 1000-2000 miles to get a feeling for the volume of oil that you are going to remove from the system. In normal circumstances it should only require emptying at oil changes.</p>	



CONGRATULATIONS! You have completed the installation of your AAD Performance S550 Air Oil Separator! If you have questions or comments about the installation, please email sales@allanglesdesign.com or contact us on our Facebook Page at [facebook.com/AllAnglesDesign](https://www.facebook.com/AllAnglesDesign) We sincerely thank you for your purchase and hope you enjoy this and other AAD Performance products.