



## CP Single Chamber (V2) Air/Oil Separator Kit Universal

### S0712-1 Parts List

Item #	Qty	Description
S0708-1	1	V2 Air/Oil Separator Unit for Universal Application
F0365	1	Crank Case Breather Connector "Y"
F0370	1	5/8" PVC "T" Fitting
H0478	36"	1/2" Ventilation Hose: to ports #1 & #3
H0479	100"	5/8" Ventilation Hose: ports #6 & #2 / T fitting
H0480	60"	1/2" Heater Hose: to ports #4 & #5
C0265	12	S/S Worm Clamps for Hoses
C0250-1	1	3.5" Clamp to Hold Applicable Bracket to Canister
S0777-5	20"	Fire Sleeve for hoses close to turbo
S0501	4	Sheet Metal Mounting Screws
Z0108	4	8" Zip Ties



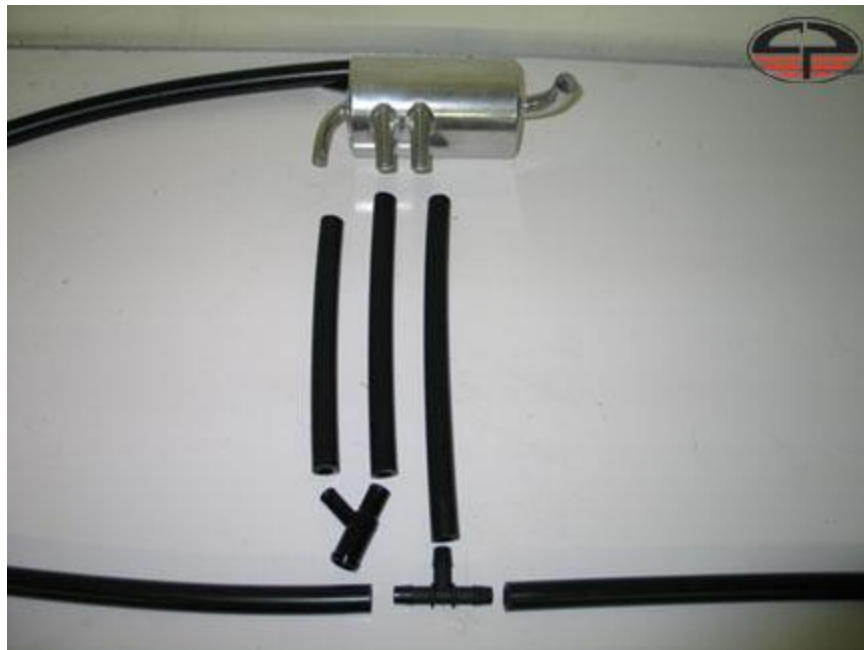
We recommend your AOS be installed by a professional.



Example overview picture of the air / oil separator location, hoses and mounting point



Below: Layout for accompanying parts, including One “T” fitting, One “Y” crank case breather vent, and five hoses, and one silicon hose (coolant lines not shown).



## Installing the Air / Oil Separator



Above is the basic layout of the hoses and connectors. Note the “Y” connects to the crank case breather. The large 3/4" hose connects to the top of the Crawford Air /Oil Separator and routes over the to intake pipe.

- Replace the factory vent breather “Y” with the one Crawford provides. If your car has an electronic sensor connected to the stock breather, LEAVE it connected and move the breather to another location and let it sit on top of the block. This will prevent a CEL from coming on.
- Cap the PVC bypass (located under the throttle body). Some people weld the check valve and others use a threaded stopper.
- The top inlet hole on the side of the separator T-s to the engine breathers on the heads. -
- The middle inlet hole connects to the top of the crank case breather “Y”.
- The bottom of the separator drains the oil back into the side of the crank case breather “Y”.

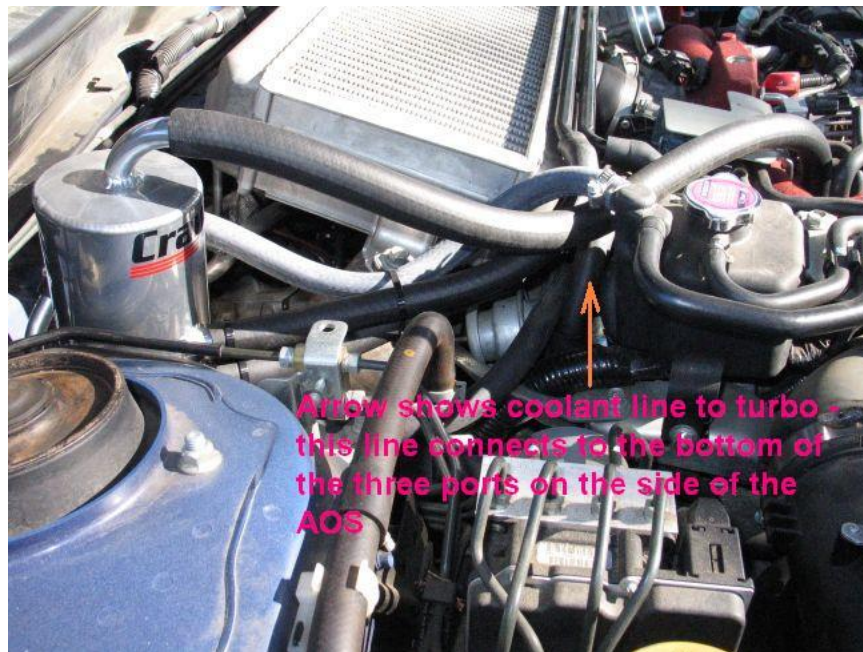
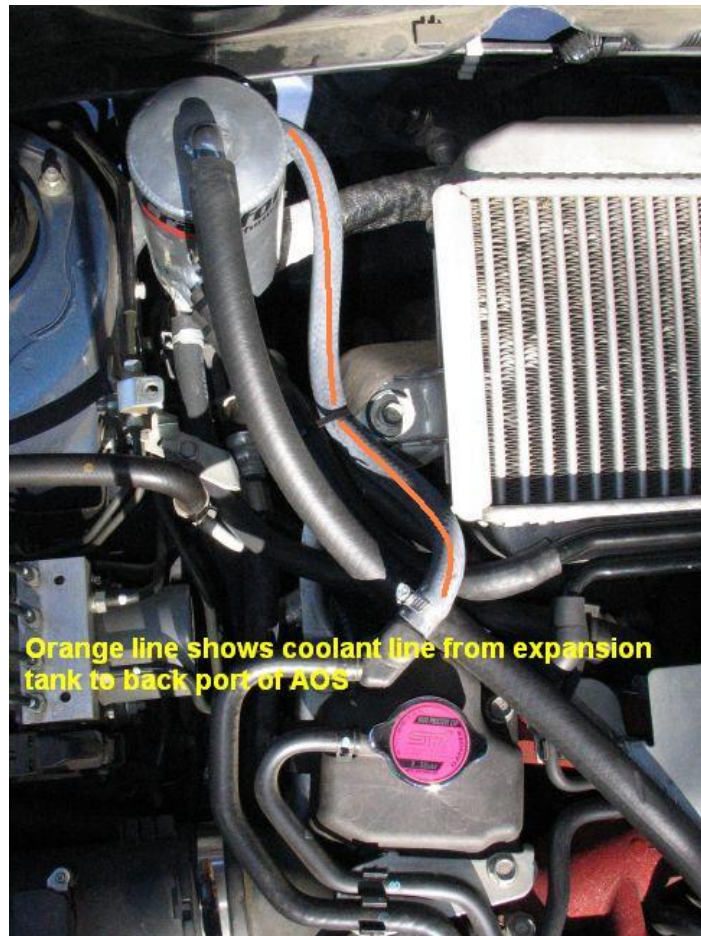




On the passenger side head, connect the hose for the air/oil separator on the front exhaust port of the head, closest to the AVCS controller.



On the driver's side head, connect the hose for the air/oil separator on the front exhaust port of the head, closest to the AVCS controller. Both sides of the head will connect to the "T" and that connects to the top inlet hole on the Air/Oil Separator.





Remove a 1/2" existing coolant line. With most of our V2 kits, this is the line that runs from the expansion tank to the turbo.

Route one open port to port #4 on the AOS (port with ridges), and the other to port #5 on the AOS (port with ridges), using the supplied 1/2" heater hose. Cover any hoses with fire sleeve that are running close to a heat source such as a turbo or exhaust.