



**CP Dual Chamber (V3) Air/Oil Separator
2013-Present Subaru BRZ / Scion FR-S / Toyota GT86/86 (FA)**

S0711 Parts List & Installation Instructions

Item #	Qty	Description
S0704	1	V3 Air/Oil Separator Unit (FA)
H0478	19"	1/2" Ventilation Hose: from port #2 to Crankcase
H0478	18"	1/2" Ventilation Hose: from port #1 to Intake
H0478	5"	1/2" Ventilation Hose: from port #3 to Intake Manifold
C0265	6	S/S Worm Clamps for Hoses
Z0108	2	8" Zip Ties

We recommend that you have your Air/Oil Separator installed by a professional.



Remove the two inside bolts on the stress bars



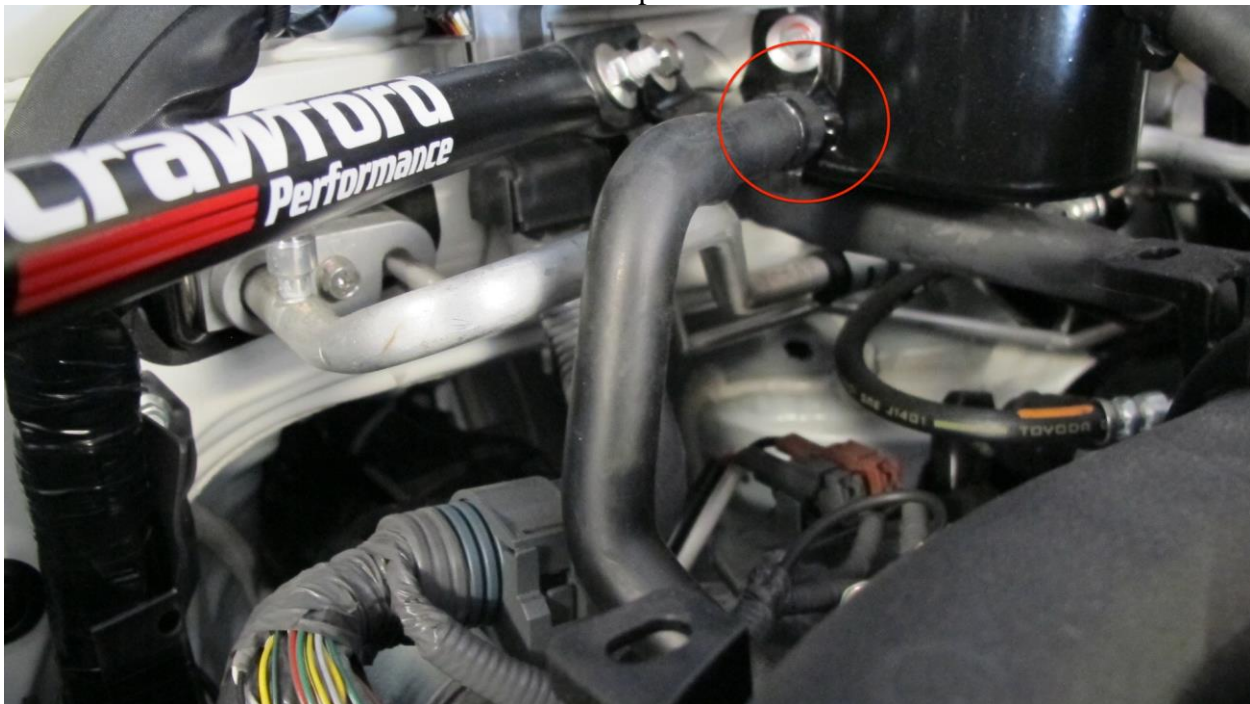
Locate the Air Oil Separator so that the mounting bracket lines up with the stress bar bolts and bolt on the Air Oil Separator unit.



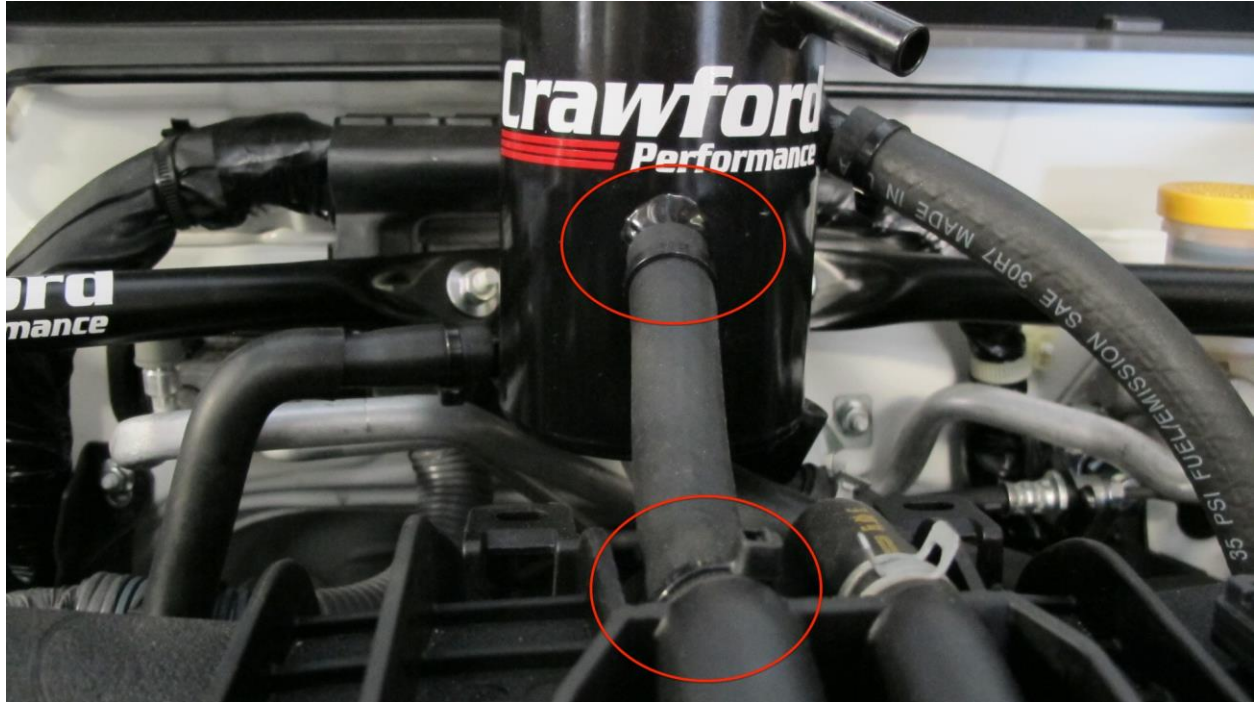
Remove the D-45 cover to expose the hoses and disconnect the PCV hose
ONLY from the left port



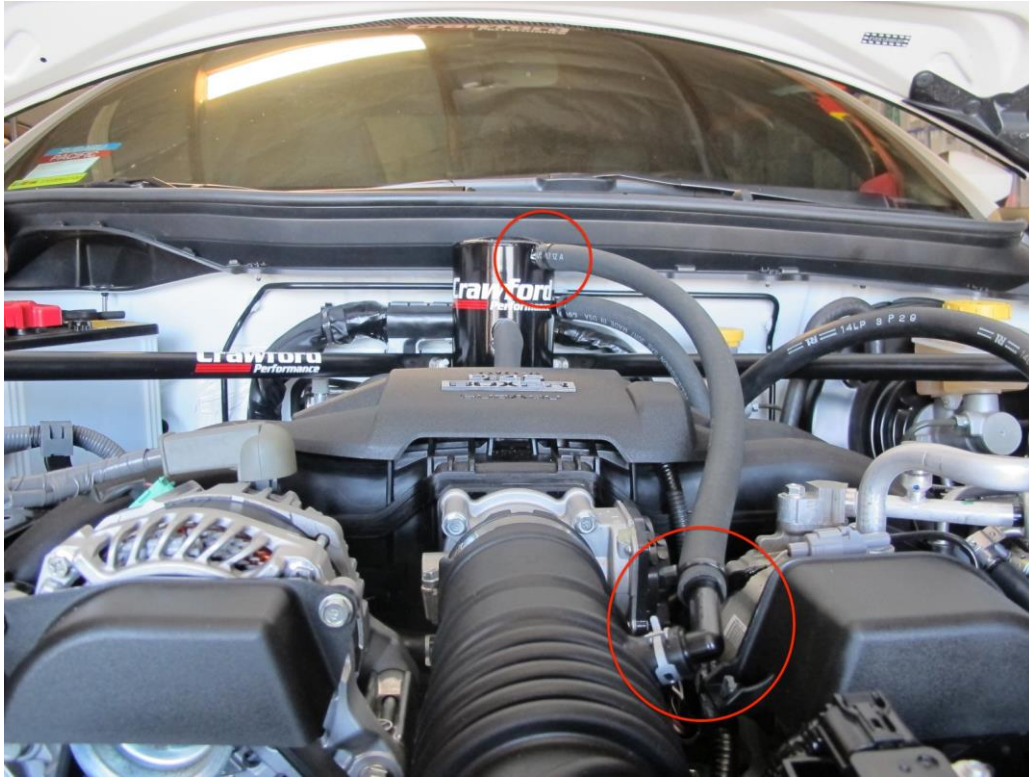
Connect the PCV hose to the left side port of the Air Oil Separator and zip tie the hose to the AOS port



Take the 5 inch hose and connect the middle port of the Air Oil Separator to the open left port on the manifold and zip tie both ends

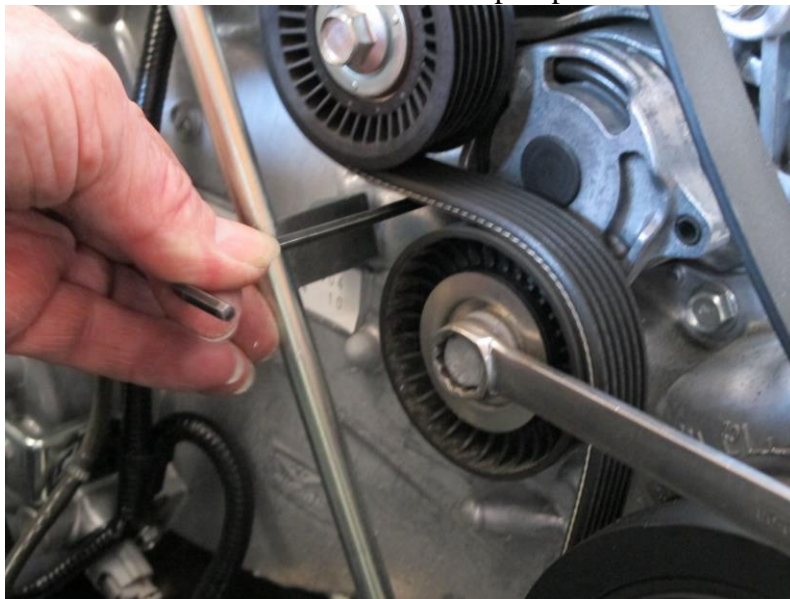


Remove the hose connected to the intake tube before the throttle body and replace it with the 17.5inch hose. Connect it to the top right port of the Air Oil Separator and zip tie both ends.



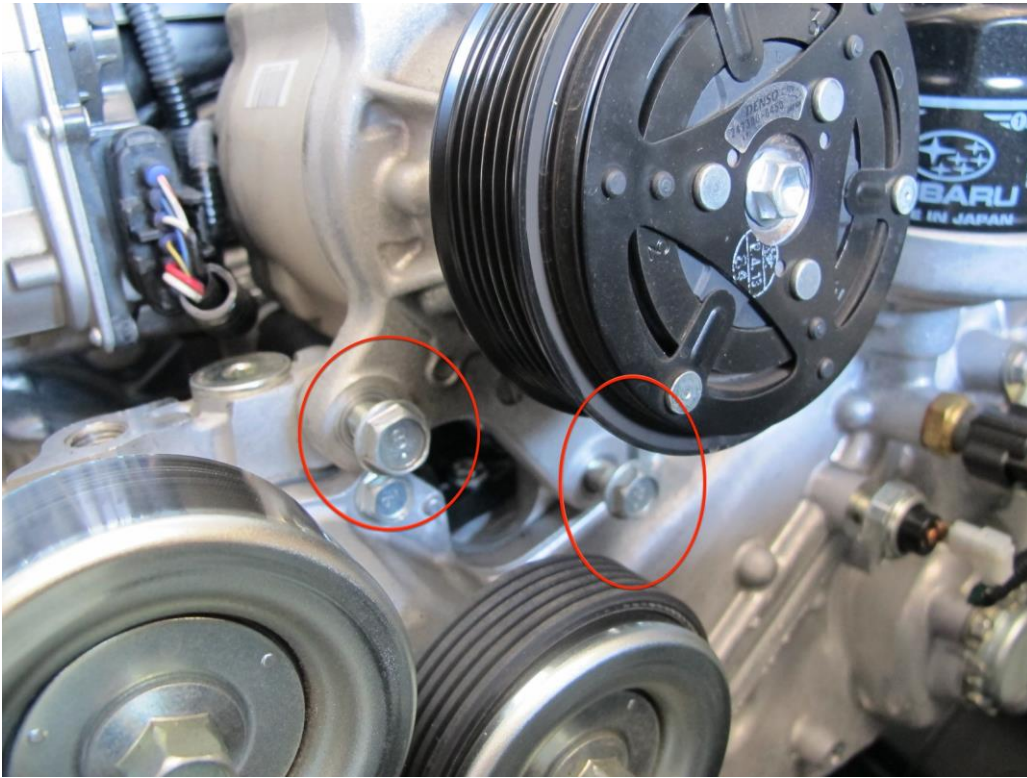
*** To install the final 19 inch hose you will need to remove the AC pump ***

Use a 14mm wrench to remove tension from the belt. Place a 3mm allen wrench inside the locking hole between the top and bottom pulley to hold the tensioner in place. Remove the belt ONLY from the AC pump.

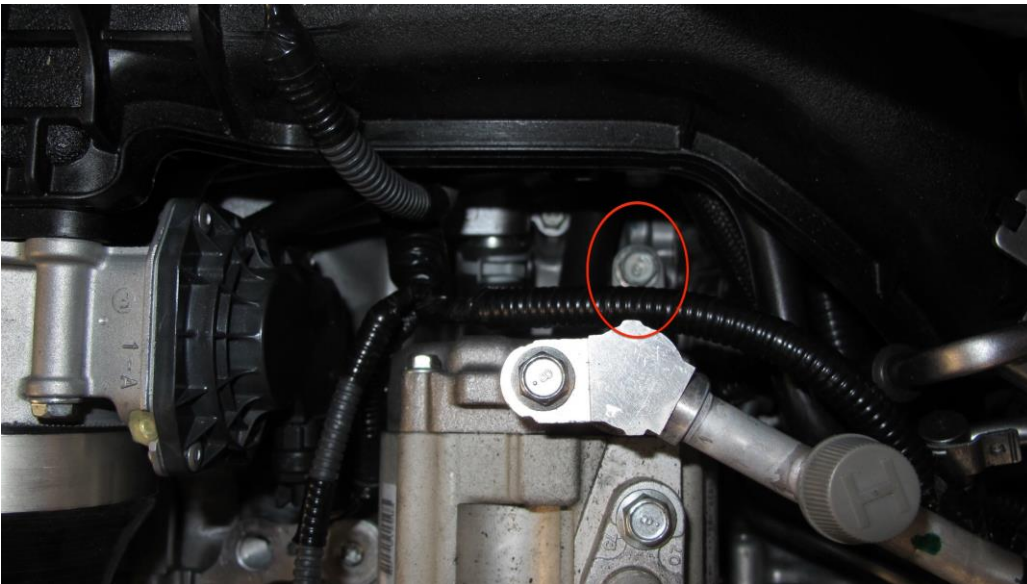


Use a 14mm socket to remove the 3 bolts from the AC bracket (2 front, 1 rear)

FRONT



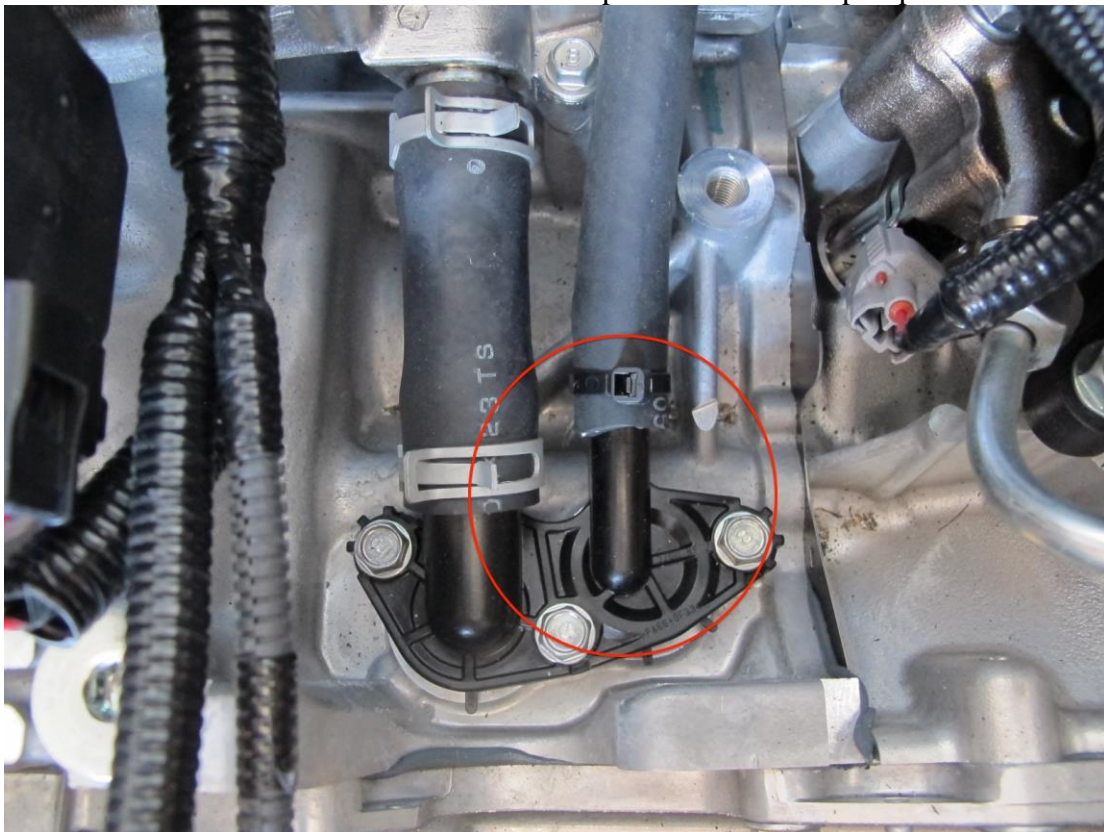
REAR



Rotate the AC pump down and out of the way to expose port for the 19inch hose. Remove the open hose connected to the right port. (Originally was connected to the intake tube)



Connect the 19inch hose to the port under the AC pump



Run the 19inch hose under the intake manifold to the bottom right port on the Air Oil Separator and zip tie both ends.



Place the AC pump back in its location and bolt it down to the block. Put the belt back on the AC pump and remove the allen wrench. Allow the tension back into the belt and remove the wrench.

*** Addition adjustments to the D-45 cover may be needed ***

File or cut a hole in the D-45 cover ½ inch in height by ½ inch in width
(Cover in picture shown with prototype cut specs)

