

Parts List

- (1) Air Oil Separator body
- (2) 90 degree barbed fittings
- (1) Stainless Steel Bracket
- (1) Billet Clamp
- $(4) \frac{1}{4} 20 \times \frac{5}{8}$ SHCS
- (1) 21" long ½" hose
- (1) 14" long ½" hose

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Step 1: Locate PCV line on passenger side of vehicle, runs from valve cover to intake.







Step 2: Remove PCV line from vehicle.







Step 3: Remove insulation from PCV line by slicing / cutting with razor blade.







Step 4: Cut / slice PCV tubing from fitting using razor blade as shown.



45 Degree Fitting



90 Degree Fitting



Step 5: Using 45 degree fitting and 21" long hose, assemble by pushing hose over nipple as shown in above and below illustrations.







Step 6: Repeat step 5 using 90 degree fitting and 14" long hose.



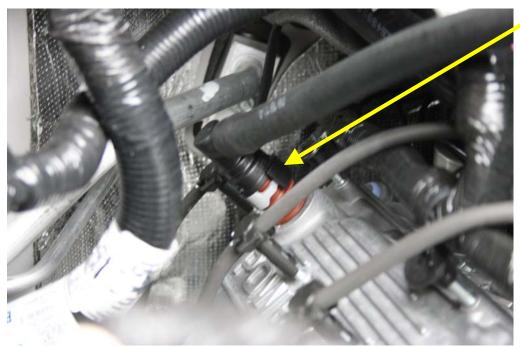




Step 7: Using 45 degree fitting / hose assemble re-install fitting over intake nipple.

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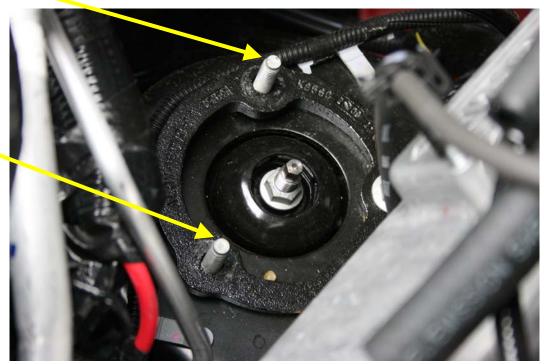


Step 8: Using 90 degree fitting hose / hose assembly re-install fitting over valve cover nipple.



Step 9: Locate strut tower mounts on passenger side of vehicle.





Step 10: Remove (2) mounting nuts as shown.

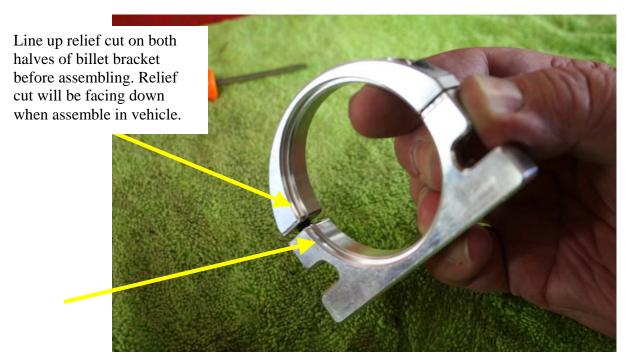


Step 11: Place stainless steel bracket over strut tower bolts.





Step 12: Install and tighten strut tower mount nuts.

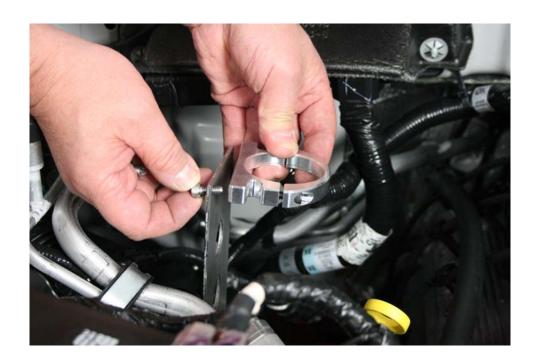


Step 13: Thread (2) ¼ -20 x 5/8 SHCS into billet clamp, do not tighten. (Bottom of clamp shown)





Top of billet clamp shown (No relief cut shown)







Step 14: Assemble billet clamp and stainless steel mount as shown using (2) $\frac{1}{4}$ - 20 x 5/8 SHCS.



Step 15: Assemble Air Oil Separator as shown applying Teflon tape to all fittings.

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Step 16: Insert Air Oil Separator into billet clamp.



Step 17: Measure 1" down from top of Air Oil Separator and face barbed fitting toward valve cover / intake.





Step 18: Tighten socket head cap screw. Make sure bottom cup can be un-screwed from top, if bottom cup can not be un-screwed loosen socket head cap screw and lower Air Oil separator.



Step 19: Route hose from valve cover to rear fitting of Air Oil Separator and insert hose over barbed fitting.







Step 20: Route hose from intake to front fitting of Air Oil Separator and insert hose over barbed fitting.







Installation complete







To empty Air Oil Separator un-screw bottom cup, dump collected oil / fluids and reinstall.



Draining of Air Oil Separator is needed; this will depend on driving conditions (i.e.) normal day to day driving check every 1,000 miles until a baseline is established. A good baseline is to drain the Air Oil Separator when it is about HALF full. This will vary with temperatures (cold winters vs. hot summers). For track usage Air Oil Separator will need to be drained after every outing.