

Parts List

- (1) Air Oil Separator
- (1) Billet Clamp
- (1) Stainless Steel Mounting Bracket
- (2) Lengths of ½" Hose
- (2) Lengths of 5/8" Hose
- (2) Nylon Couplings
- (1) 90 Degree Barbed Fittings
- (1) Straight Barbed Fitting
- (1) ½-20x1" SHCS
- $(2) \frac{1}{4} 20x5/8$ SHCS
- (1) 6mm Stud
- (1) 6mm Nut
- (1) Ball Valve
- (1) 90 Degree Drain
- (1) Drain Cap





Step 1: Remove engine cover.



Step 2: Locate and remove PCV line.







Step 3: Cut outer jacket from PCV line.







Step 4: Using a razor blade slice PCV hose, and remove fittings.

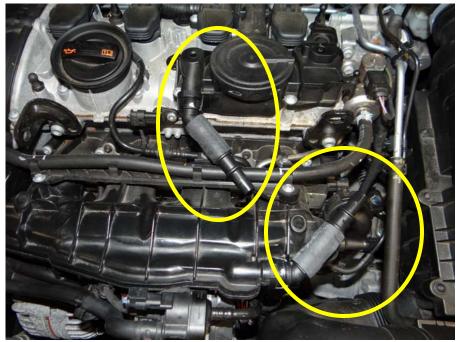






Step 5: Using short lengths of 5/8" hose, and nylon couplings provided in kit assemble as shown.



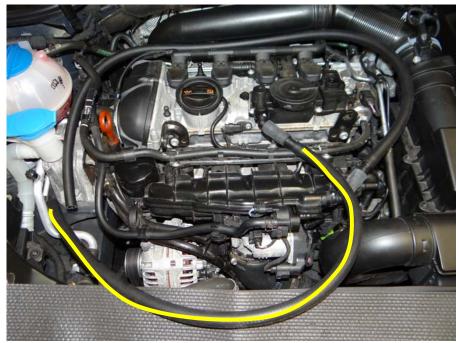


Step 6: Re-install fittings to valve cover, and intake manifold as shown.



Step 7: Using ½" x 48" long hose provided in kit insert over nylon coupling nipple and route as shown.





Step 8: Using ½" x 32" long hose provided in kit insert over nylon coupling nipple and route as shown.



Step 9: Locate mounting point on passenger's side of vehicle.





Step 10: Install 6mm stud.



Step 11: Assemble billet clamp to stainless mounting bracket as shown using (2) $\frac{1}{4}$ 20x5/8 SHCS.





Step 12: Install billet clamp assembly as shown using 6mm nut.



Step 13: Assemble Air Oil separator as shown using Teflon tap on all fittings.





Note: Be sure ball valve is in the closed position.

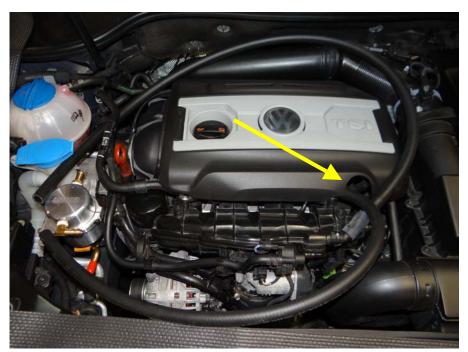


Step 14: Insert Air Oil Separator into billet clamp.





Step 15: Orient as shown and tighten clamp pinch bolt.



Step 16: Re-install engine cover and route hoses as shown.





Step 16: Install hose to Air Oil Separator, trimming of hoses will be required.





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.

There are several different methods to draining Air Oil Separator. The first and simplest method is to place a cup or MOROSO part # 65805 under drain elbow and open ball valve, once draining is complete close ball valve. The second method is to run a length of $\frac{1}{2}$ " hose from elbow to under carriage of vehicle and place drain pan under vehicle at this time open ball valve, when draining is complete close ball valve. This hose may also be permanently installed for future draining.