



Parts List

- (1) TANK BODY
- (1) BILLET CLAMP
- (1) BALL VALVE
- (1) 90 DEGREE DRAIN
- (1) STAINLESS STEEL MOUNT BRACKET
- (1) 90 DEGREE BARBED FITTINGS
- (2) LENGTHS OF 3/8" TUBE
- (4) 1/4 X 20 BHCS X 5/8
- (2) 1/4-20 NUTS
- (1) STRAIGHT BARBED FITTING
- (2) 1/4 X 20 X 3/4 SHCS



Step 1: Assemble barbed fittings as shown using Teflon tape



Step 2: Assemble billet clamp 1 1/8" down from top of Air Oil Separator, using (2) 1/4 X 20 X 3/4 SHCS, making sure bottom can be un-screwed from top



Step 3: Assemble billet clamp and stainless mounting bracket using (2) $\frac{1}{4}$ x 20 x $\frac{5}{8}$ BHCS



Step 4: Mark location of mounting holes on passenger side firewall (2) places

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Step 5: Center punch hole locations previously marked



Step 6: Remove (2) mounting bolts from windshield washer bottle



Step 7: Drill first 1/4" hole at marked location



Step 8 Drill Second 1/4" mounting hole at other location

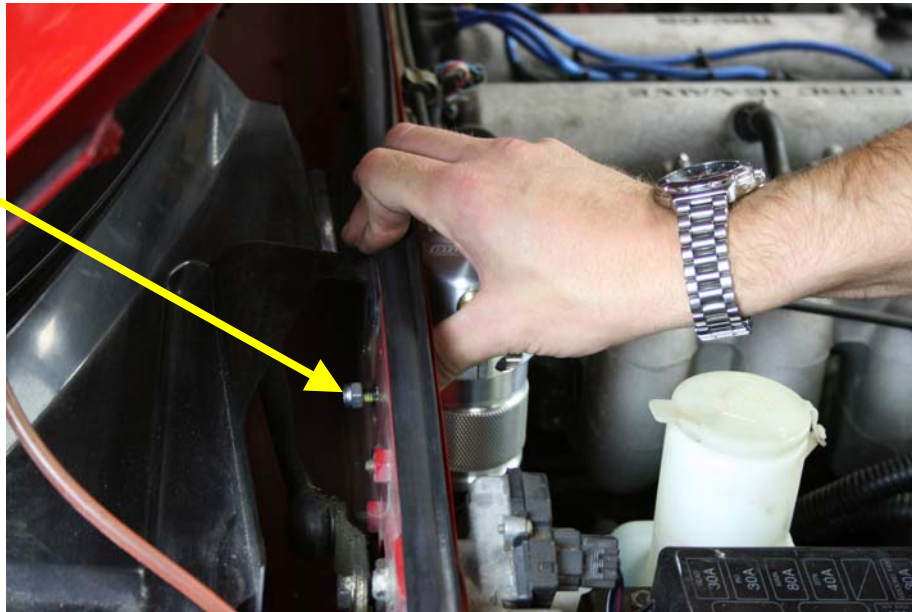


Step 9: Reinstall windshield washer tank mounting bolts

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Step 10: Install Air Oil Separator using (2) $\frac{1}{4}$ x 20 x $\frac{5}{8}$ x BHCS



Step 11: Install and tighten (2) $\frac{1}{4}$ x 20 nuts on backside of firewall

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Step 12: Locate PCV line



Step 13: Remove hose clamps



Step 14: Remove PCV line from vehicle and remove hose clamps for re-use



Step 15: Install (1) hose clamp on one end of 19" hose



Step 16: Install hose over PCV nipple and install hose clamp



Step 17: Install other end of hose to Air Oil Separator as shown





Step 18: Install (1) hose clamp on one end of 19" hose



Step 19: Install hose over nipple and install hose clamp

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Step 20: Install other end of hose to Air Oil Separator as shown
Installation complete

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To empty Air Oil Separator, unscrew bottom, dump collected oil and re-install



Be sure that o-ring is in place before re-installing bottom

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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 ½" 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.