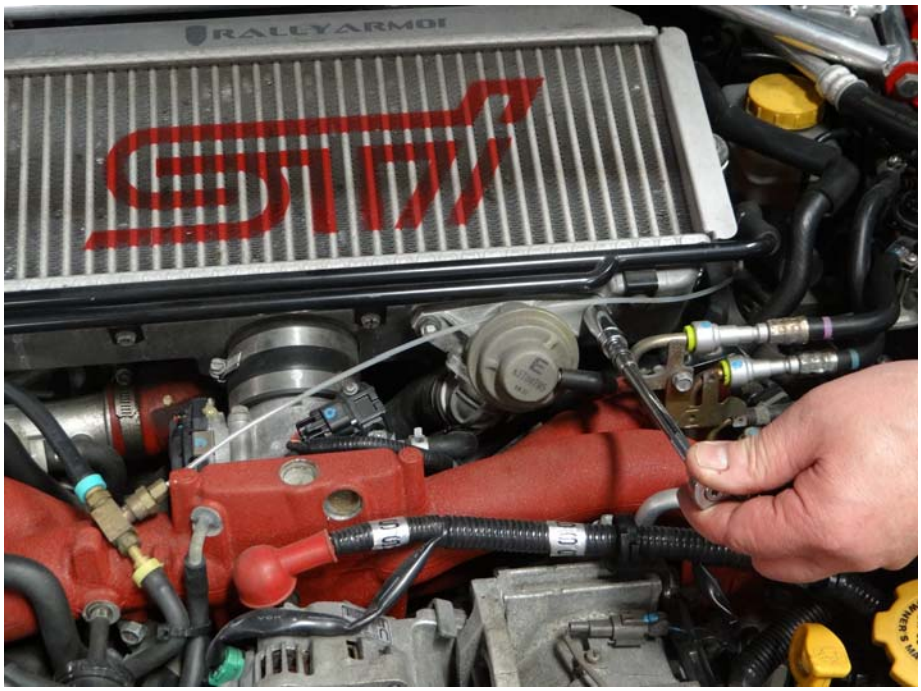
Parts List

2) TANK BODY
2) BILLET CLAMPS
2) BILLET CLAMP SADDLES
1) STAINLESS STEEL BRACKET
2) 90 DEGREE 3/8” BARBED FITTINGS
2) 90 DREGREE ½” BARBED FITTINGS
1) LENGTH OF 3/8” HOSE
1) LENGTH OF ½” HOSE
8) ¼ X 20 SHCS X 5/8
3) HOSE CLAMPS
1) TUBE CONNECTOR
2) 6MM SHCS
1) THROTTLE BODY GASKET

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Step 1: Remove By-Pass / Blow-Off Valve from intercooler.



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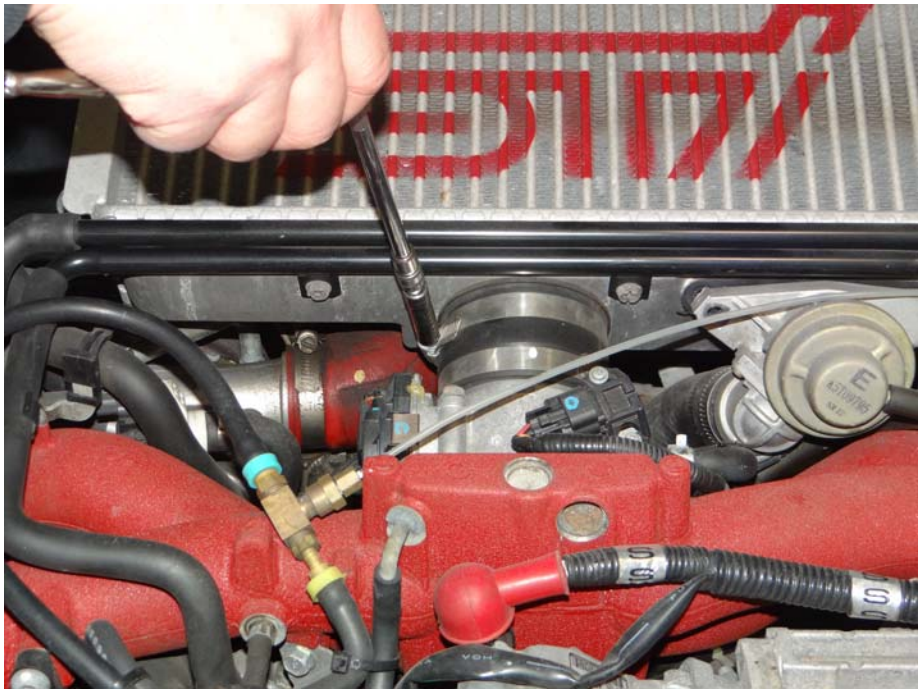




Step 2: Remove intercooler mounting bolts.

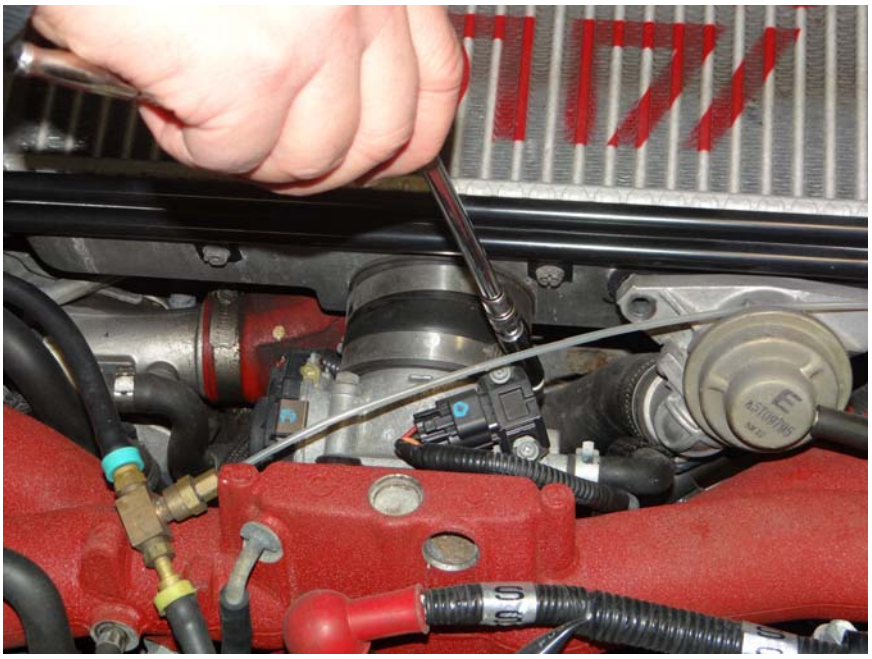
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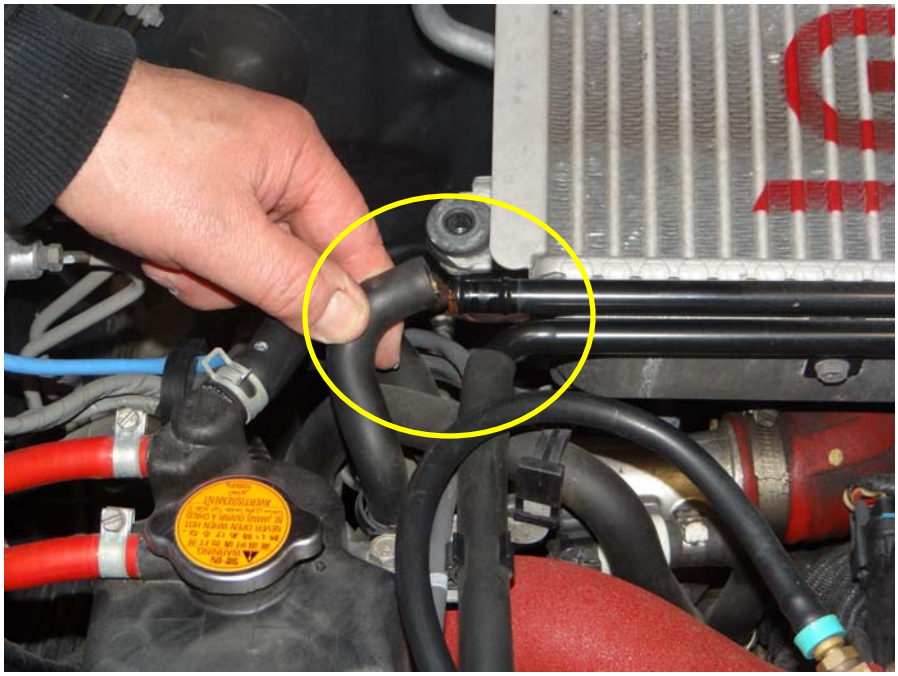




Step 3: Locate and loosen throttle body coupler.

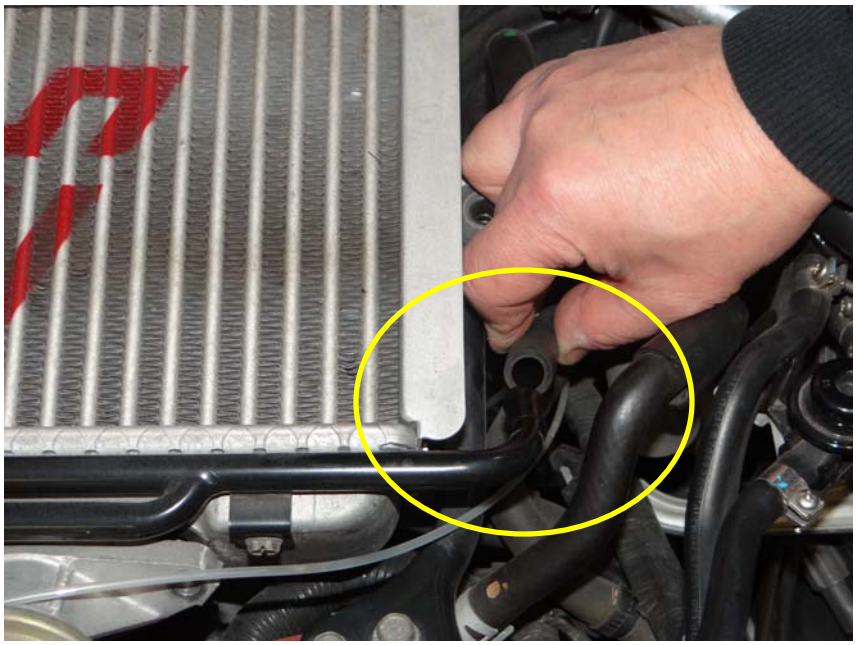
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Step 4: Locate and remove valve cover breather cross over lines.

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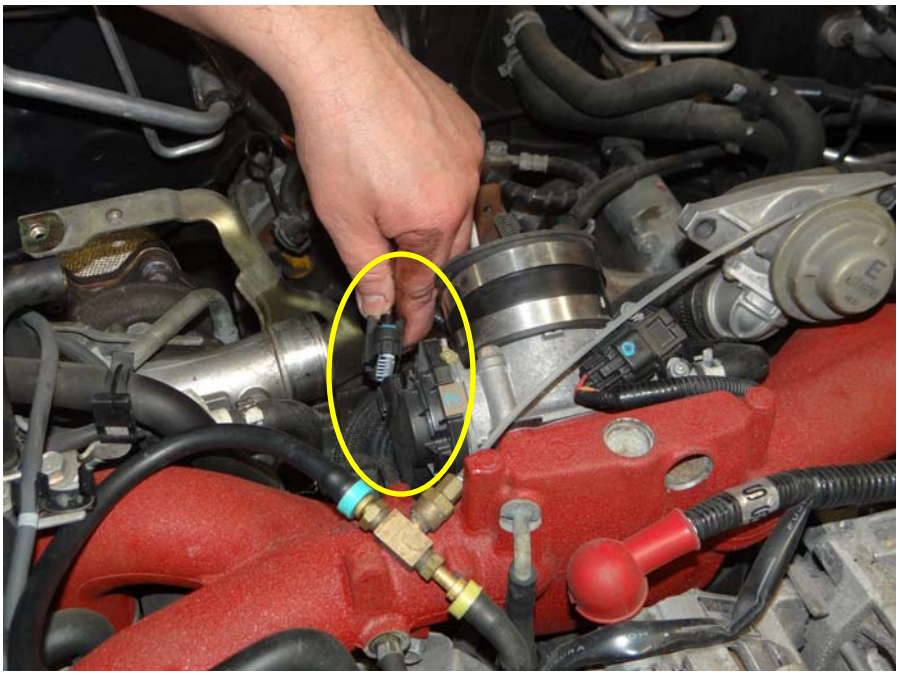




Step 5: Remove intercooler from vehicle.

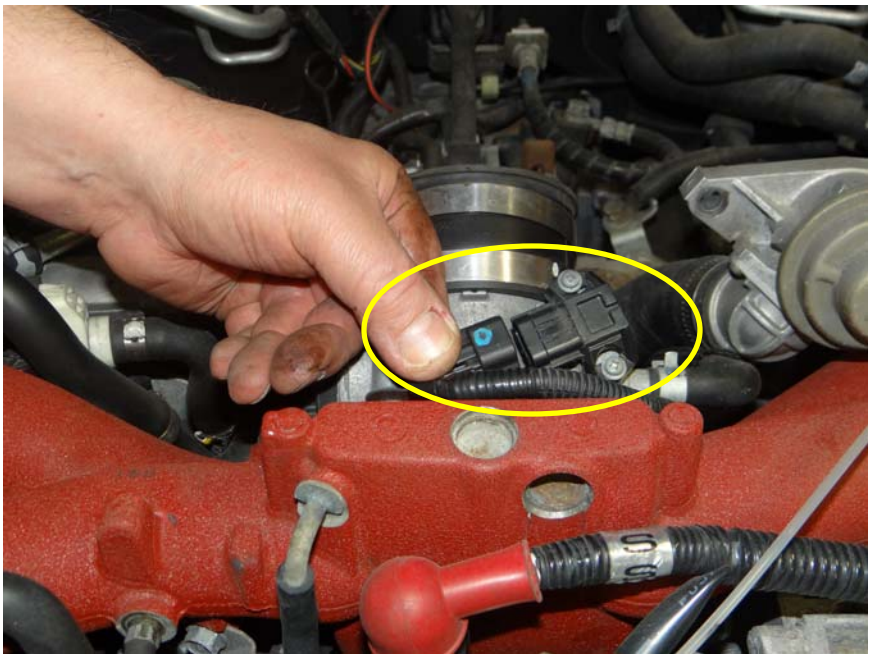
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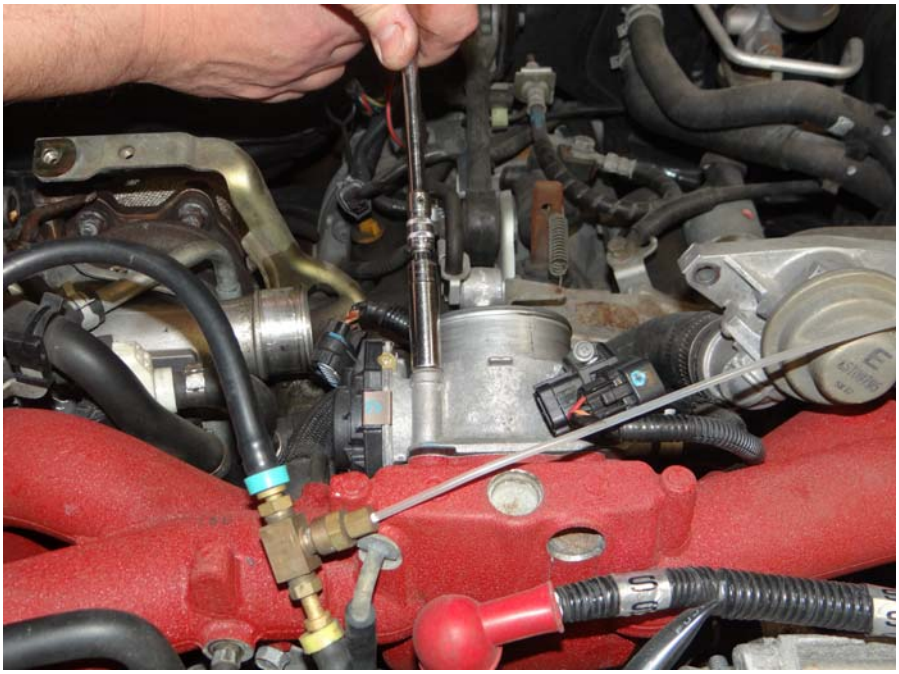




Step 6: Remove throttle body from intake, (do not disconnect coolant lines).

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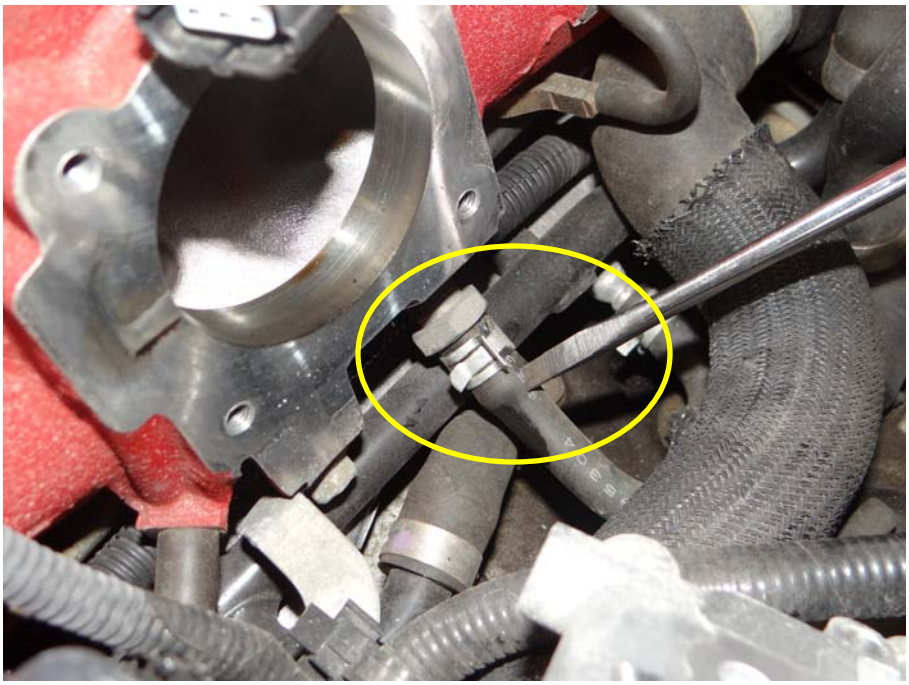
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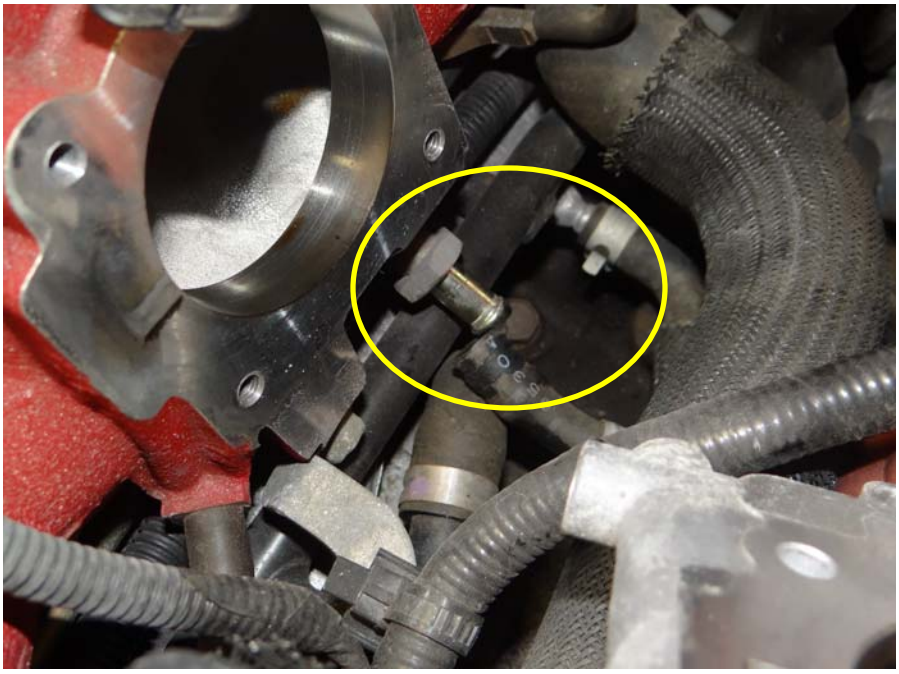


Step 7: Remove and discard throttle body gasket.

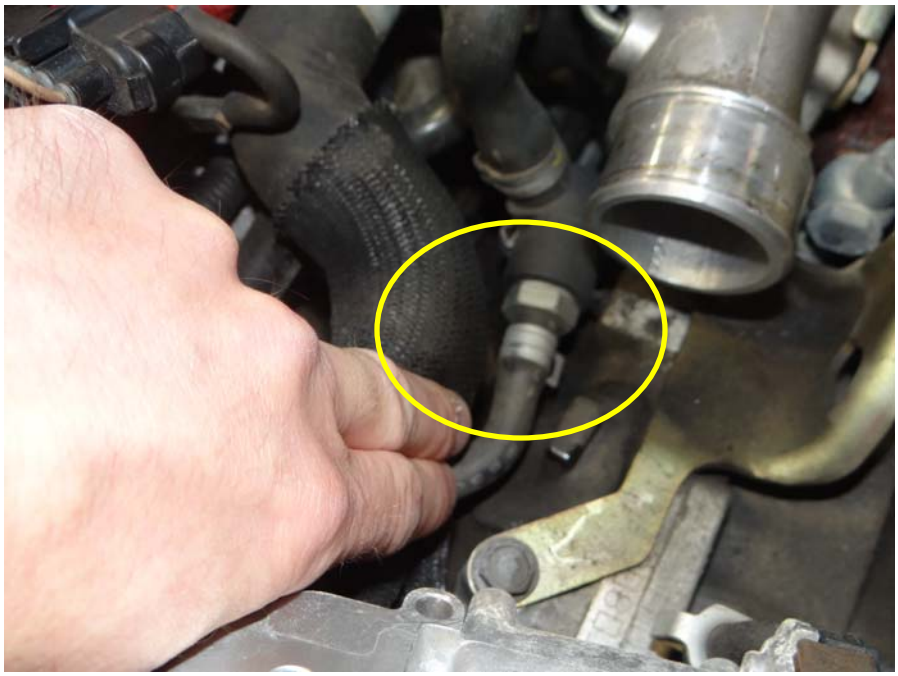
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Step 8: Locate and remove PCV line located under Throttle Body.



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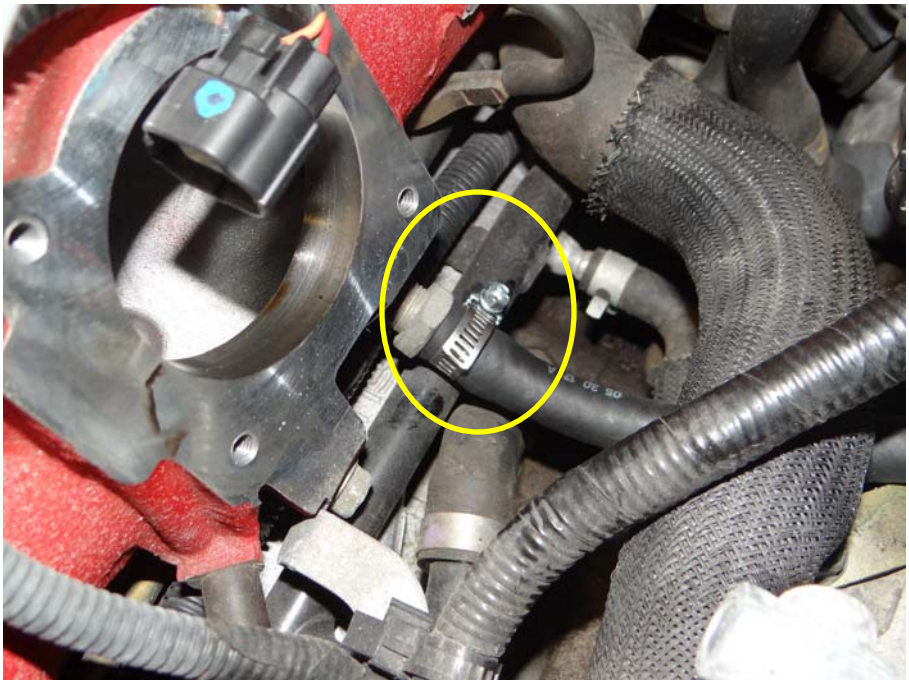




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Step 9: Install hose clamp over one end of 3/8 hose.



Step 10: Install over PCV nipple located under throttle body.

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Step 11: Route hose as shown.

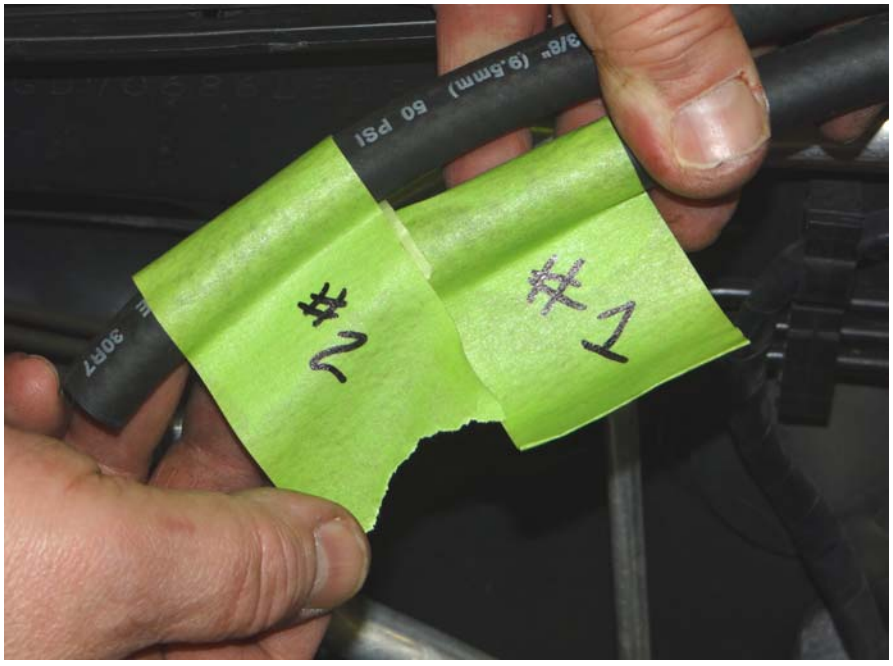


Step 12: Install hose clamp over 2nd 3/8 hose and install over crank case vent nipple.

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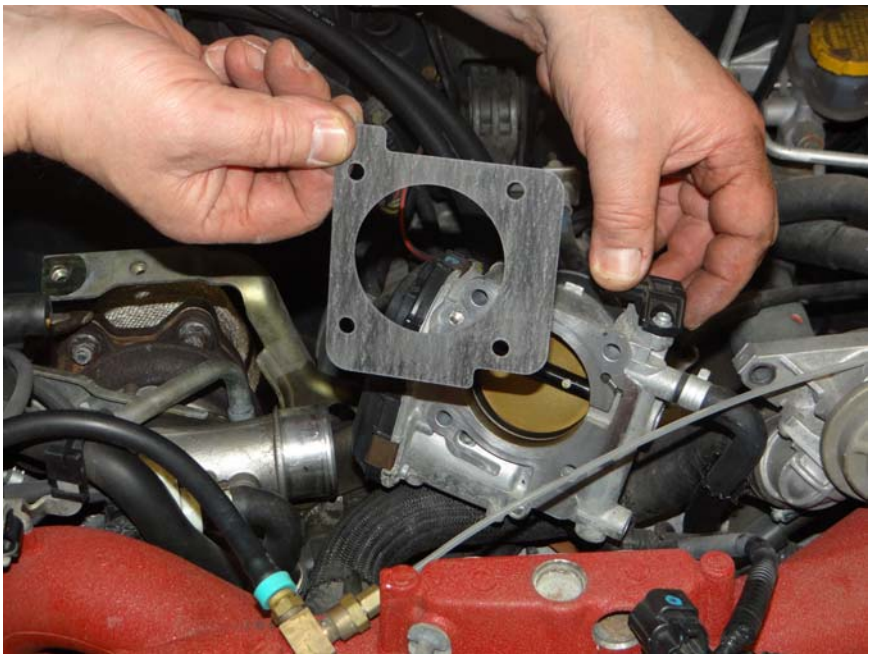


Step 13: Route hose as shown.

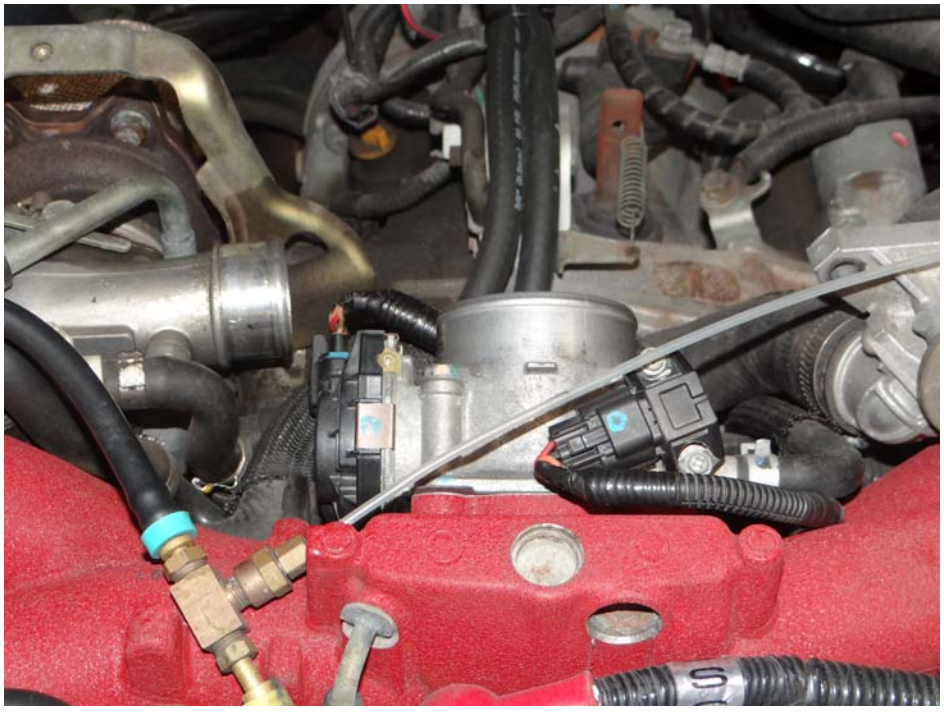


Step 14: Label other ends of hose as #1 and #2.

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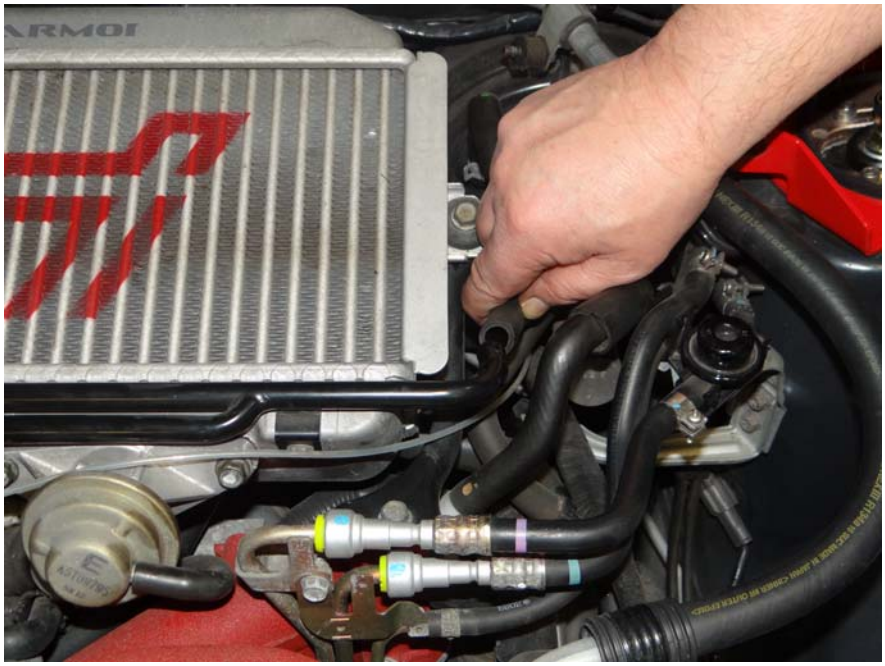
Step 15: Reinstall throttle body with new throttle body gasket supplied with kit.



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Step 16: Reinstall intercooler.



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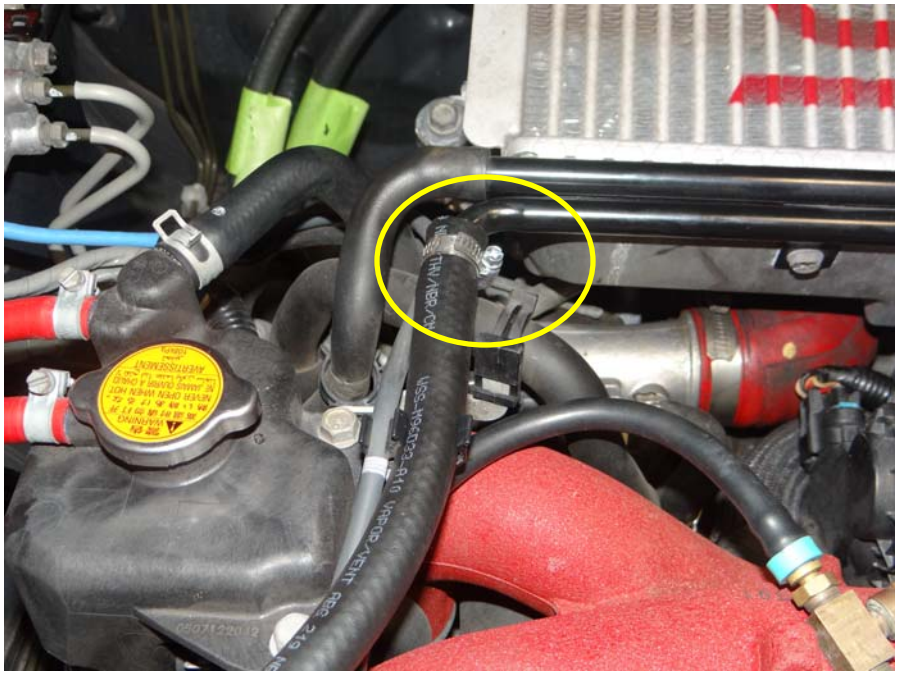


Step 17: Remove and turn breather hose to face passenger's side of vehicle.

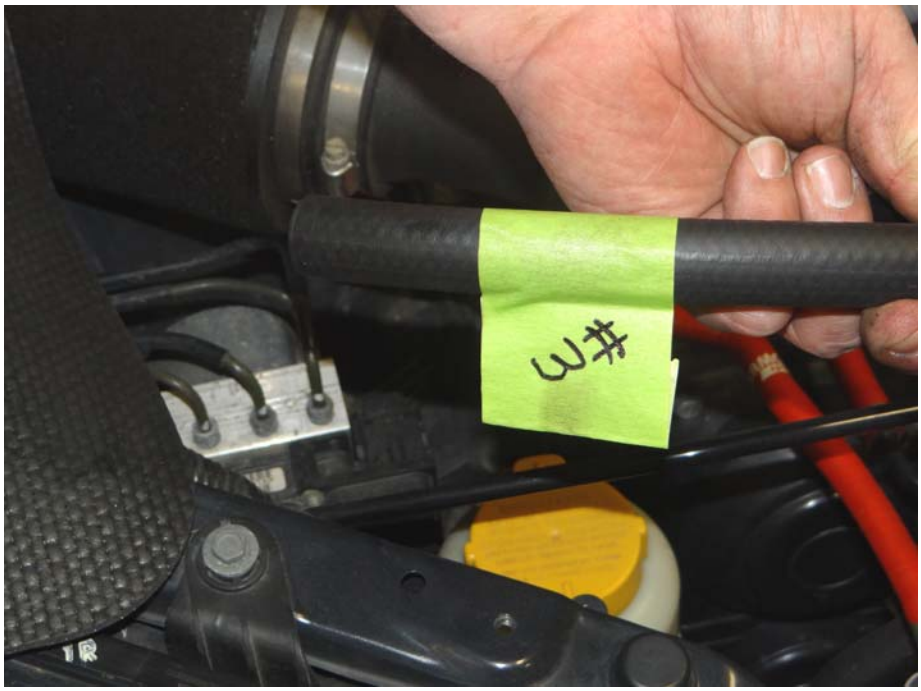
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Step 18: Insert nylon coupling into end of breather hose.


Step 19: Install hose clamp over ½” hose and install to crossover tube as shown.

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Step 20: Label other end of ½” hose #3.



Step 21: Route hose as shown.

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Step 22: Install 2nd length of ½" hose over nylon coupling.



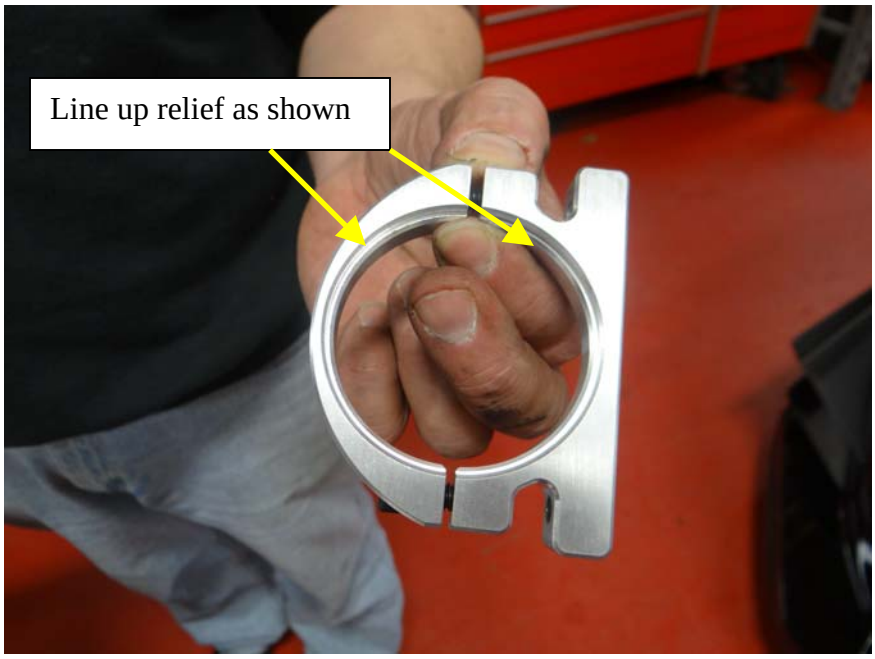
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Step 23: Route hose as shown and label #4.



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Step 24: Assemble billet clamps as shown using (4) ¼-20x5/8 SHCS do not tighten.



Step 25: Assemble billet clamps to stainless mounting bracket as shown using (4) ¼-20x5/8 SHCS.

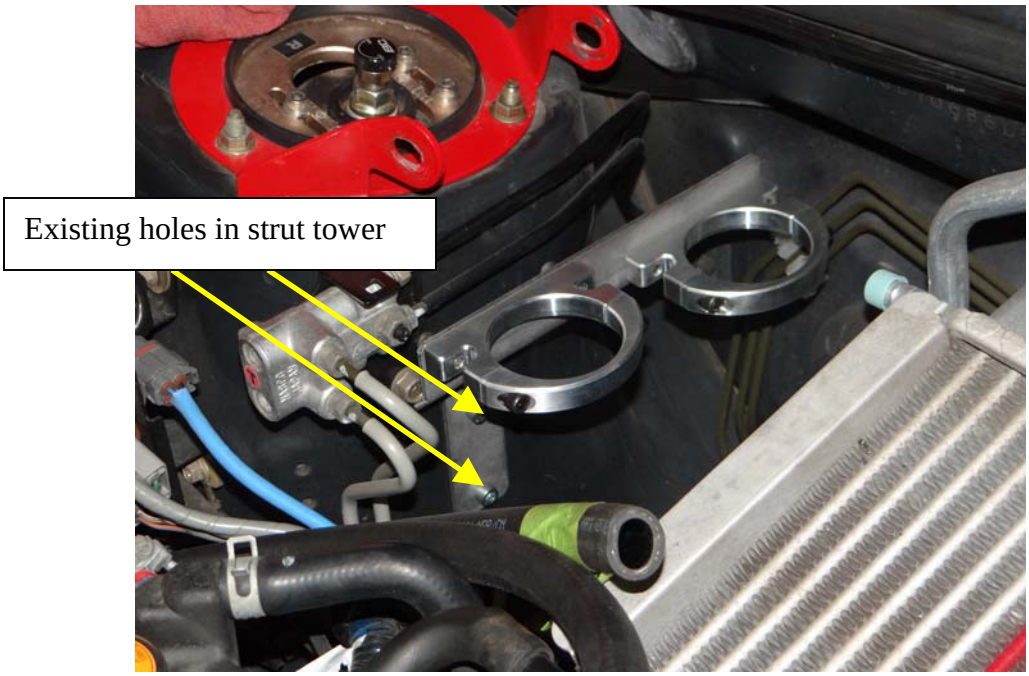
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Step 26: Install assembly into vehicle using (2) 6mm SHCS provided in kit.

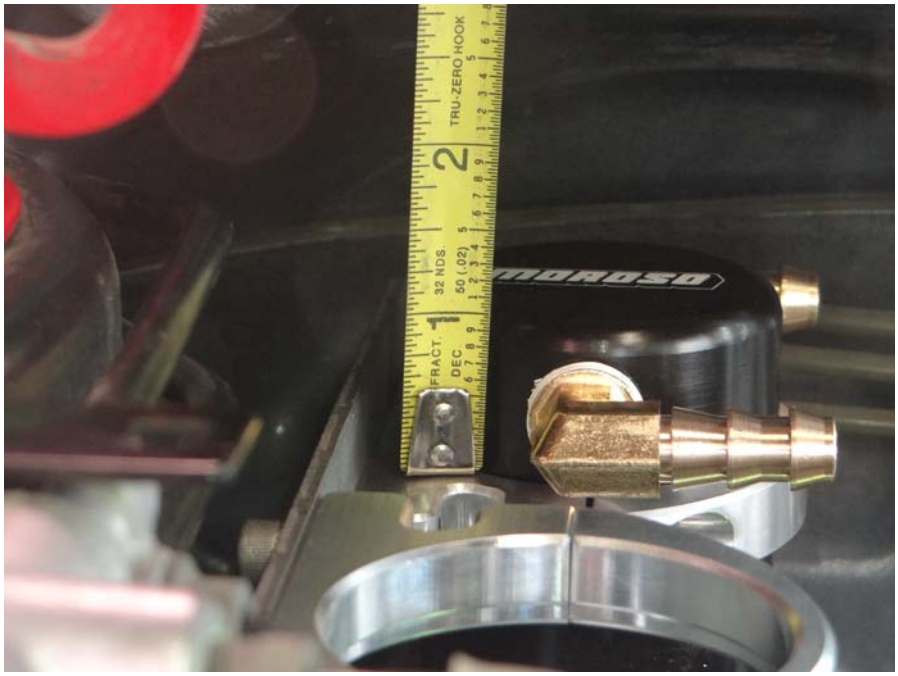


Step 27: Install (2) 3/8 barbed fitting as shown applying Teflon Tape.

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Step 28: Remove rear clamp saddle and insert Air Oil Separator.



Step 29: Set height to 1” as shown.

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Step 30: Repeat step 27 using (2) ½" barbed fittings.

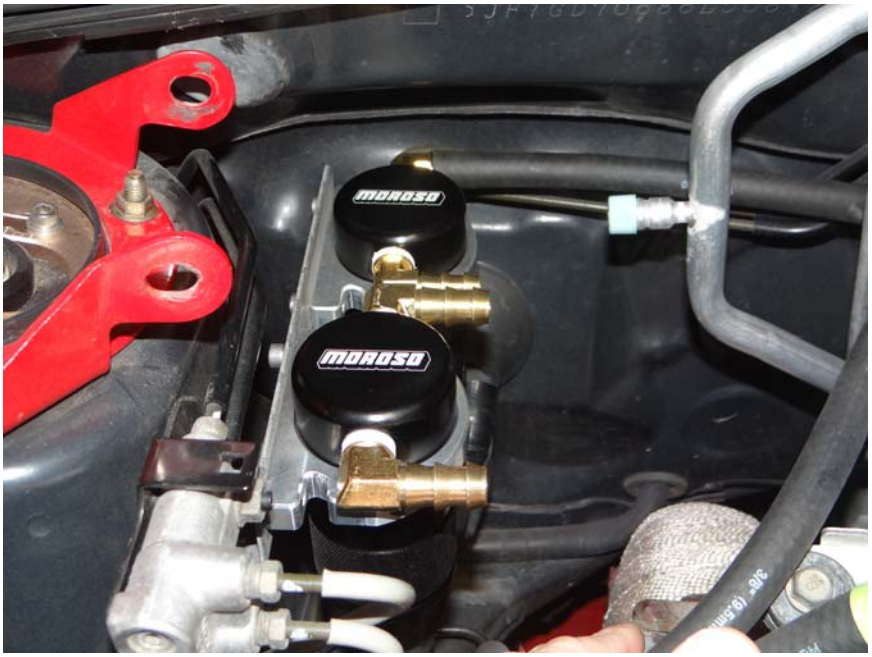


Step 31: Be certain bottom cups can be removed at this time, if needed adjust clamp height.

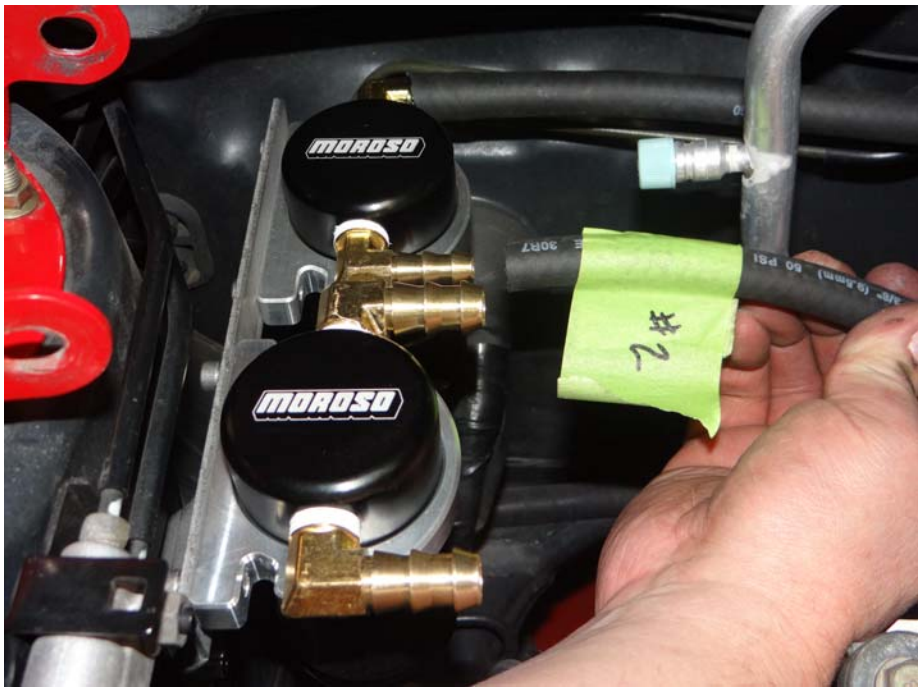
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Step 32: Install 3/8” labeled #1 to Air Oil separator with 3/8” barbed fittings.



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Step 33: Install 3/8” labeled #2 to Air Oil separator with 3/8” barbed fittings.



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Step 34: Install 1/2” hose labeled #3 to Air Oil separator with 1/2” barbed fittings.



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Step 35: Install 1/2” hose labeled #4 to Air Oil separator with 1/2” barbed fittings.



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Installation Complete

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.

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