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#272

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[My Corvette Photos](#)

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Sensor relocate for dummies

Well, I want this nightmare to be over after swapping this thing out now coming on the 3rd time. I needed a step by step on the parts that could be purchased from a vendor and did not require any special custom parts not readily available. Kudos to J.R. who posted earlier in this thread for hooking me up with all the details that even a non plumber like me could follow. (Thanks for being incredibly patient with my many questions J.R.) This should be a robust setup which avoids any possibility of melting tubes and uses the steel braided line shown in previous posts. Don't forget some high temp thread sealant too. So here are the pics including where you can buy these things and pricing:

1) ATM-2268 M16 x 1.5 to 1/8 " NPT female gets you out of the block:
\$10.88 from Summit Racing



2) Earl's 982203ERL AN3 to 1/8 " pipe 90 degree
This fitting attaches to above adaptor and allows for braided hose attachment. The cost is \$6.75 from Summit.



(Alternatively depending on space requirements, a 45 degree adaptor could be used instead of the 90 degree above which would be part 982303ERL if needed.)

3) 15in steel braided AN3 hose RUS-658080 from Summit for \$19.99:



4)Russell 660410 AN3 to 1/8 In pipe straight fitting \$2.88 from Summit:



5) NAPA part # 3200 x 4 x 2 (1/4 in to 1/8 in brass fitting). This attaches to above fitting (price in pic):

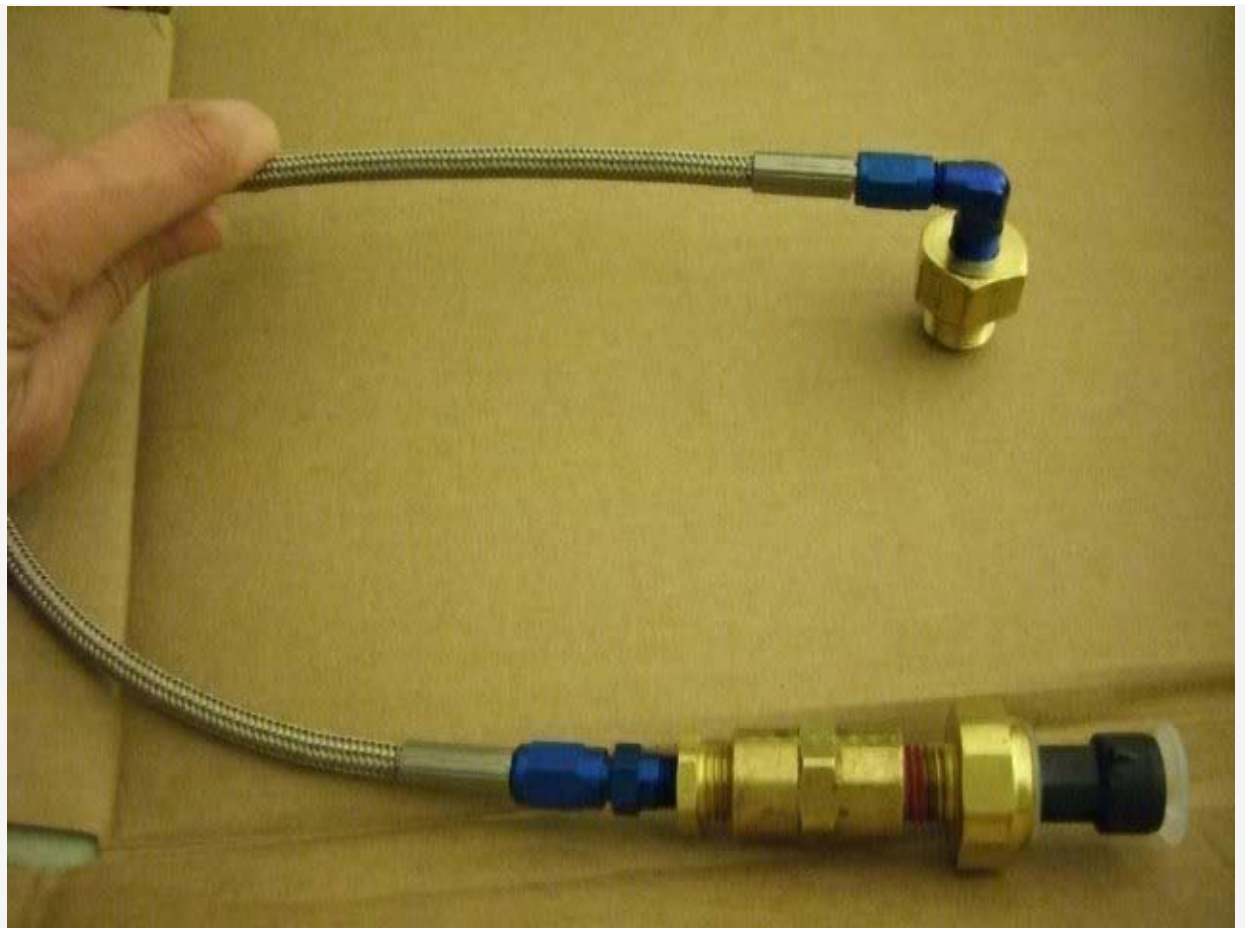


6) 1/4-1/4 female coupler from NAPA (pricing and part # below):



(Alternatively, you could use a 1/8-1/4" female-female coupler instead of the above 2 mentioned parts in steps 5 and 6 from Home Depot mentioned in the post prior to this one but I already had these parts and they worked so...)

7) Lastly, the buick sender which is part # 12584940 from GM parts direct for \$41.58 shipped to my door. Here are all the parts assembled and ready for install:



Use some thread sealer as you go and that should do it. J.R. looped this setup around and tucked it under the fuel rail cover. I'm installing it later this week. Hope that helps anyone who wishes to do this mod. 🙄🍺🙄 Now lets get the modding ON! 🙌

Ok, here's the finished product:

1)Here's a good view showing the relocate line coming out of the block:



2) Here you get an idea of the curve I'll put on this to loop it back toward the sensor harness:



3) All installed and this looped steel braided setup will be tucked under the fuel rail cover:



4) Done and clean! Yep, it's in there...



UPDATE: FYI: As it turned out, I did use the 45 degree elbow and not the 90 degree elbow. It seemed to work better to provide a nice bend direction for the steel line to hook up and make it's way around the back of the intake manifold. 🍻🍻🍻

Last edited by berry; 11-14-2007 at 11:31 AM. Reason: add final install pics

