

The Preventive Maintenance Series

Mike Dawson

Late Model Car Electric Fuel Pump Installation

In late April Sandy & I had a trip to Texas scheduled to visit friends and relatives and we planned to take our '65 Monza Sedan (cruise and A/C). During my "trip check" I needed to investigate the inlet fuel filter on the previously installed electric fuel pump. I had installed the pump in front of the gas tank above the cross-member with longer hoses making it possible to remove the pump by dropping it down from its bolted position for service. However, this limited the size of the filter to the original small non-visible type that would fit through the narrow space available. Looking for an easier way to check the filter I came up with an alternate method of mounting the pump and filter as follows:

I bought two 90 degree brass fittings for the Airtex E8016S pump, a Wix filter (33002) and 5/16" fuel hose with the necessary clamps. I used a right angle drill to cut two holes in the sheet metal webbing and secured the pump to the floor with a 5/16" bolt through two rubber spacers cut from shock absorber bushings. You can also purchase soft rubber bushings at O'Reilly's.



The rear of the car is to the left and the large hose in the picture is an A/C line.



I cut a piece of galvanized sheet metal to fit over the pump and secured it with two screws for protection against debris. My grommet selection did not have the proper size for the new holes I drilled so I used some vacuum line slit lengthwise to line the holes where the hose laid against them (upper left).

The overall project made filter checking or changing much easier, it is easier to check the condition of the hoses and they are much shorter when replacement is necessary.