Edelbrock Quiet-Flo Electric Fuel Pumps
For EFI Applications
Catalog #'s 1790, 182031 & 182032 (80 gph)
1794, 182071 & 182072 (120 gph)
INSTALLATION INSTRUCTIONS

PLEASE study these instructions completely and thoroughly before installing your new Fuel Pump. If you have any questions or problems, contact our **Technical Hotline at: 1-800-416-8628**, 7 am - 5 pm Monday-Friday, Pacific Standard Time.

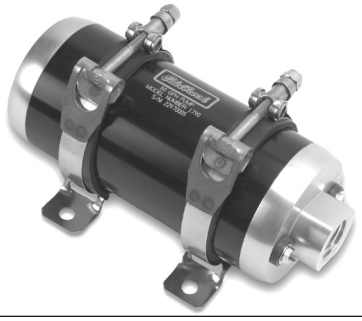
DESCRIPTION: Edelbrock Quiet-Flo Electric Fuel Pumps feature anodized aluminum housings and high quality internal construction, making them strong, durable, and quiet. #1790, #182031 and #182032 features a -10 AN inlet/outlet, while #1794, #182071 and #182072 features a -12 AN inlet/outlet. Both pumps are compatible with all grades of gasoline and methanol type fuels. Performance Specifications are listed below.

CAUTION!
Installation of this product should be performed by persons knowledgeable in the repair and modification of high pressure automotive fuel systems. **Do not loosen fuel system connections until relieving fuel pressure** as recommended in your automotive service manual. Fuel leakage will occur when loosening fuel system connections, eliminate potential fire hazards before loosening any fuel system connections.

PERFORMANCE SPECIFICATIONS:

	1790, 182031 & 182032	**1794, 182071 & 182072**
Outlet Pressure/Flow	45 psi/80 gph (480 lbs/hour) @ 12 Volts	45psi/120 gph (720 lbs/hour) @ 12 Volts
Maximum Pressure	90 psi	100 psi
Current Draw	12.5 amps @ 45 psi	14.5 amps @ 45 psi
Conversions:	1 gallon gasoline = 6.0 lbs (average)	1 bar = 14.5 psi

1790, 182031 & 182032



1794, 182071 & 182072

INSTALLATION:

NOTE: *The use of a pre-filter (60 micron maximum) is needed before the fuel pump, and a 10 to 30 micron (maximum) is needed after the fuel pump. If a pre-filter is not used, early fuel pump failure can/will occur.* ***See Figure 1.***

IMPORTANT: *When choosing pump location, make sure to mount the fuel pump at or below the level of the bottom of the fuel tank. This will ensure that the fuel pump will have a head of fuel pressure on the inlet side to aid in priming the fuel pump. Damage to the pump will occur if the pump is mounted incorrectly.* ***See Figure 1.***

1. With the ignition "off" and engine cool, relieve the fuel system pressure.
2. Disconnect the existing fuel pump lines. Plug the open fuel lines to prevent foreign matter from entering the fuel system. Remove existing fuel pump.
3. Determine the new fuel pump mounting location. Remember, the fuel pump must be mounted at or below the bottom of the fuel tank.
4. Replace existing fuel lines as necessary for proper fitment. Use existing bracket holes, if possible. Otherwise, for #1790, #182031 or #182032, mark and drill mounting bracket holes using the brackets as a template. On #1794, #182071, or #182072 fuel pumps, the mounting brackets are integral to the body of the fuel pump. Hold the fuel pump in position and use the mounting holes as your template.

5. Assemble the bracket and fuel pump (On 1794, #182071, and #182072, bracket assembly is not required).
6. Install the fuel pump and bracket assembly in the desired location. Make sure the pump is facing the proper direction. The outlet is on the same side as the fuel pump's electrical connections ***(See Figure 2).***
7. **Pump Wiring:**
   NOTE: *A RELAY IS RECOMMENDED FOR PROPER OPERATION. Edelbrock offers a 30 amp universal electric fuel pump relay, part #1795. Wiring instructions are included with the fuel pump relay.*
   If a relay is not being used, connect a **BLACK** 12-gauge wire to the negative (-) terminal on the fuel pump, and to a quality ground location (Engine ground or negative battery terminal is recommended). Connect a **RED** 12-gauge wire (+) from a 12v key-on switched connection, such as a 30 amp relay, to the positive terminal on the fuel pump. Check to make sure power is only on when the key is on. Recommended 30 Amp inline fuse.
8. Install the o-rings and fittings **(fuel fittings and O-rings not included)** ***(See Figure 2)*** and connect to your fuel lines.
9. **Check for leaks:** Turn ignition to the "Run" position without starting the engine and check all connections for leaks. **If any leaks exist,** immediately turn key off and repair leaks before continuing.

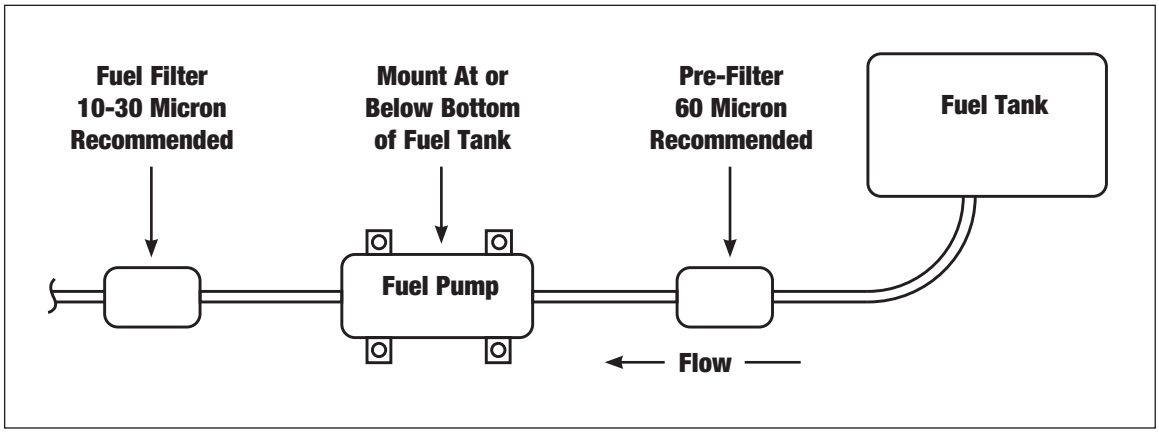
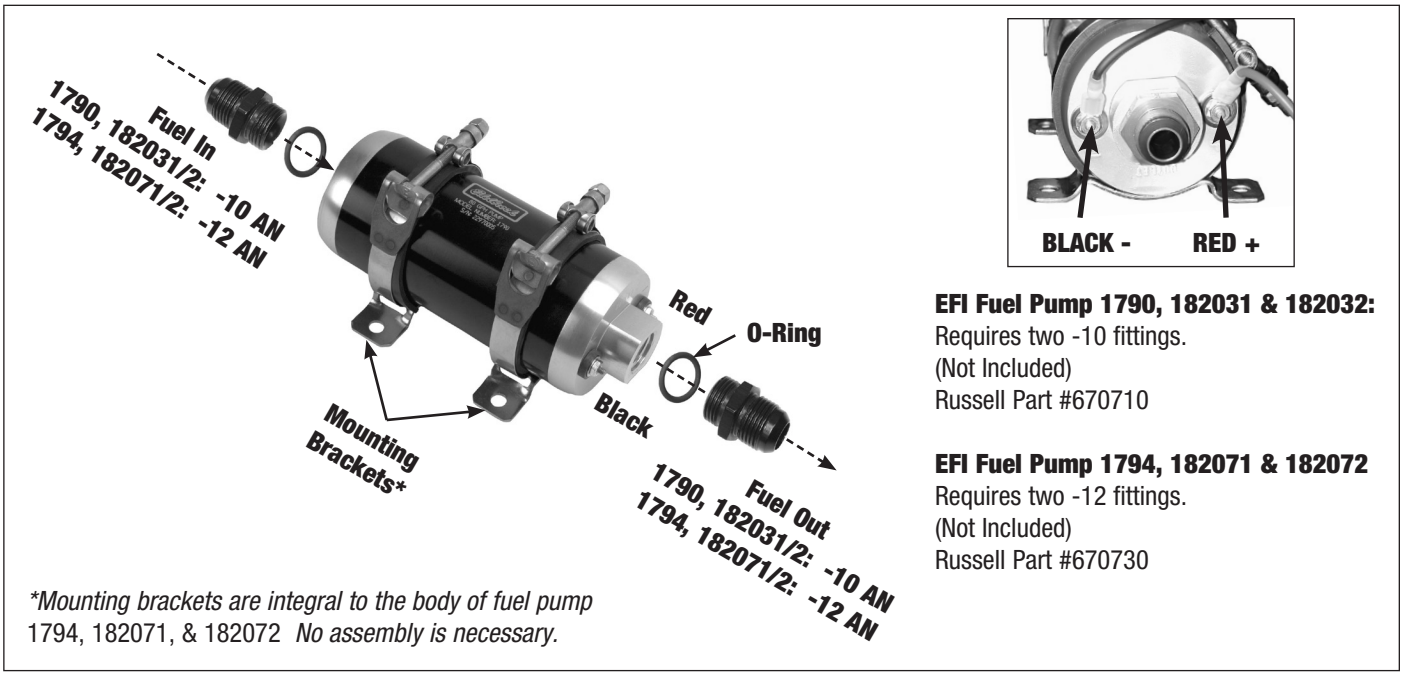


Figure 1 - Typical Fuel System Layout (Supply Side)



EFI Fuel Pump 1790, 182031 & 182032:
Requires two -10 fittings.
(Not Included)
Russell Part #670710

EFI Fuel Pump 1794, 182071 & 182072
Requires two -12 fittings.
(Not Included)
Russell Part #670730

**Mounting brackets are integral to the body of fuel pump*
1794, 182071, & 182072 *No assembly is necessary.*

Figure 2 - Fuel Pump Fitting Assembly (1790 Pictured)

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