

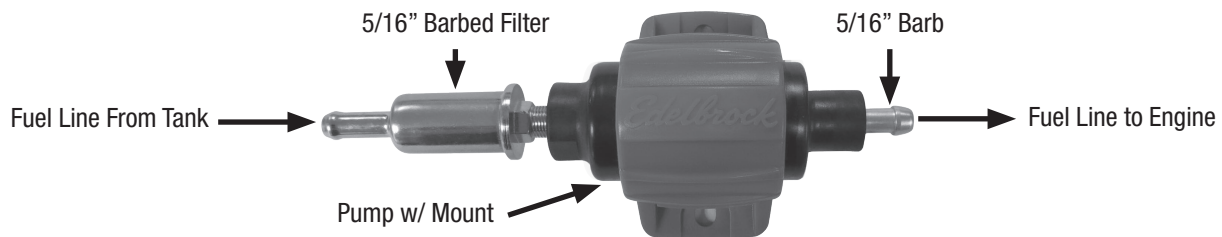
**PLEASE** study these instructions carefully before beginning the installation. If you do not feel comfortable performing this installation or have never worked with fuel systems before, it is highly recommended to have the installation completed by a professional. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**, Monday - Friday, 7:00 am - 5:00 pm, Pacific Standard Time.

**WARNING!**

**Prior to starting the installation, make sure to eliminate all potential fire hazards as fuel leakage can occur when loosening the fuel system connections and components. Proper installation is the responsibility of the installer. Improper installation will void the manufacturer's warranty and may result in poor performance and engine damage.**

These gravity feed fuel pumps are intended to replace mechanical fuel pumps on carbureted applications. These are compatible with farm lawn and garden equipment as well as fuel transfer systems and booster pump applications. *NOTE: Always use the appropriate fuel block-off plate when replacing a mechanical fuel pump with an Edelbrock Electronic Micro Fuel Pump. Always replace worn fuel lines with lines compatible with the fuel type being used.*

- PN - 17301 (40 GPH @ 4-7 PSI) gasoline applications only.
- PN - 17303 (30 GPH @ 2-3.5 PSI) gasoline applications only.
- PN - 17302 (40 GPH @ 4-7 PSI) diesel applications.



**INSTALLATION INSTRUCTIONS**

**CAUTION:** Below is a general guideline on the basic installation procedure of the electronic micro fuel pump. Please review thoroughly and verify application compatibility prior to starting.

1. Before starting the installation, verify that the fuel tank is as close to empty as possible. Inspect the current fuel lines and replace as necessary. *NOTE: The fuel pump is directional as marked on the mounting bracket.*



2. Determine the ideal mounting location for the fuel pump, a secure location like the frame is ideal. The fuel pump must be mounted at or below the lowest point of the fuel tank. The pump must also be within one foot of the fuel tank as it's designed to push fuel from the tank towards the engine. *WARNING: Fuel pump failure will occur if not mounted within the required specification.*
3. Using a 1/4" drill bit and the mounting bracket as a template, drill two holes in the preferred mounting location. Deburr holes as needed.
4. Apply thread sealer to the threads of the supplied fuel filter. **DO NOT USE Teflon tape.** Install the filter onto the pump and tighten to 10-ft-lbs. Using the supplied mounting hardware, mount the fuel pump to the mounting location. *NOTE: The use of the supplied fuel filter is required, failure to do so will void all manufacturer's warranty.*

5. Attach the fuel line from the fuel tank to the 5/16" barb on the filter and secure using high quality hose clamps. Connect the fuel line going to the engine to the other 5/16" barb on the fuel pump. *NOTE: The fuel pump and filter are intended for 5/16" fuel lines. Use proper stepped barb fittings if other fuel line sizes are desired.*
6. Connect the +12 Volt power (RED) lead to a switched ignition terminal. The use of an in-line fuse housing with a 5 amp fuse is recommended (not included). Connect the GROUND (Black) lead to the frame ground. Use only high quality automotive grade electrical cables. *NOTE: 16 gauge cables are a minimal requirement. Applications using more than 20 feet of wire should only use 14 gauge wire or larger.*
7. Inspect fuel and power connections before attempting to start the engine. Turn the ignition to the on position to prime the fuel pump. Wait 10 seconds and switch the ignition off. Double check fuel connections for leaks. If leaks are present, repair before continuing. If leaks are not present, start the engine and check for leaks. The installation is complete if no leaks are present.
8. It is recommended to check the fuel pump and pump connections every 500-600 hours. It is also recommended to replace the fuel filter every 500-600 hours. Replacement filters are available through your local Edelbrock distributor.

- PN - 17311 - Fuel Filter for 17301 and 17303, 40 Micron Rating
- PN - 17312 - Fuel Filter for 17302, 100 Micron Rating

**LIMITED 90 DAY WARRANTY**

*Edelbrock, LLC warrants all micro fuel pumps to be free from defects in material and workmanship. This warranty is extended to the original consumer/purchaser and has a duration of ninety (90) days from date of original purchase by such consumer, provided that the products are properly installed, subjected to normal use and service, is not modified or changed in any way. Edelbrock, LLC warranty will be voided if E85 fuel is used with any fuel pump. Some states do not allow limitation on how long an implied warranty is so the above limitation may not apply in your state. Should a part become defective, it should be returned to the original selling dealer or shipped freight prepaid to Edelbrock, LLC. It must be accompanied with the sales receipt and a clear description of the problem. Edelbrock, LLC reserves the right to replace or repair the defective part and return said part freight prepaid. This warranty covers the replacement or repair of the product only and does not cover the cost of removal and installation.*



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