HIGH PERFORMANCE IN TANK FUEL PUMPS
For 1994-1999 Acura Integra and 1992-2000 Honda Civic
Catalog # 17936, 17937, & 17938

INSTALLATION INSTRUCTIONS

PLEASE study these instructions carefully before beginning this installation. Most installations can be accomplished with common tools and procedures. However, you should be familiar with and comfortable working on your vehicle. If you do not feel comfortable performing this installation, it is recommended to have the installation completed by a qualified mechanic. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**, 7:00 am - 5:00 pm, Pacific Standard Time, Monday through Friday or e-mail us at **Edelbrock@Edelbrock.com**.

IMPORTANT NOTE: Proper installation is the responsibility of the installer. Improper installation will void your warranty and may result in poor performance and engine or vehicle damage.

DESCRIPTION: In-tank fuel pumps replace the factory pump and provide increased flow for supporting performance improvements such as a big-bore throttle body, high performance intake manifold, camshaft(s), turbocharger, direct port nitrous system, etc. It replaces your original pump exactly and includes all necessary hardware for an easy installation. Pump #17936 flows 255 Liters/Hr. (67 GPH), pump #17937 flows 255 Liters/Hr. and provides 60+ PSI for high boost or nitrous applications, and #17938 flows 190 Liters/Hr. (50 GPH) for naturally aspirated applications.

NOTE: *This rotary fuel injection pump will not work on carbureted fuel systems. It is for electronic fuel injection only.*

KIT CONTENTS:
- ❑ 1 Fuel Pump
- ❑ 1 Fuel Pump Filter
- ❑ 1 Fuel Pump Filter Retainer
- ❑ 2 Hose Clamp
- ❑ 1 Fuel Hose

REQUIRED TOOLS:
- ❑ Wire stripping and crimping tool'
- ❑ Phillips screwdriver
- ❑ Pliers
- ❑ Various hand wrenches or sockets

INSTALLATION PROCEDURE

CAUTION: When working on your vehicle, especially when oil or fuel is present, always work in a well ventilated area. Keep all sparks, open flames, or other sources of ignition away from the work area. Failure to do so could result in a fire or explosion causing vehicle or property damage, personal injury, and/or death.

NOTES: *Steps shown in these instructions are intended as a general guideline only. It is recommended to keep a copy of your service manual on hand. The installation procedure for replacing your factory fuel pump is covered in full detail in your factory service manual.*

PREPARATION

1. Make sure the engine is cool and the vehicle is on level ground. Set the parking brake. It is recommended to perform this installation when the fuel level is low.
2. Remove the negative (ground) cable from the battery and position it so that it cannot make a connection to the battery during the fuel pump installation procedure.
3. Relieve the fuel system pressure by carefully loosening the banjo bolt at the factory fuel filter. Leave the bolt loose until all pressure is relieved. Wrap a rag around the top of the bolt while loosening to absorb any fuel spray ***(See Fig. 1)***. Once pressure is relieved, tighten the banjo bolt.


Fig. 1

4. Remove the rear seat to provide clear access to the fuel pump access panel (seat cushion only, seat back may remain in place).
5. Clean any debris or dirt away from the area and remove the access panel ***(See Fig. 2)*** to access the pump assembly.

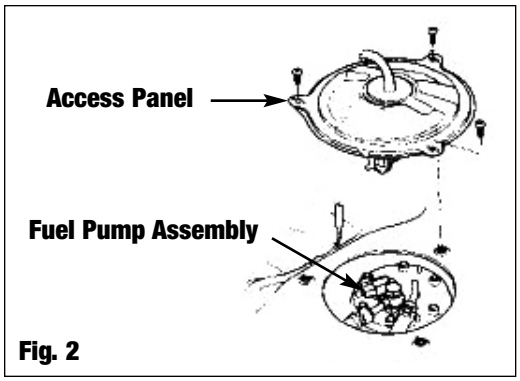

Fig. 2

PUMP ASSEMBLY REMOVAL

1. Thoroughly clean all dirt and debris from the top of the tank. Clean out any dirt from around the fuel pump assembly and retaining nuts. This must be done to prevent dirt or foreign material from falling into the fuel tank while removing the assembly.

2. Disconnect the electrical connector from the chassis to the top of the fuel pump assembly.
3. Remove the banjo bolt connecting the fuel supply line to the pump assembly, or disconnect the fuel line connector (1996-Up applications) and remove the line. Use pliers to remove the hose clamp from the fuel return line on the top of the pump assembly and remove the return line. Use rags to absorb any fuel spillage.
4. Remove the mounting nuts to allow the fuel pump assembly to be removed and carefully remove the assembly from the fuel tank.

PUMP REMOVAL AND REPLACEMENT

1. The electrical connections from the pump assembly to the pump itself, may attach to the pump in one of two ways. There may be a snap fit plug type connector, or there may be ring terminals attached to the pump with screws and nuts. Disconnect the electrical connections from the pump. Be sure to note the polarity of the wires.
2. Many vehicle pump brackets have an L-shaped bracket that is attached to the pump support with a screw and a lock washer. Loosening the screw and removing the pump support allows the fuel hose to be removed from the pump, and the pump to be removed from the bracket more easily. If the pump support and L-shaped bracket are separate, remove the screw, and remove the pump support, pump, fuel hose, and fuel clamps from the bracket ***(See Fig. 3)***. If they are not separate, cut the fuel hose and remove the clamps, fuel hose pieces and the fuel pump from the pump support.

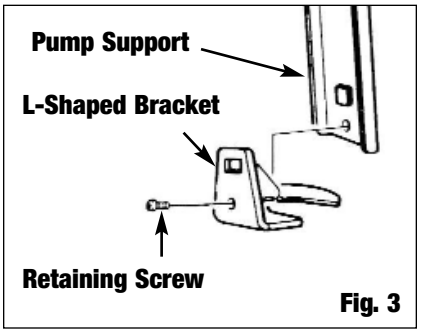

Fig. 3

3. Install the new fuel filter onto the new fuel pump. Secure the filter to the pump by pressing the retainer onto the center post of the pump ***(See Fig. 4)***.

   NOTE: *In some applications, the filter will need to be attached to the pump after the pump is placed onto the pump support on the pump bracket.*

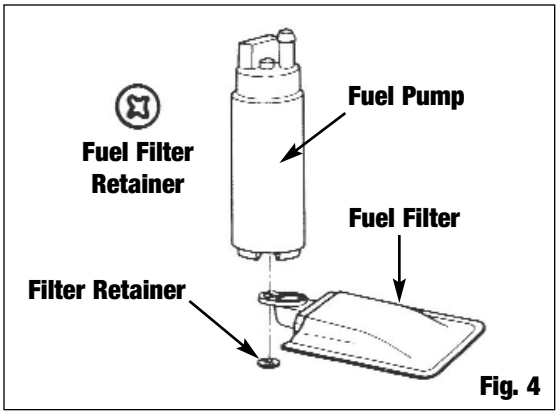

Fig. 4

4. Re-attach the L-Shaped bracket (if one was removed) and set the pump into the pump support. Connect the fuel hose using the supplied clamps. Make sure the fuel pump is seated properly into the pump support.
5. Attach the electrical connectors to the fuel pump.

PUMP ASSEMBLY INSTALLATION

1. Inspect the fuel tank for dirt and debris. If the amount of dirt or debris is excessive, clean the fuel tank before installing the bracket assembly.
2. Inspect the assembly to make sure it is clean and ready for installation.
3. Replace the o-ring seal or gasket if the o-ring or gasket is worn or cracked.
4. Insert the assembly being careful not to damage the fuel filter. Tighten the mounting nuts to secure the assembly to the fuel tank.

WRAP UP

1. Reconnect the fuel supply and return lines to the top of the pump assembly and reconnect the electrical connection.

   NOTE: *Always clean any gasoline spills immediately.*
2. Inspect the fuel system for leaks. Repair any leaks before proceeding.
3. With the ignition switch off, re-connect the negative (ground) cable to the battery.
4. Turn key to "On" position **(Do not start)**. Leave in "On" position for 5-10 seconds to allow the fuel system to pressurize.
5. Start the engine and inspect the fuel lines and connections for leaks.

   NOTE: If leaks exist, turn engine off immediately and correct any leaks before continuing.
6. Clear any trouble codes in the electronic control unit (ECU) that may exist as a result of the fuel pump replacement procedure. Use the factory service manual for assistance, if necessary.
7. If there are no leaks and the pump is operating normally, reinstall the access panel, trunk liner and rear seats.

TROUBLESHOOTING

Should the fuel pump fail to operate:

1. Check the fuel pump fuse and fuel pump relay as outlined in the factory service manual.
2. If the pump has power and proper polarity, check the remainder of the fuel system as outlined in the service manual.

   NOTE: This pump will not remedy any malfunctions in the fuel pressure regulator, fuel injectors, or other fuel system problems.

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