



Requirements for GFS System Installation

A successful and clean installation is the key to a great experience with GFS and petroleum independence. GFS has an ever expanding network of trained installers who can ensure a professional and functioning installation.

GFS has several great resources to help introduce you to what is involved, learn about SVO theory, and what to expect. Our DVD Box set is approximately 6 hours of instructions on oil gathering and filtering, SVO theory and overview, and the particulars of a diesel engine. You can also find valuable information in our FAQ section on our website.

DVD Box Set: ([DVD Box Set](#))

General Questions: ([General Questions](#))

Trouble Shooting Guide: ([Trouble Shooting Guide](#))

Online video library: ([Online Video Library](#)).

Due to the complexity of newer vehicles, and potential age related issues with older vehicles, it is important for the installer be familiar with mechanics in general. Here are a few skills and attributes that are required:

- The ability AND willingness to troubleshoot, research, and work on unexpected glitches. These generally are minor problems that can easily be overcome, but may require persistence as well as a level head.
- The ability to use a multi-meter and an understanding of relays, fuses and electrical circuits
- The ability to use basic mechanical tools, including fasteners and connectors
- Understanding of SVO theory and familiarity with what is modified and why Patience! This is an involved process that will require the modification and/or interfacing of the electrical system, cooling system, fuel delivery system and body of your vehicle. **Make sure you are committed to the project!**

For anyone considering a self install, or an installation from a non-GFS mechanic, here are a few things to help determine if you are up to the task, and give you an idea as to what is required:

- Drilling, bolting and mounting to the vehicle
- Work under the vehicle to route lines, and make electrical and plumbing connections
- Locating and tapping into the vehicles electrical system and locating specific wires and circuits
- Knowledge of your diesel engine's fuel system (where components are located, and how the fuel flow progresses through the system)
- Priming the fuel and coolant systems

If you are considering having a general mechanic install the system, here are a few things to consider:

- If the mechanic is not confident and excited to do it, don't twist their arm. It is always better to take a trip to a GFS installer than have a reluctant, uncommitted mechanic, which may result in a trip to a GFS installer to "fix" things.
- Get a set in stone (not to exceed) price from the mechanic before the work begins.
- Don't assume the mechanic has the ability and desire to perform "non-conventional" work. Many times the learning curve for the mechanic is almost as great as the backyard mechanic. Beware of false economy just because of geographic proximity.
- It has been our experience that some experienced diesel mechanics have a harder time installing a GFS system, and receiving instruction due to habits and rigid, conventional experience.
- Give the mechanic the "SVO Seminar" and "Diesel" DVDs to help them get up to speed.

Here is what you can expect from GFS:

- Online resources, including: videos, FAQ section and troubleshooting guide
- Printable online installation instructions. These instructions are detailed and have been used by hundreds to successfully install their systems. However they are always being updated, improved and are not an exact step by step procedure. There is still need for decisions and judgment to be made by the installer.
- GFS will provide 15 minutes of phone tech support free of charge. Additional tech support is available at the rate of \$90 an hour.

If you find yourself in over your head, there is no shame in contacting an authorized GFS installer to finish the job. They are trained and experienced in the nuances and particulars of installing the system. The installer will give a price quote before the work is begun, but please be aware that occasionally it can cost more to fix things than to do an install from the beginning.

We desire that you have a productive and fulfilling experience with GFS and our product. For most, a professional installation gives them the peace of mind that it is done right. For others, the thrill of discovery, the challenge of a self installation, and getting to know their system and engine is well worth the skinned knuckles, time and responsibility.

Thank you for your interest in GFS, and we look forward to serving you!