



11140, 11141 & 11142 INSTALLATION INSTRUCTIONS

WARNING!

The fuel system is under pressure. Do not open the fuel system until the pressure has been safely and sufficiently relieved. Please refer to the appropriate vehicle service manual for the procedure and precautions necessary to relieve fuel system pressure safely.

To use this pump in your vehicle's fuel system, we recommend the following:

- The factory fuel pump wiring may not be sufficient to handle the current draw of the Aeromotive 340 Stealth pump. To achieve the advertised flow at pressure, the use of an aftermarket wiring kit such as Aeromotive P/N 16306, including 10-gauge wire and a direct alternator supply point, is required.
- If you use the existing electrical plug in your tank you must ensure that the polarity is correct for your new pump. If necessary, re-pin the existing plug or use the included plug with solder and shrink connections.
- The Aeromotive 340 Stealth pump is the same physical size as many OEM in-tank pumps. This does not necessarily mean it is suitable for a particular application. Consult the Aeromotive application guide first to determine if a 340 Stealth Pump is recommended for your car, before proceeding with installation.
- With the high flow rate of the Aeromotive 340 pumps, the fuel pump basket or integral in-tank baffling may need to be modified to allow sufficient inflow from the main tank. Failure of the basket or baffling to remain full of fuel during high engine load may significantly impede the pump's performance.
- Installing a new factory down-stream filter is *HIGHLY* recommended when installing this pump. It's also recommended to change it once a year to ensure pump performance and service life.
- Your new Aeromotive 340 Stealth Fuel Pump is only one component part of your automobile's complete fuel system. You must ensure the complete fuel system is up to the task of supplying fuel to your engine, or severe engine damage may result. Contact Aeromotive if you have questions regarding how to address your complete fuel system, should you have the need.

Failure to follow the above may result in fuel leakage, bursting of the fuel lines, poor vehicle performance and/or decreased fuel pump life! Improper installation will void all warranties for this product!

CAUTION:

Installation of this product requires detailed knowledge of automotive systems and repair procedures. We recommend that this installation be carried out by a qualified automotive technician.

Installation of this product requires handling of gasoline. Ensure you are working in a well ventilated area with an approved fire extinguisher nearby. Extinguish all open flames, prohibit smoking and eliminate all sources of ignition in the area of the vehicle before proceeding with the installation.

Compatible Fuels:

Pump Gas; Race Gas; E85*

- Due to the dielectric properties of Alcohol based fuels like E85, fuel pump service life will be reduced and filter maintenance increased. Be certain alcohol compatible filters are installed and properly maintained.

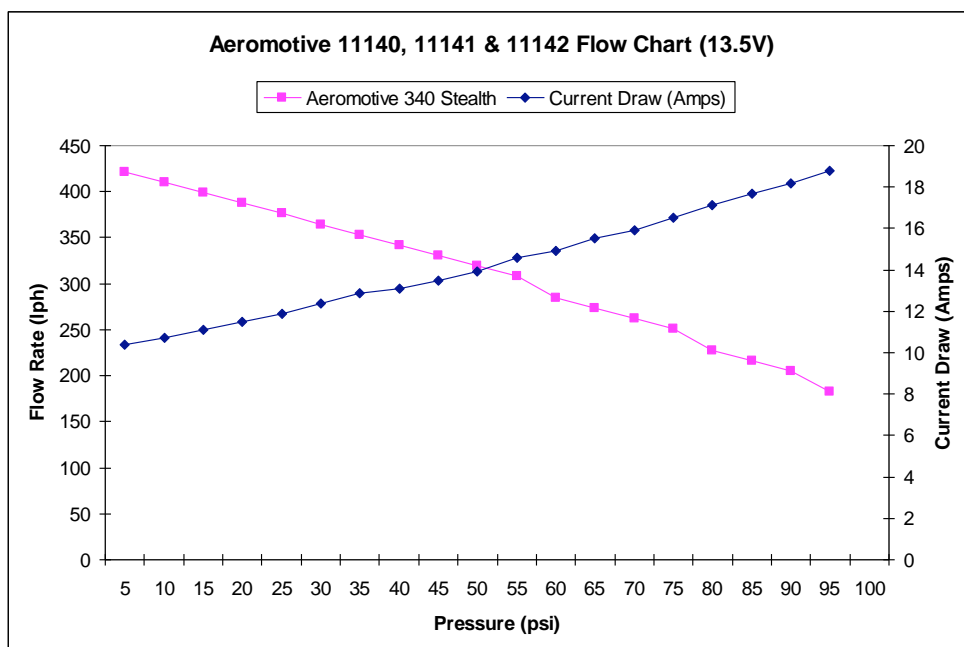
APPLICATION INFORMATION

Aeromotive has published specific application information informing what known vehicles have a fuel pump form factor that is compatible with the new Aeromotive 340 Stealth pumps. You may find this application guide on our website at www.aeromotiveinc.com under the Tech Help folder tab and linked on the 340 Stealth Fuel Pump product pages.

For those familiar with purchasing aftermarket fuel pumps to be installed as a replacement for the stock fuel pump, you will appreciate that the Aeromotive 340 series Stealth fuel pumps, P/N's 11140, 11141 and 11142 are configured as universal, in-tank replacement pumps, and feature the same form-factor (external dimensions) as 3 popular 255 LPH fuel pumps commonly sold under P/N's GSS340, GSS341 and GSS342. There are many applications where these common, 255 LPH pumps have been used in the stock tank, without major modifications, and those same applications may work as well with the new Aeromotive 340 Stealth Pump.

To ease the determination of which Aeromotive 340 Stealth pump may be used as an alternative, note the last 2-digits of the 340 Stealth Series part numbers correspond to the last two digits of the 3 common, 255 LPH pumps. For those that know which of the 255 LPH pumps will work in their tank, simply select the Aeromotive 340 Stealth pump with the same last 2-digits. For example, the 255 LPH GSS340 and the Aeromotive 11140 will have similar form-factor and application.

There are many applications where the Aeromotive 340 Stealth Pumps (and the same form-factor 255 LPH pumps) will not work without major modifications. There may be statements made by others, including users and installers (on the internet or in other forms of media) claiming one of these pumps will work in an application that is not listed in our application guide. In these cases it is likely that some modifications have been made to the tank, the internal basket or baffling, and/or the fuel level sending unit to perform the installation. Aeromotive neither sanctions or approves any modifications be made to any vehicle fuel system to install one of these pumps, and any modifications that are made are done so at the sole discretion of the purchaser/installer, with no guarantee of pump performance, service life, or assurance of compatibility made by Aeromotive.





11140- Center Inlet

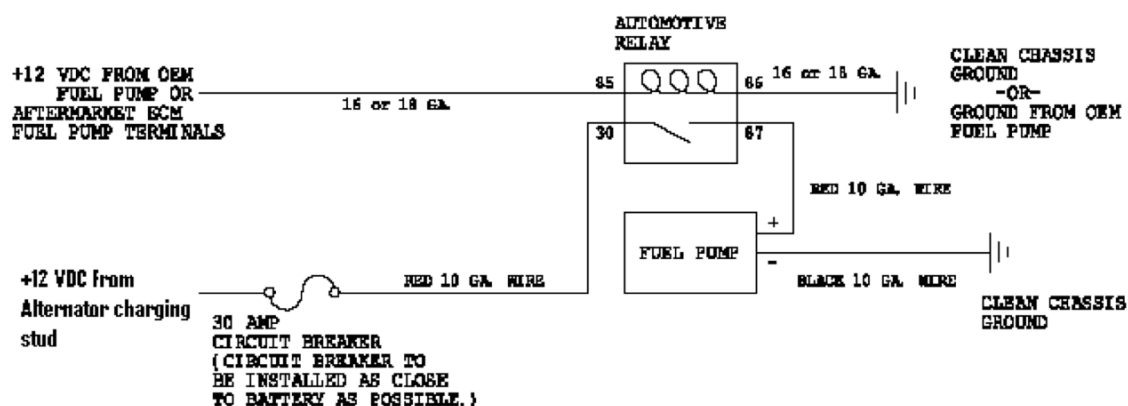
11141- Offset Inlet

11142 - Inline Inlet

**** Attention Installers ****



Note the location of the vapor-purge port for your model Stealth 340, illustrated above. During installation, be certain to check for and eliminate any blockage or restrictions to this port. Failure to do so may result in slow or no priming, and may damage the fuel pump due to dry run.



AEROMOTIVE, INC.
 7805 Barton Street, Lenexa, KS 66214
 913-647-7300 fax 913-647-7207