Thank you for purchasing a Summit Fuel Cell. Our fuel cells are of a universal design and may require fabrication to install. They are not designed as replacements for OEM fuel tanks. This sheet will give you important information about emissions compliance, safety foam, mounting your cell, and your warranty.

Emissions Compliance
This product is primarily designed for off-road and racing vehicles. Many state and federal laws regulate the type of fuel system modifications that can be made to a vehicle operating on public highways. Please check emissions laws in your area before installing the fuel cell on a street vehicle. It is the responsibility of the installer to comply with all applicable emissions and safety laws.

Safety Foam Information
For fuel cells that include safety foam, most cells are not completely filled with foam. If you would like to add foam to a fuel cell, use part number SUM-290190.

Under no circumstances should you remove the safety foam from your fuel cell! It serves the following important functions:

Explosion Prevention: Safety foam virtually eliminates the possibility of an explosion in a properly installed fuel cell.

Surge Reduction: Safety foam eliminates sudden fuel movement when the vehicle quickly changes direction. This also helps prevent the fuel cell from rupturing if it receives a sudden impact. In a cell without safety foam, the sudden, violent movement of fuel can deform the cell from the inside out, often causing a massive rupture.

Atomization Prevention: If a fuel cell ruptures violently, a fine, atomized mist of fuel is ejected into the air, creating an explosion hazard. Safety foam minimizes this effect by resisting the rapid dispersion of fuel into the air during an impact.

Installation Information
All Cells
1. Your fuel cell must be mounted in such a way to conform to the rules of your racing class or sanctioning body.
2. Make sure there are no sharp edges or objects near the fuel cell that could penetrate it in the event of an impact.
3. For added safety, attach a ground wire from the filler ring and run it to the frame of the vehicle.
4. Flush out the fuel cell before final installation.
5. Always run a high quality fuel filter.
6. Routinely check the fittings and cap ring for leaks and tighten as needed.

This is a standard maintenance procedure.

Plastic Fuel Cells
2. Routinely check the bulkhead fittings and cap ring or leaks and tighten as needed. This is a standard maintenance procedure. Leakage in these areas is not covered under warranty!
3. Due to the flexible nature of the plastic fuel cells, bowing or sagging of the fuel cell walls is considered normal and not covered under any warranty.

Fuel Cells With Sending Units
1. The sending unit included is for a 0-90 ohm gauge.
2. Sending units are available separately from Summit Racing Equipment for 70-10 ohm gauges and as replacement parts for 0-90 ohm units.
3. The signal wire from the fuel gauge connects to the $S$ terminal; the ground wire connects to the $G$ terminal.

Questions? Call our Tech Line 1-330-630-0240
Further Upgrades
   Summit Racing Equipment also offers the following parts to complement your new fuel cell.

Summit Fuel Cell Mounts
   These sturdy mounting brackets are designed specifically for Summit’s plastic fuel cells, so you can be assured of a perfect, secure fit.
   SUM-290150  4 gallon cell
   SUM-290151  5 gallon cell
   SUM-290152  8 gallon cell
   SUM-290153  12 gallon cell
   SUM-290154  16 gallon cell
   SUM-290155  22 gallon, 33" x 17" x 10" cell
   SUM-290156  22 gallon, 25¾" x 17¼" x 14½" cell

Summit Fuel Level Sender
   Constructed from high quality materials for reliability, this fuel level sender works with several types of gauges, including most aftermarket and OEM gauges.
   SUM-290180  GM: 0 to 90 ohm, 8½” long
   SUM-290181  GM: 0 to 90 ohm, 11” long
   SUM-290182  Chrysler/Ford: 70 to 10 ohm, 8½” long
   SUM-290183  Chrysler/Ford: 70 to 10 ohm, 11 in. long

Summit Fuel Cell Safety Foam
   One 7” x 4” x 15” brick of safety foam to drop in the cell.
   SUM-290190

Summit 45 Degree Fast Fill Neck
   Designed for those who need to fuel their vehicles as fast as possible. Made from lightweight aluminum, the valve simply replaces the flush-style mounting cap.
   SUM-290191  Summit Fast Fill Neck
   SUM-290192  Split nut ring for SUM-290191

Summit D-Ring Mounting Caps
   Perfect for replacing missing or damaged mounting caps.
   SUM-290193  Aluminum mounting ring, 4" diameter inlet, gold iridized steel cap
   SUM-290194  Aluminum mounting ring, one-way flapper vent in the cap, aircraft-style cap
   SUM-290195  Fuel cap only
   SUM-290198  Flush mount cap only

Summit Fuel Cell Tip Valve
   Ball check valve closes if the car rolls to help prevent fuel leakage and possible fire. Fits most fuel cells with -8 AN fittings.
   SUM-G3114

Summit Washers for -8 AN Bulkhead Fittings
   .085” thick nylon replacement washers for Summit fuel cells and tip valves.
   SUM-G3113  4 nylon washers

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Limited One-Year Warranty

This Limited One-Year Warranty is given to the original purchaser (the “Buyer”) of this new Summit or Summit Performance Branded Product. Summit Racing Equipment warrants that the product will be free from defects in workmanship and materials under normal use and service for one year from the date of purchase.

Your responsibilities:
   Keep a sales receipt, canceled check, or payment record to verify your purchase date. Operate and maintain the product in accordance with the specifications provided to you with the product. Arrange for or pay items and costs that are not covered by this Limited Warranty.

What is not covered:
   1. Damages caused by shipping, product misuse, misapplication, improper installation or maintenance, or damages resulting from accidents, contact with on-road or off-road hazards, or racing engine use.
   2. Labor costs to remove and install the products or component parts.
   3. The costs of shipping the product to and from Summit Racing Equipment.

Claims Procedure:
   The duration of this warranty is limited to claims made in writing to Summit Racing Equipment within one year after the Purchase Date. The Buyer should call the telephone number below to report a possible warranty claim.

The Buyer must also allow Summit Racing Equipment to inspect the product, and the Buyer must reasonably cooperate with Summit Racing Equipment with respect to verifying the warranty claim of the Buyer. In the event that a warranted defect is discovered, Summit Racing Equipment will repair or replace the product, or return the purchase price to the Buyer, at the option of Summit Racing Equipment.

All shipping costs are paid by the Buyer. Merchandise returned to Summit Racing Equipment without prior authorization will not be accepted.

This warranty extends only to the Buyer and is not transferrable. Implied warranties applicable to this transaction extend only to one year. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Summit Racing Equipment shall not be responsible for any incidental or consequential damages of the Buyer. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This warranty gives you very specific legal rights, and you may also have other rights which vary from state to state.

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1-800-230-3030 • SummitRacing.com
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