

Link do produktu: <https://bizongarage.pl/fst-fuel-surge-tank-standard-for-single-pump-radium-engineering-p-46706.html>



FST Fuel Surge Tank Standard for Single Pump Radium Engineering

Cena brutto	2 349,00 zł
Cena netto	1 909,76 zł
Numer katalogowy	USA-RAD-20-0960

Opis produktu

A fuel surge tank (FST) is designed to prevent starvation to the engine on vehicles with inadequate fuel tank baffling. The surge tank also provides a quick and easy way to upgrade any standard fuel system without the need to modify the stock fuel tank or pump. It is also an excellent fueling solution for vehicles installing large fuel demand power upgrades such as forced induction. HOW AN FST WORKS The volume of fuel inside the surge tank acts as a buffer to always keep the FST pump supplied with fuel. This volume is maintained by the main fuel tank's pump as well as the fuel returning from the fuel pressure regulator. Excess fuel in the surge tank is returned back to the vehicle's main fuel tank. PLUMBING All adapter fittings on top of the FST are 6AN (9/16"-18) male. The internal FST pump directly feeds the fuel rail(s), through the green 6AN bulkhead fitting. The pump outlet fitting is available in -6AN male size only. The 3 black (interchangeable) 6AN ORB fittings are used for the following. A. Fuel entering the FST (from the lift pump) B. Fuel overflowing and leaving the FST (to main tank) C. Fuel returning from the fuel pressure regulator NOTES: An internal flow deflector prevents fuel foam and aeration on all 3 ports. The pumps mount internally using tubing that is gasoline, ethanol, and methanol resistant. The overflow to the main tank is a requirement on all installations. Tanks without return ports will need customization of the hanger top or filler neck to create a port for the overflow. ELECTRICAL The anti-rotation stainless electrical studs easily handle the high current demand that compact multi-pin bulkhead connectors lack. These serviceable connections are hermetically sealed and impervious to all standard and exotic fuels. Non conductive anodized aluminum acorn nuts are provided to prevent any accidental short circuiting. Electrical hardware is included for the fuel pump. Furthermore, the in-tank wiring is insulated with high quality chemically resistant ETFE. Relay kits, such as 17-0031, are recommended to drive these new internal fuel pump. PUMP COMPATIBILITY This system supports the following fuel pumps (sold separately): *Walbro F90000267 *Walbro F90000274 *Walbro F90000285 *Walbro F90000295 *Walbro GSS341 *Walbro GSS342 *AEM 50-1000 *AEM 50-1200 *AEM 50-1220 **Bosch BR540 **Deatschwerks DW400 **Deatschwerks DW440 (brushless) **Deatschwerks DW810 (brushless) **Protec 11928 (brushless) **Fuelab 49614 (brushless) *Ti Automotive E5LM (brushless) *Sock filters are provided in this kit for these pumps. **Sock filters are included from the fuel pump manufacture. INCLUDED Extruded anodized aluminum 1.5 liter canister Removeable O-ring sealed billet aluminum caps 6AN O-ring fittings Corrosive resistant stainless steel hardware Stainless clamps for 39-45mm diameter pumps Large and small ID pump connections Plug and Play pump wiring Pre fuel pump sock filters Anti-rotation Electrical Terminals Instruction PDF Volumes & Dimensions PDF