



# INSTALLATION INSTRUCTIONS DIRECT MOUNT FUEL FILLERS

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This manual is for the following P/Ns: 20-0148, 20-0148-V, 20-0197, 20-0197-V, 20-0360, 20-0495-V, 20-0549-V, 20-1197-V

- NOTES:
- The Fuel Cell Surge Tank (FCST) fill flange uses a 6-bolt, 2.18" (55mm) bolt circle with 1/4"-28 threaded holes.
  - The Fuel Cell Surge Tank (FCST-X) fill flange uses a 3-bolt, 2.34" (59.5mm) bolt circle with M5x.8mm threaded holes.

**CAUTION**

Only a qualified technician following applicable safety procedures should perform the installation of this product. One must have knowledge in repair and modification of fuel systems and general vehicle modifications to install this product.

**Gasoline and other fuels are flammable and can be explosive.**

Only install in a well-ventilated location to minimize buildup of fuel vapors. No sparks, open flames, smoking or other ignition sources are to be present. Draining and removal of all fuel from the fuel system is recommended. Proper eye and personal protection is required at all times during installation.

**WARNING**

The fuel system is under pressure! Do not loosen any connections until relieving the fuel system pressure. Consult a service manual for instructions on relieving fuel pressure safely. This product is designed for off-highway and racing use only. Fuel system components may not be legal for sale or use on emissions controlled motor vehicles. Consult local, state, and federal laws.

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	5/32" Allen Wrench	<b>20-0197 Direct Mount Fill Neck</b> Place the gasket than the fill neck down and tighten down the 6 bolts. NOTE: 20-049X-XX FCSTs do not require sealing washers.	
	3mm Allen Wrench		
	Oil Lubrication	<b>20-0197-V Direct Mount Fill Neck, Vented</b> Place the gasket than the fill neck down and tighten down the 6 bolts. NOTE: 20-049X-XX FCSTs do not require sealing washers.	
		<b>20-1197-V FCST-X, Direct Mount Fill Neck, Vented</b> Place the O-ring than the fill neck down and tighten down the 3 bolts. NOTE: The FCST-X does not require sealing washers.	
2	Oil Lubrication	<b>20-0148 Fill Neck Cap</b> Apply a light coat of oil lubrication to the cap's O-ring. Spin the cap clockwise to fully tighten.	
	Wire Cutter		
	Wire Crimper	<b>20-0148-V Fill Neck Cap, Vented</b> Apply a light coat of oil lubrication to the cap's O-ring. Spin the cap clockwise to fully tighten.	
	5/64" Allen Wrench	To install the tether, crimp the ring terminal to the cable. Slide the compression sleeve over the wire. Wrap the cable around the fill neck. Crimp the compression sleeve to the cable. Secure the cable to the cap using the included bolt, as shown.	
3	5/32" Allen Wrench	<b>20-0495-V Dry Break, 1.5in, Female, Direct Mount, Vented</b> Using the knurling for grip, unscrew the top portion of the dry break from the bottom section counter-clockwise.	
	Oil Lubrication	Place the gasket down. Next, put the bottom portion of the dry break down and torque the 6 bolts to 32in-lbs.	
		Make sure the O-ring on the top portion of the dry break is lubricated. Spin the dry break back together.	
		<b>20-0549-V Dry Break, 1.5in, Female, Vented</b> Apply oil lubrication to the cap's O-ring and spin clockwise to tighten.	
4	5/32" Allen Wrench	<b>20-0360 Fill Neck Block-Off Kit</b> Place the gasket than the fill neck down and torque the 6 bolts to 32in-lbs. NOTE: 20-049X-XX FCSTs do not require sealing washers.	