

OUR PARTS PUT YOU IN THE PASSING LANE

FUEL SYSTEMS

Protect your fuel system.

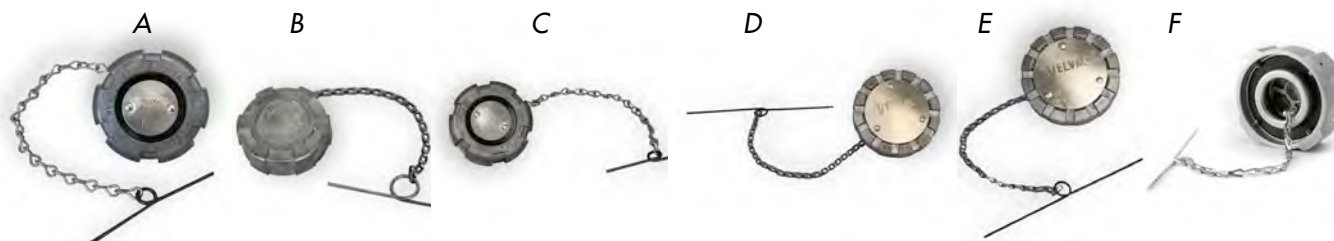
Velvac offers a wide range of locking fuel caps and anti-siphon tubes to keep unlawful occurrences at bay. With OEM approved designs and patented locking features, Velvac has your back.

- **Fuel caps**
- **Anti-siphon tubes**
- **Tank valves**

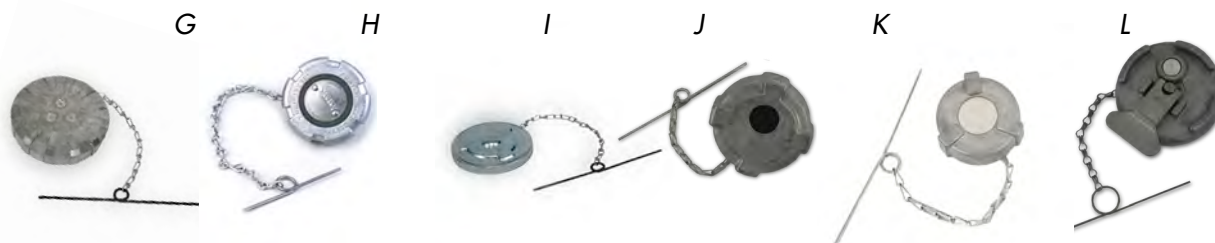


FUEL SYSTEMS

ALUMINUM NON-LOCKING FUEL CAPS — Designed for Diesel Fuel Applications



Part #	Photo	Type	V	T/R	P/R	Nominal Size	Threads Per Inch	Across Cap	Threads Filler Neck
600135	A	Female	•	•	•	2"	11-1/2 NPSH	2-1/4"	2-1/4"
600198	B	Female	-	•	-	2"	11-1/2 NPSH	2-1/4"	2-1/4"
600136	C	Female	•	•	•	2"	8 UN 2B	2-1/4"	2-1/4"
600186	D	Female Replaces Freightliner A03-12927-4 and Kenworth K071-398**	•	•	•	3-1/2"	5-1/2	3-3/8"	3-1/2"
600184	E	Female Replaces Freightliner A03-15682-4 and Western Star 43301-3401*	•	•	•	3"	8 NPSL	3.37"	3.37"
600148	F	Female, 1/4 Turn Replaces Freightliner 03-37017-000	-	•	-	3"	CAM CAP	N/A	N/A
600168	G	Female	-	•	-	3"	8 NPSL	4.35"	4.35"
600180	H	Female	•	•	•	4"	8 NPSM	4.35"	4.35"
601065	I	Bayonet	•	-	-	4"	N/A	3-7/8"	3-7/8"
600260	J	Female, Kenworth	•	•	•	3"	5-1/2 NS	3.35"	3.35"
600264	K	Female, Reefer & International	-	•	-	2"	11-1/2 NPSH	2-1/4"	2-1/4"
600211	L	Lever, Peterbilt	-	-	•	4"	-	N/A	N/A



Fuel Caps

- Comes in attractive clamshell packaging
- All locks have a single key available
- All locks are direct replacement of OEM caps

NOTES

* Freightliners after 1983 and Western Star after 1982 both with diesel fuel tanks with 3" male pipe filler necks

** Freightliners prior to 1984 and Kenworth after 1984, Peterbilt prior to 1980 and Western Stars prior to 1983 all with diesel fuel tanks with 3" male pipe filler necks

V Vented

T/R Thermal relief

P/R Pressure relief



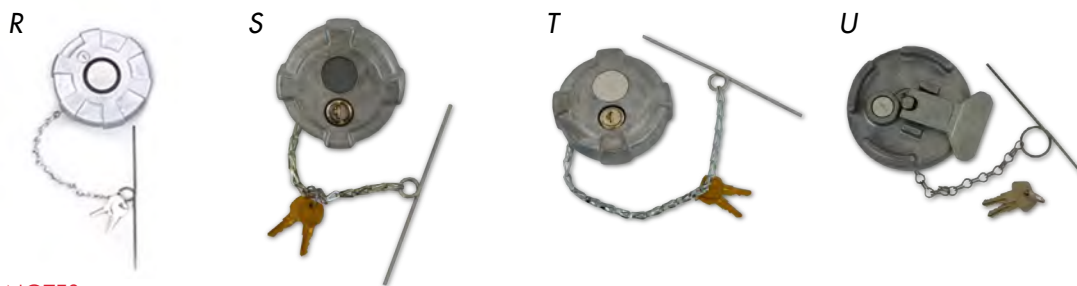
Call the Velvac Sales Team: **800.783.8871** sales@velvac.com

© VELVAC INC. • 2405 South Calhoun Road • New Berlin, WI 53151-2709 • Toll Free: 800.783.8871 • Fax: 262.786.4101

ALUMINUM LOCKING FUEL CAPS



Part #	Photo	Type	V	T/R	P/R	Nominal Size	Threads Per Inch	Across Cap	Threads Filler Neck
600150	M	Female, Freightliner M2	-	•	-	2.5"	8 UN	2.38"	2.38"
600185-6***	N	Female Replaces Freightliner A03-12927-6 and Kenworth K071-385-1234**	•	•	•	3"	5-1/2"	3-7/16"	3-1/2"
600183-6***	O	Female Replaces Freightliner A03-15682-6 and Western Star 43301-3403*	•	•	•	3"	8 NPSL	3.37"	3.37"
600149	P	Female, 1/4 Turn Replaces Freightliner 03-37017-002	-	•	-	3"	CAM CAP	N/A	N/A
600169-6	Q	Female	-	•	•	4"	8 NPSL	4.35"	4.35"
600181-6	R	Female	•	•	•	4"	8 NPSM	4.35"	4.35"
600259	S	Female, Volvo, Mack & International	-	-	•	3"	8 NPSL	3.37"	3.37"
600263	T	Female, Kenworth w/ Thermo Relief	-	•	-	3-1/2"	5-1/2 NS	3.38"	3.38"
600212	U	Lever, Peterbilt	-	-	•	4"	N/A	N/A	N/A



NOTES

*** Keys not available separately

V Vented

T/R Thermal relief

P/R Pressure relief

NOTE

All caps meet or exceed Federal Motor Carrier Safety Administration (FMCSA) requirements. This product conforms to the relief pressure and leakage rate test as required by 49 CFR 393.67 standards to protect from the inherent dangers associated with fuel leaks

Fuel caps come in attractive retail clamshell packaging

Part No. 600263 shown here >



FUEL SYSTEMS

GAS / DIESEL FUEL CAPS

Vented aluminum caps meet 49 CFR 393.67 requirements for vehicles built after October 1985. Vented brass caps are designed for use only on vehicles with non-vented fuel systems built prior to October 1985. Non-vented brass caps are designed for use only on vehicles equipped with properly vented fuel systems. For complete information on current fuel tank system requirements, see Code of Federal Regulations 49 CFR 393.67

- Available as vented or non-vented
- Fusible meltouts on brass fuel caps for thermal relief
- Safety chains and crossbars are standard on all caps except Part No. 600009 which features a 14" exterior cable with an attached 3/16" I.D. ring
- Patented Loc-Gard on locking cap protects against moisture and contaminants (US Patent No. 4,706,841)
- All locking fuel caps are supplied with 2 keys



Brass Locking Fuel Cap

- Nominal size - 2"
- Threads per inch - 11-1/2
- Cap - 2-1/4"
- Filler neck - 2-5/16"

Part #	Description
600196-6	Female, non-vented



Brass Fuel Cap

- Nominal size - 2"
- Threads per inch - 11-1/2
- Cap - 2-1/4"
- Filler neck - 2-5/16"

Part #	Description
600009	Female, non-vented



Brass Fuel Cap

- Nominal size - 2-1/8"
- Threads per inch - 12
- Cap - 2-1/8"
- Filler neck - 2-1/16"

Part #	Description
600017	Male, vented



Aluminum Locking Fuel Cap

- Nominal size - 2"
- Threads per inch - 11-1/2
- Cap - 2-1/4"
- Filler neck - 2-5/16"

Part #	Description
600270	Female, non-vented



Brass Fuel Cap

- Nominal size - 2"
- Threads per inch - 11-1/2
- Cap - 2-1/4"
- Filler neck - 2-5/16"

Part #	Description
600133	Female, non-vented
600007	Female, vented

WARNING!

Aluminum fuel caps are designed ONLY for Diesel applications; brass fuel caps are designed for gasoline, diesel and oil applications

NOTE: Part numbers listed in RED are NEW!



Call the Velvac Sales Team: **800.783.8871** sales@velvac.com

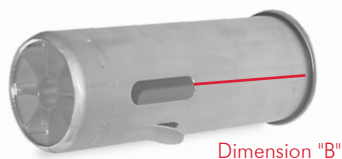
© VELVAC INC. • 2405 South Calhoun Road • New Berlin, WI 53151-2709 • Toll Free: 800.783.8871 • Fax: 262.786.4101

REPLACEMENT PARTS FOR CAPS



Part #	Replacement Part	Application
600011	2" Gasket	600196-6, 600009, 600133, 600007
600021	2 1/8" Gasket	600017
600081	3" Gasket	600184, 600185-6, 600183-6
601069	4" Gasket	600168, 600169-6, 600172, 600173-6
600041	Lock Cam	600169-6
600053	Lock Cam	600173-6
600175	Loc-Gard cap	600173-6
600176	Loc-Gard cap	600169-6, 600196-6
601063	Chain and bar	600168, 600169-6, 600172, 600173-6, 601065
600040	Chain and bar	600007, 600017, 600133, 600196-6
600631	Key No 31	Lock No 31 - Used on 600169-6 and 600196-6
600632	Key No 32	Lock No 32 - Used on 600169-6 and 600196-6
600633	Key No 33	Lock No 33 - Used on 600169-6 and 600196-6
600219	Key No 19	Lock No 19 - Used on 600169-6 and 600196-6
600220	Key No 20	Lock No 20 - Used on 600169-6 and 600196-6
600221	Key No 21	Lock No 21 - Used on 600169-6 and 600196-6

ANTI-SIPHON TUBES



Protect your fuel with Velvac's Anti-Siphon Tube

- Fast and easy installation — tube is designed to lock onto filler neck wall to prevent removal
- Eliminates the potential for fuel theft from syphoning through filler neck
- Durable all aluminum construction
- Vented design allows fueling at 20+ gallons per minute
- OEM approved with sizes to fit most vehicle applications



Part #	Dimension "B" *	Description
600241	3-3/4 inches	Fits heavy duty Volvo, International and Mack trucks
600242	3-3/4 inches	Fits heavy duty Volvo, International and Mack trucks
600243	2-3/4 inches	Fits heavy duty Kenworth
600244	2-3/4 inches	Fits heavy duty Freightliner
600245	2-1/4 inches	Fits medium-duty trucks
600246	3-3/4 inches	Fits medium-duty and Reefer trucks
600258	-	4" Anti-siphon tube
600265	-	2-1/2" Peterbilt anti-siphon tube w/ installation kit

NOTE

* Dimension "B" is from the underside of the top lip to the tip of the last barb

FUEL TANK VALVES



Ball Valve

- Designed for fuel line shutoff in gasoline and diesel vehicles. May also be used for water and air service lines
- Heavy-duty forged brass body provides extended service
- Teflon® seats and seals provide positive sealing with easy opening and closing
- 600 psi water, oil or fuel
- 150 psi on/off saturated steam service lines
- 29 in. Hg vacuum service

Part #	Description
060050	1/2" NPT
060051	3/8" NPT
060053	1/4" NPT

Three-way
060004



Three-way
060012



Tank Cocks

- All brass bodies
- Mounting flanges with 1/4" bolt holes
- Standard 1-1/2" stems

Four-way
060001, 060007



Part #	Description
060004	Three-way tank cock with 3/8" FPT side ports
060012	Three-way tank cock with 1/4" FPT bottom and side ports
060001	Four-way tank cock with 3/8" FPT bottom and side ports
060007	Four-way tank cock with 1/4" FPT bottom and side ports

RETURN FLOW SPLITTERS

- Designed for dual draw/dual return diesel fuel system
- Distributes fuel equally to both left and right tanks eliminating the need for crossover lines
- Durable zinc die cast bodies
- Convenient tee configuration for easy plumbing to each tank
- Applicable for marine use
- (3) 1/2" FPT ports
- (2) 1/4" mounting holes



Part #	Description	Vehicle Applications
060070	Standard flow	Fits heavy duty Volvo, International and Mack trucks
060071	High flow	Fits heavy duty Volvo, International and Mack trucks

DIESEL FUEL VALVES



- All brass bodies provide added durability — both with 1/2" MPT bottom ports
- Neoprene seats make valves compatible with most liquids

Part #	Description
060026	Leveling valve with 1/2" FPT side port
060027	Leveling valve with 5/8" SAE 45° male flare side port



Call the Velvac Sales Team: **800.783.8871** sales@velvac.com

© VELVAC INC. • 2405 South Calhoun Road • New Berlin, WI 53151-2709 • Toll Free: 800.783.8871 • Fax: 262.786.4101

ELECTRIC FUEL TANK SELECTOR VALVES

Six Port Motor-Driven Valve

- Designed for systems with fuel or vapor return lines - not for use with fuel systems operating over 30 psi
- Reduces the possibility of fuel returning to incorrect tank as valve remains in actuated position after power is disconnected
- Permits high closing pressures
- Can be used for biodiesel, vegetable oil and olive oil
- 12 VDC
- Operating temperature range of -40° to 180° F
- 3/8" supply lines, 5/16" return lines
- Weatherproof electrical connector
Part No. 060049 is required for all new installations



Part #	Description
060047	Six port motor-driven valve
060049	Electrical connector

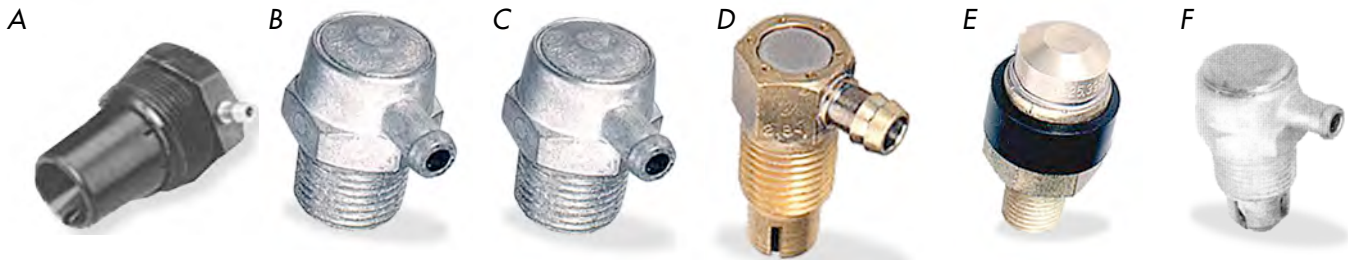
Fuel Solenoid Shut Off Valve

- 12 VDC
- 3/8" port
- 3" overall height
- Includes seal ring and port plug



Part #	Description
034095	Fuel solenoid valve

FUEL TANK SAFETY VENTS



- Feature patented anti-spill protection
- Vents meet all applicable DOT requirements

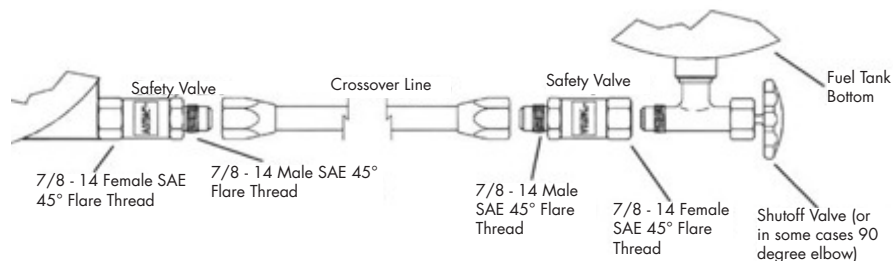
Part #	Photo	Thread Size	Barb Size (I.D. Hose)	Fuel Application	Vehicle Application
060060	A	1-1/4" PTF SAE Short	1/4"	Diesel	Peterbilt
060061	B	1/2"-14 PTF SAE Short	5/16"	Gasoline	Various
060062	C	1/2"-14 PTF SAE Short	5/16"	Diesel	Various
060063	D	1/4"-18" PTF	1/4"	Diesel	Various

Valves with Pressure and Thermal Relief Features

Part #	Photo	Thread Size	Barb Size (I.D. Hose)	Fuel Application	Pre-1992
060040	E	1/4"-18 PTF	N/A	Diesel	Kenworth
060064	F	1/2"-14 PTF SAE Short	5/16"	Diesel	Kenworth

NOTE: Part numbers listed in RED are NEW!

FUEL TANK VALVES



Fuel tank diagram

Crossover Fuel Line Safety Valve

- Functions as a "fuse" in the fuel crossover line, automatically shutting off the flow of fuel if the line between a vehicle's main and auxiliary tanks is torn away or obstructed
- Separates before the crossover fuel line ruptures, preventing damage to fuel tank lines, fittings and valves
- Reduces the risk of fire and fuel slick by minimizing fuel loss if crossover fuel line is torn away
- 3-1/8" length, 1-1/4" diameter
- Lightweight aluminum construction

Part #	Description
060056	Crossover fuel line safety valve

ADAPTER KITS



Filler Neck Adapter Kit

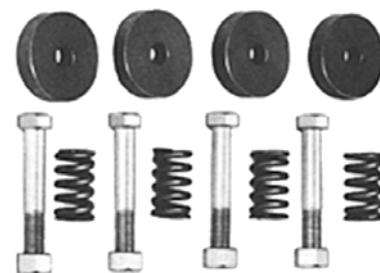
- Part No. 600112 allows 2" female fuel caps to be installed on filler necks with small inside diameters
- Part No. 600191 allows 2" female fuel caps to be installed on 2-1/2" male filler neck with 8 threads per inch
- Include aluminum adapter, installation instructions and adhesive

Part #	Description
600112	Filler neck adapter kit
600191	Filler neck adapter kit

Saddle Tank Mounting Kit

- Complete kit for mounting one saddle tank

Part #	Description	
602002	Saddle tank mounting kit	
Kit Contents:		
Part #	Description	Qty
060033	Rubber pad	4
	Spring	4
	Lock nut	4
	Hex bolt	4



1/2" center hole

NOTE

Replacement rubber pads available; no replacements available for other kit parts.



Call the Velvac Sales Team: **800.783.8871** sales@velvac.com

© VELVAC INC. • 2405 South Calhoun Road • New Berlin, WI 53151-2709 • Toll Free: 800.783.8871 • Fax: 262.786.4101