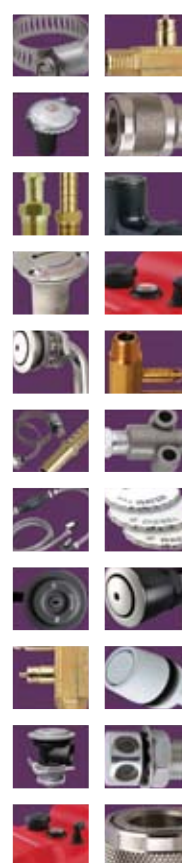




FUEL



EPA CERTIFIED PORTABLE FUEL SYSTEMS OVERVIEW	66
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FUEL

EPA CERTIFIED PORTABLE FUEL SYSTEMS

YOUR COMPREHENSIVE TANK-TO-ENGINE SOLUTION

As a result of new EPA regulations to reduce evaporative emissions, portable fuel systems are now manufactured to prevent fuel vapor from escaping into the atmosphere. These new EPA-compliant systems are sealed and unable to vent as in the past, causing pressure build up in the tank that rarely occurred prior to the new regulations.

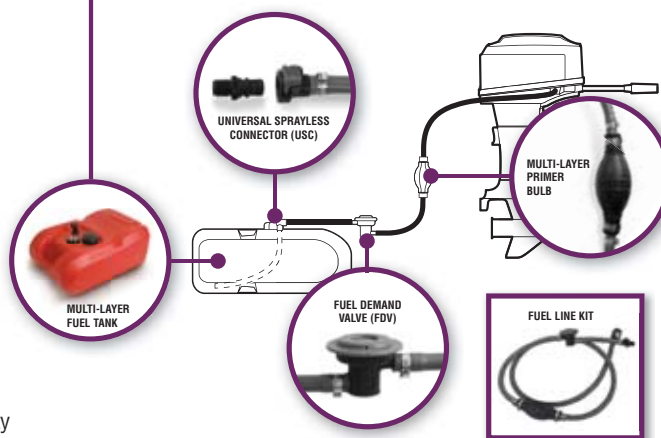
In addition, each component within the system adds potential restriction to fuel flow. As fuel restriction levels rise, engine performance is affected. In some cases, complete failure can occur.

Attwood's EPA-Certified Portable Fuel System components are designed specifically to handle the problems caused by pressure build up and fuel restriction inherent in today's closed EPA-compliant systems.

With Attwood's systems, your customer's engines will perform properly and valuable fuel will stay in the tank where it belongs. Plus they're safe, reliable and durable. That's the performance you'd expect from the industry leader in marine fuel systems and accessories.



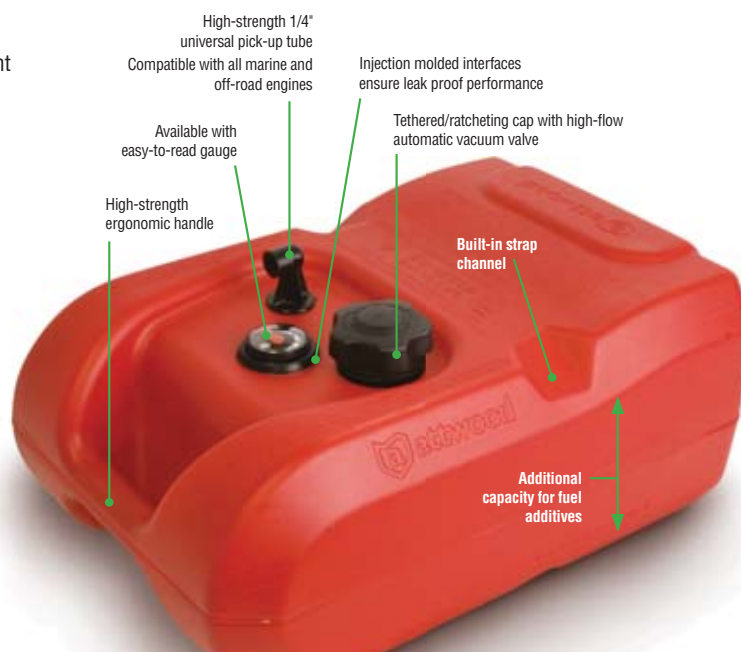
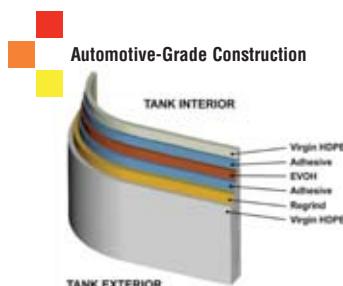
ATTWOOD HAS ENGINEERED THE INDUSTRY'S ONLY COMPREHENSIVE EPA-CERTIFIED FUEL TANK-TO-ENGINE SOLUTION.



EPA CERTIFIED FUEL TANKS

Attwood fuel tanks are tested to meet EPA, CARB, ABYC/NMMA and ASTM requirements for portable marine fuel tanks. They have industry leading fuel flow performance and are designed and manufactured for safety and durability in harsh marine conditions.

- Proven automotive-grade multi-layer construction withstands the pressure build up associated with closed systems
- Engineered for harsh conditions, temperature extremes and abuse
- Injection molded interfaces eliminate leaks
- Automatic vacuum valve in cap eliminates the need for manual vent
- Compatible with 1/4" NPT fuel fittings
- Built-in 5% ullage for fuel expansion



CATEGORY OVERVIEW

FUEL TANKS

EPA Certified multi-layer tank with industry leading fuel flow performance. Designed around the EPA and California Air Resources Board regulations. Features a new ergonomic design, an optional gauge and a tethered self sealing cap with audible click.

- Automatic vacuum valve ensures proper fuel flow and eliminates the need for manual vent
- Low permeation tank virtually eliminates fuel evaporation and fuel loss.
- Compatible with 1/4" NPT fuel fittings
- Ethanol and Alcohol compatible
- For use with Attwood Fuel Kits
- EPA & Carb Certified



3 Gallon Fuel Tanks

New EPA COMPLIANT 3 gallon fuel tank is perfect for use with small outboards.

new

Description	Dimensions			Aftermarket Packaging**
	Length	Width	Height	
3-gallon, without gauge	16.6"	11.45"	7.3"	8803LP2
3-gallon, with gauge	16.6"	11.45"	7.3"	8803LPG2
3-gallon, without gauge, single-pack	16.6"	11.45"	7.3"	8803LP2S
3-gallon, with gauge, single-pack	16.6"	11.45"	7.3"	8803LPG2S



8803LP



8803LPG

6 Gallon Fuel Tanks

New EPA COMPLIANT 6-gallon fuel tank adapts to virtually any outboard engine.

new

Description	Dimensions			Aftermarket Packaging**
	Length	Width	Height	
6-gallon, without gauge	19.82"	13.50"	9.16"	8806LP2
6-gallon, with gauge	19.82"	13.50"	9.16"	8806LPG2
6-gallon, without gauge, single-pack	19.82"	13.50"	9.16"	8806LP2S
6-gallon, with gauge, single-pack	19.82"	13.50"	9.16"	8806LPG2S



8806LP



8806LPG

12 Gallon Fuel Tanks

New EPA COMPLIANT 12-gallon fuel tank is ideal for pontoon boats where more fuel capacity is needed.

new

Description	Dimensions			Aftermarket Packaging**
	Length	Width	Height	
12-gallon, without gauge	22.75"	14.25"	14.47"	8812LP2
12-gallon, with gauge	22.75"	14.25"	14.47"	8812LPG2
12-gallon, low-profile, without gauge *	24.00"	18.00"	11.61"	8812LLP2
12-gallon, low-profile, with gauge *	24.00"	18.00"	11.61"	8812LLPG2



8812LP



8812LPG2



8812LLPG

* Available January 2013*

* Label

EPA CERTIFIED FUEL TANKS

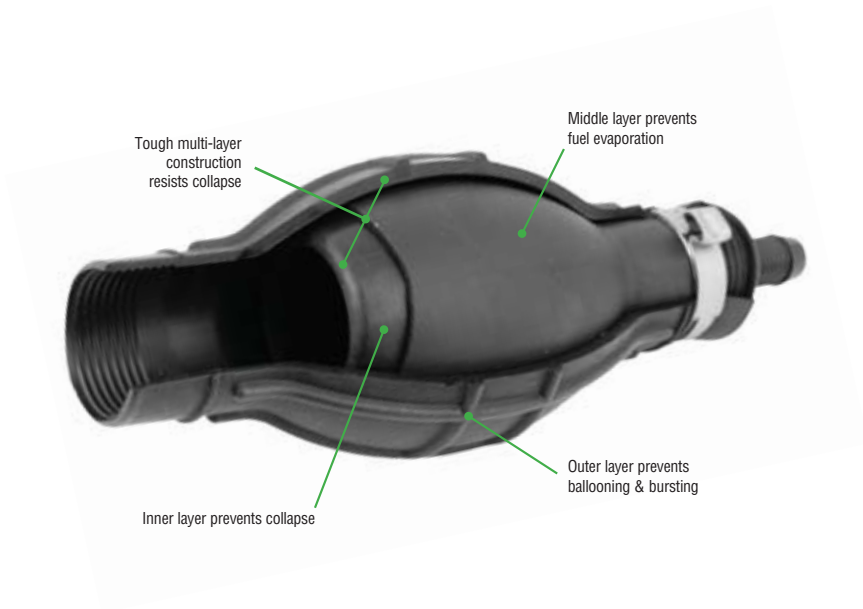
PRIMER BULBS

Attwood's multi-layer primer bulbs are designed to provide up to 60% more priming output than the competition while exceeding EPA and CARB requirements for fuel evaporation. Our exclusive three-layer design resists collapsing and hardening and ensures high output in temperatures ranging from 18°F to 122° F. Includes dual high-efficiency check valves. 2-year warranty.

- Exclusive three-layer construction prevents collapse under vacuum and ballooning/bursting under pressure
- Low-permeation material prevents evaporation
- 60% more output per pump than leading competitors for faster engine priming
- Operating temperature 18°F - 122°F
- Tested to ABYC H-25 and USCG requirements
- Exclusive high-efficiency check-valves for faster priming and low fuel restriction (less than 1kpa restriction at 50 liters/hour)
- Engineered hose barbs and stainless steel stepless clamps for leak- free performance
- Compatible with Ethanol blended fuels
- EPA and CARB certified

Description	Bulk Packaging	Aftermarket Packaging**
3/8" I.D.	—	93038LP7
5/16" I.D.	—	93516LP7
1/4" I.D.	—	93014LP7

new



** 7 = Clamshell

FUEL DEMAND VALVE

Attwood's exclusive Fuel Demand Valve eliminates engine flooding and spillage by preventing pressurized fuel from reaching the engine. The valve ensures that fuel is supplied to the engine only when demanded during start up or engine operation. Designed in partnership with OEM engine manufacturers, Attwood's Fuel Demand Valve is compatible with all OEM engine brands. 2-year warranty.



- Prevents engine flooding and fuel spillage due to pressurized fuel
- Allows only the amount of fuel requested by the engine and prevents a pressurized "slug" of fuel from reaching engine
- Made of high-strength composite material designed to withstand the harsh marine environment.
- Compatible with 3/8" and 5/16" fuel hose
- Installs between the fuel tank and the primer bulb
- Low vacuum restriction helps ensure proper engine function during startup and engine operation (less than 2kPa at 125 liters/hour)
- 20psi maximum nominal input pressure — protected for 40psi pressure spike
- Built in manual override
- Compatible with Ethanol blended fuels



Specifications

new

Operating Temp	Storage Temp	Operating Input Pressure	Flow Performance	Hose Size	Manual Override
-20°C to 80°C (-4°F to 176°F)	-40°C to 80°C (-40°F to 176°F)	138 kPa (20 psi) protected for 276 kPa (40 psi) psi pressure spike	125 L/H (33 GPH) at <2 kPa (10" gasoline)	8 mm – 10 mm (5/16" – 3/8")	Yes



9300FDV

Description	Siphon Protection	Bulk Packaging	Aftermarket Packaging**
In-Line Fuel Demand Valve		8M0044687	9300FDV7

** 7 = Clamshell

UNIVERSAL SPRAYLESS CONNECTOR (USC)

The Universal Sprayless Connector is a safe way to eliminate the spraying of fuel when connecting and disconnecting pressurized fuel hoses during fueling or maintenance. This unique component helps keep the fuel in the tank where it belongs. Includes male and female connectors for use with all standard marine fuel tanks – ¼” in (6.4 mm) NPT fittings.

- Attwood's Universal Sprayless Connector replaces traditional tank fittings and eliminates spray when connecting or disconnecting fuel fittings. 2-year warranty.
- High strength body engineered to withstand the harsh marine environment
- Female hose fitting compatible with 3/8" and 5/16" fuel lines
- Male fitting fits all standard 1/4" NPT fittings
- Male and Female connectors include check valves that automatically close upon disconnecting
- High fuel flow fitting (less than .25kpa restriction at 50 liters/hour)
- Compatible with Ethanol blended fuels
- Compatible with all OEM brand engines
- Meets all EPA and CARB requirements



WINNER OF THE 2011
IBEX INNOVATION AWARD



new

Description	Bulk Packaging	Aftermarket Packaging**
Universal Sprayless Connector – Male and Female	—	8838US6
Universal Sprayless Connector – Hose Female, 5/16"-3/8"	001008200	8838HF6
Universal Sprayless Connector – Tank Male, 1/4" NPT	001008199	8838TM6



8838HF6



8838TM6



8838US6

** -6 = Blister

Fuel Line Kits **new**

Attwood's new low-permeation Fuel Line Kits set the standard in performance, safety and value. They include Attwood's award-winning Universal Sprayless Connector (hose and tank fittings), multi-layer low-permeation Primer Bulb and fiber reinforced, low permeation fuel line. Fuel Demand Valve is optional.

- Includes 3/8" or 5/16" low-permeation fiber reinforced fuel hose designed to prevent kinking and hardening; rated up to 100°C
- Stepless 360 degree stainless steel clamps and engineered hose barbs designed for use in pressurized fuel systems and guaranteed to be leak free
- Compatible with Ethanol blended fuels
- Compatible with all OEM brand engines



Fuel Demand Valve
Eliminates engine flooding and spillage by preventing pressurized fuel from reaching the engine

Universal Sprayless Connector (USC)
Eliminates spray from fuel tank pressure when connecting and disconnecting pressurized fuel lines



Primer Bulb
Tough multi-layer construction resists collapse and ballooning. 60% more fuel output vs. competitors

Connections engineered for strength, durability and leak resistance

High-flow check valves ensure proper engine performance

Low-permeation, fiber-reinforced hose

Multi-layer high-strength, low-permeation bulb and hose resist collapse in extreme temperatures

EPA CERTIFIED PORTABLE FUEL COMPONENTS

Fuel Line Kits **new**



Engine	END FITTING					Primer Bulb	Fuel Demand Valve	Aftermarket Packaging
	Length	Diameter	Includes Hose Tank Fitting	Includes Hose Engine Fitting	Engine Fitting			
UNIVERSAL BRAND ENGINES AND TANKS								
Universal	6'	5/16"	None	None	None	Multi-layer / Low Permeation	No	951606ULP7
Universal	6'	3/8"	USC	USC	None	Multi-layer / Low Permeation	No	93806UUS7
Universal	6'	3/8"	USC	USC	None	Multi-layer / Low Permeation	Yes	93806UUSD7
Universal	12'	3/8"	USC	USC	None	Multi-layer / Low Permeation	No	93812UUS7
Universal	12'	3/8"	USC	USC	None	Multi-layer / Low Permeation	Yes	93812UUSD7
Universal	6'	3/8"	None	None	None	Multi-layer / Low Permeation	No	93806ULP7
Universal	6'	3/8"	None	None	None	Multi-layer / Low Permeation	Yes	93806UFDV7
Universal	12'	3/8"	None	None	None	Multi-layer / Low Permeation	No	93812ULP7
Universal	12'	3/8"	None	None	None	Multi-layer / Low Permeation	Yes	93812UFDV7
Universal	4'	3/8"	USC	USC	None	None	No	93804USC7
Universal	4'	3/8"	USC	USC	None	None	Yes	93804USCD7
Universal	10'	3/8"	USC	USC	None	None	No	93810USC7
Universal	10'	3/8"	USC	USC	None	None	Yes	93810USCD7
MERCURY BRAND ENGINES AND TANKS								
Mercury	6'	3/8"	USC	USC	8896LP6	Multi-layer / Low Permeation	No	93806MUS7
Mercury	6'	3/8"	USC	USC	8896LP6	Multi-layer / Low Permeation	Yes	93806MUSD7
Mercury	12'	3/8"	USC	USC	8896LP6	Multi-layer / Low Permeation	No	93812MUS7
Mercury	12'	3/8"	USC	USC	8896LP6	Multi-layer / Low Permeation	Yes	93812MUSD7
Mercury	6'	3/8"	None	8890LP6	8896LP6	Multi-layer / Low Permeation	No	93806MLP7
Mercury	6'	3/8"	None	8890LP6	8896LP6	Multi-layer / Low Permeation	Yes	93806MFDV7
Mercury	12'	3/8"	None	8890LP6	8896LP6	Multi-layer / Low Permeation	No	93812MLP7
Mercury	12'	3/8"	None	8890LP6	8896LP6	Multi-layer / Low Permeation	Yes	93812MFDV7
Mercury Pre-1998	6'	3/8"	USC	USC	8893LP6	Multi-layer / Low Permeation	No	93806AUS7
Mercury Pre-1998	6'	3/8"	USC	USC	8893LP6	Multi-layer / Low Permeation	Yes	93806AUSD7
Mercury Pre-1998	12'	3/8"	USC	USC	8893LP6	Multi-layer / Low Permeation	No	93812AUS7
Mercury Pre-1998	12'	3/8"	USC	USC	8893LP6	Multi-layer / Low Permeation	Yes	93812AUSD7
Mercury Pre-1998	6'	3/8"	None	8892-6	8893LP6	Multi-layer / Low Permeation	No	93806ALP7
Mercury / Mariner	6'	3/8"	None	8892-6	8896LP6	Multi-layer / Low Permeation	No	93806BLP7

† 8894-6 engine end hose fitting only fits Mercury/Mariner engines 4hp through V-6, 1998 and newer engines; also fits 1993 and newer Force 40hp and higher outboard engines.

* USC=Universal Sprayless Connector

** 7 = Clamshell

EPA CERTIFIED PORTABLE FUEL COMPONENTS

Fuel Line Kits **new**



Engine	END FITTING					Primer Bulb	Fuel Demand Valve	Aftermarket Packaging
	Length	Diameter	Includes Hose Tank Fitting	Includes Hose Engine Fitting	Engine Fitting			
JOHNSON BRAND ENGINES AND TANKS								
Johnson / Evinrude	6'	3/8"	USC	USC	8889LP6	Multi-layer / Low Permeation	No	93806EUS7
Johnson / Evinrude	6'	3/8"	USC	USC	8889LP6	Multi-layer / Low Permeation	Yes	93806EUSD7
Johnson / Evinrude	12'	3/8"	USC	USC	8889LP6	Multi-layer / Low Permeation	No	93812EUS7
Johnson / Evinrude	12'	3/8"	USC	USC	8889LP6	Multi-layer / Low Permeation	Yes	93812EUSD7
Johnson / Evinrude	6'	3/8"	None	8889LP6	8889LP6	Multi-layer / Low Permeation	No	93806ELP7
Johnson / Evinrude	6'	3/8"	None	8889LP6	8889LP6	Multi-layer / Low Permeation	Yes	93806EFDV7
Johnson / Evinrude	12'	3/8"	None	8889LP6	8889LP6	Multi-layer / Low Permeation	No	93812ELP7
Johnson / Evinrude	12'	3/8"	None	8889LP6	8889LP6	Multi-layer / Low Permeation	Yes	93812EFDV7
YAMAHA BRAND ENGINES AND TANKS								
Yamaha	6'	3/8"	USC	USC	8896LP6	Multi-layer / Low Permeation	No	93806YUS7
Yamaha	6'	3/8"	USC	USC	8896LP6	Multi-layer / Low Permeation	Yes	93806YUSD7
Yamaha	12'	3/8"	USC	USC	8896LP6	Multi-layer / Low Permeation	No	93812YUS7
Yamaha	12'	3/8"	USC	USC	8896LP6	Multi-layer / Low Permeation	Yes	93812YUSD7
Yamaha	6'	3/8"	None	8896LP6	8896LP6	Multi-layer / Low Permeation	No	93806YLP7
Yamaha	6'	3/8"	None	8896LP6	8896LP6	Multi-layer / Low Permeation	Yes	93806YFDV7
Yamaha	12'	3/8"	None	8896LP6	8896LP6	Multi-layer / Low Permeation	No	93812YLP7
Yamaha	12'	3/8"	None	8896LP6	8896LP6	Multi-layer / Low Permeation	Yes	93812YFDV7
HONDA BRAND ENGINES AND TANKS								
Honda	6'	3/8"	USC	USC	8900-6	Multi-layer / Low Permeation	No	93806HUS7
Honda	6'	3/8"	USC	USC	8900-6	Multi-layer / Low Permeation	Yes	93806HUSD7
Honda	12'	3/8"	USC	USC	8900-6	Multi-layer / Low Permeation	No	93812HUS7
Honda	12'	3/8"	USC	USC	8900-6	Multi-layer / Low Permeation	Yes	93812HUSD7
Honda	6'	3/8"	None	8902-6	8900-6	Multi-layer / Low Permeation	No	93806HLP7
FORCE BRAND ENGINES AND TANKS								
Force	6'	3/8"	USC	USC	8884-6	Multi-layer / Low Permeation	No	93806FUS7
Force	6'	3/8"	USC	USC	8884-6	Multi-layer / Low Permeation	Yes	93806FUSD7
Force	12'	3/8"	USC	USC	8884-6	Multi-layer / Low Permeation	No	93812FUS7
Force	12'	3/8"	USC	USC	8884-6	Multi-layer / Low Permeation	Yes	93812FUSD7
Force	6'	3/8"	None	None	8884-6	Multi-layer / Low Permeation	No	93806FLP7

* USC=Universal Sprayless Connector

** 7 = Clamshell

EPA CERTIFIED PORTABLE FUEL COMPONENTS

FUEL TANK AND HOSE FITTINGS

Attwood fuel tank fittings and hose fittings are suitable for use with leaded, unleaded, ethanol blended and alcohol-blended fuels. Unless otherwise specified, threaded fittings have 1/4" male NPT threads; barbed fittings fit 3/8" I.D. hose. Clamps are not included. Use thread sealant on all threads.

Fitting	Description	Material Construction	Mates to	Notes	Aftermarket Packaging**
MERCURY/MARINER BRAND ENGINES AND TANKS					
1/4" NPT Thread	Tank Male	Brass	8890LP6	Mercury Tank Fitting	8873-6
3/8" Barb	Hose Female	Acetal	8873-6	Mercury Tank Fitting	8890LP6
3/8" Barb	Hose Female	Acetal		Mercury Engine End	8896LP6
1/4" NPT Thread	Twist-lock Tank Female	Nylon	8892-6, 14532-6	w/90° elbow, 2-piece	8882-6
1/4" NPT Thread	Twist-lock Tank Female	Die-cast Zinc	8892-6, 14532-6	w/ 90° elbow, 1-piece	14530-6
1/4" NPT Thread	Twist-lock Tank Female	Nylon	8892-6, 14532-6		14507-6
3/8" Barb	Twist-lock Hose Female	Nylon	8892-6, 14532-6		8893LP6
3/8" Barb	Twist-lock Hose Female	Die-cast Zinc	8892-6, 14532-6		14534-6
3/8" Barb	Twist-lock Hose Male	Nylon	8882-6, 14507-6, 14530-6, 14534-6, 8893LP6		8892-6
3/8" Barb	Twist-lock Hose Male	Die-cast Zinc	8882-6, 14507-6, 14530-6, 14534-6, 8893LP6		14532-6
JOHNSON/EVINRUDE/OMC BRAND ENGINES AND TANKS					
1/4" NPT Thread	Tank Male	Brass	8889LP6, 88FHE516-6		8883-6
5/16" Barb	Hose Female	Acetal	8883-6	Tank or Engine End	88FHE516-6
3/8" Barb	Hose Female	Acetal	8883-6	Tank or Engine End	8889LP6

** -6 = Blister

Fuel Tank and Hose Fittings

Fitting	Description	Material Construction	Mates to	Notes	Aftermarket Packaging**
YAMAHA BRAND ENGINES AND TANKS					
1/4" NPT Thread	Tank Male	Brass	8896LP6, 88FHY516-6		8897-6
5/16" Barb	Hose Female	Acetal	8897-6	Tank or Engine End	88FHY516-6
3/8" Barb	Hose Female	Acetal	8897-6	Tank or Engine End	8896LP6
HONDA BRAND ENGINES AND TANKS					
1/4" NPT Thread	Tank Male	Chrome-plated brass	88FHH038-6	Under 90HP (Small Bore)	88FTH014-6
3/8" Barb	Hose Female	Chrome-plated brass	88FTH014-6	Under 90HP (Small Bore)	88FHH038-6
1/4" NPT Thread	Tank Male	Chrome-plated brass	8902-6	90HP+ (Large Bore)	8901-6
3/8" Barb	Hose Female	Chrome-plated brass	8901-6	90HP+ (Large Bore)	8902-6
3/8" Barb	Hose Female	Acetal		Engine End	8900-6
CHRYSLER BRAND ENGINES AND TANKS					
1/4" NPT Thread	Tank Male	Chrome-plated brass	8884-6		14509-6
3/8" Barb	Hose Female	Chrome-plated brass	14509-6		8884-6
SUZUKI BRAND ENGINES AND TANKS					
1/4" NPT Thread	Tank Male	Chrome-plated brass	88FTS014-6	Under 75HP (Small Bore)	14509-6
3/8" Barb	Hose Female	Chrome-plated brass	14509-6	Under 75HP (Small Bore)	88FTS014-6
1/4" NPT Thread	Tank Male	Chrome-plated brass	88FHS516-6, 8884-6	75HP+ (Large Bore)	14527-6
5/16" Barb	Hose Female	Chrome-plated brass	14527-6	75HP+ (Large Bore)	88FHS516-6
3/8" I.D Barb	Hose Female	Chrome-plated brass	14527-6	75HP+ (Large Bore)	8884-6

† Fits select Mercury/Mariner, Yamaha, Honda, and Force brand quick-connect engine fittings
 ** -6 = Blister

Fuel Tank and Hose Fittings

Fitting	Description	Material Construction	Mates to	Notes	Aftermarket Packaging**
TOHATSU/NISSAN BRAND ENGINES AND TANKS					
1/4" NPT Thread	Tank Male	Chrome-plated brass	88FHN038-6	Under 90HP (Small Bore)	88FTN014-6
3/8" I.D. Barb	Hose Female	Chrome-plated brass	88FTN014-6	Under 90HP (Small Bore)	88FHN038-6
1/4" NPT Thread	Tank Male	Chrome-plated brass	88FHN038-6	90HP+ (Large Bore)	88FTNP014-6
3/8" I.D. Barb	Hose Female	Chrome-plated brass	88FTNP014-6	90HP+ (Large Bore)	88FHN038-6
UNIVERSAL FITTINGS AND ADAPTERS					
1/4" NPT x 1/4" NPTF	90° Elbow	Brass			8887-6
3/8" NPT x 3/8" NPTF	90° Elbow	Brass			88FE100-6
1/8" NPT x 3/8" Barb	Male Thread, hose barb	Brass			88FBM104-6
1/4" NPT x 1/4" Barb	Male Thread, hose barb	Brass			88FBM105-6
1/4" NPT x 5/16" Barb	Male Thread, hose barb	Brass			88FBM101-6
1/4" NPT x 3/8" Barb	Male Thread, hose barb	Brass			14540-6
3/8" NPT x 3/8" Barb	Male Thread, hose barb	Aluminum			88FBMA102-6
1/4" NPTF x 3/8" Barb	Female Thread, hose barb	Brass			88FBF102-6
1/4" NPT x 3/8" Barb	Male Thread, Anti-Siphon Valve	Aluminum			88FAS014-6
3/8" NPT x 3/8" Barb	Male Thread, Anti-Siphon Valve	Aluminum			88FAS038-6
3/8" Hose Mender	Inline Fuel Splice Kit	Brass		Includes (2) Stainless Steel Hose Clamps	11822-6
5/16" Hose Mender	Inline Fuel Splice Kit	Brass		Includes (2) Stainless Steel Hose Clamps	11823-6
1/4" Hose Mender	Inline Fuel Splice Kit	Brass		Includes (2) Stainless Steel Hose Clamps	11824-6

Fuel Tank and Hose Fittings

MERCURY



8873



8890LP



8896LP



8882



14530



14507



8893LP



14534



8892



14532

JOHNSON



8883



88FHE516



8889LP

YAMAHA



8897



88FHY516



8896LP

HONDA



88FTH014



88FHH038



8901



8902



8900

Always use thread sealant when assembling threaded fittings.

Fuel Tank and Hose Fittings

CHRYSLER


14509


8884

SUZUKI


14509


88FTS014


14527


88FHS516


8884

TOHATSU/NISSAN


88FTN014


88FHN038


88FTNP014


88FHN038

UNIVERSAL


8887


88FE100


88FBM104


88FBM105


88FBM101


14540


88FBMA102


88FBF102


88FAS014


88FAS038


11822/11823/11824

Always use thread sealant when assembling threaded fittings.

Fuel Tank Valves: Shut Off & Multiple Draw

TANK VALVES: THREE-WAY & SHUT OFF			
Description		Bulk Packaging	Aftermarket Packaging**
3-way valve	Brass: three ¼" female NPTF, click detents	—	88FV101-6
3-way valve	Brass: three 3/8" female NPTF, click detents	—	88FV102-6
Shut-off valve	Brass: ¼" NPT x ¼" NPTF	—	88FV200-6
Shut-off valve	Brass: ¼" NPT x ¼" NPT	—	88FV201-6
Shut-off valve	Brass: ¼" NPTF x ¼" NPTF	—	88FV202-6



88FV101



88FV102



88FV200



88FV201



88FV202

** -6 = Blister

EPA CERTIFIED INTEGRATED FUEL SYSTEMS

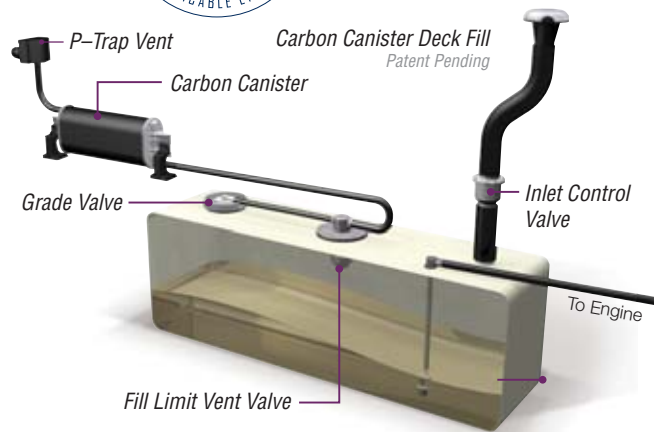


REMOTE FILL FUEL SYSTEMS

- Supports Jerry Can and marina nozzle refueling
- Exclusive overfill and overpressure relief protection
- Auto nozzle shutoff 4 to 18 gpm

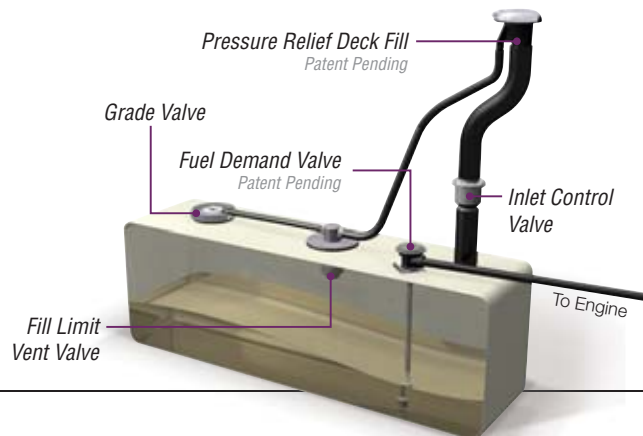
Carbon Canister Fuel System **new**

- Industry leading carbon canister performance
- Designed to ensure liquid fuel or water does not reach canister



Pressure Relief Fuel System **new**

- Dual 1 psi diurnal emission control pressure relief valves
- Triple vacuum valves ensure maximum make-up air flow
- Exclusive fuel demand valve eliminates need for rigid fuel distribution lines

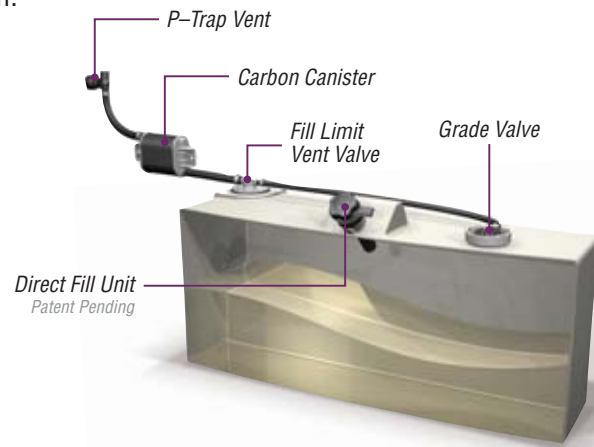


DIRECT FILL FUEL SYSTEM

Attwood's new Direct Fill System replaces remote Deckfill and Inlet Control Valve (ICV) with a single, low-cost unit. It's compatible with Attwood's Carbon Canister architecture and performs automatic shut-off function when used with an Attwood system.

Carbon Canister Fuel System **new**

- Exclusive overfill and overpressure relief protection
- Ratcheting and tethered cap features integrated overpressure relief safety valve
- Compatible with Jerry Can refueling
- Anti-backout feature prevents accidental removal
- Auto nozzle shutoff 4-10 gpm



INTEGRATED FUEL COMPONENTS

EPA CERTIFIED

The benefits of a complete Attwood Remote Fill Solution:

- Support 4 to 18 gallon per minute refueling and automatic nozzle shutoff when integrating the following Attwood parts:
 - ▶ Either the Carbon Canister or Pressure Relief Deckfill
 - ▶ Inlet Control Valve
 - ▶ Fill Limit Vent Valve
 - ▶ Grade Valve
- Exclusive overpressure relief and overfill protection when integrating the following Attwood parts:
 - ▶ Carbon Canister or Pressure Relief Deckfill
 - ▶ Inlet Control Valve
- Meet ABYC venting and ullage requirements, and keep liquid fuel out of the Carbon Canister when integrating the following Attwood parts:
 - ▶ Fill Limit Vent Valve
 - ▶ Grade Valve
- Meet EPA diurnal emission control requirements when integrating the following Attwood parts:
 - ▶ Carbon Canister or Pressure Relief Deckfill

Use Attwood fill limit vent valve and grade valve with Attwood Carbon Canister to ensure liquid fuel does not reach the canister
- Keep liquid water out of the Carbon Canister when integrating the following Attwood parts:
 - ▶ Attwood P-Trap vents; 1670-1, 1671-1 and 1674-1
- Integration support using Attwood's online Integrated Fuel Portal
 - ▶ Implementation support in conjunction with leading tank manufacturers



Deckfills for Carbon Canister Systems

- Hinged audible click cap meets new EPA requirements
- Built-in nozzle retention
- Exclusive nozzle retention and carb bellows mating
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating standards
- Designed and tested to prevent water from entering the fuel system
- Compatible with Ethanol blended fuels
- Integrated flame / spark arrestor
- ISO symbol compatible w/CE and worldwide marking requirements
- Fits 1-1/2" fill hose
- Includes dual over pressure relief valves

new

Description	Body	Cap	Bulk Packaging	Aftermarket Packaging
Deckfill for Carbon Canister	Straight	Black Plastic	99DFCCSB1	—
		White Plastic	99DFCCSW1	—
		Chrome	99DFCCSZ1	—
	Angled	Black Plastic	99DFCCAB1	—
		White Plastic	99DFCCAW1	—
		Chrome	99DFCCAZ1	—



Carbon Canister Direct Fill

- Includes ratcheting tethered cap
- Replaces remote Deckfill and Inlet Control Valve (ICV) with a single, low-cost unit
- Compatible with Attwood's Carbon Canister architecture
- Performs automatic shut-off function when used with an Attwood system
- Exclusive nozzle retention and carb bellows mating
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating standards
- Exclusive overfill and overpressure relief protection
- 4-10 gpm refueling rate

new

Description	Body	Cap	Bulk Packaging	Aftermarket Packaging
Carbon Canister Direct Fill			99TDF100-1	—



EPA CERTIFIED INTEGRATED FUEL COMPONENTS

Deckfills for Pressure Relief Systems

- EPA certified diurnal emission control component
- Dual 1 psi pressure relief valves for diurnal emission control
- Triple vacuum valves ensure superior fuel flow and exceptionally low vacuum restriction
- Hinged audible click cap meets new EPA requirements
- Built-in nozzle retention
- Meets proposed CARB requirement for Phase II refueling vapor recovery (bellow mating)
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating standards
- Designed and tested to prevent water from entering the fuel system
- Compatible with Ethanol blended fuels
- Integrated flame / spark arrestor
- ISO symbol compatible w/CE and worldwide marking requirements
- Fits 1-1/2" fill hose and 5/8" vent hose

new

Description	Body	Cap	Bulk Packaging	Aftermarket Packaging
Deckfill for Pressure Relief System	Straight	Black Plastic	99DFPVS81	—
		White Plastic	99DFPVS81	—
		Chrome	99DFPVSZ1	—
	Angled	Black Plastic	99DFPVAB1	—
		White Plastic	99DFPVAW1	—
		Chrome	99DFPVAZ1	—



99DFPVSS

Inlet Control Valve

- Compatible with 1-1/2" fill hose
- Compatible with Ethanol blended fuels
- Can be oriented between 0°–90° in line with fuel flow

new

Description	Body	Cap	Bulk Packaging	Aftermarket Packaging
Inlet Control Valve			99ICV000-1	—
ICU Heat Shield			99ICV000HS1	—



99ICV000

Fill Limit Vent Valves

- Sets the full level of fuel in the tank
- Prevents liquid fuel reaching the carbon canister or vent system during vessel operation, trailering and storage when used with the Grade Valve
- Compatible with Ethanol blended fuels
- Passes all USCG CFR 33 and ABYC H-24 fire test requirements

new

Description	Shut-off Height	Bulk Packaging	Aftermarket Packaging
Fill Limit Vent Valve with GRV Communication	0.8"	99FLN080-1	—
	1.00"	99FLN100-1	—
	1.40"	99FLN140-1	—
	1.70"	99FLN170-1	—
	2.30"	99FLN230-1	—
	3.30"	99FLN330-1	—
Fill Limit Vent Valve without GRV Communication	0.8"	99FLF080-1	—
	1.00"	99FLF100-1	—
	1.40"	99FLF140-1	—
	1.70"	99FLF170-1	—
	2.30"	99FLF230-1	—
	3.30"	99FLF330-1	—
Fill Limit Vent Valve Gasket		99FLG000-1	—



99FLN



99FLF

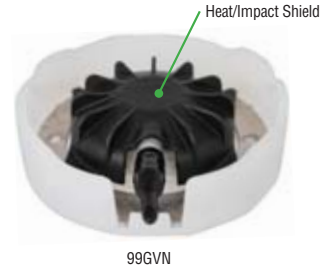
EPA CERTIFIED INTEGRATED FUEL COMPONENTS

Grade Valve

- When used in conjunction with a fill limit vent valve, allows proper venting when the fuel tank is in unusual angles
- Prevents liquid fuel reaching the carbon canister or vent system during vessel operation, trailering and storage
- Integrated impact protection feature
- Compatible with Ethanol blended fuels
- Passes all USCG CFR 33 and ABYC H-24 fire test requirements

new

Description	Bulk Packaging	Aftermarket Packaging
Grade Valve	99GVN000-1	—
Grade Valve Tank Gasket	99GVG000-1	—



Carbon Canisters

- Fits 5/8" vent hose
- Can be mounted in any orientation using brackets provided
- Compatible with Ethanol blended fuels
- Low permeation shell reduces overall system emissions

new

Description	Trailerable Vessel Capacity	Non-trailerable Vessel Capacity	Dimensions Length Width Height	Bulk Packaging	Aftermarket Packaging
COMPACT					
Brackets OEM Installed	70 Gal.	110 Gal.	Refer to Horizontal/Vertical	99CC045-1	—
Brackets Pre-installed Horizontal Orientation	70 Gal.	110 Gal.	11.6" x 5.04" x 4.01"	99CC045H1	—
Brackets Pre-installed Vertical Orientation	70 Gal.	110 Gal.	10.48" x 3.05" x 5.50"	99CC045V1	—
Fire Protection for Engine Compartment	70 Gal.	110 Gal.	11.68" x 4.08" x 5.68"	99CC045HSA1	—
STANDARD					
Brackets OEM Installed	220 Gal.	350 Gal.	Refer to Horizontal/Vertical	99CC085-1	—
Brackets Pre-installed Horizontal Orientation	220 Gal.	350 Gal.	17.22" x 5.04" x 4.01"	99CC085H1	—
Brackets Pre-installed Vertical Orientation	220 Gal.	350 Gal.	16.52" x 3.05" x 5.50"	99CC085V1	—
Fire Protection for Engine Compartment	220 Gal.	350 Gal.	17.74" x 4.08" x 5.68"	99CC085HSA1	—
LARGE VESSEL					
Brackets OEM Installed	420 Gal.	660 Gal.	Refer to Horizontal/Vertical	99CC150-1	—
Brackets Pre-installed Horizontal Orientation	420 Gal.	660 Gal.	25.10" x 5.04" x 4.01"	99CC150H1	—
Brackets Pre-installed Vertical Orientation	420 Gal.	660 Gal.	24.41" x 3.05" x 5.50"	99CC150V1	—
Fire Protection for Engine Compartment	420 Gal.	660 Gal.	25.61" x 4.08" x 5.68"	99CC150HSA1	—



Fuel Demand Valve new

The integrated fuel demand valve, used in conjunction with integrated fuel systems, is for below deck use, eliminates pressurized fuel from reaching fuel distribution lines and your engine and ensures that fuel is provided to the engine on demand rather than as a result of pressure in the tank. Additional features include:

- Compatible with Ethanol blended fuels
- Eliminates the need for rigid fuel distribution lines in pressure relief systems (per ABYC H-24.15.9)

Specifications

Operating Temp	Storage Temp	Operating Input Pressure	Flow Performance	Hose Size	Manual Override
-20°C to 80°C (-4°F to 176°F)	-40°C to 80°C (-40°F to 176°F)	138 kPa (20 psi) protected for 276 kPa (40 psi) psi pressure spike	125 L/H (33 GPH) at <2 kPa (10" gasoline)	8 mm – 10 mm (5/16" – 3/8")	Yes

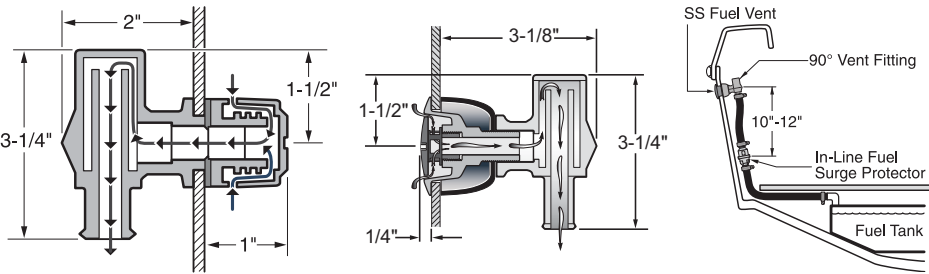
Description	Siphon Protection	Bulk Packaging	Aftermarket Packaging
Integrated Fuel Demand Valve (IFDV)	0"	99IFDV00-1	—
Base for Aluminum Tank with FDV		99DVA01-1	—
Base for Aluminum Tank		99DVA02-1	—
Pick-Up Tube Barb with O-Ring		99DVB01-1	—
IFDV Installation Clip		99DVC01-1	—
Base for Plastic Tank		99DVP02-1	—
IFDV Plug Cap with Seal		99DVP03-1	—
Plastic Tank Compression Nut		99DVP04-1	—
Heat Shield		99IFDVS1	—



99IFDV

90° P-Trap Fuel Tank Vents

These vents help prevent water from entering the fuel tank, yet allow air to vent freely, during normal sea conditions and washdowns. This eliminates the need for an anti-siphon loop in the vent hose. For 5/8" I.D. hose. Meets ABYC Standard. The arrows in this cross-section show the baffled route that water would have to travel in order to reach the fuel vent hose. Compatible with Ethanol blended fuels



Description	Maximum Hull Thickness	Installation Hole Size	Style	Bulk Packaging	Aftermarket Packaging**
Standard Mount - 5/8" I.D. Hose	9/16"	3/4"	Black with black vent head	1670-1	1670-3
			Black with white vent head	1671-1	—
			Black with stainless steel trim cover	66419-1	66419-3
			Gasket	911347	—
Replacement covers	—	—	For 1670	911526-1	—
			For 1671	911527-1	—
			For 66419	911528-1	—
Flush Mount - 5/8" I.D. Hose	1"	3/4"	Black with stainless steel vent head	1674-1	1674-6
Spacer	1/4" - 1/2"	—	For 1674/1684	911507	—
	1/2" - 3/4"	—	For 1674/1684	911508	—

** -3 = Skin Pack, -6 = Individual Carton



1670



1674

ACCESSORIES

FOR PORTABLE AND INTEGRATED FUEL SYSTEMS

Motor Well Boot

Motor well boot provides organized, covered pass-thru for control cables, wires, or fuel lines. Split side allows for installation without disconnecting controls. Includes tie for secure fit. Black rubber, UV-resistant construction with polypropylene attachment gasket ring.

Description	Bulk Packaging	Aftermarket Packaging**
For 3"-diameter opening	—	12822-5
For 4"-diameter opening	—	12820-5



Fuel Tank Strap Sets

1"-wide white nylon web strap with zinc-plated carbon steel snap and quick-release buckle. Includes metal foot-man securing loops and screws.

Description	Bulk Packaging	Aftermarket Packaging**
48" long for 3-6 gallon tanks	—	11526-3
72" long for 12-gallon tanks	—	11512-3



Filter Funnels

Fine mesh screen filters out most foreign matter. Lightweight floating polyethylene plastic.

Description	Bulk Packaging	Aftermarket Packaging
Short rigid, with handle	14582-1	—
Long flexible, with handle	14580-1	—



Hose Clamps

Constructed of non-corrosive stainless steel. For attaching any Attwood primer bulb or fitting to fuel lines or use larger size for all vents, P-traps, etc.

Description	Bulk Packaging	Aftermarket Packaging**
5/16" to 7/8" O.D. Hose	—	8800-6
5/8" to 1 1/8" O.D. Hose	—	8801-6
1/4" to 5/8" O.D. Hose	—	8802-6



** -3 = Skin Pack, -5 = Poly Bag, -6 = Blister

Fuel/Water Separator & Canister

With Double Seal. Universal 3/8" (.85cm) ports.

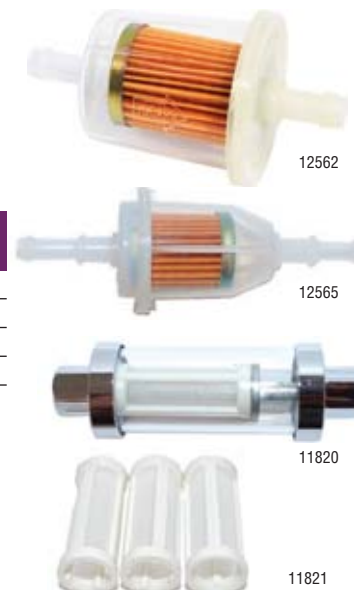
Description	Bulk Packaging	Aftermarket Packaging**
Universal Fuel/Water Separator Fits all 2 and 4 cycle engines. 10 Micron Filter and bracket included. Replaces Mercury 35-60494A4. Includes 2 brass plugs.	—	11840-7
Fuel/Water Separator 10 Micron Replacement for: Mercury 35-60494-1, Aqua Power 6031, GLM 24940, Sierra 18-78250, SMI 15494, Valmar 52113, Marpac 7-0872	—	11841-4



Outboard Fuel Filter

Disposable in-line fuel filters work with most outboard motors. Protects carbureted engines by trapping pollutants. Clear body allows visual inspection.

Description	Bulk Packaging	Aftermarket Packaging**
Outboard Fuel Filter for 3/8" lines	—	12562-6
Outboard Fuel Filter for 5/16" lines	—	12565-6
Universal In-Line Fuel Filter	—	11820-7
Replacement Filters, Set of 3	—	11821-7



Oil to Gas Mixing Container

Allows the addition of the exact amount of oil required for a 2 cycle engine. Oil level marks are in gallons and litres. Determines ratios for 100:1, 50:1, 24:1 and 10:1 mixes. Wide mouth, quart size bottle.

Description	Bulk Packaging	Aftermarket Packaging**
Oil to Gas Mixing Container	—	11873-1



Boater's Key Pocket Tool

Like a tool box in your hand. At just 3-1/2" high, it's amazing how much work the boater's key can do. Made of high quality polished Stainless Steel. 8 tools for a thousand uses: Garboard Plug Wrench 9/16" – standard size for garboard and other plugs, Deck Keys for Fuel and Water Fills. 2 sizes, fits Attwood and most others, Shackle Key, 1/4" Slotted Screwdriver, Hex Head Wrenches 5/16" and 7/16", Bottle Opener.

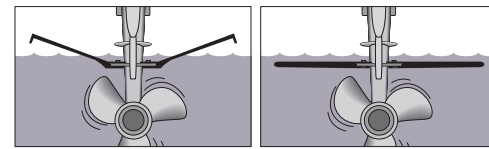
Description	Bulk Packaging	Aftermarket Packaging**
Stainless Steel Boater's Key	—	66500-3



** -1 = Label, -3 = Skin Pack, -4 = Individual Carton, -7 = Clamshell

Hydro-Stabilizer

Gives outboards and stern drives a performance boost, improving both stability and handling. The Hydro-Stabilizer out-performs ordinary flat hydrofoils by reducing drag when the hull goes on plane. Installs on a large variety of motor styles and sizes and includes stainless steel bolts and lock nuts. Wings constructed of black molded plastic. The Hydro-Stabilizer quickly puts the boat on plane and helps pull skiers out of the hole faster. Even at lower RPMs, it keeps the boat on plane. The wings provide a smoother, more stable ride and reduces ventilation in turns.



Hydro-Stabilizer

Ordinary Hydro-Foil

Description	Bulk Packaging	Aftermarket Packaging**
For outboards and stern drives 50 horsepower and above	—	9400-7
For outboards under 50 horsepower	—	9401-7



9400

Outboard Motor Safety Cable

Prevents loss of small outboard engines. Clear vinyl-coated, heavy-duty steel cable. Has a loop on one end, and includes a snap hook on the other end. 3/32" diameter, 50" long.

Description	Bulk Packaging	Aftermarket Packaging**
3/32" dia. x 50" long	—	11664-3



11664

12-Volt Oil Extractor

Save money on expensive oil changes. Extracts oil through dipstick tube on sterndrives and outboards. Built-in cable storage. Includes 1/4" (0.6 cm) extractor tube, 1/2" (1.3 cm) output tube and 12-volt battery connectors

Description	Bulk Packaging	Aftermarket Packaging**
Oil change pump	—	12561-7



12561

Gear Lube Pump

For use with 32 oz. gear lube bottles. The pump fits any outboard or sterndrive and includes one Yamaha® adapter.

Description	Bulk Packaging	Aftermarket Packaging**
Gear Lube Pump	—	11891D7



11891

Universal Motor Flushers

Quickly flushes away salt, sand, silt, and alkali to prevent clogging and corrosion. The flusher attaches easily to an ordinary garden hose. Reinforced polypropylene. Selfadjusting clamping yoke fits most domestic or imported I/O's and outboards. Molded cups deliver fresh water from a garden hose to flush the cooling system through side intakes on the lower unit. Note: Do not use full flow from hose.

Description	Bulk Packaging	Aftermarket Packaging**
Round with plastic body	—	9372-2
Round with metal body	—	16205-5
Rectangular motor flusher	—	16207-2
Dual motor flusher	—	16208-7



9372

16205

16207

16208

** -2 = Hang Tag, -3 = Skin Pack, -5 = Poly Bag, -7 = Clamshell

FUEL TANKS

NON EPA CERTIFIED / INTERNATIONAL

Attwood's advanced manufacturing technology produces high-quality, high-impact molded plastic gas tanks, fuel lines, and related products that are suitable for use with leaded, unleaded, and alcohol-blended fuels. All include vented cap, filtered pick-up tube, and gas line coupling for 1/4" NPT fittings.

3 Gallon Fuel Tanks

Perfect for use with small outboards.

- Manufactured from durable, high impact polyethylene—won't rust or corrode.
- Auto sealing vented cap with manual override for storage and transport
- Ergonomic handle design makes it easy to carry when full
- 1/4" NPT thread to fit all standard tank fittings and outboard engine fuel line systems
- 3/8" I.D. pick-up tube provides greater fuel flow to high performance engines

Description	Bulk Packaging	Aftermarket Packaging**
3-gallon, without gauge , CSA Certified	—	8803i2



8803

6 Gallon Fuel Tanks

Adapts to virtually any outboard engine.

- Manufactured from durable, high impact polyethylene—won't rust or corrode.
- Auto sealing vented cap with manual override for storage and transport
- Ergonomic handle design makes it easy to carry when full
- 1/4" NPT thread to fit all standard tank fittings and outboard engine fuel line systems
- 3/8" I.D. pick-up tube provides greater fuel flow to high performance engines

Description	Bulk Packaging	Aftermarket Packaging**
6-gallon, without gauge , CSA Certified	—	8806i2
6-gallon, with gauge, CSA Certified	—	8806iG2



8806

12 Gallon Fuel Tanks

Ideal for pontoon boats where more fuel capacity is needed.

- Fits most pontoon trays
- Manufactured from durable, high impact polyethylene—won't rust or corrode.
- Auto sealing vented cap with manual override for storage and transport
- Ergonomic handle design makes it easy to carry when full
- 1/4" NPT thread to fit all standard tank fittings and outboard engine fuel line systems
- 3/8" I.D. pick-up tube provides greater fuel flow to high performance engines

Description	Bulk Packaging	Aftermarket Packaging**
12-gallon, without gauge	—	8812i2
12-gallon, with gauge	—	8812iG2



8812

** Label

PORTABLE FUEL COMPONENTS

NON EPA CERTIFIED / INTERNATIONAL

Fuel Line Kits

For use with portable fuel tanks and popular outboard engines. Made to the highest quality standards.

Engine	END FITTING					Primer Bulb	Fuel Demand Valve	Aftermarket Packaging
	Length	Diameter	Tank Fitting	Fits Attwood Tank Fitting	Engine Fitting			
UNIVERSAL BRAND ENGINES AND TANKS								
Universal	6'	3/8"	None	N/A	None	Standard	No	93806UI7
MERCURY BRAND ENGINES AND TANKS								
Mercury Pre-1998	6'	3/8"	8892LP6	8882-6	8893LP6	Standard	No	93806AI7
Mercury	6'	3/8"	8890LP6	8873-6	8894LP6	Standard	No	93806MI7
JOHNSON BRAND ENGINES AND TANKS								
Johnson / Evinrude	6'	3/8"	8889LP6	8883-6	8889LP6	Standard	No	93806EI7
YAMAHA BRAND ENGINES AND TANKS								
Yamaha	6'	3/8"	8896LP6	8897-6	8896LP6	Standard	No	93806YI7
HONDA BRAND ENGINES AND TANKS								
Honda	6'	3/8"	8902-6	N/A	8900LP6	Standard	No	93806HI7



† 8894-6 engine end hose fitting only fits Mercury/Mariner engines 4hp through V-6, 1998 and newer engines; also fits 1993 and newer Force 40hp and higher outboard engines.
 ** -7 = Clamshell

NON EPA CERTIFIED PORTABLE FUEL COMPONENTS

INTEGRATED FUEL COMPONENTS

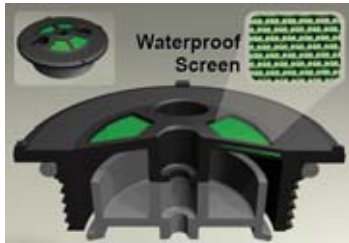
NOT FOR USE WITH EPA CERTIFIED SYSTEMS

Vented Plastic Deck Fills

Attwood's new plastic vented deck fills incorporate an industry first patent-pending waterproof screen that eliminates the possibility of water entering a boat's fuel system, while also allowing your boat's engine to breathe freely. These new deck fills exceed the ISO 21487 standard for minimum required venting area and meet all ABYC and US Coast Guard safety standards for marine fuel systems. Attwood's unique design includes an integral tank vent with flame arrestor and anti-surge technology. CE certified to ISO 21487 enabling sales world wide.

Features:

- Integrated patent-pending waterproof screen eliminates the possibility of water entering your boat's fuel system
- Attwood's unique design includes an integral tank vent with flame arrestor and anti-surge technology, preventing fuel from escaping into the environment
- Engineered body designed for extreme strength
- Choose from oval or round, straight or angled configurations
- Round caps available in Plastic, Zamak or Stainless Steel to fit virtually any application and budget
- Stainless Steel beaded chain to prevent loss of round Gasoline, Diesel and Water caps
- ISO symbols for Gasoline, Diesel, Water and Waste are located on top of the cap
- Deck plate key is included with gasoline fill
- Fits standard 1 1/2" fuel fill hose and 5/8" vent hose
- Requires (4) #8 screws



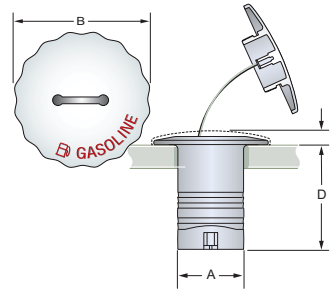
Description		Imprint	Bulk Packaging	Aftermarket Packaging**
OVAL VENTED DECK FILLS				
Straight	Black Plastic	Gasoline	99210GB1	—
		Water	99210WB1	—
	White Plastic	Gasoline	99210GW1	—
		Water	99210WW1	—
Angled	Black Plastic	Gasoline	99211GB1	—
		Water	99211WB1	—
	White Plastic	Gasoline	99211GW1	—
		Water	99211WW1	—
ROUND VENTED DECK FILLS				
Straight	Black Plastic	Gasoline	99200GB1	—
		Water	99200WB1	—
	White Plastic	Gasoline	99200GW1	—
		Water	99200WW1	—
	Stainless Steel	Gasoline (Painted)	99200GS1	—
		Diesel (Painted)	99200DS1	—
		Water (Painted)	99200WS1	—
	Chrome	Gasoline	99200GZ1	—
		Diesel	99200DZ1	—
		Water	99200WZ1	—
Angled	Black Plastic	Gasoline	99201GB1	—
		Water	99201WB1	—
	White Plastic	Gasoline	99201GW1	—
		Water	99201WW1	—
	Stainless Steel	Gasoline (Painted)	99201GS1	—
		Diesel (Painted)	99201DS1	—
		Water (Painted)	99201WS1	—
	Chrome	Gasoline	99201GZ1	—
		Diesel	99201DZ1	—
		Water	99201WZ1	—
ROUND NON-VENTED DECK FILLS				
Straight	Stainless Steel	Waste (Painted)	99202WS1	—
	Zamak	Waste	99202WZ1	—
ACCESSORIES				
Round Deck Plate Key			99220-1	—
Deck Fill Mount Ring			99209-1	—



NON EPA CERTIFIED INTEGRATED FUEL COMPONENTS

Low Profile Deck Fills, Enhanced 316 Stainless Steel Alloy

These stainless steel deck fills have a deck-hugging profile, 1-1/2" and 2" diameters, full-coverage overcap, and guaranteed corrosion-resistance. Even with multiple deck fills there's no filling-dock confusion. Each cap clearly labels tank contents with embossed lettering, coloring, and an international symbol. For recreational boats up to 20 meters (65.6 ft.). Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gasoline and diesel models per USCG and ABYC H-24 requirements.



66600

Specifications For deck thickness up to 1" thick

Part No.	A Hose I.D.	B Flange Dia. w/Cap Size	C Fill Cap Height	D Fill Neck Length	Installation Hole Size	Fastener Size
66600, 66601, 66602	1-1/2"	3-11/32"	7/8"	3"	1-7/8"	#10
66610, 66611, 66612, 66613	2"	3-7/8"	7/8"	3-7/16"	2-1/8"	#10

Description	Hose I.D.	Bulk Packaging	Aftermarket Packaging
"Gasoline" imprint	1-1/2" deck fill	66600-1	—
"Water" imprint	1-1/2" deck fill	66601-1	—
"Waste" imprint	1-1/2" deck fill	66602-1	—
"Gasoline" imprint	2" deck fill	66610-1	—
"Water" imprint	2" deck fill	66611-1	—
"Waste" imprint	2" deck fill	66612-1	—
"Diesel" imprint	2" deck fill	66613-1	—



1-1/2" Deck Fills, Enhanced 316 Stainless Steel Alloy

For 1-1/2" I.D. hose. Deck fills available with imprint to specify GASOLINE, DIESEL, WATER, or WASTE. Highly-polished finish. Flush cap is slotted for separate key and features an O-ring that seals the cap watertight. Cap is attached by a stainless steel beaded chain. 3-1/4"-long fill neck. Key sold separately. 66126 waste model has internal threads for pump-out nozzle. Use for vessels with built-in holding tanks. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gas and diesel models per USCG and ABYC H-24 requirements.

Specifications

Part No.	Fill Neck Length	Installation Hole Size	Flange Size	Hose Size	Fastener Size
66406, 66407, 66408	3-1/4"	1-7/8"	3"	1-1/2" I.D.	#10
66126	3-1/4"	2-1/4"	3-1/2"	1-1/2" I.D.	#10

Description	Bulk Packaging	Aftermarket Packaging**
"Gasoline" imprint	66406-1	66406-5
"Gasoline" imprint with Red Color Code	66446C1	—
"Diesel" imprint	66407-1	—
"Water" imprint	66408-1	66408-5
"Water" imprint with Blue Color Code	66408C1	—
"Waste" imprint	66126-1	66126-5
"Waste" imprint with Black Color Code	66126C1	—
Replacement key	66060-1	66060-3
Replacement cap and chain†	—	66074-3
Replacement cap and chain only for 66126	—	66061-3



66446C



† Replacement for 66406, 66407, 66408 and 66408C1 only

** -3 = Skin Pack, -5 = Poly Bag

Deck Fill with Splash Guard, Enhanced 316 Stainless Steel Alloy

For 1-1/2" I.D. hose. Hose deck fill features an integral splash guard. Highly-polished finish. Cap features easy-to-use tabs for keyless use and is attached by a stainless steel beaded chain. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gasoline and diesel models per USCG and ABYC H-24 requirements. Note: Cap is watertight when closed.

Specifications

Fill Neck Length	Installation Hole Size	Flange Size	Hose Size	Fastener Size
3"	1-7/8"	3-1/4"	1-1/2" I.D.	#10

Description	Bulk Packaging	Aftermarket Packaging**
"Gasoline" imprint	66404-1	—
Replacement cap and chain	—	66002-3



2" Deck Fills, Enhanced 316 Stainless Steel Alloy

For 2" I.D. hose. These deck fills are both imprinted and color-coded to specify either GASOLINE or DIESEL. Highly-polished finish. Flush cap is slotted for separate key and features an O-ring that seals the cap watertight. Cap is attached by a stainless steel, beaded chain. Long neck accommodates thick deck laminations. Key sold separately. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gasoline and diesel models per USCG and ABYC H-24 requirements.

Specifications

Fill Neck Length	Installation Hole Size	Flange Size	Hose Size	Fastener Size
3-1/4"	2-1/4"	3-1/2"	2" I.D.	#10

Description	Bulk Packaging	Aftermarket Packaging**
"Gasoline" imprint	66411-1	—
"Gasoline" imprint with Red Color Code	66411C1	—
"Diesel" imprint	66412-1	—
"Diesel" imprint with Green Color Code	66412C1	—
Replacement key	66060-1	66060-3
Replacement cap and chain	—	66061-3



Tapered Diesel Deck Fill, Enhanced 316 Stainless Steel Alloy

The tapered deck fill has a 2" opening that tapers down to fit 1 1/2" I.D. hose. Tapered design allows for fast fill at boat docks that use oversize 2" diesel nozzles. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gas and diesel models per USCG and ABYC H-24 requirements. Note: Cap is watertight when closed.

Specifications

Fill Neck Length	Installation Hole Size	Flange Size	Hose Size	Fastener Size
3-1/4"	2-1/4"	3-1/2"	2" I.D.	#10

Description	Bulk Packaging	Aftermarket Packaging
Tapered fill, stainless steel	66452-1	—



** -3 = Skin Pack

Deck Fill, Chrome-Plated Zinc

Neck accommodates 1 1/2" I.D. hose. "GASOLINE" imprint on both cap and flange. Chrome-plated finish. Design features a directional collar and splash shield. Includes a polyurethane ring to attach cap to flange, allowing unobstructed use with hose nozzle. Optional flange gasket provides seal between deck fill flange and deck. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gas and diesel models per USCG and ABYC H-24 requirements.

Specifications

Fill Neck Length	Installation Hole Size	Flange Size	Hose Size	Fastener Size
2-11/16"	2-1/4"	3-5/16"	1-1/2" I.D.	#8

Description	Bulk Packaging	Aftermarket Packaging
Fill with "Gasoline" imprint	3601-1	—
Flange gasket	3603-1	—
Cap Retainer	910550A	—



"Indy" Deck Fills, Enhanced 316 Stainless Steel Alloy

Gas deck fill with spring-loaded hinged cap. Contemporary styling for high-performance cruisers and runabouts. Hinged cap eliminates need for key and cap ring. Low-profile, highly-polished 316 stainless steel construction. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gas and diesel models per USCG and ABYC H-24 requirements. Note: Cap is watertight when closed.

Specifications

Part No.	Fill Neck Length	Installation Hole Size	Flange Size	Hose Size	Fastener Size
66344-1	3-3/16"	1-7/8"	—	1-1/2" I.D.	#8
66344A1	3-3/16"	2"	—	2" I.D.	#8

Description	Hose Size	Height Closed	Height Open	Dimensions Above Deck	Bulk Packaging	Aftermarket Packaging
"Gasoline" imprint	1-1/2" I.D.	1"	4-3/8"	4-1/2" x 3-1/4"	66344-1	—
"Gasoline" imprint	2" I.D.	1"	4-3/8"	4-1/2" x 3-1/4"	66344A1	—



FUEL VENTS

Enhanced 316 Stainless Steel Alloy Flush-Mount Fuel Vents

On the exterior, they have a smooth edge over the competition. Unlike some others, there is no protruding cap to cause damage — or be damaged by — hull bumps and scrapes. Cap unscrews with hex head wrench for easy cleaning of filter and pressure testing of entire fuel system. These vents now include two silicone gaskets.



66031



66032

Description	Hose Size	Maximum Hull Thickness	Installation Hole Size	Bulk Packaging	Aftermarket Packaging**
Straight Vent	5/8" I.D.	7/8"	1-3/8"	66031-1	66031-3
90° Vent	5/8" I.D.	7/8"	1-3/8"	66032-1	66032-3

Enhanced 316 Stainless Steel Alloy Fuel Vents

Stainless steel vents with spark-proof screen holes.



99FV100-6

Description	Hose Size	Maximum Hull Thickness	Installation Hole Size	Bulk Packaging	Aftermarket Packaging**
Straight Vent	5/8" I.D.	1/2"	7/8"	66004-1	66004-3
90° Vent	5/8" I.D.	1/2"	7/8"	66023-1	—
Thru-Hull Vent 90° Vertical	5/8" I.D.	1/2"	7/8"	—	99FV100-6



66023

Chrome-Plated Zinc Fuel Vent

Chrome-plated zinc vents with spark-proof holes.

Description	Hose Size	Maximum Hull Thickness	Installation Hole Size	Bulk Packaging	Aftermarket Packaging**
Straight Vent	5/8" I.D.	7/8"	3/4"	1615-1	—



1615

Polypropylene Fuel Vents

Patented splash-resistant, corrosion-resistant polypropylene.

Description	Color	Hose Size	Maximum Hull Thickness	Installation Hole Size	Bulk Packaging	Aftermarket Packaging**
Straight Vent	Black	5/8" I.D.	7/8"	3/4"	1607-1	1607-3
	White	5/8" I.D.	7/8"	3/4"	1607A1	—



1607



1607A

** -3 = Skin Pack