





2009 - 2010 CATALOG











IN-BED FUEL TANKS





# Factory-Direct Special

**Save** \$50 - our gift to you when you place an order on our website! To save \$50, go to www.transferflow.com and enter the coupon code **TF50**. Good for orders placed on our website only. Retail customers only. Discount applies to fuel tank systems only. Fillneck kits and other parts not included.

Expires June 30, 2010.

Your Legal Fuel Tank Source.<sup>TM</sup>

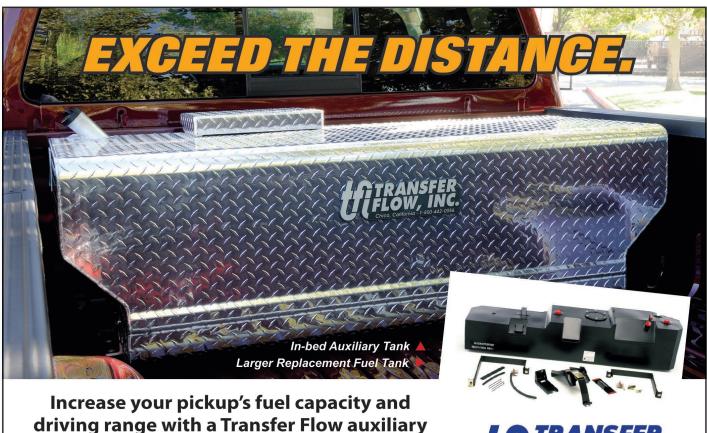
Fuel Tank Systems



COUPON CODE: T



Made in



or larger replacement fuel tank system!

www.transferflow.com • Use Coupon Code TF50 • Expires June 30, 2010

**Fuel Tank Systems** 

Your Legal Fuel Tank Source.™



# has never been easier!

If your family is thinking about doing some RV traveling this year, you've got to call Transfer Flow! You'll increase your fuel capacity and driving range when you have a Transfer Flow auxiliary or larger replacement fuel tank system installed on your pickup!

Whether it's one of our popular toolbox and fuel tank combos, a replacement tank, or a cross-the-bed fuel tank system, a Transfer Flow fuel tank system will get you where you want to go! And when you have a Transfer Flow fuel tank system installed on your pickup, you can get away from it all... like never before!

For a listing of fuel tank installers near you, call Transfer Flow at 1-800-442-0056 or visit our website at www.transferflow.com.









Your Legal Fuel Tank Source.™

Transfer Flow is a member of these organizations:















# Transfer Flow, Inc.

# Transfer Flow Fuel Tank Systems

Dear Friend,

Thank you for requesting our fuel tank systems catalog. As a family of RVers, we know your concerns about getting the most driving range from your tow vehicle. We, too, like to get to our destinations without the hassle of stopping to refuel. And with the increasing cost of fuel these days, our Transfer Flow fuel tanks allow us to shop around for the best fuel prices, bypassing the more expensive and less desirable fuel stations! You can have the same safe, reliable, and legal fuel tank system installed on your

vehicle that we use on ours!

Established in 1983, Transfer Flow has consistently met the growing need for legal, safe, and reliable fuel systems for the automotive and RV industries. Whatever your fuel tank system needs may be, you can be certain the employees at Transfer Flow are dedicated to producing the highest quality fuel systems on the market today.

Once again, thank you for requesting information about Transfer Flow fuel tank systems. We hope to hear from you soon!

Regards,

Bill Gaines, President



Over 25 Years of Fuel System Excellence!





Transfer Flow Incorporated is a family owned and employee-oriented manufacturing company. We are dedicated to providing a safe, organized and productive working environment for our employees. We are committed to providing safe, reliable and legal OEM and aftermarket fuel systems and related products.

By staying abreast of new regulations, laws, and technology, Transfer Flow Incorporated will continue its role as the leading manufacturer of fuel systems for the automotive and RV industry.

Transfer Flow's success is measured by our customers choosing our product because we meet and exceed their expectations of quality, service and selection.



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#### How to Order

To place an order, call Transfer Flow at 1-800-442-0056 or (530) 893-5209, Monday - Friday, 7:00 a.m. to 4:00 p.m. (Pacific Time). You can also fax us your orders 24 hours a day to (530) 893-2353. You may E-mail us your orders at rgaines@transferflow.com. You may also contact a dealer in your area for information on our fuel tank systems. For a listing of fuel tank installers in your area, visit our website at www.transferflow.com.

Our fuel tank systems are generally warehoused for quick turn around times. Every effort will be made to fill the order as quickly as possible. Our minimum order amount is \$30. Prices and specifications are subject to change without notice.









Cards

We accept Visa, MasterCard, Discover, and American Express

#### Terms of Sale

#### **Freight Carriers**

Transfer Flow uses a variety of freight carriers, including YRC, Con-Way Freight, and FedEx Freight, for items that do not meet parcel requirements.

#### **Parcel Deliveries**

UPS or FedEx fees will be added to orders that are of appropriate weight and dimensions for parcel delivery services.

#### **Damaged Items**

All damaged or shorted shipments must be noted at time of delivery with the carrier. Claims will be denied unless Bill of Lading is signed stating damage to shipment.

#### **Returns**

Returned product must be authorized with a Returned Material Authorization (RMA) number. Contact a Transfer Flow Sales Associate at (530) 893-5209 in advance for an RMA number. Any order returned by the customer is subject to a restocking fee.

#### What Is OBD-II?

In this catalog, you'll see that many gas fuel systems are for OBD-II or non OBD-II vehicles. OBD-II (Enhanced Evaporative On-board Diagnostics, 2nd Generation) is a highly sophisticated on-board monitoring system that is controlled by the Powertrain Control Module. Beginning with 1997 fuel injected gas vehicles, OBD-II monitors all emission related components and systems as the vehicle is driven. This includes the vehicle's fuel tank system. If the fuel system was not properly engineered, the "Check Engine Light" could illuminate. Through tedious research and development, our fuel tank systems have been engineered and tested to work with OBD-II vehicles. If you're not sure if you have an OBD-II equipped vehicle, call Transfer Flow at (530) 893-5209.

# **Auxiliary Operating Systems**

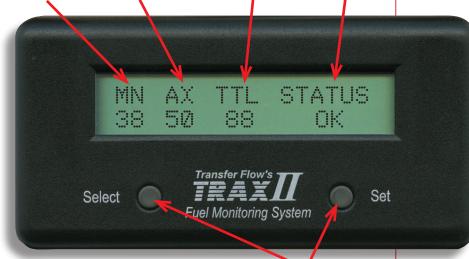
#### Two Unique Auxiliary Tank Operating Systems to Choose From!

Transfer Flow auxiliary systems are computer controlled using the patented technology of our **TRAX-II**® or **EXPRESS-UFS**® operating systems. To choose the auxiliary system that best fits your needs, read the descriptions of each operating system below.



TRAX-II® is our self diagnostic, computer controlled, auxiliary fuel system. TRAX-II® consists of an auxiliary fuel tank, an in-line pump, an auxiliary sending unit, a wire harness, an installation kit, and a dash mounted LCD computer module, shown below.

Gallons in Gallons in Total gallons Operational main tank auxiliary tank being monitored status



Our TRAX-II® LCD (shown actual size).

# Adjustable contrast and backlight settings

#### How Does TRAX-II® Work?

TRAX-II® functions similar to a computer controlled balance line. The computer determines the fuel level of the O.E.M. (Original Equipment Manufactured) tank, the level of the auxiliary tank, and the status of the vehicle's fuel system once every few seconds.

When necessary, the TRAX-II® module will turn on the auxiliary fuel pump and transfer fuel to the main tank. The message, "PUMP ON" will be displayed on the dash mounted LCD when this is occurring. The main tank and auxiliary tank will decrease at the same rate. The LCD will display the gallons in the main tank, the auxiliary tank, the combined fuel levels, and the operational status of the fuel systems. In some vehicles, the OEM fuel gauge will show the combined amount of fuel in the main and auxiliary fuel tanks.

With the addition of TRAX-II®, there's no need for a toggle switch to flip back and forth between the main and auxiliary tank. The TRAX-II® module does the transferring of fuel for you!

# **EXPRESS-UFS**

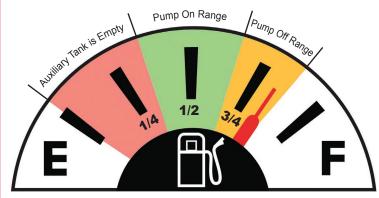
Transfer Flow's EXPRESS-UFS® auxiliary system comes preassembled and consists of an auxiliary fuel tank, an in-line pump, a draw tube, a wire harness, and a computer module.

#### How Does EXPRESS-UFS® Work?

The computer module will turn on the auxiliary pump when the fuel level on the OEM fuel gauge drops between 3/8 to 5/8.

The auxiliary tank will then transfer fuel into the main tank until the OEM fuel gauge rises to about 5/8 to 7/8 full. The transferring of fuel at set intervals will occur until the auxiliary tank is empty. When the fuel level of the OEM gauge drops below 3/8 of a tank, the user knows that the auxiliary tank is out of fuel, and the OEM tank only has 3/8 of a tank remaining. Unlike a switch and valve system, the operation of the EXPRESS-UFS® computer module is transparent to the user.

**NOTE:** Transfer Flow's EXPRESS-UFS® fuel tank systems do not include a dash mounted LCD. The LCD display only comes with our TRAX-II operating system.



#### EXPRESS-UFS™ Fuel Gauge Reading

This diagram shows when fuel is transferred from the auxiliary tank to the main tank using our Express-UFS $^{\text{TM}}$  operating system.

# NEW Upgrade! Express-UFS™ Momentary Switch with LED Light Available!

When you hold down the momentary switch, you can manually transfer fuel from the auxiliary tank into the main tank, or turn off the fuel pump to stop the transferring of fuel. The LED light signals when fuel is being transferred from the auxiliary tank into the main tank.

# Toolbox and Fuel Tank Combos Aluminized Steel



#### Features and Benefits

- Auxiliary system is computer controlled by our TRAX-II™
   Comes complete with all components to install. or **EXPRESS-UFS**® operating system (see page 5).
- Operating system transfers fuel automatically.
- 30 gallon auxiliary fuel tank is for gas pickups only.
- 40 gallon auxiliary fuel tank is for diesel pickups only.
- Made from 14-gauge aluminized steel.
- Fuel fillneck is located inside locking storage compartment.
- 30 gallon tank has 5.1 cubic ft. of storage space.
- 40 gallon tank has 6 cubic ft. of storage space.
- Fuel tanks are baffled to reduce fuel sloshing.
- Powder coated black for a durable finish.
- Gas-filled shocks for easy opening and closing
- Won't interfere with standard 5th wheel hitch.
- 3 year/60,000 mile limited warranty.

#### 30 Gallon Toolbox/Fuel Tank Combo - Express-UFS™ Operating System

						<u> </u>
Vehicle Make	Fuel Ty	pe Years		Part Number	Ship/Weight	Notes
Ford, GM	Gas	2005-09 Ford F150 - F350, 2004-09 GM 1500 -	3500 <b>** ◆ ◆</b>	080-01 - 14100	Truck/195 lb.	6.5 or 8 foot bed
Toyota Tundra	Gas	2007-09 Toyota Tundra	•	080-01-14596	Truck/205 lb.	6.5 or 8 foot bed

#### 30 Gallon Toolbox/Fuel Tank Combo - TRAX-II™ Operating System

Vehicle Make	Fuel Ty	pe Years		Part Number	Ship/Weight	Notes
Ford, GM	Gas	2005-09 Ford F150 - F350, 2004-09 GM 1500 - 3500D	<b>�</b>	080-01-14653	Truck/205 lb.	6.5 or 8 foot bed

#### 40 Gallon Toolbox/Fuel Tank Combo - Express-UFS™ Operating System

					9
Vehicle Make F	uel Ty	pe Years	Part Number	Ship/Weight	Notes
Dodge, Ford, GM	Diesel	1999-09 Dodge, 1992-10 Ford HD, 2001-10 GM HD 😂*	080-01 - 14609	Truck/200 lb.	6.5 or 8 foot bed

#### 40 Gallon Toolbox/Fuel Tank Combo - TRAX-II™ Operating System

Vehicle Make	uel Typ	oe Years		Part Number	Ship/Weight	Notes
Dodge, Ford, GM	Diesel	1999-09 Dodge, 1992-10 Ford HD, 2001-10 GM HD	<b>○</b> *◆	080-01-14608	Truck/200 lb.	6.5 or 8 foot bed

- 🚭 = On 2004 GM diesel pickups, check the pickup's Vehicle Identification Number (VIN) prior to ordering. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number. Please indicate your GM pickup's engine type when ordering this product for the 2004 model year.
- \* = 2001 2010 GM 4500/5500 cab chassis must purchase an Express-UFS/TRAX-II Fillneck Adapter Kit (part # 050-01-12150).
- 🌞 = 2001 2010 GM pickups and 1992 1997 Ford pickups must purchase an Express-UFS Fillneck Adapter Kit (part # 020-01-14278).
- = Available for non-California Toyota Tundra regular cab and double cab gas pickups.
- ♦ = 2001 2010 GM long bed pickups require a Bracket Mounting Kit (part # 020-01-14222).



40 Gallon Toolbox & Fuel Tank (Express-UFS™ system)

#### **Overall Dimensions**

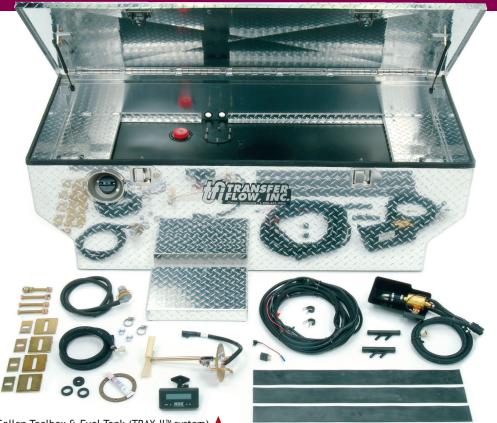
Fuel	Storage	Dimensions		S
Capacity	Capacity	Length	Width	Height
30 gallons	5.1 cubic ft.	49"**	18 1/2"*	20 1/4"
40 gallons	6 cubic ft.	59"	18 1/2"*	20 1/4"

\*Add three inches to the width to allow for brackets. \*\* Allow an additional 4 1/2" on driver's side for

#### NEW Upgrade! Express-UFS™ Momentary Switch with LED Light

When you hold down the momentary switch, you can manually transfer fuel from the auxiliary tank into the main tank, or turn off the fuel pump to stop the transferring of fuel. The LED light signals when fuel is being transferred from the auxiliary tank into the main tank. Part # 040-01-14477

# Plate Toolbox and Fuel Tank Combos





#### 5th Wheel Clearance!

Our aluminum diamond plate toolbox and fuel tank combos are just about flush with the height of a pickup bed so they won't interfere with a standard 5th wheel trailer!



#### A dash-mounted LCD display is included With TRAX-II™ Systems

Our TRAX-II™ systems come with a dash mounted LCD that displays the gallons in the main tank, the auxiliary tank, and the vehicle's total fuel capacity.

#### 50 Gallon Toolbox & Fuel Tank (TRAX-II™ system)

#### **Overall Dimensions**

Fuel	Storage	[	Dimensions			
Capacity	Capacity	Length	Width	Height		
30 gallons	5.5 cubic ft.	61 3/4"	17 1/2"	19 1/2"		
50 gallons	9.0 cubic ft.	61 3/4"	27 1/2"	19 1/2"		

#### Cab Chassis Extension Kits

Description	Part Number
Fuel Line Extension Kit Required for a 1999-09 Dodge, Ford, or GM cab chassis with rear tank	020-01 - 14769
Wire Harness Extension Kit Required for GM C4500 /5500 chassis	020-01 - 13426

- On 2004 GM diesel pickups, check the pickup's Vehicle Identification Number (VIN) prior to ordering. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number. Please indicate your GM pickup's engine type when ordering this product for the 2004 model year.
- \* = 2001 2010 GM 4500/5500 cab chassis must purchase an Express-UFS/TRAX-II Fillneck Adapter Kit (part number 050-01-12150).
- # = 2001 2010 GM pickups and 1992 1997 Ford pickups must purchase an Express-UFS Fillneck Adapter Kit (part number 020-01-14278).
- = Available for 1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD Non-California emissions vehicles over 8600 GVW only.

#### **Features and Benefits**

- Auxiliary system is computer controlled by our TRAX-II™ Fuel tanks are baffled to reduce fuel sloshing. or **EXPRESS-UFS**® operating system (see page 5).
- TRAX-II's dash-mounted LCD displays fuel levels of the main and auxiliary tanks.
- The fuel tank is made from 14-gauge aluminized steel for superior rust resistance and strength.
- Toolbox is made of 1/8" aluminum diamond plate.
- The fuel tank has stainless steel fuel fill access on front of the toolbox on driver's side.
- Toolbox tank has locking paddle handles.
- Storage area is 60 3/4" long by 9 1/2" deep.
- Meets all federal and state emissions regulations.
- 3 year/60,000 mile limited warranty.

#### 30 Gallon Toolbox/Fuel Tank Combo - Express-UFS™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD		1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD			
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD ***	080-01-14585	Truck/195 lb.	6.5 or 8 foot bed

#### 30 Gallon Toolbox/Fuel Tank Combo - TRAX-II™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD		1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD **			
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD **	080-01-14586	Truck/195 lb.	6.5 or 8 foot bed

#### 50 Gallon Toolbox/Fuel Tank Combo - Express-UFS™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD	080-01 - 14647	Truck/237 lb.	8 foot bed only
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD ***	080-01-14656	Truck/242 lb.	8 foot bed only

#### 50 Gallon Toolbox/Fuel Tank Combo - TRAX-II™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD **	080-01-14643	Truck/237 lb.	8 foot bed only
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD **	080-01-14657	Truck/242 lb.	8 foot bed only

# Cross-the-bed Fuel Tanks Aluminized Steel



#### **Features and Benefits**

- Auxiliary system is computer controlled by our TRAX-II™
   Powder coated black for a durable finish. or **EXPRESS-UFS**® operating system (see page 5).
- TRAX-II's dash-mounted LCD displays fuel levels of the Optional Camper Shell Fillneck Kits available main and auxiliary tanks.
- Operating system transfers fuel automatically.
- Available in a 37 or 75 gallon fuel tank.
- Fuel tanks are made from 14-gauge aluminized steel.
- Fits Dodge, Ford, & GM diesel or gas trucks.

- Fuel tanks are baffled in three places.
- for filling through camper shell (see page 9).
- Won't interfere with standard 5th wheel hitch.
- 37 gallon tank fits under a Pace-Edwards Retractable bed cover.
- 3 year/60,000 mile limited warranty.

#### Overall Dimensions

Fuel		Dimension	S
Capacity	Length	Width	Height
37 gallons	50"	19 1/2"	5 3/4", 17 7/8"
75 gallons	59 1/2"	18"	19"*

\*Add three inches to the height of the tank to accommodate the fillneck and sending unit cover box.

#### 37 Gallon Fuel Tank - Express-UFS™ Operating System

				9 ,		
Vehicle Mak	e Fuel Ty	pe Years		Part Number	Ship/Weight	Notes
Dodge, Ford, G	M Diesel	1999-09 Dodge, 1992-10 Ford HD, 2001-10 GM HD	<b>○</b> **	080-01 - 14389	Truck/145 lb.	6.5 or 8 foot bed
Dodge, Ford, G	M Gas	1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD	***	080-01-14654	Truck/150 lb.	6.5 or 8 foot bed

#### 37 Gallon Fuel Tank - TRAX-II™ Operating System

		-				
Vehicle Make Fuel Type		pe Years	Part Nun	nber	Ship/Weight	Notes
Dodge, Ford, GM	Diesel	1999-09 Dodge, 1992-10 Ford HD, 2001-10 GM HD	: 080-01-1	4492	Truck/145 lb.	6.5 or 8 foot bed
Dodge, Ford, GM	Gas	1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD ***	080-01-1	4655	Truck/150 lb.	6.5 or 8 foot bed

#### 75 Gallon Fuel Tank - Express-UFS™ Operating System

Vehicle Make I	Fuel Ty	pe Years		Part Number	Ship/Weight	Notes
Dodge, Ford, GM	Diesel	1999-09 Dodge, 1992-10 Ford HD, 2001-10 GM HD	<b>○</b> **	080-01 - 14620	Truck/196 lb.	6.5 or 8 foot bed
Dodge, Ford, GM	Gas	1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD	***	080-01-14624	Truck/201 lb.	6.5 or 8 foot bed

#### 75 Gallon Fuel Tank - TRAX-II™ Operating System

Vehicle Make	Fuel Ty	pe Years		Part Number	Ship/Weight	Notes
Dodge, Ford, GM	Diesel	1999-09 Dodge, 1992-10 Ford HD, 2001-10 GM HD 🦸	<b>O</b> *	080-01 - 14623	Truck/196 lb.	6.5 or 8 foot bed
Dodge, Ford, GM	Gas	1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD 🗦	**	080-01 - 14625	Truck/201 lb.	6.5 or 8 foot bed

- 😝 = On 2004 GM diesel pickups, check the pickup's Vehicle Identification Number (VIN) prior to ordering. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number. Please indicate your GM pickup's engine type when ordering this product for the 2004 model year.
- 🔆 = 2001 2010 GM 4500/5500 cab chassis must purchase an Express-UFS/TRAX-II Fillneck Adapter Kit (part # 050-01-12150)
- 🌞 = 2001 2010 GM pickups and 1992 1997 Ford pickups must purchase an Express-UFS Fillneck Adapter Kit (part # 020-01-14278)
- \* = Available for 1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD Non-California emissions vehicles over 8600 GVW only.

# 12.13 37 Gallon Fuel Tank

#### Our 37 Gallon Fuel Tank Fits Under a Pace-Edwards® Retractable Bed Cover!

The unique design of our 37 gallon in-bed auxiliary fuel tank system allows it to be stored under a Pace-Edwards' retractable bed cover when installed on a



# Aluminized Steel Cross-the-bed Fuel Tanks



#### **Overall Dimensions**

Fuel	Dimensions				
Capacity	Length	Width	Height*		
50 gallons	60 3/4"	16 1/2"	14 3/4"		
98 gallons	60 3/4"	25"	18 1/2"		

HD = Heavy Duty

#### Fill Through A Camper Shell

Our Camper Shell Fillneck Kit allows you to fill our crossthe-bed fuel tank through a camper shell. Kits available for 4 or 7 inches of clearance. Measure from the end of the camper shell rearward



(measure inside and outside of shell) for proper fit.

#### 7" of clearance on shell required

Tank Size	Fuel Type	Part Number
74, 75, and 98 gallons	Diesel	020-01-11735
74 and 98 gallons	Gas	020-01-11736
50 gallons	Diesel	020-01 - 11737
50 gallons	Gas	020-01 - 11738

#### 4" of clearance on shell required

Tank Size	Fuel Type	Part Number
50, 74, 75, and 98 gallons	Diesel	020-01-13374

#### NEW Upgrade! Express-UFS™ Momentary Switch with LED Light

When you hold down the momentary switch, you can manually transfer fuel from the auxiliary tank into the main tank, or turn off the fuel pump to stop the transferring of fuel. The LED light signals when fuel is being transferred from the auxiliary tank into the main tank. Part # 040-01-14477

#### **Features and Benefits**

- Auxiliary system is computer controlled by our TRAX-II™
   Powder coated black for a durable finish. or **EXPRESS-UFS**® operating system (see page 5).
- TRAX-II's dash-mounted LCD displays fuel levels of the Optional Camper Shell Fillneck Kits available main and auxiliary tanks.
- Operating systems transfers fuel automatically.
- Available in a 50 or 98 gallon fuel tank.
- Fuel tanks are made from 14-gauge aluminized steel.
- Fits Dodge, Ford, & GM diesel and gas trucks.
- Fuel tanks are baffled in three places.
- for filling through camper shell (shown at left).
- Won't interfere with standard 5th wheel hitch.
- 50 gallon tank fits under a tonneau cover.
- Meets federal & state emissions regulations.
- 3 year/60,000 mile limited warranty.

#### 50 Gallon Fuel Tank - Express-UFS™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD		1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD			
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD ***	080-01-14511	Truck/155 lb.	6.5 or 8 foot bed

#### 50 Gallon Fuel Tank - TRAX-II™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD **	080-01 - 14510	Truck/150 lb.	6.5 or 8 foot bed
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD **	080-01-14512	Truck/155 lb.	6.5 or 8 foot bed

#### 98 Gallon Fuel Tank - Express-UFS™ Operating System

Vehicle Make	Fuel Type		Part Number		
Dodge, Ford HD, GM HD		1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD			
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD ***	080-01 - 14618	Truck/230 lb.	8 foot bed only

#### 98 Gallon Fuel Tank - TRAX-II™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD **	080-01 - 14617	Truck/225 lb.	8 foot bed only
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD **	080-01 - 14619	Truck/230 lb.	8 foot bed only

- 🚭 = On 2004 GM diesel pickups, check the pickup's Vehicle Identification Number (VIN) prior to ordering. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number. Please indicate your GM pickup's engine type when ordering this product for the 2004 model year
- \* = 2001 2010 GM 4500/5500 cab chassis must purchase an Express-UFS/TRAX-II Fillneck Adapter Kit (part # 050-01-12150)
- 🜞 = 2001 2010 GM pickups and 1992 1997 Ford pickups must purchase an Express-UFS Fillneck Adapter Kit (part # 020-01-14278)
- \* = Available for 1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD Non-California emissions vehicles over 8600 GVW only.

<sup>\*</sup>On Transfer Flow's cross-the-bed fuel tanks, please add four inches to the height of the tank to accommodate the fillneck and sending unit cover box.

# Cross-the-bed Fuel Tanks Aluminum Diamond Plate



#### Features and Benefits

- or **EXPRESS-UFS**® operating system (see page 5).
- main and auxiliary tanks.
- Operating systems transfers fuel automatically.
- Available in a 50 or 98 gallon fuel tank.
- Fuel tanks are made from aluminum diamond plate.
- Aluminum diamond plate is 1/8 inch thick.
- Auxiliary system is computer controlled by our TRAX-II™
   Fits Dodge, Ford, & GM diesel and gas trucks.
  - Fuel tanks are baffled in three places.
- TRAX-II's dash-mounted LCD displays fuel levels of the Optional Camper Shell Fillneck Kits available for filling through camper shell (see page 9).
  - Won't interfere with standard 5th wheel hitch.
  - 50 gallon tank fits under a tonneau cover.
  - Meets federal & state emissions regulations.
  - 3 year/60,000 mile limited warranty.

#### 50 Gallon Fuel Tank - Express-UFS™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	t Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD	080-01-14588	Truck/106 lb.	6.5 or 8 foot bed
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD ***	080-01 - 14590	Truck/111 lb.	6.5 or 8 foot bed

#### 50 Gallon Fuel Tank - TRAX-II™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	t Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD **	080-01-14587	Truck/106 lb.	6.5 or 8 foot bed
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD **	080-01-14589	Truck/111 lb.	6.5 or 8 foot bed

#### 98 Gallon Fuel Tank - Express-UFS™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Shin/Weigh	t Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD	080-01-14627	Truck/145 lb.	8 foot bed only
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD ***	080-01-14629	Truck/150 lb.	8 foot bed only

#### 98 Gallon Fuel Tank - TRAX-II™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weigh	t Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD **	080-01-14626	Truck/145 lb.	8 foot bed only
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD **	080-01-14628	Truck/150 lb.	8 foot bed only

- 😊 = On 2004 GM diesel pickups, check the pickup's Vehicle Identification Number (VIN) prior to ordering. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number. Please indicate your GM pickup's engine type when ordering this product for the 2004 model year.
- \* = 2001 2010 GM 4500/5500 cab chassis must purchase an Express-UFS/TRAX-II Fillneck Adapter Kit (part # 050-01-12150)
- 🌞 = 2001 2010 GM pickups and 1992 1997 Ford pickups must purchase an Express-UFS Fillneck Adapter Kit (part # 020-01-14278)
- \* = Available for 1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD Non-California emissions vehicles over 8600 GVW only.

#### Overall Dimensions

Fuel		D		
	Capacity	Length	Width	Height*
_	50 gallons	60 3/4"	16 1/2"	14 3/4"
	98 gallons	60 3/4"	25"	18 1/2"

HD = Heavy Duty

\*On Transfer Flow's cross-the-bed fuel tanks, please add four inches to the height of the tank to accommodate the fillneck and sending unit cover box.

#### Cab Chassis Extension Kits

When installing our cross-the-bed tanks on a cab chassis, you may need extra lengths of the wiring harness and fuel lines.

Description	Part Number
Fuel Line Extension Kit Required for a 1999-10 Dodge, Ford, or GM cab chassis with rear tank	020-01 - 14769
Wire Harness Extension Kit Required for GM C4500 /5500 chassis	020-01 - 13426



#### A dash-mounted LCD display is included With TRAX-II™ Systems

Our TRAX-II™ operating systems comes with a dash-mounted LCD display. It displays the gallons in the main tank, the auxiliary tank, and the vehicle's combined fuel capacity. For more information on TRAX-II\*, see page 5.

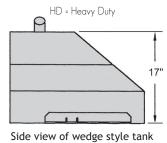
# Wedge Style Fuel Tanks



#### **Overall Dimensions**

Fuel		imension	S
Capacity	Length	Width	Height*
74 gallons	60 3/4"	25"	17"

\*On Transfer Flow's wedge fuel tanks, please add four inches to the height of the tank to accommodate the fillneck and sending unit cover box.



#### NEW Upgrade! Express-UFS™ Momentary Switch with LED Light

When you hold down the momentary switch, you can manually transfer fuel from the auxiliary tank into the main tank, or turn off the fuel pump to stop the transferring of fuel. The LED light signals when fuel is being transferred from the auxiliary tank into the main tank. Part # 040-01-14477

#### **Features and Benefits**

- Auxiliary system is computer controlled by our TRAX-II Tank's wedge design allows you to see gooseor **EXPRESS-UFS**® operating system (see page 5).
- Dash mounted LCD displays fuel levels of the main and auxiliary tanks.
- The fuel tank is made from 1/8" thick aluminum diamond plate and mill finish aluminum.
- Fuel tank is baffled to reduce fuel sloshing.
- neck ball hitch while hooking up trailer.
- Will not interfere with fifth-wheel hitch.
- Optional Camper Shell Fillneck Kits available for filling through camper shell (see page 9).
- Meets all federal & state emissions regulations.
- Comes with 3 year/60,000 mile limited warranty.

#### 74 Gallon Wedge Style Fuel Tank - Express-UFS™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD	Diesel	1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD	080-01-14633	Truck/135 lb.	8 foot bed only
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD ***	080-01-14635	Truck/140 lb.	8 foot bed only

#### 74 Gallon Wedge Style Fuel Tank - TRAX-II™ Operating System

Vehicle Make	Fuel Type	Years	Part Number	Ship/Weight	Notes
Dodge, Ford HD, GM HD		1999-09 Dodge, 1992-10 Ford HD 2001-10 GM HD **			
Dodge, Ford HD, GM HD	Gas (non OBD-II)	1999-04 Dodge, 1992-04 Ford HD 2001-03 GM HD **	080-01-14634	Truck/140 lb.	8 foot bed only

- 😊 = On 2004 GM diesel pickups, check the pickup's Vehicle Identification Number (VIN) prior to ordering. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number. Please indicate your G/M pickup's engine type when ordering this product for the 2004 model year
- \* = 2001 2010 GM 4500/5500 cab chassis must purchase an Express-UFS/TRAX-II Fillneck Adapter Kit (part # 050-01-12150)
- 🌞 = 2001 2010 GM pickups and 1992 1997 Ford pickups must purchase an Express-UFS Fillneck Adapter Kit (part # 020-01 14278)
- \* = Available for 1999-04 Dodge, 1992-04 Ford HD, 2001-03 GM HD Non-California emissions vehicles over 8600 GVW only.

# Refueling Tanks — Legal for Gasoline!





#### Complete Refueling Systems!

Transfer Flow refueling tanks come preassembled with 12-volt refueling pump, 12 foot hose, and nozzle. Our refueling tank systems also include wire harness with dash-mounted power and reversing switch, mounting hardware, rollover valve, and fuel cap. Optional items, shown in photos, include fuel filter and fuel meter kits

#### Features and Benefits

- Refueling tanks are made from 12-gauge aluminized steel for rust resistance and strength.
- TFI refueling tanks have been granted Special Permit E-11911 from the Department of Transportation.
- Our refueling tanks have been granted Los Angeles, CA Fire Dept. Approval #1-04-02.
- Tanks Include 12-volt refueling pump, 12 foot hose, nozzle, wire harness with dash-mounted power switch, • TFI refueling tanks are available in 50, 82, mounting hardware, rollover valve, and fuel cap.
- Per DOT regulations, tank is notched and has a reversing switch so pump and hose can stay attached while in transit.

- Available for the storage of gas, diesel, aasohol, and kerosene.
- Our refueling tanks are powder coated black for a durable finish.
- Optional fuel filter kit and flow meter kit.
- Refueling tanks are baffled to reduce fuel
- 100 (L-shaped), 50/50 split, and 109 gallons.
- 12-volt refueling pump is rated up to 12 gallons per minute. Actual delivery rate will vary depending on restrictions.

#### Refueling Tanks — Our Refueling Tanks Are Legal for Gasoline!

Gallons	Fuel Type	Years	Part Number	Ship/Weight	Notes
50 gallon	Gas, Diesel, Gasohol, Kerosene	All	080-01-09417	Truck/214 lb.	Fits short-bed and long-bed pickup
82 gallon	Gas, Diesel, Gasohol, Kerosene	All	080-01-09420	Truck/255 lb.	Fits short-bed and long-bed pickup
100 gal. L-shaped	Gas, Diesel, Gasohol, Kerosene	All	080-01-09418	Truck/336 lb.	Fits long-bed pickup only
109 gallon	Gas, Diesel, Gasohol, Kerosene	All	080-01-09416	Truck/346 lb.	Fits long-bed pickup only
50/50 gal. split	Gas, Diesel, Gasohol, Kerosene	All	080-01-13244	Truck/333 lb.	Fits long-bed pickup only

#### Optional Items for Refueling Tanks: Fuel Filter, Flow Meter, Locking Cap Cover

, ,	<u> </u>
Description	Part Number
Fuel Filter	020-01-13958
Electronic Fuel Meter	020-01-13959
Locking Fuel Cap Cover	040-01-13716







Locking Fuel Cap Čover

50 Gallon Refueling Tank 82 Gallon Refueling Tank 100 Gallon Refueling Tank 109 Gallon Refueling Tank 50/50 Split Refueling Tank

#### Overall Dimensions

Fuel			Dimensions	
	Capacity	Length	Width	Height
	50 gallons	54 1/3"	12 1/2" **	21 1/2" *
	82 gallons	48"	19 11/16" **	24"*
	100 gal. "L"	50 3/4"**	12 3/4", 33 3/4"*	* 10 1/2", 25" <b>*</b>
	109 gallons	54 3/4"	27" **	20"*
	50/50 split	47 3/4"	28" **	21"*

- \*\* Add three inches for mounting brackets.
- \* Add two inches to the height for the fillneck.

#### Why the Notch on the Tank?

D.O.T. regulations require a refueling pump not to exceed the height of a tank if the pump is attached while driving. If the attached pump sits higher than the tank, the tank will not meet D.O.T. regulations, and is subject to being red tagged by your state's Highway Patrol. Transfer Flow's refueling tanks meet these new D.O.T. regulations.

Toolbox and Refueling Tank Combos



30 Gallon Toolbox and Refueling Tank Combo

#### **Overall Dimensions**

Fuel Storage		Dimensions			
Capacity	Capacity	Length	Width	Height	
30 gallons	5 cubic ft.	61 3/4"	17 1/2"	19 1/2"	
50 gallons	8 cubic ft.	61 3/4"	27 1/2"	19 1/2"	



#### Store Items Underneath Toolbox Tank

Our Riser Kit raises Transfer Flow's toolbox tank combos 3 5/8 inches, allowing you to store plywood, 2x4s, sheetrock, etc, underneath!

Description	Part Number
Riser Kit for 30 gal. toolbox tank combo	020-01-12987
Riser Kit for 50 gal. toolbox tank combo	020-01-13284





**Manually Refill Your Fuel Tank Or Other Equipment!** 

#### **Features and Benefits**

- Available in 30 and 50 gallon units.
- D.O.T. legal for gas, diesel, gasohol & kerosene.
- 30 gallon unit fits short & long bed pickups.
- 50 gallon unit fits long bed pickups.
- Includes 12-volt refueling pump, 8 foot hose, nozzle, and fuel pump.
- Fuel tank is baffled to prevent fuel sloshing.
- Operates with dash-mounted switch (included)
- Toolbox has locking paddle handles.
- 12-volt pump pumps 7 gallons per minute.
- 30 gal. unit has about 5 cubic feet of storage space.
- 50 gal. unit has about 8 cubic feet of storage space.
- Optional Riser Kit raises toolbox tank 3 5/8" to allow for storage of plywood, 2x4s, and sheetrock underneath!

#### Toolbox and Refueling Tank Combos — Legal for Gasoline!

Gallons	Fuel Type	Years	Part Number	Ship/Weigh	t Notes
30 gallons	Gas, Diesel, Gasohol, Kerosene	All	080-01-12975	Truck/191 lb.	Includes pump, hose, nozzle
50 gallons	Gas, Diesel, Gasohol, Kerosene	All	080-01-13252	Truck/255 lb.	Includes pump, hose, nozzle

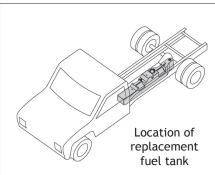
# Dodge Cab Chassis Midship Fuel Tanks



- Fuel tanks are made from 12 and 14 gauge aluminized steel for rust resistance and strength.
- Fuel tanks mount inside the frame rails.
- 40 gallon fuel tank fits 2007 2009 Dodge 60" CA cab chassis.
- 48 gallon fuel tank fits 2007 2009 Dodge 84", 108", and 120" CA cab chassis.
- 40 and 48 gallon fuel tanks replace OEM midship or aft axle fuel tank.
- Fuel tanks are baffled to reduce fuel sloshing.
- Fuel tanks available for 60", 84", 108" and 120" CA
- Powder coated black for a durable finish.
- Available for Dodge diesel cab chassis only.
- 3 year/60,000 limited warranty.

#### Cab Chassis Midship Replacement Fuel Tanks

		•	•		
Gallons F	uel Typ	e Years	Part Number	Ship/Weight	Notes
40 gallon replacement	Diesel	2007-09	080-01-13734	Truck/185 lb.	Replaces OEM aft axle tank on 60" CA
40 gallon replacement	Diesel	2007-09	080-01-13890	Truck/190 lb.	Replaces OEM midship tank on 60" CA
48 gallon replacement	Diesel	2007-09	080-01 - 13610	Truck/197 lb.	Replaces OEM aft axle tank on 84" CA
48 gallon replacement	Diesel	2007-09	080-01-13892	Truck/197 lb.	Replaces OEM midship tank on 84" CA
48 gallon replacement	Diesel	2007-09	080-01 - 13881	Truck/205 lb.	Replaces OEM aft axle tank on 108" or 120" CA
48 gallon replacement	Diesel	2007-09	080-01 - 13886	Truck/207 lb.	Replaces OEM midship tank on 108" or 120" CA



#### Overall Dimensions

Fuel	Dimensions					
Capacity	Length	Width	Height			
40 gallons	<i>7</i> 4 1/2"	11 1/2"	17 5/8			
48 gallons	79"	11 1/2"	18"			

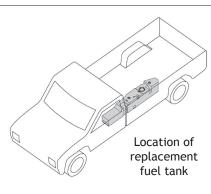
#### **Dodge Fillneck Kits**

Transfer Flow manufactures fillneck kits for 2007 - 2009 Dodge cab chassis, as well as fillneck kits for converting a pickup bed to a utility box or flatbed.



# Dodge Pickup Midship Fuel Tanks





#### **Overall Dimensions**

Fuel	[	Dimensions	;
Capacity	Length	Width	Height
54 gallons	89 5/8"	12 3/4"	17 1/2"
56 gallons (Mega Cab)	96"	13 1/4"	16 3/4"
56 gallons (Quad Cab)	88"	13 1/4"	15 3/4"

#### Features and Benefits

- Fuel tanks are made from 12 and 14 gauge aluminized steel for rust resistance and strength.
- 56 gallon tank for Long Bed Quad Cab hangs 1/2 inch below the lowest part of the frame rail.
- 56 gallon tank for the Mega Cab hangs 1 1/4 inch below the lowest part of the frame rail. • Spare tire does not have to be removed.
- 54 gallon tank hangs 3 1/2 inches below the low- Available for Dodge diesel pickups only. est part of the frame rail.
- Comes complete with all parts needed to install replacement fuel tank.
- Fuel tanks are baffled to reduce fuel sloshing. Fuel tanks mount inside the frame rails.
- Powder coated black for a durable finish.
- - 3 year/60,000 mile limited warranty

#### Pickup Midship Replacement Fuel Tanks

•	-	•			
Gallons	Fuel Type	Years	Part Number	Ship/Weight	Notes
54 gallon replacement	Diesel	1994-97	080-01 - 11758	Truck/205 lb.	2500, 3500 4x4 Long bed Ext. Cab
54 gallon replacement	Diesel	1998-02	080-01 - 11508	Truck/208 lb.	2500, 3500 4x4 Long bed Quad Cab
56 gallon replacement	Diesel	2003-04	080-01-12351	Truck/203 lb.	2500, 3500 Long bed Quad Cab
56 gallon replacement	Diesel	2005-09	080-01 - 13068	Truck/204 lb.	2500, 3500 Long bed Quad Cab
56 gallon replacement	Diesel	2006-10 🗷	080-01-13410	Truck/223 lb.	Mega Cab with 6 1/2 foot bed

🗷 = 2006-10 Dodge Mega Cabs with a single driveline must purchase a Single Drive Shaft Kit from Transfer Flow (part number 020-14602). Mega Cabs equipped with a two-piece driveline do not require this kit.

# Ford Cab Chassis Midship Fuel Tanks



#### **Features and Benefits**

- Auxiliary and replacement systems available.
- Auxiliary systems are computer controlled with TRAX-II<sup>®</sup> (see page 5).
- Dash mounted LCD displays fuel levels of main and auxiliary tank (auxiliary systems only).
- Fuel tanks are baffled to reduce fuel sloshing.
- Tanks made from 12 & 14-gauge aluminized steel.
- Powder coated black for a durable finish.
- Fuel tanks available for 60", 84", 108" & 120" CA
- Fuel tank mounts inside the frame rails.
- Available for gas and diesel cab chassis.
- Auxiliary tanks require a fillneck kit (see list below).
- Meets all federal and state emissions regulations.
- 3 year/60,000 mile limited warranty.

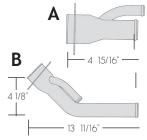
#### Midship Auxiliary Fuel Tanks

•					
Gallons	Fuel Type	Years	Part Number	Ship/Weight	Notes
30 gallon auxiliary	Diesel	1999-10 🕭	080-01-10612	UPS/134 lb.	60" CA std. cab 4x4
34 gallon auxiliary	Diesel	1999-10 🛧	080-01-10495	Truck/172 lb.	60" CA except std. cab 4x4
34 gallon auxiliary	Gas (non OBD-II)	1999-04 뢒 🌑	080-01-10609	Truck/172 lb.	60" CA except std. cab 4x4
34 gallon auxiliary	Diesel	1999-10 🙅	080-01-10345	Truck/172 lb.	84", 108" and 120" CA
34 gallon auxiliary	Gas (non OBD-II)	1999-04 🕏 🗨	080-01-10342	Truck/181 lb.	84", 108" and 120" CA
50 gallon auxiliary	Diesel	1999-10 🕏	080-01-13035	Truck/227 lb.	60" CA ext. cab or crew cab
50 gallon auxiliary	Diesel	1999-10 📤	080-01-13341	Truck/231 lb.	84", 108", and 120" CA

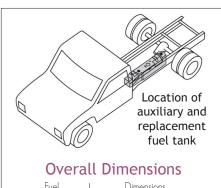
#### Cab Chassis Fillneck Kits (Required When Installing Auxiliary Systems)

	(	7	
Fillneck Description	Fuel Type	Years	Part Number
Formed fillneck with formed transfer tube	Diesel	1999-10	020-01 - 10585
Formed fillneck with straight transfer tube	Diesel	1999-10	020-01 - 10586
Straight fillneck with formed transfer tube	Diesel	1999-10	020-01 - 10587
Straight fillneck with straight transfer tube	Diesel	1999-10	020-01 - 10588
Formed fillneck with formed transfer tube	Gas	1999-09	020-01 - 10589
Formed fillneck with straight transfer tube	Gas	1999-09	020-01 - 10590
Straight fillneck with formed transfer tube	Gas	1999-09	020-01 - 10591
Straight fillneck with straight transfer tube	Gas	1999-09	020-01 - 10592

- 📤 = A fillneck kit is required. See list below.
- = A California cab chassis must be over 14,000 GVW.



Fillneck kits for 1999-2010 Ford cab chassis are available with a straight fillneck (A), or formed fillneck (B).



Fuel	Dimensions					
Capacity	Length	Width	Height			
30 gallons	64"	10 1/2"	15 1/2"			
34 gallons	73"	10 1/2"	15 1/2"			
50 gallons	82"	12 1/2"	17 1/2"			



#### **Includes LCD Display**

The midship auxiliary fuel tank systems listed on this page include a dash mounted LCD display. It shows the gallons in the main tank, the auxiliary tank, and the vehicle's combined fuel capacity. It will also indicate when fuel is being transferred from the auxiliary tank to the stock tank.

# Ford Cab Chassis Midship Fuel Tanks

#### Midship Replacement Fuel Tanks

Gallons	Fuel Typ	e Years	Part Number	Ship/Weight	Notes
30 gallon replacement	Diesel	1999-10 ★	080-01-10989	UPS/129 lb.	60" CA std. cab 4x4. Replaces OEM midship tank
30 gallon replacement	Diesel	1999-10 **	080-01 - 10991	UPS/129 lb.	60" CA std. cab 4x4. Replaces OEM aft axle tank
30 gallon replacement	Gas	1999-10 ★	080-01-10992	UPS/129 lb.	60" CA std. cab 4x4. Replaces OEM midship tank
30 gallon replacement	Gas	1999-04 **	080-01 - 10994	UPS/129 lb.	60" CA std. cab 4x4. Replaces OEM aft axle tank
34 gallon replacement	Diesel	1999-10 ★	080-01-10995	Truck/165 lb.	60" CA except std. cab 4x4. Replaces OEM midship tank
34 gallon replacement	Diesel	1999-10 **	080-01 - 10997	Truck/165 lb.	60" CA except std. cab 4x4. Replaces OEM aft axle tank
34 gallon replacement	Gas	1999-09 ★	080-01-10998	Truck/165 lb.	60" CA except std. cab 4x4. Replaces OEM midship tank
34 gallon replacement	Gas	1999-04 **	080-01 - 11000	Truck/165 lb.	60" CA except std. cab 4x4. Replaces OEM aft axle tank
50 gallon replacement	Diesel	1999-10 ★	080-01-13040	Truck/218 lb.	60" CA except std. cab 4x4. Replaces OEM midship tank
50 gallon replacement	Diesel	2000-10 ★	080-01-13038	Truck/218 lb.	60" CA except std. cab 4x4. Replaces OEM aft axle tank
50 gallon replacement	Diesel	1999-10 ★	080-01-13343	Truck/218 lb.	84", 108" & 120" CA. Replaces OEM midship tank
50 gallon replacement	Diesel	2000-10 ★	080-01-13344	Truck/218 lb.	84", 108" & 120" CA. Replaces OEM aft axle tank
34 gallon replacement	Diesel	1999-10 ★	080-01 - 11001	Truck/165 lb.	84", 108" & 120" CA. Replaces OEM midship tank
34 gallon replacement	Diesel	1999-10 **	080-01 - 11003	Truck/165 lb.	84", 108" & 120" CA. Replaces OEM aft axle tank
34 gallon replacement	Gas	1999-09 ★	080-01 - 11004	Truck/165 lb.	84", 108" & 120" CA. Replaces OEM midship tank
34 gallon replacement	Gas	1999-04 **	080-01 - 11006	Truck/165 lb.	84", 108" & 120" CA. Replaces OEM aft axle tank
34 gallon replacement	Diesel	1999-10 ★	080-01-11007	Truck/170 lb.	84", 108" & 120" CA. Replaces OEM midship tank
34 gallon replacement	Diesel	2000-10 🛨	080-01-11009	Truck/170 lb.	84", 108" & 120" CA. Replaces OEM aft axle tank
34 gallon replacement 34 gallon replacement	Gas	1999-09 ★	080-01 - 11010	Truck/170 lb.	84", 108" & 120" CA. Replaces OEM midship tank
34 gallon replacement	Gas	2000-04★	080-01-11012	Truck/170 lb.	84", 108" & 120" CA. Replaces OEM aft axle tank
34 gallon replacement	Diesel	1999-10 ★ 🛨	080-01-11013	Truck/167 lb.	84", 108" & 120" CA. Replaces OEM midship tank
<ul><li>34 gallon replacement</li><li>34 gallon replacement</li><li>34 gallon replacement</li></ul>	Diesel	2000-10 * +	080-01 - 11015	Truck/167 lb.	84", 108" & 120" CA. Replaces OEM aft axle tank
34 gallon replacement	Gas	1999-09 🛨 🛨	080-01-11016	Truck/167 lb.	84", 108" & 120" CA. Replaces OEM midship tank

- $\star$  = A fuel line release tool is needed for 1999-01 model years. Part #070-TO-07065.
- 🗱 = For 1999 model years, a Sending Unit Adapter Kit is required when replacing an OEM aft axle tank with a TFI midship fuel tank system. See listing below.
- + = Tank will not work with the Century Right Approach Rollback.

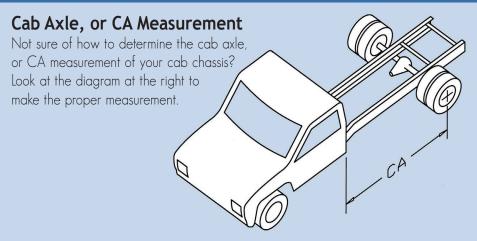
#### Sending Unit Adapter Kit

Description	Years and Vehicle Make	Part Number
Sending Unit Adapter Kit	Required for 1999 model year when replacing an OEM aft axle tank with a TFI midship fuel tank system	020-01-13981



#### Ford Cab Chassis Fillneck Kits Available

Transfer Flow manufactures a variety of fillneck kits for Ford diesel and gas cab chassis.



# Ford Pickup Midship Fuel Tanks



#### **Features and Benefits**

- Fuel tanks are made from 12 or 14-gauge aluminized steel for rust resistance and strength.
- Fuel tanks mount inside the frame rails.
- 46 and 57 gallon tanks have been crash tested to FMVSS-301 regulations.
- 46, 47, and 57 gallon fuel tanks hang down four inches below lowest part of frame rail.
- Powder coated black for a durable finish.

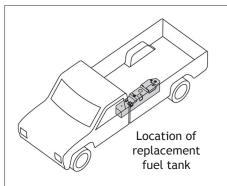
- Available for gas and diesel pickups.
- Fuel tanks are baffled to reduce fuel sloshing.
- Comes complete with all components needed to install replacement fuel tank.
- Meets all federal and state emissions regulations.
- You do not have to replace the spare tire with the addition of a larger midship fuel tank.
- 3 year/60,000 mile limited warranty.

#### Midship Replacement Fuel Tanks

Gallons F	uel Typ	e Years	Part Number	Ship/Weight	Notes
40 gallon replace.	Diesel	1987-97 ★+	080-01-06858	UPS/115 lb.	Pickups with 8 ft. beds except std. cab 4x4
40 gallon replace.	Gas	1990-97 ★ ◆ 🕂	080-01-06860	UPS/118 lb.	Pickups with 8 ft. beds except std. cab 4x4
46 gallon replace.	Diesel	1999-07 ★ 🗱	080-01-11952	Truck/175 lb.	Crew cabs & extended cabs with 6 1/2 ft. bed
47 gallon replace.	Diesel	2008 - 10 🗯	080-01-13778	Truck/165 lb.	Crew cabs & extended cabs with 6 1/2 ft. bed
46 gallon replace.	Gas	1999-04 **	080-01-11953	Truck/183 lb.	Crew cabs & extended cabs with 6 1/2 ft. bed
46 gallon replace.	Gas	2005-07 *	080-01-13367	Truck/189 lb.	Crew cabs & extended cabs with 6 1/2 ft. bed
47 gallon replace.	Gas	2008 - 10 🗯	080-01 - 14333	Truck/181 lb.	Crew cabs & extended cabs with 6 1/2 ft. bed
57 gallon replace.	Diesel	1999-07 **	080-01-12083	Truck/199 lb.	Crew cabs & extended cabs with 8 ft. bed
57 gallon replace.	Gas	1999-04 ★ 🗱	080-01-12084	Truck/213 lb.	Crew cabs & extended cabs with 8 ft. bed
60 gallon replace.	Diesel	2008-10 *	080-01-13833	Truck/196 lb.	Crew cabs & extended cabs with 8 ft. bed

- ★ = A fuel line release tool is needed for 1994-01 diesel vehicles and 1992-01 gas vehicles. Part #070-TO-07065.
- ◆ = On 1990-93 gas vehicles, Ford recall #93S68 of fuel module must be completed prior to install.
- + = On 1997 model years, this fuel tank system will only fit on Heavy Duty F250 and F350 pickups.
- ☀ = On 1999-10 model years, this fuel tank system will fit on Heavy Duty F250 and F350 pickups. On 2008-10 model years, it will also fit on an F450 longbed pickup conversion

46 Gallon Midship Replacement Tank



#### **Overall Dimensions**

Fuel	l D	imensions	
Capacity	Length	Width	Height
40 gallons	69 3/4"	13"	14 3/4"
46 gallons	70 1/2"	14 1/8"	15"
47 gallons	70 1/2"	14 5/8"	16 7/8"
57 gallons	86 1/2"	14 1/8"	15"
60 gallons	86 3/4"	14 5/8"	16 7/8"

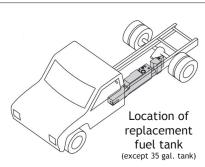
#### Ford Fillneck Kits

Transfer Flow manufactures a variety of fillneck kits for Ford diesel and gas pickups and cab chassis conversions. Our fast-fill fillneck kits allow you to use diesel truck stop nozzles for a faster fill! Fillnecks kits available for OEM and Transfer Flow fuel tank systems.



# GM Cab Chassis Midship Fuel Tanks





#### **Overall Dimensions**

Height
17 7/8"
16 1/2"
18"



- Fuel tanks are made from 12 and 14-gauge aluminized steel for rust resistance and strength.
- Fuel tanks mount inside the frame rails.
- Powder coated black for a durable finish.
- 43 gallon fuel tank fits 2003-2009
   GM C4500 C5500 with 60" CA.
- 48 gallon fuel tank fits 2003-2009 GM
   C4500 C5500 with 84", 108", 120", 126" CA.
- 43 & 48 gallon fuel tanks replace OEM midship or aft axle fuel tank.
- 35 gallon fuel tank replaces OEM aft tank on 4x4 only, and is located on passenger's side.
- Fuel tanks are baffled to reduce fuel sloshing.
- Auxiliary Tank Upgrade Kit can upgrade some replacement tanks to auxiliary fuel systems.
- 3 year/60,000 mile limited warranty.

#### Midship Replacement Fuel Tanks

Gallons	Fuel Type	e Years	Part Number	Ship/Weight	Notes
43 gallon replace.	Diesel	2003-09	080-01 - 13423	Truck/200 lb.	Replaces OEM midship tank on 60" CA
43 gallon replace.	Diesel	2003-09	080-01 - 13420		Replaces OEM aft axle tank on 60" CA
48 gallon replace.	Diesel	2003-09	080-01 - 13456	Truck/205 lb.	Replaces OEM midship tank on 84", 108", 120", & 126" CA
48 gallon replace.	Diesel	2003-09 •	080-01 - 13453	Truck/207 lb.	Replaces OEM aft axle tank on 84", 108", 120", & 126" CA
35 gallon replace.	Diesel	2004-09 * •	080-01 - 13081		Replaces OEM aft axle tank on 84", 108" (except 108" CA with standard cab), 120", & 126" CA on 4x4 only. Replacement fuel tank is located on passenger's side.

#### Auxiliary Tank Upgrade Kit (Upgrades Replacement Tank to an Auxiliary System)

Description	Years	Part Number	Notes
Auxiliary Tank Upgrade Kit	2003-09		Upgrades a Transfer Flow GM cab chassis replacement tank to an auxiliary fuel systems using our TRAX-II® computer system. This kit is only available if the chassis came with an aft axle fuel tank. See page 5 for TRAX-II® information.

- \* = Replacement fuel tank is located on passenger's side.
- 🔾 = This system can be made into an auxiliary system using Transfer Flow's Auxiliary Tank Upgrade Kit. See kit information below.

#### GM Cab Chassis Fillneck Kits

Transfer Flow manufactures fillneck kits for 2003 - 2009 GM C4500 and C5500 diesel cab chassis. These fillnecks are available in formed and straight fillnecks.



# GM Pickup Midship Fuel Tanks



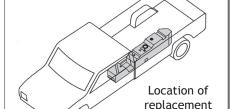
- **Features and Benefits**
- Fuel tanks are made from 12 and 14-gauge aluminized steel for rust resistance and strength.
- Fuel tanks are baffled to reduce fuel sloshing.
- Meets all federal and state emissions regulations.
- 45 & 56 gallon fuel tanks hang down one inch below the lowest part of the frame rail.
- Powder coated black for a durable finish.
- Comes with all parts needed to install replacement fuel tank.
- Fuel tanks available for trucks with 6 1/2 and 8 foot beds.
- Fuel tanks mount inside the frame rails.
- Available for gas and diesel pickups.
- 3 year/60,000 mile limited warranty.

#### Midship Replacement Fuel Tanks

Gallons	Fuel Type	Years	Part Number	Ship/Weight	Notes
45 gallon replace.	Diesel - LB7	2001-04 🔷 🔾	080-01-11914	Truck/191 lb.	2500 HD & 3500 HD crew cab or ext. cab with 6 1/2 ft. bed
45 gallon replace.	Diesel - LLY, LBZ, LMM	2004-10 🔷 🔾	080-01-12755	Truck/200 lb.	2500 HD & 3500 HD crew cab or ext. cab with 6 1/2 ft. bed
45 gallon replace.	Gas	2001-03 🔸	080-01-12304	Truck/203 lb.	2500 HD & 3500 HD crew cab or ext. cab with 6 1/2 ft. bed
45 gallon replace.	Gas	2004-09 💠	080-01-13237	Truck/199 lb.	2500 HD & 3500 HD crew cab or ext. cab with 6 1/2 ft. bed
56 gallon replace.	Diesel - LB7	2001-04 🔷 🔾	080-01 - 11513	Truck/220 lb.	2500 HD & 3500 HD crew cab or ext. cab with 8 ft. bed
56 gallon replace.	Diesel - LLY, LBZ, LMM	2004-10 🔸 🔾	080-01-12752	Truck/208 lb.	2500 HD & 3500 HD crew cab or ext. cab with 8 ft. bed
56 gallon replace.	Gas	2001-03 🔸	080-01-12306	Truck/229 lb.	2500 HD & 3500 HD crew cab or ext. cab with 8 ft. bed

♦ = Available only for 2500 HD & 3500 HD series pickups (not available for 1500 series due to low clearance).

😊 = On 2004 GM diesel pickups, check the pickup's Vehicle Identification Number (VIN) prior to ordering. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number. Please indicate your GM pickup's engine type when ordering this product.



#### **Overall Dimensions**

fuel tank

Fuel	l D	imensions	
Capacity	Length	Width	Height
45 gallons	76 3/4"	13"	20 3/4"
56 gallons	90 3/4"	13"	17 7/8"

HD = Heavy Duty

#### 2004 GM DIESEL PICKUP NOTICE

Please check your 2004 diesel pickup's VIN number prior to ordering a replacement tank. There was a mid-year engine change by GM for this model year. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number.

#### GM Silverado Fillneck Kits

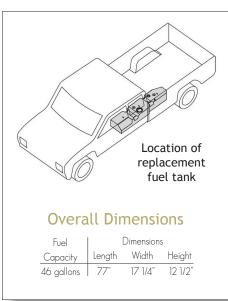
Transfer Flow manufactures fillneck kits for GM pickups. Options include fast-fill fillnecks kits for Transfer Flow's replacement tanks and OEM fuel tanks, as well as fillneck kits for converting a pickup bed to a utility box!



# Toyota Tundra Midship Fuel Tank



46 Gallon Midship Replacement Tank



#### **Features and Benefits**

- Tank fits Toyota Tundra short bed and long bed Double Cab and Crew Max pickups.
- Available for non-California gas pickups.
- Fuel tanks are made from 12 and 14-gauge aluminized steel for rust resistance and strength.
- Fuel tank is baffled to reduce fuel sloshing.
- Powder coated black for a durable finish.
- Fuel tank hangs down about one inch below the lowest part of the frame rail.
- Comes with all parts needed to install replacement fuel tank.
- Spare tire does not have to be removed.
- Fuel tanks mount inside the frame rails.
- 3 year/60,000 mile limited warranty.

#### Toyota Tundra Midship Replacement Fuel Tank

Gallons	Fuel Type	e Years	Part Number	Ship/Weight	Notes
46 gallon replacement	Gas	2007-10 •	080-01-14225	Truck/180 lb.	Fits Double Cab & Crew Max Tundras.

• = Available for non-California Toyota Tundra Double Cab & Crew Max gas pickups.

# New 30 Gallon Toolbox and Fuel Tank Combo Available for Toyota Tundras!

Increase your Tundra's fuel capacity and storage space at the same time! Transfer Flow has introduced a 30 gallon toolbox and fuel tank combo for Toyota Tundra regular cab and double cab pickups (non-California gas trucks only).

See page 6 for more information!



# **ICC Fuel Tanks**



#### **Features and Benefits**

- Auxiliary system is computer controlled with TRAX-II<sup>®</sup> (see page 5).
- Dash mounted LCD displays fuel levels of main and auxiliary tank (auxiliary system only).
- Fuel tanks are made from 14-gauge aluminized steel for rust resistance and strenath.
- Fuel tanks are baffled to reduce fuel sloshing.
- Auxiliary systems available for diesel vehicles only.
- Diesel and gas generator kits available.
- Fuel tanks are available with center fill only.
- Meets all federal and state emissions regulations.
- 3 year/60,000 mile limited warranty.

#### **Auxiliary and Generator ICC Fuel Tanks**

Gallons	Fuel Typ	e Years	Part Number	Ship/Weight	Notes Notes
30 gallon auxiliary tank	Diesel	1994-09 Dodge, 1990-10 Ford HD 1990-10 GM HD	080-01 - 10655	UPS/153 lb.	Fuel tank, center fill
30 gallon generator tank	Diesel	All	080-01 - 10658	UPS/146 lb.	Generator system only
30 gallon generator tank	Gas	All	080-01 - 10657	UPS/149 lb.	Generator system only

# Location of ICC fuel tank Overall Dimensions Fuel Dimensions Capacity Length Width Height 30 gallons 26 1/2" 20 1/4" 14 1/4"

#### Fillneck Adapter and Extension Kits

Description	Years and Vehicle Make	Part Number
Fillneck Adapter	Required for 1990-97 Ford diesel vehicles and 2001-10 GM diesel vehicles	020-01 - 11518
Fuel Line Extension Kit	Required for a 1999-10 Dodge, Ford, or GM cab chassis that has a rear tank	020-01 - 10704
Wire Harness Extension Kit	Required for GM C4500 and C5500 cab chassis only	020-01 - 13426

- ▲ = 1990-97 Ford diesel & 2001-09 G/M diesel vehicles require a Fillneck Adapter for the front OE/M tank. See listings below.
- = On 2004 GM diesel pickups, check the pickup's Vehicle Identification Number (VIN) prior to ordering. Your pickup will have an LB7 engine if there is a "1" in the eighth digit of the VIN number. Your pickup has an LLY engine if there is a "2" in the eighth digit of the VIN number. Please indicate your GM pickup's engine type when ordering this product for the 2004 model year.



#### **Includes LCD Display**

Transfer Flow's 30 gallon ICC auxiliary system includes a dash mounted LCD. It displays the gallons in the main tank, the auxiliary tank, and the vehicle's combined fuel capacity.

# Retrofit Fillneck Kits

# Ford chassis/pickup straight fillneck with straight transfer tube Ford chassis/pickup formed fillneck with formed transfer tube

#### Transfer Flow is Your Source For Fillneck Kits!

Transfer Flow manufactures a variety of retrofit fillneck kits for Dodge, Ford, GM, and Mitsubishi vehicles. Several of our fillneck kits are available for converting pickups to utility bodies, for pickup box removal, and for accommodating the larger truck stop fuel nozzles for a faster fill!

#### Ford Cab Chassis and Pickup Conversion Fillneck Kits

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	Vehicle	Years	Fillne	ck Description	Part Number
	Diesel chassis/pickup	1987-97	Front tank, straight fillneck fo	or pickup and cab chassis conversion 💠	020-01-08767
	Diesel chassis/pickup	1987-97	Rear tank, straight fillneck fo	or pickup and cab chassis conversion 💠	020-01-08768
1	Gas chassis/pickup	1987-97	Front tank, straight fillneck fo	or pickup and cab chassis conversion 💠	020-01-09619
1	Gas chassis/pickup	1987-97	Rear tank, straight fillneck fo	or pickup and cab chassis conversion 💠	020-01-09620
	Diesel chassis/pickup	1999-10	Formed fillneck with formed	transfer tube	020-01-10585
	Diesel chassis/pickup	1999-10	Formed fillneck with straight	transfer tube	020-01-10586
	Diesel chassis/pickup	1999-10	Straight fillneck with formed	transfer tube	020-01-10587
	Diesel chassis/pickup	1999-10	Straight fillneck with straight	t transfer tube	020-01-10588
	Gas chassis/pickup	1999-09	cab chassis, 1999-04 Pickup	Formed fillneck with formed transfer tube	020-01 - 10589
	Gas chassis/pickup	1999-09	cab chassis, 1999-04 Pickup	Formed fillneck with straight transfer tube	020-01-10590
	Gas chassis/pickup	1999-09	cab chassis, 1999-04 Pickup	Straight fillneck with formed transfer tube	020-01 - 10591
	Gas chassis/pickup	1999-09	cab chassis, 1999-04 Pickup	Straight fillneck with straight transfer tube	020-01-10592
	Gas pickup	2005-09	Front tank, straight fillneck for	box removal. Works on 56" cab axle only.	020-01 - 13199

#### Ford Pickup Fillneck Kits

Vehicle	Years	Fillneck Description	Part Number
Diesel pickup	1987-97	Fast-fill fillneck kit for OEM front tank, standard box	020-01-09292
Diesel pickup	1987-97	Fast-fill fillneck kit for OEM front tank, dually box	020-01-09284
Diesel pickup	1987-97	Fast-fill fillneck kit for OEM rear tank, standard box	020-01-09291
Diesel pickup 1987-97		Fast-fill fillneck kit for OEM rear tank, dually box	020-01-09285
		Fast-fill fillneck kit for TFI front tank, standard box	020-01-08047
		Fast-fill fillneck kit for TFI front tank, dually box	020-01-08048
Diesel pickup	1987-97	Fast-fill fillneck kit for TFI rear tank, standard box	020-01-06930
Diesel pickup	1987-97	Fast-fill fillneck kit for TFI rear tank, dually box	020-01-06929

#### GM Silverado Pickup and GM C4500/C5500 Cab Chassis Fillneck Kits

Vehicle	Years	Fillneck Description	Part Number
Diesel Silverado	1999-04	Fillneck kit for box removal on LB7 engine	020-01 - 11725
Diesel Silverado	2004-10	Fillneck kit for box removal on LLY, LBZ, and LMM engine	020-01 - 13258
Gas Silverado	1999-03	Fillneck kit for box removal	020-01-11724
Gas Silverado	2004-09	Fillneck kit for box removal	020-01-12639
Diesel Silverado	2001-04	Fast-fill fillneck kit for OEM tank (fits LB7 engines only)	020-01 - 11726
Diesel Silverado	2001-04	Fast-fill fillneck kit for Transfer Flow replacement tank (fits LB7 engines only)	020-01 - 11889
Diesel chassis	2003-05	Formed fillneck kit for G/M C4500/C5500 cab chassis	020-01-12584
Diesel chassis	2003-05	Straight fillneck kit for GM C4500/C5500 cab chassis	020-01 - 12585
Diesel chassis	2006-10	Formed fillneck kit for G/M C4500/C5500 cab chassis	020-01 - 13429
Diesel chassis	2006-10	Straight fillneck kit for GM C4500/C5500 cab chassis	020-01 - 13430

#### Dodge Pickup Box Removal and Dodge Cab Chassis Fillneck Kits

Years	Fillneck Description	Part Number
2003-09	Fillneck kit for box removal	020-01-12359
2003-05	Fillneck kit for box removal	020-01-12360
2007-09	Formed fillneck with formed transfer tube	020-01 - 10585
2007-09	Formed fillneck with straight transfer tube	020-01 - 10586
2007-09	Straight fillneck with formed transfer tube	020-01 - 10587
2007-09	Straight fillneck with straight transfer tube	020-01 - 10588
	2003-09 2003-05 2007-09 2007-09 2007-09	Years Fillneck Description  2003-09 Fillneck kit for box removal  2003-05 Fillneck kit for box removal  2007-09 Formed fillneck with formed transfer tube  2007-09 Formed fillneck with straight transfer tube  2007-09 Straight fillneck with formed transfer tube  2007-09 Straight fillneck with straight transfer tube







= Fillnecks for 1997 model year are for F250 and F350 Heavy Duty pickups & cab chassis only.

# Additional Products and Services



# RV Generator Tank Holds up to 8 gallons of Fuel!

- Replaces a stock 30 lb. propane tank on RVs, fifth wheels, and travel trailers.
- Mounts to existing tank holder.
- Holds 8.2 gallons of fuel.
- Meets NFPA 1192 standards.

- Includes supply and return fuel fittings, fuel vent valve, and fuel cap.
- Optional Tank-mounted Fuel Gauge available (shown in photo).
- Powder coated black for a durable finish.

**Generator Tank** Part # 060-01-13565 **Tank-mounted Fuel Gauge** Part # 070-GA-32538



#### We Install Pace-Edwards™ Bed Covers!

Pace Edwards' commitment to quality and development has earned them the position as the market leader in the retractable tonneau cover industry. They have over 20 years of experience and over a quarter of a million covers on the road today! And now Transfer Flow installs Pace-Edwards retractable

bed covers at our facility in Chico, California! We even offer a 37 gallon in-bed auxiliary fuel tank system that fits under a Pace-Edwards' retractable bed cover! Let us install both the fuel tank and Pace-Edwards cover for you!







# **Locking Gas Caps**

# A Locking Gas Cap Keeps Your Fuel Safe and Secure!

- Locking caps available for gas and diesel applications
- We can key two or more gas caps alike (same key opens two or more locking caps)
- Caps available for older and new vehicles.
- Sold as an upgrade to Transfer Flow fuel tank systems.
- Will work with some OEM fuel tanks.

Call us for specific vehicle availability.





Check out Transfer Flow's website at www.transferflow.com for money saving specials!



# Federal and State Regulations

# What Is A "LEGAL" Fuel Tank System?

In the aftermarket fuel tank system industry, there is a lot of confusion over what is "legal" when adding or replacing a fuel tank. We hope the following information helps clear up some of these very important concerns. In order to address the question of which federal or state regulations a fuel system must meet or exceed, it is necessary to know the particular vehicle and fuel system being used. The following information is divided into two main categories, Vehicles less than 10,000 GVW, and vehicles greater than 10,000 GVW. Be advised that this information is not intended to be a complete list, but rather a general overview.

**Important Note:** FMVSS 301 requires that anyone who alters the fuel system of a vehicle may do so only for the final owner of that vehicle. Any fuel system alterations need to be completed after dealers have transacted the sale or lease. As a result of crash testing, several of TFI's auxiliary and replacement tanks meet FMVSS 301 standards. Transfer Flow is now able to offer some of our fuel systems to ship-through programs and to dealerships. Contact Transfer Flow for a list of our fuel systems that are available to install prior to the first sale or lease of the vehicle.

#### Vehicles Less Than 10,000 GVW

TFI fuel systems meet FMVSS 301 (Federal Motor Vehicle Safety Standards), VESC-22 (Vehicle Equipment Safety Commission), NFPA 1192, ANSI 119.2, RVIA (Recreational Vehicle Industry Association) regulations, CARB (California Air Resources Board), and EPA (Environmental Protection Agency) regulations.

FMVSS 301 states that anyone who alters a vehicle must meet or exceed the structural integrity and performance of the OEM (Original Equipment Manufacturer) fuel system. A fuel system includes anything associated with fuel systems such as the fillneck, tank, gasoline lines, fuel pump, emission canister and fasteners. In other words, if an alterer adds an auxiliary system to a vehicle thereby reducing the performance of the fuel system, he or she has violated FMVSS 301 standards. An example of performance reduction could be if fuel from the original system leaked because the auxiliary system was gravity feeding into the original tank. This creates a real concern as it not only violates FMVSS 301 regulations, but is also a hazardous waste problem.

# TFI's inboard chassis frame and in-bed tank systems meet and exceed the OEM systems in the following areas:

- **1.** TFI tanks are designed using 14-gauge aluminized steel as a minimum instead of the 22 gauge terneplate or plastic that OEM typically uses. Transfer Flow's aluminum diamond plate in-bed tanks are made from 1/8" thick aluminum.
- 2. TFI tanks are fully baffled unlike OEM tanks which have no baffles.
- **3.** At a minimum, TFI tanks are drop tested in accordance with VESC-22. When drop tested, they are fully filled with water and cannot leak. Many of TFI's fuel systems are also crash tested to FMVSS 301 standards.
- **4.** Tanks are 100% pressure tested. Some are tested using a sophisticated automatic Helium testing machine. This machine is capable of finding leaks with a helium concentration of less that 1.00E-7 liters/sec (leak size of 0.0000000315 in-sq or 3.15 E-8 in-sq).
- **5.** TFI tank systems meet the fastener (strap) regulations specified by ANSI, NFPA, and required by RVIA (Recreation Vehicle Industry Association).
- **6.** TFI systems meet CARB and EPA emissions regulations. We design our systems with the correct emission canister capacity necessary for gasoline applications. GM, Ford, Dodge, etc. all use different canisters with different absorption characteristics. Each TFI fuel system is designed to be compatible with that vehicle's emissions system.
- **7.** TFI fillneck designs meet CARB fuel fill regulations. We design our fillnecks with proper alpha and beta angles and correct inclination angles for gasoline and diesel applications.
- **8.** TFI systems meet CARB and EPA requirements concerning fuel fill rates. This test verifies that our system fills at a minimum of 10 gallons per minute a rate equal to that dispensed at most gas stations.

#### Vehicles Greater Than 10,000 GVW

TFI fuel systems meet VESC-22 (Vehicle Equipment Safety Commission), NFPA 1192, ANSI 119.2, RVIA (Recreation Vehicle Industry Association), CARB (California Air Resources Board) and EPA (Environmental Protection Agency) regulations.

#### TFI inboard mounted systems meet or exceed the following tests:

- **1.** TFI inboard frame rail mounted systems are tested following VESC-22 and RVIA regulations and standards.
- **2.** TFI tanks are drop tested as high as 44 feet, filled with water, and can't leak.
- **3.** TFI tanks are pressurized to 5 psi with air or helium while under water.
- 4. TFI systems meet the fastener (strap) regulations, specified by RVIA.

## Plus, Transfer Flow fuel systems for vehicles greater than 10,000 GVW are designed with the following criteria in mind:

- **1.** TFI tanks are designed using, as a minimum, 14-gauge aluminized steel. Aluminum diamond plate in-bed tanks are made of 1/8" thick aluminum.
- 2. TFI tanks are fully baffled on all four sides.
- **3.** TFI tanks are pressurized to 5 psi with air or helium while under water.
- **4.** TFI systems meet CARB and EPA emissions regulations. We design our systems with the correct emission canister capacity necessary for gasoline applications. GM, Ford. Dodge, etc. all use different absorption characteristics in their emissions canisters. Each TFI fuel system is designed to be compatible with that vehicle's emissions system.
- **5.** TFI fillneck designs meet CARB, EPA, and DOT regulations. We design our fillnecks with proper alpha and beta angles and correct inclination angles for gasoline and diesel applications.
- **6.** TFI systems meet CARB and EPA requirements concerning fuel fill rates, which require a test that verifies our systems fill at a minimum of 10 gallons per minute for noncommercial applications.

#### TFI outboard mounted systems meet & exceed D.O.T. regulations 393.65 and 393.67, which include the following tests:

- **1.** TFI ICC tanks are drop tested on their corners at 30 feet, filled with water, and cannot leak.
- 2. TFI ICC tanks are drop tested at 10 feet on the fillneck and can't leak.
- **3.** TFI ICC systems meet the rollover test which states that the complete system, including the tank and all parts, must be turned through an angle of 150 degrees in any direction about any axis from its normal position, and may not leak more than one ounce in one minute or five ounces in five minutes.
- **4.** TFI ICC systems meet the flame test which basically states that a tank, fully filled with diesel fuel, must release its contents prior to reaching an internal pressure of 50 psi.
- **5.** TFI ICC systems meet the fill test that requires the system to fill at least 20 gallons per minute.

# Federal and State Regulations

#### > Refueling Tank Information

# TFI refueling tanks meet and exceed D.O.T. standards for Intermediate Bulk Containers. Our 30 to 109 gallon refueling tanks must adhere to the following guidelines:

- **1.** The Department of Transportation has issued Transfer Flow a Special Permit E-11911 to manufacture and sell TFI refueling tanks that can store gasoline, diesel, gasohol, and kerosene fluids. Only store the aforementioned fluids in TFI refueling tanks.
- **2.** Transfer Flow refueling tanks have been granted Los Angeles Fire Department Approval Number 1-04-02.
- **3.** TFI refueling tanks are designed to be mounted near the head gate in a pickup-box, flat bed or utility box. No other location on the pickup or truck is allowed.
- **4.** TFI refueling tanks meet or exceed the testing and certification requirements specified in 49 CFR 178.803 for metal IBCs.
- **5.** All refueling tanks, including Transfer Flow's, must be retested every 2.5 years in accordance with 49 CFR 180.352.
- **6.** D.O.T. requires that TFI refueling tanks must be attended at all times during loading and unloading by a qualified person. Attended and qualified shall have the meanings described respectively in 49 CFR 177.834 (i), (3), and (4).
- **7.** A copy of TFI's Special Permit E-11911 must be carried aboard each motor vehicle used to transport Transfer Flow, Inc. refueling tanks.

#### Miscellaneous Notes

#### The following are notes concerning questions we are frequently asked:

- **1.** The 1990 Clean Air Act states that an individual owner of a vehicle may modify his fuel system only if it complies with all federal regulations. If he does not, he will risk state and federal penalties.
- **2.** When an auxiliary system is added to a gasoline powered vehicle, the fuel must be drawn through a pipe at the top of the tank. Balance lines or tanks in series so that one tank supplies another is not permitted. Gravity feeding from one tank to another using a balance line is illegal for all systems except ICC diesel systems.
- **3.** Replacement systems are acceptable as long as they meet the previously discussed regulations.
- **4.** Should non compliance with FMVSS or the 1990 Clean Air Act be discovered, the owner would be liable for civil penalties up to \$2,500 for each violation. Also, the Federal Clean Air Act requires manufacturers to exercise more care in their product applications to avoid violations of the law. Violations can carry penalties up to \$200,000. For example, adding a fuel system that does not meet provisions for proper emissions control could be in violation of the Federal Clean Air Act.
- **5.** Fuel line routing should allow for a minimum of 3 inches of clearance from the exhaust system or else a metal heat shield must be provided.
- 6. Fuel lines should never be routed on the outside of the vehicle body.
- **7.** Transfer Flow fuel tanks are not to be used in conjunction with fuel tanks manufactured by other aftermarket fuel tank manufacturers.

# Looking For A Fuel Tank Installer In Your Area? Give Us A Call!



For a listing of companies that install Transfer Flow fuel tank systems, call us toll-free at 1-800-442-0056. You'll also find this listing on our website at www.transferflow.com!





Careful attention must be paid to our instruction sheets in order for our Transfer Flow systems to operate as intended. Each fuel system is accompanied by a complete set of instructions. These instructions must be followed with no exceptions. The systems must be used as intended. Always follow State and Federal guidelines for installation of fuel systems. Always follow existing recommendations from the manufacturer concerning system installations.

# Note: Failure to adhere to the following Transfer Flow guidelines and instructions will invalidate all Transfer Flow, Inc. warranties and responsibilities:

- 1. Do not weld or torch any fuel tank or fuel system component.
- All fuel system components, including the emission canister for gas applications, must be installed on vehicles to maintain CARB and EPA standards.
- Always check fuel lines for restrictions or kinks. A restriction or kink can result in either fuel returning to the wrong tank or loss of power when pulling heavy loads.
- **4.** Always use proper venting procedures (gas cap and/or rollover emissions valves) to prevent over pressurization of the tank.
- 5. Never connect a hot wire with 12 volts directly to the sending unit. This will burn up the sending unit resistor.
- 6. Never apply more than 3 psi to any Transfer Flow fuel tank.
- 7. Always test the sending unit prior to installation using the following procedure:
  - **A.** Using an ohm meter, measure the resistance of the sender at empty and full before installing it in the tank.
  - **B.** Install the sending unit in the tank. Be sure the float arm is positioned so that it will not hit a baffle or stick behind the draw tube. Again, measure the sender at empty and full. The resistance readings should be very close to the ohmages read when the sender was outside of the tank.
- **8.** Do not purchase an in-bed auxiliary fuel tank system for a pickup with a camper shell if you plan to sleep in the bed.
- **9.** Do not install fillnecks within 3 feet of any heat source or open flame.
- 10. Do not install fuel lines within 3 inches of an exhaust system.
- 11. Reminder: There is no warranty on any part that is installed in a tank not manufactured by Transfer Flow, Inc. Transfer Flow, Inc. cannot guarantee these parts because we have no way of knowing the condition and legality of the fuel tank in which the parts are to be installed.
- **12.** Installers must follow local, state and federal OSHA rules for safe work practices.
- 13. Transfer Flow fuel tanks are not to be used in conjunction with a fuel tank manufactured by another aftermarket fuel tank manufacturer. Our auxiliary tanks will only operate with OEM and Transfer Flow fuel tanks.
- **13.** We advise replacement of the stock fuel filter at 2,000 to 3,000 miles after installation of our fuel system.







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# CERTIFICATE OF LIMITED WARRANTY Transfer Flow Aftermarket Fuel Tank Systems

TRANSFER FLOW, INC.'S (TFI) fuel systems are covered by a three year or 60,000 mile limited warranty, against defects in material and workmanship. Transfer Flow, Inc. sending units and pump sending units are covered by a warranty period of one year. This excludes sending units and pump sending units that come with our TRAX-II® and Express-UFS® auxiliary fuel systems, which are covered by our 3 year/60,000 mile limited warranty. Our warranty is in effect in the U.S. from the date the unit is purchased by the original purchaser. "Original Purchaser" shall mean the person who purchases for his own use. If a part must be replaced, TFI will furnish the replacement part on an exchange basis, F.O.B. the factory. TFI will pay our established warranty labor rates, listed below, to service points or service dealers who have service agreements with TFI. No payment will be made for parts purchased or repaired in the field without prior authorization from TFI. TFI must be contacted for authorization to repair or replace parts prior to the work being performed. Charges for warranty service in excess of our warranty labor rates are not the responsibility of TFI. The warranty for replacement parts shall be for the unexpired term of the original warranty. TFI does not warrant against rusting when Pickled and Oil material is used in the manufacture of tanks and parts. TFI systems are compatible with a maximum 5% concentration of biodiesel fuel (B5) manufactured to ASTM D975 specifications. Concentrations above 5%, or failing to comply with ASTM D975 may invalidate Transfer Flow's warranty. TFI reserves the right to examine the claimed defect in the field or upon return of the tank or component to our facility with all shipping charges being prepaid. If the claim is determined valid, repair or replacement will be made at the manufacturer's option. This warranty will not apply when product failure is caused by conditions beyond the control of TFI such as (1) Damage from misuse or negligence; (2) Damage caused by improper installation; (3) Damage caused in shipment or improper handling; (4) Incorrectly ordered product; (5) Damage caused by contaminated fuels or fuel additives. This warranty shall be void if the product is altered in any way or the identification label affixed to the fuel tank has been removed or defaced. This warranty does not cover consequential damages, including, but not limited to: loss of use of the warranted product, loss of time, inconvenience, transportation expenses, towing, expenses for travel, lodging, telephone and gasoline, loss or damage to personal property or loss of revenue. This warranty gives you specific legal rights. You may also have other rights which vary from state to state, and in accordance with specific federal regulations. TFI does not authorize any person to create for it any other obligation or liability in connection with these fuel systems. GPI warrants their fuel transfer pumps to be free from defect in workmanship and material for a period of two years from the date of purchase. The in-line fuel filter provided with the TFI fuel system is not covered by the warranty. This is a standard maintenance item and no payment will be made with regards to this item.

**Warranty Claim Procedure** 

If you have difficulty with your fuel system, consult the dealer where the unit was originally purchased. Your dealer will then call or write the factory describing the trouble and request assistance. TFI will require model, part and serial numbers, proof of purchase, vehicle's VIN #, date of installation, and documented mileage reading. If a part is defective and must be replaced, TFI will give an RMA (Returned Merchandise Authorization) number, authorization and instructions for replacement or turther handling. If an item is shipped as a replacement for a defective part, a charge will be made for this part. Credit will be considered upon return of the defective item. All returned items must be identified with the RMA number and returned within 30 days of opening the claim.

#### **Remedies**

If TFI fails to successfully perform its obligation under this warranty, the owner has available the remedies provided by the Magnuson-Moss Warranty and Federal Trade Commission Improvement Act (P.L. 93-637; 88STAT.2183FF; 154SC2301FF) and any applicable state law.

#### **Transfer Flow Warranty Labor Rates**

Labor @ \$65.00/hr. (subject to change)

- \* Sending unit replacement in easy to access TFI Tank (in-bed, etc.)------1 hr.
- \* Any procedure requiring the removal of a TFI midship or aft axle fuel tank --- 2 hr.
- \* TRAX-II", Express-UFS" computer module/LCD replacement ------1 hr.

Transfer Flow, Inc. • 1444 Fortress St., Chico, CA 95973 • (530) 893-5209 • 1-800-442-0056 FAX (530) 893-0204 • www.transferflow.com

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TRANSFER FLOW, INC.

Bruel Tank Systems

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TRANSFER FLOW, INC. 1445 FORTRESS STREET CHICO, CA 95973





Transfer Flow fuel tank systems are available at:

#### **Address**

Transfer Flow, Inc. 1444 Fortress St. Chico, California 95973

#### **Telephone**

1-800-442-0056 or (530) 893-5209

(530) 893-0204

#### Website

www.transferflow.com

Installers Nationwide
With over 250 qualified companies that install Transfer flow fuel tank systems, chances are there's someone in your area who installs our fuel tanks! For a listing of companies that install Transfer Flow fuel tanks, call us at 1-800-442-0056, or visit our website at www.transferflow.com.