

INSTALL INSTRUCTIONS FOR 10-1006

PART#: 10-1006

Vehicle Application

- YEAR: 2001-2010
- MAKE: GM
- MODEL: 2500 & 2500 Crew Cab Short Bed,
- ENGINE: 6.6L Diesel

Required Tools

- Flathead Screwdriver
- 15mm Socket
- Ratchet
- 12" Driver Extension
- Fuel Line Disconnect Tool - 3/8" and 1/2"

Optional Tools

- Vehicle Lift
- Transmission Jack

Before You Start

- Please read the entire product guide before proceeding
- Ensure all parts are present.
- If you are missing any parts, please call or text us at (909)-675-1313
- Do not work on your vehicle while the underbody components are hot.
- Make sure the vehicle is in park or the parking brake is set if you plan on working on the ground. If working on a lift, make sure the vehicle is lifted safely and securely.

Before You Start

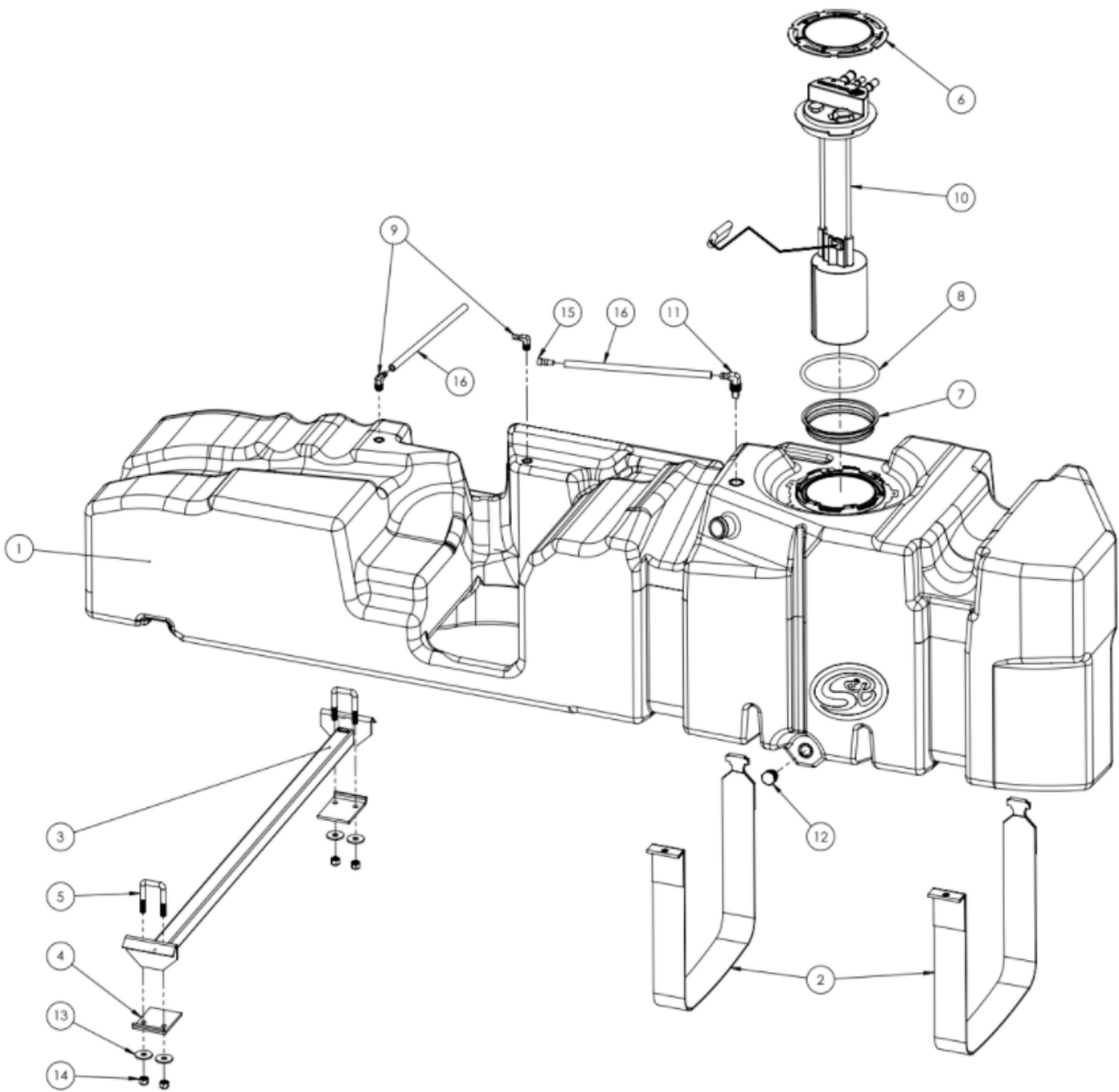
Drain your original fuel tank before beginning the S&B Installation process. S&B Tanks recommends removing only an empty or near empty tank for your safety. We recommend using a siphon or electronic transfer pump.

Disconnect and isolate both of the negative battery cables

Before installing S&B Tank, conduct pressure test to ensure o'ring is properly seated.

In-bed Auxiliary Fuel Tanks will void the Lifetime Warranty.

Nozzle at high flow fuel station may continue to "click off". Tank is designed to work at regular fuel stations.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10-1006	HIGH CAPACITY REPLACEMENT FUEL TANK	1
2	TI1026-00	FUEL TANK STRAP FOR 10-1006	2
3	TI1030-00	CROSS BAR TANK SUPPORT FOR 10-1006	1
4	TI1031-00	CROSSBAR CLIP B	2
5	TI1033-00	U-BOLT FOR CROSSBAR	2
6	TI1083-00	4L2Z-9C385-AA LOCKING RING	1
7	TI1093-00	TANK OPENING PLUG	1
8	TI1094-00	BUNA-N 50 DURO 8MM CS x 17.32" CUT LENGTH	1
9	TI1113-00	1/4 MALE NPT x 5/16 IN HOSE BRASS ADAPTOR	2
10	TI1118-00	10-1006 COMPLETED SENDING UNIT	1
11	TI1122-00	ROLL OVER VENT FITTING, 1/2" NPT	1
12	TI1125-00	.5" PIPE PLUG	1
13	TI1130-00	WASHER	4
14	TI1131-00	NYLON-INSERT LOCK NUT	4
15	TI1141-00	ROLLOVER VENT CAP	1
16	TI1149-11	11" OF 5/16" FUEL HOSE	2

INSTALLATION INSTRUCTIONS

IMPORTANT NOTE:

The suction fitting on the sending unit produced before 8/1/2021 measures at .51" rather than .50". Sandpaper can be used to take some thickness off the fitting or you can call us at 909.675.1313 and we can send you a replacement fitting.

STEP 2

Center up a transmission jack under the tank.

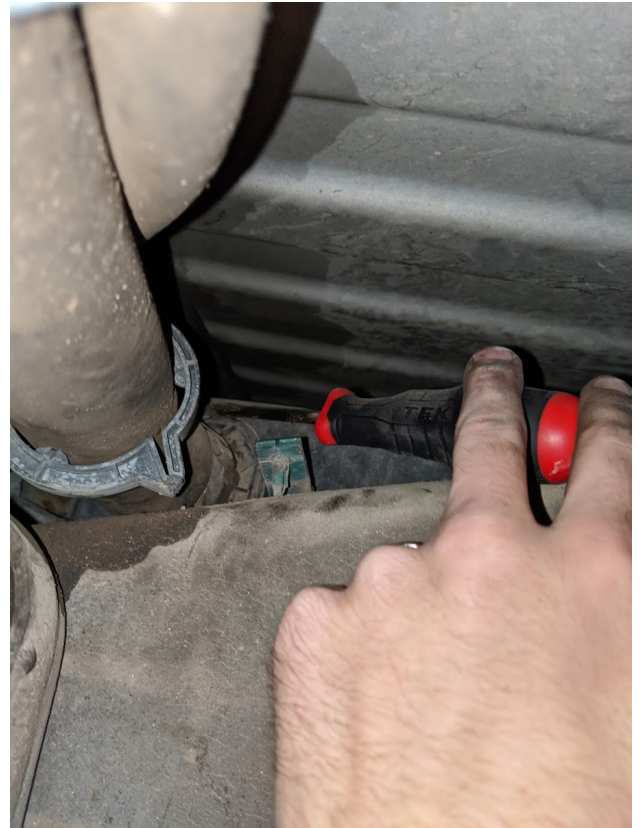
- Installation can be completed without a lift. Make sure the vehicle is safely parked with the parking brake set. If your truck is lowered or has running boards you may have to use a jack to get the S&B Tank in position.



STEP 1

Remove the filler hose from the tank or at the hose clamp connecting the hose to the metal filler neck

- Small flathead screwdriver



STEP 3

Remove the 2 fuel tank straps.

- 15mm socket and extension



STEP 4

Lower the tank 3-4 inches and remove the 2 fuel lines that are going from the fuel tank sending unit to the fuel cooler.

- GM fuel line disconnect tool
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STEP 5 FOR 10-1006 TANK

Remove the electrical connector by sliding out the grey tab and depressing the top bottom.



STEP 5 FOR 10-1023 TANK

Remove the electrical connector by releasing the tab on the side and pulling out on the connector.



STEP 6 FOR 10-1006

Remove the hose clamp securing the fuel vent hose to the sending unit barb.



STEP 7

Remove the fuel tank from the vehicle and transfer over the feed and return line onto the S&B Tank. Be sure the fuel line connectors are clean before connecting to the S&B sending unit.



STEP 7B

Place the S&B o'ring into the o'ring groove. Then when the bucket is already in the tank, install the float onto the bucket.



STEP 8

Center the hydraulic jack underneath the fuel tank and raise until you can make the connection with the electrical connector(Step 9) and then raise the tank more until you can connect the vent hose onto the sending unit(Step 10) and reconnect the 2 fuel lines onto the fuel cooler(Step 11). Step 10 is for the 10-1006 tank. Once these connections are made, the tank can be lifted all the way into the truck.

- Lift Install: Hydraulic Jack
- Floor Install: Floor jack with added support to properly hold tank



STEP 9

Reconnect the electrical connector onto the S&B sending unit. The 10-1023 tank will require the included electrical connector adaptor.



STEP 10 FOR 10-1006

Reconnect the vent hose onto the S&B sending unit. This step is only for the 10-1006 as the 10-1023 tank has the vent inside the fuel fill hose.

- Flat head screwdriver



STEP 11

Reconnect the 2 fuel lines coming from the sending unit onto the fuel cooler.



STEP 12

Route the 5/16" vent from the front part of the tank over the crossmember and onto the barbed fitting.



STEP 13

Install the 2 S&B fuel tank straps.



STEP 14

Install the S&B support bar in front of the S&B Tank. The hooks should be over the inside lip of the frame rail. Then by pressing up on the tank and pushing on the bar, slide the bar under the S&B Tank until it is in the groove on the S&B Tank.



STEP 15

To secure the S&B support bar to the frame. Slide the u-bolts over the bar and slide as close to the frame as possible. Then install the clips, washers and lock nuts onto the u-bolt. The larger of the 2 clips goes onto the driver side frame.



STEP 16

Secure the filler hose back onto the S&B Tank.

- Flathead Screwdriver



STEP 17

This is what the tank should look like when the fuel tank straps and the support bar are installed.



FINAL CHECKLIST

This final checklist is very important. #1 Make sure all bolts and nuts are safely fastened and torqued. #2 Ensure there is proper driveshaft clearance. #3 Double check fuel line connections, the electrical connection as well as the vent and fill lines. #4 Lastly, fill the tank full and check for any leaks. If you have any questions, call or text us at 909.675.1313

