

TITAN pt. no.: 01 0000 0146

Important: Please read these instructions carefully and completely before starting the installation.

TITAN Fuel Tanks™
INSTALLATION INSTRUCTIONS

Gen6



36 Gallon* (136.28 liters*), Extended Capacity Replacement Tank for General Motors, Mid-Sized, Duramax Diesel Pickup Trucks

Model 7012316 For 2016+ General Motors **Chevrolet Colorado** and **GMC Canyon** (with pickup bed only): Crew-Cab, Long-Bed (6 ft. 2 in.)

No drilling or cutting is required for this installation.

Patent Pending

Required Tools:

- 1 ea. Ratcheting socket driver
- 1 ea. 15 mm socket
- 1 ea. 12 inch long socket driver extension
- 1 ea. 1mm end wrench
- 1 ea. Large flat blade screw driver
- 1 ea. Needle nose pliers
- 1 ea. Mallet or small hammer

Recommended Optional Tools:

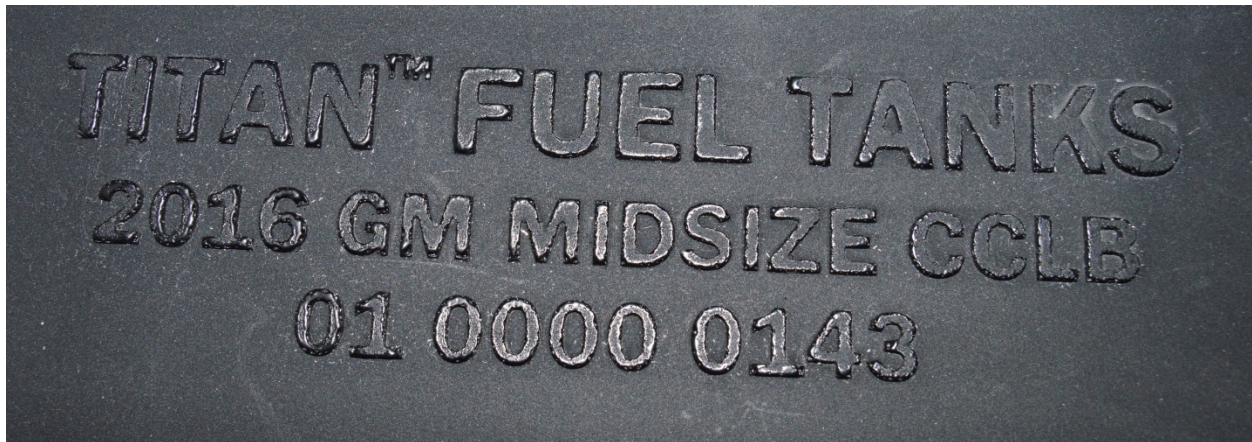
- 1 ea. Hydraulic transmission jack
- 1 ea. Impact wrench
- 1 ea. Vehicle Lift (hoist)

7012316 Parts List:

1ea. Extra heavy-duty 36 gallon* (136.28 liters*), military grade, cross-linked polymer body, (XLHDPE) fuel tank for General Motors diesel trucks:

Tank Body: Crew Cab, Long Bed 2016 --

Tank Body Identification: "2016 GM MIDSIZE CCLB
01 0000 0143"



Note: The tank body has the above identification on its top. Please check to be sure the tank is properly identified as the one to fit your vehicle.

2016+ GM Midsize - 7012316		
Description	TITAN Part Number	Quantity
2016 GM Midsize CCLB Tank Body	01 0000 0143	1
135mm ID X 6mm CS O-Ring, 70 Durometer, Orange	02 0000 0197	1
Brass Roll Over Valve Assembly	99 0102 0000	2
2016 GM Midsize CCLB Front Strap	01 0120 0000	1
3" X 6" EPDM Rubber Pad, 1/8" Thick, Adhesive Backed	01 0000 0147	1
GM Midsize Instructions	01 0000 0146	1

IMPORTANT NOTICE: Before installation, be sure to thoroughly inspect inside of the tank for ANY foreign debris!

NOTE: Take a moment and write the new TITAN™ Tank serial number in the back of this instruction booklet now.

I. Remove Original Equipment Tank

Step	Description
1	Using the best safe practices, place the vehicle on a proper hoist that leaves the entire underside of the frame unobstructed.
2	Drain all the fuel from the original equipment (OEM) tank using a pump or siphon.
3	Remove the propeller shaft (driveshaft) from the vehicle (See Fig. 1). This is necessary to allow the installer access to the sending unit connections from the center of the vehicle.

- 4 Support the OEM tank. A hydraulic transmission jack works well for this.



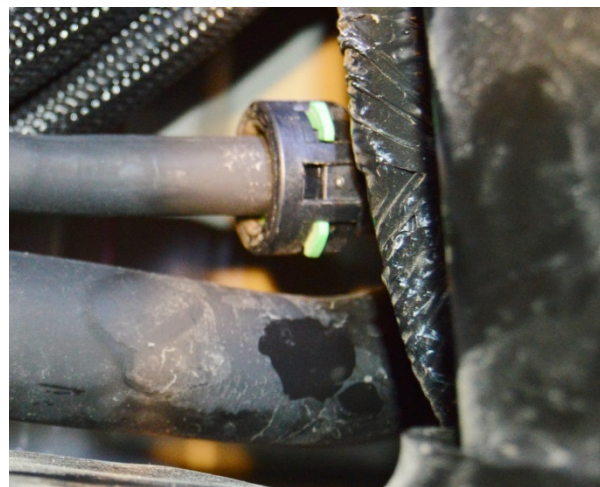
(Fig. 1) Remove the propeller shaft.



(Fig. 2) Loosen the clamps on the fill hose connected to the OEM tank's king nipple (shown here). Disconnect the fill hose from the OEM tank.



(Fig. 3) Primary vent line from the fill spout is accessible from the driver's side, underneath the vehicle. The quick connect coupling is shown with the green tabs.



(Fig. 4) Close-up of quick connect coupling on the primary vent line.

- 5 Disconnect the fill hose from the OEM tank's king nipple. This will need to be done from the inboard side of the tank (See Fig. 2).
- 6 Disconnect the electrical connection from the sending unit on the top of the tank.
- 7 Disconnect the quick connect coupling on the primary vent line. This is accessible underneath the fuel fill door on the driver's side (See Figs. 3 & 4). To disconnect, push the tabs towards the center of the vehicle, and then push the green clip away from the vent line. Then pull the line apart.
- 8 Locate both the feed and return lines at the front, top of the tank (See Figs. 5 & 6). Undo both lines by spreading the tabs, releasing the couplings, and then pulling them apart (See Fig 5).



(Fig. 5) The two fuel lines at the front of the tank are shown here. The feed line is shown with the blue clip undone. To release these couplings, spread the blue tabs, as shown, and push them away from the lines.



(Fig. 6) This is another view of the return line showing the quick connect coupling.



(Fig. 7) Remove vent and fuel lines from sending unit.



(Fig. 8) Loosen the hold-down ring on the OEM tank by turning counter-clockwise. Save the hold-down ring (Torque Ring), it will be reused on the TITAN tank.

- 9 Loosen and remove OEM tank straps by undoing the bolts on the straps. The rear strap will be reused.
- 10 Remove the OEM tank from the vehicle.

II. Prepare Vehicle and Replacement Tank

Step	Description
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- 11 Disconnect and remove the vent and fuel lines from the sending unit (See Fig. 7).
- 12 Loosen the OEM Torque Ring (hold-down ring) on the sending unit by turning it counter-clockwise, then remove it. The hold-down ring will be reused on the new TITAN tank (See Fig. 8).
- 13 Remove the sending unit from the OEM tank. Remove and discard the OEM O-Ring.



(Fig. 9) Remove the sending unit from the OEM tank. Remove the OEM O-ring, and place the sending unit into the TITAN tank as shown above.



(Fig. 10) Be sure the tab on the sending unit lines up with the "TAB LOCATION" marks on the tank body as shown above.



(Fig. 11) Reconnect vent and fuel lines as shown.



(Fig. 12) Remove the backing from the 3" x 6" EPDM Rubber Pad (pt. no. 01 0000 0147) and affix it to the underside of the cab near where the front of the TITAN tank will rest. Place as shown above.

- 14 Be sure the orange TITAN O-ring is in place in the O-ring gland on the new tank. Place the sending unit from the OEM tank into the TITAN tank as shown in Fig. 9.
- 15 Be sure the tab on the sending unit lines up with the "TAB LOCATION" marks on the TITAN tank body as shown in Fig. 10.
- 16 Place the OEM Torque Ring (hold-down ring) over the lugs and on top of the sending unit. Tighten the Torque Ring (hold-down ring) by turning it clockwise as far as it will go. Use a mallet and large flat-bladed screwdriver if necessary.
- 17 Reconnect the vent and fuel lines to the sending unit (Fig. 11).
- 18 A 3" x 6" EPDM Rubber Pad (Titan pt. no. 01 0000 0147) is included with the new tank. Remove the protective backing from the adhesive on the pad and affix it to the underside of the cab near where the front of the TITAN tank will rest (See Fig. 12). The pad is meant to silence the tank against the cab.

III. Install Replacement Tank in Vehicle

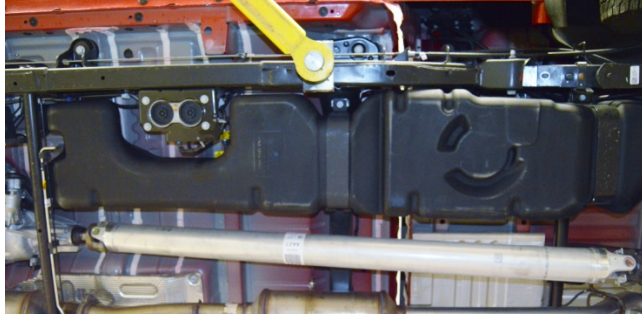
Step	Description
19	Lift the front of the TITAN tank into the vehicle, placing the front of the tank over the tubular cross member which is at the rear of the vehicle's transmission (See Fig. 13).
20	With the tank resting at this angle, reconnect the two fuel lines which were located at the front of the OEM tank (See Figs. 5 & 6).
21	Lift the tank the rest of the way into the vehicle and support it there.



(Fig. 13) Angle the front of the tank up, over the tubular cross member which is just behind the transmission. Reconnect the front fuel lines before lifting the tank the rest of the way in.



(Fig. 14) Inboard side view of the installed tank before the propeller shaft is reinstalled.



- 22 Loosely install the rear strap, using the original rear OEM strap.
- 23 Loosely install the front strap using the supplied TITAN strap.
- 24 Reconnect the factory vent line (See Figs. 3 & 4).
- 25 From the inboard side of the tank, connect the fill hose to the king nipple of the new TITAN tank (See Fig. 2).
- 26 Torque both straps to factory specifications.
- 27 Make sure ALL mounting hardware, claps, bolts, etc. are properly installed and TIGHT—to Factory Specifications where appropriate. DOUBLE CHECK IT!
- 28 IMPORTANT! Lower vehicle, fill tank completely with diesel fuel and check for leaks.**



Installation Complete!

Go to TITAN's website to view video installation instructions and tips.

* All capacities are approximate

Be sure to return the completed warranty registration for your new Titan fuel tank; or you can register on-line at www.titanfueltanks.com

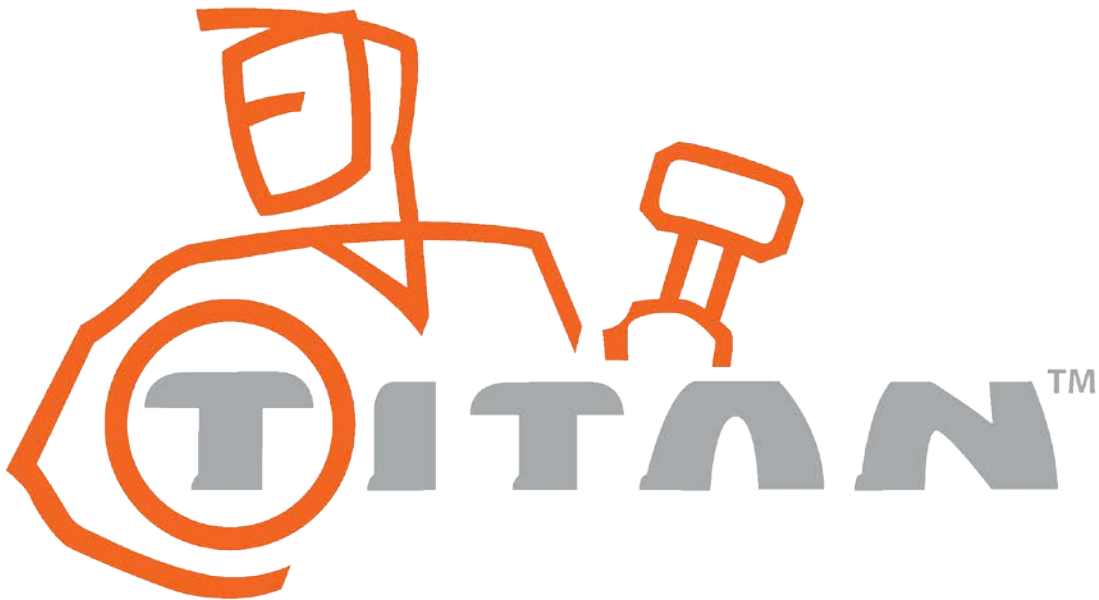
You will find your tank's serial number located on the bottom of the tank.

Write your tank's Serial Number here: _____

A tank must be registered within sixty (60) days of receipt for the warranty to be valid.

Warranty is void if product is improperly installed.

For questions or customer service call **(800) 728-4982**



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TITAN Fuel Tanks are PROUDLY MADE IN THE USA

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PATENT PENDING