

Steering, Brake & Suspension Specialists

#4856AGT-BS - Aluminum Fuel Tank Instructions for 1948-1956 21 Gallon Ford Pick Up Truck

Parts List:

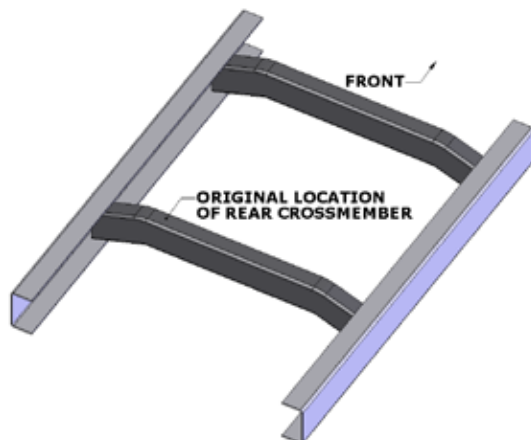
1 ea. 1948-1956 21gal. Fuel Tank	1 ea. 1/2" 90° fitting
6 ea. 3/8-16 x1gr.8 Bolt	1 ea. 3/8" 90° fitting
6 ea. 3/8 Lock Washer	5 ea. 10-32 x 1/2
6 ea. 3/8 Flat Washer	1 ea. 3/8-NPT plug
2 ea. Flange Backing Strip	
1 ea. Gas Cap	

Required Parts:

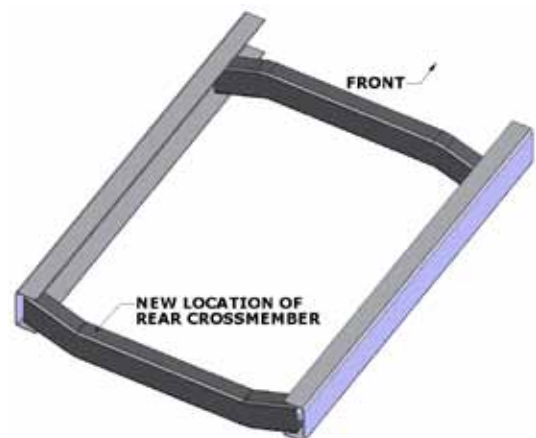
Fuel Line
Hose Clamps
1/4" Vent Hose
Fuel Level Sending Unit

Instructions:

1. Remove the bed from the truck
2. Check to see if the rear most cross member in the frame has been flipped and relocated to the end of the frame. The diagrams below shows the cross member in its original and relocated positions. If the cross member has been relocated skip step 3, for all others continue with step 3.
3. Remove the rivets that secure the rear cross member to the frame. Position the cross member at the rear of the frame and upside down. Secure the cross member to the frame by drilling new holes in the frame thru the rivet holes in the cross member. Bolt the cross member to the frame.
4. Using a floor jack against the bottom of the fuel tank, hold the fuel tank mounting flange tight against the bottom of the frame.
5. Using the flange backing strip as a template mark and drill three 3/8 inch holes thru the bottom of the frame and the tank mounting flange on each side of the fuel tank.



6. Position the flange backing strip in the channel of the frame as shown in the diagram below.
7. Bolt the fuel tank in place using the six 3/8 bolts, flat washers, and lock washers supplied with the kit.
8. Lower and remove the floor jack that was holding the fuel tank in place.
9. Thread the 1/2" 90° barbed fitting in to the bung located on the top of the fuel tank. Using a hose clamp connect a vent hose to the barbed fitting. (Make sure that the vent hose is safe for use with gasoline) The other end of the vent hose should be located 18 inches above the gas cap.
10. Be sure to read and follow the instructions that came with the sending unit. Check that the resistance of the sending unit is correct for the fuel gauge. Install the fuel tank sending unit thru the flange on top of the fuel tank. Align the top of the sending unit mounting holes with the threaded holes in the sending unit flange on the top of the fuel tank taking making certain that the float can not contact the sides of the fuel tank or the inner baffles. For sending units equipped with a fuel hose fitting skip step 12. For sending units without a fuel hose fitting skip step 11.
11. Using a hose clamp connect the fuel hose to the fitting located on the top of the fuel tank sending unit. The other end of this hose will need to go to a fuel pump. (It is recommended that a fuel filter is used between the fuel tank and fuel pump.) Seal the threaded bung on the bottom of the fuel tank with a 3/8 NPT plug.
12. Install the 3/8" 90° barbed fitting into the threaded bung at the bottom of the fuel tank. Use a hose clamp and connect the fuel hose to the barbed fitting. The other end of this hose will need to go to a fuel pump. (It is recommended that a fuel filter is used between the fuel tank and fuel pump.)

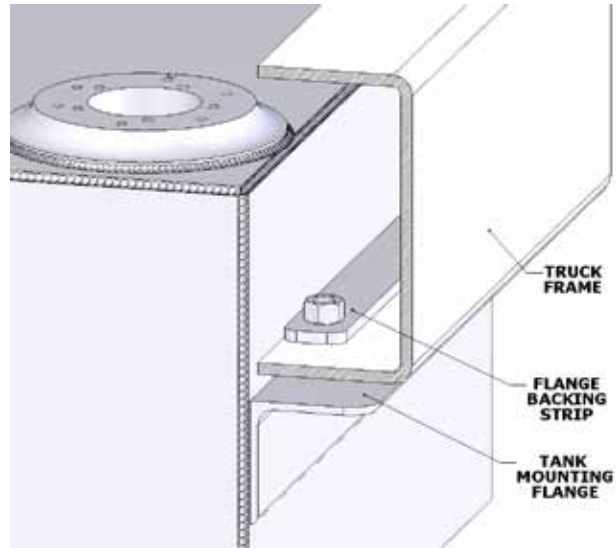


Classic Performance Products, Inc. 714.522.2000 | fax 714.522.2500
378 E. Orangethorpe Ave. | Placentia, CA 92870 | www.classicperform.com

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13. A second 3/8" threaded bung is provided for fuel injected applications that require a fuel return line, plumb as necessary. If a fuel return line is not needed install the 3/8" plug in to this threaded bung. (Do not use the fuel tank until both the 3/8" bungs are plumbed!)
14. Install the bed onto the truck
15. Cut an access hole thru the bed above the gas cap.



For technical help call Classic Performance Products Monday thru Friday 8:30am to 5:00pm at (714) 522-2000.