



2010 43QGP Allegro Bus

1/1/2013

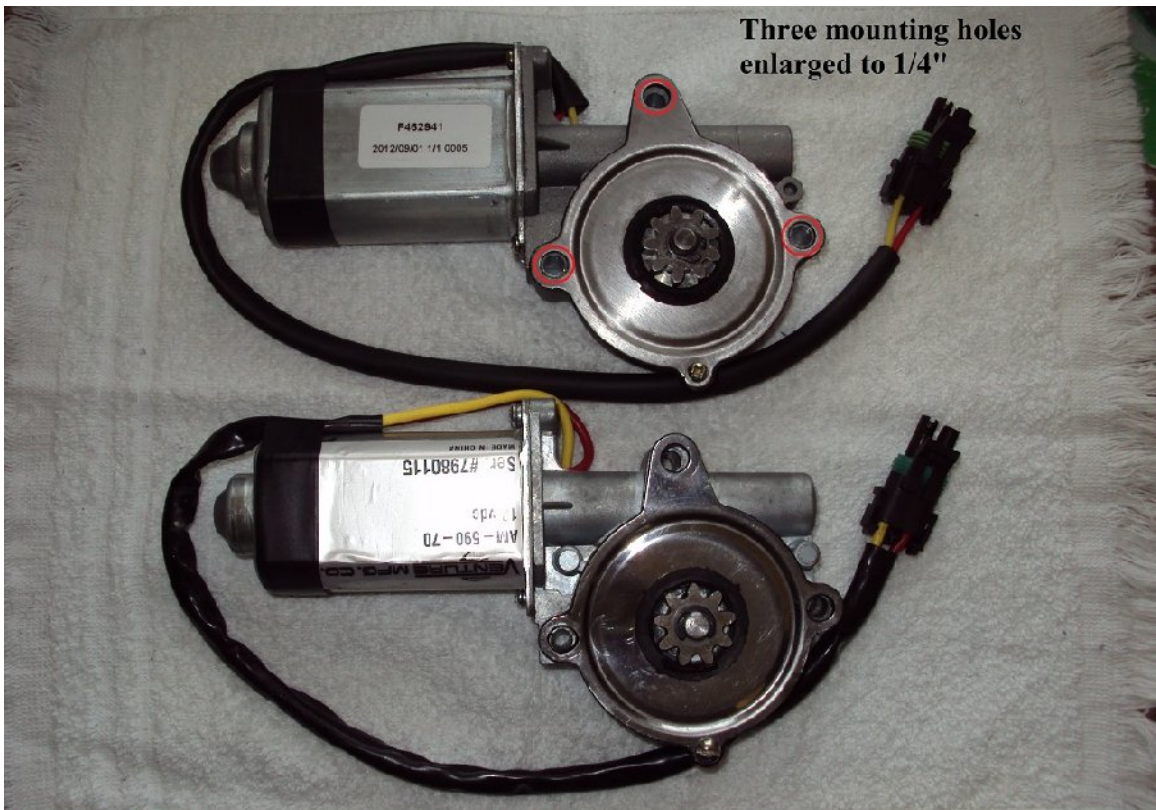
73 – FYI – “COACH STEP” REPLACEMENT MOTOR v1. What can be said about the cost of the Stromberg/Lippert step motor except, ridicules? Depending on where you purchase the motor its cost will vary from \$ 150.00 to well over \$ 200.00 for what is actually a standard window lift motor with a weather proof two pin plug.

After deciding this issue needed to be pursued in hopes of finding a replacement motor for a more reasonable price the search began. After looking at over 800 window motors on the Auto Parts Warehouse web-site a motor was chosen. The closest matching window motor was ordered it is a replacement electric window motor for a 1992 Ford Bronco as well as many other ford models, item number F462941. The window motor is an ALMOST identical match for the Stromberg motor part number SP-163669, except for the two pin weather proof wiring harness and the diameter of the three mounting holes in the motor’s housing.





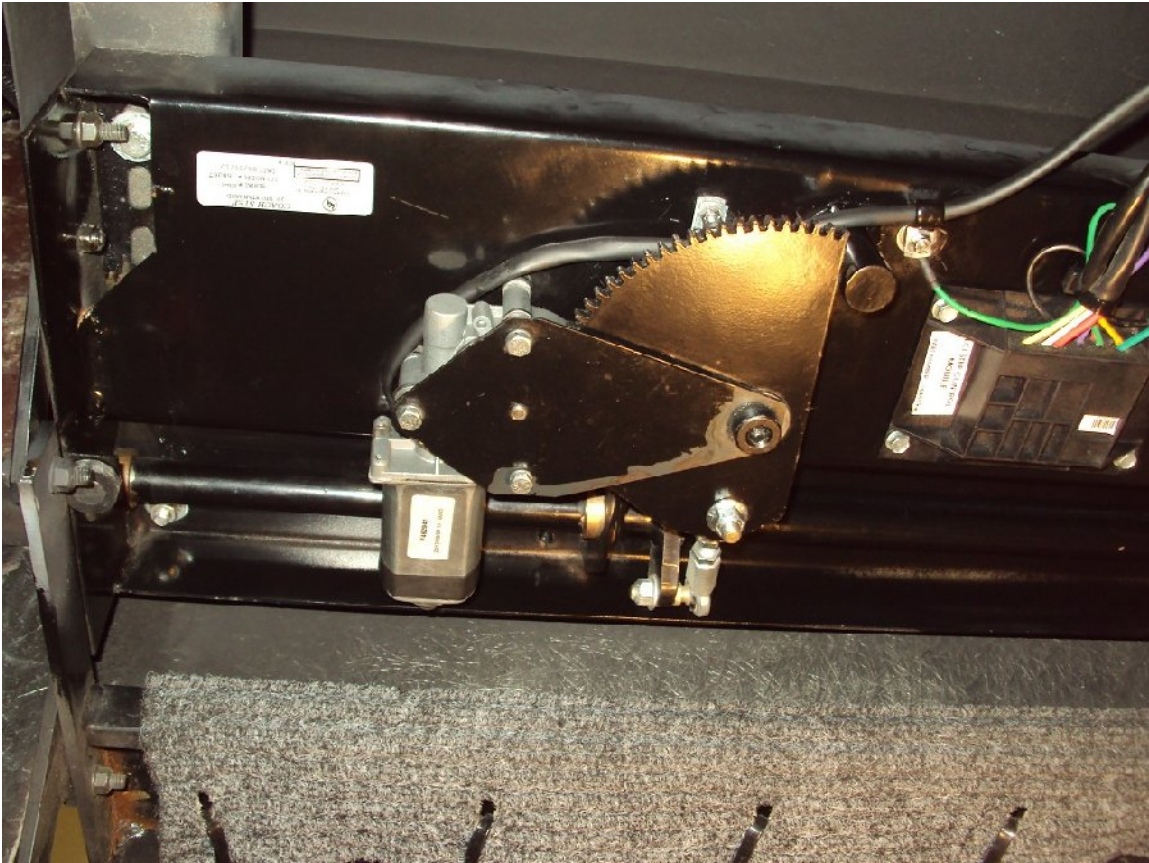
**Delphi Two Pin
Weather Proof
Connector Installed**



**Three mounting holes
enlarged to 1/4"**

The window motor when used inside a door does not need a weather proof two pin connector necessary when using this motor under the chassis of a motorhome.

To make this motor a complete replacement step motor the two wire connector on the OEM window motor wiring harness was replaced with one half of a Delphi Packard Weather-Pack 2 Pin terminal kit, purchased at http://www.amazon.com/Delphi-Packard-Weatherpack-Terminal-16-14/dp/B004DVM7RG/ref=sr_1_3?s=automotive&ie=UTF8&qid=1357257295&sr=1-3 The cost for each Delphi Packard 2 pin male and female kit was \$ 2.85 added to that cost was the expense of a special tool at \$ 2.50 plus shipping. The tool allows the pins to be removed from the connector's housing after the pins have been inserted. Total cost was \$ 4.74 for one connector and tool.



This part F462941 window motor was purchased from auto parts warehouse for \$ 39.88 with free shipping. <https://www.autopartswarehouse.com>. This total cost for the window motor and weather proof connector is \$49.97. This cost is approximately 25% of the equivalent OEM step motor sold on E-bay.

Revision 1

After a recent post on the TRVN forum the following information was brought to the TRVN member's attention by Tom Rich, username Ricci. Rather than go thru the modification to make the 1992 Ford Bronco window motor match the OEM Lippert motor, Tom found an exact replacement window motor that does not require the three mounting hose to be enlarged to 1/4".

Tom states you can purchase the ACI 83694 window motor used in the 1992 Ford Taurus on the DS front window or PS rear window and the only modification needed is to replace the two pin connector with the water tight connector used by Lippert. The wiring modification to a water tight connector is the same wiring change I did on the modification of the 1992 Ford Bronco window motor.

However as the 1992 Ford Taurus window motor is available at most auto parts stores including AutoZone and Discount Auto Parts stores finding a window motor to install without the need to wait until the part has been shipped is a good bonus.

Tom reported the window motor he purchased was priced \$ 45.99.