

Replacing The Back Panel On An ELF

ELF model shown is a 2FR built in July 2015 Serial number 461



Tools Required:

Drill

3/16" Drill Bit

1/4" Drill Bit

10 mm Wrench

Jig Saw With Fine Tooth Blade

Supplies Required:

3/16" x 1/8" Aluminum Pop Rivets or M4 Stainless Steel Bolts with flat washers, lock washers and nuts

3/16" Washers

New Back Panel - HDPE Black 0.1" x 24" x 36" Plastic Sheet or equivalent



Step 1:

Drill out existing pop rivets using ¼" drill bit. Do not drill completely through pop rivet. Just enough so the top cap comes off.



Step 2:

Remove the two twist knobs and hardware to secure the back window using the 10 mm wrench.
Remove existing back panel.



Step 3:

Using the existing back panel as a template, copy the shape onto the new back panel.



Using the Jig Saw with a fine tooth blade, cut out the new back panel.

Step 4:

Install new back panel.

Using clamps to hold the new back panel to the top horizontal bar, make sure that the new back panel is aligned properly at the top, bottom and both sides. Drill new holes through the new back panel and top horizontal bar. Insert new pop rivets and secure back panel. Work yourself from the top to the bottom by drilling a hole through the back panel and the body plastic and then securing it with the pop rivet. Place a washer on the back side of the rivet where it comes through the plastic to help spread the holding force over a larger area. You may not be able to add the washer if the new back panel is too thick.

