

2017 LTV UNITY MODIFICATION: CHAISE LOUNGE EXTENSION

Project: Add folding extension to left Leisure Lounge pull-out foot stool.

Cost: \$50 Time: 4 hours

Materials:

LTV: 48" x 13" piece of Espresso Brown cabinet panel

Amazon: Stainless Steel 304 Continuous Hinge with Holes, Unfinished, 0.06" Leaf Thickness, 2" Open Width, 1/8" Pin Diameter, 1/2" Knuckle Length, 2.5' Long.

Yephets Lock Extension Table Bed Leg Feet Steel Folding Foldable Support Bracket Screw B (4 Pcs, Gun Black).

Forney 49274 16 Gauge Aluminum Sheet Metal, 18" x 12".

Lowes: Spray paint, magnetic latches and rubber feet.

Local: 12" wood legs from local wood dealer.

Construction:

1. Cut the wood panel to size: 13" x 22".
 - Note 1: Do it correctly the first time, and you will not have to laminate it as I did!
 - Note 2: The footstools on our 2017 FX are approximately 24" wide. Check the width of your footstools, and make the wood panel 1" narrower on each side.
2. Smooth the edges of the wood panel with a router, and stain the edges to match the wood panel face.
3. Paint or stain the wood legs to match the wood panel face.
4. Cut the wood panel hinge to length (22" or width of wood panel) and attach to the wood panel and the foot stool. Remove the wood panel and its hinge assembly from the footstool.
5. Attach the aluminum sheet to the foot stool side of the wood panel.
 - Note 1: Because the wood panel is so thin, the purpose of the aluminum panel is to provide a solid attachment for the leg hinges. Fasten with very short screws.

6. Reattach the wood panel to the foot stool, and mark locations for the leg hinges.
 - Note 1: The hinges must be offset to allow legs to bypass each other when folded.
7. Remove the wood panel and its hinge assembly from the foot stool. Attach the leg hinges to the aluminum sheet in the marked locations with short pan head bolts and nuts. Locate the aluminum panel on the wood panel, note the locations of the leg hinge bolt heads, and use a countersink bit to remove sufficient material at those locations to allow the aluminum panel to lie flat on the wood panel. Reattach the aluminum sheet to the wood panel.
8. Attach the wood legs to the leg hinges, and attach rubber feet to the bottom of each leg.
9. Reattach the wood panel and its hinge assembly to the foot stool.
10. Install magnetic catches on the stool and aluminum sheet / wood panel.

Operation:

Use either the LTV chaise lounge cushion turned lengthwise, or the LTV middle cushion to extend the chaise by 12" to 18".

If you have any questions, text, call or email Mark @

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