

1. - Tools needed: Small flat bladed screwdriver, razor blade, sand paper, leather or automotive trim adhesive.
2. - Remove upper portion of cup holders to gain more clearance. Grasp the upper part of vinyl boot just below the shifter knob. With one hand holding the vinyl cover and the other hand holding the knob, turn the knob counter-clockwise to remove the knob from shifter linkage. While turning, hold the vinyl cover so that it doesn't turn with the knob, otherwise, it will twist and bind. Fig. 1.



Twist while holding vinyl cover at base of knob

Fig. 1

3. - Pry the base of shift boot with small flat bladed screwdriver. There is a tab in the center of each edge around the perimeter of the boot base. Wedge the flat blade under the boot base in the center and push in towards shaft and pry up as you push in. This will push the tab past the opening which is a similar shape to the boot base. Fig. 2.

Transfer Case Shifter boot for 2003-2004 Land Rover Discovery.



Pry underside at the center of each flat edge until base pops free of console.

Fig. 2

4. - Pull shifter boot off of shift linkage and place on a clean work surface.
5. - Remove vinyl cover from plastic base by using a razor blade to gently peel glued vinyl from plastic. Discard vinyl cover.
6. - Remove any remaining glue on plastic with razor blade. Once bulk of glue is removed, use 80 to 150 grit sand paper to smooth surfaces and remove any residual glue. Wipe off any plastic "dust" and wash plastic base with soap and water. Allow to fully dry. Fig. 3.



Fig. 3

7.- (Fig. 4) With new leather cover, apply small amounts of glue to rough side of skin and bond to underside of plastic base (underside has tabs, where top side is smooth with 4 holes) indexing the stitching according to FRONT marked on plastic base. **Be sure to line up stitch lines with middle of base edge to have a centered look.** Hold for at least two minutes and allow full dry time (approx. 30 min.). Once dried, repeat step directly across from the first side glued. It may be necessary to stretch and manipulate the new leather to fit over plastic base. When glue is still setting, work the leather with your thumb, kneading it into place making sure no ends of the leather are exposed on the top side of the boot. Fig. 5.

Note: To prevent opposite side from pulling loose once glued, allow adhesive to fully dry. The new leather will be a tight fit. It will take some manipulation, but it will fit over the plastic. Do Not cut larger notches that what is provided. Doing so may prevent the leather from fully wrapping around the plastic base.

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Fig. 4



Fig. 5

8. - When all sides are glued to plastic base, pull narrow opening of leather inside-out. Put knob in through the smooth side of the leather until it cannot go any further, as if you were trying to pass through the narrow opening. When it cannot go past the opening, attach the original O-ring around the leather and base of knob to secure boot to knob. Then pull the knob and leather cover right-side out (Fig. 6 & 7).



Fig. 6

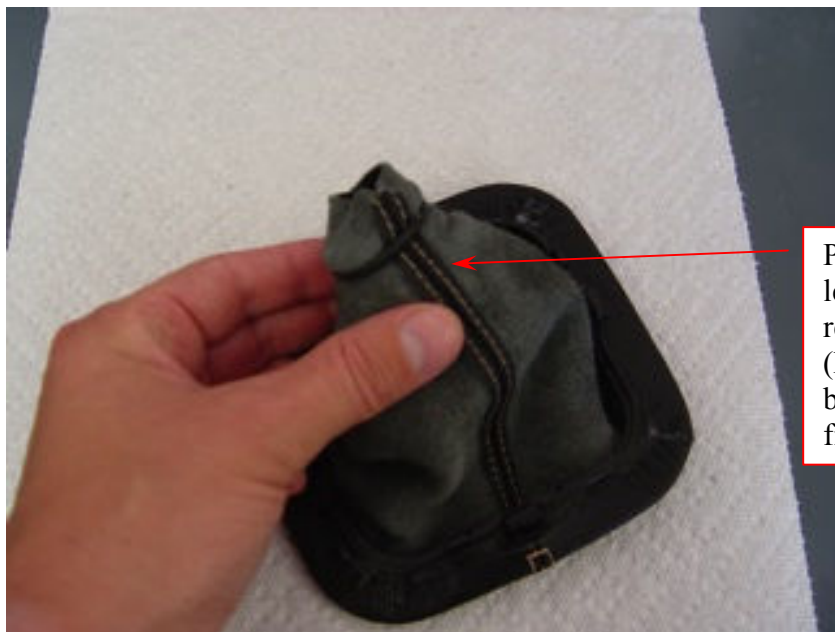


Fig. 7

9. - (Fig. 8) Place assembled boot and knob over the shifter linkage in the truck and screw knob onto shifter allowing the base of the boot to spin freely until knob is fixed tightly (it may be necessary to help the base of the boot spin around to avoid the leather from twisting unnaturally).



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Fig. 8

10. - Snap tabs of the base into opening by pressing on outer edges until the boot seats snug to center console. To align stitching, shift transfer case lever into neutral and orient the knob and stitching to desire, then shift back into High. Replace upper cup holders. Finished.



2. - Items needed: Small flat blade screwdriver, flat razor blade or X-acto knife, leather or plastic trim adhesive.
3. - Start by using a flat blade or blunt dinner knife to pry up window button trim plate. This plate is held in with straight push pins that slide in without clicking - little effort is required to pull off.

4. - Where boot is attached to console, push on the top with a downward motion which forces the wire frame of the boot to compress, and then pull the base of boot away from the window switches.



Fig.1

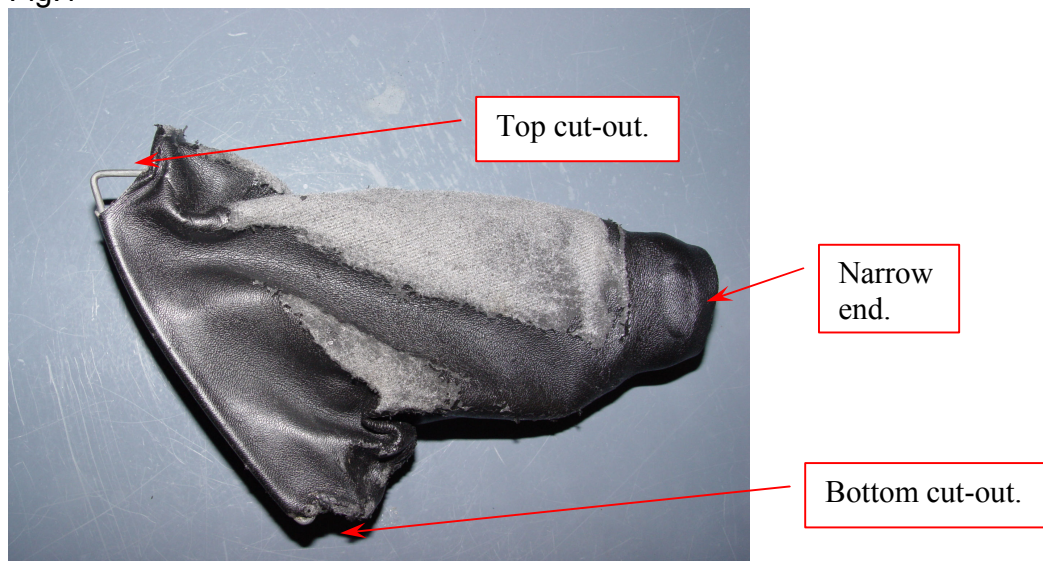


Fig. 2

4. - Peel boot inside out to the point where an o-ring (Fig. 1) is exposed. Remove o-ring by prying off with screwdriver and rolling back toward the window switches (careful not to stretch o-ring too much, it will be re-used).

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5. - Once o-ring is removed the boot can be peeled over the e-brake handle and removed from vehicle. Place boot on work surface to remove vinyl cover from wire



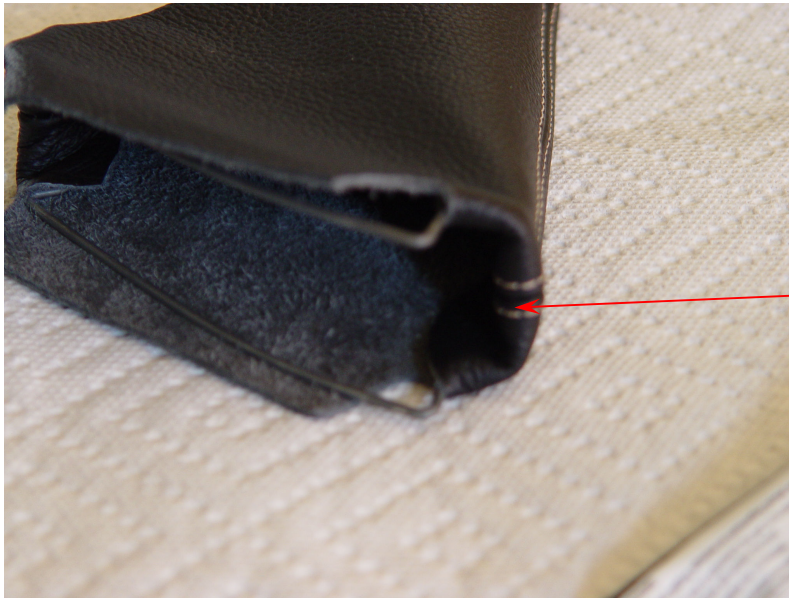
frame.  
Fig. 3

6. - Cover ends are wrapped around wire frame and glued. Use a razor blade to remove vinyl cover. Discard old cover and retain wire frame (Fig. 3).



Fig. 4





Place glue on rough side of leather, wrap around frame, and hold.

Fig. 5

7. - Fit new cover to wire frame using Fig. 4 as reference to frame orientation. Wrap top of leather around frame (Fig. 5) and glue, holding for a couple of minutes to allow glue to hold. (Note: because it may be necessary to stretch and manipulate the leather around the frame, some time must be allowed between gluing to prevent opposite side from pulling up or weakening). Allowing the glue to cure for 24 hours ensures a strong bond.

8. - Refer to Fig. 2. Finished leather should expose the top and bottom tips of wire frame.

9.- Once cover is secured to wire frame, turn leather inside out (Fig. 1) and work the narrow opening over e-brake handle where the inside out leather just covers the o-ring recess in handle. Slide o-ring over the leather and seat o-ring to recess.

10. - Work leather over the handle to position boot right-side-out. Wire frame has two 90 degree "cut-outs", one on top, and one on bottom (Fig.2). Position bottom cut-out to cradle bottom of console. Next, snap in top cut-out to upper portion of console, seating boot to original position of window switch plate. (Fig. 6).

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Fig. 6

11. - Affix window switch trim plate by aligning pins on backside of plate and gently pushing into place until seated against console. Finished.

### **Removal and reinstallation instructions for center armrest 1999 to 2003 Land Rover Discovery II**

It's a very simple operation to remove and re-install the Land Rover Discovery II center armrest to allow recovering with new materials. These instructions should also suffice for the Discovery I.



Figure 1 – original center armrest

RedlineGoods transfer case and ebrake boot - 03-04 LR Discovery 2

- 1) Open center armrest and locate the four (4) Phillips head screws attaching hinge to base of storage console. Remove screws and save/set aside for re-installation. Make sure to remove the screws shown, keeping the hinge attached to the armrest to allow securing the new covering to the armrest (reference figure 2).



**Figure 2 – removal of hinge screws**

Transfer Case Shifter boot for 2003-2004 Land Rover Discovery.

- 2) Center armrest is now removed (reference figure 3). Package and send for re-covering in your choice of material.



**Figure 3 – armrest removed**

- 3) Reinstallation is the reverse of the removal procedure. Simply re-attach the armrest using the original screws (reference figure 4).



**Figure 4 – armrest ready for re-installation**



RedlineGoods transfer case and ebrake boot - 03-04 LR Discovery 2



Figure 5 – completed installation with new covering