

## Redline Leather Goods Door Card and Armrest How to Sheet

### What you will need

- Large amount of either clothes pins or binder clips
- A Philips Head Screwdriver
- Vehicle Trim Pry Tools or something similar
- Small flat head screwdriver
- Needle-nose Pliers
- Adhesive Remover
- Fabric glue and/or Spray glue
  - **Tip: Depending on the material ordered the glue may change. I had real Alcantara so I needed a fabric glue, leather and other materials may require a different glue.**



### Step 1 Remove the door cards.

The door cards are easy to remove, just need time and patience.

**(Tip: the plastic tabs in the door sometimes do not want to come out with the panel, so you will need to get them out before you put the door panel back in, a pair of needle-nose pliers around the second ring and pulling them should get them out without breaking them.)**

1. Remove the plastic piece behind the door handle and remove the door grab handle cover (the silver part). This will reveal 3 screws as seen in the 3 pictures below:





1. Remove these screws and from here using the pry tools insert between the card and the metal door in-between the weather stripping and pull the panel towards you. Once all the clips are loose pull up on the door panel and guide the door handle out the back and undo the plugs for the window switch module and in the case of the driver side, the mirror adjustment module. Once removed it should look like this:



### Removing the Door Panel Card

The panel is attached to the card with a combination of screws and some melted plastic tabs, the door panel flipped over looks like so:



1. Remove all the Philips screws seen around the center part where the original vinyl covering is. Including the ones seen in the center. These are for the armrest and will be removed as part of the install.
2. Once the screws are removed from the armrest use a small screwdriver to GENTLY pry the plastic tabs of the arm rest out as shown:



The arm rest should pop off with little to no hassle. Remove and set to the side.

3. There is 1 hidden screw on the backside of the panel that is hidden under some velvety type of tape, this screw is hidden towards the top of the door grab handle top screw hole. Remove the tape and the screw is underneath.



4. **Removing the door grab handle involves just pushing in the plastic tabs on the backside of the door pull handle on the top side. Once those are pushed in the handle puller should come off.**
5. **There is going to be a styrofoam block that has two melted plastic tabs in it as seen below:**



**Gently lift on that part, the plastic tabs should just slide out and take little to no foam with it as in my case, but if there is an issue where the plastic tabs break, super glue can be used to re-attach.**

**In addition, as seen in the top right of the above photo there is another melted plastic tab that is needed to be broken off to remove the card. This part can sometimes just come out or will be broken off and just super glued back into place.**



6. Next, once those tabs are broken or removed, the final disassembly part is the electronic switches for windows, doors, and/or mirror controls, there is 1 side of plastic tables that must be **CAREFULLY** pushed in as seen in the picture below:



Once those are pushed in, the door card should fully come apart and look like so:



### Removing the Vinyl Part

1. The vinyl part is generally easy to remove, start in a corner and slowly start to peel off the vinyl covering. If you go slow you can take both the cover and the backing adhesive along with it. Keep going until the vinyl is completely removed.



**(Tip: As can be seen in the photos, FCA/Mazda put a large amount of adhesive towards the front of the panel, so if you can try to find an adhesive remover to remove a large amount of this extra adhesive. Once that is done clean and dry the area because the adhesive remover will cause an issue when gluing on the door card.)**

2. The door cards sent to you will not have the area for the armrest cut out as seen in the original, so on a flat table or surface, try to place the original over the new door card and use the marking pencil or tool of choice to trace out the outline of the hole.



**Cut the traced holes out.**



3. Because the material has a foam pad attached to the back, I used Elmer's spray adhesive to attach the card to much of the panel.

**(Tip: I recommend going outside on a tarp because spray adhesive has a habit of getting everywhere)**

**Attaching the Door cards**



1. Roughly place the new cover over the door card and position the new cover, accordingly, make sure it is in the desired position before gluing.
2. Once determined, spray the adhesive evenly on the FOAM BACK ONLY part of the new door card and on the plastic part. Place and press down making sure everything is pressed down and contacting. Should look like this.



**(Tip: takes about 20-30 min to dry)**

3. Once the panel is dry the edges need to be glued on, this is done by spraying the fabric glue on the sides and pulling it taught. Glue down the sides and then by using the binder clips and/or the clothes pins, fold over the sides as in the following images:





With the glue that I chose this process took around 4 to 6 hours for glue drying.

**(Tip: I was unable to get all the corners folded over at one time so additional gluing after this step may occur).**

#### Covering the Armrest

1. Once the armrest is removed you are going to remove the vinyl cover of the armrest. The cover should easily be peeled off. Note as seen in the image below there is one staple holding it in place and this must be removed.



2. Once the cover is removed you will have the plastic armrest frame and the felt pad that goes on top. **DO NOT THROW AWAY OR DISCARD THE FOAM PAD YOU WILL NEED IT.**



3. You will need to glue the foam pad back onto the plastic frame. This can be done with either the fabric glue or the spray glue, wait for this to dry.

**(Tip: Using the fabric glue is better, but will need to dry for 45 min to 1 hour)**



4. Once the pad is glued back on, put the fabric adhesive over the entire frame and place the cover in the frame having the stitching lined along the edge of the frame. Pull tight and start using the binder clips or clothes pins to secure while keeping it tight.

**(Tip: the cover is going to be bigger than the armrest frame, and there will be prongs where the armrest fits into the door card. What I had done is pulled it tight and with a pair of scissors, cut lines along each side of the prongs so that I could pull it tight. After the glue was dried and I could remove the clothespins, I then cut the excess over the prongs enough so that they could still be covered on the edge, and then glued the excess.)**







**(Tip: this will take 4 to 6 hours to dry)**

5. Once this is dry there may be some additional touch up gluing on the corners.

#### **Putting Things Back Together**

1. Follow the order from the removal in reverse order to put the door card back together.
2. Re screw in the door and reattach cables for the controls.
3. Final product view (pardon the dirty seats)



