

Fast Fix: Replacing Fuse Box
Team Tag: [REDACTED]
Camera: iPhone 12
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Hello iFixit:

For my Fast Fix Project, I propose to document the process of replacing a fuse box in a 2010 Cadillac DTS 4.6 L V8 (this guide will be applicable for models between 2000-2011). This specific model has an issue with the fuel pump relay where the relay would melt into the fuse box. If this is the case, replacing the fuse box is necessary for the car to be operational again.

Title

The proposed title for my guide is: How to Replace 2000-2011 Cadillac DTS 4.6 L V8 Fuse Box.

Procedure

Replacing the fuse is a relatively simple process that most people can accomplish at home. My guide will follow the outline below:

1. Remove the back car seat.
2. Remove one cable from the battery.
3. Unplug cables that are connected to the fuse box.
4. Remove the 3 screws attached to the box with a wrench.
5. Remove fuse box.
6. Move fuses from old box to new box.
7. To reassemble, follow instructions from step 5 in reverse order.

I expect the final guide to consist of roughly 6-7 steps.

Tools

I will use my iPhone 12 to take quality photos for the procedure. For the installation, I will only need a 10 mm torque wrench.

Why This Guide is Needed

I believe this guide is necessary because the fuse box is a vital piece required for the car to start. As stated earlier, this model has an issue with fuel pump relay. Although replacing the relay is an option, the relay often melts into the fuse box, ruining the box altogether. If this process is not done correctly, it will cost thousands of dollars to repair.

Existing Repair Information

I've found a few videos that cover the topic of the burnt fuel pump relay; however, no videos were found involving replacing the fuse box. I intend to create a guide that is easy to follow with pictures of each step. By documenting each step, viewers can execute the steps with confidence to fix their car.

Alternative Topics

If my fuse box guide is not an option, I would like to work on one of the following guides:

- How to lube a Rubik's Cube:
 - Lubing a Rubik's Cube is a common method to have faster times for competition. However, this process does not come documented.
- How to fix a stem in a 7x7 Rubik's Cube:
 - As the cubes become bigger in size, so does the chance that the cube might break. I will cover how to fix a centerpiece cube.

Repair Experience Inventory

I do basic car maintenance, such as checking oil levels, water fluids, coolant, and tire pressure. This issue came about when I just recently traded my car for a 2010 model of the DTS. I tried to look online for instructions to replace the fuse box; however, none were found as described in Existing Repair Information. I had to do trial-and-error until I was able to replace the box for my car to run again. I do not want anyone to go through the trial-and-error process like I did, but instead change the box with confidence.

Thank you for considering my proposal. I am looking forward to contributing to your mission, and I believe I can provide a quality guide that meets your mission and expectations on iFixit. Please let me know if I can proceed, or if I need to make any changes to my proposal.

Sincerely,
Cuong Tran