

Fix 1997 Honda Odyssey Door Solenoid Actuator

July 9, 2007

When the power door lock has been using for a long time, the rubber stopper broke off, causes the actuator to make noise when it's in lock action. You can replace the solenoid actuator for ~\$150 or fix it for nothing. Here is how I fixed it.

1. Remove the door panel:

- a. Door Latch: remove 1 screw. Slide the whole latch unit to the right to unlock and remove.



- b. Remove 1 door panel screw.



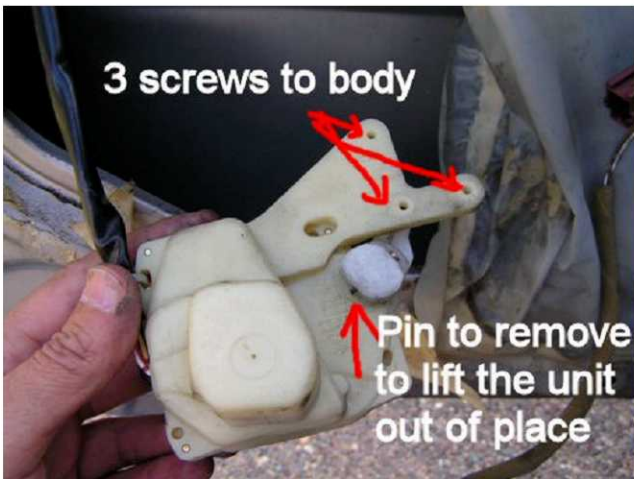
- c. Pry the panel out carefully using a pry tool all around the panel. Unplug all related switches to remove the panel safely and carefully.



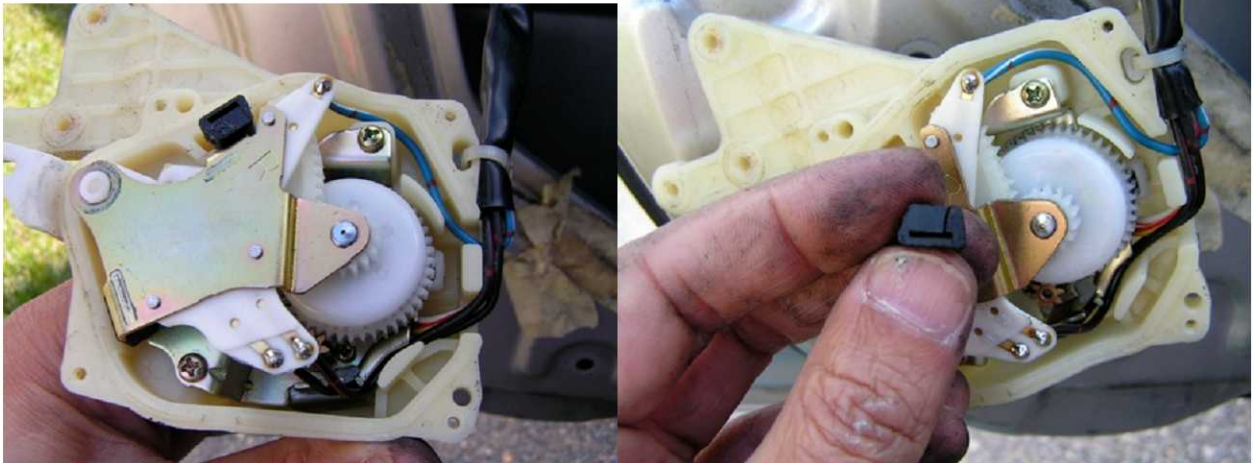
2. Locate and remove the solenoid actuator.
There are 3 screws secured the solenoid in place. Unscrew them and pull the solenoid out.



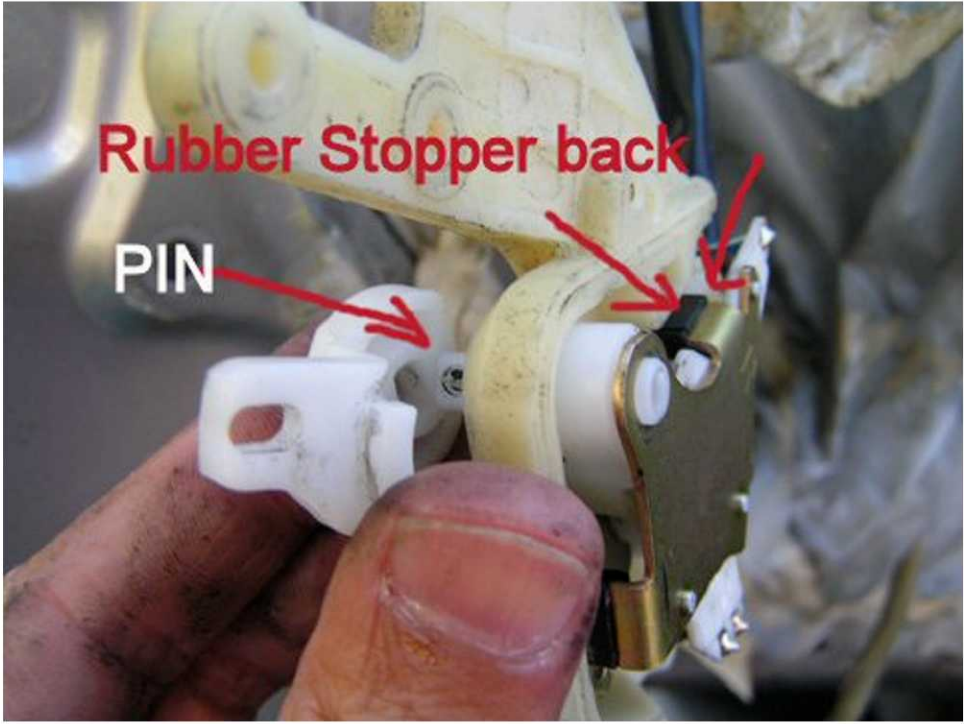
3. Open the solenoid.

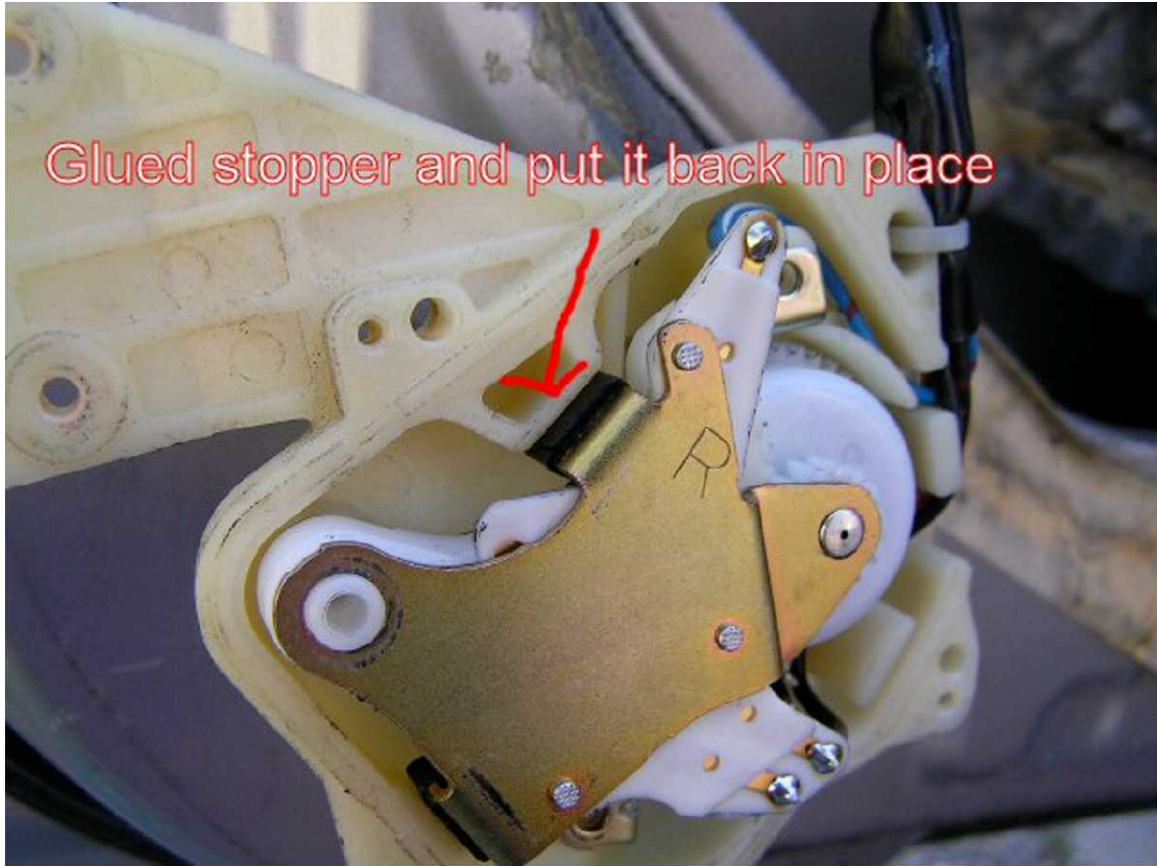


Remove 4 screws to open the solenoid. You can see the rubber is broken and moved out of its place.



I use silicon glue (the one that comes with the tire fixing kit) to glue it back together to make sure it doesn't fall out of its place again. To put it back into the latch, I need to lift the whole unit out to have enough clearance to slide the rubber stopper in. In order to do this, I had to remove the pin and the white actuator latch.





Plug the switch in and switch it on and off many times to make sure the rubber is cured and still intact. The best is to use glue with accelerator so it can be dried quickly. Silicon is flexible and it should last a long time. The best is to use the one that comes with the rubber tire kit.

- **Put back the latch and the pin.**
- **Put back the cover (4 screws).**
- **Switch the whole unit on and off a few times to make sure everything still works.**
- **Put the whole unit back into the door, slide it so that the white latch is in place and the 3 screws are visible. If you can put the screws back in, everything should work. Before tighten all the 3 screws, switch the unit on and off to make sure the door lock moves up and down (the white latch is in correctly).**
- **Put back the panel with all the electrical switch plugs.**
- **Put back the door latch and make sure to slide it to the left to secure it in place. Put back the screw.**
- **Snap all the panel lock pins and put back the panel screw.**

If you glue, you save \$150.00, if you buy it, you save the labor, either way, you would know how to remove and replace solenoid the next time other doors are making noise.

By the way, this is how I did mine, you can use this write up as a reference and do everything at your own risk.

**Cheers and enjoy,
L2**