

# How to Clean or Replace Your Antenna Mast



**Step 1.** Unscrew the top using a golf spike wrench or two screwdrivers and a pliers.



**Step 2.** Remove top by pulling up.



**Step 3.** Peel back carpet and remove left taillight bulb access panel.

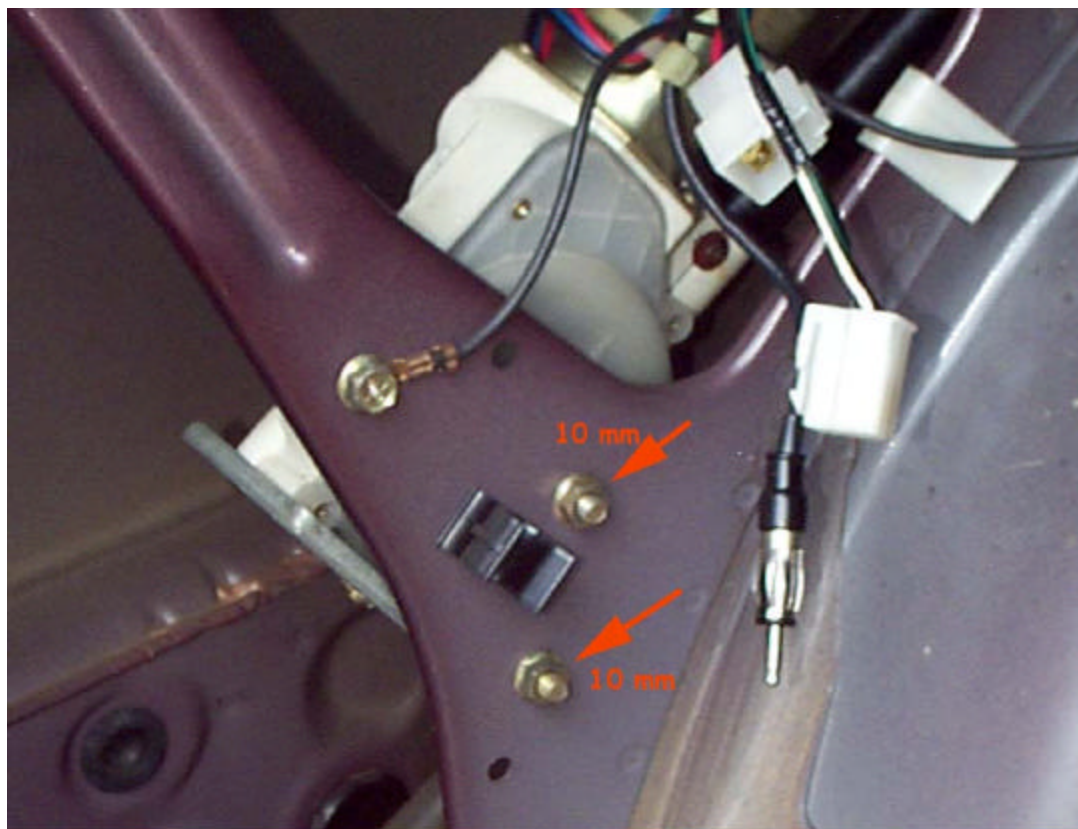




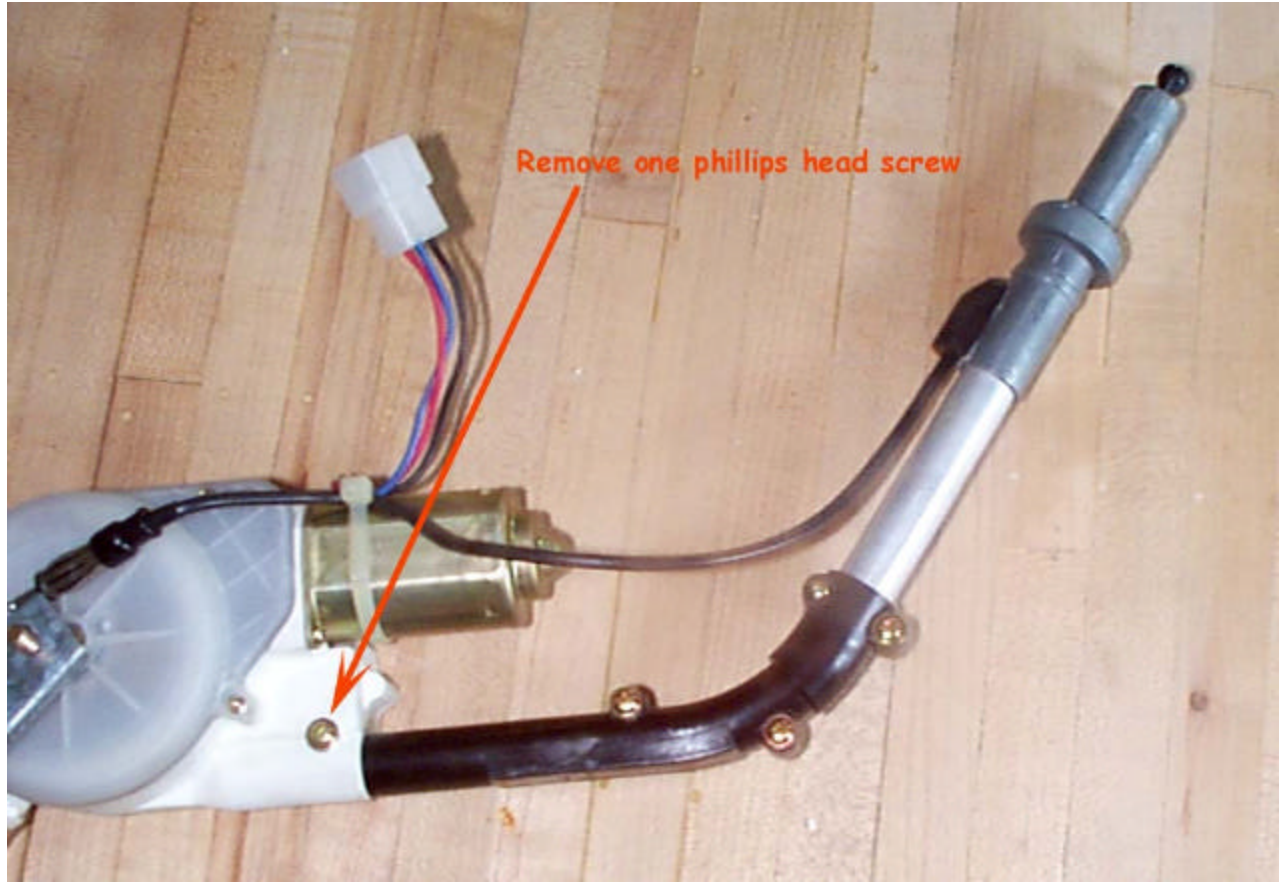
**Step 4.** Peel back trunk liner and disconnect electrical and antenna leads.



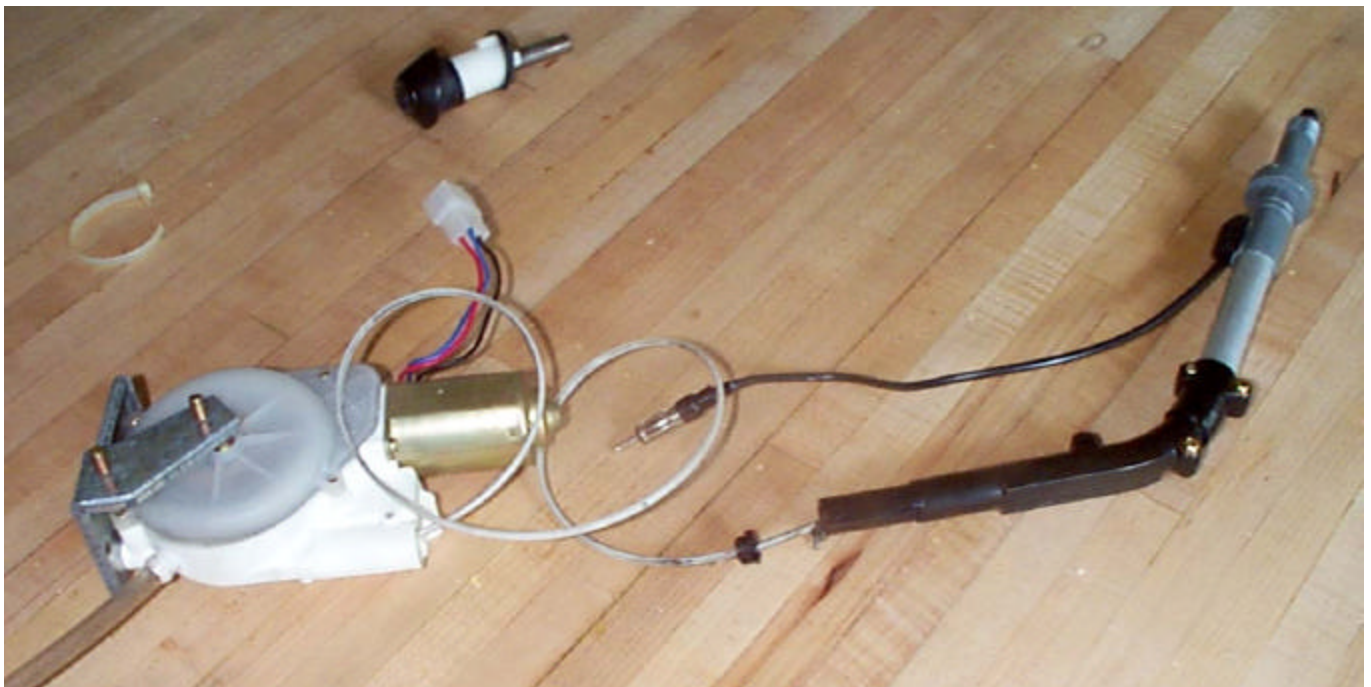
**Step 5.** Remove two 10 mm nuts and remove antenna assembly from car.



**Step 6.** Remove mast screw and slide off zip tie.

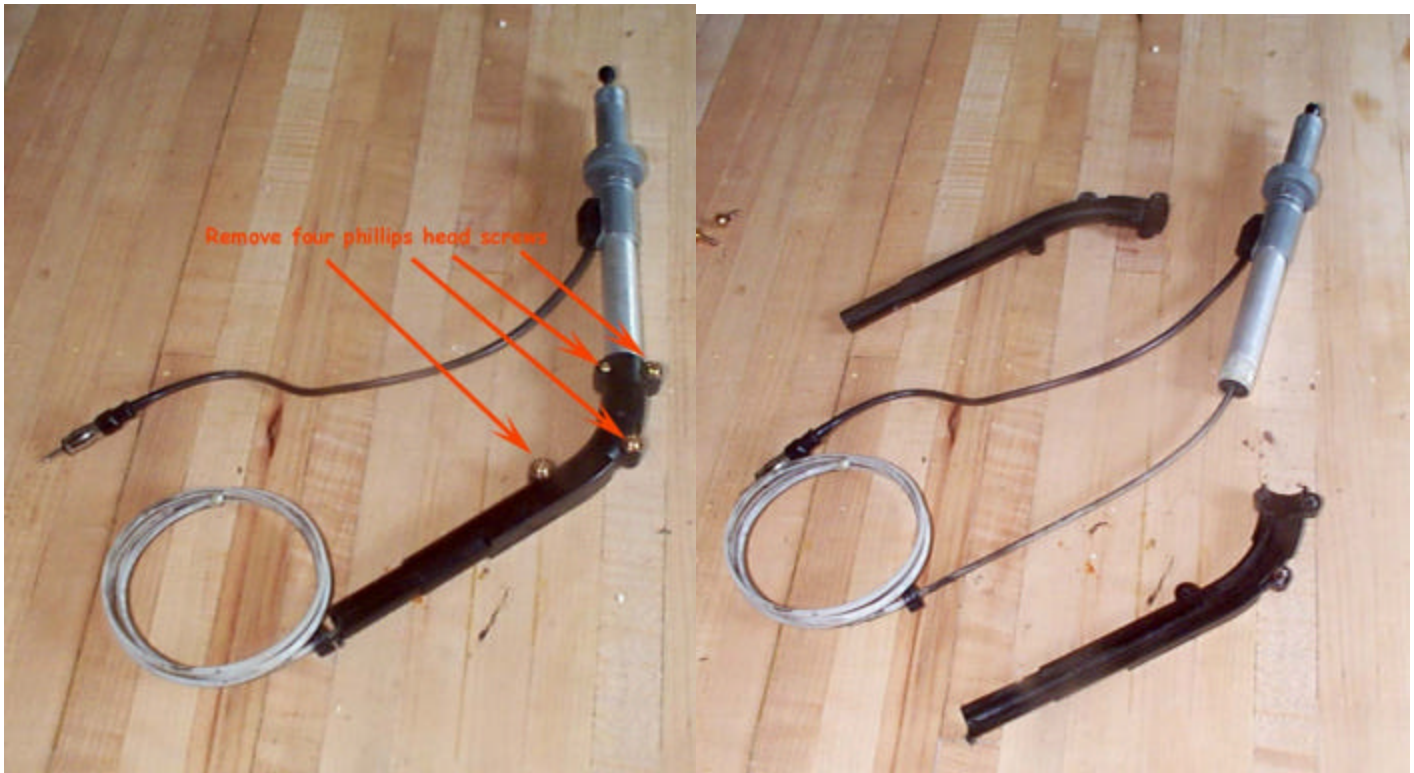


**Step 7.** Pull mast assembly out until it unwinds all cable and comes loose.

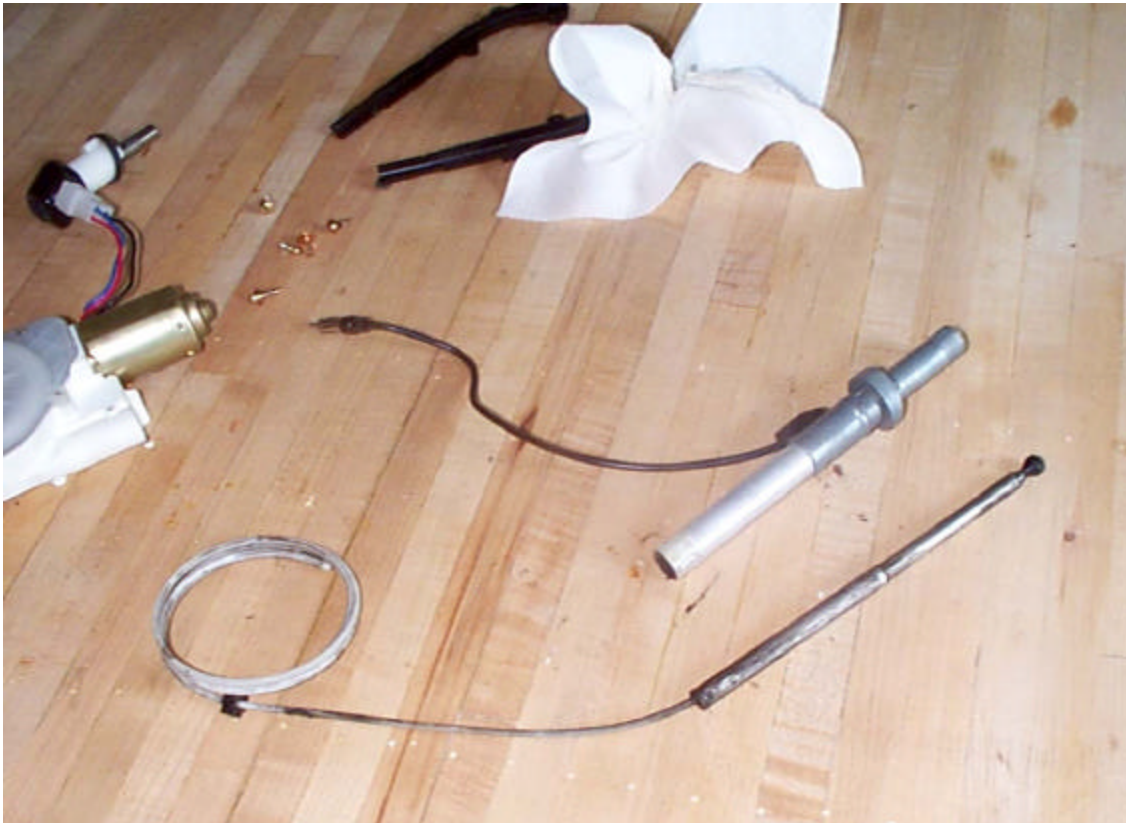




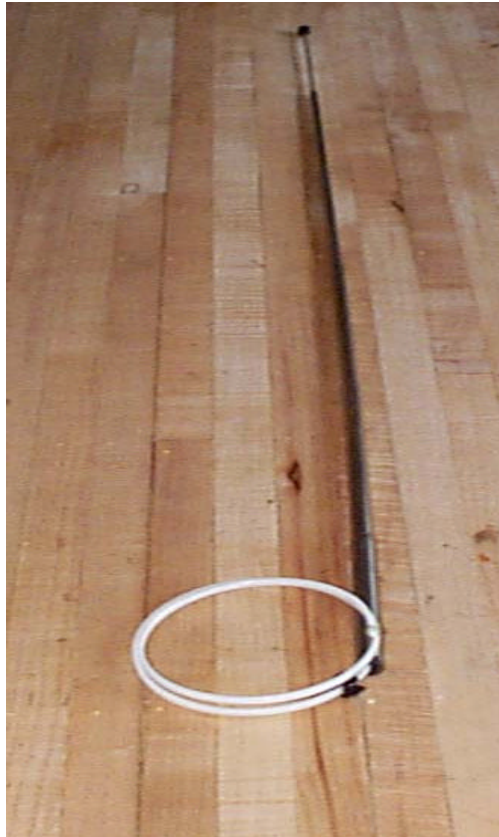
**Step 8.** Remove four screws holding the mast guide. Separate the top and bottom half of mast guide.



**Step 9.** Slide antenna mast out bottom of shaft.



**Step 10.** If you are replacing your antenna mast, skip to step 11, otherwise, clean your mast and cable until all the grease is off.

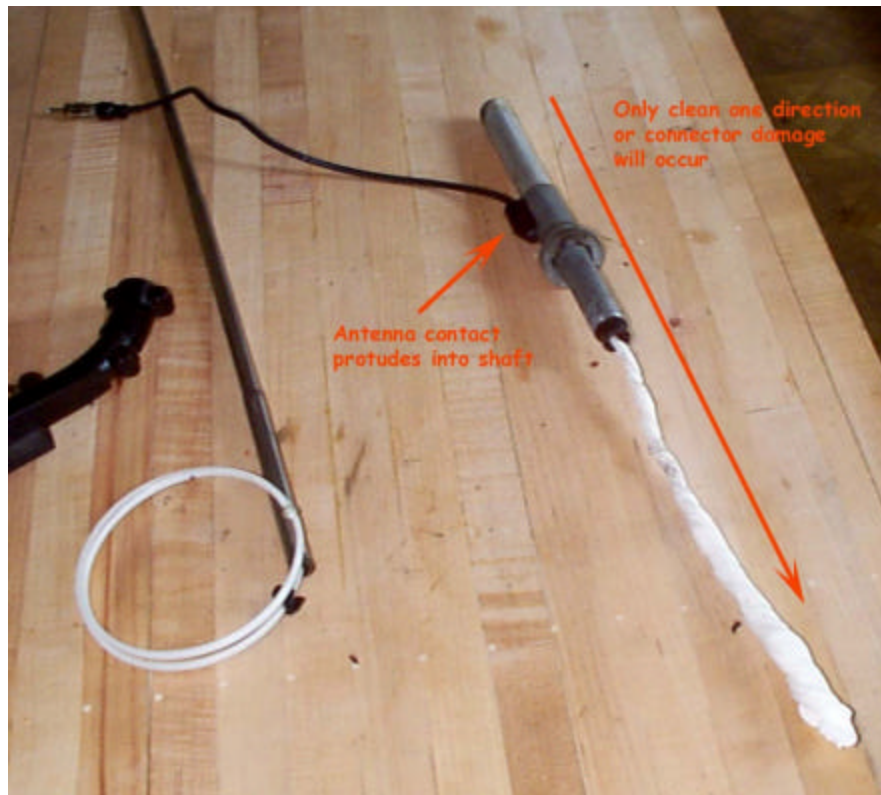


**Step 11.** Oil your cleaned or new mast with a lightweight oil. I used Air Tool oil. Extend and retract while spreading oil all over with a rag or fingers until mast and cable are well oiled.

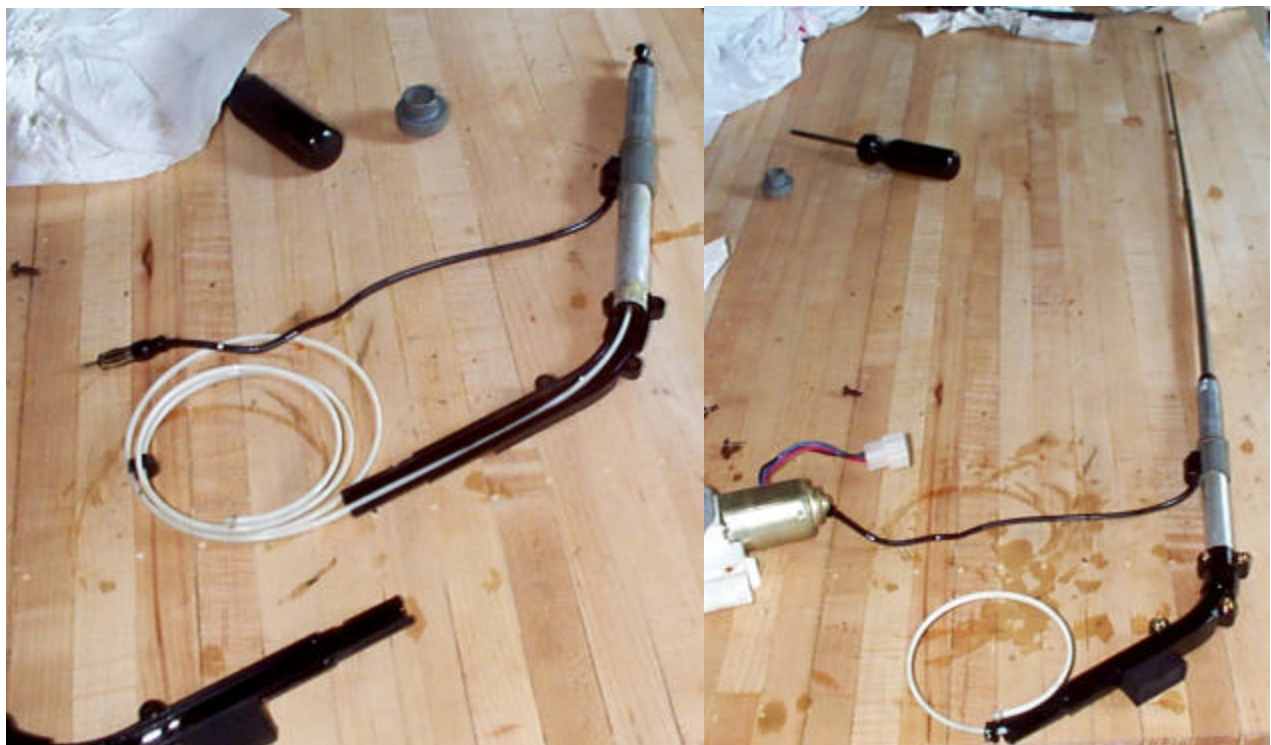




**Step 12.** Clean the shaft and mast guides thoroughly and oil all parts well. A rolled up paper towel works for the shaft cleaning, but only pull it through top to bottom or you may damage the contact wire that connects the mast to the antenna cable.



**Step 13.** Slide the oiled mast into the oiled shaft. Fit mast/shaft assembly into bottom half of guide. Place top half of guide on and re-install the four screws.



**Step 14.** Slide mast cable into motor a few inches and slide antenna guide and assembly into motor with mast extended. Replace mast screw, zip tie and take back out to car's trunk.

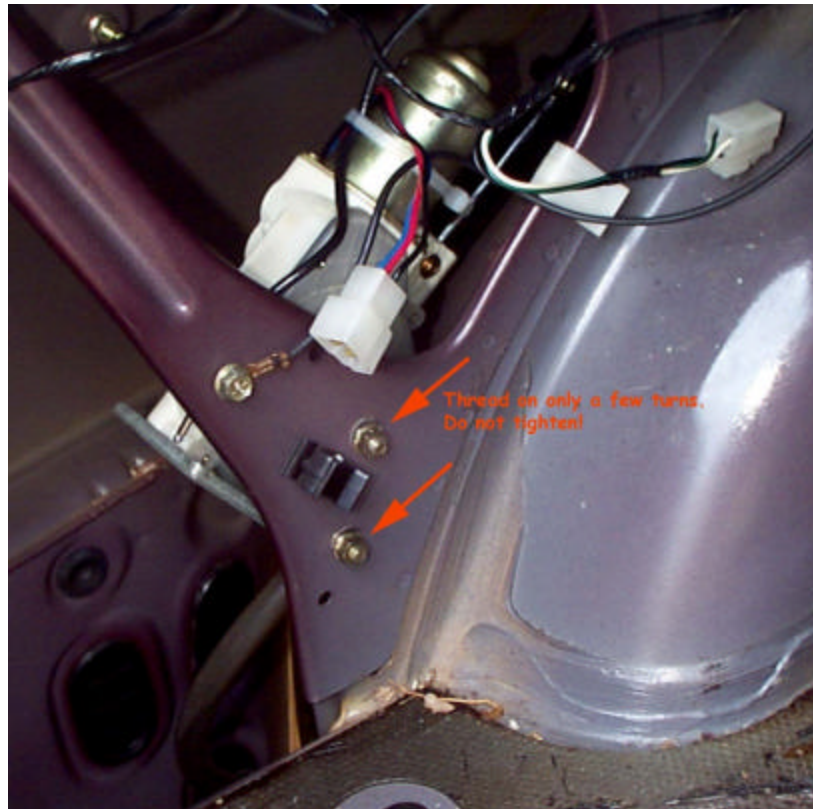


**Step 15.** Lay a rag under the antenna to catch excess oil. Turn on radio for 5 seconds, turn off radio and run and plug in power connector to antenna until it retracts fully. It may take two tries to fully retract. Unplug connector and turn off key.

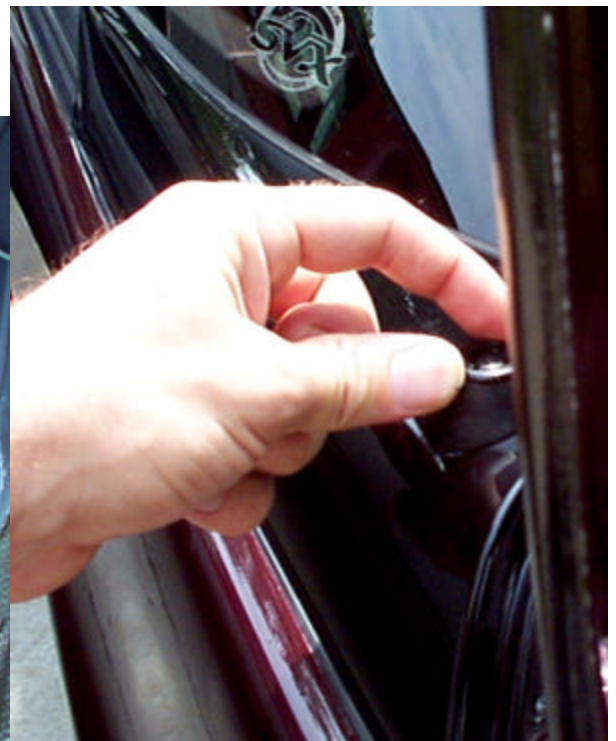
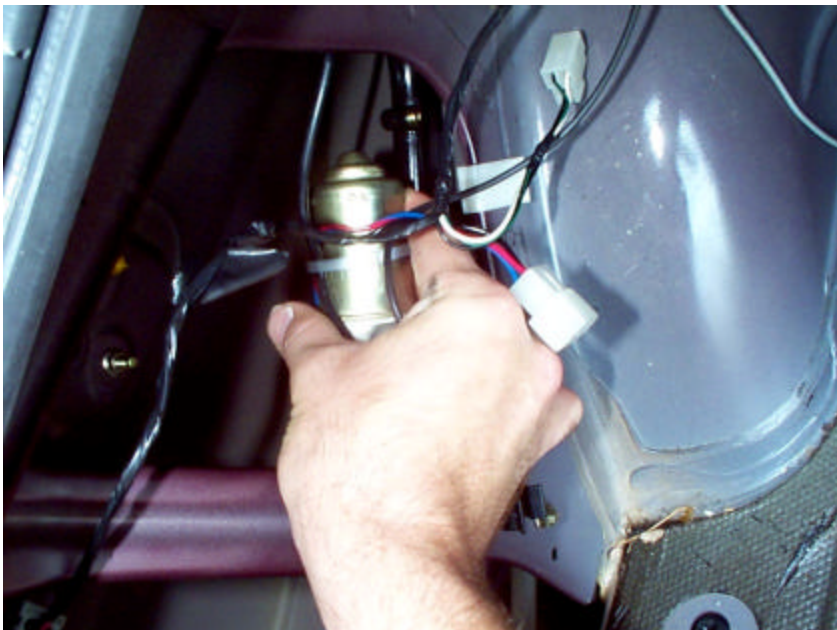




**Step 16.** Slide antenna assembly up through the hole and install the two 10 mm nuts just enough to keep it from falling off. Do not tighten the nuts yet.



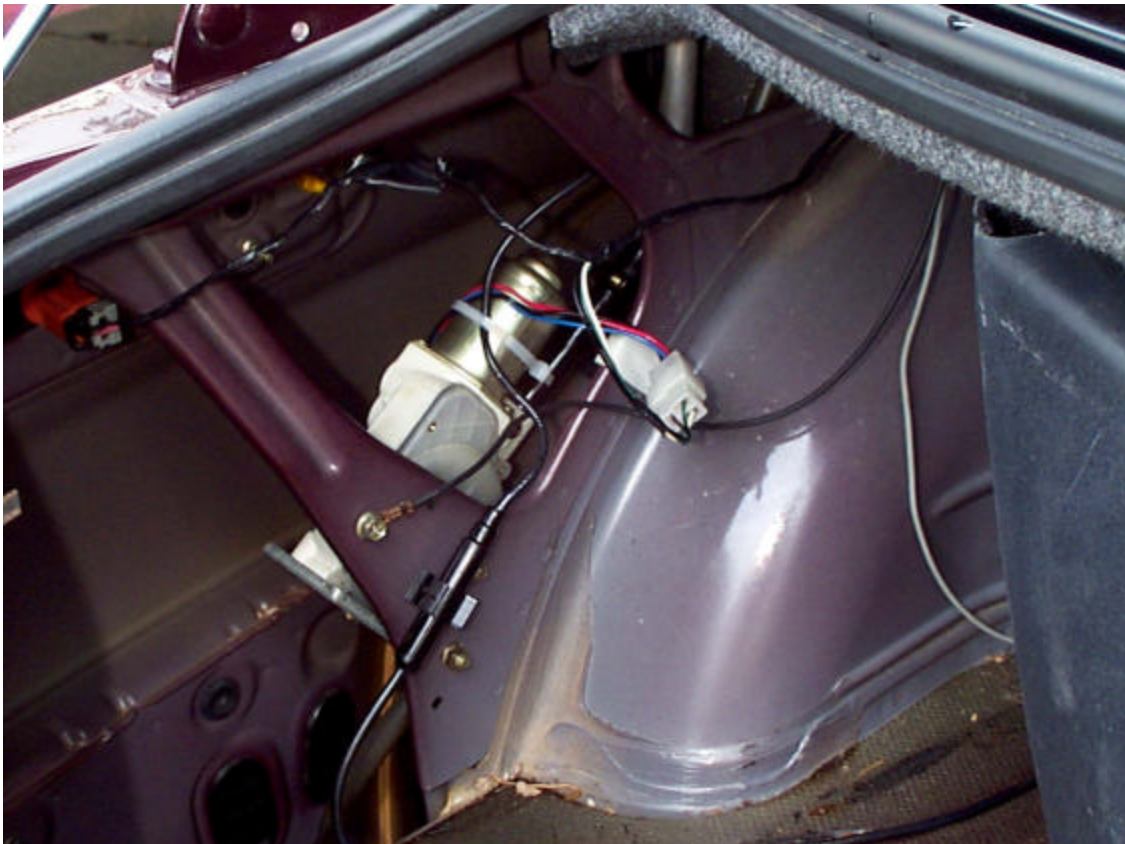
**Step 17.** With your right hand, hold the antenna up through the hole and with your left hand, install the top.



\*\*\* When properly tightened, the mast should just sit above the top nut.

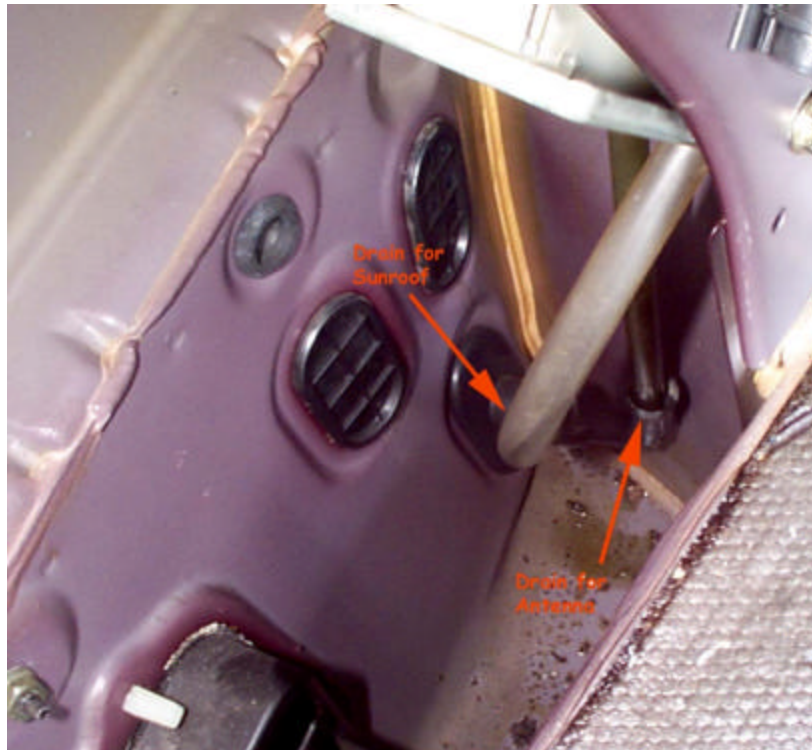


**Step 18.** Tighten two 10 mm nuts, connect the electrical connector and antenna connector.





**Step 19.** Connect the drain tube into the rubber grommet so your trunk won't fill with water. Check to make sure the sunroof drain didn't get knocked out of the grommet either.



**Step 20.** Replace trunk panel, carpet, and bulb access panel. Turn on the radio and enjoy the tallest and straightest mast you've seen in a while.

