

AntennaMastsRus

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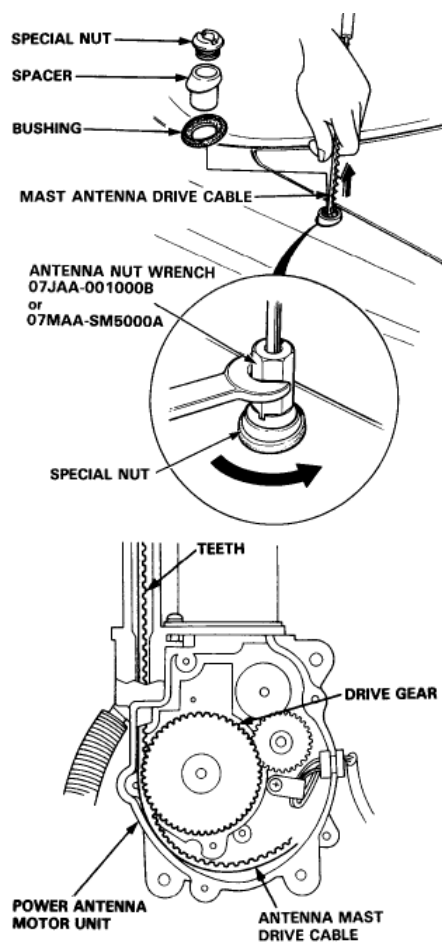
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Power Antenna Mast Instructions

Before installing your new mast, compare the old mast with the new one. They need to be *identical* in every way. If they are different, you may have an after market power unit. Also it is very important that you **NEVER** cut the white cable on the new mast at any time.

Removing the Mast:

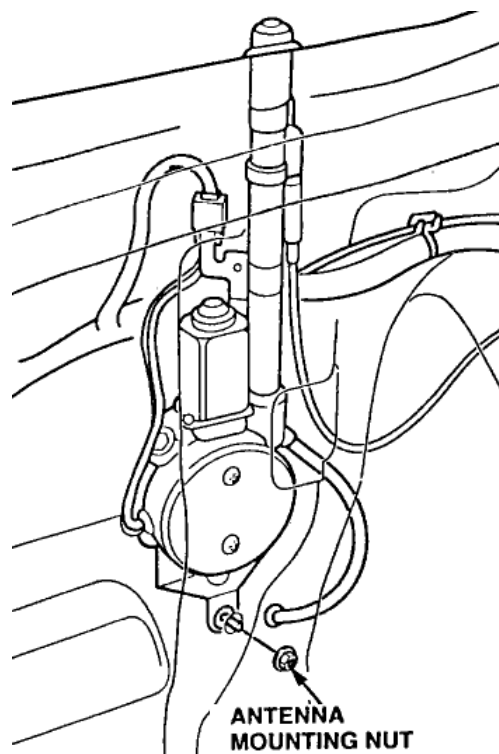
1. Remove the special nut, (turning counter clockwise, looking down at it), along with the spacer and bushing. (**SEE BELOW PHOTO**) Use a small needle nose pliers stick the ends of the pliers into the slits and remove.
2. As someone turns the radio on and as the mast begins or tries to come up, ... grab hold of it and pull out the old mast ... taking note which direction the teeth on the plastic cable are facing (*it will face either toward the front or the rear of your car*) so you know which way the new mast cable is to face when you put it in Make sure that the short outer grounding/retaining sleeve (*as what is on the outer portion of NEW antenna mast*) has come out with the old mast, this is very important, as this is what holds the antenna mast in when the nut is fastened, as it holds down the mast If the old mast and grounding/retaining sleeve are out then proceed with step 4. If not proceed with step 3.



3. If at this time you can't pull the mast out and it seems to be stuck, more than likely the grounding/retaining sleeve is corroded to the top of the antenna tube. What one needs to do at this point is inject an aggressive penetrating oil (krial oil, PB Blaster works great or equivalent) between the outer mast section and the brass threaded tip of the power unit. Let it work overnight and then try to pull it out again. If this doesn't work, then you need to take the complete power unit out of the car and put the tip of the power unit in a jar of aggressive penetrating fluid overnight. The next day reinstall the power unit back into the car and proceed with step 2. If at this time the old mast comes out proceed with step 4.

Installing the Mast:

4. Compare the old mast with the new one, the length of the white teathed cable **MUST** be the same length of the one you took out of your power unit (**DO NOT CUT THE NEW MAST CABLE**) If the cable is not the same length, then you probably have a broken piece left in your power unit If the cable is shorter proceed with step 5 If the over all Collapse length of the stainless portion of the new mast and diameter are the same with the old mast, along with the white cable length continue with step 6.
5. There are occasions where the antenna cable breaks off in the power unit and will not allow the replacement mast to be pulled in all the way. In this event you will have to remove the power antenna assembly from the car (**SEE BELOW PHOTO**) and disassemble the drum assembly and manually remove the broken portion! This is not a difficult job, its nothing more than removing some screws and bolts, nothing will ever spring out at you when you remove the drum cover ... Once the cable is out, clean the grease off of the drum assembly before you reassemble the power unit. Once this is done, use a light grease or white grease on the drum assembly, then reinstall the power unit in the car and proceed with step 6.



6. Insert the new mast cable into the top of the power antenna tube with the teeth facing toward the direction that it was when you removed the broken mast ... (**SEE PHOTO BELOW**) Then have someone turn the radio off,.. as the power unit begins to pull the new mast in, guide the new antenna into the power unit, as it pulls the mast down into the power unit, it may on the first try not pull the mast all the way down, don't worry, install the grounding sleeve and the outer nut and turn the radio on and off a few times as this will center the new antenna mast. then, "Voila! The mast is installed."

