



Raked Shorty Antenna Installation Instructions Miata 1990-2005

PART # 906-185

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The base part of the antenna is straight forward. You remove the old antenna, remove the 7/8" nut off the bottom of your new 906-185 antenna.

Insert the wires from your new antenna into the hole the former antenna occupied, and then put the new 906-185 antenna into the hole.

Attach the 7/8" nut on the bottom of the new 906-185 antenna and snug it as needed.

Two decisions need to be made.

First, if the factory cable has a female end near the bottom of your new antenna, you will probably choose to plug your new antenna straight into that existing cable.

If there is no factory cable or you have a reason not to use it, you can use the cable that came with your 906-185.

Second, do you want to take advantage of your 906-185's ability to boost the signal?

If yes, you need to arrange for the the 906-185's small red wire to get power when the key is on. We don't want power going to the antenna when the key is off because it could drain your battery. Better still, we want the antenna to receive power only when the radio is on.

If your original antenna was raised and lowered when the radio was turned on and off, you already have a wire there that will bring power when the radio comes on. It may be black/gray. If you are not sure, you can connect a volt meter or a 12 volt test light to the wire you suspect is correct and turn the key on. If the wire comes to life with the key, it will work. If the wire comes to life when you turn the radio on, that will be best.

If your original antenna was not electric, but you want to use your new 906-185's signal amplification ability, you will need to run key-on power to the 906-185's red wire.

You have the option of running a wire of your choosing to a key-on power source of your choosing.

Or, you can use the included antenna cable that will run from your new 906-185 to your radio. You will notice a black wire is attached to that antenna cable. That black wire will plug directly into the red wire at the base of your new antenna. The other end of the black wire will come out at the radio. Most radios today have a connection for an power antenna to be activated when the radio is turned on. Plug the new black wire into that.

If your radio has no provision for a power antenna, you can choose a key-on power source near your radio. The power source to your radio is a good option.

Although every effort has been made to ensure the accuracy and clarity of this information, any suggestions that you may have that will improve the information (especially detailed installation notes and photos) are welcome. These instructions were developed and written by Moss Technical Support. If you have any questions or difficulties with your installation of this product, telephone 800-667-7872 between 7:00 a.m. and 4:00 p.m., Pacific Time for assistance.

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