

Installation instructions for installing the compact twin tone air horn in a 2016 Mazda MX-5 Miata (ND).

Tools needed: Phillips head screwdriver, 10 mm socket & 6" extension, 10 mm & 12 mm open or box wrenches.

Remove stock horn from vehicle:

- 1) There are actually two horns in the ND (at least in the GT). One you can easily see thru the grill (passenger's side). The 2nd horn is mounted below the headlight, behind the bumper cover, again on the passenger side. The grill is not removable. To access the horns you will need to partially remove two smallish plastic panels on either side of the main (center) pan under the radiator, then remove the center pan.
- 2) To remove the pan, 1st remove 4 Phillips head bolts and 3 push-in plugs (one of them in in the wheel well) from each side panel in front of the wheels. This will allow you to pull them down enough to access the shoulder bolts holding the center pan in place.
- 3) There are a total of 8 10 mm shoulder bolts holding that center pan in place. You'll need a 10 mm socket and a 6" extension. There are also 2 plastic push-in plugs at the back of the pan, and 2 Phillips head bolts at the front of that pan. Note: these two plastic push pins are larger than the ones in the side panels, make certain to keep them separate.
- 4) Again, the plastic side panels can remain attached at the sides; just pull them down a bit to slide the center pan out and away from the chassis.
- 5) Remove **both** factory horns and their respective (flat) mounts – *to keep with the less weight philosophy.*
- 6) When disconnecting the wires from the horns pull the push-on electrical connector off of the spade terminal. Note: make sure you pull on the plastic connector NOT the wire.

Install air horn

- 1) Insert the T-bolt supplied with your kit thru the hole in the factory horn mount in the grill and install the nyloc nut (loosely) on the back side. We will tighten this nut after sliding the horn in place. Red arrow at right.
- 2) Bend the section of the factory horn bracket downward from its 90 degree position to one closer to 180 degrees – it does not have to be straight, you are just getting it out of the way. Blue arrow.
- 3) Now position the horn so that you can slide it over the T-bolt into the slot in the mounting post on the horn. Then tighten the nyloc nut securely. Note you will want to tilt the horn a bit so that it clears the plastic panel on the side.
- 4) Connect the short wire from the negative (-) terminal on the horn to the ground connector on the leg of the bracket that you just straightened out in step 2 above.
- 5) Now, connect the long wire from the positive (+) terminal on the horn to the female connector over under the headlight. Note: Do NOT connect to the female plug that is closer to the bracket where you mounted the horn. That line is on a 7.5 amp circuit and the fuse will blow if you hook the air horn to it.



The completed installation should look something like this →

Now is a good time to give your new horn a blast to be certain all your connections are tight before you button everything up. Warning: don't have a friend push the horn button while you have your head near the horn! (it's LOUD! remember, that's why you bought it)

- 6) Now that you know that everything is working, simply re-install splash pan and the side panels, change fuse – 15 Amp to 20 Amp provided (driver's side under the hood), and go for a drive and wake-up an SUV driver.

Note: the approx. 1 inch black cube with the 4 brass terminals sticking out, included with your horn is a *relay* – you don't need it; discard it or use it for some other project. This installation utilizes the horn relay installed in your car at the factory.