

At least for the 2015 Miata (and possibly other late year NC Miatas) with Non-height adjustable seats, you have to use the Jass seat lowering brackets for **Height Adjustable** (Moss Miata SKU: 903-330 which is Jass Product Code: 2657) on the **driver's seat** and the **Non-adjustable Height** ones that say 2.5" drop, but are in reality closer to 1" drop (Moss Miata SKU: 903-328 which is Jass Product Code: 2655) for the **passenger seat**. *To verify fit for your car, move the seats all the way forward and look at the alignment of the holes on the existing rear brackets.*

You can make the modifications without removing the seat(s) from the car (which I did because I could never get the air bag connector under the seat disconnected). ***If you wish to remove the seat completely out of the car and unbolt it from the rails, you should follow the steps available on the internet.***

I lowered only the driver's seat, and the process for took about 4 hours. It lowered the seat a good 1".

Tools:

- 10mm wrench to loosen negative battery terminal cable (**1st step!!!**)
- Socket wrench with extensions (I needed two 6" extensions and one 3" extension)
- 14mm socket to remove 4 bolts holding seat assembly to the floor
- 12mm socket to remove 4 bolts holding existing seat brackets to the outer rails
- Power saw or cutoff tool to cut rails (I used an air tool usually used for cutting mufflers and exhaust pipes)
- 3/16" mm Allen wrench and 1/2" socket for the new bracket hardware
- Torque wrench

Procedure: This procedure allows you to cut the outer rails without removing the seat from the car. Unless you are taller than 5' 9" or so, you don't really need to cut the inner rails. The seat will go back far enough to drive comfortably. ***If you DO want to cut the inner rails, you should follow the steps available on the internet to remove the seat completely out of the car and unbolt it from the rails.***

1. Remove negative battery terminal cable.

SAFETY WARNING!!!!

Not disconnecting the battery could result in injury due to inadvertent activation of the air bag system!!!

2. Slide seat all the way forward and pull seat back to steering wheel. Loosen and remove the bolts holding the rails to the existing brackets (12mm socket). Now, remove the two rear bolts holding the seat assembly to the floor (14mm socket).
3. Slide the seat backward so that you can remove the front two seat assembly bolts holding the seat assembly to the floor.

4. While holding the front brackets, slide the seat all the way forward.
5. Now, you can maneuver the seat into position to cut the end of the rails. I used wood blocks to keep the seat elevated and swiveled the assembly to provide room for the cutting tool. The instructions that came with the brackets should have a diagram showing you exactly where to cut, but you're basically cutting about 1/4" off. NOTE: Once you've cut the rear end of the rail, don't slide either of the inner rails towards the back or you may release bearings.

SAFETY WARNING!!!!

You should wear eye protection when cutting the rails!!! The cutoff tool that I used generated so many sparks, that I took several precautions (mostly after the first sparks hit my skin):

- **Drop cloths over the seats and carpet**
- **Long-sleeve shirt**
- **Gloves**
- **Wrap-around motorcycle helmet (really!)**

6. Once you've cut a rail, you should be able to mount the new bracket to the bottom using the provided hardware ***but don't tighten – just snug for now*** (1/2" socket). You want to have a little play in the bracket alignment.
7. The provided instructions (and some internet videos) suggest you cut away the carpet/sound proofing where the bracket will rest in order to get the brackets to rest directly on the floor. I did not have to do that to get the seat assembly bolted in correctly, but "your mileage may vary."
8. Screw the two rear seat assembly bolts into the floor a little bit – you'll tighten and torque them a little later.
9. Pull the seat back and screw the two front seat assembly bolts into the floor getting them a little snug, so you can get the whole seat assembly aligned correctly. You may have to push the rail down to get the bracket to compress the carpet enough to be flush to the floor and be able to get the bolts started.
10. Slide the seat forward, and on the new brackets tighten the nut on each rail that is screwed onto the welded bolt. Torque to 20 N-m (15 lb-ft).
11. Loosen the two rear bolts holding the seat assembly to the floor so you can raise the seat assembly up enough to get the 10mm Allen wrench underneath. Tighten the nut on each rail that is connected to the loose bolt and torque to 20 N-m (15 lb-ft).
12. Now, tighten the two rear bolts holding the seat assembly to the floor and torque to 36-54 N-m (approximately 30 lb-ft). You may have to actually stand on the rail to get the bracket to compress the carpet enough to be flush to the floor.
13. Slide the seat back and tighten the two front seat assembly bolts into the floor. Torque to 36-54 N-m (approximately 30 lb-ft).
14. Connect and tighten negative battery cable.