

SUPERMIATA

Installation Instructions for Adjustable Sway Bar End Links

2016-2024 Mazda Miata MX-5

Length adjustment range of Supermiata link is 91-115mm front and 55-65mm rear. Rears should be adjusted to 60mm, fronts should be adjusted to 105mm to start. Fine tune length as needed to remove any preload when car is on level ground.

1. Removal and installation can be performed with suspension at full droop. Final adjustment must be performed with vehicle weight on suspension.
2. The thin jam nuts are left and right hand thread. The coupler has two grooves on the end that is LH thread. Turning the center coupler will either lengthen or shorten the entire assembly at once.
3. Install only one side at this time.
4. Spacers are included in case your aftermarket sway bar geometry requires corrections to maintain a good link angle. You may not be able to get perfect sway bar to link angle. Get it as close as you can using the spacers provided. OK if angles aren't perfect, neither is OEM
5. The lock washer goes under the nut on the sway bar or control arm end. Torque through bolt/nuts to 34-39 ft-lbs (46.1~52.9 nm). Use the shorter 45mm bolt on control arm end and longer 55mm bolt on front sway bar.
6. Before tightening the jam nuts, make sure both bearings are oriented so they can swing freely and bottom at the same time. Note that front links have bearings at 90°, rears at 180°. This will take a few tries to get both bearings oriented.
7. Tighten both jam nuts on first link.
8. Install second link on other end of sway bar. Torque the control arm end of the link through bolt/nut to 34-39 ft-lbs (46.1~52.9 nm). Leave both jam nuts loose.
9. Adjust second link length as needed to so coupler has least resistance. This ensures no twisting preload is put into the sway bar. Torque through bolt/nuts to 34-39 ft-lbs (46.1~52.9 nm)
10. Verify that bearing on second link are lined up to allow full range of articulation as described in step #6. Tighten both jam nuts.
11. Road test at low speed. Drive though a driveway or two to make sure you have everything installed correctly. The links themselves should be silent.

Video tutorial on youtube.com, search : supermiata end link

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