

**Sway Bar Links
Installation Notes
Part Numbers: 10-510100 through 10-510800**



M7 Speed engineers and manufactures the highest quality and best fitting MINI Cooper accessories and performance parts available anywhere on Planet Earth! Please inspect your parts when you receive them to verify everything is included and no damage has happened during shipment. Read these instructions completely **BEFORE** attempting to install this product. If you are not confident you can do the work described or do not have the tools or skills necessary please contact a local M7 dealer (listed on our website www.m7speed.com) or a local MINI repair shop or automotive accessory installation center to perform this work. We acknowledge not everything is perfect but we work very hard every day to improve our products and make installations easier. If you have any comments please contact M7 Customer Service directly at 704-663-0094. We encourage and welcome any and all criticism, comments or product reviews. Thank you.



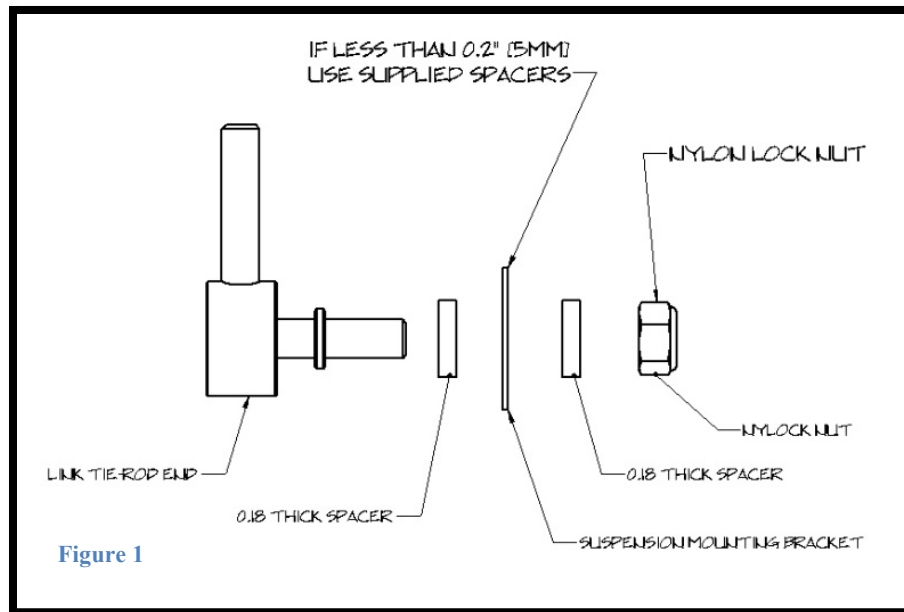
CAUTION:

WHEN WORKING UNDER YOUR CAR ALWAYS USE THE RIGHT EQUIPMENT FOR THE JOB. DON'T BE TEMPTED TO TAKE SHORT CUTS OR USE INAPPROPRIATE ITEMS. NEVER WORK UNDERNEATH A VEHICLE THAT IS ONLY SUPPORTED BY A JACK. THIS MAY CAUSE SEVERE INJURY AND EVEN DEATH.



CAUTION: SUPPORT YOUR CAR BY USING STABLE AND QUALITY AXLE STANDS THAT ARE IN GOOD CONDITION AND PROPERLY RATED FOR YOUR VEHICLE'S WEIGHT. THIS INSTALLATION IS BEST ACCOMPLISHED USING AN AUTOMOTIVE SERVICE LIFT.

INSTALLATION NOTES:



1. The length of the links **have not been preset and the jam nuts are not tight**. Set the length of each link for your specific application (see Chart). Each link has a left hand and right hand thread for easy length adjustment. Make sure bolt links are the same length.
2. Once the length is set tighten the jam nuts at each end against the aluminum center body.
NOTE: One end is **RIGHT HAND THREAD** and the other end (with small groove cut into black body) is **LEFT HAND THREAD**
3. When attaching the sway bar tie-rod end to the stock suspension mounting brackets use the supplied thick hardened flat washers. Ensure the nut tightens fully on the threads. Use a 14mm thin open end wrench to hold the 10mm stud from turning. See Figure # 2 below



4. Torque the supplied nylon lock nut nut to 30 lb-ft (41Nm)

5. After the installation of the sway bar links on the car is complete check for free rotation. Place a $\frac{3}{4}$ " open end wrench over the middle of the black adjuster sleeve. Using the wrench, rotate the complete link assembly (adjuster sleeve and top and bottom tie rod ends) and make sure there is at least 60 degrees of rotation without bind. If you do not have 60 degrees of bind free rotation part failure will happen and will not be covered by the warranty. Adjust as follows;
- Rotate the complete link assembly all the way in one direction until it stops.
 - Loosen one of the tire rod jam nuts
 - Rotate that tie rod end to allow for free rotation and then lock the jam nut against the black adjuster sleeve. Repeat to check for free rotation. Adjust as required to achieve the 60 degrees of free rotation.



Figure 3: 60 degrees of rotation required

If you have any questions or concerns, don't hesitate to call our office Monday – Friday, 9am—4pm Eastern Time. Or e-mail us at techsupport@m7speed.com.

Enjoy the Ride & Stay M7 Tuned.....

Team M7



MINI Cooper Sway Bar Length Reference Chart



Factory MINI Sway Bar Link Lengths					
	Front		Rear		MAXX-G ADJUSTABLE Link Kit PN
	inch	mm	inch	mm	
R50 R53	11.8	300	9.1	230	10-510600
R55 R59	11.8	300	9.1	230	10-510600
R60 R61	11.6	295	6.3	155	10-510600
F55 F56	12.6	320	4.3	108	10-510700

MINI Sway Bar Link Lengths							MAXX-G ADJUSTABLE Link Kit PN	
	Front		Rear					
	inch	mm	inch	mm				
Gen 1 (R50, R52, R53)								
R50 R53 (Standard Ride Height)	11.8	300	9.1	230	10-510600		10-510400	
R50 R53 (Lowered 1.5")	12.8	325	7.8	198	10-510700		10-510300	
R50 R53 (1" Lift)	10.8	275	9.9	251	10-510500		10-510400	
R50 R53 (2" Lift)	9.8	249	10.9	277	10-510400		10-510500	
Gen 2 (R55-R59)								
R55 R59 (Standard Ride Height)	11.8	298	9.1	230	10-510600		10-510400	
R55 R59 (Lowered 1.5")	12.8	325	7.8	198	10-510700		10-510300	
R55 R59 (1" Lift)	10.8	274	9.9	251	10-510500		10-510400	
R55 R59 (2" Lift)	9.8	249	10.7	272	10-510400		10-510500	
Gen 2 Countryman-Paceman (R60-R61)								
R60 R61 (Standard Ride Height)	11.6	295	6.3	160	10-510600		10-510100	
R60 R61 (1.5" Lowered)	12.6	320	5.1	130	10-510700		10-510100	
R60 R61 (2" Lift)	9.6	244	7.8	198	10-510400		10-510200	
Gen 3 All (F54, F55, F56, F57, F60)								
Gen 3 F54 & F60 (Standard Ride Height)	12.6	321	4.1	105	10-510700		10-510100	
F54 F60 (1.5" Lowered)	14.1	358	4.1	105	10-510800		70-510100	
F54 F60 (2.5" Lift)	10.6	269	6.1	155	10-510600		70-510200	

Sway Bar Links - Adjustable Length Range			
MAXX-G Assembly PN	mm	inch	
10-510100	150-175	5.9-6.9	
10-510200	175-200	6.9-7.9	
10-510300	200-225	7.9-8.9	
10-510400	225-250	8.9-9.9	
10-510500	250-275	9.9-10.9	
10-510600	275-300	10.9-11.9	
10-510700	300-325	11.9-12.9	
10-510800	325-350	12.9-13.9	

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