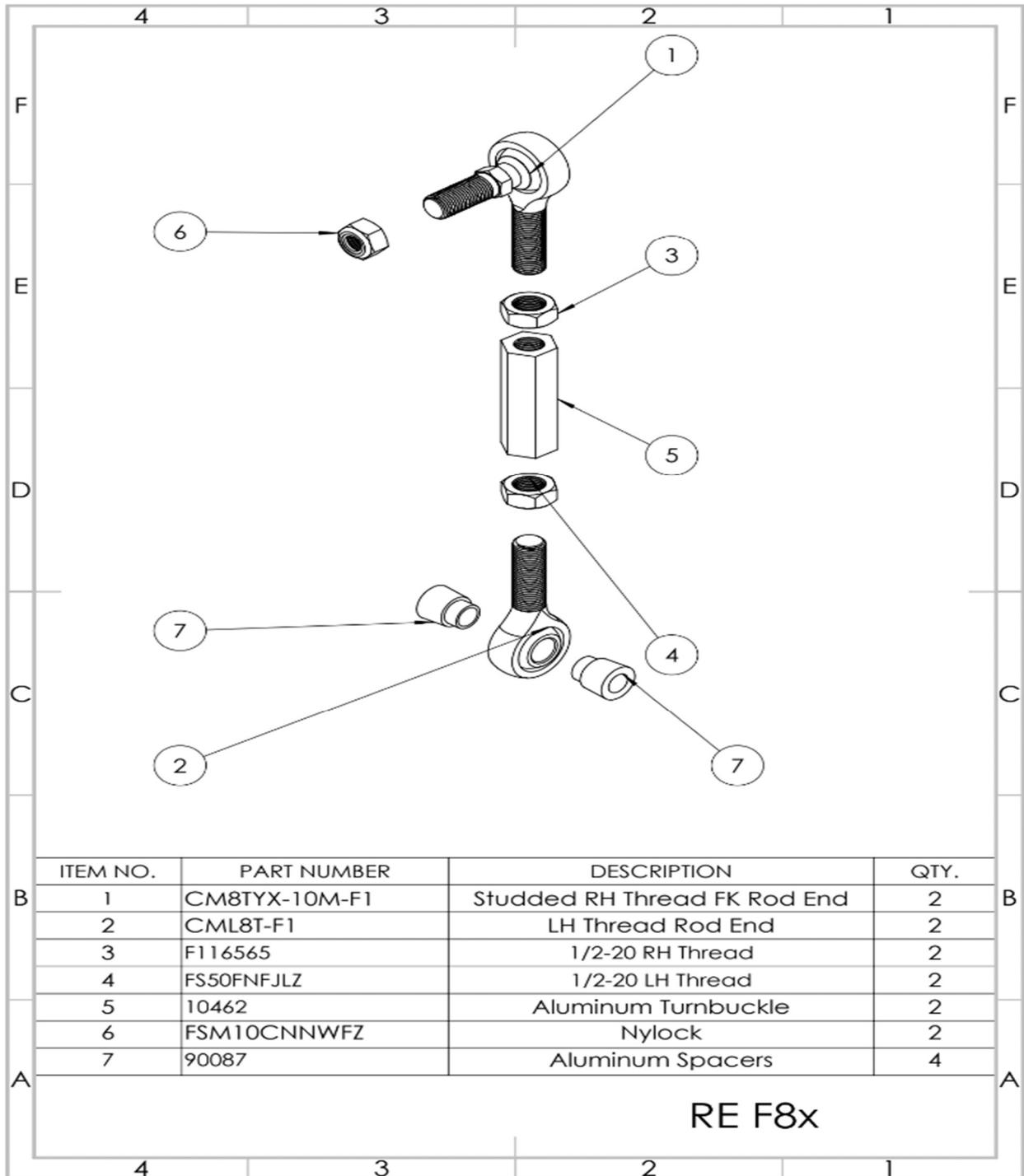


# Rear Endlinks Kit Installation Instructions SPL RE F8X BMW





*Minimum and maximum adjustment illustrated. Adjust both sides evenly to avoid overstressing the rod ends.*

Thank you for your purchase of this SPL Parts performance suspension product. Please follow these instructions exactly to ensure that the product is able to function to the best of its ability, and you can achieve the most performance out of your vehicle.

**Tools Needed:**

16mm socket    Thin 17mm wrench    13mm swivel socket and long extension

1. Remove the factory link by loosening the 16mm nut at the upper fastener. A thin 17mm wrench is needed to hold the link. If a thin wrench is not available, curved jaw vice grips work well.
2. Once the upper fastener nut is free, loosen the lower fastener nut. The lower fastener is a 13mm bolt which is easiest to access with a long extension and swivel socket. Once that is removed, remove the rear endlink.
3. Install the SPL Parts Endlink. Installation is the reverse of removal, yet use the following process to eliminate sway bar preload (recommended).



*Proper installation of spacers at knuckle.*

**Do not exceed 20 ft.-lbs.** when tightening the link to the car. Leave one endlink bolt disconnected (other endlink bolts should be connected). Place the car (all 4 wheels) on flat ground, then adjust the length of the disconnected endlink until the bolt inserts easily into the sway bar. That will be the length setting to use. Assemble and tighten that endlink accordingly. Torque the Jam Nut (3 or 4) (length setting of endlink) to **20-30 ft.-lbs.**

**DO NOT OVERTORQUE!** *SPL Parts is not liable for any issues due to overtorque.*

4. Make sure that the SPL Parts Endlinks have good articulation after tightening down the Jam Nuts. Grab the Aluminum Turnbuckle (5) and rotate left to right, and the entire endlink should be able to rotate back and forth in an approx. 50 deg range. If not, loosen one Jam Nut and adjust the bearing, then tighten the Jam Nut making sure to keep the bearings in alignment.

5. Be safe and enjoy your new upgrade!

## **Adjustments**

The sway bar on your vehicle should be detached from the suspension system any time you align your vehicle, especially if your vehicle is being corner balanced. During an alignment, all the arms are moved around, and their lengths are being changed. This can induce preload into your sway bar, give you a false reading on your alignment, and cause the car to turn more precise in one direction than the other, and even cause the car to pull more in one direction than the other. To detach the sway bar from the system, just detach the end links on one side of the vehicle from the sway bar. Once the alignment is done, reinstall that side in the same way as described in the above instructions, taking special care to not induce preload into the system. Make sure the alignment shop does this before aligning your vehicle. **Take these instructions with you to confirm that the end links are installed correctly.**

## **ONE-YEAR LIMITED WARRANTY AND DISCLAIMER**

*All SPL brand products are intended for **Off Road Use Only** and carry a one year limited warranty. See below for details. All other branded products carry their respective manufacturer warranty.*

*SPL PRO suspension products warranted to be free of defects in material and workmanship for one (1) year from the date of purchase.*

*If a product fails to meet specifications, SPL PARTS INC will, at its election, repair, replace, or make appropriate adjustment, if SPL PARTS INC determines to its satisfaction that the product is defective in material or workmanship, i.e. contains a defect arising out of the manufacture of the product and not a defect caused by other circumstances, including, but not limited to accident, misuse, abuse, unforeseeable use, neglect, alteration, improper installation, improper adjustment, improper repair, or failure caused by other equipment or interaction with other equipment. SPL PARTS INC is not responsible for labor charges, removal charges, installation, or other incidental or consequential costs. In no event shall the liability of SPL PARTS INC exceed the purchase price of the product.*

*SPL PARTS INC makes no other warranties, either expressed or implied, including limitation warranties as to merchantability or fitness for a particular purpose. SPL PARTS INC shall not be liable for, and buyer assumes all risk of, any advice or failure to provide advice by SPL PARTS INC to buyer regarding the product or use and installation of product. SPL PARTS INC shall not be liable for any special, incidental or consequential damages.*

*If the purchaser of the product shall fail to pay when due any portion of the purchase price, or fail to meet any terms required under contract agreed on at time of purchase, all warranties and remedies granted may be terminated.*

***Using any SPL arm as a tie/strap down point for a dyno session or transport will void the warranty.***