



SHARP ENGINEERING LLC  
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## SWEET RACK INSTALL



### Required Parts

1. Sweet Micro Sprint Rack and Pinion, 2.75" per Turn	033-27114	x1
2. Screw-Mount Nut, Steel, 3/8"-16 Thread Size	90611A450	x2
3. 3/8"-16x1.5	91247A628	x2
4. 3/8"-16x1.75	91247A630	x2
5. 3/8"-16 Jam Poly	94945A217	x4
6. Thick Steel Mil. Spec. Washer 3/8" Screw Size	91922A227	x2

### Required Tools

- 2- 5/8" wrenches
- 2- 9/16" wrenches
- 1/8" allen wrench
- 3/16" allen wrench
- 7/16 Wrench
- 1/2" socket
- 3/8 ratchet and 12" Extension
- Jack Stands



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## Procedure

1. Loosen the front lugs but do not remove
2. Place the car securely on jackstands
3. Remove the lugs and front wheels
4. Remove the existing 7/16 tie rods
5. Remove the lower universal joint from the rack (leave it connected to the column)
6. Remove the 3/8 " bolts securing the rack to the axle and remove the rack
7. Install the Sweet Rack onto the axle using the 3/8 bolts from the existing rack **and use blue threadlocker**
8. **Tighten the 3/8" mounting bolts to 20-22 foot-pounds**
9. Reinstall the lower universal joint remove the retaining bolt completely and using a flashlight be sure to line up the set screw slot on the splined shaft and reinstall the retaining bolt
10. Install the 3/8 tie rods to the rack using the 1.5" 3/8 bolts
11. Install the 3/8 tie rods to the spindle as depicted below.  
(Tighten the bolt to the threaded bushing first, then install the jam poly to prevent the threaded bushing from backing off. )

