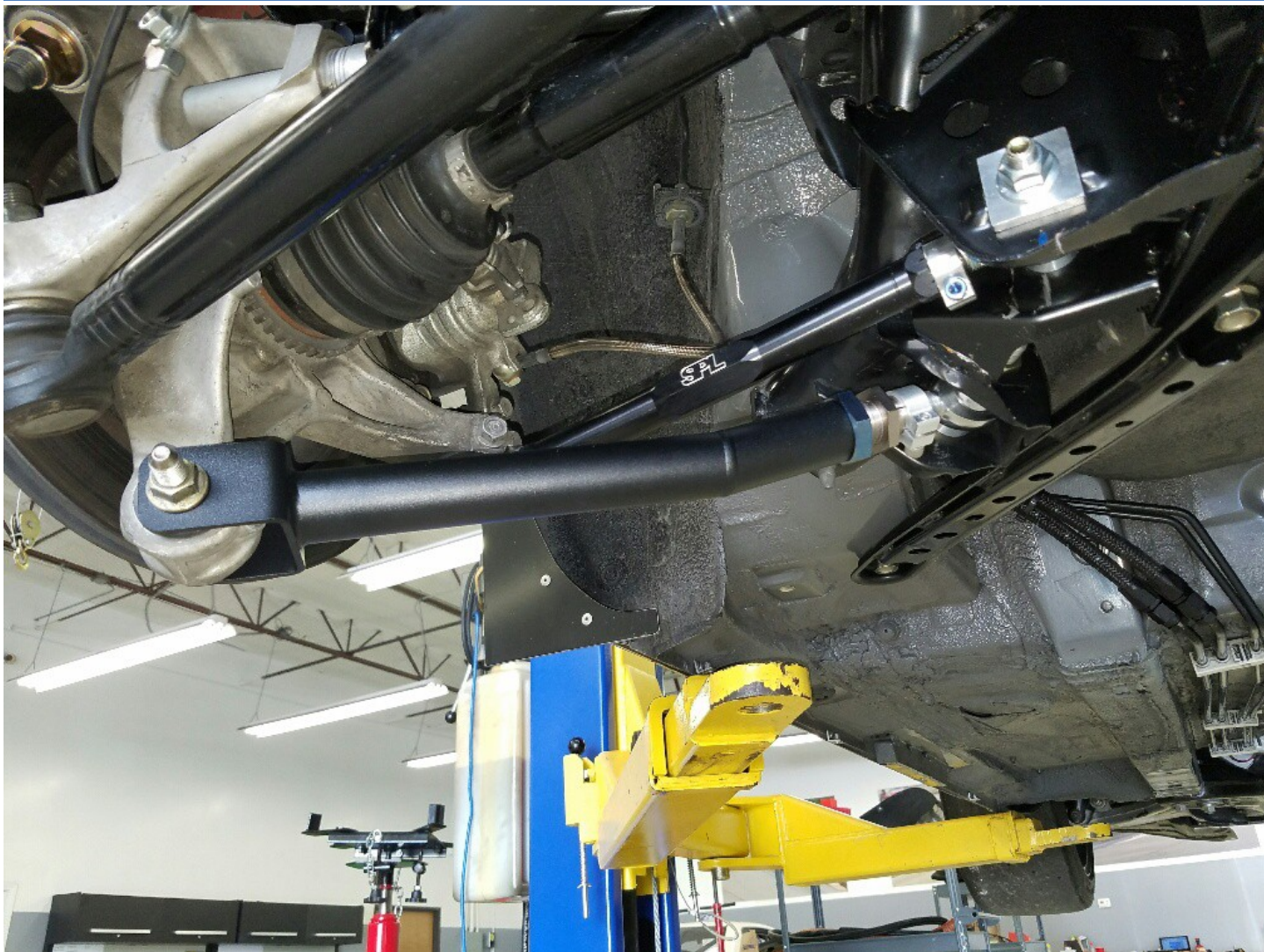


SPL Rear Traction Arms NC Miata



Tools Needed: Basic Machanic's toolset

Installation Instructions:

Loosen the lug nuts on the rear wheels, then either jack the car up or raise it on a lift. If jacking, place chocks at the front wheels, then use jackstands under the car to support it. Once you have the car securely raised, remove rear the wheels.

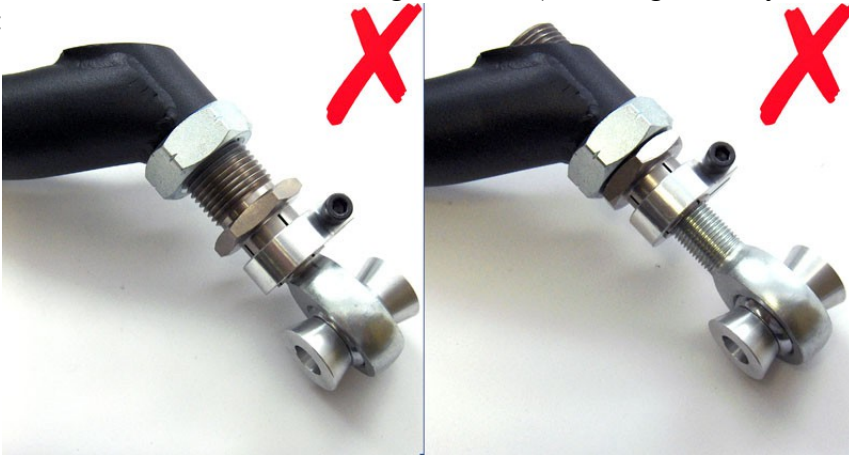
Remove the factory traction arms. To set approximate length of the SPL arms (using the steps outlined below for the hybrid adjuster), compare them to the factory arms. This will allow you to at least drive to your alignment shop. Once the arms are set in length, installation is straightforward.

Make sure to install the arm as shown in the picture: bow/bend down towards the ground to clear the toe arm. Install the bearing (heim/rose joint) end first, which is the end at the subframe. Slide the bolt through the subframe and spacers, then thread the nut on. Starting at this end allows the arm to articulate freely, making it much easier to line up the clevis at the knuckle. Line up the clevis, put the bolt through, thread on the nut, then tighten. Go back to the other end and tighten that nut and bolt combination as well. The following section details how to adjust the length of the arm.

Hybrid adjuster length adjustment procedure

The hybrid adjuster is what is known as a **double adjuster**. On one side the thread is left-handed and on the other side the thread is right-handed. So when the suspension arm is installed, turning the hybrid adjuster will allow you to lengthen/shorten the assembly.

When lengthening/shortening, be sure to keep the arm and rod end from freely rotating when you turn the adjuster. Do not make the following mistakes (threading out **only** the adjuster or threading out **only** the rod end):



This picture shows a properly threaded adjuster. The rod end (heim joint) will thread out about 2/3 the length of the adjuster. Note also the maximum adjustment limits shown in the picture.

This jam nut should be tightened against the body of the arm. To properly tighten the jam nut, hold the adjuster hex with a wrench, then use a second wrench to tighten the jam nut.



The advantage of the hybrid adjuster is that you can easily keep the rod end bearing centered during and after alignment. Make sure to keep the bearing centered as shown.

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.