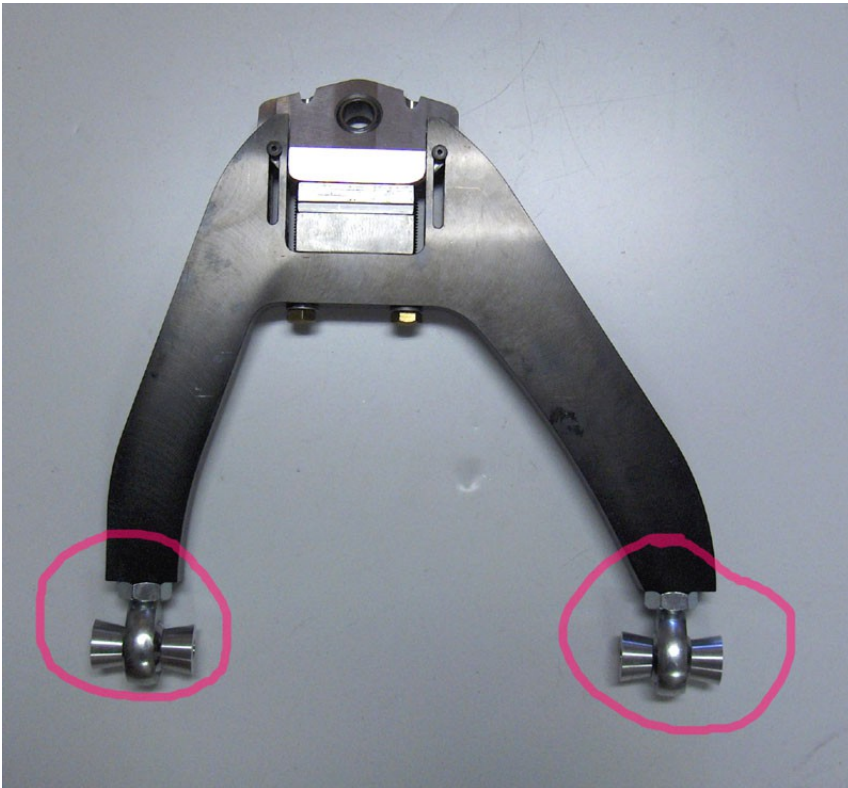


# SPL PRO FRONT UPPER ARMS V3 350Z/G35



Remove stock front upper arms. **IMPORTANT** Locate the 2 casting "bumps" on the back of the upright (shown circled in picture). Grind off the bumps till smooth. This is important in order for the arms to have maximum suspension travel.



## CASTER ADJUSTMENT

Caster adjustment is not adjustable on the car, the arm has to be disconnected to set caster.

To pre-set caster prior to installation, locate the 2 inner rod ends, as circled. When both are fully threaded in, this should give stock caster. Stock caster is 8deg

To increase caster, thread out the rod end on the side of the arm closer to the front of the car. To decrease caster, thread out the rod end on the side closer to the rear of the car.

Every 0.3" gives 1deg of caster.

Before bolting up arms, tighten jam nuts (15/16" hex) on the inside rod ends (approx 25 ft-lbs). Make sure rod ends are square with the arms.

Bolt up front upper arms.

Tighten inside bolts to 44ft-lbs.

Tighten nut (15/16" hex) connecting arm to spindle to 40 ft-lbs.



## ADJUSTING CAMBER

Provided are a number of shim blocks:  
Thick (~0.8") provides 2 deg of camber  
Medium (~0.4") provides 1 deg of camber  
Thin (~0.2") provides 0.5 deg of camber  
Starting with 2.5 deg of shim blocks will set the arm to equivalent of stock arm.  
Maximum adjustment is +1 deg to -2.5 deg from the stock arm.  
Insert shim blocks as necessary to reach the desired camber setting.  
Tighten bolts (9/16" hex) holding the back of the ball joint block to approx 20 ft-lbs.  
Snug up small allen bolt (3/32" allen) and nut (3/8" hex). This bolt provides double shear support for the ball joint block when a lot of shim blocks are used.

### **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.*