Setting the Rod End

Tools Required

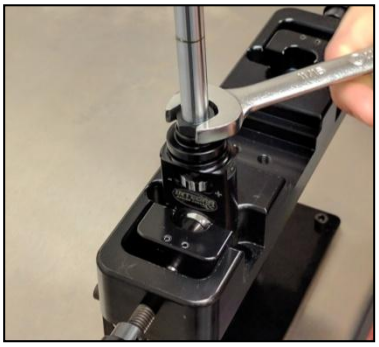
1. For 1/2" Shaft:
    a. 11/16" Wrench
2. For 5/8" Shaft:
    a. 3/4" Wrench

Components

1. Shock with 310 9003X style rod end (integral adjuster shaft)
2. Desired bump stop package

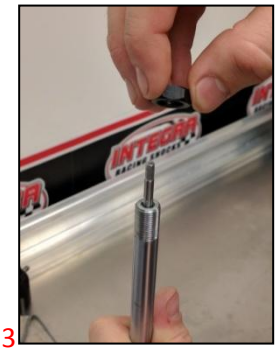
Instructions

1. Place shock in vise so that the rod end is clamped in firmly with the shaft pointing up towards the body. Using the appropriate wrench (see Tools Required), loosen the jam nut as seen in Figure 1.

Figure 1 

2. Remove the shock from the shock vise. Unscrew the rod end all the way off. The adjuster knob will fall out once the rod end is removed completely. Then remove the jam nut. These procedures are shown in Figures 2 and 3.

Figure 2 

Figure 3 

3. Install bump stop package and replace the jam nut, screwing it all the way down to the base of the threads (Figures 4 and 5).

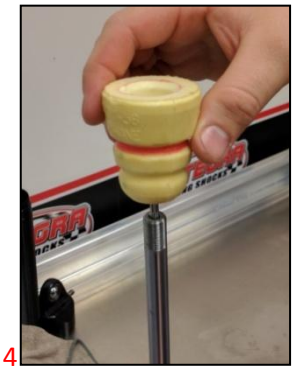
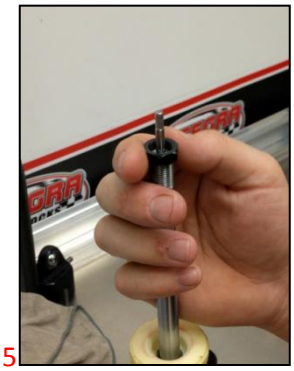
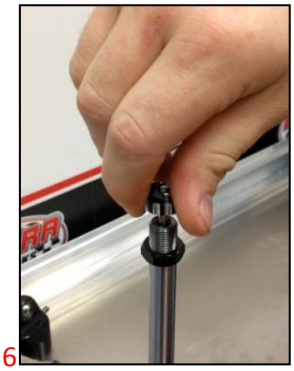
Figure 4 

Figure 5 

4. Using the adjuster knob, turn the adjuster shaft clockwise as shown in Figure 6 until the shaft stops turning. Do NOT over tighten the adjuster shaft as it may cause damage to the internal seat of the adjuster. Remove the adjuster knob once this step is completed.

Figure 6 

5. Replace the rod end on to the end of the shaft. Screw the rod end on to the shaft until about an 1/8" of the adjuster shaft is protruding into the opening in the rod end as shown in Figure 7. Orient the end such that the flat portion of the hex on the adjuster shaft is pointing at towards you.

Figure 7 

6. Line up the hex inside the adjuster knob with the hex on the adjuster shaft. There should be enough room in the rod end opening to slide the knob into the opening and then fall into place on the adjuster shaft (Figure 8).

Figure 8

7. Finishing screwing the rod end down until it stops on the jam nut as shown in Figure 9.

Figure 9

8. Place the shock back in the vise and tighten down the jam nut (Figure 10).

Figure 10