## PART NO. 67410

### Instruction Sheet HYUNDAI/KIA ADJUSTABLE REAR EZ ARM™

This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.

### Plan Ahead - Read All Instructions <u>BEFORE</u> installing part.

- 1. Before beginning any alignment always check for loose or worn parts, proper tire pressure, and odd tire wear patterns. Determine the amount of camber change needed.
- 2. Raise rear of vehicle and support the rear lower control arm. Remove rear wheel and tire assembly.
- 3. Remove inner and outer bolts of rearward original arm link and remove it.
- Adjust new #67410 EZ Arm to approximately same length as original arm. Note: Ensure that the threaded portion of both rods are equal length when presetting EZ Arm.
- Install new arm with turnbuckle adjuster biased toward tire; place centered bushing on short end into clevis on knuckle; orient offset-sleeved bushing on long end with longer side toward the front of vehicle to provide adequate arm clearance to subframe flange.

Note: Incorrect orientation may cause frame contact and/or may not fit into knuckle.

- 6. Replace wheel and tire assembly. Load suspension to normal ride height and tighten both bolts to manufacturer's specifications. Install alignment equipment and re-compensate
- 7. Adjust camber by loosening jam nuts and turning center piece to desired camber specification. Adjust toe to specifications.

# Note: The maximum length of the arm is reached when the flat on either rod becomes visible at the end of turnbuckle adjuster. DO NOT lengthen arm beyond this point.

#### Always check for proper clearance between suspension components and other components of the vehicle.

- 8. After adjustment is complete tighten jam nuts against turnbuckle adjuster.
- 9. Complete vehicle alignment and road test vehicle.

Note: Camber change is limited by the amount of toe adjustment available. If additional camber is needed the toe range can be extended by installing the supplied toe cam bolt and elongating the frame slot. This bolt has more offset to increase rear toe range.

### Toe Cam Bolt Instructions (if needed)

- 1. Support vehicle under rear lower control arm.
- 2. Remove existing toe cam bolt at inner end of arm. Lower arm out of the way.
- Using supplied template, mark on both sides of frame bracket the amount to elongate the existing hole. Using #85130 rotary file set or equivalent elongate hole to marks.
- 4. Check to make sure hole is the right size by placing the new bolt with cam into hole, it should rotate 360 degrees.
- Reinstall control arm and install bolt with a cam on either side. Install locknut and tighten slightly.
- 6. Readjust toe and camber to specifications.
- 7. Complete vehicle alignment and road test vehicle.





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