



# WK2 JEEP GRAND CHEROKEE STRUT ASSEMBLY

**Installation  
Instructions**  
Part No. 12735GR

*It is recommended the following procedure be conducted by an experienced mechanic or Ironman 4x4 distributor.*

*Warranty will be voided by damage or failure caused by incorrect procedure.  
Before proceeding please fully read instructions and ensure that necessary tools are on hand.*

*Always wear personal safety protection ie. Safety glasses and gloves to prevent injury.*

## **Tools & Equipment**

- Grinder with a cutting disk
- 21mm ring spanner
- Loctite™ 246 Threadlocker
- 10mm, 13mm and 24mm deep sockets
- Ratchet
- Hammer
- Personal Safety Equipment

## **Original Strut Removal:**

*Remove the original strut assembly in the following order:*

- 1.** Disconnect the upper control arm from the ball joint, the brake line bracket from the chassis rail and remove the sway bar links on both sides of the vehicle.
- 2.** Cut through one leg of the lower strut clevis taking care not to cut any of the brake or ABS lines, then remove the lower strut mounting bolt and upper mounting nuts. Remove strut assembly from the vehicle.

(Always wear personal safety equipment).

- 3.** When disassembling and assembling strut assembly use extreme caution, as the compressed spring stores massive amounts of energy. Only high quality strut compressors should be used to compress coil spring before removing centre rod nut.



Illustration  
purpose only



## **Ironman 4x4 Strut Installation:**

*Install the Ironman 4x4 strut assembly in the following order:*

- 4.** Start the installation by placing the strut clevis into position over the driveshaft, with the curved side facing outwards. **Do not install the bolt at this stage.**



- 5.** Apply threadlocker to the upper portion of the thread, then ensure locking ring is wound up fully.

Place the strut assembly into position and align the lower thread with the clevis, apply threadlocker to lower portion of the thread then screw the strut into the clevis **all the way**.



- 6.** Raise the strut assembly up, then fit the upper mount nuts and tighten to manufacturers specifications.

- 7.** Install lower clevis bolt (**do not tighten at this stage**).

Using the C-spanner provided, tighten the locking ring down firmly by hand to prevent loosening of clevis.

Install the supplied M10 bolt to underside of clevis using threadlocker applied to the thread and tighten.



- 8.** Re-attach the upper control arm and brake line bracket. (refit the sway bar links only after both struts have been installed).

Refit the wheels, lower the vehicle to the ground and tighten the lower mount bolt to 214Nm.

Check all components for clearance and tension of all fasteners.

