

# Fitting Instructions #TRC465IS

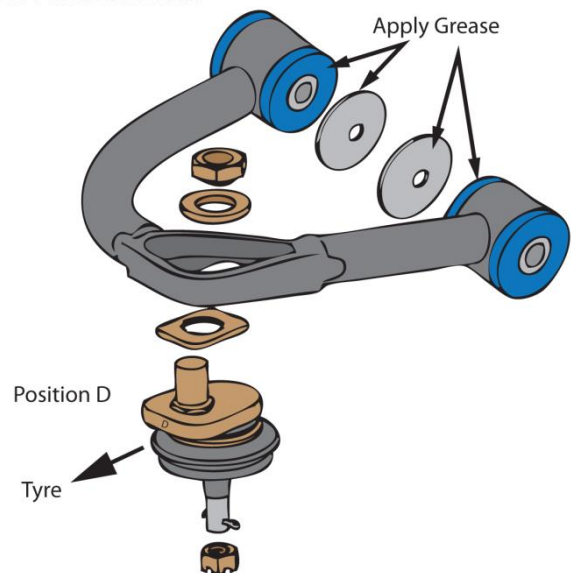
## Toyota Landcruiser 200 Series

### Adjustable Upper Control Arm (Front)



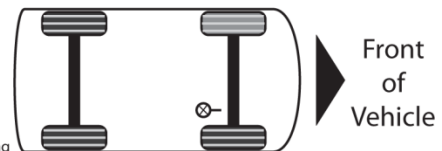
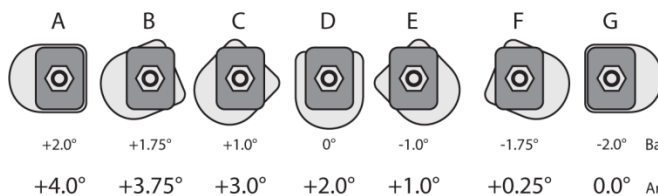
- Before starting the job, check and replace any loose or worn part;
- With the vehicle on jack stands/hoist, remove front tyre, wheel assemblies and the bolt holding ABS wiring from upper arm;
- Remove cotter pin holding OEM balljoint to spindle and then the balljoint. Support the spindle to avoid any strain on the ABS wiring or brake lines.
- Remove control arms;
- Using the supplied grease, liberally coat the bush flanges that touch the washers as shown in the illustration;
- Install the new control arm placing the new supplied washers to the inside of the bushes as shown. Reuse the OE outer washers, bolts and nuts and tighten. See special note below;
- Install the star plate over the hex on the balljoint;
- Insert the balljoint up through the bottom of the arm, indexing the star plate in the machined slot and then the top washer and nut. Position in the middle of the slot and tighten nut for initial alignment readings;
- Insert the balljoint stud into the spindle, add the supplied castle nut and torque to 61Nm (45ft-lb). Tighten further until the supplied cotter can be installed;
- Re-attach the ABS wiring bracket, and reinstall the tyre and wheel assembly;
- Adjust the camber by loosening the top nut and sliding the balljoint in the control arm slot;
- Adjust caster by loosening the top nut and repositioning the star plate to rotate the balljoint relative to the arm;
- When all the settings are defined, torque the top balljoint nut to 203Nm (150ft-lb).

LEFT HAND SIDE ARM



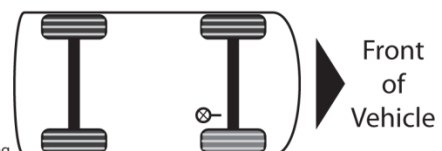
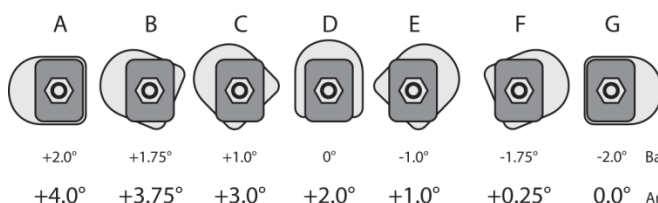
**Special Note:** Upper control arm main bolts must be tightened to manufacturer's specifications with vehicle sitting at the ride height.

#### LEFT FRONT CASTER CHANGE



Ball Joint Setting  
Arm + Ball Joint Caster Change

#### RIGHT FRONT CASTER CHANGE



Ball Joint Setting  
Arm + Ball Joint Caster Change