

# Fitting Instructions #TRC1016

Toyota Landcruiser

Radius arm kit to suit 2 & 3" (50 & 75mm) lift in 75, 76, 78, 79, 80 & 105 series Landcruiser

**SuperPro**  
Suspension Parts

Revision: D

Date: 10/06/2020

- Wheel-align the vehicle before the job is started and note settings;
- Recommend using a 4 post hoist or removing the arms while vehicle is on the ground, using a bottle jack, or similar, to stop the differential from twisting;
- Remove old radius arms from vehicle one at a time, installing new arm before taking other arm off the car;
- **Note hand tighten only the 4 off mounting bolts that locate the diff as these will need to be fully tightened at normal ride height**

- Recommendation for 75, 76, 78, 79 series



- Recommend using concentric tubes supplied (SPF0440T)
- Using the grease supplied, apply grease to concentric inner tube, SPF0440T and to bore of the Poly bush at the rear of the arm;
- Press the SPF0440T into each arm;

- Recommendation for 80 series



- Recommend using offset tubes supplied (SPF0440XT) to gain the setback required.
- Using the grease supplied, apply grease to SPF0440XT and to bore of the Poly bush at the rear of the arm;



Figure 1

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Toyota Landcruiser

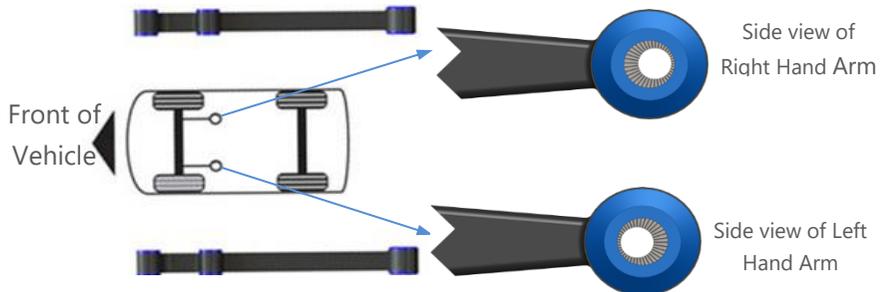
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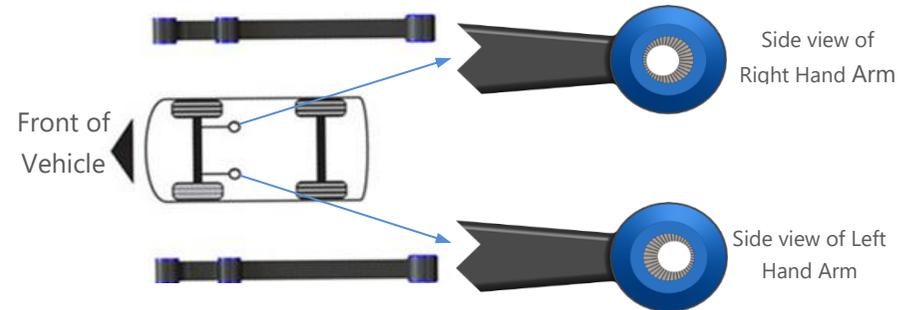
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## 80 series set back - LHD



## 80 series set back - RHD



- Recommendation for 105 series
  - Recommend using concentric tubes supplied (SPF0440T)
  - Using the grease supplied, apply grease to concentric inner tube, SPF0440T and to bore of the Poly bush at the rear of the arm;
  - Press the SPF0440T into each arm;
- Replace the old radius arm with TRC1016 arms from Superpro kit to the vehicle and hand tighten only at this stage.
- Repeat above process for other arm;
- At normal ride height release and retighten the 4 off mounting bolts that mount the arms too the diff and torque too 172 Nm

### **Important: failure to do this can lead to early bushing failure**

Tighten the 2 off rear mounting bolts to 172 Nm

- Carry out wheel alignment;
- **\*\* Important notes \*\*\***
  - If further adjustment is required, using the steps above, remove arms and install offset tubes (SPF0440XT) to allow further adjustment
  - In our test vehicles we were able to achieve a 4° change in caster for a 2" (50mm) lift and 2.5° change in caster for 3" (75mm) lift
  - All centre holes on SPF0440T and SPF0440XT tubes need to be in the same horizontal plane in left and right arms.