

# Fitting Instructions #TRC1216

Toyota Landcruiser

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

Note: THESE INSTRUCTIONS SUIT BOTH TRC1216 ARMS AND TRC1217 CURVED ARMS FOR 2016-ON 79 SERIES LANDCRUISER



Revision: A  
Date: 04/12/2023

- 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 TRC1216 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;
- Press the SPF0440XT into each arm as per Figure 2 & Figure 3. **Please note settings for LHD and RHD vehicles are different**

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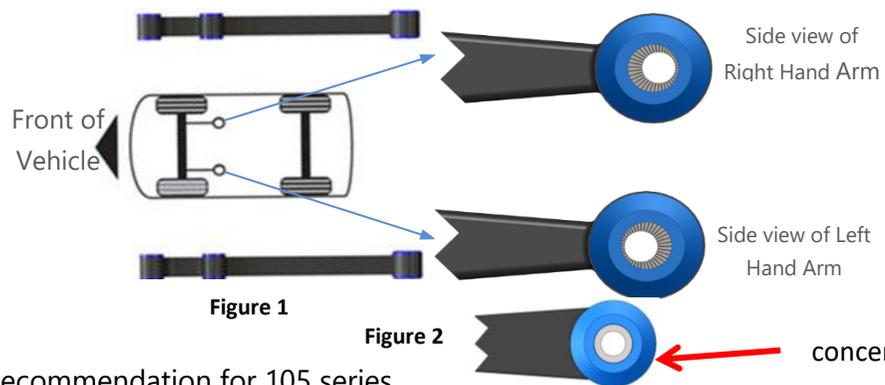
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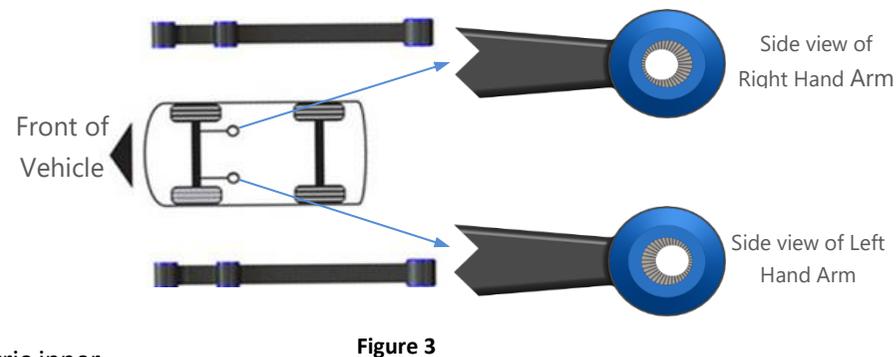
**Superpro**  
Suspension Parts

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## 80 series set back - LHD



## 80 series set back - RHD



### o 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;

- o Replace the old radius arm with TRC1216 arms from Superpro kit to the vehicle and hand tighten only at this stage.
- o Repeat above process for other arm;
- o 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

- o Carry out wheel alignment;

### o **\*\* 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 an approximate 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.

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**Superpro**  
Suspension Parts

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- **Note for 2016 and onwards models for 70 series vehicles, there will be a left and right hand version due to arm curvature**