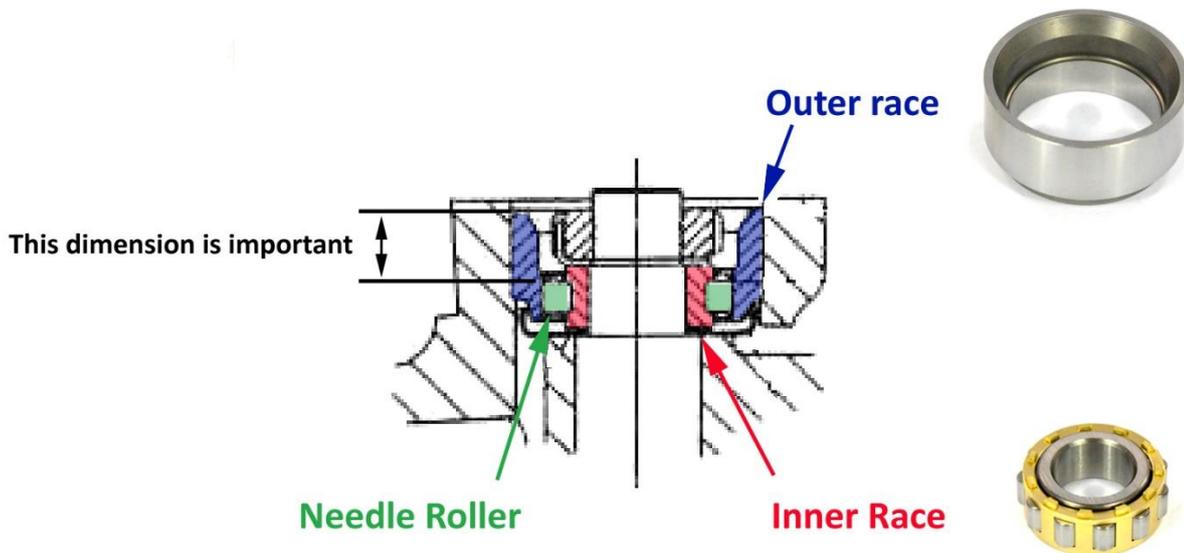




## Fitting Instructions to accompany GB2620-X Upper Bearing Assembly and R7269KIT-X King Pin Kit (containing GB2620-X)

The vertical position of the inner bearing race assembly is determined by a measurement taken from the top of the outer bearing race to the top of the needle roller using a small depth gauge, once the outer race is fully home. This is important, as it ensures that the rollers in the inner race are in full contact with the bearing surface in the outer race.



*The top of the outer race must be fully home against the lip inside the stub axle before this dimension is measured.*

There are two types of GB2620-X bearing race in circulation. The original bearings were equipped with needle rollers that were 0.22" (5.5 mm) in height. Later designs include rollers that are 0.27" (6.97 mm) in height. Provided the adjustment parameters are followed, there is no significant difference in the efficacy in either type.

### **For bearings with 0.22" (5.5 mm) Rollers:**

The dimension from the top of the outer race to the top of the needle roller should be 0.430-0.480" (10.9-12.2 mm). If this dimension is 0.481-0.515" (12.2-13.0 mm), one 0.040" (1.0 mm) adjusting washer should be added between the oil trough and inner race. If this dimension exceeds 0.515" (13.0 mm) two adjusting washers should be added.

### **For bearings with 0.27" (7 mm) Rollers:**

The dimension from the top of the should be between 0.402-0.453 (10.2-11.5 mm). If the dimension is 0.454-0.484" (11.6-12.3 mm), one 0.040" (1.0 mm) adjusting washer should be added between the oil trough and inner race. If this dimension exceeds 0.484" (12.3 mm) two adjusting washers should be added.