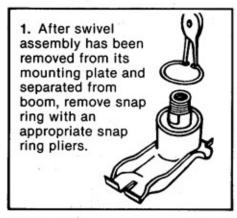
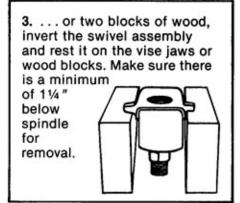


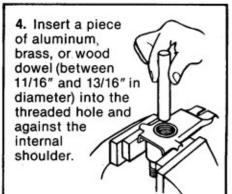
MODEL 204 SWIVEL ASSEMBLY

MAJOR SERVICE INSTRUCTIONS





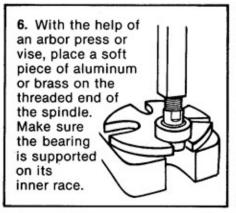






Note:

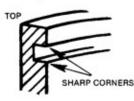
Be careful not to nick the internal sides of the 7/8" diameter hole in the spindle. This is a sealing surface. Scratches and nicks could result in leaking when put into service.



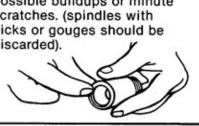




 Check snap ring groove for cleanliness and sharp corners (a groove with rounded corners should be discarded).



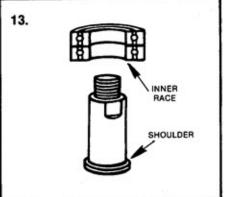
10. Inspect the inside diameter of spindle for nicks or scratches. Fine sand-paper will remove any possible buildups or minute scratches. (spindles with nicks or gouges should be discarded).





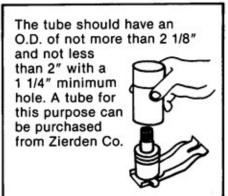
MODEL 204 MAJOR SERVICE INSTRUCTIONS (continued)

12. The bearings may be put on any way, however, press the bearing on far enough so that the inner race will rest firmly on the shoulder of the spindle.





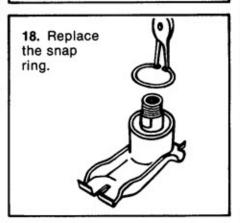
15. If inside of housing is clean and the bearings started straight, the bearing and spindle assembly should just slip in. If not, the use of a tube to push on the bearings outer race will ease installation.



16. Lightly tap the bearing and spindle assembly into the housing if it does not slide in by hand.



17. Place the bearing retaining ring over the spindle and on the bearing, raised side up.



CAUTION:

The snap ring must be seated properly in its groove or the boom will separate from the swivel when pressure is applied, causing possible property damage and personal injury.

CAUTION:

Check that the snap ring is seated by tapping the ring with a punch all around its perimeter — lightly.





THE ZIERDEN COMPANY