



Installation Instructions

#X2435 Wheel Bearing Setup Tool



Tools Required

1. 0-150 lbs. Torque Wrench
2. 3/4" Open End Wrench
3. 1 1/8" Socket
4. Dial Indicator

The purpose of this tool is to set up the end play of the spindle in the spindle support housing before final installation.



1. Install the new inner and outer bearing races from kit #2420 in the spindle support housing.

2. Place the outer bearing onto the large shoulder of the set up tool with the taper facing inward. Kit #X2476 contains one tubular spacer & nine shims. Measuring from .096" thru .145" and .006" increments.

3. Place the tubular spacer with the large end against the outer bearing.

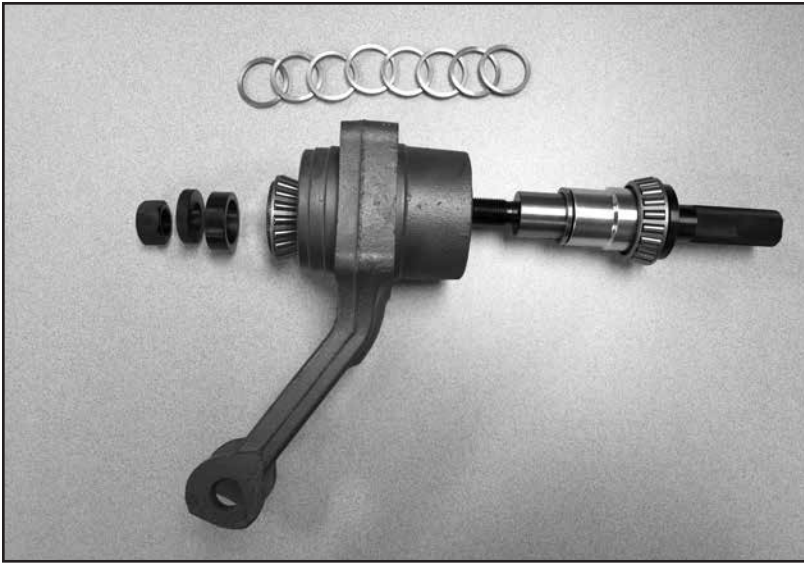
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4. Assemble the spindle outer bearing tubular spacer and a .145" shim over the setup tool next to the tubular spacer.



5. Place the tool into the spindle support & install the inner bearing, black spacer, large washer & nut.

6. Torque the nut to 100 ft. pounds. The assembly should rotate freely in the support housing. Measure the end play with a dial indicator.

End play should exist between .001" & not exceed .007". Note the size of the shim used. If the dial indicator reading obtained exceeds .007" select a thinner shim by the amount needed to bring the end play within the upper limit.

If the dial indicator reading was less than .001" select a thicker shim to bring the movement within its limit.

Shims furnished range in thickness from .096" thru .145" in .006" increments.

Example: Bearing end play = .011" which is .004" over the limit.

Bearing shim in use is = .145"

New shim installed = .139" which is .006" smaller. End play is now reduced by .006" and is .005" which is within the .001" - .007" limit.

7. Remove bearings, spacer & shim from the tool. The tolerance is now set for final assembly.

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