

Bearing Press Method-

Tools

5mm hex key

Axle tool

Bearing Press compatible with 6903 spacers [Fig.1]

1. Remove both drive and non-drive side endcaps with a 5mm hex key and axle tool.
2. Remove the free hub body from the hub.
3. Use 6903 bearing press spacers to fully seat the hub shell bearings.[Fig.2]

Note: If the back and forth axle play has been eliminated, the bearings are properly set.

Socket Method-

Tools

Shop towels

Appropriate sized socket per 6903 bearing

Rubber Mallet

Vise

5mm hex key

Note: The socket size must fall between the bearing shell thicknesses. If the socket is too small it may be possible to damage the bearing.

Part I

1. Remove the non-drive end cap.
2. Place a shop rag on a shop work bench and balance the wheel on its drive side endcap.
3. Using the appropriately sized socket, lightly tap in the non-drive side bearing with a rubber mallet until it's fully set.
4. At the drive side cap, check for axle play. If there is no back and forth play, the bearings are fully seated. If there still is back and forth axle play, trying tapping the non-drive side bearing in once more. If you encounter play after the second attempt, move on to **part II**.

Part II

1. Remove the drive side endcap with a 5mm hex key and an axle tool.
 2. Remove the free hub body.
 3. Remove the non-drive side bearing by tapping on the drive side of the axle with a rubber mallet.
 4. Set the drive side bearing with an appropriately sized socket. [Fig.3]
 5. Insert the axle/non-drive side bearing and rest on a vise, utilizing a shop towel to prevent hub shell scratches. [Fig.4]
- Note:** Do not clamp down the axle in the vise.
6. Lightly tap in the non-drive side bearing until it's fully set.
 7. Properly set bearings will eliminate all axle play and you may rebuild the hub.

Fig. 1



Fig. 2



Fig. 3



Fig. 4



Please contact our customer support with any questions relating to this procedure.

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