

A.B.S. Exciter Ring Installation

Gunite A.B.S. service hubs do not have an exciter ring installed on the hub. The exciter ring must be ordered separately and installed on the hub before installation of the hub onto the axle. To find the correct exciter ring part number and ordering information, refer to the Gunite Fleet Line Catalog under Service Hardware and locate the correct hub part number and application. Exciter rings are made of a special material and require a specific installation procedure for proper installation. Following the procedure outlined in this service bulletin will allow easy and trouble-free installation.

CAUTION: When installing an A.B.S. system, special A.B.S. hubs must be ordered. Machining of older hubs to accommodate the installation of exciter rings can cause problems due to insufficient hub bore wall thickness. Machining an older hub with insufficient hub bore wall thickness could result in cracking, causing bearing and possibly wheel loss.

STEP 1

Heat the exciter ring by submerging it in boiling water or placing it in an oven at 250 degrees for approximately 15 minutes. **DO NOT ATTEMPT TO HEAT THE EXCITER RING WITH A TORCH AS THIS CAN DAMAGE THE RING AND CAUSE IMPROPER INSTALLATION.**



STEP 2

Using pliers, remove the exciter ring from the boiling water or oven and center it on the machined area of the hub bore.



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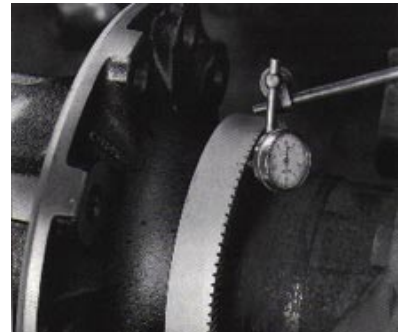
STEP 3

While the exciter ring is still hot, make sure that it is properly centered on the machined surface. Using a rubber mallet, tap the exciter ring until it bottoms out around the machined surface on the hub.



STEP 4

Check the hub to make sure that the exciter ring is properly installed. To do this, install the hub on the axle and place a dial indicator with a magnetic base so the dial indicator is against the exciter teeth.



STEP 5

Rotate the hub to check the exciter teeth runout. The runout should be less than .005.

