

Volume 5

February 2006

It's Better With a Funnel!

Rebushing a Hendrickson ULTRA ROD® PLUS™ torque rod with the new “Bonded Bushing” is now easier with the use of a new funnel tool. To order funnel tool Part no. 66086-000, contact your local truck dealer or authorized Hendrickson distributor. Below you will find a summary of easy to use step by step instructions.

INSPECTION AND CLEANING

ULTRA ROD PLUS torque rod should be inspected for straightness, wear, or cracks and replaced as necessary.



Clean and inspect the inner diameter of the torque rod end hubs. Break any sharp edges and remove any nicks with an emery cloth or a rotary sander.

ASSEMBLY



Lubricate the inner diameter of the torque rod end hub, the

assembly funnel, and the new rubber bushing with P-80® or vegetable base oil (cooking oil).

CAUTION

DO NOT USE A PETROLEUM OR SOAP BASE LUBRICANT. SUCH LUBRICANTS CAN CAUSE ADVERSE REACTIONS WITH THE BUSHING, SUCH AS DETERIORATION OF THE RUBBER, CAUSING PREMATURE FAILURE.

Support the torque rod end hub on the receiving tool with the end hub of the torque rod centered on the receiving tool.

Place the assembly funnel centered on the torque rod end hub.



Place the torque rod bushing centered in the assembly funnel. The bar pin must have the mounting flats positioned as prior to disassembly.



Press the bar pin through the assembly funnel into torque rod end hub until the rubber clears the assembly funnel.



When pressing in the new bushings overshoot the desired final position by approximately $\frac{3}{16}$ ".



Remove the assembly funnel. Press the bar pin again from the opposite side to center the bar pin within the torque rod end hub. The rubber bushing and the bar pin must be centered within the torque rod end hubs.

Wipe off any excess lubricant. Allow the lubricant a minimum of four hours to dissipate before operating the vehicle.

CAUTION

IF THE TORQUE ROD ASSEMBLY IS NOT ALLOWED THE ALLOTTED TIME FOR THE LUBRICANT TO DISSIPATE, THE BUSHING WILL SLIDE FROM THE TORQUE ROD END HUB. IF THIS OCCURS, THE BUSHING MAY BE DAMAGED AND THE BUSHING WILL THEN NEED TO BE REMOVED AND A NEW BUSHING RE-INSTALLED.

Refer to Hendrickson Publication **59310-028** for further maintenance and safety instructions.

Remember: It's Better With a Funnel — New tooling to rebush ULTRA ROD PLUS torque rods.

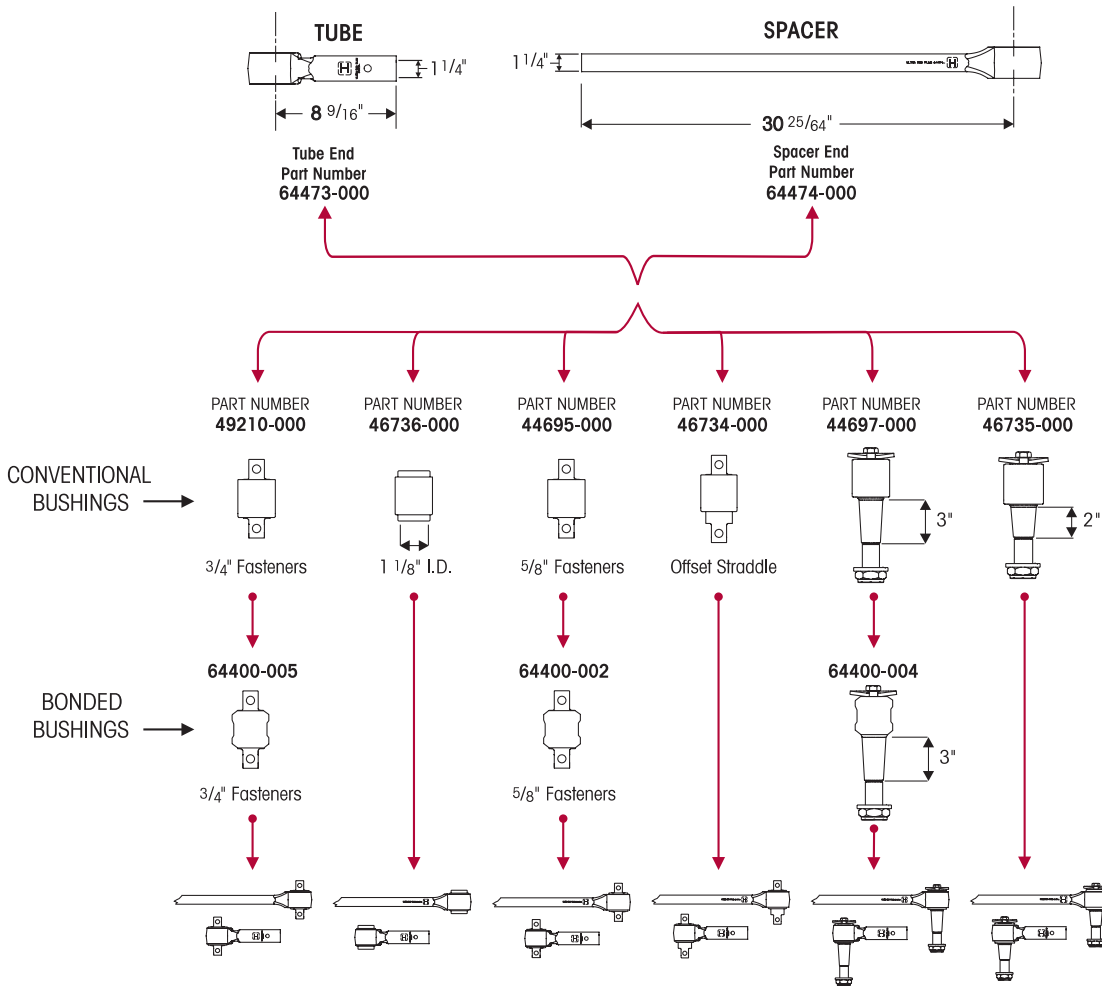
Take it to the Plus!

Hendrickson **ULTRA ROD® PLUS™ TWO-PIECE TORQUE RODS** include all the benefits of the ULTRA ROD, but they also offer added versatility by featuring empty end hubs. Empty end hubs allow the use of any cartridge bushing configuration from existing Hendrickson torque rod cartridge offering. The two-piece design requires stocking only two part numbers, eliminating multiple torque rod inven-

tory to help manage fewer part numbers and increase inventory turns. Reference the chart below to identify what Hendrickson torque rod cartridges can be used with ULTRA ROD PLUS.

Refer to Hendrickson Publication **45745-148**.

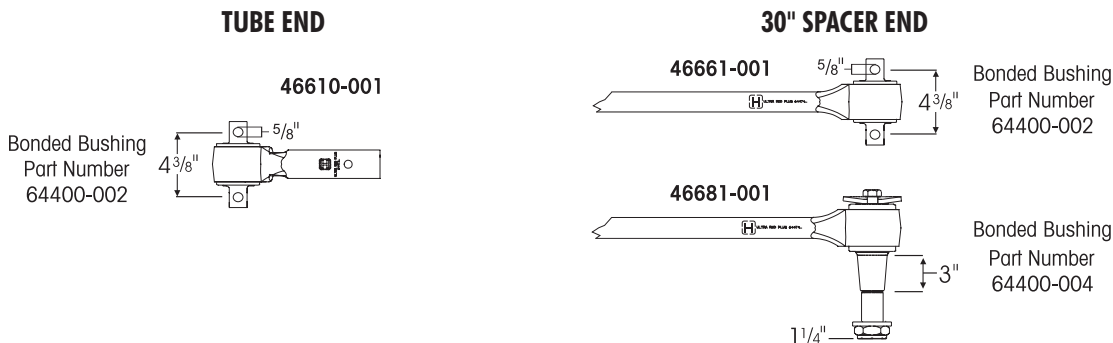
REMEMBER: Take it to the Plus with ULTRA ROD PLUS two-piece torque rods.



Need Bushings too?

ULTRA ROD® PLUS™ TWO-PIECE TORQUE ROD PRE-ASSEMBLED WITH BUSHINGS

Hendrickson offers ULTRA ROD PLUS two-piece torque rod assemblies in the most popular configurations. ULTRA ROD PLUS assemblies utilize bonded bushings for greater life expectancy.



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Genuine Parts

There's only one way to ensure the suspension's original performance — ask for Hendrickson genuine parts by name.

Technical Publications

Technical publications are available on our website at www.hendrickson-intl.com

Technical Assistance

Contact Aftermarket Toll-free 1-877-611-8800 or e-mail techservices@hendrickson-intl.com

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Tech Tips

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