

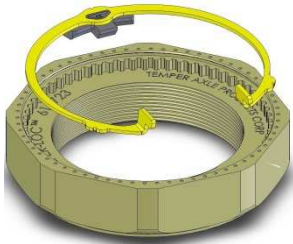
INSTRUCTIONS FOR Temper-Loc INSTALLATION

Be sure you use the correct nut size for the axle!

NUT & RETAINER INSPECTION

Check for bent or otherwise damaged retainer: retaining clip must spring out to both sides of the locknut groove and the key must not be loose. Discard and replace if damaged. Locknuts must not be damaged prior to installation.

ONLY QUALIFIED TECHNICIANS SHOULD ASSEMBLE AND ADJUST TRUCK WHEEL ENDS.



1- REMOVE THE RETAINER

Remove the yellow retainer ring. Disengage the locking tabs from the nut groove by depressing the finger tabs, one at a time. Inspect as described on the reverse page of this instruction sheet.

Save the yellow retainer for re-installation later.

2- INSTALL THE NUT AND SEAT THE BEARING ROLLERS

Thread the nut onto the spindle until it is up against the outer bearing. Tighten to 200 ft-lb torque, while spinning the wheel hub.

Note that at least 200 ft-lb of torque is required in order to properly seat the hub and bearing rollers.

Loosen the nut by turning back ONLY one-half turn.

4- WHEEL BEARING SETTING

We recommend adjusting wheels to preload for best tire and seal performance using Doctor Preload® tools. See instruction videos supplied with the tools. Emergency end play settings may be used using torque procedures (see turn back values for nut adjustment suggested on the reverse side of this sheet). Always evaluate setting accuracy at the earliest opportunity.

ENDPLAY SETTINGS ALWAYS MUST BE MEASURED TO VERIFY THE ADJUSTMENT SETTING ON EVERY WHEEL-END.

5- INSTALL THE RETAINER

After satisfactory adjustment is verified, re-install the yellow retainer. First insert the EasyView center tab into the groove of the nut by holding the retainer at an angle to the nut while engaging the key in the axle keyway. Next, squeeze each end finger tab to engage the notched end tabs into the nut groove, one at a time. The EasyView notches of all three tabs must be completely hidden in the nut groove to be sure of correct retainer engagement. (see photos on reverse page) Check that the EasyView tabs and the locking teeth of the key are fully seated in the nut.

INSPECT THE INSTALLATION:

Failure to inspect installation could result in component failure and bodily injury.

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Leading the world in bearing adjustment technology

---- reverse side Temper-Loc installation

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RETAINER INSTALLATION



Starting center tab



EasyView Tab Engaged



EasyView Tab NOT Engaged



EasyView Tab Engaged

TABLE I QUICK ADJUST FOR EMERGENCY SETTINGS		
After hub is secured with 200 ft-lb torque as in instructions and nut turned back 1/2 turn, retighten to 100 ft-lb while spinning wheel and turn back as follows:		
Spindle Size	TURN BACK AMOUNT	
	Degrees	Approx. turn
TN (Std. Trailer)	66°	1/6 turn
TP (Propar trailer)	44°	1/8 turn
FF (Steer axle)	52°	1/8 turn
R (Drive axle)	84°	1/4 turn