

Authorized Field Change



AFC G-04907

Date: December, 2004

Subject File: FRONT AXLE

Subject: Front Steer Axles, with Code 29WLE, in Certain 4400 Models, Built Between February 3, 2004 and July 27, 2004 Require a Washer Installed Between the Spindle Nut and Bearing

Model: 4400

Start Date: 02/03/2004 End Date: 07/27/2004

Unit Code: 29WLE

PARTS INFORMATION

Table 1

Part Number	Description	Quantity
1663196C1	Hardened Spindle Washer	2

SERVICE PROCEDURE



WARNING – To avoid property damage, personal injury, or death, park the vehicle on a flat level surface, set the parking brake, turn the engine off and chock the rear wheels.



WARNING – Always use floor stands to support the vehicle before working on it. Using only a jack could allow the vehicle to fall resulting in property damage, personal injury, or death.

1. Raise the front axle until the tires are no longer in contact with the floor.
2. Remove the fill plug (Figure 1, Item 5), drain the oil, remove the hub cap and gasket (Figure 1, Item 1).

SERVICE PROCEDURE (CONT.)

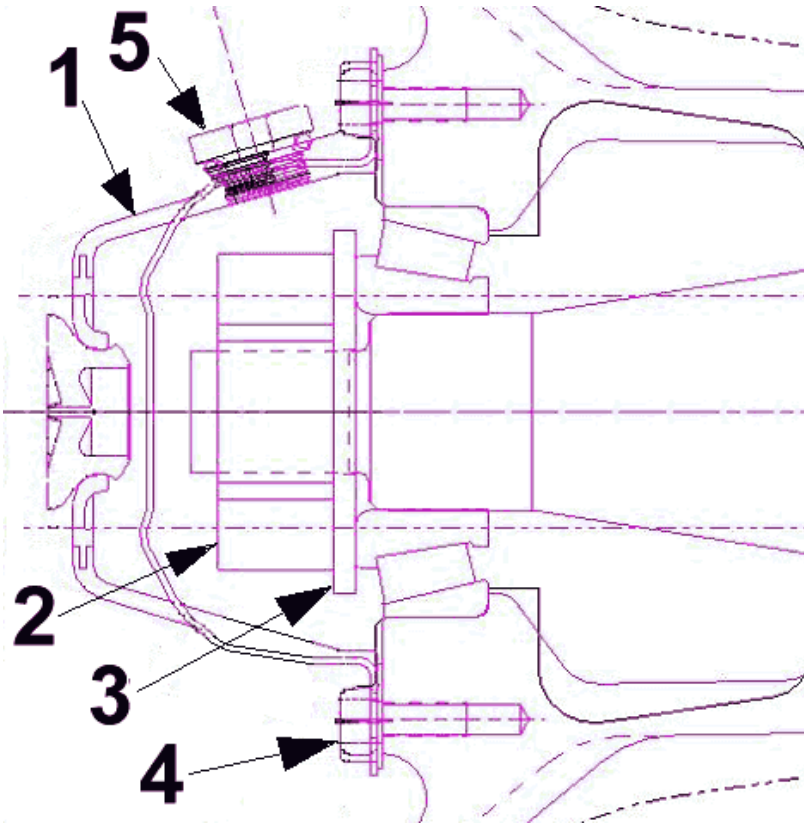


Figure 1 Front Steer Axle Spindle Assembly

1. Hub Cap
 2. PRO-TORQ® Nut Assembly
 3. Spindle Washer
 4. Hub Cap Mounting Screws (6)
 5. Fill Plug
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3. Insert a small screwdriver (Figure 2, Item 3) and carefully remove the nut keeper (Figure 2, Item 1) from the internal groove in the nut.
 4. Remove the nut.

SERVICE PROCEDURE (CONT.)

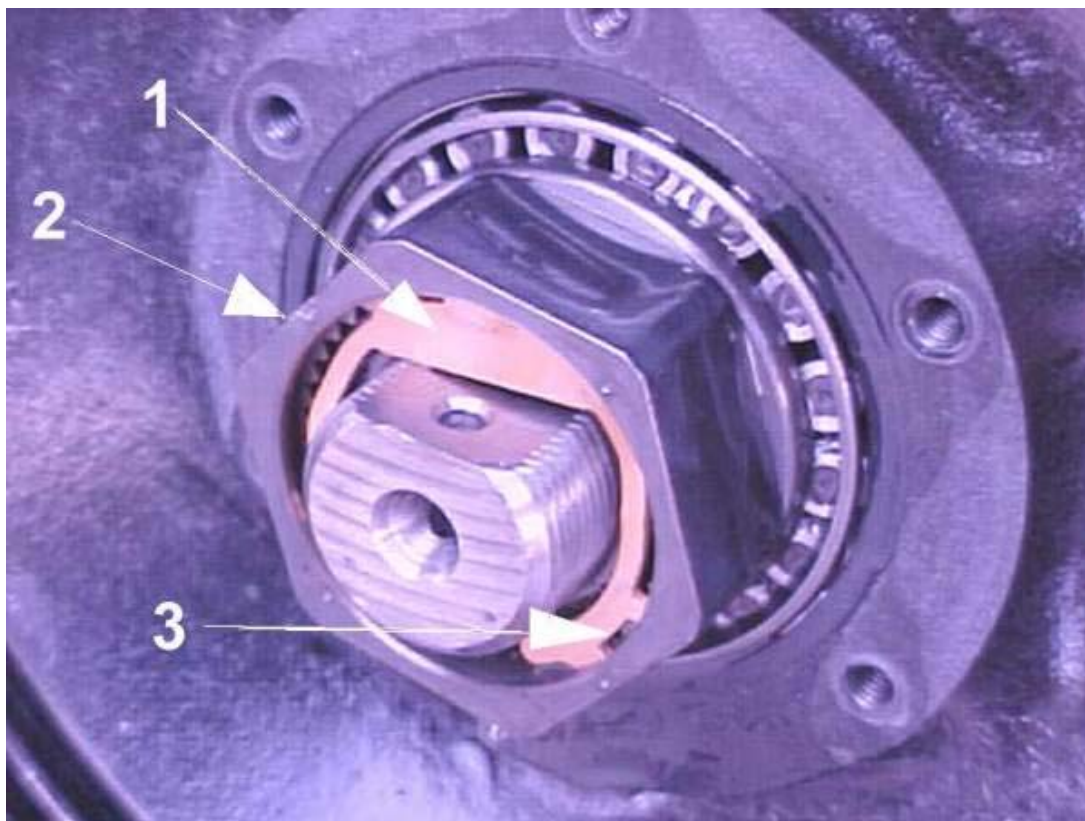


Figure 2 PRO-TORQ® Spindle Nut Assembly

1. Keeper
 2. PRO-TORQ Nut
 3. Pry Here with Small Screwdriver
5. Install washer, Part Number 1663196C1, onto the spindle and against the wheel bearing.
 6. **A.** Reinstall the PRO-TORQ nut and tighten to 180 to 220 Lbf-ft (244 to 298 Nm) while rotating the hub assembly a minimum of one complete revolution.
B. Back off the nut 1/2 turn and re-tighten to 45 to 55 Lbf-ft (61 to 75 Nm).
C. Back off the nut 1/8 turn to achieve a final end play setting of 0.001 to 0.005 inch. End play must be verified with a magnetic base dial indicator.
 7. Reinstall the PRO-TORQ nut keeper making sure it is seated in the internal groove in the nut. If the keeper cannot be fully seated in the groove, do not loosen the nut, but rather tighten the nut a small amount to allow the keeper to be seated.
 8. Reinstall the hub cap and gasket. Tighten the screws to 16 to 20 Lbf-ft (22 to 27 Nm).
 9. Refill the hub cap with EP gear lube of API GL-5 quality to the fill line (0.9 pint) on the hub cap.
 10. Repeat the procedure on the opposite side.

Operation number must appear on all claims.

Table 2 Labor Information

Operation No.	Description	Time
A40-04907-1	Install Steer Axle Spindle Washer on Driver and Passenger Side	1.30 Hrs.

ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number G-04907.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7-1. Special attention should be given to Items 39 through 44.

To assure this important improvement is made in a timely manner, all claims for G-04907 activity must be submitted by December 31, 2005 or within the normal warranty period for the vehicle, if after December 31, 2005.

GROUP	NOUN	C	WARR.	TP	PAD
GROUP Enter number G—					
NOUN Leave blank					
C (CAUSE) Enter either 1, 2, 3. (see below)					
1. Inspected (No repair required).					
2. Inspected and repaired.					
3. Defective part from parts stock.					
WARRANTY (Warranty Code) Enter 40.					
TYPE PART Enter P for type part causing failure.					
PAD Enter 100					

Distribution: All except J-81

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