



WORKHORSE CUSTOM CHASSIS SERVICE BULLETIN

BULLETIN NO: 20801-C

BULLETIN TYPE: Campaign Safety

SUBJECT: Pitman arm castle nut

MODELS: Certain 2006, 2007, and 2008 W42 and W18 models

Workhorse Custom Chassis has determined that a defect which relates to motor vehicle safety may exist in certain W42 series Commercial step-van vehicles and W18 RV chassis.

It is possible that the above models may have had a drag link to pitman arm castle nut stripped from an over-torque condition. If the castle nut is stripped, it can become loose from the drag link stud allowing the drag link to separate from the pitman arm. This will result in a loss of steering control and a possible vehicle crash.

Workhorse Custom Chassis is conducting a safety recall campaign to replace the castle nut and cotter pin on involved vehicles.

VEHICLES INVOLVED

The following W42 and W18 models are involved:

2006 Models VIN 63409765 to 63419767

2007 Models VIN 73417875 to 73429777

2008 Models VIN 83425662 to 83435224

Dealers can check the WOW system to determine if a specific vehicle is involved and if it has been completed. Workhorse Custom Chassis believes that only a small number of vehicles in the VIN ranges may actually have a stripped nut.

OWNER NOTIFICATION

Workhorse Custom Chassis will notify retail owners and body companies regarding this recall campaign. Attached is the owner letter with owner instructions.

DEALER CAMPAIGN RESPONSIBILITY

- 1. WCC dealers must perform this campaign on identified customer vehicles at their request at no charge, regardless of time or vehicle mileage.**
- 2. All dealer stock must be held and repaired before delivery to retail customers. Please note that it is a violation of Federal law for a dealer to deliver a new vehicle covered by this notice under a sale or lease until the defect is remedied. Also, any vehicle lessor receiving this recall notice must forward a copy of the notice to the lessee within ten (10) days.**

SERVICE PROCEDURE

The service procedure for this recall involves replacing the suspect castle nut on all involved units as outlined in the **REPAIR PROCEDURE**.

RECALL CAMPAIGN COMPLETION LABEL

Complete the Recall Campaign Completion Label (Part Number W8001493) and attach it to the air cleaner housing in a visible area. This label is included in the parts kit. Also, these labels are available from the WCC Parts Department.

WARRANTY INFORMATION

Claim Type-----Complete campaign 20801-C
Labor Operation Code-----**T2002**----0.4 hours --- Replace castle nut.
Above times include 0.2 hours administrative time.

PARTS INFORMATION

Parts Kit part number W8006126 contains the following items and is available through normal parts channels.

<u>Part Number</u>	<u>Description</u>
W0007729	Castle nut
W0000701	Cotter pin for castle nut
W8001493	Campaign Completion label

REPAIR PROCEDURE

- 1. Refer to the appropriate Service Repair Manual for general information involving steering system repairs.**
- 2. Remove existing castle nut and cotter pin as shown in graphic below.**
- 3. Check ball joint threads for any metal contamination from the nut and clean as necessary. (The ball threads are very hard material and the castle nut is soft material. A stripped nut will not damage the ball joint threads, but may contaminate the threads.)**
- 4. Install new castle nut and torque to 88 ft-lbs. (120 nM).**
- 5. USE CLICKER WRENCH TO TIGHTEN**
- 6. Install cotter key. If necessary, turn nut clockwise (tighten) until nut slots align with cotter pin hole.**

