

D44 Field Inspection Instructions

Date: 8/17/18	Instruction #: FI20180817-1D
Part Number: 008-407-05	Eng. Drawing Description: (D44) Hub-Drum Assembly
	TCM Description: H-D 4.4k 655, Cups & Studs

Problem: Possible Missing Inner/Outer Bearing Cup (Race)

Background: These are the instructions to use to determine, during a field inspection, if the D44 Hub-Drum Assembly, installed on a trailer, has a missing bearing cup (race).

Instructions:

1. While underneath trailer, look at gap between hub-drum and backing plate in scalloped areas of backing plate. Using supplied $\frac{1}{4}$ " gage, attempt to insert gage between hub – drum and backing plate, in the scalloped area of the backing plate, as shown in figure 1.

Good Part. Gap should be minimum $\frac{1}{4}$ " between hub and backing plate. Gage should fit as shown in figure 1.

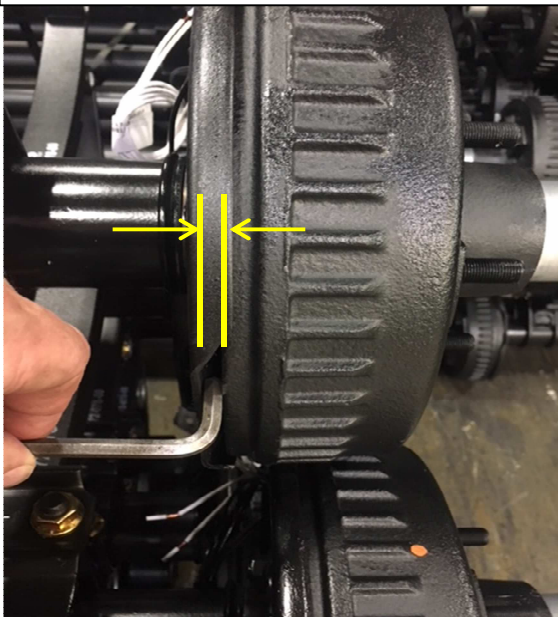


Figure 1

Bad Part. Gap is too small between hub and backing plate. Gage will not fit as shown in figure 2.

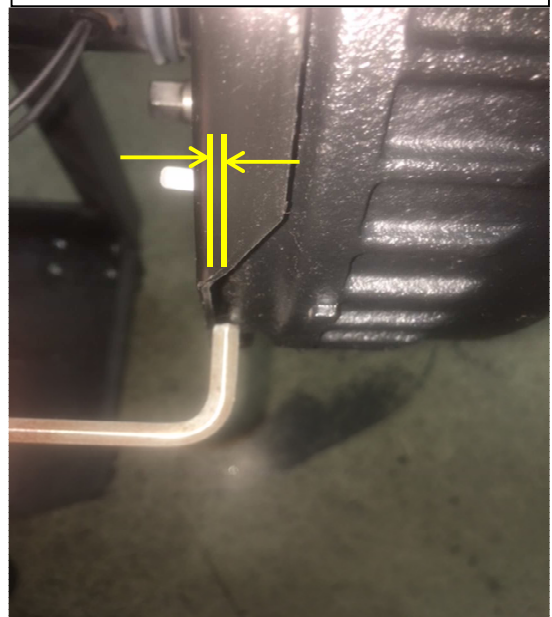


Figure 2

2. Determine if the gage fits (figure 1) or does not fit (figure 2) between backing plate and hub-drum.
3. Perform this measurement on both ends of axle.
4. **Note: if gage does not fit between backing plate and hub-drum, IDENTIFY AXLE TO BE REPLACED WITH A RED TAG AND PROCEED TO NEXT AXLE OR TRAILER.**

5. Repeat steps 1 and 2 on other wheel end.
6. **Note: If axle is correct and no issues have been found place a Dexter sticker as shown in the picture [Figure 3](#) on a location specified by customer.**



7. Complete the form as indicated in the example [Figure 4](#) below. All information is pertinent to a successful completion of the inspection. Ensure the inspection date is listed as well as date of the AXLE DOM you are inspecting. If you have completed an inspection of a lot, submit your containment by
8. email to Aldijana Custovic @ acustovic@dexteraxle.com or 574-400-3788. The form needs to be submitted prior to moving to a different customer or location.

Figure 4

Containment Date:		Inspected by:													
Customer Name & Location:		Check for gap	LH		RH		Check for clip presence	LH		RH		Repaired			
Record Dexter Serial Numbers Below:			good	bad	good	bad		good	bad	good	bad	yes	not req'd		

9. Repeat steps 1 – 7 for all axles on each assigned trailer being checked.