

Service Bulletin

Milestone Equipment Company LLC

Container Chassis Axle Wheel End Inspection

October 2016

SAF-HOLLAND® has identified certain axle assemblies installed on Milestone Equipment Company LLC container chassis that may have drum brake wheel ends with a dragging brake. Dynamometer testing has shown that this condition will definitely not cause a thermal event. However, heavy braking events, before the brake shoes and drums on these chassis are burnished, may result in brakes that drag. Over time this condition will reduce as normal brake wear occurs.

During this phase of the project, all units currently not in service to Milestone Equipment Company LLC with the following range of chassis numbers will be inspected.

Refer to **Table 1** for the range of chassis unit numbers.

This bulletin describes the steps necessary to properly inspect and remedy the axles in question.

For this inspection, SAF-HOLLAND® has agreed to cover 0.5 hour(s) inspection time per axle. Once the inspection procedure is complete, you will need to supply the chassis VIN number, axle serial number, axle part number and date of inspection completion for labor reimbursement **Table 2** (Page 4). For your convenience, a form is provided with all of the required information needed to facilitate the labor reimbursement. Once inspection is completed, please submit all forms to your SAF-HOLLAND® Warranty department. E-mail address is Service@SAFHolland.com for prompt processing. We apologize for any inconvenience this may cause; SAF-HOLLAND® is committed to serving our customers with quality products.

Table 1

CHASSIS UNIT		
UNIT NUMBER RANGES	TRAILER TYPE	UNITS
MCCZ 201000 - 201243	23' 5" Tandem Slider	244
MCCZ 301000 - 301095	33' Slider Tridem Chassis	96
MCCZ 403000 - 403339	40' Standard GN Chassis	340
MCCZ 241000 - 241005	20/40' GN Combo WS	6
MCCZ 341000 - 341032	20/40' GN Tridem Chassis	33
MCCZ 450004 - 450023	40-45' EXT Chassis	20
NAPZ 174251 - 174800	NACPC 40' GN	550
MCHZ 200143 - 200284	23' Slider	142
MCHZ 240061 - 240078	20/40 Combo	18
MCHZ 300327 - 300525	33' Triaxles	199
MCHZ 340043 - 340051	20/40 Combo Tri	9
MCHZ 401081 - 402468	40' GN	1388
MCHZ 500001 - 500044	40' GN Triaxles	44
TOTAL		3089

Model Identification

The location of the axle serial tag is found near the center of the axle (**Figure 1**). The sample tag shown (**Figure 2**) will help you interpret the information on the SAF-HOLLAND®, Inc. serial tag. The part number is on the first line. The axle beam rating is on the second line. The third line contains the serial number.

Inspection procedure

In preparation for this inspection, consult XL-TA100060M-en-US for relevant safety instructions.

Following the steps below perform the inspection on each wheel end assembly:

1. Inspect the lining to drum clearance on the bottom brake shoe with a 0.002" (0.05mm) feeler gage inserted between the lining and drum on both lining segments near the center.
2. If the gap is greater than 0.002" (0.05mm) the clearance is acceptable. No further inspection required.
3. If the gap is less than 0.002" (0.05mm) the wheel end should be lifted so it can be rotated.
4. On a lifted wheel end rotate the tire by hand and check for any dragging. If the dragging exists proceed to step 5. If no dragging is present, no further inspection is required. Go to Step 8.

Figure 1

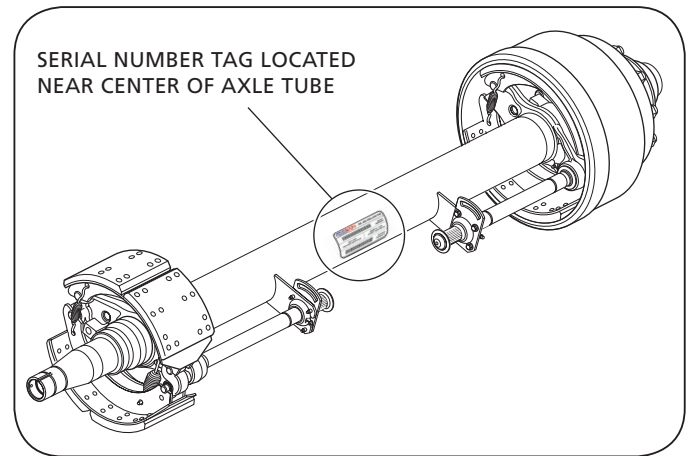


Figure 2

SAF-HOLLAND USA, INC. 	
Axle Body xxxxxxxxxxxxx 	
Model: xxxxxxxxxxxx Axle Beam Rating: xx,xxlbs	Made in China
Serial No.(S) xx xx xxx xxx 	

5. Make the required adjustment to your axle's slack adjuster as follows:
- a. The adjuster must be backed off by rotating the 7/16" adjusting hex counter-clockwise.
 - b. The adjuster must be manually adjusted at this time. Adjust brakes by rotating the 7/16" adjusting hex clockwise until the lining **lightly** contacts the drum (**Figure 3**).
 - c. Back-off the adjuster by rotating adjusting hex counter-clockwise 1/2 turn. A ratcheting sound will occur, which is normal. Never use an impact wrench or internal damage will occur (**Figure 4**).
6. Rotate the tire by hand and check for any dragging. If the dragging exists proceed to step 7. If no dragging is present, no further inspection is required. Go to Step 8.
7. Further re-adjust the slack adjuster like step 5 except rotate the adjusting hex counter clockwise an additional 1/4 turn (3/4 total).
8. Rotate the tire by hand. Ensure brake stroke is within the slack adjuster manufacturer's limit. Prepare to put the trailer back into service. Inspect brakes per the chart below.
9. If further problems exist, contact SAF-HOLLAND® Service and Warranty at 800-767-6967.

Figure 3 (Haldex ASA Shown for Example)



Figure 4 (Haldex ASA Shown for Example)



WHICHEVER OCCURS FIRST		PERIODIC CHECKS		
MILEAGE INTERVALS	AFTER FIRST 3,000 MILES	EVERY 10,000 MILES	EVERY 50,000 MILES	EVERY 100,000 MILES
TIME INTERVALS	AFTER FIRST MONTH	EVERY MONTH	EVERY 6 MONTHS	EVERY 12 MONTHS
VISUAL INSPECTION FOR WEAR/DAMAGE				
Check brake linings for wear.	■	■		
Check S-Camshaft for proper operation.	■	■		
Check brake adjusters for correct function.	■	■		

Table 2

CONTAINER CHASSIS INSPECTION				ROADSIDE				CURBSIDE			
				RECORD THE STEP THAT FIXED THE PROBLEM				RECORD THE STEP THAT FIXED THE PROBLEM			
CHASSIS VIN NUMBER (17 CHARACTERS)	AXLE POSITION	AXLE SERIAL NUMBER	AXLE PART NUMBER	1-2	3-4	5-6	7-8	1-2	3-4	5-6	7-8
	FRONT										
	REAR										
	FRONT										
	REAR										
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