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Coding Information

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Title: Quadraulic Brake Pads**Applies To: DuraStar and Bus Chassis with Quadraulic Brakes**

CHANGE LOG

2015/02/10 - Initial Article Release
2015/02/27 - Added Meritor Extended Warranty and added MA707 extension on 0004WXP 29,800 GVWR. Corrected grammar concerns.

DESCRIPTION

To ensure components are covered under Navistar/Meritor warranty, it is pertinent to follow warranty guidelines below. The following information specifically addresses delamination, crumbling or voids for the Quadralic Brake Caliper system. If any pad is diagnosed with the forementioned concerns, it is necessary to replace components as an axle set, and recommended to use only OEM brake pad kits.

SYMPTOMS

Customer Observations or Concerns:

SPECIAL TOOLS

No special tools necessary for repair

SERVICE PARTS INFORMATION

Kit Description	Part Number	Qty	Notes
Brake Lining Kit MA707	2599722C92	1 set	MA707 have been extended to 0004WXP 29,000GVWR and our recommended for repair procedure

DIAGNOSTIC STEPS

**WARNING:**

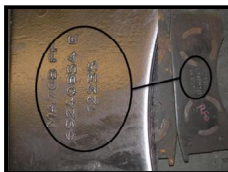
Before you perform any brake service, identify the vehicle's hydraulic system and refer to the service manual for procedures. Some brake application systems are fully-pressurized, and you cannot reduce this pressure by switching off the ignition or removing the battery. To prevent death, serious personal injury or damage to components, you must carefully follow procedures for the hydraulic system you are servicing.

**WARNING:**

To prevent serious eye injury, always wear safe eye protection when you perform vehicle maintenance or service. Park the vehicle on a level surface. Block the wheels to prevent the vehicle from moving. Support the vehicle with safety stands. Do not work under a vehicle supported only by jacks. Jacks can slip and fall over. Serious personal injury and damage to components can result.

CAUTION:

The brake pads must be installed when you apply the brakes. If brake pads are not installed, damage to the pistons can result.

Step	Action	Decision
#1	DIAGNOSTIC: While inspecting the brake linings, is there any delamination, crumbling, or voids noticed? (please refer to Figure 1,2 and 3) <u>Click images to enlarge</u>  Figure 1 Delamination  Figure 2 Crumbling  Figure 3 Voids	Yes. a.Contact Meritor OnTrac to open case. b.Provide OnTrac with an image of the brake pad exhibiting the delamination and crumbling condition. (refer to figure 1, 2 and 3) NOTE: All images must include the chassis number (last 8 of Vin) in the actual pictures provided to OnTrac. c.Provide and Image of the batch code data stamped on the metal backing plate.(refer to figure 4)  Figure 4 click to enlarge No. If No part defects are found but experiencing rapid linings wear please refer to iKNow IK1300085

REPAIR STEPS

NOTE: Service brake with OEM MA707 approved kit. The brake pad service kits will include linings, wear plates, pad retainer spring and related fasteners. Use all components in the service kit. Always service pads as an axle set, never individually.

1. Install New wear plates (clean wear plate surface before installing)
2. Install new brake pads- Verify pads move freely before installing the pad retainer
3. If the brake pads do not move freely, then contact Meritor OnTrac for further direction

WARRANTY INFORMATION

Warranty Claim Coding:

Group: 04028 - Full Power Brakes, Hydraulic

Noun: **326 - Shoe/Lining or Pad**

Extended Warranty:

Meritor has extended their warranty policy for an additional year after OEM coverage. The additional year will only cover parts, not labor. If a brake defect is found please contact OnTrac to file directly through Meritor.

Standard Repair Time(s):

Step	Description	Chassis	Engine	SRT	Hours
	Bleed System Perform	BE/CE Bus	All	GY04-7889A	0.5
	Front Axle Pad Replacement	BE/CE Bus	All	G04-3001A	0.9
	Rear Axle Pad Replacement	BE/CE Bus	All	G04-3002A	0.9
	Bleed System Perform	4000 Models	All	KL04-7889A	0.5
	Front Axle Pad Replacement	4100	All	J04-3001A	0.9
	Rear Axle Pad Replacement	4100	All	J04-3002A	0.9
	Front Axle Pad Replacement	4300	All	K04-3001A	0.9
	Rear Axle Pad Replacement	4300	All	K04-3002A	0.9

Special Requirement(s):

1. Clear images of brake pad defect and batch code located on backing plate are required for warranty approval. Refer to figures 1-4 in diagnostic section of this article.
2. All Images must clearly show condition. Please Review all images before submitting to verify the case condition is clearly visible.

Non Warrantable Condition(s):

1. Non- Meritor OE brake Pads.
2. Linings that do not exhibit the condition noted.
3. Linings with impact damage.
4. Linings with corrosion.
5. Linings with uneven wear without proper diagnostics. Please refer to iKNow [IK1300085](#).
6. Linings with radial cracks on friction surface. (excessive heat generation)

OTHER RESOURCES

[Quadraulic Brake Service Manual](#)
[Meritor Warranty 2014](#)
[OnTrac pre-call worksheet.](#)

[Master Service Information Site](#)

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