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| Availability: | ISIS, Bus ISIS, FleetISIS, Body Builder | Revision: | 5 |
| Major System: | BRAKES | Created: | 5/19/2011 |
| Current Language: | English | Last Modified: | 6/9/2014 |
| Other Languages: | NONE | Author: | James Santos |
| Viewed: | 1150 | | |

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Coding Information

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Title: Wabco FPB/ Quadraulic Brake Lining Replacement and uneven wear

Applies To: CE, BE, Durastar

CHANGE LOG

Dealers: Please refer to the change log text box below for recent changes to this article:

6/5/2014 - Added inspection steps and Meritor PreCall work sheet to expedite warranty process.
6/6/2014 - Added SRT times for Quadraulic pad replacement and bleed procedure. Also added Meritor Warranty guide for 2014

DESCRIPTION

During service of FPB Quadraulic Caliper Brake Linings and for uneven lining wear **greater than 1/4"** between inner and outer pad on the same wheel end it is recommended to use OEM material , MA707 or MA708 (based on GVWR / application, see parts by vin), and service **must** include replacement of the wear plates and retainer anti-rattle spring. Both sides will need to be serviced at the same time (service by axle). Clean plate mating surfaces prior to installation.

INSPECTION STEPS

OnTrac must be notified of any caliper/pad wear issue (even under \$150).

Phone: 1-866-OnTrac1 (1-866-668-7221) Fax: 1-248-435-5580 E-Mail: OnTrac@Meritor.com

[Before contacting OnTrac, please obtain the following information. Send photos using e-mail in proper format – limit total file size to 5MB.](#)

NOTE

The caliper is in the wheel and not easily seen thru hand holes or from the underside of the vehicle.

1. Record general OnTrac or Navistar claim data:

VIN, in-service date, mileage – or complete [OnTrac pre-call worksheet](#).

2. Why is the unit in for service/what is the driver's concern? Was there any performance issue? Is the ABS light on?

3. Has the unit been serviced prior to this event? If so, what type of service and when?

4. Record wheel end location reported having issue (Right/Left, Front/Rear, RF=right front). Is the concern evident at other wheel ends?

5. After wheel has been removed, take a photo of the caliper assembly mounted "As Is".

6. Remove brake pad retainer. Take photos of the caliper with the pads installed to show wear condition of the pads by position (inboard/outboard brake pads).
7. Report condition of the wear plates (clean, worn, corrosion, material build up). The wear plate is a stamped stainless steel plate that the brake pads seat against and slide on.
8. Use a .002" feeler gage and check the clearance between the brake pad backing plate and the wear plate. Confirm a gap exists for the full length of the brake pad backing plate and wear plate. Check both ends of both pads. Record gap or note any clearance issue.
9. Check to see if the brake pads move freely in the caliper.
10. Remove pads and label when removing. Example label scheme LFI = Left Front Inboard (Left/Right, Front/Rear, Inboard/Outboard). Note if the pads were removed easily or what was required to remove the pads.

WARNING

– DO NOT APPLY BRAKES WITH PADS REMOVED.

11. Take photos of the brake pad friction surface and rotor friction surface (both sides, labeled inboard and outboard).
12. Record all three lines of text stamped on the brake pad backing plate as shown below:



13. Record the 5 digit code etched on the wear plate as shown below:



PARTS INFORMATION

A revised brake lining kit will now include wear plate hardware

| Part # | Description | Qty. |
|------------|---|-------|
| 2599723C92 | Brake Lining Kit MA708 GVWR of 28K or greater | 1 set |
| 2599722C92 | Brake Lining kit MA707 GVWR less than 28K | 1 set |

STANDARD REPAIR TIMES

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

Other Resources

[Quadraulic Brake Service Manual](#)

[Meritor Warranty 2014](#)

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