



FIELD SERVICE CAMPAIGN – 21115

23 November 2021

SUBJECT:

Wabco Maxxus L2.0 Brakes

MODELS INVOLVED:

International® LT® Series trucks with International® A26 or Cummins® X15 engine

DEFECT DESCRIPTION:

In certain International® LT® Series trucks built with feature codes 004XCL and 004XCN (L2.0 ADB Air Disc Brakes), over time the caliper self-adjuster wrap spring may experience reduction of tension resulting in reduced caliper self-adjuster performance.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 21115. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

Description	Tool Number
Air Disc Caliper Wrench	04-617-02

Table 1 Tools Information

NOTE: Before ordering any Parts you need to verify if the vehicles is a 6 X 4 or a 4 X 2 and verify the VIN is listed in one of the VIN Tables.

PARTS REQUIRED:

LT625 6 X 4

Part Number	Description	Quantity
Source Locally	Cable Tie Strap	6
2523370C91	CALIPER AND PADS Left Side	3
2523371C91	CALIPER AND PADS Right Side	3

Table 2 Parts Information - LT625 6 X 4

LT625 6 X 4 VINs	
3HSDZAPR0MN561059	3HSDZAPR6MN453657
3HSDZAPR0MN561062	3HSDZAPR6MN565942
3HSDZAPR1MN561054	3HSDZAPR6MN875539
3HSDZAPR1MN868644	3HSDZAPR7MN188778
3HSDZAPR2MN561063	3HSDZAPR7MN561057
3HSDZAPR3MN561055	3HSDZAPR7MN561060
3HSDZAPR4MN565941	3HSDZAPR9MN561058
3HSDZAPR4MN875538	3HSDZAPR9MN561061
3HSDZAPR5MN188777	3HSDZAPR9MN593850
3HSDZAPR5MN561056	3HSDZTZR0MN814535
3HSDZAPR6MN453092	3HSDZTZR9MN814534

Table 3 Parts VIN Information - LT625 6 X 4

PARTS REQUIRED:

LT625 4 X 2

Part Number	Description	Quantity
Source Locally	Cable Tie Strap	4
2523370C91	CALIPER AND PADS Left Side	2
2523371C91	CALIPER AND PADS Right Side	2

Table 4 Parts Information - LT625 4 X 2

LT625 4 X 2 VINs	
3HSDYAPN4MN651136	3HSDYAPN6MN651137
3HSDYAPN2MN641656	3HSDYAPN0MN641655

Table 5 Parts VIN Information - LT625 4 X 2

WORK INSTRUCTIONS

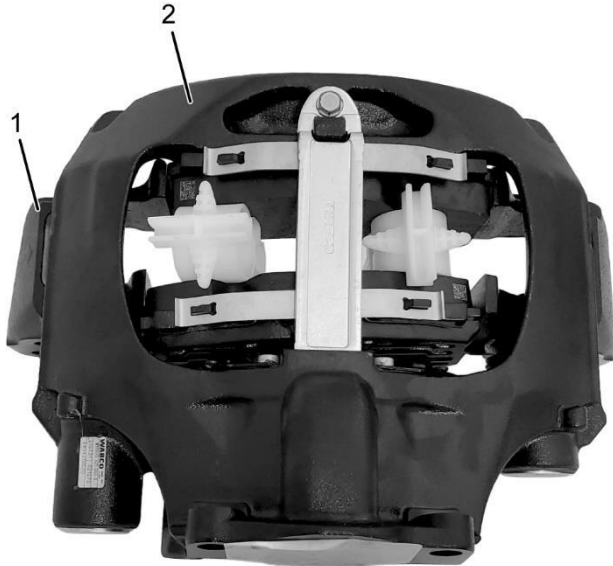
WARNING! To prevent personal injury and / or death, or damage to property, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

WARNING! To prevent personal injury and / or death, or damage to property, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent personal injury and / or death, or damage to property, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

1. Park vehicle on a flat surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.
5. Drain air from brake system.
6. Using a floor jack positioned at a safe location, raise and support axle using appropriately rated jack stands.
7. Starting with driver-side steer axle, remove tire / wheel assembly.



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Figure 1. Wabco Brake Caliper

1. Brake assembly
2. Caliper

NOTE: The new replacement brake caliper assembly (including brake pads) may differ in appearance from the assembly being removed.

8. Remove old brake caliper and brake assembly. Install new brake caliper (Figure 1, Item 2) and brake assembly (Figure 1, Item 1). Refer to appropriate service manual for brake caliper and brake assembly removal and installation instructions. This information is found under:
 - Front Brakes: Brakes / Air Brakes – Foundation / Disc Brakes / Front and Brakes / Air Brakes – Foundation / Disc Brakes / Front
 - Rear Brakes: Brakes / Air Brakes – Foundation / Disc Brakes / Front and Brakes / Air Brakes – Foundation / Disc Brakes / Rear

NOTE: All wheel nuts will be tightened to their specified value at the end of all repair procedures.

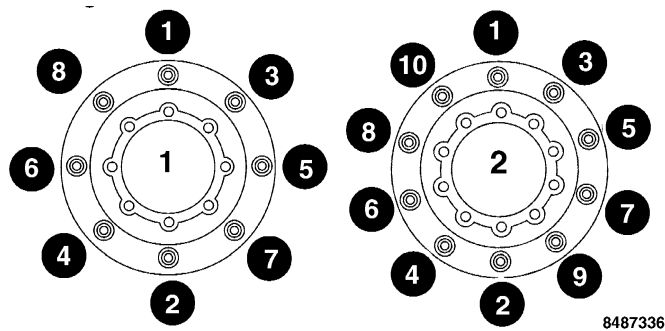


Figure 2. Flange Stud Mounts

1. Flange stud mount – 8 stud
2. Flange stud mount – 10 stud

9. Reinstall tire / wheel assembly and hand tighten wheel nuts. Tighten wheel nuts alternately following crisscross pattern sequence (Figure 2) for all wheels on the truck. Do not fully tighten nuts at this time. This procedure allows uniform seating of nuts and ensures even, face-to-face contact of wheel and hub.
10. Repeat Steps 6 thru 9 until all brake calipers have been replaced.
11. Lift vehicle and remove jack stands.
12. Restore air in brake system and ensure parking brake is set.
13. Using a torque wrench, tighten wheel nuts to 450 to 500 lb-ft (610 to 678 N•m). See Figure 2 for correct torque sequence.
14. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

NOTE: For 6 X 4 configuration, enter A40-21115-2 a second time for second axle.

Operation Number	Description	Time
A40-21115-1	Replace both steer axle calipers	1.8 hrs
A40-21115-2	Replace both drive axle calipers	1.5 hrs

Table 6 Labor Information - LT625 4 X 2 and 6 X 4

WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 21115.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure that this important improvement is made in a timely manner, all claims for 21115 activity must be submitted by 23 November 2022 or within the normal warranty period for the component repaired, if after 23 November 2022.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number ←

NOUN — Leave blank ←

C (CAUSE) — Enter either 1, 2, 3. (See below)

1. Inspected (No repair required).
2. Inspected and repaired.
3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40. ←

TYPE PART — Enter P for type part causing failure. ←

PAD — Enter 100 ←

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