



## Recall Information Bulletin

No: C10138 Issued: 8/26/2025

NHTSA No: 25V462

Transport Canada No: 2025-371

**SUBJECT:**

Safety Recall C10138 – Electric Park Brake

**MODELS:**

FEC7K (E16L/E16M), FEC9K (E18L/E18M), FECXK (E18)

**VEHICLES INVOLVED:**

Certain 2024-2025 model year FEC7K, FEC9K and FECXK trucks.

A list of vehicles your Dealership has sold that require this Recall can be found on the “Open Campaigns” list supplied by RIZON. Some individual vehicles described above may not need the Recall as the repairs may have already been performed. Always check the vehicle information section in DealerPro, or they may contact Rizon Warranty at [rizonwarranty@rizontruck.us](mailto:rizonwarranty@rizontruck.us) to verify that the VIN requires this Safety Recall.

**Important note: It is a violation of Federal law for a dealer to deliver a new or used motor vehicle covered by this Recall Information Bulletin, under a sale or lease, until the Safety Recall has been completed.**

**OWNER NOTIFICATION:**

Owners of affected vehicles will be notified by mail.

**CONDITION:**

Mitsubishi Fuso Truck of America, Inc. has decided that a defect, which relates to motor vehicle safety, exists in the Internal Actuator Brake (EPB actuator) on certain 2024 and 2025 model year FEC7K (E16L/E16M), FEC9K (E18L/E18M) and FECXK (E18) RIZON trucks. The Internal Actuator Brake (EPB actuator) uses a spacer which is too large, this results in the pressure plate not sticking with the coil as intended. This creates friction and causes an overcurrent. Consequently, there is a risk of gridlock, brake dragging and the warning lamp lighting up on the meter cluster. In the worst case, there is a risk of fire.

**MODIFICATION:**

The Internal Actuator Brake (EPB actuator) will be replaced. In case of brake dragging damage, the Brake Assembly is to be replaced.

**PARTS REQUIRED:**

1) LT239A03EX MGU, EPB Brake, 0-1) LT239C03EX FEC7K REAR DISC BRAKE ASSEMBLY, 0-1) LT239D03EX FEC9K/FECXK REAR DISC BRAKE ASSEMBLY

**RECALL CLAIM SUBMITTAL:**

Upon completion of a recall or field fix repair, a warranty claim must be submitted to Rizon US through the DealerPro system or manually through our interim process. It is important to use the appropriate claim type, e.g. Recall or Field Fix and Recall/Field Fix number. The claim will be processed by Rizon and reimbursement will be completed using the reimbursement schedule used for your standard warranty claims. If you need support submitting a claim or have general claim questions, please contact Rizon US Warranty Department at [rizonwarranty@rizontruck.us](mailto:rizonwarranty@rizontruck.us).

Campaign Reimbursement					
Campaign Number	Models	Allowances		Labor Description	Part Number
C1013810	FEC7K FEC9K FECXK	Labor Time	0.3 hour	Inspect the electric park brake label only	N/A
C1013820	FEC7K FEC9K FECXK	Labor Time	1.2 hours	Inspect the electric park brake label and replace electric park brake	LT239A03EX
C1013830	FEC7K	Labor Time	4.7 hours	Inspect the electric park brake label and replace electric park brake and disc brake assembly	LT239A03EX LT239C03EX
C1013840	FEC9K FECXK	Labor Time	4.7 hours	Inspect the electric park brake label and replace electric park brake and disc brake assembly	LT239A03EX LT239D03EX

**REPAIR PROCEDURE:**

1. Park the vehicle on a flat, level surface, turn off the engine and chock the wheels.

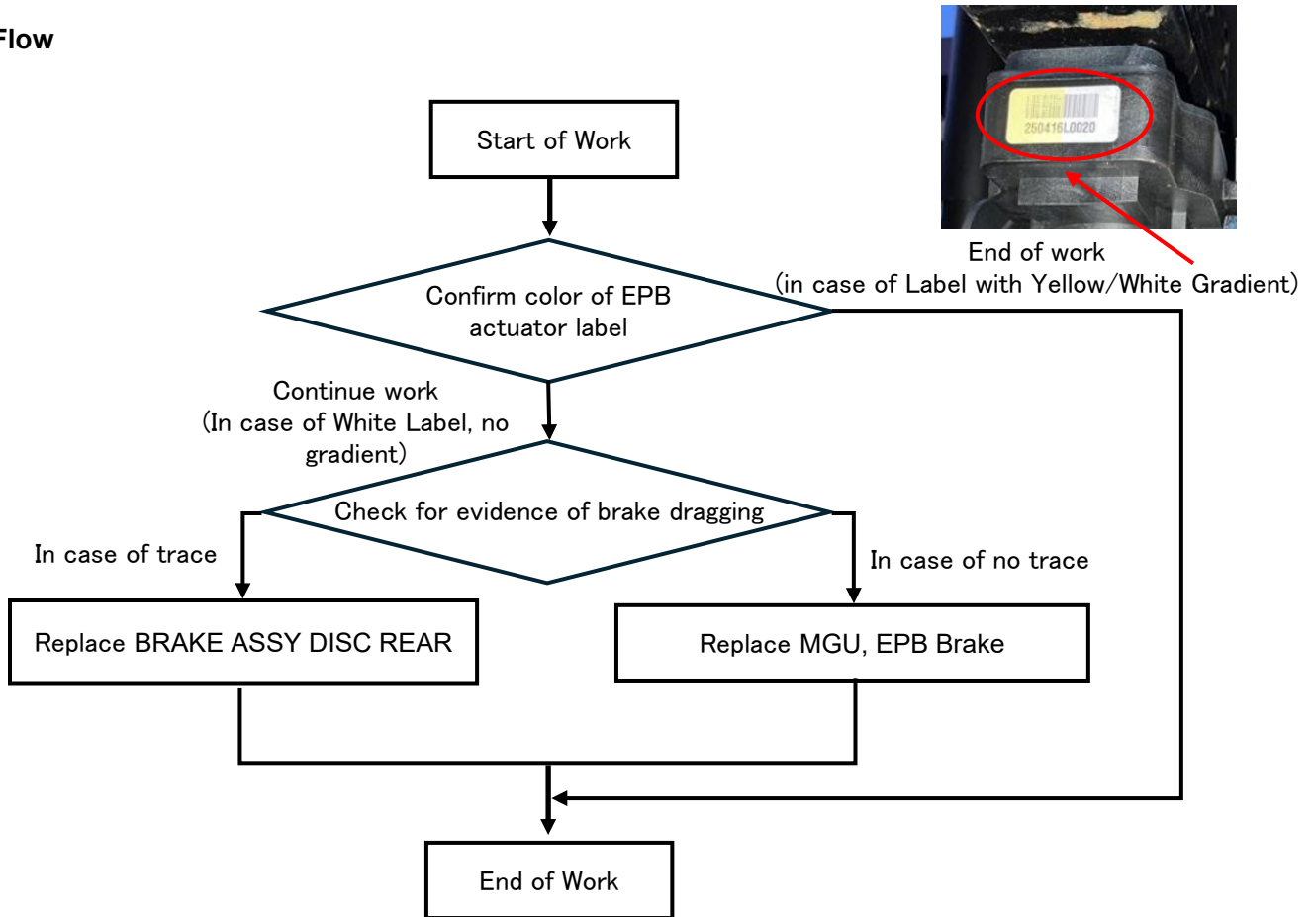
**CAUTION!**

**Do not remove the wheel chocks until all modification work has been completed.**

2. Inspect the electric park brake label and if necessary, install an electric park brake and disc brake assembly using instructions found in the Modification Procedure on the next page.

# Modification Procedure

## Work Flow



## Work Overview

- Checking for evidence of brake dragging
- Exchange of Brake Assembly (BRAKE ASSY DISC REAR)
- Exchange of EPB actuator (MGU, EPB Brake)

## Checking for traces of Brake dragging

### Preparation before Work

• Jack up the truck to gain access to the rear axle (Please take note of the below points when carrying out the procedure.)

- Install wheel chocks on front tires
- Perform with the parking brake released and the Ignition key turned off

### Checking for Evidence of Brake Dragging

- Check if the rear wheel bearing is loose (play can be found) (Refer to the Maintenance Manual Gr.27)
  - Replace the wheel bearings in case they are defective.
  
- Check the activation torque of the left and right rear wheels (refer to the service manual Gr.27):
- Determine if the torque is heavier than specified or if there is a difference in resistance between the left and right sides.
  - If YES, perform steps ① and ②:
    - ① Check the sliding movement of the caliper by hand (refer to the service manual Gr.35):
      - Remove the brake pads and reassemble the removed slide pin bolt. Then, check whether there is any abnormal resistance in the caliper's sliding movement.
        - If abnormalities are found, replace the EPB brake assembly.
      - ② Visually inspect the hub grease (refer to the service manual Gr.27):
        - Replace the hub grease.

### EPB Harness Damage Inspection (Refer to Service Manual Gr.27)

- If heat-related damage is found on the corrugated section of the harness between the EPB actuator and ECU, replace the harness.

### Brake Hose Damage Inspection (Refer to Service Manual Gr.27)

- If heat-related damage is found on the surface of the brake hose, replace the hose.

### Disc Rotor Sliding Surface Inspection (Refer to Service Manual Gr.27)

- If heat cracks are found on the rotor sliding surface, replace the rotor.
- If the sliding surface is significantly rough or excessively worn, replace the rotor.

### Dust Cover Damage Inspection (Refer to Service Manual Gr.27)

- If heat-related damage is found on the cover surface, replace the dust cover.

### ABS Rotor Displacement Inspection (Refer to Service Manual Gr.27 and Supplementary Document ②)

- If the ABS sensor is interfering with the rotor or the rotor is rotating eccentrically, replace the ABS rotor.

### ABS Sensor Damage Inspection (Refer to Service Manual Gr.27 and Supplementary Document ②)

- If damage is found on the sensor tip or metal cap, replace both the ABS sensor and metal cap.

### Brake Assembly Disassembly and Inspection (Refer to Service Manual Gr.35 and Supplementary Document ②)

- If the pad sides or wear indicator tip have turned white, replace the brake pads.
- If abnormalities are found in rubber components, replace the affected parts.

# Exchange of Brake Assembly

## Prerequisites

If damage is observed in the following items from Supplementary Document ①, proceed with the work described in this document:

- **Brake Assembly Disassembly and Inspection** – If the brake pads or pad wear indicator show white discoloration.
- **ABS Rotor Displacement Inspection** – If the ABS sensor is interfering with the rotor or the rotor exhibits abnormal rotation.
- **ABS Sensor Damage Inspection** – If deformation or damage is found at the sensor tip, or if the metal cap is deformed or detached.

## Work Procedure

Proceed with the parts replacement work in accordance with the procedures outlined in the **service manual Gr.27 / Gr.35 / Gr.36EB**.

## Replacement Parts

- **Rear Left and Right Brake Assembly**
  - **Rear Left and Right ABS Sensor and ABS Sensor Cap** (Replace if the ABS sensor or cap is damaged)
  - **Rear Left and Right ABS Rotor** (Replace if the ABS rotor is loose or exhibits eccentric rotation)
- ※ If damage is observed in other components such as the disc rotor, EPB sub-harness, or brake hose, arrange for individual part procurement and perform the necessary replacement work.

## Precautions During Work

When replacing the brake assembly, ensure the following steps are carried out properly:

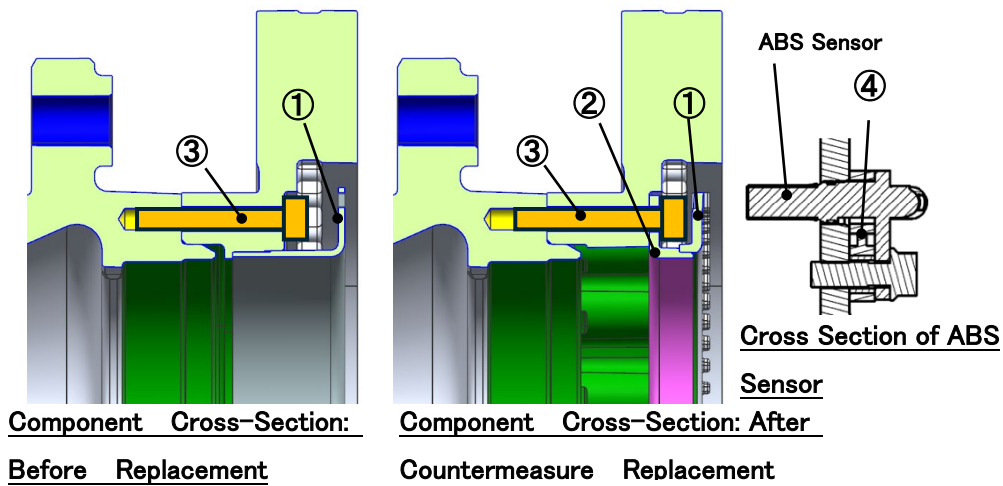
- **Disconnect the 12V battery terminals before starting the work.**
- **Avoid applying strong impact to the EPB actuator during brake assembly replacement.**
- **Replace both left and right brake assemblies.**
- **After replacing the brake assembly, follow the service manual procedure to thoroughly bleed air from the brake circuit. (removing trapped air or vapor from the brake lines) Additionally, check the drag torque and confirm that there are no issues.**
- **After connecting the EPB actuator wiring and ABS sensor wiring, reconnect the 12V battery terminals. Then, follow the initial setting procedure outlined in service manual Gr.36EB to reset the EPB actuator operation count.**

## ABS Rotor Replacement Procedure

The left and right ABS rotors should be replaced according to the vehicle model.

After assembling the components, ensure there is a gap between the ABS rotor and the tip of the ABS sensor (gap:  $1\pm 0.7\text{mm}$ ).

- For vehicle models FEC9, FED9, and FECX, replace the installed ABS rotor with a new identical part.
- Depending on the vehicle's production period, some vehicles may already be equipped with a post-replacement ABS rotor structure. In such cases, replace it with the same new part.



- for FEAV, FEBV

Part Name	Part Number: Before Replacement	Part Number: After Replacement
① ABS Rotor	A8203560100	MK530883
② ABS Rotor Flange	—	MK429143
③ Mounting Bolt	MF140469	MX998778 (with ID Mark)
Tightening Torque	( $63\pm 7\text{Nm}$ )	( $63\pm 7\text{Nm}$ )
④ ABS Sensor Spacer	ML252978 (White, $t=8\text{mm}$ )	ML252979 (Black, $t=9.5\text{mm}$ )



- for FEB7, FEB8, FEC7

Part Name	Part Number: Before Replacement	Part Number: After Replacement
① ABS Rotor	ML327759	MK584245
② ABS Rotor Flange	—	MK584244
③ Mounting Bolt	MF140469	MX998778 (with ID Mark)
Tightening Torque	( $63\pm 7\text{Nm}$ )	( $63\pm 7\text{Nm}$ )
④ ABS Sensor Spacer	ML252978 (White, $t=8\text{mm}$ )	ML252979 (Black, $t=9.5\text{mm}$ )



## Exchange of EPB Actuator

### Prerequisites

Proceed with the work outlined in this document only if no damage is found in any of the specified components listed in the above Supplementary Document ①.

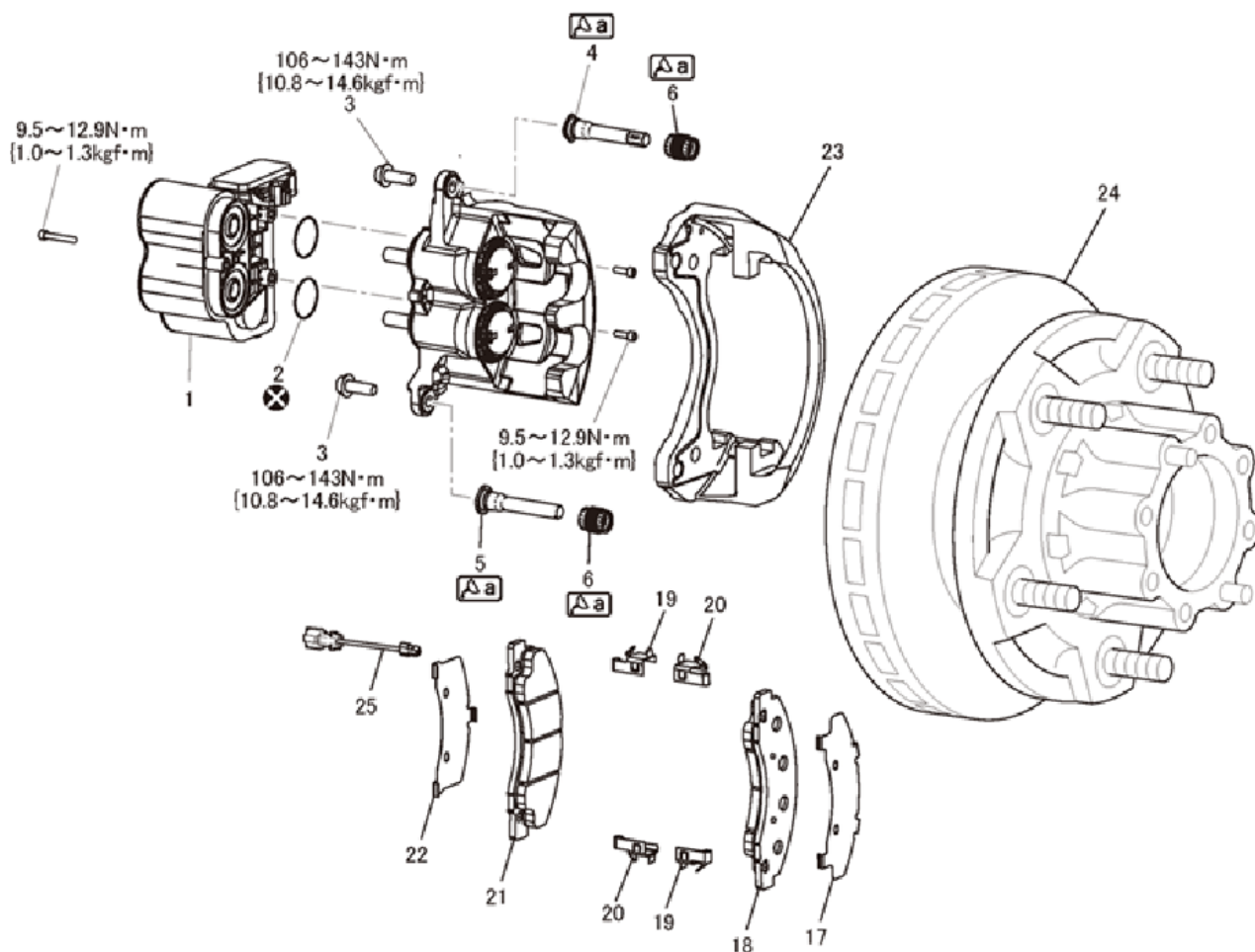
### Work Procedure

Perform the parts replacement following the procedures outlined in **the service manual Gr.35 / Gr.36EB**.

### Replacement Parts

• Rear Left and Right EPB Actuator and O-Ring (Actuator connection area)

※ Replace only item ①: EPB Actuator and item ②: O-Ring, as shown in the diagram below.



### Precautions During Work

When replacing the EPB actuator, ensure the following steps are strictly followed:

- Disconnect the 12V battery terminals before starting the work.
- Avoid applying strong impact to the EPB actuator.
- Replace both left and right EPB actuators.
- Always use a new O-ring for replacement.
- Prevent damage to the O-ring during installation and ensure it is properly positioned.
- After connecting the EPB actuator and ABS sensor wiring, reconnect the 12V battery terminals. Then, follow the initial setting procedure outlined in **service manual Gr.36EB** to reset the EPB actuator operation count.