



Service Manual

Chassis & Mast

FB10/14/15/18(H)CA	221AE0001/E00001-up 256E00001-00791
FB20/25(H)CA,FB28CA	241AC0001/C00001-up 257C00001-01119
FB30CA	251AC0001-up

6- 3. Inspection and adjustment



The wheel brake is very important part for safety.
It shall be replaced if any damages are found.

6-3-1. Brake drum - inspection, repair and replacement

1. Check the inner surface of the brake drum for streaks (damage), wear, and cracks.

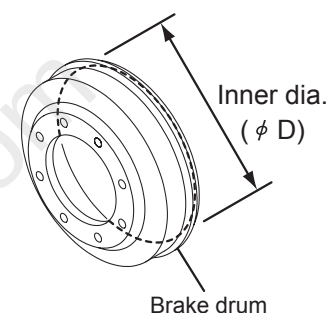


If there are streaks or partial wear, perform repairs or replacement within the limits shown below.

● Inner diameter of brake drum

Applicable model	Specific dimension(ϕ D)	Repair limit(ϕ D)
FB10CA-18CA	10-inch(254 mm)	256 mm
FB20CA-28CA	11-inch(279.4 mm)	281.4 mm
FB30CA	(310 mm)	312 mm

● Inspection of brake drum



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6-3-2. Shoe & lining - inspection and replacement

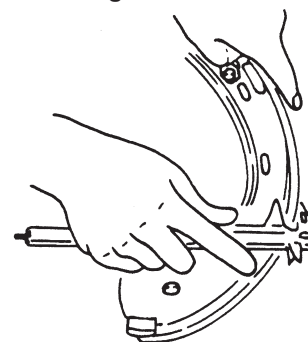
1. Measure the thickness of the lining.
➔ If the part is worn to 1.5 mm or less, replace it.



Measure the area with the most wear.

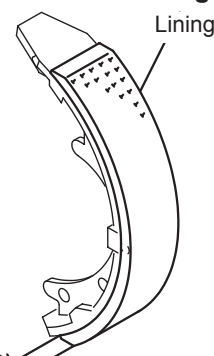
2. Check for stains, burning, and deterioration.
➔ If there are stains, burning, or deterioration, replace the part.
3. Check for cracks and damage.
➔ If there is a burn, repair it.
➔ If cracked or damaged, replace it.

● Measuring thickness of lining



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● Inspection of shoe & lining

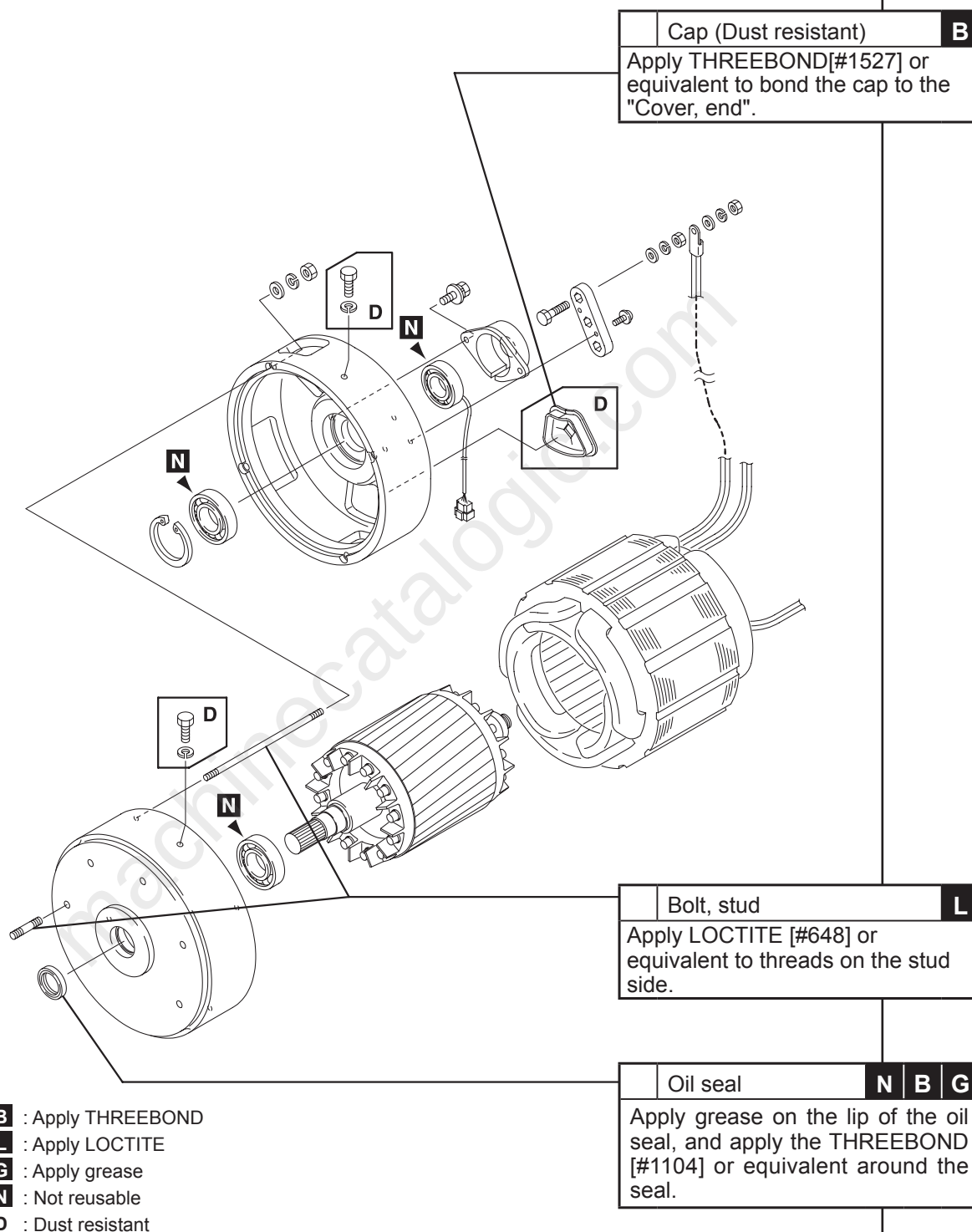


If the part is worn to 1.5 mm or less, replace it.

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9-2-4. Traction motor - disassembly and reassembly

●Disassembling and reassembling the traction motor



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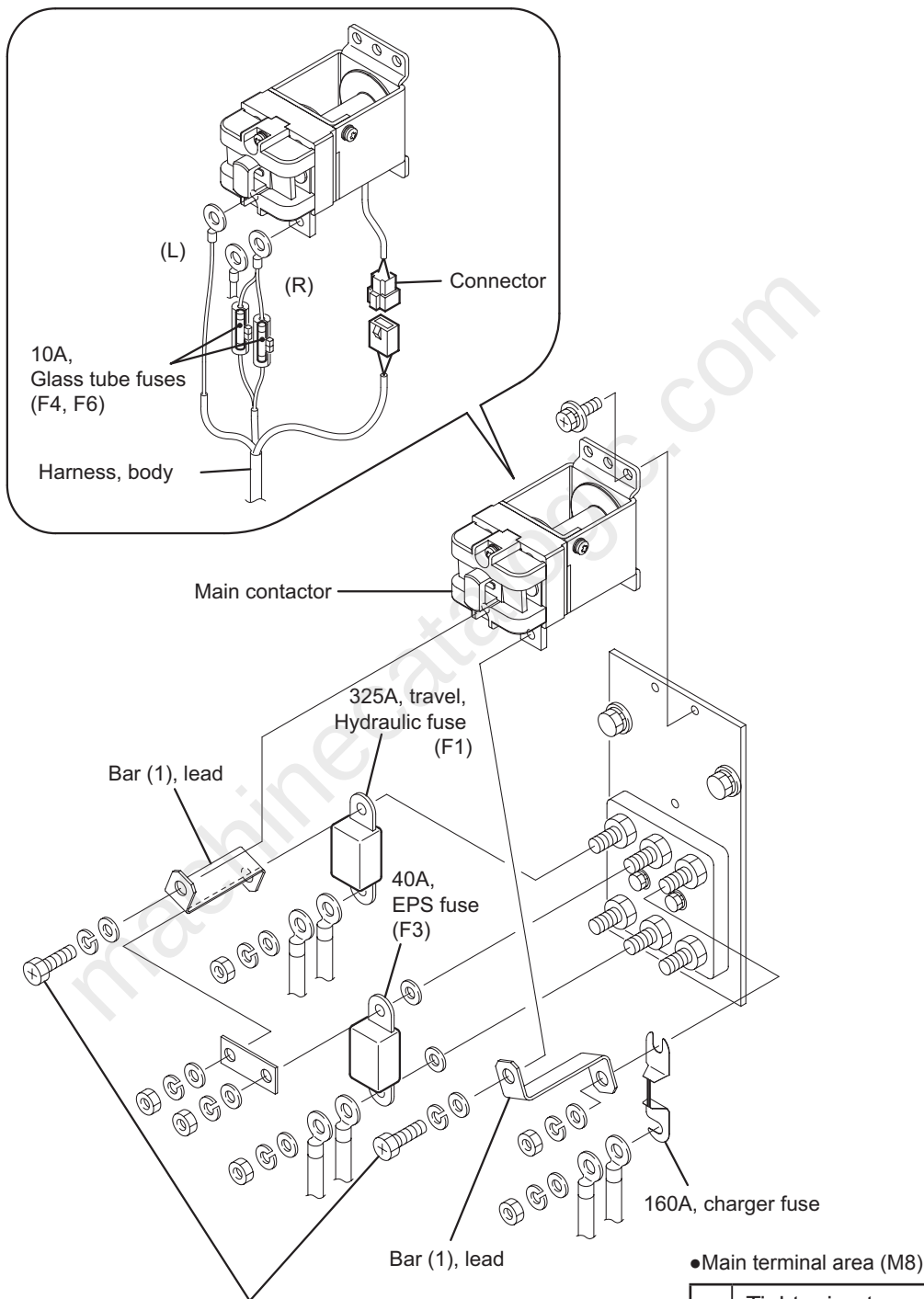


When OIL SEALS, O-RINGS and / or BEARINGS were removed, they should be replaced to new ones.

2. Remove the main contactor and all fuses as follows.

1. Disconnect wiring connectors of the main contactor and lead wires.
2. Refer to the diagram below and remove the main contactor and all fuses.

●Removing the main contactor and fuse



 : Tightening torque

Tightening torque(M8)
6.4-7.4 N · m
{0.65-0.75 kgf · m}
Use a bolt included with the main contactor.

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* Install the main contactor and fuse in reverse order of removal.

7b- 2. Disassembly and reassembly

7b-2-1. Oil tank - precautions

- Pay attention to the following when disassembling and/or assembling the oil tank.

CAUTION

- Apply wheel chocks to tyres to prevent the truck from moving.
- Lower forks to the ground before draining hydraulic oil.
- When disconnecting hydraulic pipes, cap them to prevent dust from entering into hydraulic components and pipes.
- Wrap the seal tape on the thread of oil filters and the plug. Make sure to tighten them securely when installing.
- Be sure to disconnect the battery plug before starting to disassemble.

7b-2-2. Oil piping replacement - precautions

- Pay attention to the following on replacing and fitting when the hoses are abnormal.

NOTE

Wrap the seal tape on the thread of the connector of hoses before connection.

CAUTION

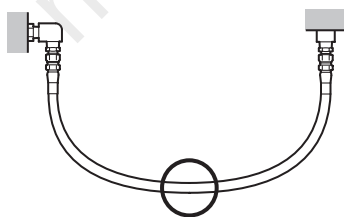
- Use required rated hoses to keep enough strength.

Unexpected force may be applied by operating pressure.

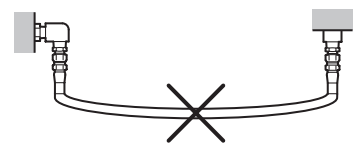


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- Do not fit short hoses in the length.



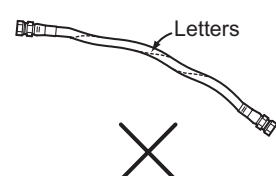
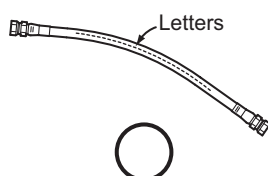
Hose might be damaged due to sharp bending.



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- Do not fit a hose with twisting. Make sure that the hose is not twisted by operation.

Twisting can be found by the line of letters marked on a hose.



152E127

Full Version Available

Mitsubishi FB20CA Forklift Service Manual (99N19-51110)

Mitsubishi FB20CA forklift service manual PDF, covers hydraulics, traction motor, steering, brakes, and wiring repair. Instant PDF download.

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