

Service Manual

Chassis & Mast

FB10/14/15/18(H)CA1(J)

FB20/25(H)CA1(J),FB28CA1(J)

FB30CA1(J)

221E20001-up 256E00792-up

241C10001-up 257C01120-up

251AC2001-up

6- 3. Inspection and adjustment



Wheel brake is very important for safe operation.
Always replace Wheel brake whenever it is damaged.

6-3-1. Wheel brake - inspection and adjustment

1. Check for Brake drum inner surface streaks, uneven wear, and cracks.

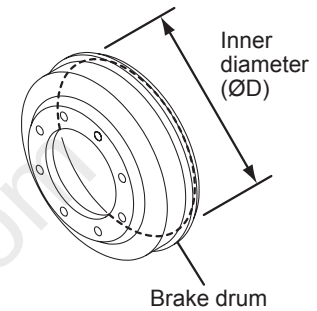


If there are streaks or partial wear, repair or replace Brake drum based on the allowable limits in the table below.

● Inner diameter of Brake drum

Applicable model	Specified dimension(ØD)	Repair limit (ØD)
FB10CA1-18CA1	10-inch (254mm)	256mm
FB20CA1-28CA1	11-inch (279.4mm)	281.4mm
FB30CA1	310mm	312mm

● Inspecting Brake drum



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

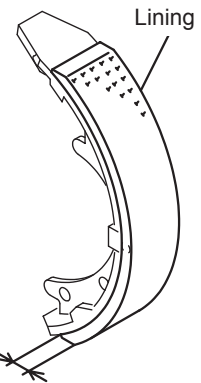
1. Measure the thickness of Lining
 - ▶ If Lining is worn to less than 1.5mm, replace it.



Measure Lining at the point with the most wear.

2. Check for stains, burnout and deterioration.
 - ▶ If you find any abnormalities, replace Lining.
3. Check for cracks and damage.
 - ▶ If you find any burrs, remove them.
 - ▶ If you find any abnormalities, replace lining.

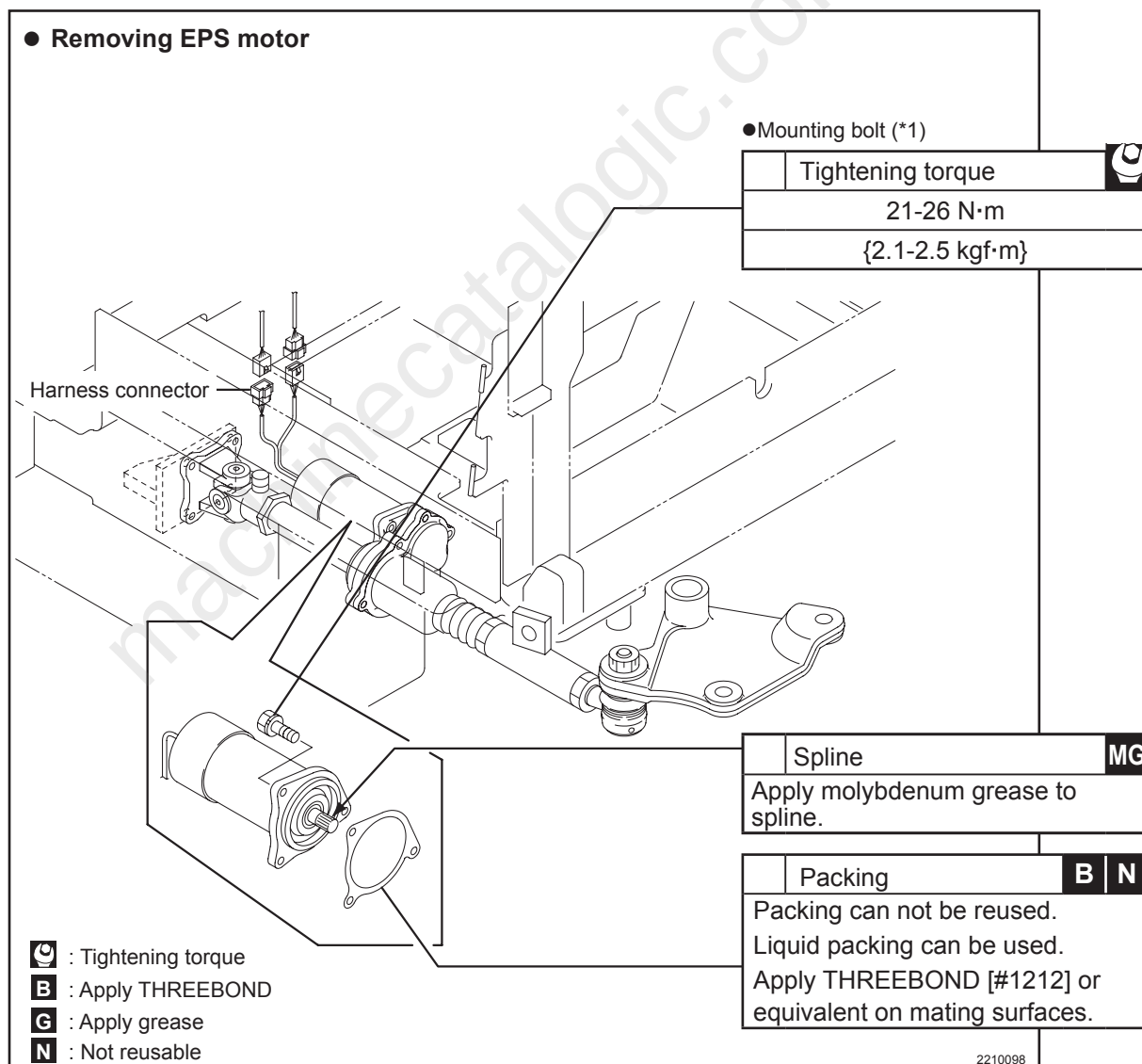
● Inspecting Shoe and lining



212E052

9-2-3. EPS motor - removal and installation

1. Remove the connector of Accelerator and Floor plate.
➡ See page 64, "5-2-1. Steering - removal and installation".
2. Remove the battery.
➡ See page 181, "10f-1-1. Battery - removal and installation".
3. Disconnect harness connectors of EPS motor.
4. Remove the mounting bolts(*1), and remove EPS motor.

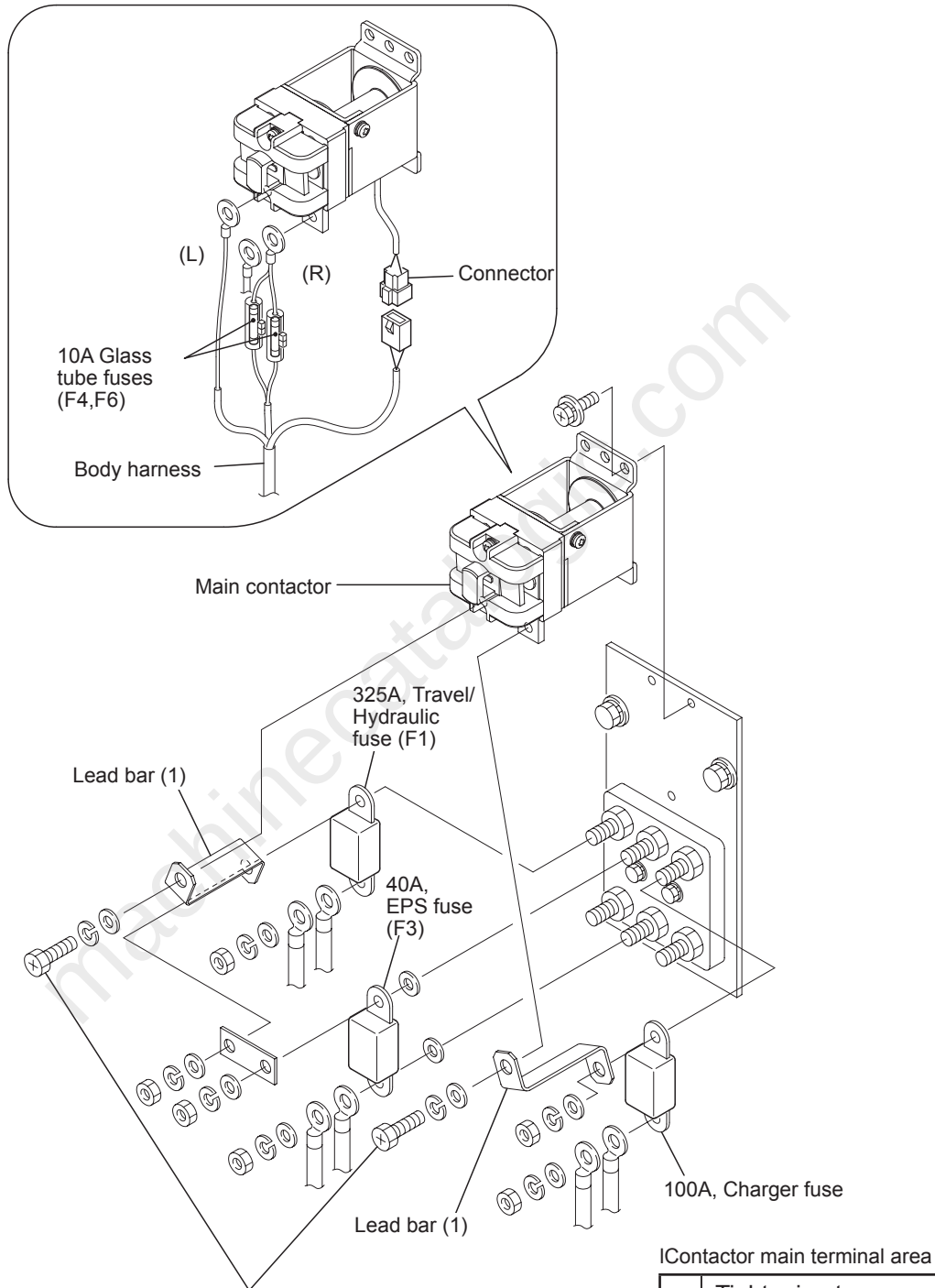


*To install EPS motor, perform the steps to remove it in reverse order.

2. Remove Main contactor and Fuses.

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

●Removing Main contactor and Fuse



 : Tightening torque

Tightening torque	
6.4 - 7.4 N · m	
{0.65 - 0.75 kgf · m}	
Use a bolt included attached on Main contactor.	

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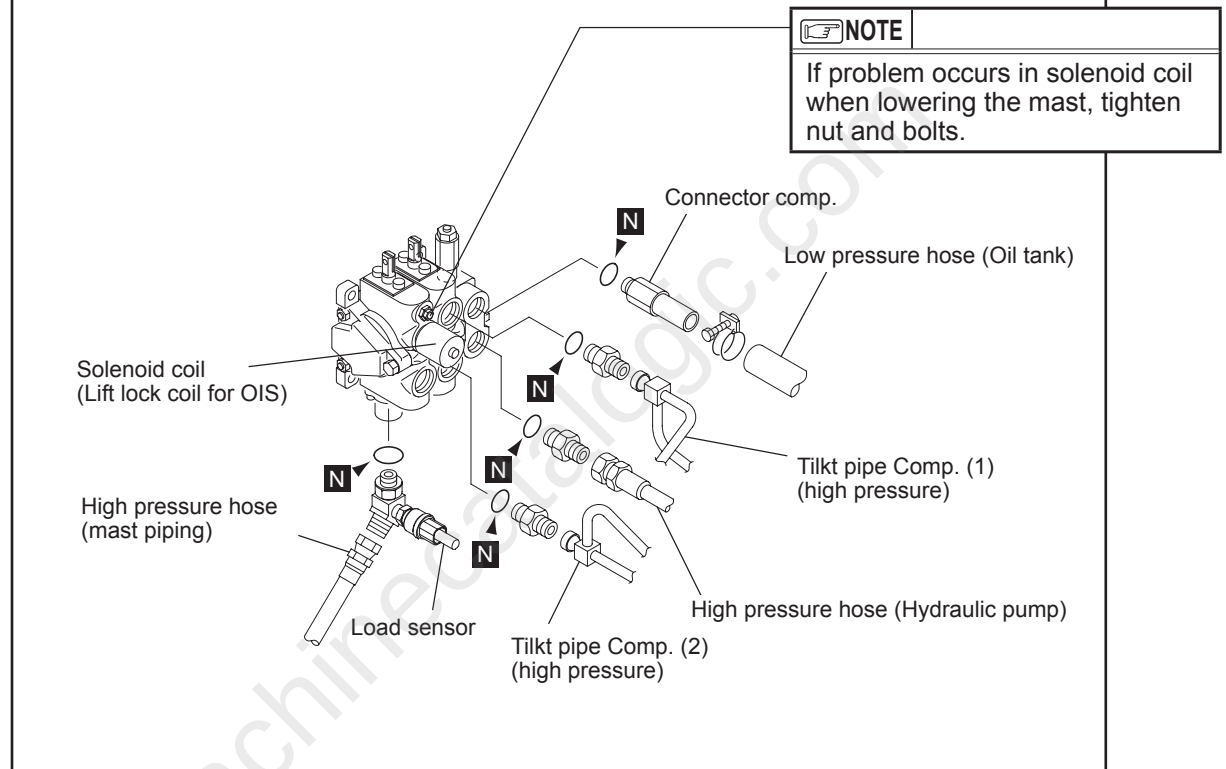
* Install Main contactor and fuse in reverse order of removal.

2. Disconnect pipes and hoses shown in the following illustration.



Before removing a high pressure hose or a high pressure pipe, push Lift lever forward for several times (fork downward operation) while keeping the key switch ON, and remove the pressure inside the pipe. Do not perform any lever operation other than the lift downward lever operation, because the pressure is applied when oil hydraulic motors are operated.

● Disconnecting Hydraulic pipe and Hose



Do not touch the terminals of load sensor by dry hand.

3. Remove Snap pins and Valve pins to remove Valve linkage.

Full Version Available

Mitsubishi FB28CA1(J) Forklift Service Manual (99759-5R110)

Mitsubishi FB28CA1(J) forklift service manual PDF, covers drive unit, hydraulics, steering, and wiring diagnostics. Instant PDF download.

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