



Service Manual

Chassis & Mast

MC/FC

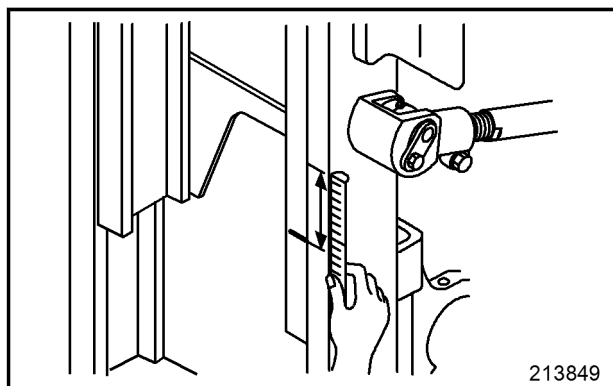
2P3000	AT34-30121-49999	GP15NM	AT34-T0100-T9999
2P3500	AT34-30121-49999	GP18NM	AT34-W0100-W9999
2PC4000	AT34-80121-99999	GP20CNM	AT34-P0100-P9999
2P4000	AT35-30121-49999	GP20NM	AT17D-P0100-P9999
2P5000	AT35-30121-49999	GP25NM	AT17D-T0100-T9999
2P5500	AT36-30121-49999	GP25NM-HP	AT35-T0100-T9999
2P6000	AT13F-30121-49999	GP30NM	AT13F-P0100-P9999
2P6500	AT13F-80121-99999	GP35NM	AT13F-T0100-T9999
2P7000	AT13F-80121-99999		
2PD4000	AT18C-30121-49999		
2PD5000	AT18C-30121-49999		
2PD5500	AT37-30121-49999		
2PD6000	AT14E-30121-49999		
2PD6500	AT14E-80121-99999		
2PD7000	AT14E-80121-99999		

- a. Tighten the drain plug to the specified torque.

Tightening torque	127.5 ± 9.8 (13.0 ± 1.0) [94 ± 7.2]
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Unit: N·m (kgf·m) [lbf·ft]

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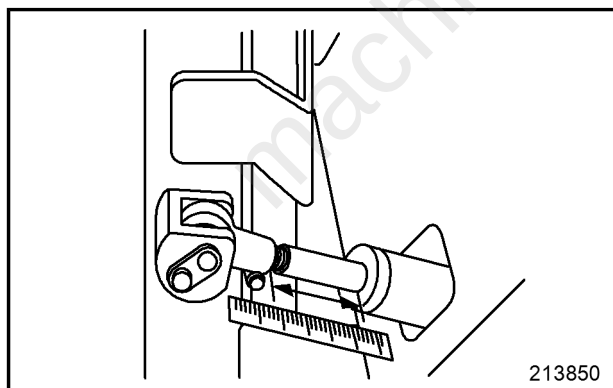


11.3.4 FORWARD TILT TEST

- (1) Pick up a load equal to the rated capacity, place the mast to the VERTICAL position, lift the forks about 50 cm (20 in.), and turn the engine OFF.
- (2) Measure the extension of tilt cylinder piston rod for 15 minutes.

Items	Model type	
	1 ton class	2 ton class 3 ton class
Amount of forward (extension of piston rods) with rated load	20 (0.8) or less	

Unit: mm (in.)/15 min



5.3.2 How to adjust the screen contrast

Turn the key switch to the ON position. Screen contrast can be adjusted while the engine is running.

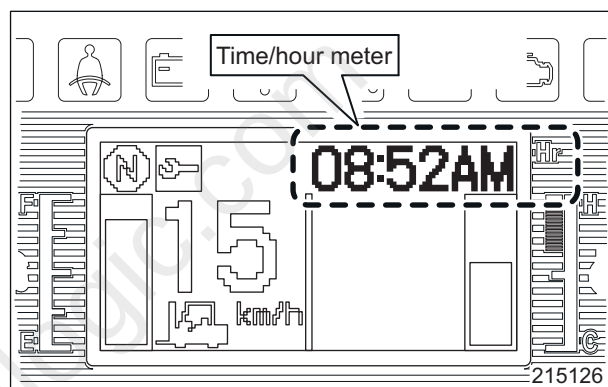
Button	Press	Display
△	Short	Light → Dark
▽		Dark → Light

Note: The screen becomes dark when the temperature inside the instrument panel (ambient temperature) is high, and the screen becomes light when the temperature is low.

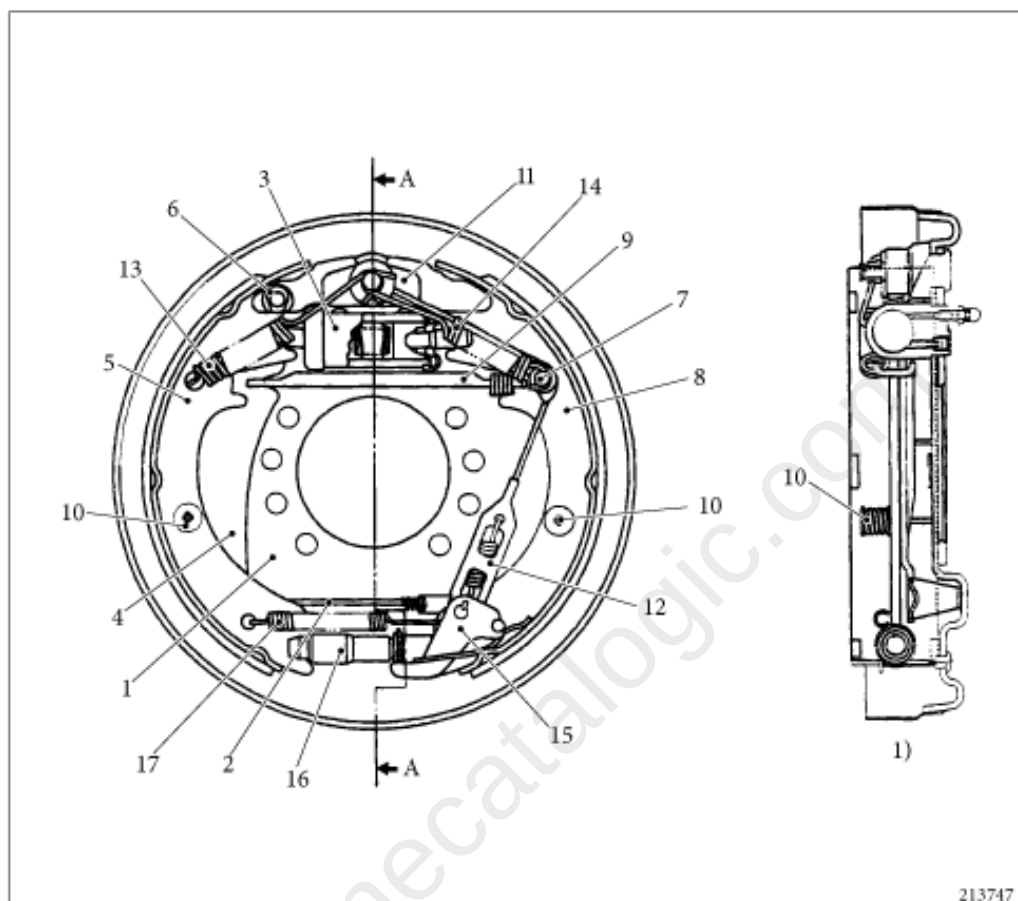
5.3.3 How to display the clock time

Turn the key switch to the ON position. This operation is available while the engine is running. With a short press of  button, the display changes between the hour meter and the clock time.

Button	Press	Display
	Short	Hour meter ↔ clock



2 to 3 ton class



ASSEMBLY SEQUENCE

1) SECTION A-A

- | | |
|---------------------------------------|---------------------------------------|
| 1. BACKING PLATE ASSEMBLY | 10. PIN, HOLD-DOWN SPRING, CUP |
| 2. PARKING BRAKE CABLE, SNAPRING | 11. SHOE GUIDE PLATE |
| 3. WHEEL CYLINDER | 12. FITTING RING |
| 4. PARKING BRAKE LEVER | 13. RETURN SPRING (PRIMARY) |
| 5. PRIMARY SHOE AND LINING ASSEMBLY | 14. RETURN SPRING (SECONDARY) |
| 6. RETAINER, WASHER | 15. ADJUSTING LEVER, ADJUSTING SPRING |
| 7. PIN, SHEAVE, WASHER | 16. ADJUSTING SCREW |
| 8. SECONDARY SHOE AND LINING ASSEMBLY | 17. RETURN SPRING |
| 9. STRUT, ANTI-RATTLE SPRING | |

PREPARE PARTS 4 THROUGH 8 IN ASSEMBLY BEFOREHAND.

Full Version Available

Caterpillar 2PD4000 Forklift Service Manual (99719-8M110)

Caterpillar 2PD4000 Forklift service manual, covers hydraulics, mast, drive unit, wiring, and engine service data. PDF download.

[VIEW THE FULL MANUAL](https://machinecatalogic.com/caterpillar-2pd4000-forklift-service-manual-99719-8m110/)

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