

Service Manual

Controller

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

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

FB30CA1(J)

221E20001-up 256E00792-up

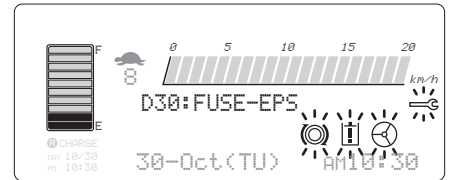
241C10001-up 257C01120-up

251AC2001-up

15. Service icon (wrench mark)

The service icon alerts the operator about a forklift truck malfunction.

If the system detects a malfunction, the wrench icon flashes and the presumed defective part name appears in the display. If the malfunction concerns more than one part, the display scrolls the part names at 5 second intervals.



215T0170E

CAUTION

- If the system detects the following malfunctions, all traveling, hydraulic, and power steering functions stop.

A01 : CONTACTOR
 B11 : FET-TRAVEL
 B12 : SENSOR-CURRENT TRAVEL
 C21 : FET-HYD.
 C22 : SENSOR-CURRENT HYD.
 E40 : TR-AOS
 G51 : *FAIL CURRENT-TRAVEL*
 G52 : *FAIL CURRENT-HYD.*
 G53 : *FAIL VOLTAGE-TRAVEL*
 G54 : *FAIL VOLTAGE-HYD.*

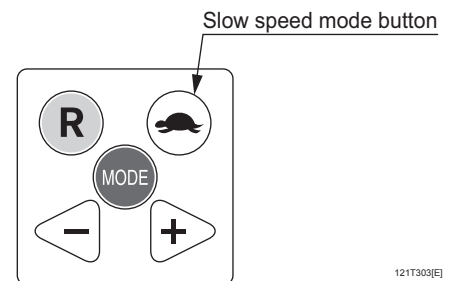
- The , , , buttons do not function when any of the above messages are displayed.

16. Mode select button

To change the screen to each mode, press these buttons.

< Slow speed mode button >

Press this button to activate the slow speed mode.



Mode select button

121T303(E)

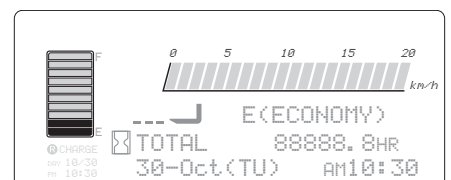
1. Normal traveling mode

When the slow speed mode is off, the Turtle icon () does not appear in the display.

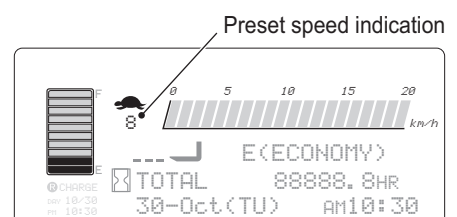
2. Slow speed mode

When the slow speed mode is activated, the Turtle icon () and preset speed appear in the display.

- You can change the maximum travel speed (normal mode) and pre-set speed (Turtle mode) by pressing the Turtle mode button.



When the slow speed button is off
(Turtle mark is not displayed)



When the slow speed button is on
(Turtle mark is displayed)

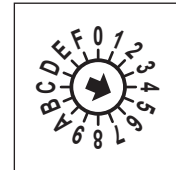
215T0171E

5-2-13. Display language check and settings

<How to check the language setting>

1. Set the rotary switch RS on the EPS controller to "5".
2. Turn on the key switch. The following screen appears.
3. Confirm the language setting.

● EPS controller



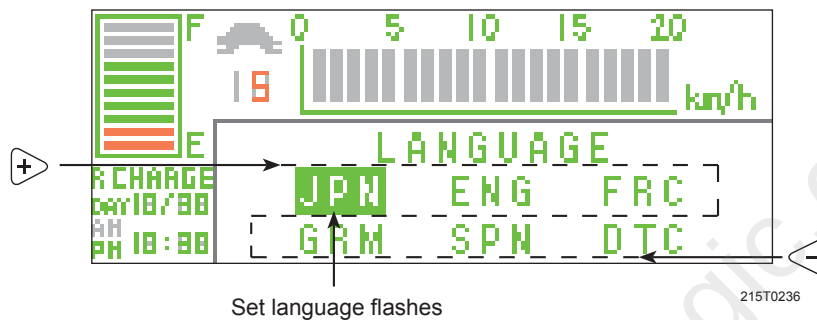
Set RS to "5".

When the rotary switch mode is set to OFF in the service setting,

ROTARY SW OFF/ON

Press $\rightarrow$ or $\leftarrow$ button for at least 3 seconds while also pressing MODE button.

● Display language setting screen

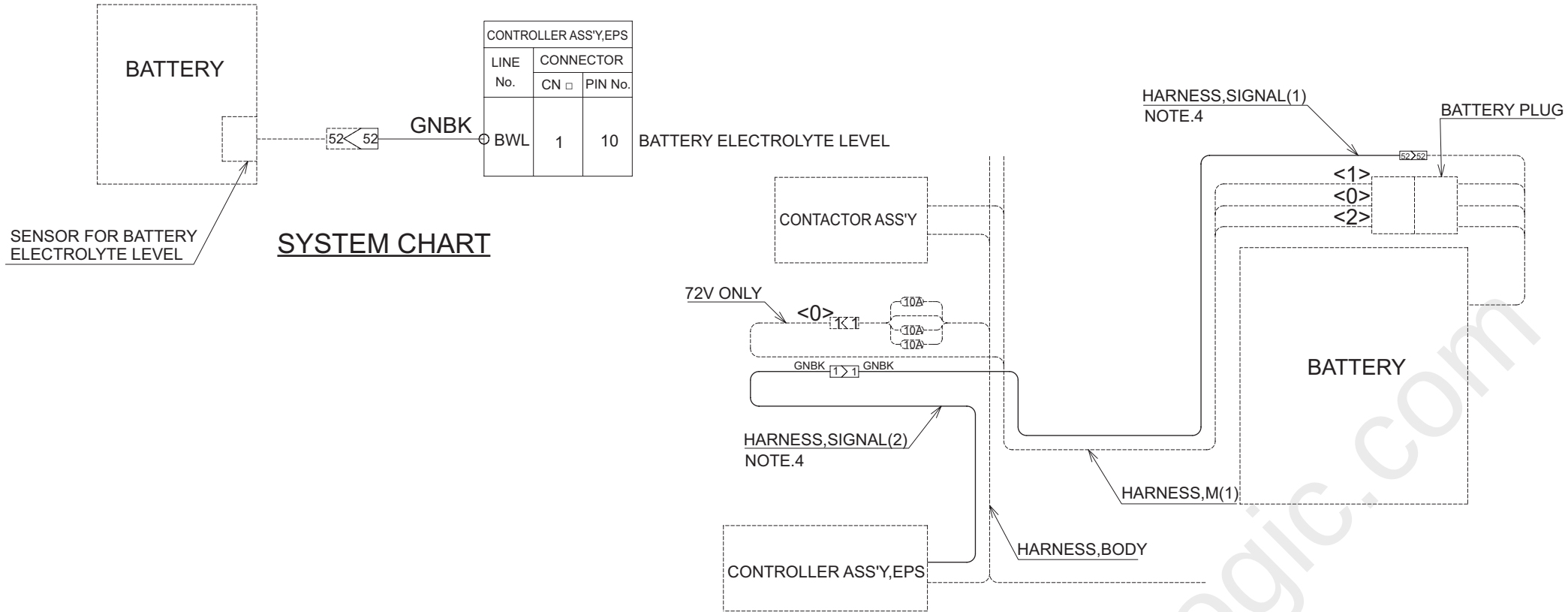


<How to set the language>

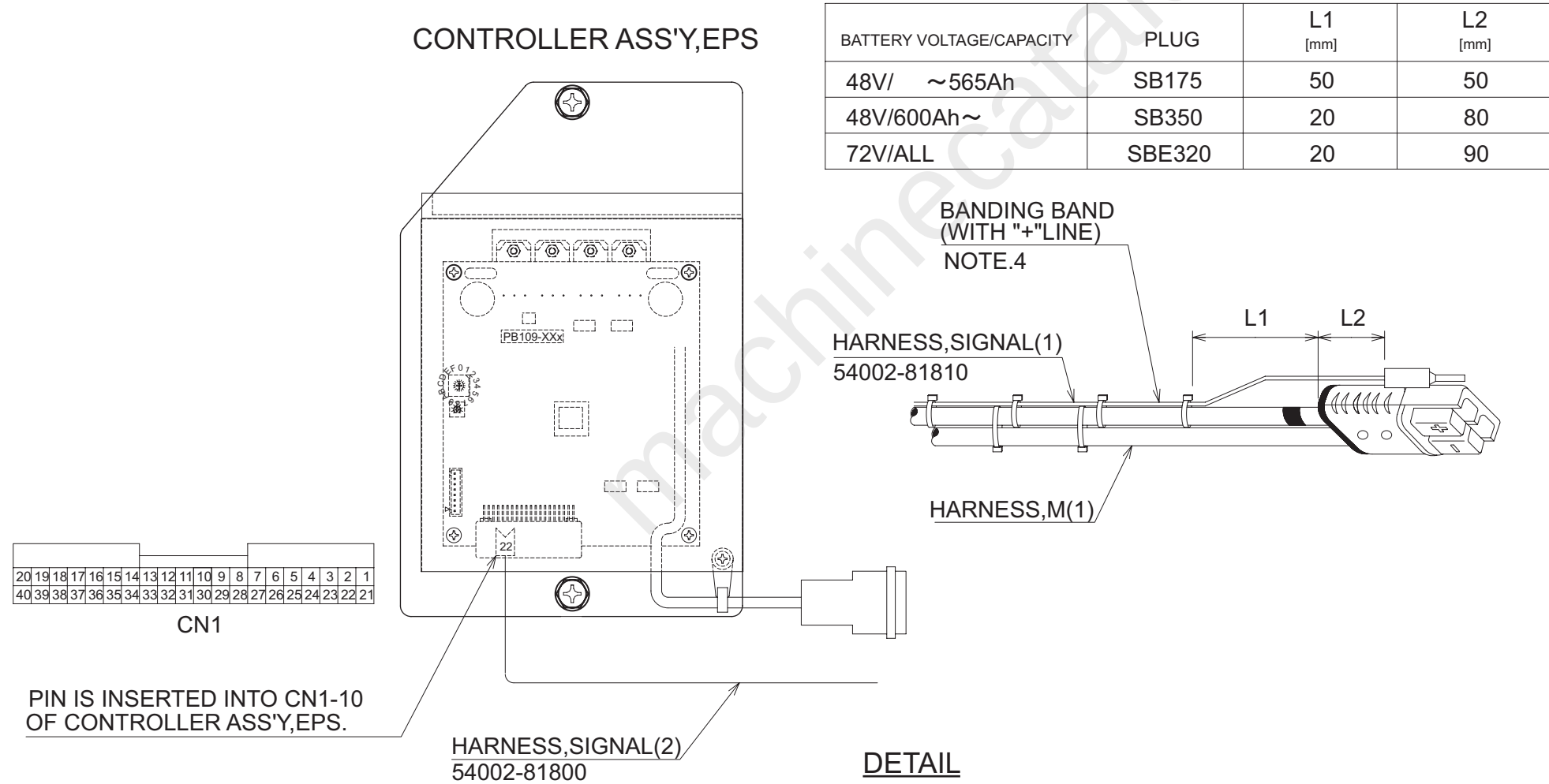
1. Press $\rightarrow$ and $\leftarrow$ button to select one of the following languages.
 JPN : Japanese
 ENG : English
 FRC : French
 GRM : German
 SPN : Spanish
 DTC : Dutch
2. After setting the language, return the rotary switch RS on the EPS controller to "0".



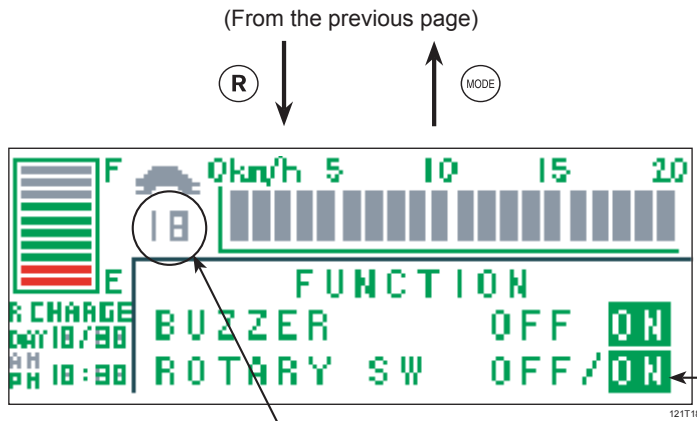
The "CHARGER" on the optional settings screen mandatorily turns OFF when a language other than "JPN" is set.



- <NOTE>**
1. TERMINAL
- 1: SUHR RECEPTACLE AMP 170887-1
 - 1: PLUG AMP 170020-2
 - 22: SHUR RECEPTACLE AMP 1318143-2 (LOOSE PIECE) 1123343-2 (STRIP FORM)
 - 52: PLUG SATO-PARTS TJ-2-P
 - 52: SUHR RECEPTACLE SATO-PARTS TJ-2-J
2. REFER TO MNS D0035 FOR WIRE TREATMENT.
3. REFER TO MNS P0030 FOR DRAWING INSTRUCTION.
4. HARNESS, SIGNAL(1)(2) ARE FIXED TO HARNESS, M(1) AND HARNESS, BODY BY TYING BAND AT APPROPRIATE INTERVALS AND LAID IN TRUCK BODY. FOR DETAILS, REFER TO ILLUSTRATION.
- <SETTING>**
1. SET ROTARY SWITCH OF CONTROLLER ASS'Y, EPS TO '1'.
2. SELECT 'BATTERY ELECTROLYTE LEVEL SYMBOL' BY 'M' OR 'R' BUTTON OF MODE SELECT SWITCH AND SET 'ON' BY '+' OR '-' BUTTON.
3. RETURN ROTARY SWITCH OF CONTROLLER ASS'Y, EPS TO '0'.



HARNESS COLOR						
BK	BLACK	YE	YELLOW	BN	BROWN	
WH	WHITE	GN	GREEN	BU	BLUE	
RD	RED					



The rotary switch No. flashes

Rotary switch mode setting flashes.

- Set by pressing $\rightarrow$ or $\leftarrow$ button (OFF/ON)

ON : Normal

OFF : Disable the rotary switch RS on the EPS controller.

You change the setting with the mode select buttons.

Press $\leftarrow$ or $\rightarrow$ button while pressing the mode button MODE to electrically change the position of the rotary switch.

CAUTION

- When communication with travel, hydraulic, and EPS controller (display) board is not possible (due to the problems such as disconnection), software numbers are not displayed.
- If the buzzer mode is turned OFF, among all the buzzers, only the turn signal lamp buzzer activates.
- If the rotary SW mode is set to OFF, the rotary SW on the board is disabled. Then, you can change the rotary switch position electrically by pressing $\leftarrow$ or $\rightarrow$ button with the MODE button for at least 3 seconds.

Full Version Available

Mitsubishi FB18HCA1(J) Forklift Service Manual (99759-5S110)

Mitsubishi FB18HCA1(J) Forklift service manual, covers drive, mast, hydraulics, and wiring repair procedures. Downloadable PDF format.

VIEW THE FULL MANUAL

<https://machinecatalogic.com/mitsubishi-fb18hca1j-forklift-service-manual-99759-5s110/>