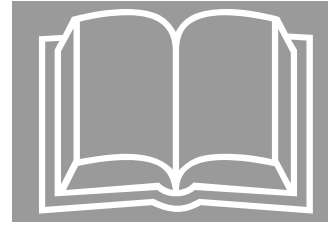


JUNE 2012

UNITEC®

UT-ID 30.8.0-1



506 NCE/NCT Escalator/Trav-O-Lator
Diagnostic Tool

J U N E 2 0 1 2

506 NCE/NCT Escalator/Trav-O-Lator Diagnostic Tool

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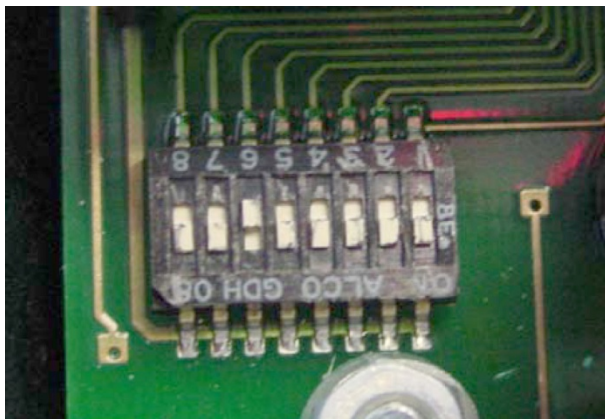
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Otis Diagnostic Tool: p/n GAA27000A1-UNITEC

For NextStep, NCE Escalators & NCT Trav-o-lator

For some time, the Diagnostic Tool (DT) has been shipped from UNITEC and with the escalator units from the factories with the internal dipswitches set incorrectly. This will usually result in the display showing a single horizontal line and nothing else. The DT will not reset the latched faults in the system or perform any other function. The dipswitches should be set as shown in the arrangement below. The newer DTs have the dipswitches located more toward the center of the board, but the setting is the same.



All dipswitches should be in the ON position with the exception of #6, which is OFF.

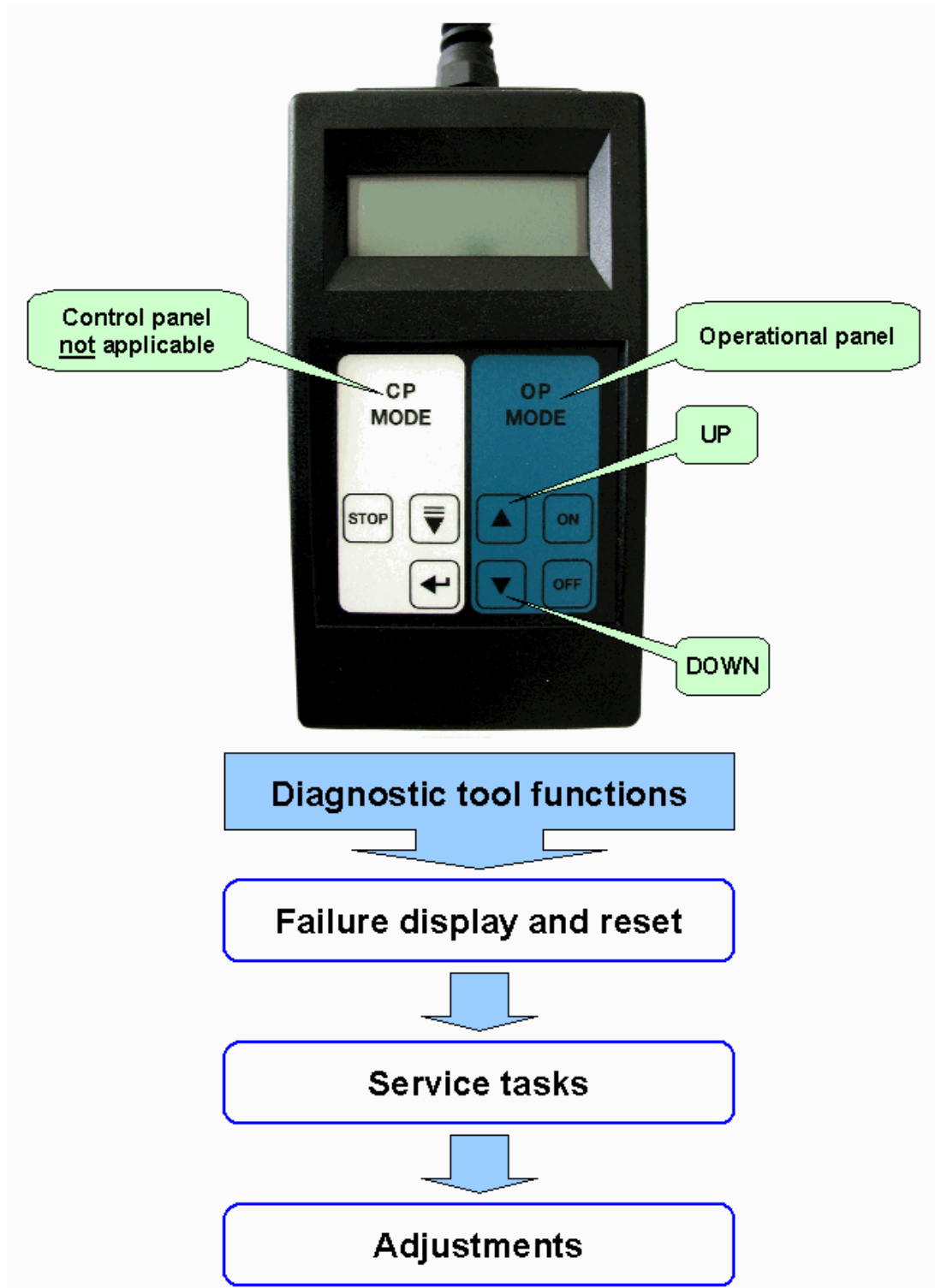
8	7	6	5	4	3	2	1		
		X							OFF
X	X		X	X	X	X	X		ON

The Installation Parameter "**Panel1**" in the ECB II board in the Upper Landing controller must also be addressed to 32. (M – 1 – 3 – 1 – GO ON)

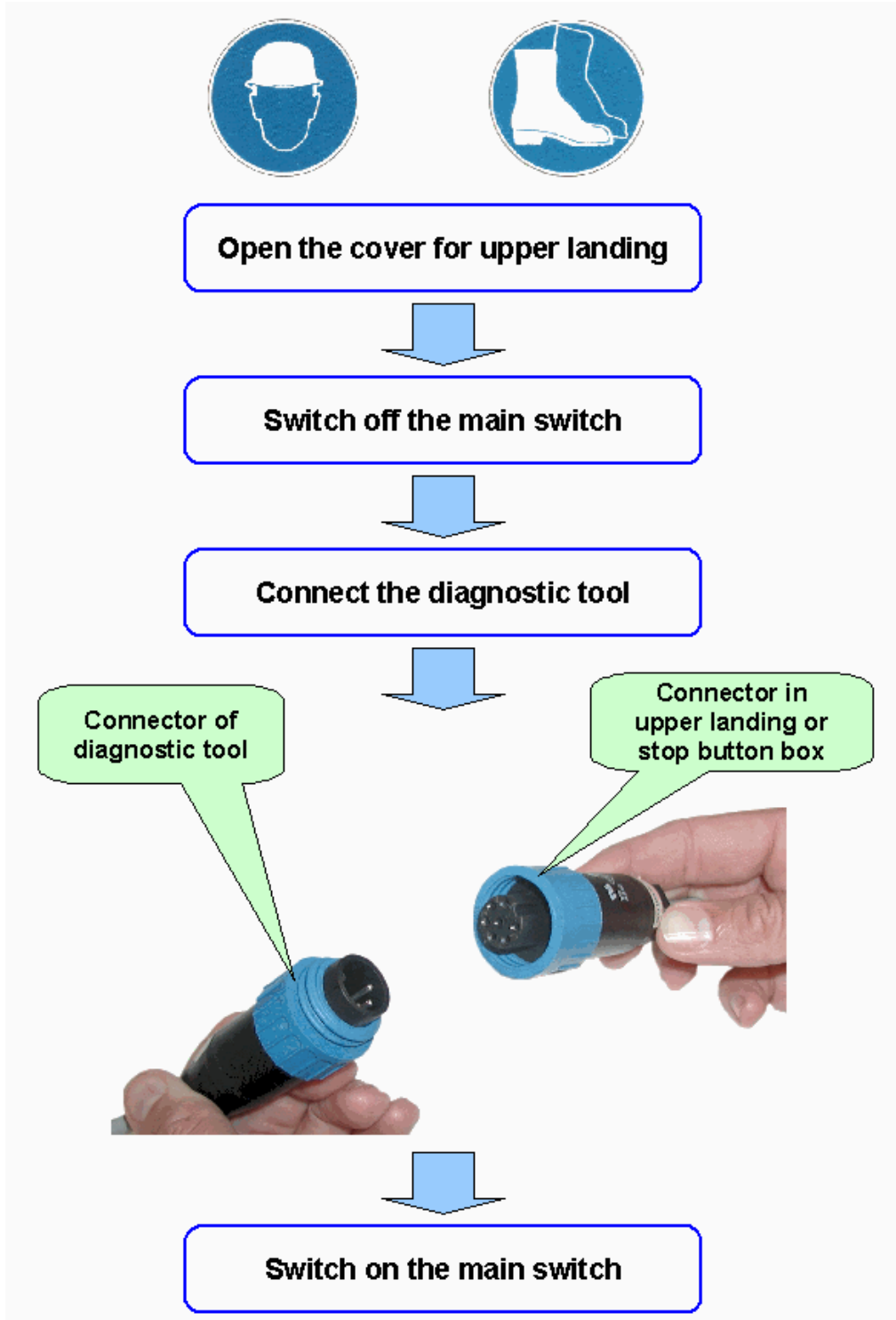
When the DT is plugged in on NORMAL and there are no faults, the display will read "OTIS". If the unit is on INSPECTION with no faults, the display will read "MAINT". If there are faults in the system they will be displayed.

Please see the attached Diagnostic Tool FSM for more information.

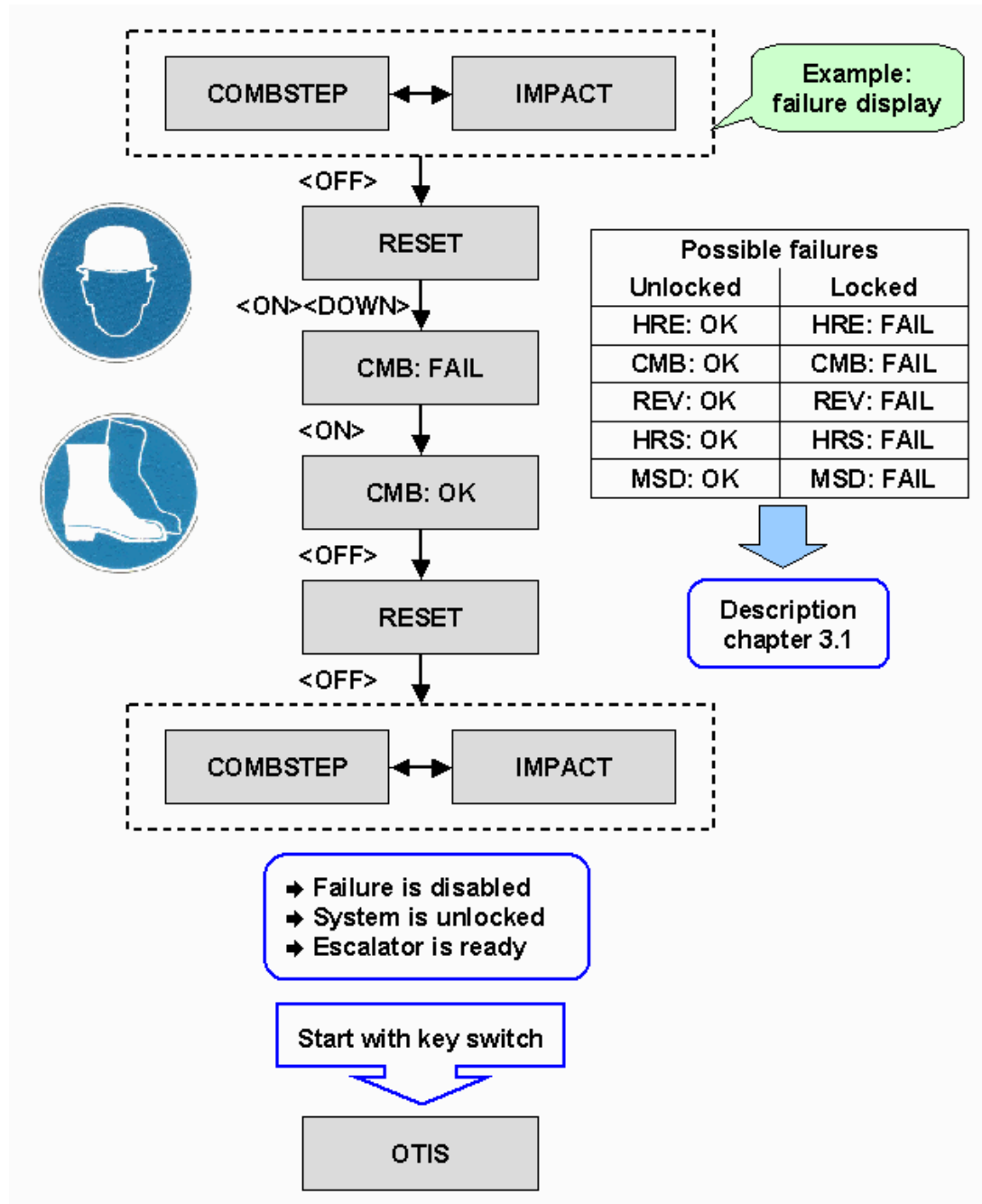
Diagnostic Tool



Prepare for Safe Work



Failure Display and Reset



Failure Messages

Failure	Display	Description
HRE	HANDRAIL / ENTRY	Hand rail entry right upper landing
		Hand rail entry left upper landing
		Hand rail entry right lower landing
		Hand rail entry left lower landing

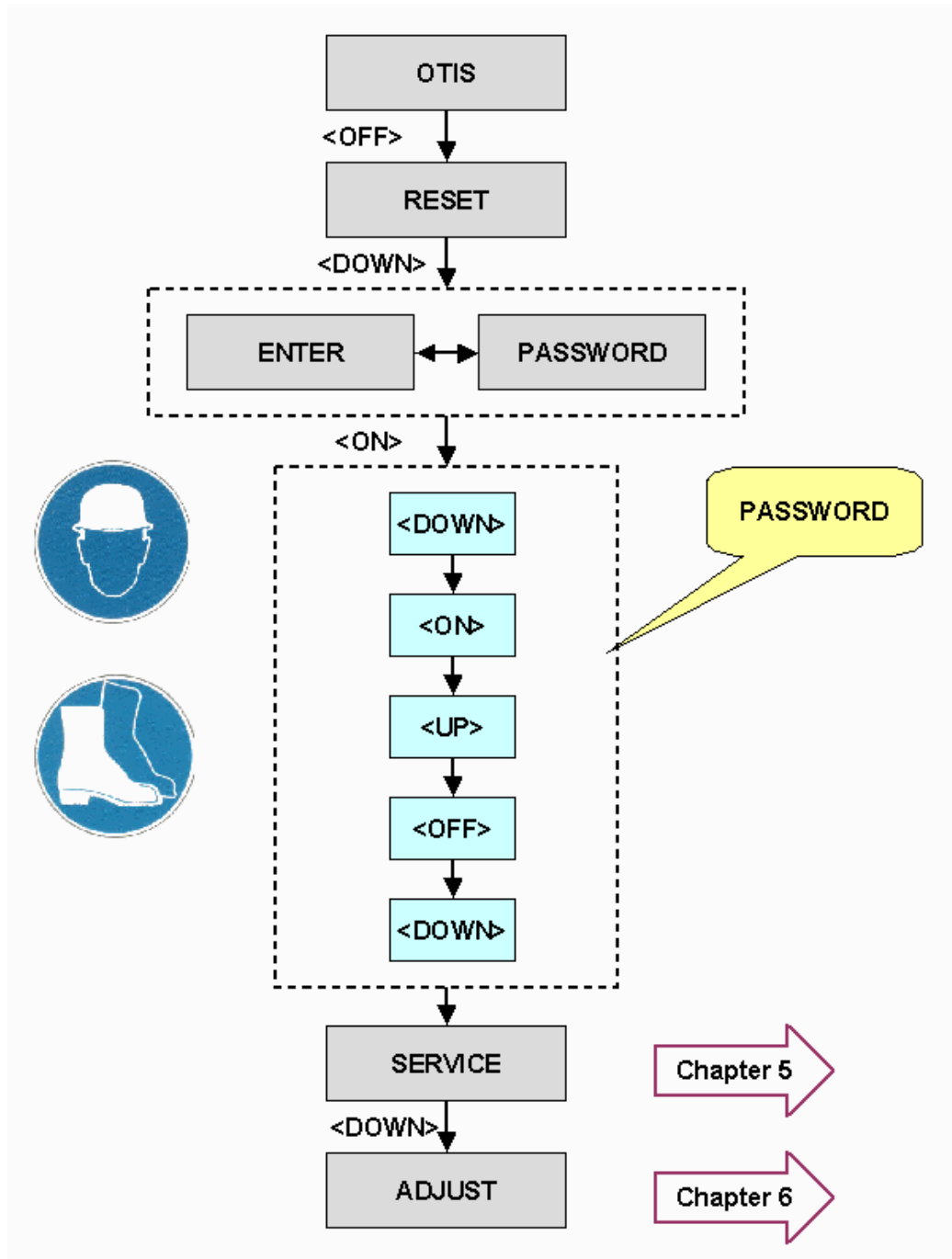
CMB	COMBSTEP / IMPACT	Comb impact right upper landing
		Comb impact left upper landing
		Comb impact right lower landing
		Comb impact left lower landing

REV	OTIS NRD	Non reversal device in up direction
	OTISK065	
	OTIS GR4	

HRS	OTIS B23	Hand rail speed failure right
	OTIS B22	Hand rail speed failure left
	OTIS E23	Hand rail speed via PLC

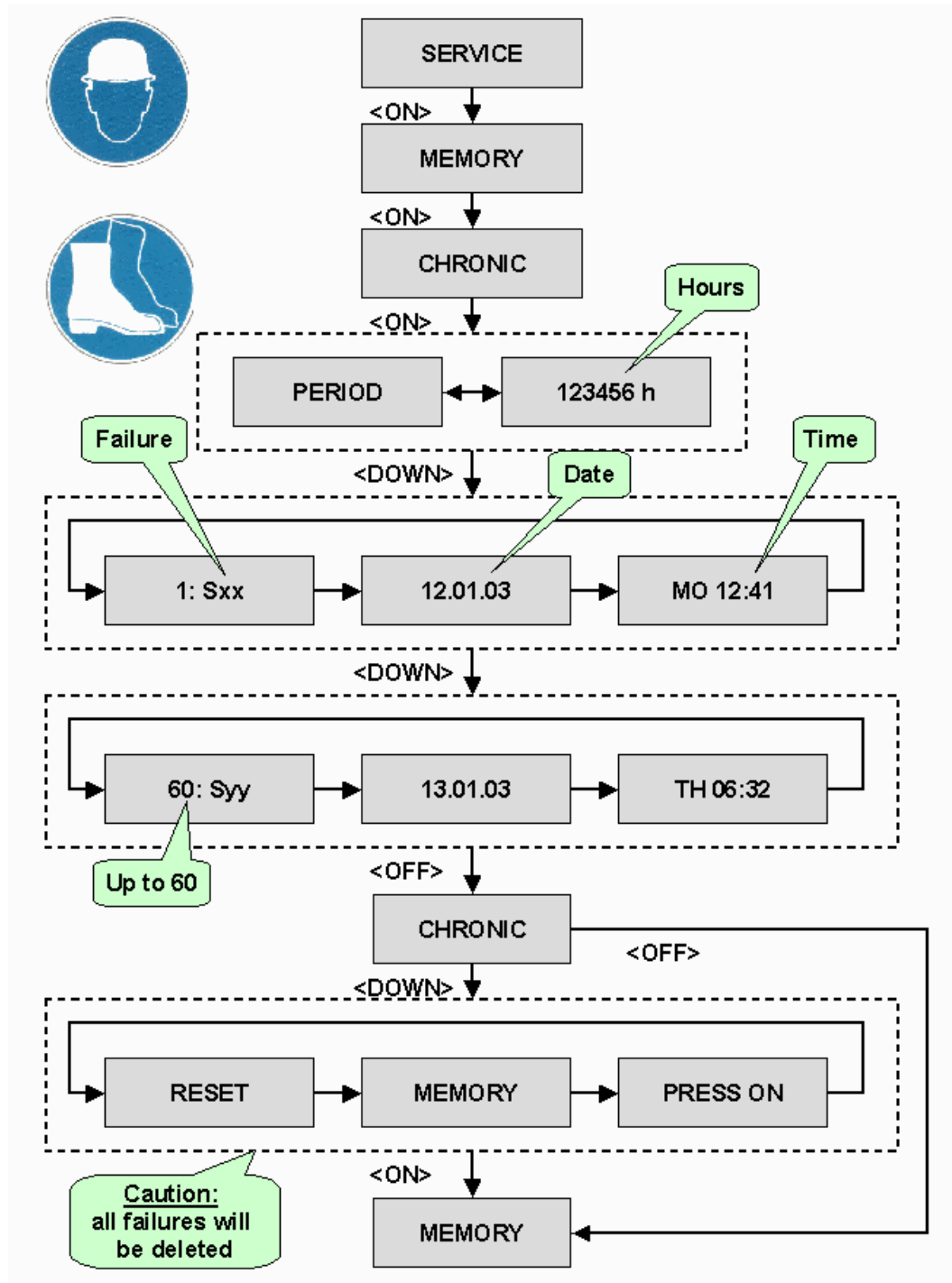
MSD	OTIS B25	PDU missing step upper landing
	OTIS B26	PDL missing step lower landing
	OTIS E24	Missing step via PLC

Access with Password

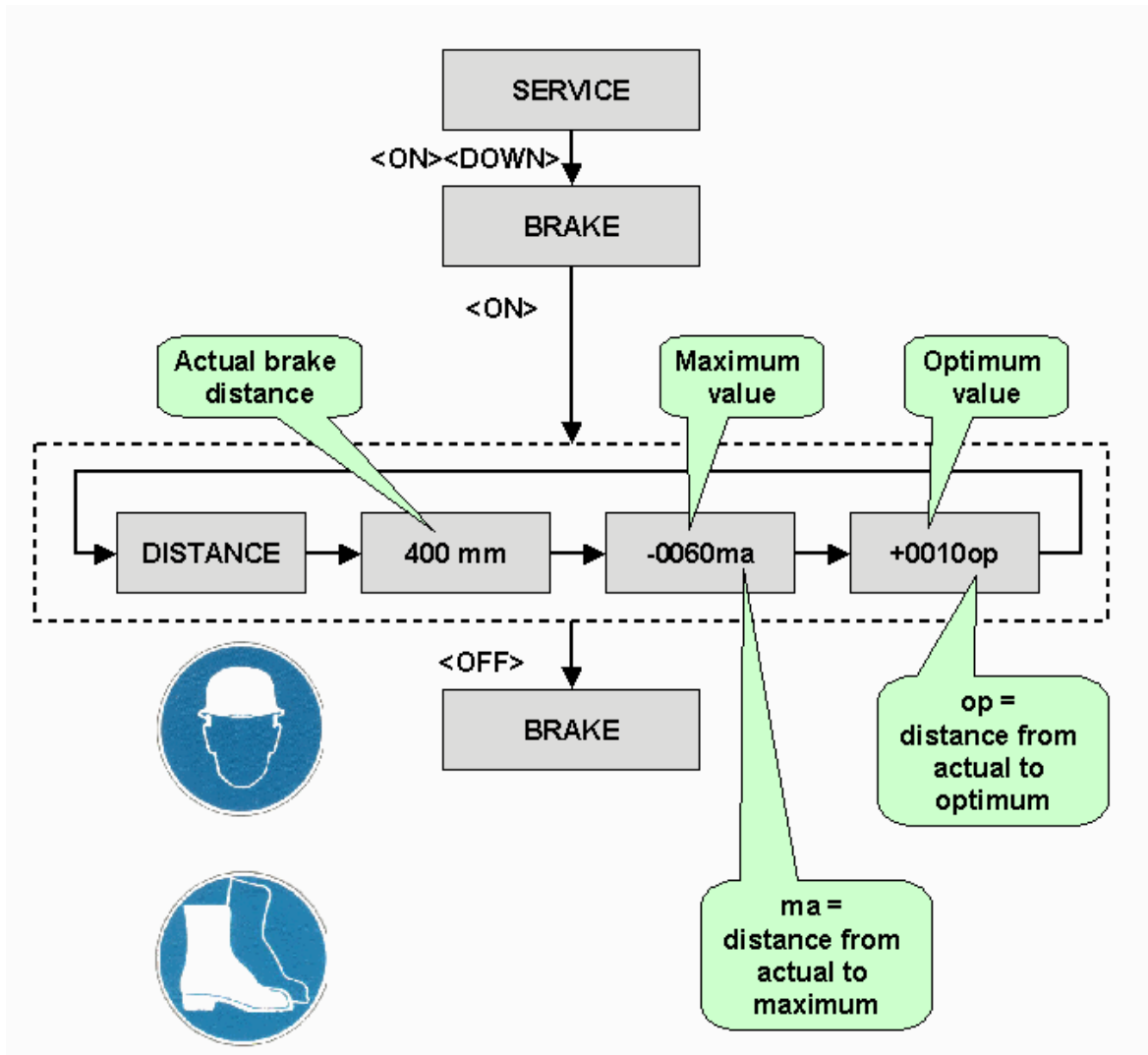


Tasks

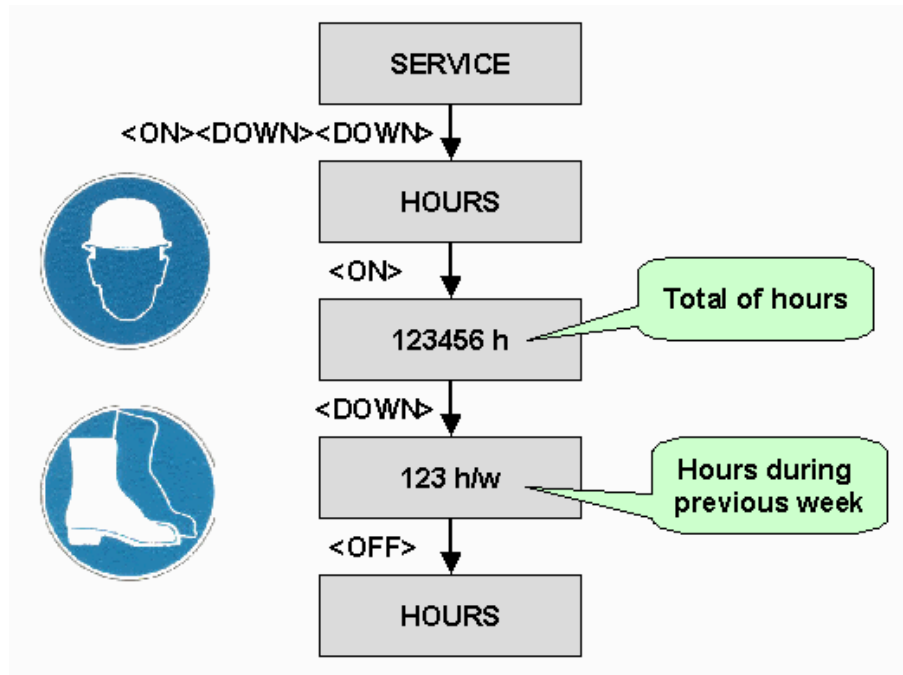
Memory (failure logging)



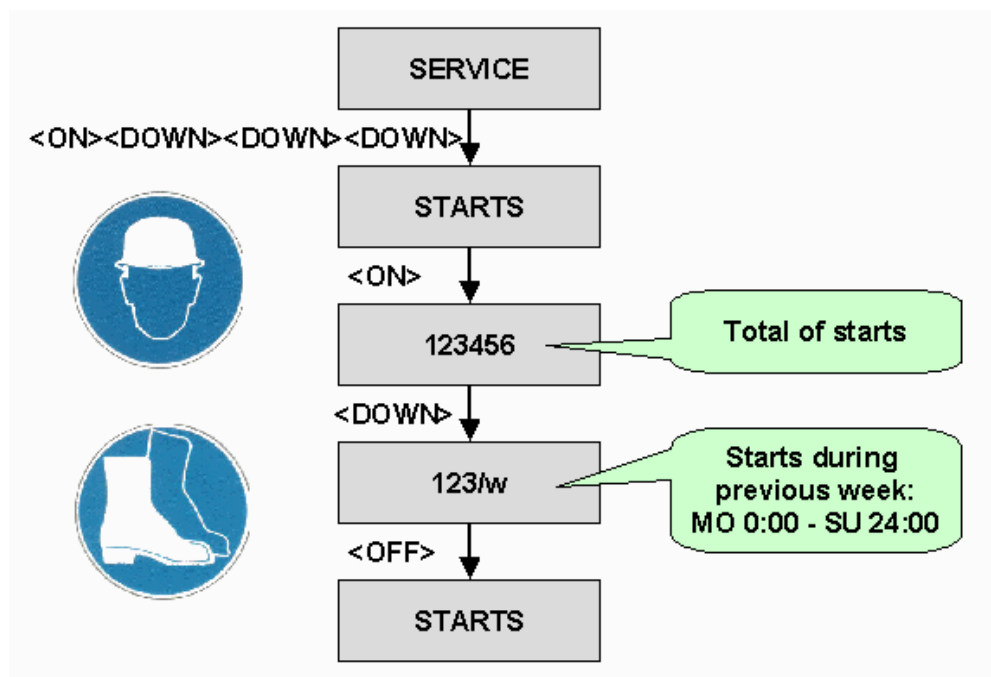
Brake (measurement)



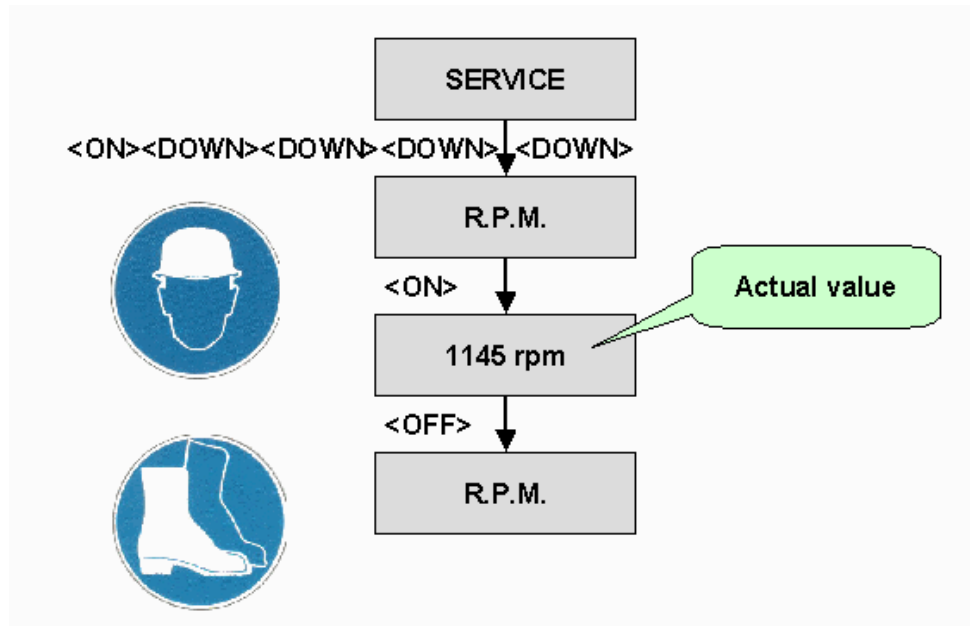
Hours (operation time)



Starts (counter)

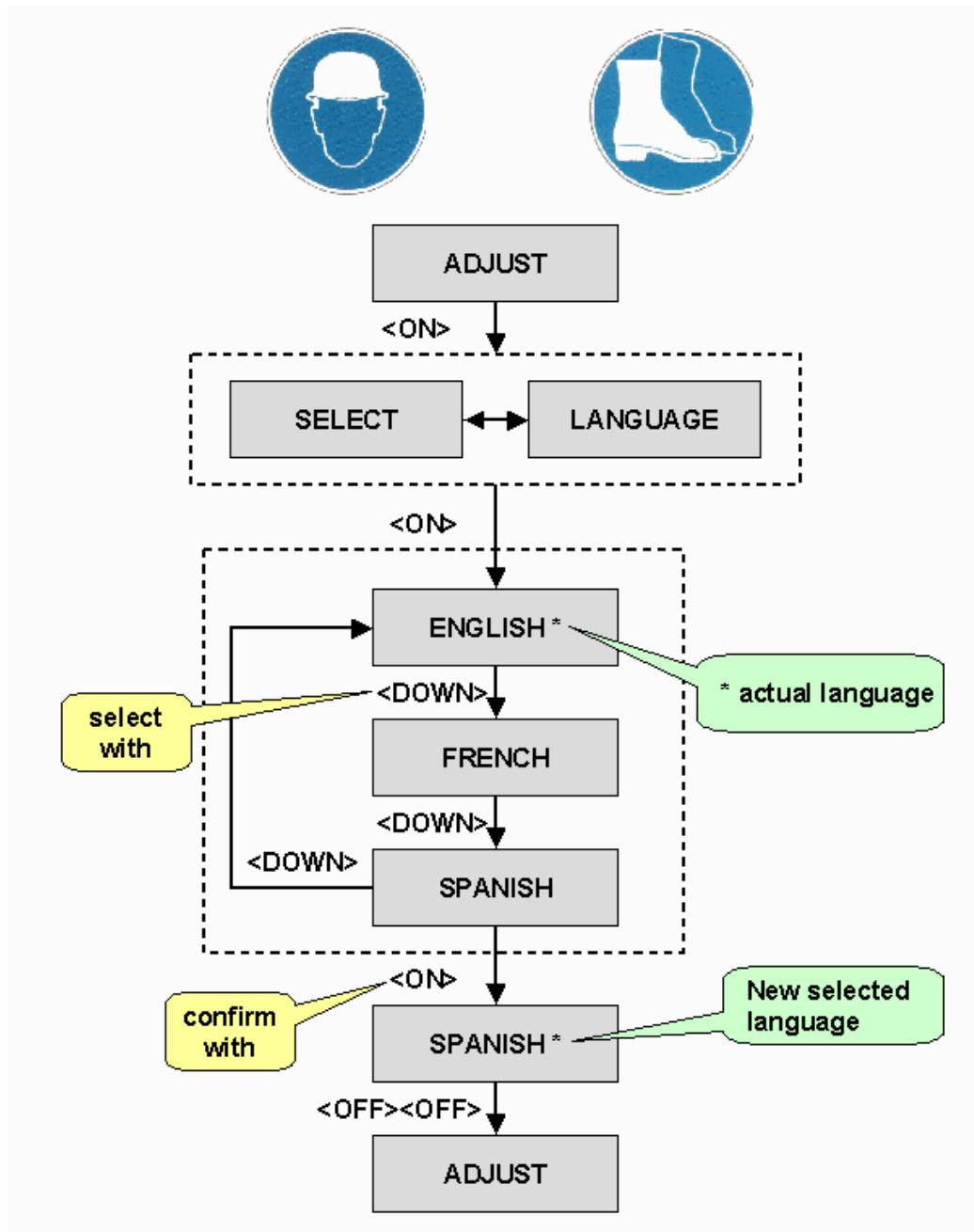


R.P.M. (motor speed)

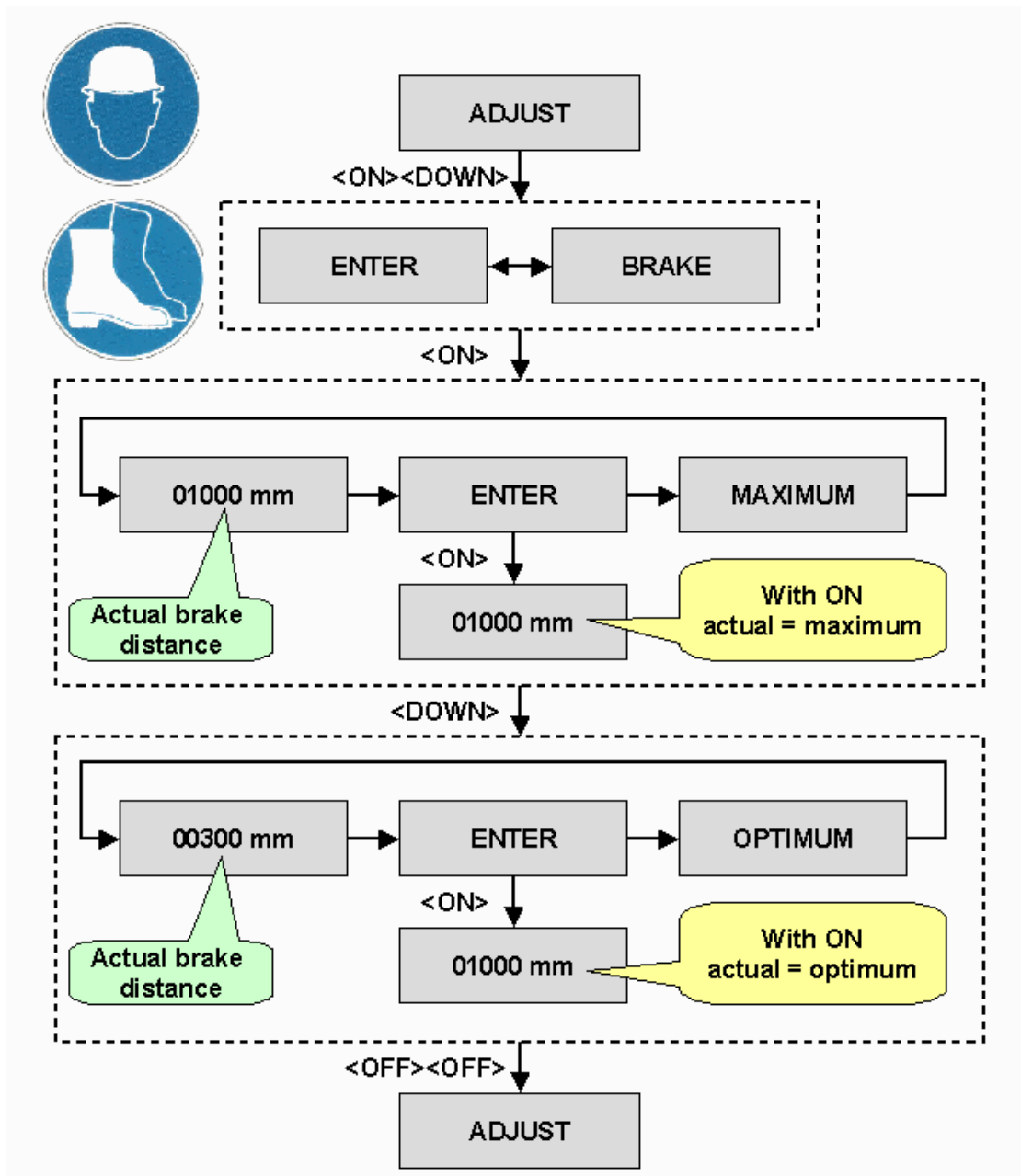


Adjustments

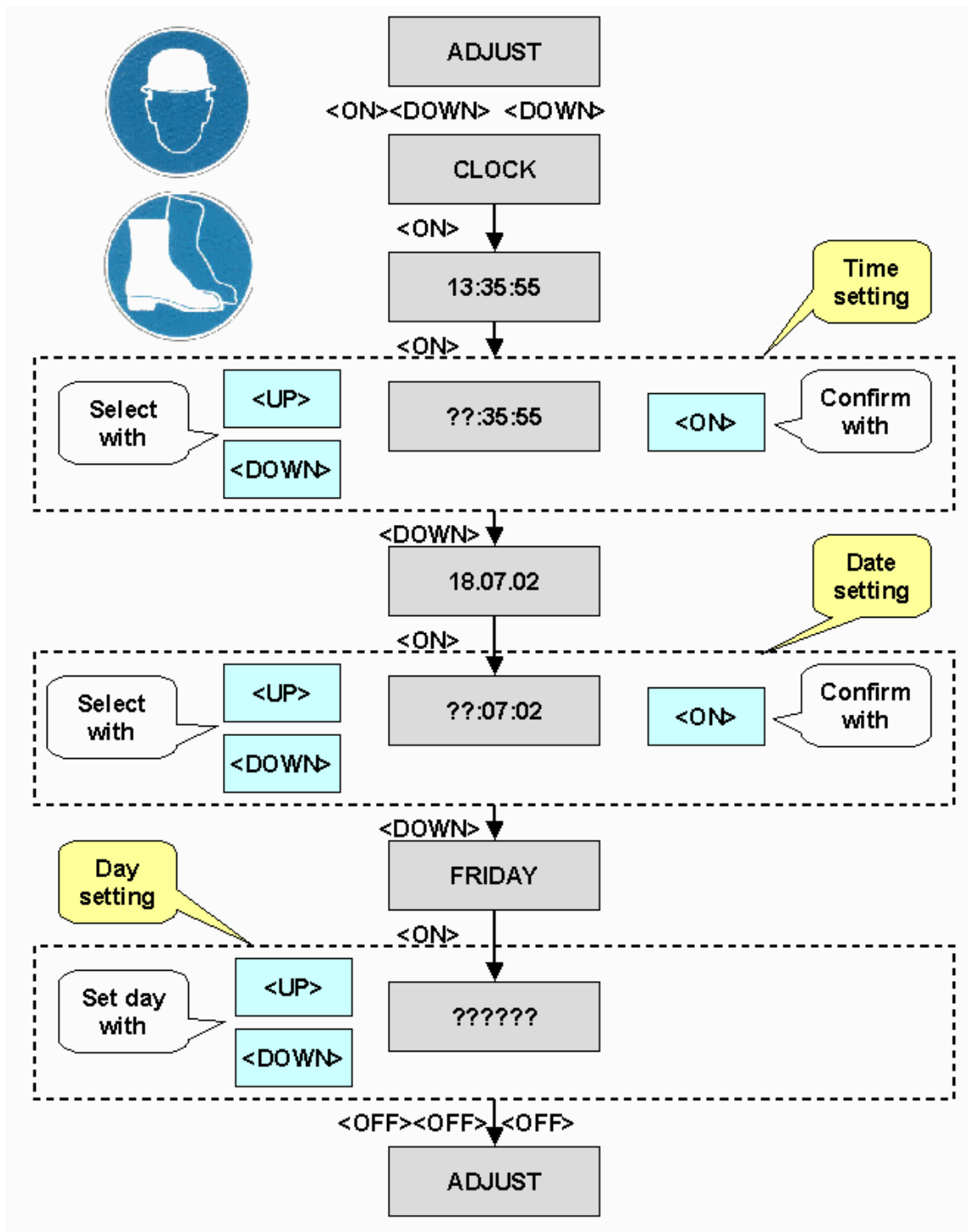
Select Language



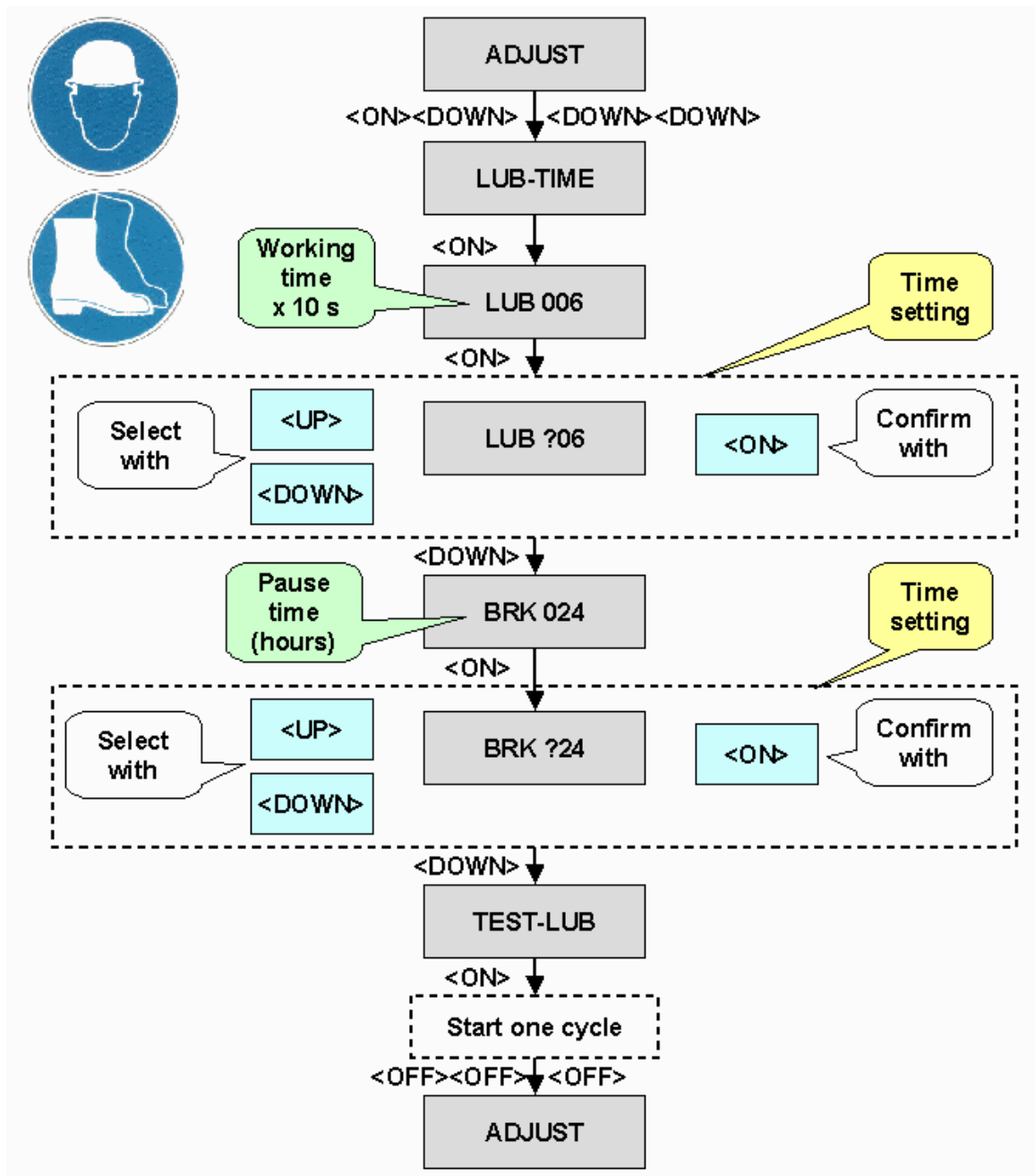
Adjust Brake Distance



Adjust Clock



Adjust Lubrication Timers



Adjust Star/Delta Time

