9. Read Current Data

A: OPERATION

For details concerning the work procedure, refer to the "PC application help for Subaru Select Monitor".

B: LIST

Items to be displayed	Unit of measure	Contents	Note
BATT voltage (control)	10 — 15 V	Body integrated unit input value	Always
BATT voltage (BACKUP)	10 — 15 V	Body integrated unit input value	Always
IG power supply voltage	10 — 15 V	Body integrated unit input value	Ignition switch ON
ACC voltage	10 — 15 V	Body integrated unit input value	Ignition switch ACC
Illumination VR Voltage	0 — 5 V	Body integrated unit input value	Input value from illumination volume
Illumi. output d-ratio	0 — 100%	Body integrated unit output value	Small light ON Illumination volume is other than bright.
number of regist.	0 — 4	Number of keyless key registered	
Front Wheel Speed	km/h	CAN data input value	Reception from VDC module
Fuel consumption	cc/s	CAN data input value	Reception from ECM
Coolant Temp.	−40 — 215°C	CAN data input value	Reception from ECM
Shift Position	1 — 3, D — S, D, N, R, P	CAN data input value	Reception from TCM
Buzzer beeping request	Status for 'beeping deactivated' Reverse warning Key warning buzzer Light Remained Buzzer Customize 1 Customize 2 Registration completed 1 Registration completed 2 Registered Registration NG	CAN data output value	Reception from body integrated unit
Destination	JPN U4, U5, U6 C0 EC, EA, E2, EL K4, C4, C6 KS EK ER, EN KA, KC EH C6	CAN data input value	—
Illumination Sensor Output	0 — 5 V	CAN data input value	—
Off delay time	OFF 10 Sec 20 Sec 30s	Body integrated unit setting value	Customize setting

Read Current Data

Items to be displayed	Unit of measure	Contents	Note
Auto Light Sensitivity Adjustment	Dull Normal Sensitive Very sensitive	Body integrated unit setting value	Customize setting
key-lock warning SW	ON/OFF	Body integrated unit input value	ON when ignition key inserted (model without keyless access)
ACC Input	ON/OFF	Body integrated unit input value	ON when ACC switch is ON (model with keyless access)
Stop light SW	ON/OFF	Body integrated unit input value	ON when brake pedal is depressed
Front fog lamp SW input	ON/OFF	Body integrated unit input value	When front fog light switch is ON
Driver's door SW input	ON/OFF	Body integrated unit input value	ON when driver's door is open
P-door SW input	ON/OFF	Body integrated unit input value	ON when passenger's door is open
Rear right door SW input	ON/OFF	Body integrated unit input value	ON when rear right door is open
Rear left door SW input	ON/OFF	Body integrated unit input value	ON when rear left door is open
R Gate SW input	ON/OFF	Body integrated unit input value	ON when rear gate/trunk open
Manual lock SW input	ON/OFF	Body integrated unit input value	Manual lock switch ON
Manual unlock SW input	ON/OFF	Body integrated unit input value	Manual unlock switch ON
Bright SW input	ON/OFF	Body integrated unit input value	Bright switch ON
P SW	ON/OFF	Body integrated unit input value	ON when shift range is in parking Shift lever P switch signal
MT Reverse Switch	ON/OFF	Body integrated unit input value	Reverse switch ON (for MT vehicle only)
R wiper ON SW input	ON/OFF	Body integrated unit input value	Rear wiper switch ON
R wiper INT SW input	ON/OFF	Body integrated unit input value	Rear wiper switch (INT ON)
R washer SW input	ON/OFF	Body integrated unit input value	Rear washer switch ON
Rr Defogger SW	ON/OFF	Body integrated unit input value	Rear defogger switch ON
Fr wiper input	ON/OFF	Body integrated unit input value	ON when front wiper is operating
Parking Brake SW	ON/OFF	Body integrated unit input value	Parking brake ON
Driver's seat lock status SW input	ON/OFF	Body integrated unit input value	Displays latch state, ON when locked
Passenger's seat lock status SW input	ON/OFF	Body integrated unit input value	Displays latch state, ON when locked
R gate lock status SW input	ON/OFF	Body integrated unit input value	Displays latch state, ON when locked
R Gate Release SW input	ON/OFF	Body integrated unit input value	Rear gate release switch ON
Rr Defogger output	ON/OFF	Body integrated unit output value	ON when rear defogger relay is operating

Read Current Data

Items to be displayed	Unit of measure	Contents	Note
lock actuat. LOCK output	ON/OFF	Body integrated unit output value	ON when LOCK signal is output
All seat UNLOCK output	ON/OFF	Body integrated unit output value	ON when unlock signal is output
D-seat UNLOCK output	ON/OFF	Body integrated unit output value	ON when unlock signal is output
R gate/trunk UNLK output	ON/OFF	Body integrated unit output value	ON when rear gate/trunk unlock signal is output
Rear Wiper Output	ON/OFF	Body integrated unit output value	ON when rear wiper motor is operating
Shift Lock Solenoid	ON/OFF	Body integrated unit output value	ON when shift lock solenoid is operating (only AT)
Key lock solenoid output	Lock/Unlock	Body integrated unit output value	LOCK when the key is locked
wiper deicer output	ON/OFF	Body integrated unit output value	ON when wiper deicer relay is operating
Hazard Output	ON/OFF	Body integrated unit output value	ON when answer-back signal is received or when hazard is operating
Keyless Buzzer Output	ON/OFF	Body integrated unit output value	ON when lock/unlock signal is received
Horn Output	ON/OFF	Body integrated unit output value	ON when security warning is operating
Illumination Light Output	ON/OFF	Body integrated unit output value	ON when illumination is illuminated
Room lamp output	ON/OFF	Body integrated unit output value	ON when keyless lock/unlock signal is received, or when opening or closing the door
Key Illumination Light Output	ON/OFF	Body integrated unit output value	ON when key illumination light is illuminated
Immobilizer Light output	ON/OFF	Body integrated unit output value	ON when immobilizer pilot light blinks
Keyless operation 1	Regist./Normal	Body integrated unit input value	When keyless registration connector connected
Keyless operation 2	Deletion/Normal	Body integrated unit input value	When keyless registration is deleted
Small Lamp SW	ON/OFF	Body integrated unit input value	ON when small light is illuminated
Headlight	ON/OFF	Body integrated unit input value	ON when headlight Lo is illuminated
High Beam	ON/OFF	Body integrated unit input value	ON when headlight Hi is illuminated
Blower fan information	ON/OFF	CAN data input value	Reception from ECM
Rear wiper auto setting	ON/OFF	Body integrated unit setting value	
TPMS Setting	TPMS/No TPMS	Body integrated unit setting value	Customize setting
Driver's Door Unlock Setting	Selection/ALL	Body integrated unit setting value	Customize setting
Rear Gate Unlock Setting	Selection/ALL	Body integrated unit setting value	Customize setting
Lighting I Switch Input	ON/OFF	Body integrated unit input value	Small light switch ON
Lighting II Switch Input	ON/OFF	Body integrated unit input value	Headlight switch ON

BC(diag)-17

Read Current Data

Items to be displayed	Unit of measure	Contents	Note
Lighting AUTO input	ON/OFF	Body integrated unit input value	Headlight AUTO switch ON
Dimmer Hi Switch Input	ON/OFF	Body integrated unit input value	Dimmer Hi switch ON
Dimmer Passing Switch Input	ON/OFF	Body integrated unit input value	Dimmer Pass switch ON
Illumination sensor flag	ON/OFF	Body integrated unit setting value	Shows the existence of illumination sensor
Lighting I light Output	ON/OFF	Relay drive	ON when small light is illuminated
Lighting II Light Output	ON/OFF	Relay drive	ON when headlight is illuminated
Lighting Hi Light Output	ON/OFF	Relay drive	ON when headlight Hi is illuminated
Front Fog Light Output	ON/OFF	Relay drive	When front fog light relay ON output
DRL Cancel Output	ON/OFF	Relay drive	When DRL cancel relay ON output
Power Supply Tr	ON/OFF	Inner Tr drive	Headlight auxiliary power supply ON
Map Light output	ON/OFF	Body integrated unit output value	ON when map light is illuminated
Luggage/Trunk lamp output	ON/OFF	Body integrated unit output value	ON when luggage/trunk light is illuminated
Front wiper AUTO switch input	ON/OFF	Body integrated unit input value	Front wiper Auto switch ON
Front wiper Low switch input	ON/OFF	Body integrated unit input value	Front wiper Lo switch ON
Front wiper High switch input	ON/OFF	Body integrated unit input value	Front wiper Hi switch ON
Front washer switch input	ON/OFF	Body integrated unit input value	Front wiper washer switch ON
Front wiper Low output	ON/OFF	Body integrated unit output value	ON when front wiper Lo is operating
Front wiper High output	ON/OFF	Body integrated unit output value	ON when front wiper Hi is operating
Rear defogger operation mode	Continuous/Normal	Body integrated unit setting value	Customize setting
Security Alarm Setup	ON/OFF	Body integrated unit setting value	Customize setting
Impact Sensor Setup	ON/OFF	Body integrated unit setting value	Customize setting
Alarm delay setup	ON/OFF	Body integrated unit setting value	Customize setting
Lockout prevention	ON/OFF	Body integrated unit setting value	Customize setting
Impact sensor	ON/OFF	Body integrated unit setting value	Customize setting
Buzzer sounding setting	ON/OFF	Body integrated unit setting value	Customize setting
Abnormal warning lamp flashing setting	ON/OFF	Body integrated unit setting value	Customize setting
Ans.-back Buzzer	ON/OFF	Body integrated unit setting value	Customize setting
Passive Alarm	ON/OFF	Body integrated unit setting value	Customize setting
Door open warning	ON/OFF	Body integrated unit setting value	Customize setting
Dome Light Alarm Setting	ON/OFF	Body integrated unit setting value	Customize setting

Read Current Data

Items to be displayed	Unit of measure	Contents	Note
Auto A/C ECU Setting	ON/OFF	Body integrated unit setting value	Customize setting
Wiper Deicer setting	ON/OFF	Body integrated unit setting value	Customize setting
Illumination Control On/Off	ON/OFF	Body integrated unit setting value	Customize setting
Sedan/Wagon Setting	Sedan/Wagon	Body integrated unit setting value	Customize setting
MT/AT Setting	MT/AT	Body integrated unit setting value	Customize setting
Destination Setting	JPN KA, KC KS For Europe LHD other than KS C0, C5 U4, U5, U6, C6 EK, ER	Body integrated unit setting value	Displays body integrated unit customizing
Seat Memory Setting	ON/OFF	Body integrated unit setting value	Customize setting
Illumination Sensor Setting	ON/OFF	Body integrated unit setting value	Customize setting
Factory initial setting	Market/Factory	Body integrated unit setting value	Displays body integrated unit customizing
Welcome Light Off Delay Time(Exiting)	OFF/30s/60 s/90 s	Body integrated unit setting value	Customize setting
Welcome Light Off Delay Time(Approaching)	OFF/30s/60 s/90 s	Body integrated unit setting value	Customize setting
Key less buzzer volume	1 — 7	Body integrated unit setting value	Customize setting

NOTE:
For detailed operation procedures, refer to "PC application help for Subaru Select Monitor".