8. 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	Remarks	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.
Ambient Temperature	−40 — 87.5°C	CAN data input value	Ignition switch ON
Fuel level voltage	0 — 8.89 V	Body integrated unit input value	Ignition switch ON
Fuel level resistance	0 — 102.3 Ω	Body integrated unit input value	Ignition switch ON
number of regist.	0 — 4	Number of keyless key registered	
Front Wheel Speed	km/h	CAN data input value	Reception from VDC module
Blower Fan Steps	0 — 2 levels	CAN data input value	0: OFF, 1: Low, 2: 2 levels or more Reception from air conditioner ECM
Fuel level resistance 2	0 — 102.3 Ω	CAN data output value	Reception from body integrated unit
Fuel consumption	cc/s	CAN data input value	Reception from ECM and transmission to center monitor
Coolant Temp.	−40 — 130°C	CAN data input value	Reception from ECM
Vehicle longitudinal G	m/s^2	CAN data input value	Reception from VDC module
Shift Position	0 — 7 levels	CAN data input value	0: 1, 1: 2, 2: 3, 3: 4, 4: D, 5: N, 6: R, 7: P shift position (8 indicates no input) Reception from TCM
Buzzer beeping request	No beeping Reverse warning Belt warning Key warning Beeping pattern 1 Beeping pattern 2 Free beeping ---	CAN data output value	Reception from body integrated unit
EPB Operating status	Error Cancellation Operation Operating Cancelling Dynamic parking	CAN data input value	Reception from EPB
D-belt warning light O/P	Light ON Light blinking Light OFF	CAN data input value	

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Items to be displayed	Unit of measure	Remarks	Note
P-belt warning light O/P	Light ON Light blinking Light OFF	CAN data input value	
Engine displacement	1.5L — 3.6L	CAN data input value	Display engine equipped
Destination Code	0 — 16	CAN data input value	—
Illumination Sensor Output	0 — 1250 Hz	CAN data input value	—
key-lock warning SW	ON/OFF	Body integrated unit input value	ON when ignition key inserted
Stop Light Switch	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
TPMS input	ON/OFF	Body integrated unit input value	TPMS registration answer-back signal
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
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
Driver's Seat SW input	ON/OFF	Body integrated unit input value	Driver's seat buckle switch ON
P seatbelt SW input	ON/OFF	Body integrated unit input value	Passenger's seat buckle switch ON
Fr wiper input	ON/OFF	Body integrated unit input value	ON when front wiper is operating
R gate lock status SW input	ON/OFF	Body integrated unit input value	Displays latch state, ON when locked
Rear gate/Trunk release switch	ON/OFF	Body integrated unit input value	Rear gate/trunk release switch ON
Rr defogger output	ON/OFF	Body integrated unit output value	ON when rear defogger relay is operating
lock actuat. LOCK output	ON/OFF	Body integrated unit output value	ON when LOCK signal is output

Items to be displayed	Unit of measure	Remarks	Note
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
R 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	lock/unlock	Body integrated unit output value	With ignition switch ON and in other than the shift P range, with key in switch ON
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
Siren Output	ON/OFF	Body integrated unit output value	ON when siren equipped, customize setting enable, and security warning in operation
Illumination lamp O/P	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 (when key in switch connector is removed)
key illumi. lamp o/p	ON/OFF	Body integrated unit output value	ON when key illumination light is illuminated
Immobilizer lamp 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 Light SW	ON/OFF	Body integrated unit input value	ON when small light is illuminated
Headlamp	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
Rr Defogger SW	ON/OFF	Body integrated unit output value	Rear defogger switch ON
Number of cylinders	4 Cylinder/6 Cylinder	CAN data input value	Display engine equipped
Cam shaft specification	SOHC/DOHC	CAN data input value	Display engine equipped
Turbo	Turbo/Non-turbo	CAN data input value	Display engine equipped
AT Vehicle ID Signal	ON/OFF	CAN data input value	Display transmission equipped
Blower fan information	ON/OFF	CAN data input value	ON when blower fan is operating (always OFF for auto A/C equipped models)
Auto A/C failure	OK/NG	CAN data input value	NG when there is a failure in auto air conditioning system Reception from auto A/C module
Lighting I Switch Input	ON/OFF	Body integrated unit input value	Small light switch ON

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Items to be displayed	Unit of measure	Remarks	Note
Lighting II Switch Input	ON/OFF	Body integrated unit input value	Headlight switch ON
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 Pass Switch Input	ON/OFF	Body integrated unit input value	Dimmer Pass switch ON
Illumination sensor flag	ON/OFF	Body integrated unit input value	
Lighting I Lamp Output	ON/OFF	Relay drive	ON when small light is illuminated
Lighting II Lamp Output	ON/OFF	Relay drive	ON when headlight is illuminated
Lighting Hi Lamp Output	ON/OFF	Relay drive	ON when headlight Hi is illuminated
Front Fog Lamp 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	
Map lamp output	ON/OFF	Body integrated unit output value	
Luggage/Trunk lamp output	ON/OFF	Body integrated unit output value	
Off delay time	OFF — Long	Body integrated unit setting value	
Auto Light Sensitivity Adjustment	0 — 3	Body integrated unit setting value	
Rr defogger op. mode	Continuous/Normal	Body integrated unit setting value	
Security Alarm Setup	ON/OFF	Body integrated unit setting value	
Alarm delay setup	ON/OFF	Body integrated unit setting value	
Lockout prevention	ON/OFF	Body integrated unit setting value	
Impact sensor	ON/OFF	Body integrated unit setting value	
Answer-back buzzer setup	ON/OFF	Body integrated unit setting value	
Hazard answer-back setup	ON/OFF	Body integrated unit setting value	
Ans.-back Buzzer	ON/OFF	Body integrated unit setting value	
Auto locking	ON/OFF	Body integrated unit setting value	
Passive Alarm	ON/OFF	Body integrated unit setting value	
Door open warning	ON/OFF	Body integrated unit setting value	
Dome Light Alarm Setting	ON/OFF	Body integrated unit setting value	
Belt Warning Switch	ON/OFF	Body integrated unit setting value	
A/C ECM setting	ON/OFF	Body integrated unit setting value	
Line Navigation Setting	ON/OFF	Body integrated unit setting value	

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Items to be displayed	Unit of measure	Remarks	Note
wiperdeicer	ON/OFF	Body integrated unit setting value	
Sedan/Wagon Setting	Sedan/wagon	Body integrated unit setting value	
MT/AT Setting	MT/AT	Body integrated unit setting value	
6MT Setting	6MT/Other than 6MT	Body integrated unit setting value	
Destination Setting	0 — 16	Body integrated unit setting value	
Factory or Market setting	Market/Factory	Body integrated unit setting value	Displays body integrated unit customizing
SCU applicable	Applicable/Not applicable	Body integrated unit setting value	(Models for Canada only)

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