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
ABS_CM Power 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 input value	0 — 500 Ω	Body integrated unit input value	Ignition switch ON
number of regist.	0 — 4	Number of keyless key registered	(model without keyless access)
Front Wheel Speed	km/h	CAN data input value	Reception from VDC module
Blower fan steps	OFF, 1 — 5 steps, MAX	CAN data input value	Reception from air conditioner ECM
Fuel level resistance output value	0 — 102.3 Ω	CAN data output value	Reception from body integrated unit
Fuel consumption	cc/s	CAN data input value	Reception from ECM
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	1 — 4, D, N, R, P	CAN data input value	Reception from TCM
Buzzer beeping request	No beeping 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 Cancel Operate Operating Cancelling Dynamic parking	CAN data input value	Reception from EPB
D-belt warning light O/P	Light up Flashing Light off	CAN data output value	Reception from body integrated unit
P-belt warning light O/P	Light up Flashing Light off	CAN data output value	Reception from body integrated unit
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	—

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Items to be displayed	Unit of measure	Remarks	Note
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 is ON (only for 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
TPMS input	ON/OFF	Body integrated unit input value	TPMS registration answer-back signal
Driver's Request switch request input	ON/OFF	Body integrated unit input value	ON when request SW is ON (model with keyless access)
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
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
Driver's seat lock status SW input	ON/OFF	Body integrated unit input value	Displays latch state, ON when locked (only for model with keyless access)
Passenger's seat lock status SW input	ON/OFF	Body integrated unit input value	
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

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BODY CONTROL SYSTEM (DIAGNOSTICS)

Items to be displayed	Unit of measure	Remarks	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
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	LOCK when the key is locked (model without keyless access)
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 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 (model without keyless access)
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 is connected (model without keyless access)
Keyless operation 2	Deletion/Normal	Body integrated unit input value	When keyless registration is deleted (model without keyless access)
Small Lamp 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	CAN data input 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/Without 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	Reception from air conditioner CM
Auto A/C failure	OK/NG	CAN data input value	Reception from air conditioner CM
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

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Items to be displayed	Unit of measure	Remarks	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 Pass Switch Input	ON/OFF	Body integrated unit input value	Dimmer Pass switch ON
Illumination sensor flag	ON/OFF	Body integrated unit input value	Reception from air conditioner CM
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	Headlight auxiliary power supply ON
Map lamp 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
Trunk open cancel SW input	ON/OFF	Body integrated unit input value	
Off delay time	OFF — Long	Body integrated unit setting	Customize setting
Auto Light Sensitivity Adjustment	0 — 3	Body integrated unit setting	Customize setting
Rr defogger op. mode	Continuous/Normal	Body integrated unit setting	Customize setting
Security Alarm Setup	ON/OFF	Body integrated unit setting	Customize setting
Impact Sensor Setup	ON/OFF	Body integrated unit setting	Customize setting
Alarm delay setup	ON/OFF	Body integrated unit setting	Customize setting
Lockout prevention	ON/OFF	Body integrated unit setting	Customize setting
Impact sensor	ON/OFF	Body integrated unit setting	Customize setting
Answer-back buzzer setup	ON/OFF	Body integrated unit setting	Customize setting
Hazard answer-back setup	ON/OFF	Body integrated unit setting	Customize setting
Ans.-back Buzzer	ON/OFF	Body integrated unit setting	Customize setting
Auto locking	ON/OFF	Body integrated unit setting	Customize setting
Select unlock switch	Selection/ALL	Body integrated unit setting value	Customize setting
Passive Alarm	ON/OFF	Body integrated unit setting	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
Belt Warning Switch	ON/OFF	Body integrated unit setting value	Customize setting

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Items to be displayed	Unit of measure	Remarks	Note
A/C ECM setting	ON/OFF	Body integrated unit setting value	Customize setting
Line Navigation Setting	ON/OFF	Body integrated unit setting value	Customize setting
wiperdeicer	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
6MT Setting	6MT/Other than 6MT	Body integrated unit setting value	Customize setting
Destination Setting	0 — 16	Body integrated unit setting value	Displays body integrated unit customizing
Seat Memory 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
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".