

## Read Current Data

BODY CONTROL SYSTEM (DIAGNOSTICS)

### 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	Content	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
IGN 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
Illumination 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 Temperature	−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 Code	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 10s 20s 30s	Body integrated unit setting value	Customize setting
Auto Light Sensitivity Adjustment	Dull Normal Sensitive Very sensitive	Body integrated unit setting value	Customize setting

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Items to be displayed	Unit of measure	Content	Note
key-lock warning SW Input	ON/OFF	Body integrated unit input value	ON when ignition key inserted
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
Rear fog lamp SW input	ON/OFF	Body integrated unit input value	When rear 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
lock actuator 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

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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	ON/OFF	Body integrated unit output value	ON when key-lock status
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
R fog Light output	ON/OFF	Body integrated unit output value	ON when rear fog light is ON
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 ID is registered
Keyless operation 2	Deletion/Normal	Body integrated unit input value	When keyless ID 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
Power rear gate setting	ON/OFF	Body integrated unit setting value	Not applicable (OFF fixed)
Lane change signal setting	ON/OFF	Body integrated unit setting value	Customize setting
Rear wiper auto setting	ON/OFF	Body integrated unit setting value	Customize setting
Xmode SW setting	ON/OFF	Body integrated unit setting value	Not applicable (OFF fixed)
Left turn signal input	ON/OFF	Body integrated unit input value	ON when turn signal switch is ON
Right turn signal input	ON/OFF	Body integrated unit input value	ON when turn signal switch is ON
Left turn signal output	ON/OFF	Body integrated unit output value	ON when turn signal is output

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Items to be displayed	Unit of measure	Content	Note
Right turn signal output	ON/OFF	Body integrated unit output value	ON when turn signal is output
XmodeSW input	ON/OFF	Body integrated unit input value	Not applicable (OFF fixed)
XmodeSW output	ON/OFF	Body integrated unit output value	Not applicable (OFF fixed)
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
One-touch Turn Signal System Setup	ON/OFF	Body integrated unit setting value	Customize setting
Auto Wiper System (Rear) Setup	ON/OFF	Body integrated unit setting value	Customize setting
Steering Responsive Fog Lamp Setting	ON/OFF	Body integrated unit setting value	Customize setting
Steering Responsive Fog Lamp OFF SW Input	ON/OFF	Body integrated unit input value	ON when SRF OFF switch is ON
Steering Angle Sensor	-3276.8 — 3276.8deg	CAN data input value	Reception from VDC module
Steering Responsive Fog Lamp Mode	OFF/ON/Fail	SRF status	OFF in an SRF OFF mode ON in an SRF ON mode Fail at the time of SRF failure
Steering Responsive Fog Lamp (Right) Output	ON/OFF	Body integrated unit output value	ON when SRF (R) is illuminated
Steering Responsive Fog Lamp (Left) Output	ON/OFF	Body integrated unit output value	ON when SRF (L) is illuminated
SRF(R) CAN Output	ON/OFF	CAN data output value	ON when SRF (R) is illuminated
SRF(L) CAN Output	ON/OFF	CAN data output value	ON when SRF (L) is illuminated
Steering Responsive Fog Lamp Indicator Signal	OFF/ON/Blink	CAN data output value	Goes off in an SRF ON mode Lights up in an SRF OFF mode Flashes at the time of SRF failure
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
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

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Luggage/Trunk lamp output	ON/OFF	Body integrated unit output value	ON when luggage/trunk light is illuminated
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	Fixed to ON
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
Auto A/C ECU Setting	ON/OFF	Body integrated unit setting value	Customize setting
wiper deicer	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

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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
Ambient temperature sensor trouble	Abnormal/Normal	Body integrated unit input value	—
Welcome Light Off Delay Time(Exiting)	OFF/30s/60s/90s	Body integrated unit setting value	Customize setting
Welcome Light Off Delay Time(Approaching)	OFF/30s/60s/90s	Body integrated unit setting value	Customize setting
Keyless 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”.