PID/DATA MONITOR TABLE [REAR BODY CONTROL MODULE (RBCM)]

—: Not applicable

PID	Unit/ Operation	Data contents	Data read/use method	Inspection item(s)
AT_DL_IG	Off/On	• Off: Door lock actuator does not operate to unlock in conjunction with ignition off. • On: Door lock actuator operates to unlock in conjunction with ignition off.	—	Door lock actuator
AT_DL_SHIFT	Off/On	• Off: Door lock actuator does not operate to lock or unlock in conjunction with shifting. • On: Door lock actuator operate to lock or unlock in conjunction with shifting.	—	Door lock actuator
AT_DL_VSPD	Off/On	• Off: Door lock actuator does not operate to lock in conjunction with vehicle speed. • On: Door lock actuator operates to lock in conjunction with vehicle speed.	—	Door lock actuator
BG_HORN_RLY*1	Off/On	• Off: Theft-deterrent horn relay is off. • On: Theft-deterrent horn relay is on.	—	• Theft-deterrent horn relay • Rear body control module (RBCM)
BRAKE_SW*2	Off/On	• Off: Brake switch (No. 1 signal) is off (brake pedal is not depressed). • On: Brake switch (No. 1 signal) is on (brake pedal is depressed).	—	Brake switch
C_DL_SW_LK*3	Off/On	• Off: Door lock switch is not in lock. • On: Door lock switch is in lock.	—	Door lock switch
C_DL_SW_UNL*3	Off/On	• Off: Door lock switch is not in unlock. • On: Door lock switch is in unlock.	—	Door lock switch
CNT_S_COMM	—	The rear body control module (RBCM) counts the lock/unlock request signal (serial transmission) received from the start stop unit. **Note** • If number of times **exceeds 15**, display returns to 0.	If the lock/unlock operation is performed by the remote transmitter or request switch, the start stop unit sends the lock/unlock request signal to the rear body control module (RBCM). If the lock/unlock request signal is received normally, the rear body control module (RBCM) increases the counter by one for the PID. When monitoring PID item CNT_S_COMM, switch the ignition off because the start stop unit does not output the lock/unlock signal when the ignition is switched ON.	Start stop unit
DL_MT_A_LK	Off/On	• Off: All door lock actuators are not operated to lock. • On: All door lock actuators are operated to lock.	—	Door lock actuator

PID	Unit/ Operation	Data contents	Data read/use method	Inspection item(s)
DL_MT_A_ UNL	Off/On	• Off: All door lock actuators are not operated to unlock. • On: All door lock actuators are operated to unlock.	—	Door lock actuator
DL_MT_D_ UNL*4	Off/On	• Off: Front door lock actuator (driver's side) is not operated to unlock. • On: Front door lock actuator (driver's side) is operated to unlock.	—	Front door lock actuator (driver's side)
DL_MT_S- LK*5	Off/On	• Off: Double locking system is not operated. • On: Double locking system is operated.	—	Door lock actuator
DOOR_ALL	Close/ OPEN	• Close: All doors are closed. • OPEN: Any door is open.	—	Door latch switch
DOOR_D	Close/ OPEN	• Close: Driver's door is closed. • OPEN: Driver's door is open.	—	Front door latch switch (driver's door)
ELAT_MT_ RLY	Off/On	• Off: Liftgate latch is not operated to unlock. • On: Liftgate latch is operated to unlock.	—	Liftgate latch and lock actuator
ELAT_UNL	Off/On	• Off: Liftgate latch is not operated to unlock. • On: Liftgate latch is operated to unlock.	—	Liftgate latch and lock actuator
FUEL_SEN _M	V	Displays input voltage of fuel gauge sender unit input from rear body control module (RBCM)	If the fuel tank level is low, the rear body control module (RBCM) input voltage increases because the fuel gauge sender unit resistance decreases.	Fuel gauge sender unit
FUEL_SEN _S*6	V	Displays fuel gauge sender unit (SUB) input voltage input from rear body control module (RBCM)	If there is no fuel gauge sender unit (SUB), a constant **5 V** is output.	Fuel gauge sender unit (SUB)
FUEL_SEN _SV	V	Displays power voltage supplied to fuel gauge sender unit from rear body control module (RBCM) **Caution** • **The battery voltage is supplied to the fuel gauge sender unit from the rear body control module (RBCM), however display of the PID item is controlled by the microcomputer and therefore 5 V is displayed. Accordingly, even if the actual terminal voltage differs from the PID item display, this does not indicate an abnormality.**	After switching the ignition off, supply of the battery voltage to the fuel gauge sender unit from the rear body control module (RBCM) continues until the CAN communication is in the sleep mode.	• Fuel gauge sender unit • Fuel gauge sender unit (SUB)
HOOD*7	Close/ OPEN	• Close: Bonnet is closed. • OPEN: Bonnet is open.	—	Bonnet latch switch

PID	Unit/ Operation	Data contents	Data read/use method	Inspection item(s)
IG1_SW	Off/On	Displays power input condition of rear body control module (RBCM) • Off: IG1 power is not input to rear body control module (RBCM) • On: IG1 power is input to rear body control module (RBCM)	If there is a malfunction in the IG1 power supply input to the rear body control module (RBCM), the door lock and interior light controls, which the rear body control module (RBCM) controls, do not operate normally because PID item IG1_SW is used for determining ignition on/off for the rear body control module (RBCM).	IG1 relay
KC_SW_D_LK	Off/On	• Off: Front door key cylinder switch is not in lock. • On: Front door key cylinder switch is in lock.	—	Front door key cylinder switch
KC_SW_D_UNL	Off/On	• Off: Front door key cylinder switch is not in unlock. • On: Front door key cylinder switch is in unlock.	—	Front door key cylinder switch
LL_P/R*7	Unlock/ Other	• Unlock: Front door lock-link switch (passenger's side), rear door lock-link switch (LH), rear door lock-link switch (RH) are in unlock. • Other: Front door lock-link switch (passenger's side), rear door lock-link switch (LH), rear door lock-link switch (RH) are in lock.	—	• Front door lock-link switch (passenger's door) • Rear door lock-link switch (LH) • Rear door lock-link switch (RH)
LL_SW_D_LK	Off/On	• Off: Front door lock-link switch (driver's side) is in unlock. • On: Front door lock-link switch (driver's side) is in lock.	—	Front door lock-link switch (driver's door)
LL_SW_D_UNL	Off/On	• Off: Front door lock-link switch (driver's side) is in lock. • On: Front door lock-link switch (driver's side) is in unlock.	—	Front door lock-link switch (driver's door)
R_FOG_L_CS*8	Off/On	• Off: Rear fog light on signal is not received. • On: Rear fog light on signal is received.	—	Front body control module (FBCM)
R_FOG_LMP*8	Off/On	• Off: Rear fog light is turned off. • On: Rear fog light is turned on.	—	Rear fog light
R_LMP	Off/On	• Off: Back-up light is turned off. • On: Back-up light is turned on.	—	Back-up light
R_LMP_CS	Off/On/ Unknown/ Fault	• Off: Back-up light off signal is received. • On: Back-up light on signal is received. • Unknown: Back-up light off signal not determined • Fault: Communication with instrument cluster is failed.	—	• Instrument cluster • Back-up light
R_WIP_MT_LO	Off/On	• Off: Rear wiper motor is not operated. • On: Rear wiper motor is operated.	—	Rear wiper motor
ROOM_LMP	Off/On	• Off: Map light is turned off. • On: Map light is turned on.	—	• Front map light • Rear map light
SEAT_B_2C*9	Unbuckled/ Buckled	• Unbuckled: Second-row center seat belt is not fastened. • Buckled: Second-row center seat belt is fastened.	—	Rear center buckle switch

PID	Unit/ Operation	Data contents	Data read/use method	Inspection item(s)
SEAT_B_2L *9	Unbuckled/ Buckled	• Unbuckled: Second-row left-side seat belt is not fastened. • Buckled: Second-row left-side seat belt is fastened.	—	Rear buckle switch (LH)
SEAT_B_2 R*9	Unbuckled/ Buckled	• Unbuckled: Second-row right-side seat belt is not fastened. • Buckled: Second-row right-side seat belt is fastened.	—	Rear buckle switch (RH)
STOP_LMP *2	Off/On	• Off: Brake light is turned off. • On: Brake light is turned on.	—	Brake light
STOP_LMP _CS*2	Off/On	• Off: Brake light off signal is received. • On: Brake light on signal is received.	—	• Instrument cluster • Brake light
T_ROOM_L MP	Off/On	• Off: Cargo compartment light is turned off. • On: Cargo compartment light is turned on.	—	Cargo compartment light
T_UNL_SW	Off/On	• Off: Liftgate opener switch is not pressed. • On: Liftgate opener switch is pressed.	—	Liftgate opener switch
TRUNK	Close/ OPEN	• Close: Liftgate is closed. • OPEN: Liftgate is open.	—	Liftgate latch switch
VPWR_B_R	V	Voltage at rear body control module (RBCM) terminal 2P (+B power supply) is displayed.	—	Battery
VPWR_IG1	V	Voltage at rear body control module (RBCM) terminal 2I (IG1 power supply) is displayed.	—	• IG1 relay • Battery

*1 : With theft-deterrent horn

*2 : With smart city brake support

*3 : With door lock switch

*4 : With 2-step unlocking

*5 : With double locking system

*6 : 4WD

*7 : With theft-deterrent system

*8 : With rear fog light

*9 : With rear seat belt reminder system