

PID/DATA MONITOR TABLE [BLIND SPOT MONITORING (BSM)]

id0902i3960700

BSM Control Module (LH)

—: Not applicable

PID name	Unit/Status	Data contents	Inspection item(s)
BSM_ST	On/Off	<ul style="list-style-type: none"> On: BSM is operated. Off: BSM is not operated. 	BSM control module (LH)
DTC_CNT	—	Number of DTCs stored in the BSM control module (LH) is displayed.	BSM control module (LH)
SHIFT_R	Not_R/R	ATX: <ul style="list-style-type: none"> Not_R: Selector lever is in position other than R. R: Selector lever is in R position. MTX: <ul style="list-style-type: none"> Not_R: Shift lever is in position other than reverse. R: Shift lever is in reverse position. 	ATX: <ul style="list-style-type: none"> Transaxle range sensor (TCM) MTX: <ul style="list-style-type: none"> Back-up light switch
SWA_POS	° (deg)	Displays steering angle signal (estimated absolute angle) <ul style="list-style-type: none"> Steering wheel in neutral position: Near 0 degrees Steering wheel turned to left: Changes from 0 degrees to positive Steering wheel turned to right: Changes from 0 degrees to negative 	<ul style="list-style-type: none"> Perform the DTC inspection for the PCM, DSC HU/CM, and EPS CM, and if any DTC is displayed, repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DTC TABLE [SKYACTIV-D 2.2].) (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.) After performing the DTC inspection, perform the following procedures: <ul style="list-style-type: none"> Switch the ignition off, and after 2 min or more have elapsed, switch the ignition ON (engine off or on). Start the engine and drive the vehicle 10 m {33 ft} or more in a straight line at a speed of 10 km/h {6.2 mph} or more. Stop the vehicle with the wheels in the straight-ahead position. Verify the operation condition of STR_AB_ANG using the M-MDS. If an abnormal value is indicated again, replace the EPS CM. (See STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION.)
TURN_SW_L	On/Off	<ul style="list-style-type: none"> On: Turn switch is in LH position. Off: Turn switch is in position other than LH. 	Turn Switch
TURN_SW_R	On/Off	<ul style="list-style-type: none"> On: Turn switch is in RH position. Off: Turn switch is in position other than RH. 	Turn Switch
VPWR_IG1	V	BSM control module (LH) power supply voltage is displayed.	<ul style="list-style-type: none"> BSM control module (LH) IG1 relay Battery
VSPD	KPH, MPH	Vehicle speed is displayed.	—

PID name	Unit/Status	Data contents	Inspection item(s)
WRN_IND_L	Off/On	<ul style="list-style-type: none"> • Off: BSM indicator light (LH) is not illuminated. • On: BSM indicator light (LH) is illuminated. 	BSM indicator light (LH)

BSM Control Module (RH)

—: Not applicable

PID name	Unit/Status	Data contents	Inspection item(s)
BSM_OFF_I_L	On/Off	<ul style="list-style-type: none"> • On: BSM OFF indicator light is illuminated. • Off: BSM OFF indicator light is not illuminated. 	<ul style="list-style-type: none"> • BSM OFF switch • Instrument cluster
BSM_ST	On/Off	<ul style="list-style-type: none"> • On: BSM is operated. • Off: BSM is not operated. 	BSM control module (RH)
Buzzer	On/Off	<ul style="list-style-type: none"> • On: BSM buzzer is operated. • Off: BSM buzzer is not operated. 	<ul style="list-style-type: none"> • BSM control module • Instrument cluster
DTC_CNT	—	Number of DTCs stored in the BSM control module (RH) is displayed.	BSM control module (RH)
SHIFT_R	Not_R/R	ATX: <ul style="list-style-type: none"> • Not_R: Selector lever is in position other than R. • R: Selector lever is in R position. MTX: <ul style="list-style-type: none"> • Not_R: Shift lever is in position other than reverse. • R: Shift lever is in reverse position. 	ATX: <ul style="list-style-type: none"> • Transaxle range sensor (TCM) MTX: <ul style="list-style-type: none"> • Back-up light switch
SWA_POS	° (deg)	Displays steering angle signal (estimated absolute angle) <ul style="list-style-type: none"> • Steering wheel in neutral position: Near 0 degrees • Steering wheel turned to left: Changes from 0 degrees to positive • Steering wheel turned to right: Changes from 0 degrees to negative 	<ul style="list-style-type: none"> • Perform the DTC inspection for the PCM, DSC HU/CM, and EPS CM, and if any DTC is displayed, repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DTC TABLE [SKYACTIV-D 2.2].) (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.) • After performing the DTC inspection, perform the following procedures: <ul style="list-style-type: none"> — Switch the ignition off, and after 2 min or more have elapsed, switch the ignition ON (engine off or on). — Start the engine and drive the vehicle 10 m {33 ft} or more in a straight line at a speed of 10 km/h {6.2 mph} or more. — Stop the vehicle with the wheels in the straight-ahead position. — Verify the operation condition of STR_AB_ANG using the M-MDS. • If an abnormal value is indicated again, replace the EPS CM. (See STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION.)
TURN_SW_L	On/Off	<ul style="list-style-type: none"> • On: Turn switch is in LH position. • Off: Turn switch is in position other than LH. 	Turn Switch

PID name	Unit/Status	Data contents	Inspection item(s)
TURN_SW_R	On/Off	<ul style="list-style-type: none"> • On: Turn switch is in RH position. • Off: Turn switch is in position other than RH. 	Turn Switch
VPWR_IG1	V	BSM control module (RH) power supply voltage is displayed.	<ul style="list-style-type: none"> • BSM control module (RH) • IG1 relay • Battery
VSPD	KPH, MPH	Vehicle speed is displayed.	—
WRN_IND_R	Off/On	<ul style="list-style-type: none"> • Off: BSM indicator light (RH) is not illuminated. • On: BSM indicator light (RH) is illuminated. 	BSM indicator light (RH)