

DTC B13D3:16 [START STOP UNIT]

id0902p6050100

System malfunction location	Low remote transmitter battery voltage
Detection condition	• Start stop unit detects low remote transmitter battery voltage in any of the programmed transmitters 3 times continuously.
Fail-safe	—
Possible cause	<ul style="list-style-type: none"> • Soiling around remote transmitter battery, or foreign matter adhering • Remote transmitter battery is dead • Specific remote transmitter is malfunctioning • Start stop unit malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	INSPECT AREA AROUND REMOTE TRANSMITTER BATTERY <ul style="list-style-type: none"> • Inspect the area around the remote transmitter battery. • Is the area around the transmitter battery soiled or is there foreign mattering adhering? 	Yes Remove dirt or foreign matter, then go to Step 4.
		No Go to the next step.
2	VERIFY IF MALFUNCTION CAUSE IS DEAD REMOTE TRANSMITTER BATTERY <ul style="list-style-type: none"> • Replace the remote transmitter battery. (See REMOTE TRANSMITTER DISASSEMBLY/ASSEMBLY.) • Clear DTC for the start stop unit using the M-MDS. (See CLEARING DTC [START STOP UNIT].) • Perform the DTC inspection for the start stop unit using the M-MDS. (See DTC INSPECTION [START STOP UNIT].) • Is DTC B13D3:16 displayed? 	Yes Go to the next step.
		No Go to Step 5.
3	VERIFY IF MALFUNCTION CAUSE IS SPECIFIC REMOTE TRANSMITTER <p>Note</p> <ul style="list-style-type: none"> • Perform the following procedure for all of the programmed remote transmitters. • Clear DTC for the start stop unit using the M-MDS. (See CLEARING DTC [START STOP UNIT].) • Perform the DTC inspection for the start stop unit using the M-MDS. (See DTC INSPECTION [START STOP UNIT].) • Can a remote transmitter which indicates DTC B13D3:16 be specified? 	Yes Replace the remote transmitter which indicates the DTC, then go to the next step. (See IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING.)
		No Go to the next step.
4	VERIFY THAT REPAIRS HAVE BEEN COMPLETED <ul style="list-style-type: none"> • Clear DTC for the start stop unit using the M-MDS. (See CLEARING DTC [START STOP UNIT].) • Perform the DTC inspection for the start stop unit using the M-MDS. (See DTC INSPECTION [START STOP UNIT].) • Is DTC B13D3:16 displayed? 	Yes Repeat the inspection from Step 1. • If the malfunction recurs, replace the start stop unit, then go to the next step. (See START STOP UNIT REMOVAL/INSTALLATION.)
		No Go to the next step.

5	VERIFY IF OTHER DTCs DISPLAYED • Are any other DTCs displayed?	Yes	Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [START STOP UNIT].)
		No	DTC troubleshooting completed.