Only Wireless Control Function is Inoperative

DESCRIPTION

The door control receiver receives signals from the transmitter and sends these signals to the multiplex network body ECU. The multiplex network body ECU then controls the door operation by sending LOCK/UNLOCK signals to the appropriate door lock actuator.

WIRING DIAGRAM



1 CHECK WIRELESS DOOR LOCK CONTROL FUNCTIONS





Result

Result		Proceed to	
Normal waves (room light blinking) for LOCK and UN	LOCK switches are output.	A	
An unmatching recognition code is output and room	light stays ON.	В	
No diagnosis outputs are present and the room light	is OFF.	С	
	B REPLACE DRIV	ER SIDE JUNCTION BLOCK	
7 REGISTER RECOGNITION COD	E		
	 (a) Check that the system cannot be and a recognition of OK: Recognition code cannot be addressed by a system of the system cannot be addressed by a system of the system cannot be addressed by a system of the system cannot be addressed by a system of the system cannot be addressed by a system of the system cannot be addressed by a system of the system cannot be addressed by a system of the system cannot be addressed by a system of the system of the	an switch to rewrite mode or add code can be registered. n be registered.	
	NG Go to s	tep 15	
ОК			
NORMAL			
8 CHECK RESPONSE OF DOOR CONTROL RECEIVER			
 (a) Prepare a new or correctly functioning door control transmitter switch for the same vehicle model. Press an hold a switch on the transmitter and check that an unmatching recognition code is output. OK: Unmatching recognition code is output. 			
	NG Go to s	tep 12	
ОК			
REPLACE DOOR CONTROL TRANSMITTER			
9 CONFIRM INPUT METHOD OF SELF-DIAGNOSTIC MODE			
Result			

Result	Proceed to
The method for changing the system to self-diagnostic mode works.	A
The method for changing the system to self-diagnostic mode does not work.	В

Go to step 5

A

10

INSPECT UNLOCK WARNING SWITCH ASSEMBLY



11 CHECK HARNESS AND CONNECTOR (UNLOCK WARNING SWITCH - DRIVER SIDE J/B AND BODY GROUND)



- (a) Disconnect the U1 unlock warning switch connector.
- (b) Disconnect the 1K driver side J/B connector.
- (c) Check the resistance. Standard Resistance

Tester Connection	Specified Condition
U1-1 - 1K-10 (KSW)	Below 1 Ω
U1-2 - Body ground	Below 1 Ω

- (d) Reconnect the unlock warning switch connector.
- (e) Reconnect the driver side J/B connector.



ОК

12 CHECK HARNESS AND CONNECTOR (DOOR CONTROL RECEIVER - BATTERY AND BODY GROUND)



NG

ОК

13

CHECK DOOR CONTROL RECEIVER (OUTPUT)

Component Side: Door Control Receiver D7 5 4 3 2 1 RDA B070999E03

	a)	Turn	the	ignition	switch	ON
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(b) Measure the voltage of the connector. **Standard Voltage**

Tester Connection	Condition	Specified Condition	
D7-2 (RDA) - Body ground	Each transmitter switch OFF (No key in ignition key cylinder and all doors closed)	Below 1 V	
D7-2 (RDA) - Body ground	Each transmitter switch ON (No key in ignition key cylinder and all doors closed)	Alternates between 6V and 7V	

Go to step 15

ОК

14 CHECK HARNESS AND CONNECTOR (DOOR CONTROL RECEIVER - DRIVER SIDE J/B (ECU AND GROUND))

