

DTC U2300:54, U2300:55, U2300:56, U2300:64 [FULL-AUTO AIR CONDITIONER]

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System malfunction location	<ul style="list-style-type: none"> • U2300:54: Configuration error (data not received) • U2300:55: Configuration error (not configured) • U2300:56: Configuration error (ineffective/non-interchangeable data read) • U2300:64: Configuration error (error value read)
Detection condition	<ul style="list-style-type: none"> • Climate control unit detects configuration data not record or data error
Fail-safe	—
Possible cause	<p>Note</p> <ul style="list-style-type: none"> • If power from the battery is interrupted, the heater control unit will go into a non-configured state because the memory for the configuration information is erased. If the ignition is switched ON (engine off) at this time, DTC U2300:55 is detected. • Normally, the configuration is re-performed within 6 s after the ignition is switched ON (engine off). • After performing the configuration, DTC U2300:55 will be cleared if the ignition is switched ON (engine off) after the ignition is switched off. <ul style="list-style-type: none"> • Module configuration procedure was not completed properly • Correct data cannot be received from instrument cluster • Climate control unit malfunction
System wiring diagram	—

Diagnostic Procedure

Step	Inspection	Action
1	RECORD THE CAR CONFIGURATION DATA <ul style="list-style-type: none"> • Switch the ignition ON (engine off) and wait for 6 s or more. • Switch the ignition off. • Switch the ignition ON (engine off). 	Go to the next step.
2	VERIFY THAT THE SAME DTC IS NOT PRESENT <ul style="list-style-type: none"> • Clear the DTCs from the memory. (See CLEARING DTC [FULL-AUTO AIR CONDITIONER].) • Perform the climate control unit DTC inspection using the M-MDS. (See DTC DISPLAY [FULL-AUTO AIR CONDITIONER].) • Are the same DTCs present? 	Yes Repeat the inspection from Step 1. If the malfunction recurs, go to the next step. No Go to Step 5.
3	INSPECT FOR INSTRUMENT CLUSTER MALFUNCTION <ul style="list-style-type: none"> • Switch the ignition off. • Perform the instrument cluster DTC inspection using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].) • Are any DTCs present? 	Yes Go to applicable DTC inspection. (See DTC TABLE [INSTRUMENT CLUSTER].) After repairing the instrument cluster, perform the instrument cluster configuration. (See INSTRUMENT CLUSTER CONFIGURATION (USING AS-BUILT DATA).) Then go to the next step. No Go to the next step.
4	VERIFY THAT THE SAME DTC IS NOT PRESENT <ul style="list-style-type: none"> • Clear the DTCs from the memory. (See CLEARING DTC [FULL-AUTO AIR CONDITIONER].) • Perform the climate control unit DTC inspection using the M-MDS. (See DTC DISPLAY [FULL-AUTO AIR CONDITIONER].) • Are the same DTCs present? 	Yes Repeat the inspection from Step 1. <ul style="list-style-type: none"> • If the malfunction does not recur, go to the next step. • If the malfunction recurs, replace the climate control unit. (See CLIMATE CONTROL UNIT REMOVAL/ INSTALLATION [FULL-AUTO AIR CONDITIONER].) Go to the next step. No Go to the next step.
5	VERIFY THAT NO OTHER DTCs ARE PRESENT <ul style="list-style-type: none"> • Verify other DTCs displayed. • Are any other DTCs output? 	Yes Perform the corresponding DTC inspection. No DTC troubleshooting completed.