

DTC U2300:54/U2300:55/U2300:56

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DTC U2300:54, U2300:55, U2300:56	EPS configuration
DETECTION CONDITION	<ul style="list-style-type: none"> • EPS CM detects configuration data not read or data error
FAIL-SAFE FUNCTION	<ul style="list-style-type: none"> • U2300:54 <ul style="list-style-type: none"> — Control enabled — Power steering malfunction indicator light: Not illuminated • U2300:55 <ul style="list-style-type: none"> — Control enabled — Power steering malfunction indicator light: Illuminated • U2300:56 <ul style="list-style-type: none"> — Control enabled — Power steering malfunction indicator light: Not illuminated
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Module configuration procedure is not done properly • Correct data cannot be received from instrument cluster
SYSTEM WIRING DIAGRAM	—

Diagnostic Procedure

Step	Inspection	Action
1	RECORD THE CAR CONFIGURATION DATA <ul style="list-style-type: none"> • Switch the ignition OFF. • Switch the ignition ON (engine off or on), and maintain this condition for approx. 1 min. • Switch the ignition OFF, and maintain this condition for approx. 3 s. • Switch the ignition ON (engine off or on). 	Go to the next step.
2	VERIFY THAT THE SAME DTC IS NOT PRESENT <ul style="list-style-type: none"> • Clear the DTC from the memory. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.) • Is the same DTC present? 	<div>Yes</div> Repeat the inspection from Step 1. If the malfunction recurs, go to the next step. <div>No</div> Go to Step 5.
3	INSPECT FOR INSTRUMENT CLUSTER MALFUNCTION <ul style="list-style-type: none"> • Switch the ignition OFF. • Using the M-MDS, perform the DTC inspection for the instrument cluster. (See DTC INSPECTION [INSTRUMENT CLUSTER].) • Are any DTCs detected? 	<div>Yes</div> Go to applicable DTC inspection. (See DTC TABLE [INSTRUMENT CLUSTER].) After repairing the instrument cluster, perform the "INSTRUMENT CLUSTER CONFIGURATION", then go to the next step. (See INSTRUMENT CLUSTER CONFIGURATION (USING READ/WRITE FUNCTION).) (See INSTRUMENT CLUSTER CONFIGURATION (USING AS-BUILT DATA).) <div>No</div> Go to the next step.
4	VERIFY THAT THE SAME DTC IS NOT PRESENT <ul style="list-style-type: none"> • Clear the DTC from the memory. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.) • Is the same DTC present? 	<div>Yes</div> Repeat the inspection from Step 1. If the malfunction recurs, replace the EPS CM, then go to the next step. (See STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION.) <div>No</div> Go to the next step.
5	VERIFY THAT NO OTHER DTCs ARE PRESENT <ul style="list-style-type: none"> • Are any other DTCs output? (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.) 	<div>Yes</div> Go to the applicable DTC inspection. (See ELECTRIC POWER STEERING (EPS) ON-BOARD DIAGNOSIS.) <div>No</div> DTC troubleshooting completed.