

2012 - Mazda6 - Brakes

DTC U3000:4A [DYNAMIC STABILITY CONTROL (DSC)]

DTC U3000:4A	DSC HU/CM mismatched installation
DETECTION CONDITION	Detection the mismatched installation of DSC HU/CM.
POSSIBLE CAUSE	- PCM malfunction - DSC HU/CM malfunction - Mismatched installation of DSC HU/CM - Configuration procedure is not done properly

Diagnostic procedure

STEP	INSPECTION	ACTION
1	PERFORM PCM DTC INSPECTION - Perform the PCM DTC inspection. (See ON-BOARD DIAGNOSTIC TEST [MZR 2.5].) (See ON-BOARD DIAGNOSTIC TEST [MZI 3.7 V6].) - Are any DTCs present?	Yes Go to the applicable DTC inspection. (See DTC TABLE [MZR 2.5] .) (See DTC TABLE [MZI 3.7 V6] .)
		No Go to the next step.
2	INSPECT DSC HU/ CM FOR MISMATCHED INSTALLATION - Verify the DSC HU/CM part number. - Is the correct DSC HU/CM installed?	Yes Go to the next step.
		No Replace the DSC HU/CM to correct part number of it, then go to Step 4. (See DSC HU/ CM REMOVAL/ INSTALLATION .)
3	PERFORM DSC HU/ CM CONFIGURATION - Perform the DSC HU/CM configuration using the M-MDS. (See DSC CONFIGURATION.) - Clear the DTC from the DSC	Yes Perform the DSC HU/CM configuration again, then go to the next step. (See DSC CONFIGURATION .)
		No Go to Step 5.

	HU/CM memory using the M-MDS. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Switch the ignition to ON. • Perform the DSC DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Is the same DTC present?		
4	VERIFY DTC TROUBLESHOOTING COMPLETED • Clear the DTC from the DSC HU/CM memory using the M-MDS. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Switch the ignition to ON. • Perform the DSC DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Is the same DTC present?	Yes	Repeat the inspection from Step 1. If the malfunction recurs, replace the DSC HU/CM, then go to the next step. (See DSC HU/ CM REMOVAL/ INSTALLATION.)
		No	Go to the next step.
5	VERIFY AFTER REPAIR PROCEDURE • Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No	DTC troubleshooting completed.

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		No Go to the next step.
2	INSPECT DSC HU/ CM FOR MISMATCHED INSTALLATION - Verify the DSC HU/CM part number. - Is the correct DSC HU/CM installed?	Yes Go to the next step.
		No Replace the DSC HU/CM to correct part number of it, then go to Step 4. (See DSC HU/ CM REMOVAL/ INSTALLATION .)
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	HU/CM memory using the M-MDS. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Switch the ignition to ON. • Perform the DSC DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Is the same DTC present?		
4	VERIFY DTC TROUBLESHOOTING COMPLETED • Clear the DTC from the DSC HU/CM memory using the M-MDS. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Switch the ignition to ON. • Perform the DSC DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Is the same DTC present?	Yes	Repeat the inspection from Step 1. If the malfunction recurs, replace the DSC HU/CM, then go to the next step. (See DSC HU/ CM REMOVAL/ INSTALLATION.)
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5	VERIFY AFTER REPAIR PROCEDURE • Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No	DTC troubleshooting completed.