

DISPLAY DOES NOT CHANGE TO THE REAR MOUNT CAMERA IMAGE. [ENTIRE AUDIO SYSTEM]

p0903e2113000

Possible DTC	Display does not change to the rear mount camera image
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Rear mount camera malfunction • Poor connection of the rear mount camera connector, terminal damage • Poor connection of the audio unit connector, terminal damage • Open or short circuit in wiring harness between audio unit and rear mount camera • Open or short circuit in reverse signal wiring harness • Audio unit malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	• Is the lens of the rear mount camera dirty or view is obstructed?	Yes Clean the lens of the rear mount camera or remove the obstruction.
		No Go to the next step.
2	• Does the lens of the rear mount camera have a crack and damage?	Yes Replace the rear mount camera. (See REAR MOUNT CAMERA REMOVAL/ INSTALLATION.)
		No Go to the next step.
3	<ul style="list-style-type: none"> • Switch the ignition switch off (LOCK). • Remove the rear mount camera. • Inspect the connection of the rear mount camera connector (4-pin). • Disconnect the rear mount camera connector (4-pin). • Inspect both the rear mount camera and wiring harness-side connector for poor connection (such as damaged/pulled-out pins, corrosion). • Are all the pins normal? 	Yes Go to the next step.
		No If poor connection of rear mount camera connector: <ul style="list-style-type: none"> • Securely connect the rear mount camera connector. If the rear mount camera connector is wrong: <ul style="list-style-type: none"> • Replace the rear mount camera. (See REAR MOUNT CAMERA REMOVAL/ INSTALLATION.) If the wiring harness-side connector is wrong: <ul style="list-style-type: none"> • Repair or replace the pins and/or the connector.
4	<ul style="list-style-type: none"> • Switch the ignition switch off (LOCK). • Remove the audio unit. • Inspect the connection of the Audio unit connector (4-pin). • Disconnect the Audio unit connector (4-pin). • Inspect both the audio unit connector terminal for poor connection (such as damaged/pulled-out pins, corrosion). • Are all the pins normal? 	Yes European (L.H.D. U.K.) specs. <ul style="list-style-type: none"> • Go to the next step. Except european (L.H.D. U.K.) specs. <ul style="list-style-type: none"> • Go to Step 6.
		No If poor connection of audio unit connector: <ul style="list-style-type: none"> • Securely connect the audio unit connector. If the audio unit connector is wrong: <ul style="list-style-type: none"> • Replace the audio unit. If the wiring harness-side connector is wrong: <ul style="list-style-type: none"> • Repair or replace the pins and/or the connector.
5	<ul style="list-style-type: none"> • Inspect the following wiring harnesses between the audio unit and rear mount camera and between a DC-DC converter and rear mount camera. <ul style="list-style-type: none"> — Terminal K (12-pin, POWER)—terminal A (8-pin, POWER) — Terminal 6C (4-pin, V-GND)—terminal E (8-pin, V-GND) — Terminal 6D (4-pin, COMPOSITE)—terminal C (8-pin, COMPOSITE) • Is there open or short circuit? 	Yes Go to Step 7.
		No Inspect the suspect wiring harness. Repair or replace if necessary.
6	<ul style="list-style-type: none"> • Inspect the following wiring harnesses between the audio unit and rear mount camera. <ul style="list-style-type: none"> — Terminal 6A (4-pin, POWER)—terminal A (5-pin, POWER) — Terminal 6B (4-pin, GND)—terminal E (5-pin, GND) — Terminal 6C (4-pin, V-GND)—terminal D (5-pin, V-GND) — Terminal 6D (4-pin, COMPOSITE)—terminal C (5-pin, COMPOSITE) • Is there open or short circuit? 	Yes Go to the next step.
		No Inspect the suspect wiring harness. Repair or replace if necessary.

STEP	INSPECTION		ACTION
7	<ul style="list-style-type: none"> • Switch the ignition switch off (LOCK). • Remove the audio unit. (See AUDIO UNIT REMOVAL/INSTALLATION.) • Disconnect the audio unit connector (24-pin). • Turn the ignition switch to ON. • Shift the selector lever in R range. • Inspect the voltage between the audio unit terminals 1M (24-pin, REV) and 1W (24-pin, GND). • Is the voltage B+? 	Yes	Replace the rear mount camera, then inspect generating of malfunction symptom. (See REAR MOUNT CAMERA REMOVAL/INSTALLATION.) Even if it exchanges rear mount camera, when a fault phenomenon occurs: <ul style="list-style-type: none"> • Replace the audio unit. (See AUDIO UNIT REMOVAL/INSTALLATION.) • Reinspect the malfunction symptom, then repeat from Step 1 if malfunction recurs.
		No	Inspect the suspect wiring harness (reverse signal). Repair or replace if necessary.