

## DIAGNOSTIC TROUBLE CODE CHART

### HINT:

- \*: Logical address refers to the code allotted to each part of objected equipment which has been subdivided.
- Must have DTC judgement for the items with the making of a circle (○) in the system check at the time of system checking. (See page [DI-911](#))
- Diagnosis memory can be memorized when detecting DTC under the usual using condition. (See page [DI-911](#))
- In case that DTC D1 and D4 of each unit are detected, check the wire harness of AVC-LAN, then change each unit.
- In case that DTC other than DTC D1 or D4 of each unit is detected, change the parts specified.

### 1. NAVIGATION ECU

*: Logic address	DTC	Diagnosis item	Diagnosis content	Countermeasure and inspected parts	System Check	Diagnosis memory
58	D1	Transmitter error	Transmitting error from Navigation ECU occurs twice in a row.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Navigation ECU</li> </ul>	X	○
58	D4	Periodic communication error	Connecting check direction stops for more than the set period.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Navigation ECU</li> </ul>	X	○
58	40	Navigation ECU error	When JAIRO error is detected.	<ul style="list-style-type: none"> <li>● Navigation ECU</li> </ul>	○	X
58	60	GPS error	There is an error on the GPS receiver.	<ul style="list-style-type: none"> <li>● Navigation ECU</li> </ul>	○	X
58	61	GPS antenna not connected	GPS antenna is not connected.	<ul style="list-style-type: none"> <li>● Connect GPS antenna</li> </ul>	○	X
58	78	Harddisk error	Harddisc reading error.	<ul style="list-style-type: none"> <li>● Replace the harddisk (See page <a href="#">DI-911</a>)</li> </ul>	○	○
58	79	Harddisk not inserted	Harddisk is not inserted	<ul style="list-style-type: none"> <li>● Insert the harddisk</li> </ul>	○	○

**2. AUDIO HEAD UNIT**

*: Logic address	DTC	Diagnosis item	Diagnosis content	Countermeasure and inspected parts	System Check	Diagnosis memory
01	D0	ECU disconnected	ECU is disconnected.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Audio head unit</li> </ul>	○	X
01	D1	Transmitter error	An error occurs when transmitting signal from audio head unit to the system.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Audio head unit</li> </ul>	X	○
01	D2	Periodical communication no response	Error in periodic communication.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> </ul>	X	○
01	D4	Periodic transmitting error	Direction to confirm connection from audio head unit is not acquired.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Audio head unit</li> </ul>	X	○
01	FF	Diagnosis no response	Nothing is responded to the required command.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Audio head unit</li> </ul>	○	X
61	50	Cassette deck error	There is an error on the .cassette deck operation.	<ul style="list-style-type: none"> <li>● Audio head unit</li> </ul>	○	X

**3. POWER AMPLIFIER**

*: Logic address	DTC	Diagnosis item	Diagnosis content	Countermeasure and inspected parts	System Check	Diagnosis memory
01	D0	ECU disconnected	ECU is disconnected.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Power amplifier</li> </ul>	○	X
01	D1	Transmitter error	An error occurs when transmitting signal from power amplifier to the system.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Power amplifier</li> </ul>	X	○
01	D2	Periodical communication no response	Error in periodic communication.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> </ul>	X	○
01	D4	Periodic transmitting error	Direction to confirm connection from power amplifier is not acquired.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Power amplifier</li> </ul>	X	○
01	FF	Diagnosis no response	Nothing is responded to the required command.	<ul style="list-style-type: none"> <li>● Wire harness and connector</li> <li>● Power amplifier</li> </ul>	○	X

## 4. CD AUTO CHANGER

*: Logic address	DTC	Diagnosis item	Diagnosis content	Countermeasure and inspected parts	System Check	Diagnosis memory
01	D0	ECU disconnected	ECU is disconnected.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> <li>• Display ECU</li> </ul>	○	X
01	D1	Transmitter error	An error occurs from CD auto changer to the system.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> <li>• CD auto changer</li> </ul>	X	○
01	D2	Periodical communication no response	Error in periodic communication.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> </ul>	X	○
01	D4	Periodic transmitting error	Direction to confirm connection from CD auto changer is not acquired.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> <li>• CD auto changer</li> </ul>	X	○
01	FF	Diagnosis no response	Nothing is responded to the required command.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> <li>• Display ECU</li> </ul>	○	X
63	60	CD auto changer error	There is an error referring to the diagnosis codes except 61 to 69.	<ul style="list-style-type: none"> <li>• CD auto changer</li> </ul>	X	○
63	61	CD auto changer eject error	Magazine can not be ejected from CD auto changer.	<ul style="list-style-type: none"> <li>• CD auto changer</li> <li>• Magazine</li> </ul>	X	○
63	62	Reversed CD or defect on CD	CD is reversed or has a spot or defect.	<ul style="list-style-type: none"> <li>• CD</li> </ul>	X	○
63	63	CD pick up temperature detection.	Excessive voltage is supplied to CD auto changer.	<ul style="list-style-type: none"> <li>• CD auto changer</li> </ul>	X	○
63	64	CD auto changer excessive voltage check	Excessive voltage is supplied to CD auto changer.	<ul style="list-style-type: none"> <li>• CD auto changer</li> </ul>	X	○
63	67	CD auto changer tray discharging error	Discharging error of the CD auto changer tray occurs.	<ul style="list-style-type: none"> <li>• CD auto changer</li> <li>• Magazine</li> </ul>	X	○
63	68	CD auto changer elevator error	An error occurs on the CD auto changer elevator.	<ul style="list-style-type: none"> <li>• CD auto changer</li> </ul>	X	○
63	69	CD auto changer clamp error	An error occurs on the CD auto changer magazine clamp	<ul style="list-style-type: none"> <li>• CD auto changer</li> </ul>	X	○

## 5. DISPLAY ECU

*: Logic address	DTC	Diagnosis item	Diagnosis content	Countermeasure and inspected parts	System Check	Diagnosis memory
01	D0	ECU unconnected	ECU is unconnected.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> <li>• Display ECU</li> </ul>	○	X
01	D2	Periodical communication no response	Error in periodic communication.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> </ul>	X	○
01	D1	Transmitter error	An error occurs during a transmitting a signal from display ECU to the system.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> <li>• Display ECU</li> </ul>	X	○
01	D4	Periodic transmitting error	Direction to confirm connection from display ECU is not acquired.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> <li>• Display ECU</li> </ul>	X	○
01	FF	Diagnosis no response	Nothing is responded to the required command.	<ul style="list-style-type: none"> <li>• Wire harness and connector</li> <li>• Display ECU</li> </ul>	○	X
01	21	ROM error	There is an error on internal ROM.	<ul style="list-style-type: none"> <li>• Display ECU</li> </ul>	○	X
01	22	RAM error	There is an error on internal RAM.	<ul style="list-style-type: none"> <li>• Display ECU</li> </ul>	○	X
34	76	Back light error 1 (No current)	There is an error on the cathode tube in back light system.	<ul style="list-style-type: none"> <li>• Display ECU</li> </ul>	X	○
34	77	Back light error 2 (Excessive current)	There is an error on the cold cathode tube in back light system.	<ul style="list-style-type: none"> <li>• Display ECU</li> </ul>	X	○
21	83	Panel switch error	No response from the panel switches.	<ul style="list-style-type: none"> <li>• Display ECU</li> </ul>	○	X
21	84	Touch switch error	No response from the touch switches.	<ul style="list-style-type: none"> <li>• Display ECU</li> </ul>	○	X