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Service Category: Audio/Visual/Telematics		Section: Navigation/Multi Info Display
Model Year: 2008	Model: ES350	Doc ID: RM0000011BO01UX
Title: NAVIGATION: NAVIGATION SYSTEM: DIAGNOSTIC TROUBLE CODE CHART (2008 ES350)		

DIAGNOSTIC TROUBLE CODE CHART

COMMUNICATION DIAGNOSIS:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
01-21	ROM Error	Multi-display	INFO
01-22	RAM Error	Multi-display	INFO
01-D5	Absence of Registration Unit	<ol style="list-style-type: none"> 1. Power source circuit of the component shown by the sub-code 2. AVC-LAN circuit between the multi-display and the component shown by the sub-code 3. Component shown by the sub-code 	INFO
01-D6	No Master	<ol style="list-style-type: none"> 1. Multi-display power source circuit 2. Power source circuit of the component which has stored this code 3. AVC-LAN circuit between the multi-display and the component which has stored this code 4. Component which has stored this code 5. Multi-display 	INFO
01-D7	Connection Check Error	<ol style="list-style-type: none"> 1. Multi-display power source circuit 2. Power source circuit of the component which has stored this code 3. AVC-LAN circuit between the multi-display and the component which has stored this code 4. Component which has stored this code 5. Multi-display 	INFO
01-D8	No Response for Connection Check	<ol style="list-style-type: none"> 1. Power source circuit of the component shown by the sub-code 2. AVC-LAN circuit between the multi-display and the component shown by the sub-code 3. Component shown by the sub-code 	INFO
01-D9	Last Mode Error	<ol style="list-style-type: none"> 1. Power source circuit of the component shown by the sub-code 2. AVC-LAN circuit between the multi-display and the component shown by the sub-code 3. Component shown by the sub-code 	INFO
01-DA	No Response Against ON / OFF Command	<ol style="list-style-type: none"> 1. Power source circuit of the component shown by the sub-code 2. AVC-LAN circuit between the multi-display and the component shown by the sub-code 3. Component shown by the sub-code 	INFO
01-DB	Mode Status Error	<ol style="list-style-type: none"> 1. Power source circuit of the component shown by the sub-code 2. AVC-LAN circuit between the multi-display and the component shown by the sub-code 3. Component shown by the sub-code 	INFO
01-DC	Transmission Error	If the same sub-code is recorded in other components, check harness for power supply and communication system of all components shown by code	INFO
01-DD	Master Reset	<ol style="list-style-type: none"> 1. Multi-display power source circuit 2. AVC-LAN circuit between the multi-display and the component which has stored this code 	INFO

		3. Multi-display 4. Component which has stored this code	
01-DE	Slave Reset	1. Power source circuit of the component shown by the sub-code 2. AVC-LAN circuit between the multi-display and the component shown by the sub-code 3. Component shown by the sub-code	INFO
01-DF	Master Error	1. Multi-display power source circuit 2. AVC-LAN circuit between the multi-display and the component which has stored this code 3. AVC-LAN circuit between the multi-display and the radio receiver 4. Multi-display 5. Component which has stored this code	INFO
01-E0	Registration Complete Indication Error	-	INFO
01-E1	Voice Processing Device ON Error	1. Multi-display power source circuit 2. AVC-LAN circuit between the multi-display and the component which has stored this code 3. Multi-display 4. Component which has stored this code	INFO
01-E2	ON / OFF Indication Parameter Error	Multi-display	INFO
01-E3	Registration Demand Transmission	-	INFO
01-E4	Multiple Frame Incomplete	-	INFO

SW:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
21-10	Panel Switch Error	Multi-display	INFO
21-11	Touch Switch Error	Multi-display	INFO

SW WITH NAME:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
23-10	Panel Switch Error	Multi-display	INFO
23-11	Touch Switch Error	Multi-display	INFO

SW CONVERTING:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
24-10	Panel Switch Error	Multi-display	INFO
24-11	Touch Switch Error	Multi-display	INFO

COMMAND SW:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
25-10	Panel Switch Error	Multi-display	INFO
25-11	Touch Switch Error	Multi-display	

INFO

FRONT MONITOR:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
34-10	Error in Picture Circuit	Multi-display	INFO
34-11	No Current in Back-light	Multi-display	INFO
34-12	Excess Current in Back-light	Multi-display	INFO

DVD CHANGER:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
45-10	DVD Changer Mechanical Error	Radio receiver	INFO
45-11	DVD Insertion and Ejection Error	Radio receiver	INFO
45-12	DVD Reading Abnormal	Radio receiver	INFO
45-41	Wrong Disc	1. DVD 2. Radio receiver	INFO
45-42	Disc cannot be Read	1. DVD 2. Radio receiver	INFO
45-43	DVD-ROM Abnormal	1. DVD 2. Radio receiver	INFO
45-44	DVD Malfunction	Radio receiver	INFO
45-45	Eject Error	Radio receiver	INFO
45-46	Scratched/Reversed Disc	1. DVD 2. Radio receiver	INFO
45-47	High Temperature	Radio receiver	INFO
45-48	Excess Current	Radio receiver	INFO
45-50	Tray Insertion / Ejection Error	Radio receiver	INFO
45-51	Elevator Error	Radio receiver	INFO
45-52	Clamp Error	Radio receiver	INFO
45-78	DSP Error	Radio receiver	INFO
45-7D	Disc cannot be Played	1. DVD 2. Radio receiver	INFO
45-7E	No Playable Files	1. DVD 2. Radio receiver	INFO
45-7F	Copyright Protection Error	1. DVD 2. Radio receiver	INFO

TELEPHONE:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
57-47	Bluetooth Module Initialization Failed	Multi-display	INFO

NAVI:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
58-10	Gyro Error	1. Gyro sensor 2. Navigation ECU	INFO
58-11	GPS Receiver Error	Navigation ECU	INFO
58-40	GPS Antenna Error	1. Wire harness 2. GPS antenna 3. Navigation ECU	INFO
58-41	GPS Antenna Power Source Error	1. Wire harness 2. GPS antenna 3. Navigation ECU	INFO
58-42	Map Disc Read Error	1. Map Disc 2. Navigation ECU	INFO
58-43	SPD Signal Error	1. Speed signal circuit 2. Navigation ECU	INFO
58-44	Player Error	Navigation ECU	INFO
58-45	High Temperature	Navigation ECU	INFO

CAMERA UNIT:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
5C-40	Camera Picture Error	1. Wire harness 2. Television camera assembly 3. Multi-display	INFO

RADIO UNIT:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
60-10	AM Tuner PLL does not Lock	Radio receiver	INFO
60-11	FM Tuner PLL does not Lock	Radio receiver	INFO
60-42	Tuner Power Source Error	Radio receiver	INFO
60-43	AM Tuner Error	Radio receiver	INFO
60-44	FM Tuner Error	Radio receiver	INFO
60-50	Malfunction in Internal IC	Radio receiver	INFO

CASSETTE PLAYER:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
61-40	Mechanical Error of Media	1. Cassette tape 2. Radio receiver	INFO
61-41	Eject Error	1. Cassette tape 2. Radio receiver	INFO
61-42	Tape Tangling	1. Cassette tape 2. Radio receiver	INFO

IN-DASH CD CHANGER:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE

63-10	CD Changer Mechanical Error	Radio receiver	INFO
63-11	CD Insertion and Ejection Error	Radio receiver	INFO
63-12	CD Reading Abnormal	Radio receiver	INFO
63-41	Wrong Disc	1. CD 2. Radio receiver	INFO
63-42	Disc cannot be Read	1. CD 2. Radio receiver	INFO
63-43	CD-ROM Abnormal	1. CD 2. Radio receiver	INFO
63-44	CD Abnormal	Radio receiver	INFO
63-45	Eject Error	Radio receiver	INFO
63-46	Scratched / Reversed Disc	1. CD 2. Radio receiver	INFO
63-47	High Temperature	Radio receiver	INFO
63-48	Excess Current	Radio receiver	INFO
63-50	Tray Insertion / Ejection Error	Radio receiver	INFO
63-51	Elevator Error	Radio receiver	INFO
63-52	Clamp Error	Radio receiver	INFO
63-78	DSP Error	Radio receiver	INFO
63-7D	Disc cannot be Played	1. CD 2. Radio receiver	INFO
63-7E	No Playable Files	1. CD 2. Radio receiver	INFO
63-7F	Copyright Protection Error	1. CD 2. Radio receiver	INFO

VOL:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
74-40	Short in Speaker Circuit	1. Wire Harness 2. Stereo component amplifier 3. Speaker	INFO

GPS:

DTC CODE	DETECTION ITEM	TROUBLE AREA	SEE PAGE
80-10	Gyro Error	1. Gyro sensor 2. Navigation ECU	INFO
80-11	GPS Receiver Error	Navigation ECU	INFO
80-40	GPS Antenna Error	1. Wire harness 2. GPS antenna 3. Navigation ECU	INFO
80-41	GPS Antenna Power Source Error	1. Wire harness 2. GPS antenna 3. Navigation ECU	INFO

80-42	Map Disc Read Error	1. Map disc 2. Navigation ECU	INFO
80-43	SPD Signal Error	1. Speed signal circuit 2. Navigation ECU	INFO
80-44	Player Error	Navigation ECU	INFO
80-45	High Temperature	Navigation ECU	INFO

