HOW TO PROCEED WITH TROUBLESHOOTING

1	**VEHICLE BROUGHT INTO A WORKSHOP**

NEXT

2	**DIAGNOSTIC QUESTIONING AND SYMPTOM CONFIRMATION**

(a) Ask the customer about symptoms and confirm malfunctions.

- **THE SCREEN DISPLAYS NOTHING (GO TO STEP 8, AND PROCEED TO "BLACK SCREEN")**
- **OTHER SYMPTOMS (GO TO STEP 3)**

3	**CONFIRM THE SYSTEM NORMAL CONDITION**

- **APPLICABLE (THIS IS NOT A MALFUNCTION)**
- **NOT APPLICABLE (GO TO STEP 4)**

NS

4	**CHECK DTC**

HINT:
If the system cannot enter the diagnosis mode, inspect each AVC-LAN communication signal and repair or replace problem parts.

- **A CODE IS OUTPUT (GO TO STEP 5)**
- **A CODE IS NOT OUTPUT (GO TO STEP 8)**

5	**DTC CLEAR**

(a) Clear the DTCs and finish the diagnostic mode.
HINT:
The currently output DTCs may not indicate actual malfunctions depending on the vehicle conditions.

NEXT

6	RECHECK DTC

HINT:
- If the system cannot enter the diagnosis mode, inspect the AVC-LAN and all the components that connect to the AVC-LAN for short circuits.
- Even if the malfunction symptom is not confirmed, check for diagnostic trouble codes. This is because the system stores past diagnostic trouble codes.
- Refer to the detailed description on the diagnostic screen, as necessary (See page NS-30).
- Check the diagnostic trouble code and inspect the area the code indicates.

→	**A CODE IS OUTPUT (GO TO STEP 7)**
→	**A CODE IS NOT OUTPUT (GO TO STEP 8)**

7	DIAGNOSTIC TROUBLE CODE CHART

(a) Find the output code on the diagnostic trouble code chart.

NEXT →	**GO TO STEP 10**

8	PROBLEM SYMPTOMS TABLE

(a) Find the applicable symptom code in the problem symptoms table.
HINT:
If the symptom does not recur and no code is output, perform the symptom reproduction method (See page NS-41).

→	**THERE IS AN APPLICABLE SYMPTOM CODE IN THE TABLE (GO TO STEP 10)**
→	**THERE IS NO APPLICABLE SYMPTOM CODE IN THE TABLE (GO TO STEP 9)**

9	CHECK THE ECU TERMINAL ARRANGEMENT BASED ON THE MALFUNCTION SYMPTOM

NEXT

10	CHECK THE CIRCUIT

(a) Adjust, repair, or replace as necessary.

NEXT

11	RECHECK THE DIAGNOSTIC TROUBLE CODE

HINT:
After deleting the DTCs, recheck for diagnostic trouble codes.

NEXT

12	PERFORM CONFIRMATION TEST

NEXT

END