

# MULTIPLEX COMMUNICATION SYSTEM

## HOW TO PROCEED WITH TROUBLESHOOTING

0523R-05

HINT:

Troubleshoot in accordance with the procedure on the following pages.

**1 VEHICLE BROUGHT TO WORKSHOP****2 SYMPTOM CHECK****3 INSPECT COMMUNICATION FUNCTION OF LARGE-SCALE MULTIPLEX COMMUNICATION SYSTEM (BEAN)**

- (a) Check that there is no abnormality in the communication system by inspecting the communication function of the multiplex communication system with the hand-held tester.
- (1) (ECU communication stop, communication line abnormal) With code output, proceed to A.
- (2) (ECU communication stop, communication line abnormal) Without code output, proceed to B.

**B GO TO SECTION OF EACH SYSTEM****A****4 DIAGNOSTIC TROUBLE CODE CHECK (See page 05-2044 )**

- (a) Check a DTC and note it if a code is output.
- (b) Delete the DTC.
- (c) Check if the DTC will be output once again, when the problem symptom is simulated based on the noted code.
- (1) When no code is output (symptom check and simulation is possible), proceed to A.
- (2) When no code is output (symptom check and simulation is impossible), proceed to B.
- (3) When the code is output, proceed to C.

**B GO TO PROBLEM SIMULATION  
(See page 01-26 )****C Go to step 7****A****5 PROBLEM SYMPTOMS TABLE (See page 05-2050 )**

- (a) Without applicable symptoms, proceed to A.
- (b) With applicable symptoms, proceed to B.

**B Go to step 7****A**

<b>6</b>	<b>PERFORM TROUBLESHOOTING IN THE FOLLOWING METHOD, DEPENDING ON MALFUNCTION SYMPTOM</b>
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- (a) Pre-check (See page [05-2042](#) )  
(b) Terminals of ECU (See page [05-2046](#) )

<b>7</b>	<b>ADJUSTMENT, REPAIR OR REPLACEMENT</b>
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<b>END</b>
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