# GROUP 54
# CHASSIS ELECTRICAL

# GENERAL

## OUTLINE OF CHANGE

The following service procedures have been changed since the vehicle speed sensor <A/T> has been discontinued, and vehicle speed signal sent by the engine-A/T-ECU is used instead of that sensor. Other service procedures are the same as before.

# COMBINATION METER

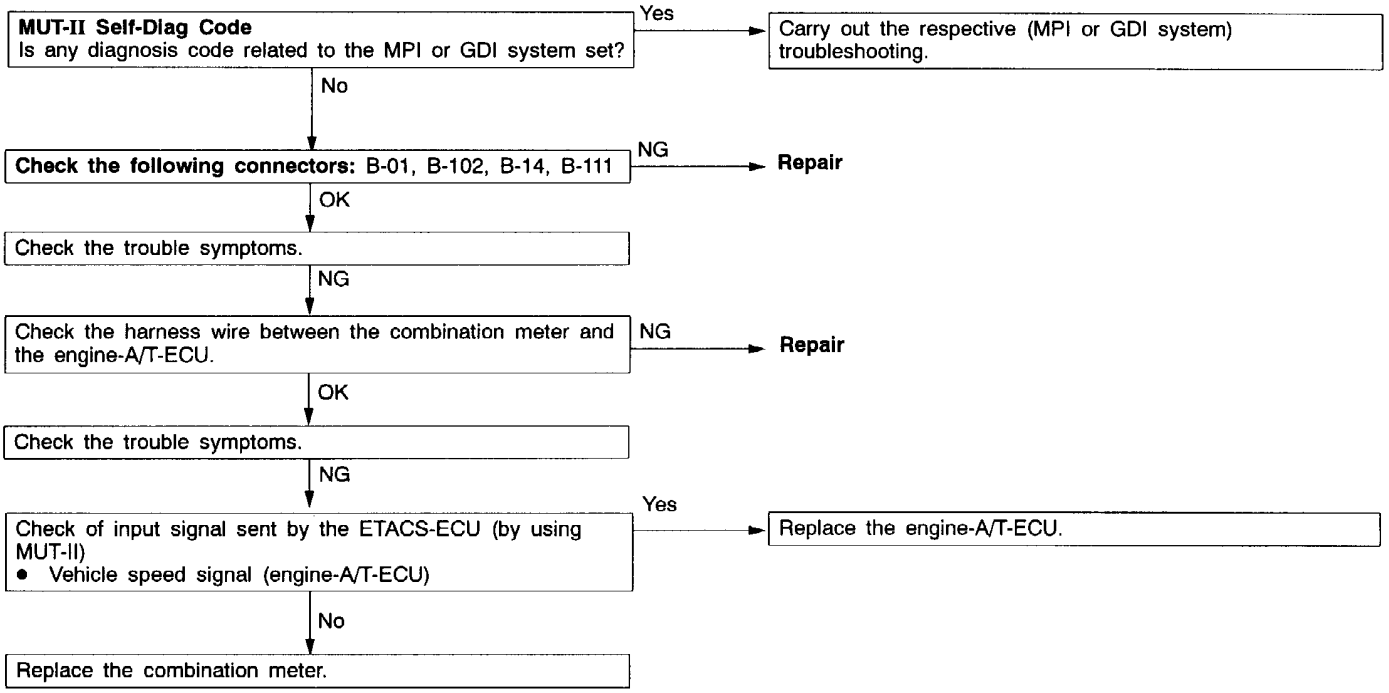
## TROUBLESHOOTING

### STANDARD FLOW OF DIAGNOSTIC TROUBLESHOOTING

Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points.

### INSPECTION CHART FOR TROUBLE SYMPTOMS

| Speedometer does not operate. <A/T> | Probable cause |
|---|---|
| The combination meter may be defective. Vehicle speed signal sent by the engine-AT-ECU may be abnormal. | • Malfunction of combination meter<br>• Abnormal vehicle speed signal sent by the engine-A/T-ECU<br>• Malfunction of harness or connector |




NOTE
To check the input signal sent by the ETACS-ECU, connect the MUT-II to the diagnosis connector, and then drive the vehicle. If the MUT-II sounds during the vehicle operation, the signal is normal.

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