

## GENERAL

### OUTLINE OF CHANGES

The troubleshooting for vehicles with 6G75 engine has been changed as follows.  
The other service procedures are the same as before.

- Diagnosis code Nos.16, 27 and 28 have been added.
- Data list No.40 has been added.

## TROUBLESHOOTING <A/T>

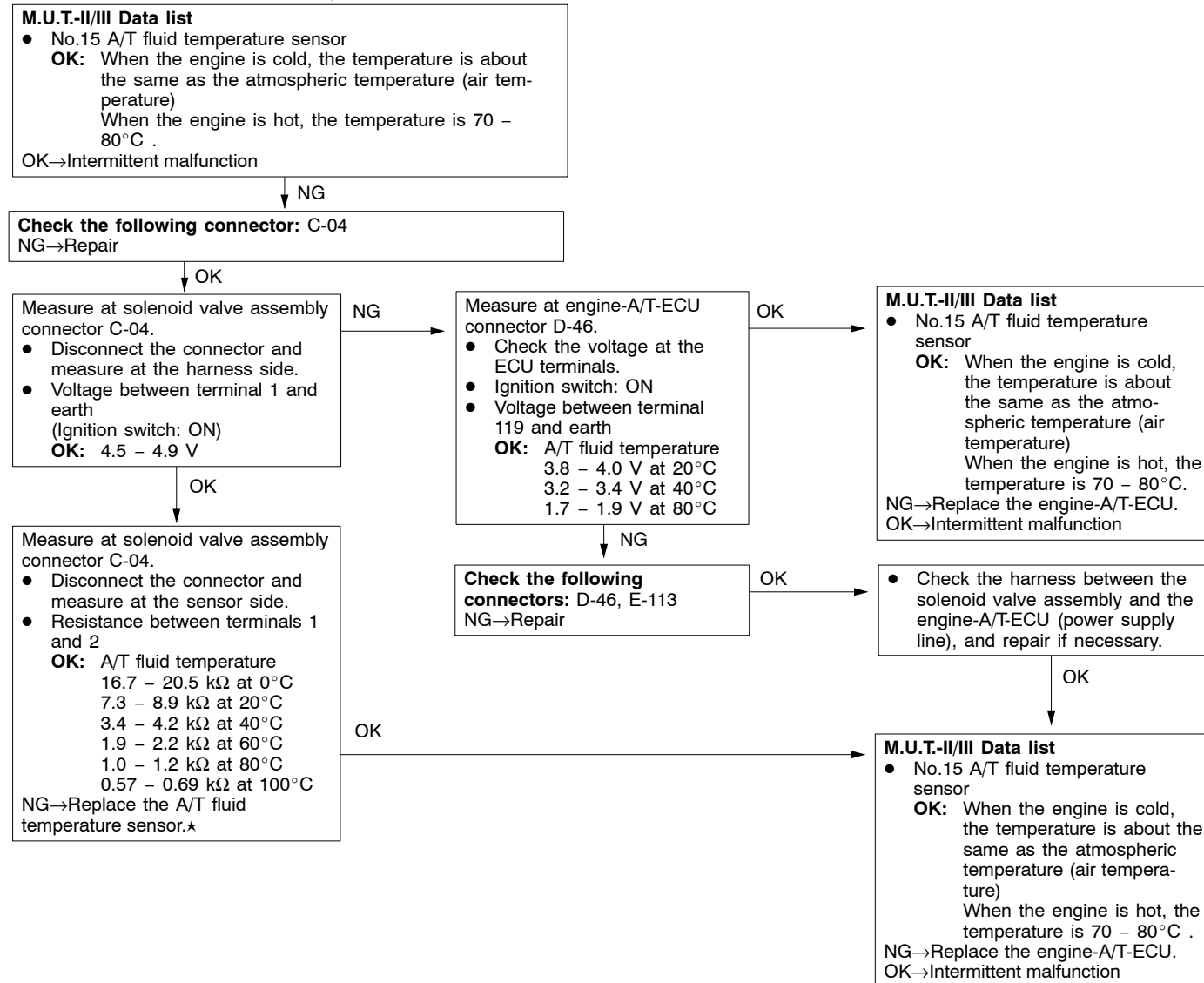
### INSPECTION CHART FOR DIAGNOSIS CODE

Diagnosis code	Diagnosis item		Reference page
16	A/T fluid temperature sensor system	Short circuit	<a href="#">23-2</a>
27	Inhibitor switch system	Open circuit	<a href="#">23-3</a>
28		Short-circuit	<a href="#">23-4</a>

## INSPECTION PROCEDURES FOR DIAGNOSIS CODES

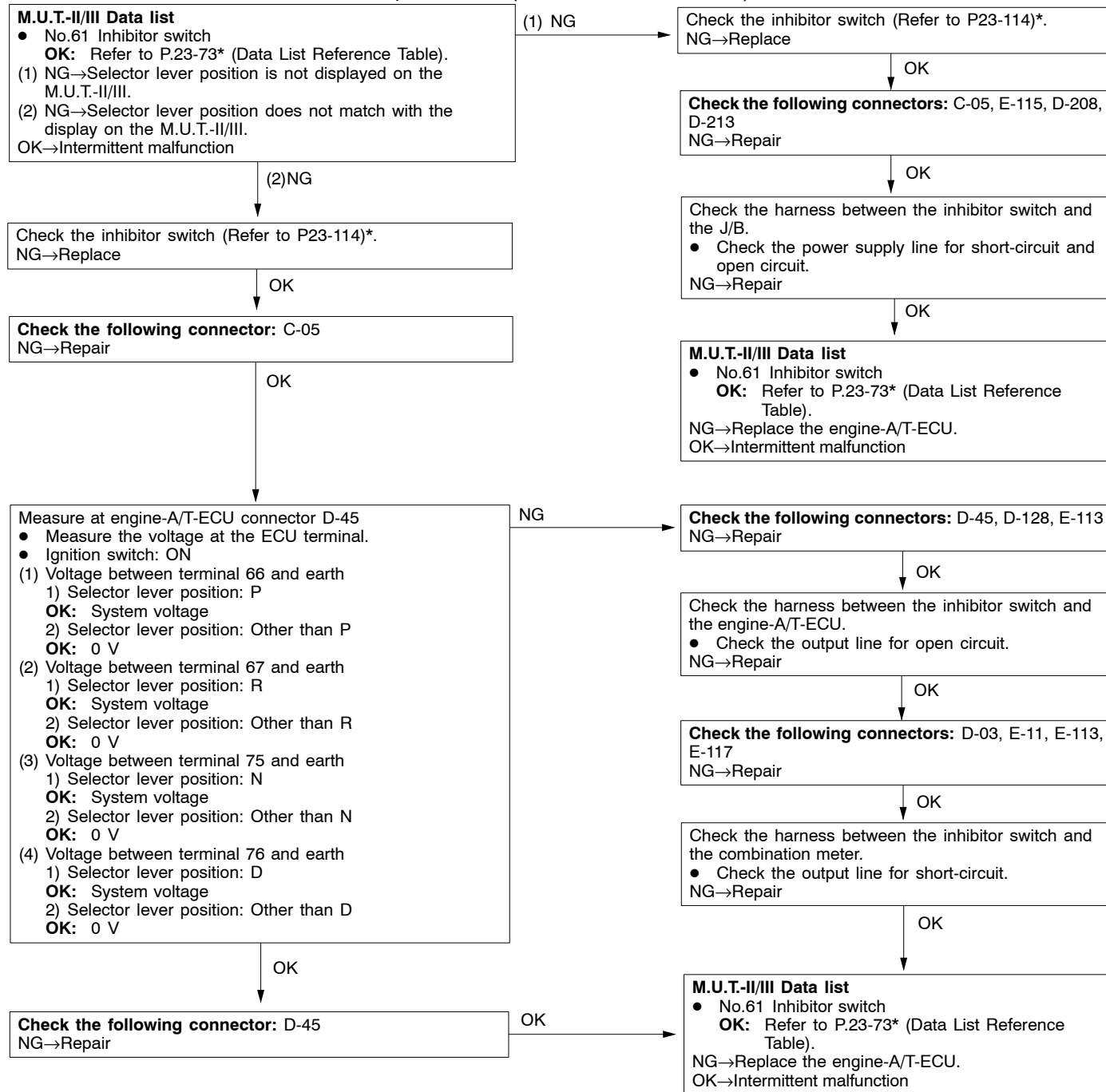
Code No.16 A/T fluid sensor system (short-circuit)	Probable cause
If the A/T fluid temperature sensor output voltage is approximately 0 V (high temperature) for 1 second or more, it is judged that there is a short-circuit in the A/T fluid temperature sensor circuit and diagnosis code No.16 is set.	<ul style="list-style-type: none"> <li>• Malfunction of A/T fluid temperature sensor</li> <li>• Malfunction of harness or connector</li> <li>• Malfunction of engine-A/T-ECU</li> </ul>

★ Refer to the Transmission Workshop Manual



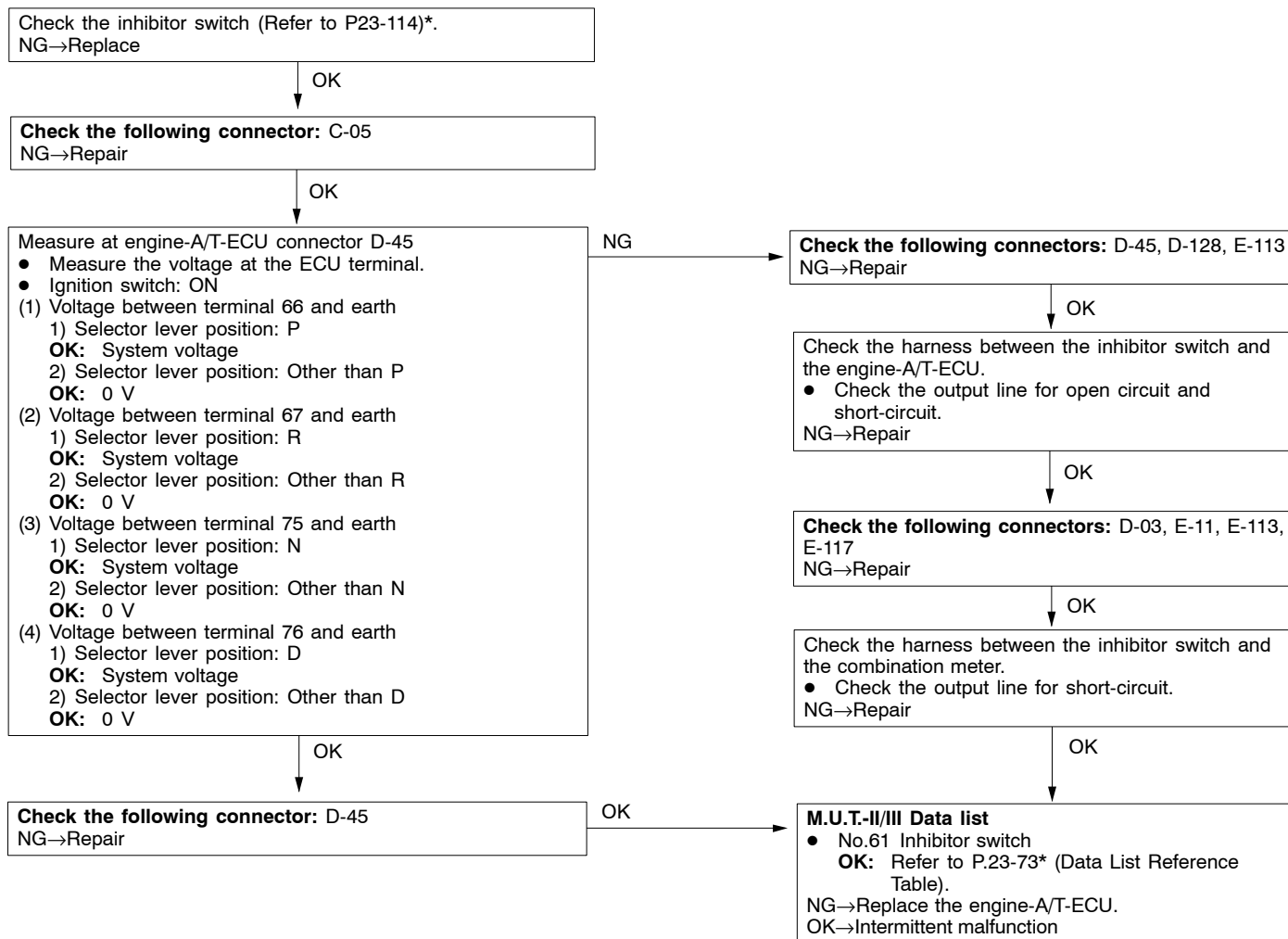
Code No.27 Inhibitor switch system (open circuit)	Probable cause
When no input signal is input from the inhibitor switch for 30 seconds or more, it is judged that there is an open circuit in the inhibitor switch circuit and diagnosis code No.27 is set.	<ul style="list-style-type: none"> <li>Malfunction of the inhibitor switch</li> <li>Malfunction of the harness or connector</li> <li>Malfunction of the engine-A/T-ECU</li> </ul>

\*: Refer to 2001 PAJERO Workshop Manual (Pub. No. PWJE0005).



Code No.28 Inhibitor switch system (short-circuit)	Probable cause
When more than one signal is input from the inhibitor switch for 30 seconds or more, it is judged that there is a short-circuit in the inhibitor switch circuit and diagnosis code No. 28 is set.	<ul style="list-style-type: none"> <li>• Malfunction of the inhibitor switch</li> <li>• Malfunction of the harness or connector</li> <li>• Malfunction of the engine-A/T-ECU</li> </ul>

\*: Refer to 2001 PAJERO Workshop Manual (Pub. No. PWJE0005).



## DATA LIST REFERENCE TABLE

Data list No.	Check item	Inspection conditions	Normal condition
40	INVECS-II cancel command	INVECS-II activated	ON
		INVECS-II not activated	OFF