

18. Diagnostics with Phenomenon

A: INSPECTION

Symptoms	Faulty parts
Engine stalls when driving in "D" or "R" range, or selecting "N" → "D", "N" → "R".	• Control valve • Engine control system
While driving in "D" range, vibration occurs immediately before the stop or engine stalls.	• Control valve • Torque converter
Vehicle cannot shift while driving in "D" range.	• Control valve • TCM • Shift mechanism • Power supply system
Excessive shock when selecting "N" → "D", and "N" → "R".	• Control valve • TCM • F&R clutch pack • ATF deterioration or lack
Excessive shock at standing start in "D" range.	• Control valve • TCM • F&R clutch pack • ATF deterioration or lack
Engine speed increases abruptly during driving in "D" or "R" range.	• Control valve • Secondary pressure sensor • F&R clutch pack • ATF deterioration or lack
Vehicle can not start when depressing the accelerator pedal in "D" or "R" range, or acceleration is very poor. (without abrupt engine increase)	• Control valve • F&R clutch pack • Shift mechanism • Parking mechanism • Engine control system • Power supply system
Shift indicator in combination meter displays the position which differs from select lever position.	• Inhibitor switch • Select cable related • Combination meter
Manual mode enters even though the select lever and paddle shift switch is not operated.	• Manual mode switch • Paddle shift switch • Select lever • TCM
Engine speed increases abruptly in "D" or "R" range, vehicle can not start.	• F&R clutch pack • Select cable related
Manual mode can not be set	• Select lever • TCM

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CONTINUOUSLY VARIABLE TRANSMISSION (DIAGNOSTICS)

MANUAL TRANSMISSION AND DIFFERENTIAL

5MT

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