

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

Diagnostics with Phenomenon

CONTINUOUSLY VARIABLE TRANSMISSION (DIAGNOSTICS)

GENERAL DESCRIPTION (CVT)

GD(CVT)

	Page
1. List of Diagnostic Trouble Code (DTC)	2
2. Diagnostic Trouble Code (DTC) Detecting Criteria	5