

Diagnostics with Phenomenon

CONTINUOUSLY VARIABLE TRANSMISSION (DIAGNOSTICS)

19.Diagnostics with Phenomenon

A: INSPECTION

Symptoms	Faulty parts
Engine stalls when driving in “D” or “R” range, or selecting “N” → “D”, “N” → “R”.	<ul style="list-style-type: none">• Control valve• Engine control system
While driving in “D” range, vibration occurs immediately before the stop or engine stalls.	<ul style="list-style-type: none">• Control valve• Torque converter
Vehicle cannot shift while driving in “D” range.	<ul style="list-style-type: none">• Control valve• TCM• Shift mechanism• Power supply system
Excessive shock when selecting “N” → “D”, and “N” → “R”.	<ul style="list-style-type: none">• Control valve• TCM• F&R clutch pack• ATF deterioration or lack
Excessive shock at standing start in “D” range.	<ul style="list-style-type: none">• Control valve• TCM• F&R clutch pack• ATF deterioration or lack
Engine speed increases abruptly during driving in “D” or “R” range.	<ul style="list-style-type: none">• 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)	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• Inhibitor switch• Select cable related• Combination meter
Manual mode enters even though the select lever and paddle shift switch is not operated.	<ul style="list-style-type: none">• Manual mode switch• Paddle shift switch• Select lever• TCM
Engine speed increases abruptly in “D” or “R” range, vehicle can not start.	<ul style="list-style-type: none">• F&R clutch pack• Select cable related
Manual mode can not be set	<ul style="list-style-type: none">• Select lever• TCM

GENERAL DESCRIPTION (CVT)

GD(CVT)(w/o HEV)

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