

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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