

Diagnostics with Phenomenon

CONTINUOUSLY VARIABLE TRANSMISSION (DIAGNOSTICS)

17. 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

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MANUAL TRANSMISSION AND DIFFERENTIAL

5MT

	Page
1. General Description	2
2. Transmission Gear Oil	22
3. Manual Transmission Assembly	23
4. Transmission Mounting System	30
5. Oil Seal	32
6. Differential Side Retainer Oil Seal	34
7. Switches and Harness	35
8. Preparation for Overhaul	37
9. Transfer Case and Extension Case Assembly	38
10. Transfer Drive Gear	44
11. Transfer Driven Gear	46
12. Center Differential	48
13. Reverse Check Sleeve	49
14. Transmission Case	52
15. Main Shaft Assembly for Single-Range	56
16. Drive Pinion Shaft Assembly	61
17. Front Differential Assembly	71
18. Reverse Idler Gear	79
19. Shifter Fork and Rod	81
20. General Diagnostic Table	84