

36. Diagnostics with Phenomenon

A: INSPECTION

Symptoms	Faulty parts
Engine does not start when the select lever is in "N" and "P" range.	<ul style="list-style-type: none">• Select cable• Inhibitor switch• TCM
Engine starts when the select lever is in a range other than "N" or "P" range.	<ul style="list-style-type: none">• Select cable• Inhibitor switch• TCM
The vehicle is not switched to parting mode when the select lever is in "P" range.	<ul style="list-style-type: none">• Inhibitor switch• Select cable• Parking mechanism
Parking mode is not canceled even if the select lever is shifted from "P" range to another range.	<ul style="list-style-type: none">• Inhibitor switch• Select cable• Parking mechanism
Excessive shock when the select lever is shifted from "N" range to "D" range or from "N" range to "R" range.	<ul style="list-style-type: none">• ATF• Turbine speed sensor• Line pressure solenoid• Line pressure circuit
Engine stalls when the select lever is shifted from "N" range to "D" range or from "N" range to "R" range.	<ul style="list-style-type: none">• ATF• Turbine speed sensor• Line pressure circuit• Lock-up solenoid• Lock-up pressure circuit• Engine speed signal• TCM
Excessive shift shock while driving with the select lever in "D" range.	<ul style="list-style-type: none">• ATF• Vehicle speed sensor• Turbine speed sensor• Line pressure circuit• Engine speed signal• TCM
Excessive shock at lock-up or lock-up does not occur when the select lever is in "D" range.	<ul style="list-style-type: none">• Vehicle speed sensor• Turbine speed sensor• Line pressure circuit• Lock-up solenoid• Lock-up pressure circuit• Engine speed signal• TCM
Cannot drive in all ranges.	<ul style="list-style-type: none">• ATF• Select cable• Inhibitor switch• Line pressure solenoid• Line pressure circuit• Engine speed signal• TCM• Gear and clutch
The vehicle can run when the select lever is in "P" and "N" range.	<ul style="list-style-type: none">• Inhibitor switch• Select cable
Excessively poor acceleration when the select lever is in "D" range.	<ul style="list-style-type: none">• ATF• Line pressure solenoid• Line pressure circuit• Vehicle speed sensor• Engine speed signal• TCM• Gear and clutch

Diagnostics with Phenomenon

AUTOMATIC TRANSMISSION

Symptoms	Faulty parts
Noise emitted from transmission	<ul style="list-style-type: none">• ATF• Gear, clutch and bearing• Control valve

Diagnostics with Phenomenon

AUTOMATIC TRANSMISSION

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

5AT(*diag*)

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