

Symptoms - Automatic Transmission

Symptom Diagnosis

Diagnostic Category	Diagnostic Information
DEFINITION: This table consists of 9 diagnostic categories that are located in the left column. Using this column, choose the appropriate category based on the operating conditions of the vehicle or transmission. After selecting a category, use the right column to locate the specific symptom diagnostic information.	
Fluid Diagnosis This category contains the following topics: - Fluid condition: appearance, contaminants, smell, overheating - Line pressure: high or low - Fluid leaks	- Refer to Transmission Fluid Check . - Refer to Oil Pressure High or Low . - Refer to Fluid Leak Diagnosis . - Refer to Oil Out the Vent .
Noise and Vibration Diagnosis This category contains the following topics: - Ratcheting noise - Noise: drive gear, final drive, whine, growl, rattle, buzz, popping - Vibration	- Refer to Ratcheting Noise . - Refer to Ticking Noise in Reverse . - Refer to Vibration in Reverse and Whining Noise in Park . - Refer to Popping Noise . - Refer to Whine Noise Varying with RPM or Fluid Pressure . - Refer to Buzz Noise or High Frequency Rattle Sound . - Refer to Noise in Random Ranges .
Range Performance Diagnosis This category contains the following topics: - Drives in Neutral - No Park - No Reverse - No Drive - No engine braking - Shift selector indicator does not match transmission gear range - Lack of power or hesitation	- Refer to Drives in Neutral . - Refer to No Park . - Refer to No Reverse or Slips in Reverse . - Refer to No Drive in All Ranges . - Refer to No Drive in Drive Range . - Refer to No Overrun Braking - Manual 3-2-1 . - Refer to Range Selector Displays Incorrect Range . - Refer to Lack of Power or Hesitation .
Shift Quality (Feel) Diagnosis This category contains the following topic:	- Refer to Harsh Shifts . - Refer to Slipping or Harsh 1-2 Shift . - Refer to No 2-3 Shift or 2-3 Shift .

• Harsh, soft or slipping shifts • Harsh, soft or delayed engagement • Shift shudder, flare or tie-up	• Slips, Rough or Hunting . • Refer to No 3-4 Shift, Slips or Rough 3-4 Shift . • Refer to Harsh Garage Shift . • Refer to Delay in Drive and Reverse . • Refer to 3-2 Flare or Tie-Up .
Shift Pattern This category contains the following topics: • One forward gear only • Two forward gears only • Gear missing or slipping • No upshift or slipping upshift • No downshifts • Non-First gear start	• Refer to First Gear Range Only - No Upshift . • Refer to Third Gear Only . • Refer to Second/Third Gear Only or First/Fourth Gears Only . • Refer to Slips in First Gear . • Refer to Slipping or Harsh 1-2 Shift . • Refer to No 2-3 Shift or 2-3 Shift Slips, Rough or Hunting . • Refer to No 3-4 Shift, Slips or Rough 3-4 Shift . • Refer to No Part Throttle or Delayed Downshifts . • Refer to Second Gear Start .
Shift Speed Diagnosis This category contains the following topic: Inaccurate or inconsistent shift points	Refer to Inaccurate Shift Points .
Torque Converter Diagnosis This category contains the following topics: • Torque converter diagnosis • TCC does not apply • TCC does not release • TCC apply/release quality	• Refer to Torque Converter Diagnosis . • Refer to No Torque Converter Clutch Apply . • Refer to No Torque Converter Clutch Release . • Refer to Torque Converter Clutch Shudder .
Indicator On or Message Center Displays Message This category contains the following topics: Message Center displays "change trans fluid"	Refer to Transmission Component and System Description .
If symptom is not found	• Refer to Transmission Fluid Check . • Refer to Road Test . • Refer to Line Pressure Check .