



SERVICE BULLETIN

Classification: TF03-003	Reference: NTB04-074	Date: June 9, 2004
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2001 – 2002 PATHFINDER; 4WD WARNING LAMP COMES ON INTERMITTENTLY

- APPLIED VEHICLES:** 2001 – 2002 Pathfinder (R50)
APPLIED TRANSFER CASE: All Mode 4WD (Model ATX14A)
APPLIED VIN: 2001 vehicles, all VIN's
 2002 vehicles built before JN8DR09Y(*)2W 747550
APPLIED DATE: Vehicles built before June 28, 2002

IF YOU CONFIRM:

The 4WD Warning Lamp comes on intermittently and/or flashes,

ACTION:

1. Check the All-Mode 4WD system. Confirm the following:

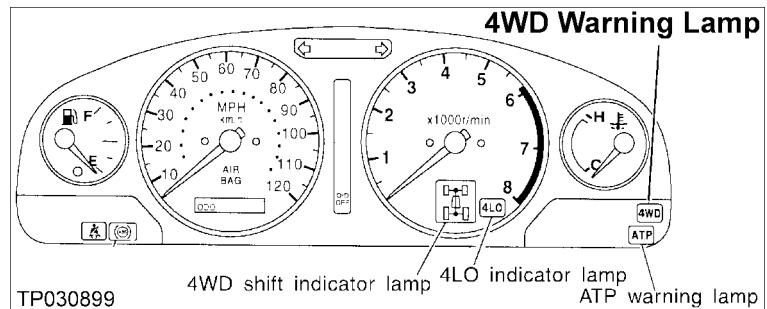


Figure 1

- a. There are no DTC's for the All-Mode 4WD system.
 - b. All 4 tires are the same diameter (same size around the tread area).
 - c. There is no malfunction with the transfer fluid temperature sensor circuit.
 - d. Transfer fluid is not overheated.
2. If there are no other malfunctions, replace the transfer case Main Oil Pump.

NOTE:

- See Figure 1 on page 2 for part location.
- Use the part listed in the Parts Information.
- Go to the TF section in the appropriate Service Manual (ESM) for inspection and part replacement information.

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
Pump Assembly	31340-0W415*	1

* The part listed above will include the Inner Gear, Outer Gear, and Oil Pump Housing as a matched set (see 77, 78, and 79 in Figure 2 on page 2).

CLAIMS INFORMATION

Submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIAG	FRT
Replace Oil Pump Assy	31340-0W415	KD30AA	HC	32	(1)

1. Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.

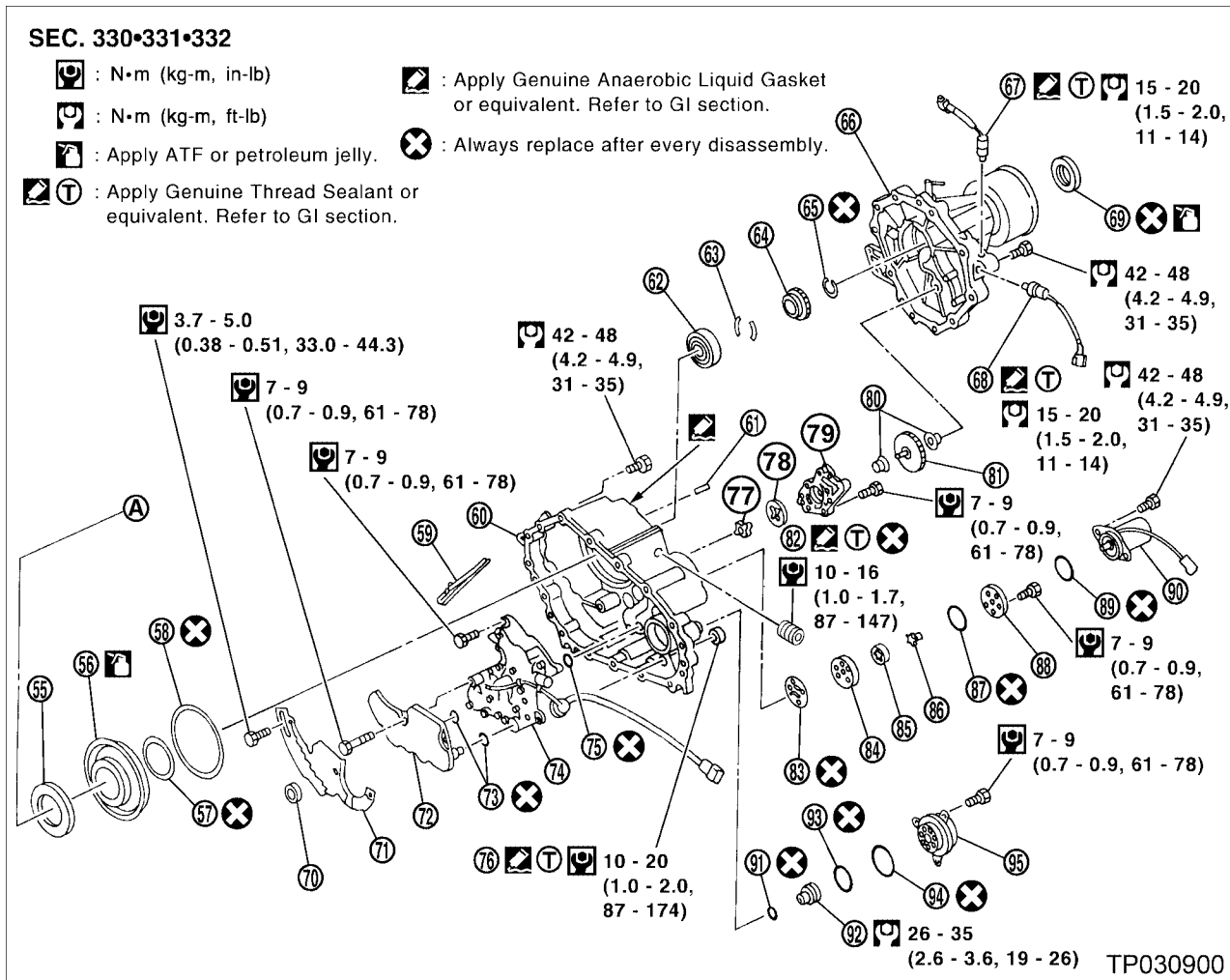


Figure 2

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|--------------------------------|-----------------------------|--------------------------|
| 55. Thrust needle bearing race | 69. Oil seal | 83. Oil pump gasket |
| 56. Clutch piston | 70. Magnet | 84. Sub-oil pump housing |
| 57. D-ring | 71. Baffle plate | 85. Outer gear |
| 58. Lip seal | 72. Oil strainer | 86. Inner gear |
| 59. Oil gutter | 73. O-ring | 87. O-ring |
| 60. Center case | 74. Control valve assembly | 88. Sub-oil pump cover |
| 61. Stem bleeder | 75. Lip seal (7 pieces) | 89. O-ring |
| 62. Mainshaft rear bearing | 76. Filler plug | 90. Transfer motor |
| 63. Thrust washer | 77. Inner gear | 91. O-ring |
| 64. Speedometer drive gear | 78. Outer gear | 92. Oil filter stud |
| 65. Snap ring | 79. Oil pump housing | 93. O-ring |
| 66. Rear case | 80. Bushing | 94. O-ring |
| 67. ATP switch | 81. Oil pump shaft | 95. Oil filter |
| 68. Neutral-4LO switch | 82. Oil pressure check plug | |