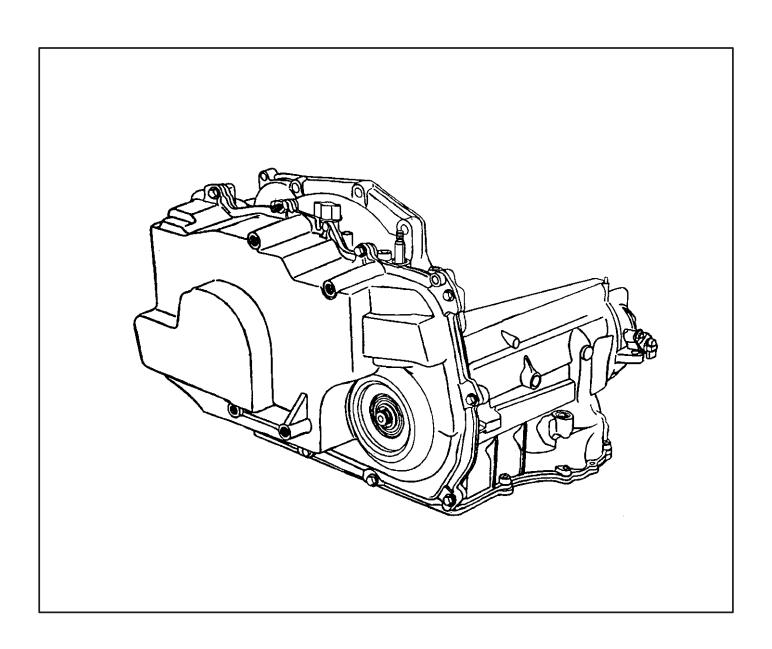


# THM 4T40-E

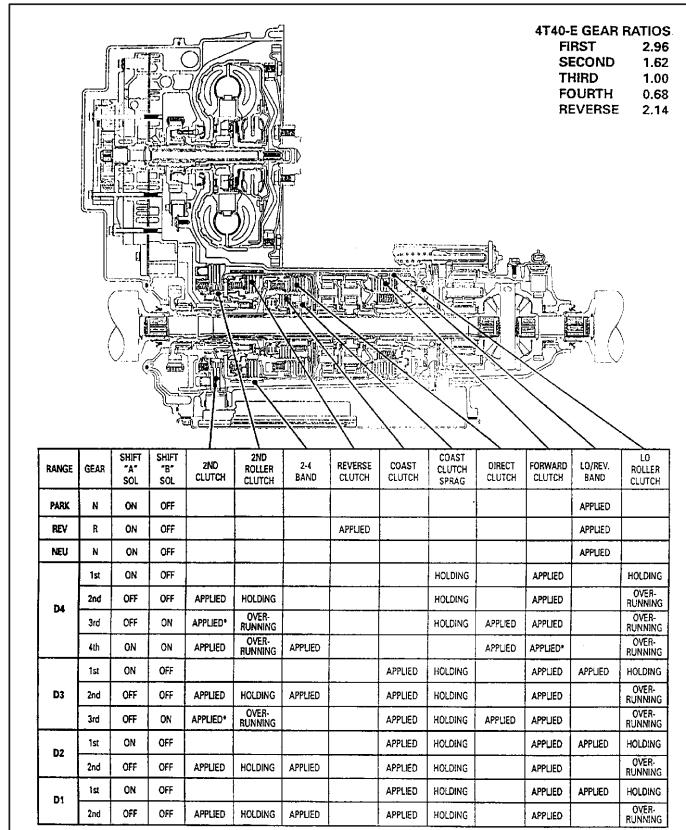
#### PRELIMINARY INFORMATION



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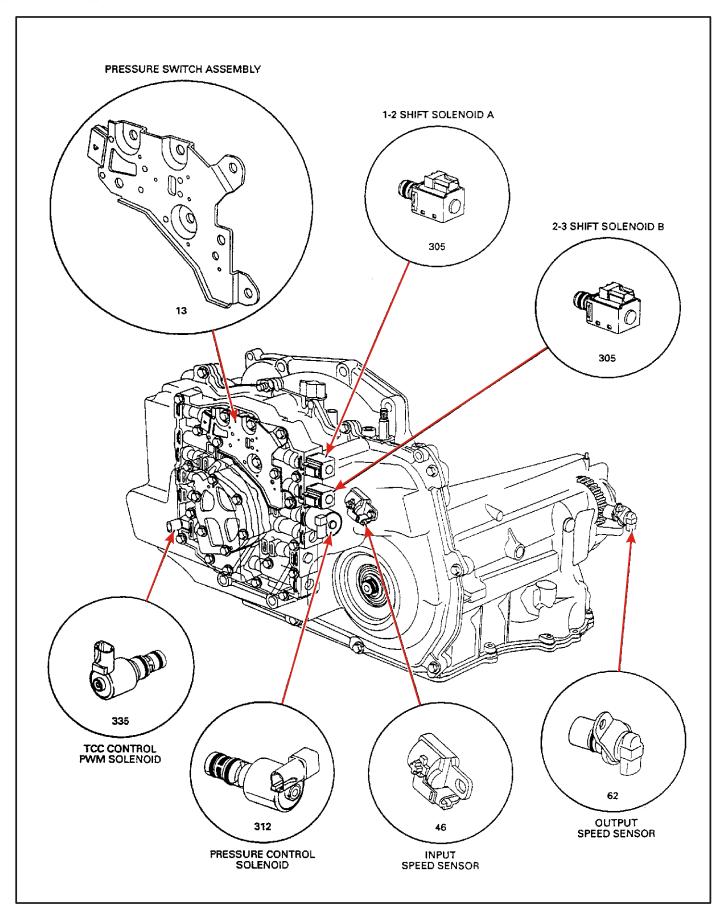


ON = SOLENOID ENEGERIZED
OFF = SOLENOID DE-ENEGERIZED

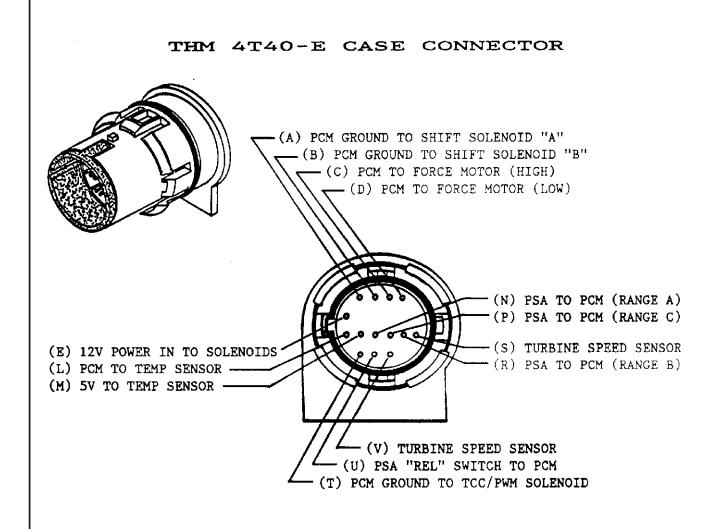
\* = APPLIED WITH NO LOAD.

\*\* = MANUAL FIRST - SECOND GEAR IS ONLY AVAILABLE ABOVE APPROXIMATELY 30 TO 35 MPH.

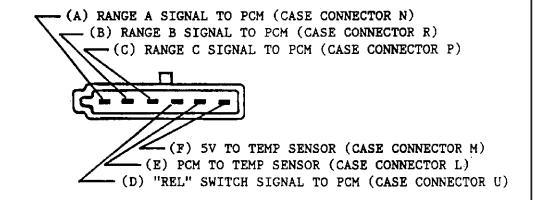




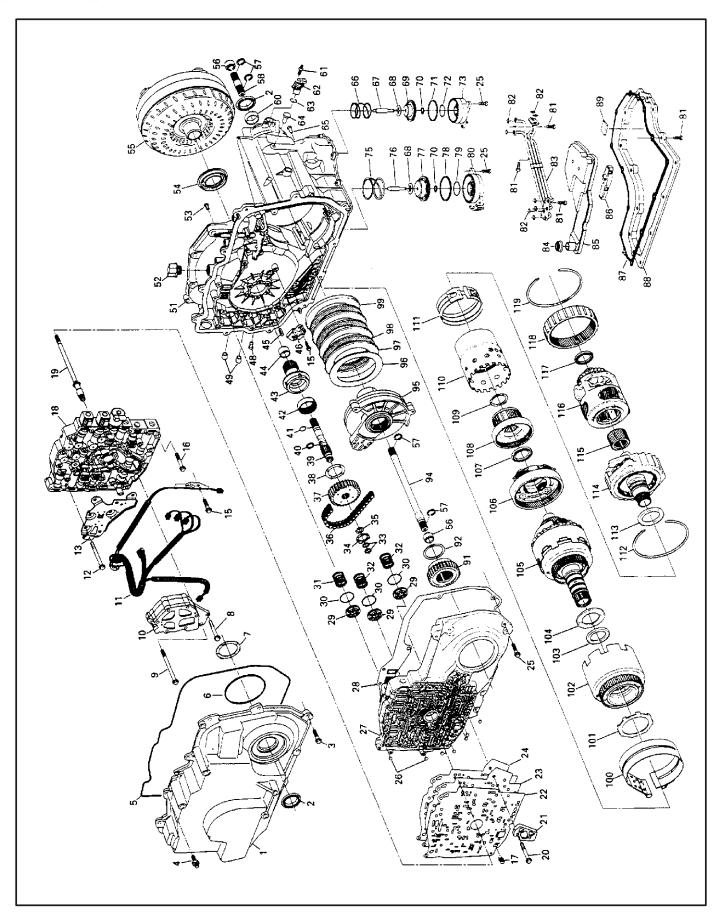




#### PRESSURE SWITCH ASSEMBLY (PSA) CONNECTOR





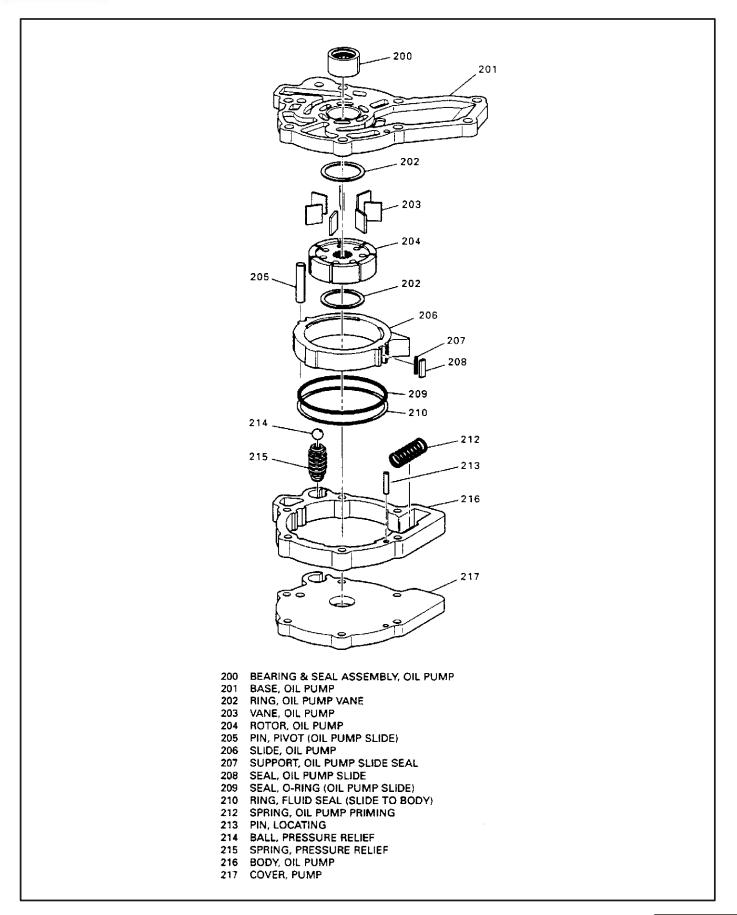




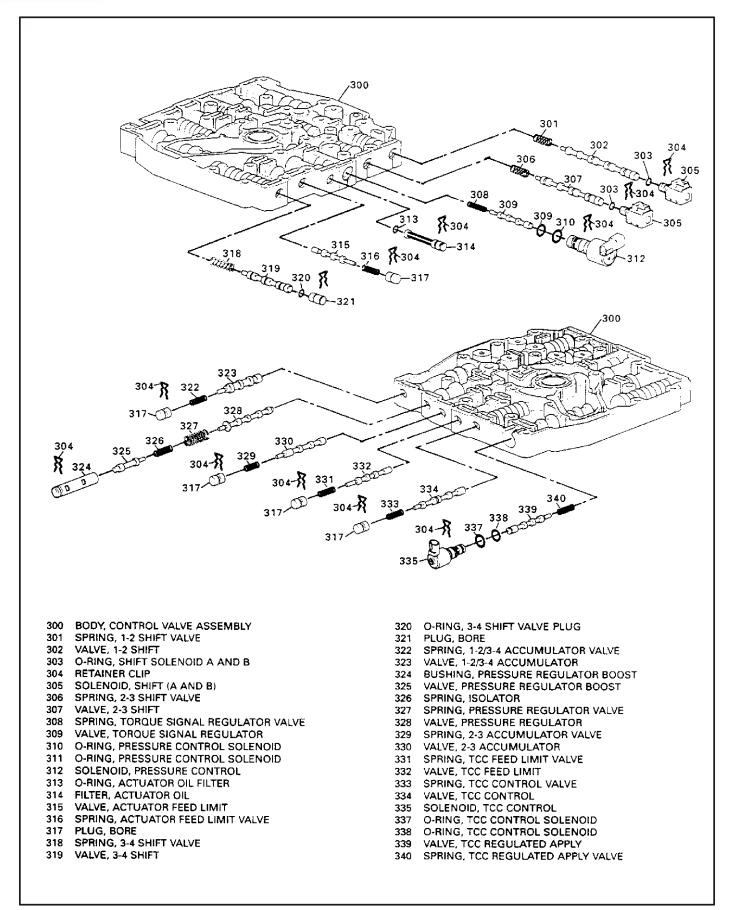
- 1 COVER, SIDE (STRUCTURAL)
- 2 SEAL AXLE OIL
- 3 BOLT, SIDE COVER
- 4 STUD, SIDE COVER
- 5 GASKET, SIDE COVER
- 6 GASKET, SIDE COVER OIL LEVEL CONTROL
- 7 WASHER, THRUST (SIDE COVER TO DRIVEN SPROCKET)
- 8 BOLT, OIL PUMP
- 9 BOLT, OIL PUMP
- 10 PUMP ASSEMBLY, TRANSAXLE OIL
- 11 WIRING ASSEMBLY, TRANSAXLE
- 12 BOLT, PRESSURE SWITCH ASSEMBLY
- 13 PRESSURE SWITCH ASSEMBLY (PSA)
- 15 BOLT, WIRING HARNESS BRACKET BOLT, INPUT SPEED SENSOR
- 16 BOLT, VALVE BODY
- 18 BODY ASSEMBLY, CONTROL VALVE
- 19 SHAFT, OIL PUMP DRIVE
- 20 BOLT, SPACER PLATE SUPPORT
- 21 SUPPORT, SPACER PLATE
- 22 GASKET, VALVE BODY TO SPACER PLATE
- 23 PLATE, VALVE BODY SPACER
- 24 GASKET, SPACER PLATE TO CHANNEL PLATE
- 25 BOLT, CHANNEL PLATE BOLT, SERVO COVER
- 26 CHECKBALLS (7)
- 27 PLATE, CHANNEL
- 28 GASKET, CASE TO CHANNEL PLATE
- 29 PISTON, ACCUMULATOR (1-2, 2-3 AND 3-4)
- 30 SEAL, ACCUMULATOR PISTON (1-2, 2-3 AND 3-4)
- 31 SPRING, 1-2 ACCUMULATOR PISTON
- 32 SPRING, 2-3 AND 3-4 ACCUMULATOR PISTON
- 33 SEAL, O-RING (TURBINE SHAFT TO SPROCKET)
- 34 WASHER, THRUST (CHANNEL PLATE TO DRIVE SPROCKET)
- 35 RING, SNAP (TURBINE SHAFT TO DRIVE SPROCKET)
- 36 LINK ASSEMBLY, DRIVE
- 37 SPROCKET, DRIVE
- 38 WASHER, THRUST (DRIVE SPROCKET TO SUPPORT)
- 39 SHAFT, TURBINE
- 40 SEAL, O-RING (TURBINE SHAFT TO SUPPORT)
- 41 SEAL, O-RING (TORQUE CONVERTER)
- 42 BEARING, DRIVE SPROCKET SUPPORT
- 43 SUPPORT, DRIVE SPROCKET
- 44 BUSHING, DRIVE SPROCKET SUPPORT
- 45 PIN, DOWEL (CHANNEL PLATE TO CASE)
- 46 SENSOR, INPUT SPEED
- 48 PLUG, LINE PRESSURE TAP
- 49 SEAL, COOLER PIPE
- 51 CASE, TRANSAXLE
- 52 CAP, VENT
- 53 SCREW, DRIVE SPROCKET SUPPORT
- 54 SEAL, CONVERTER
- 55 TORQUE CONVERTER ASSEMBLY
- 56 SLEEVE, OUTPUT/STUB SHAFT
- 57 RING, OUTPUT/STUB SHAFT SNAP
- 58 SHAFT, OUTPUT STUB
- 60 BUSHING, CASE TO FINAL DRIVE

- 61 STUD, OUTPUT SPEED SENSOR
- 62 SENSOR, OUTPUT SPEED
- 63 SEAL, O-RING (OUTPUT SPEED SENSOR)
- 64 PIN, BAND ANCHOR LO/REVERSE
- 65 PLUG, OIL LEVEL CONTROL
- 66 SPRING, SERVO RETURN (LO/REVERSE)
- 67 PIN, SERVO APPLY (LO/REVERSE)
- 68 SPRING, SERVO CUSHION
- 69 PISTON, SERVO (LO/REVERSE)
- 70 RING, SERVO SNAP
- 71 SEAL, SERVO PISTON (LO/REVERSE)
- 72 SEAL, SERVO COVER (LO/REVERSE)
- 73 COVER, SERVO (LO/REVERSE)
- 75 SPRING, SERVO RETURN (INTERMEDIATE/4TH)
- 76 PIN, SERVO APPLY (INTERMEDIATE/4TH)
- 77 PISTON, SERVO (INTERMEDIATE/4TH)
- 78 SEAL, SERVO PISTON (INTERMEDIATE/4TH)
- 79 SEAL, SERVO COVER (INTERMEDIATE/4TH)
- 80 COVER, SERVO (INTERMEDIATE/4TH)
- 81 BOLT, TUBE ASSEMBLY BOLT, BOTTOM PAN
- 82 SEAL, OIL FEED TUBE ASSEMBLY
- 83 TUBE ASSEMBLY, OIL FEED
- 84 SEAL, TRANSAXLE OIL FILTER
- 85 FILTER ASSEMBLY, TRANSAXLE OIL
- 86 VALVE, OIL LEVEL CONTROL
- 87 GASKET, TRANSAXLE BOTTOM PAN
- 88 PAN, TRANSAXLE OIL
- 89 MAGNET, CHIP COLLECTOR
- 91 SPROCKET, DRIVEN
- 92 WASHER, THRUST (DRIVEN SPROCKET TO SUPPORT)
- 94 SHAFT, OUTPUT
- 95 SUPPORT ASSEMBLY, DRIVEN SPROCKET
- 96 PLATE, 2ND CLUTCH WAVED
- 97 PLATE, 2ND CLUTCH STEEL
- 98 PLATE, 2ND CLUTCH FIBER
- 99 PLATE, 2ND CLUTCH BACKING
- 100 BAND, INTERMEDIATE/4TH
- 101 WASHER, THRUST (SUPPORT TO REVERSE INPUT CLUTCH)
- 102 CLUTCH ASSEMBLY, REVERSE INPUT
- 103 BEARING, THRUST
- 104 WASHER, THRUST (SELECTIVE)
- 105 CLUTCH ASSEMBLY, DIRECT & COAST
- 106 CARRIER ASSEMBLY, INPUT
- 107 BEARING, THRUST
- 108 INPUT FLANGE & FORWARD CLUTCH HUB ASSEMBLY
- 109 WASHER, THRUST
- 110 CLUTCH ASSEMBLY, FORWARD
- 111 BAND, LO/REVERSE
- 112 RING, SNAP (FORWARD CLUTCH SUPPORT TO CASE)
- 113 BEARING, THRUST
- 114 SUPPORT ASSEMBLY, FORWARD CLUTCH
- 115 GEAR, SUN (FINAL DRIVE)
- 116 DIFFERENTIAL AND FINAL DRIVE ASSEMBLY
  117 BEARING, THRUST
- 118 GEAR, FINAL DRIVE INTERNAL 119 RING, FRETTING (INTERNAL GEAR TO CASE)

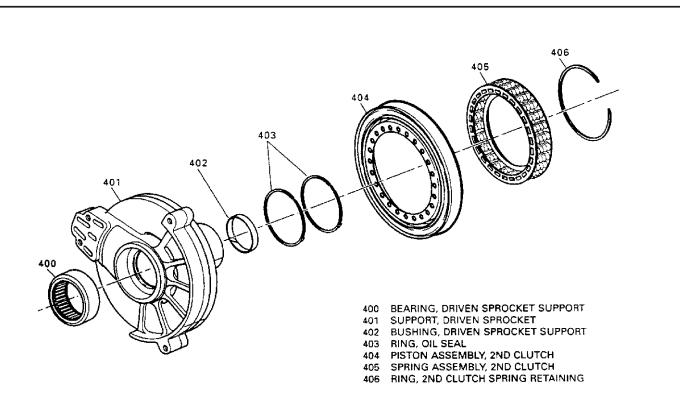


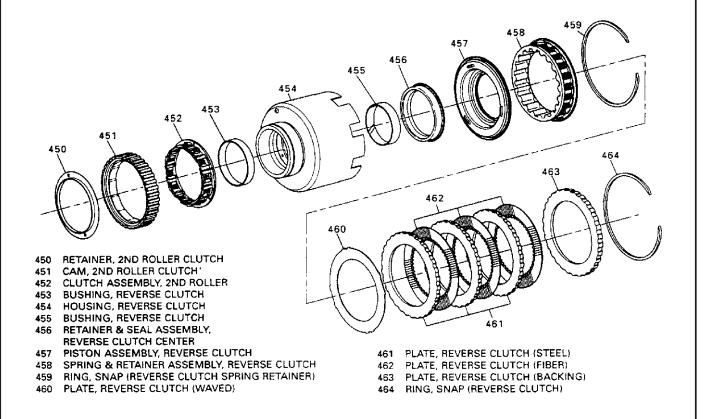




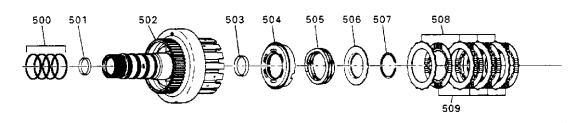


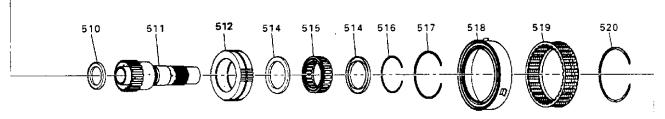


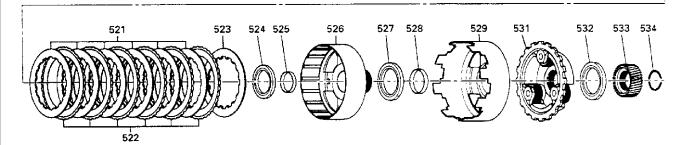








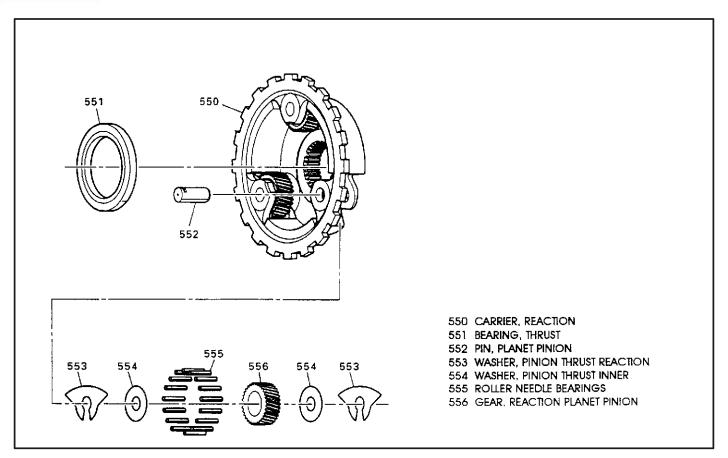


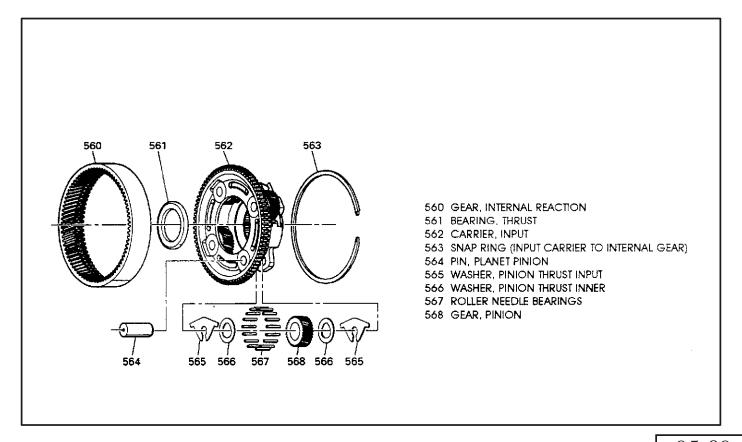


- 500 RING, OIL SEAL INPUT SHAFT
- 501 BUSHING, INPUT SHAFT
- 502 HOUSING, DIRECT & COAST CLUTCH AND INPUT SHAFT
- 503 BUSHING, DIRECT CLUTCH HOUSING TO OUTPUT SHAFT
- 504 PISTON ASSEMBLY, COAST CLUTCH
- 505 SPRING, COAST CLUTCH RELEASE
- 506 RETAINER, COAST CLUTCH SPRING
- 507 RING, SNAP (COAST CLUTCH SPRING RETAINER)
- 508 PLATE, COAST CLUTCH (STEEL)
- 509 PLATE, COAST CLUTCH (FIBER)
- 510 BEARING, THRUST
- 511 SHAFT AND INNER RACE ASSEMBLY, INPUT SUN GEAR
- 512 RACE, OUTER (INPUT SPRAG)
- 514 END BEARINGS, SPRAG CLUTCH (2)
- 515 SPRAG ASSEMBLY, INPUT
- 516 RING, SNAP (OUTER RACE TO SPRAG ASSEMBLY)

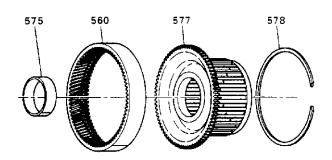
- 517 RING, SNAP (DIRECT/COAST CLUTCH RETAINING)
- 518 PISTON ASSEMBLY, DIRECT CLUTCH
- 519 SPRING AND RETAINER ASSEMBLY, DIRECT CLUTCH
- 520 RING, DIRECT CLUTCH SPRING RETAINER
- 521 PLATE, DIRECT CLUTCH (STEEL)
- 522 PLATE, DIRECT CLUTCH (FIBER)
- 523 PLATE, DIRECT CLUTCH (BACKING)
- 524 BEARING, THRUST
- 525 BUSHING, REACTION CARRIER SHAFT
- 526 SHELL, REACTION CARRIER SHAFT
- 527 BEARING, THRUST (CARRIER SHAFT TO SHELL)
- 528 BUSHING, REACTION SUN GEAR
- 529 SHELL, REACTION SUN
- 531 CARRIER ASSEMBLY, REACTION
- 532 BEARING, THRUST (REACTION CARRIER TO SUN GEAR)
- 533 GEAR, REACTION SUN
- 534 RING, SNAP



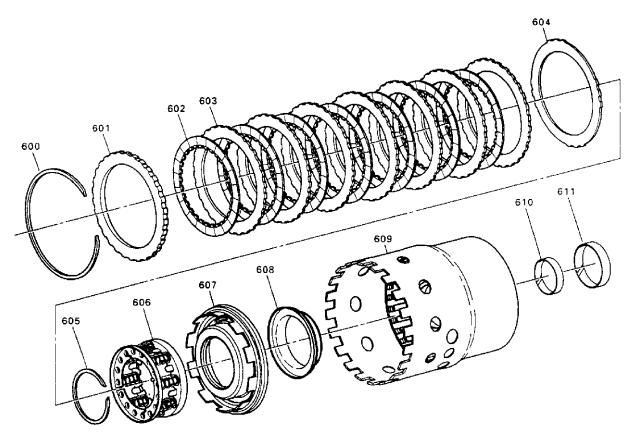








575 BUSHING, INPUT FLANGE
560 GEAR, INTERNAL INPUT
577 INPUT FLANGE AND FORWARD CLUTCH HUB
578 SNAP RING (INPUT RING GEAR TO INPUT FLANGE



600 RING, SNAP (FORWARD CLUTCH)
601 PLATE FORWARD CLUTCH (BACKING

601 PLATE, FORWARD CLUTCH (BACKING) 602 PLATE, FORWARD CLUTCH (FIBER)

603 PLATE, FORWARD CLUTCH (STEEL) 604 PLATE, FORWARD CLUTCH (WAVED)

605 RING, SNAP (FORWARD CLUTCH SPRING ASSEMBLY) 606 SPRING ASSEMBLY, FORWARD CLUTCH RETURN 607 PISTON ASSEMBLY, FORWARD CLUTCH

608 SEAL AND SLEEVE ASSEMBLY, FORWARD CLUTCH INNER

609 HOUSING, FORWARD CLUTCH

610 BUSHING, FORWARD CLUTCH SUPPORT

611 BUSHING, FORWARD CLUTCH SUPPORT



