

Document ID# 1350749

2002 Chevrolet S10 Pickup - 4WD

HVAC Mode Switch Inoperative or Stuck in Vent Mode, Oil in HVAC Control Head and/or Vacuum Lines (Replace Transfer Case Vacuum Switch and Contaminated HVAC Components) #03-01-38-009 - (Jun 25, 2003)

HVAC Mode Switch Inoperative or Stuck in Vent Mode, Oil in HVAC Control Head and/or Vacuum Lines (Replace Transfer Case Vacuum Switch and Contaminated HVAC Components)

2001-2003 Chevrolet Blazer, S10

2001-2003 GMC Sonoma

2001 GMC Envoy, Jimmy

2001-2003 GMC Jimmy (Export Canada Only)

with 4WD and Two-Speed Electric Shift Transfer Case (RPO NP1)

Condition

Some customers may comment that the HVAC mode switch may be inoperative or stuck in the vent mode. After some diagnosis, oil in the HVAC control head and/or vacuum lines may be found.

Cause

When the transmission or transfer case heat up, the oil may expand and find its way into the transfer case vacuum switch. This oil expulsion may cause the vacuum switch seal to fail and allow transfer case oil to be drawn into the HVAC vacuum lines.

Correction

Replace the transfer case vacuum switch. Refer to the Transfer Case Vacuum Switch Replacement procedure in the Transfer Case sub-section of the Service Manual. Also, replace all contaminated parts in the HVAC system.

Parts Information

Part Number Description

15664811 Switch -Transfer Case Vacuum

Parts are currently available from GMSPO.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation Description Labor Time

K4120 Switch, Vacuum Control Transfer Case - Replace 0.6 hr

Add Diagnosis Time 0-0.3 hr

Add With Skid Plate 0.2 hr

Any additional time for replacement of HVAC components must be submitted as Other Labor Hours and requires appropriate authorization.

Since that document was released, the part has been redesigned. The old part was 15664811 and had a green stripe on it. The new part is 89059420 and has a blue stripe on it.