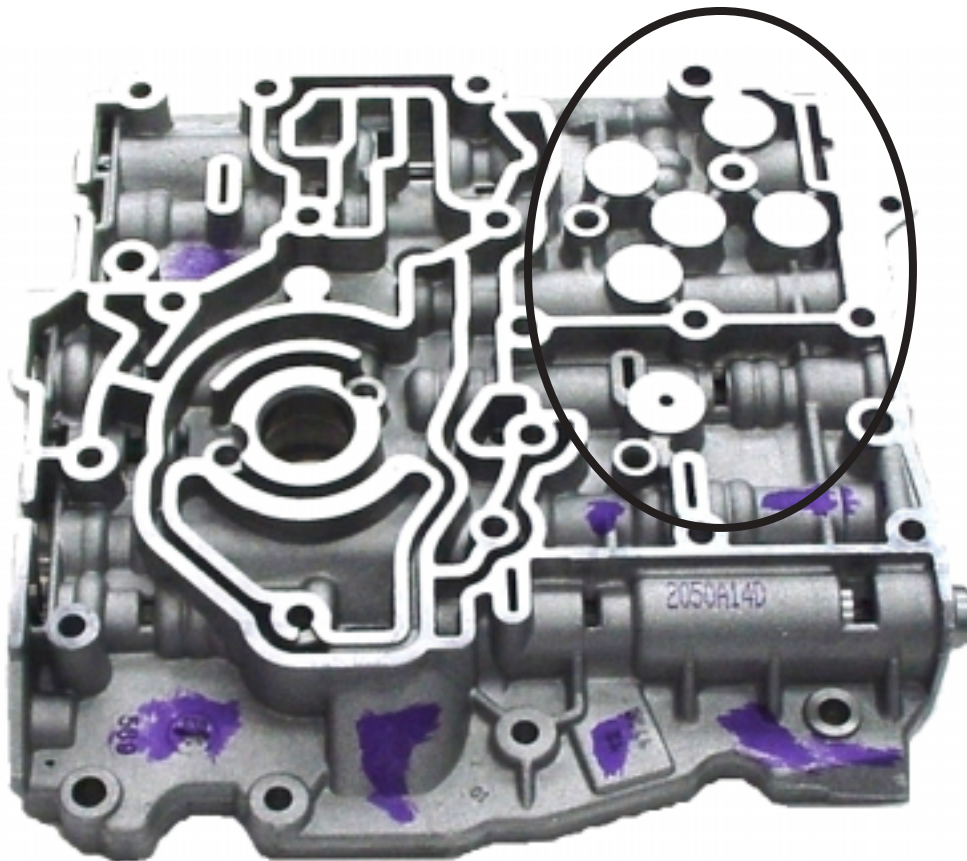


# *4T65E Update*

## *2002-2003 Valve Body Changes*

· 2003-1<sup>st</sup> design valve body with support (Part 24225443) For all 2003 models with an update level LESS than “3” and for model 3BCB model with update level “4” use the 24225443 valve body assembly.

**Valve Body  
without support  
and one pressure  
holes**



# *4T65E Update*

## *2002-2003 Valve Body Changes*

· 2003-2<sup>nd</sup> design valve body without support (Part # 24225926) For all 2003 models with an update level GREATER than “3” use the 24225926 valve body assembly. ( except the 3BCB model with an update level of “4”)

· Remember, the valve body update not only includes changes to the sleeve area but also changes to the PSA area to accommodate or not to accommodate the de-contented PSA assembly so always refer to the above information before ordering parts.

The 24225926 part number is for a “new valve body”. At a future date the part number will likely be changed as a remain valve body becomes available. Check with your parts person to be sure your ordering the correct part number in the future.



# *4T65E Update*

## *2002-2003 Changes*

An IMS (Internal Mode Switch) was added to all 4T65Es. A new design replaced the previous design that used a nut to hold the design together. The update was done as a cost savings.

The new design will back service the 99 and later model 4T65Es that utilized an IMS. As with the previous design, make sure the IMS is properly positioned on the rooster comb before installing the transmission in the vehicle!! The IMS part number is 24213847



**Fastening Nut  
was removed on  
the new switch**

# *4T65E Update*

## *2002-2003 Changes*

A new PSA was added to all models for 2003. This Change meant the valve body machining, and the wiring harness/connector also changed to accommodate the new design PSA. The update was done because of contamination issues with the PSA. The vehicle software was also updated eliminating the PSA DTC P1810.

The new design PSA and wiring harness will not back service the previous applications as the valve body machining has drastically changed. The part number for the previous design PSA is 24203699, the part number for the de-contented PSA is 24216426



**Early style PSA  
with Six switches**



**Late style PSA  
with one switch**



# *4T65E Update*

## *2002-2003 Changes*

A new design PCS was introduced for the 2003 applications. The vendor was changed from Delphi to Bosch. To accommodate the new design solenoid, the torque signal regulator valve spring tension was significantly increased. This new design will become common on all applications in the years to come.

GM does not recommend interchanging the two solenoids. If the old design is installed in a unit designed for the updated solenoid a slipping concern may occur. If the updated design is installed in an early model unit hard shift concerns may occur. The Delphi PCS part number is 10478146, the part number for the Bosch PCS is 24225825



# *4T65E Update*

## *2002-2003 Changes*

A running change is planned for the input housings on all 4T65E models. The new housing will accommodate a new design input housing washer (End play washer) which is wider, to fully support the sprocket support thrust bearing. The Housing machining diameter where the washer sets is now smaller (54.5mm).

The new design washer is available in 10 selective thickness. The updated washer must be used with the updated input housing due to the machining changes. The input housing is interchangeable with earlier years.

