



Technical Service Information

THM 4L60-E TRANSMISSION OVERHEATING AND/OR CONVERTER DISCOLORED

- COMPLAINT:** Before and/or after rebuild the torque converter is severely discolored from an overheating condition, and this sometimes happens on the road test, after installing a new torque converter.
- CAUSE:** The cause may be, no regulated apply oil available because of a TCC/PWM solenoid filled with debris that does not allow TCC Signal oil to stroke the TCC Regulator valve in the valve body. There are no codes stored, as the TCC/PWM Solenoid is still working electrically.
- CORRECTION:** To eliminate the possibility of this overheating condition happening to you or to your customer, we are recommending to replace the current spring between the valves in the TCC Regulator Valve line-up with a 700 inner pump slide spring, as shown in Figure 1. This will completely by-pass the TCC Regulator Valve, provide a more positive lock-up apply feel, and guarantee that you will always have apply oil available.

REPLACE THIS SPRING WITH AN INNER
PUMP SLIDE SPRING FROM THM 700-R4
OR THM 4L60-E TRANSMISSION

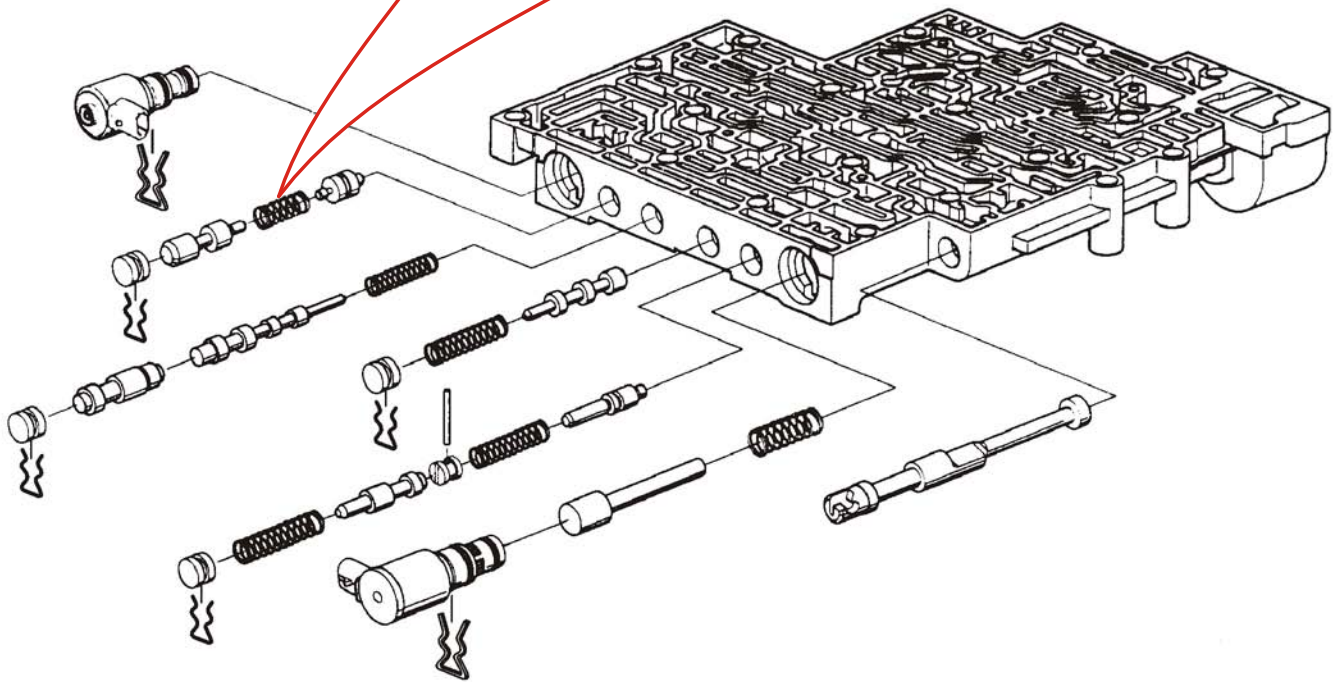


Figure 1