

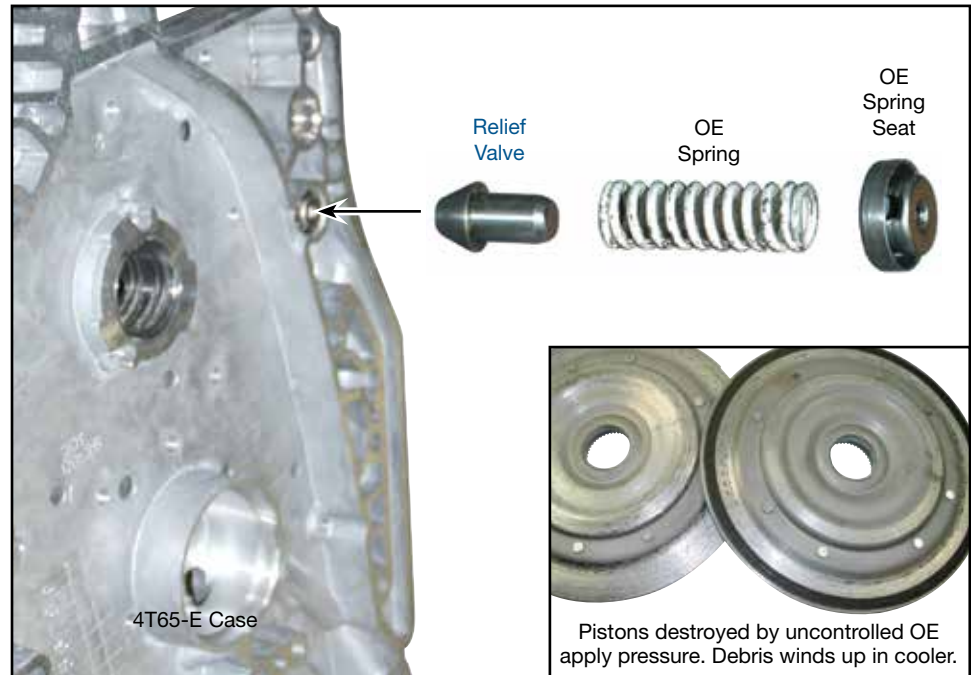
GM 4T65-E

Relief Valve Kit

Part No.

84757-01K

- Relief Valves (10)



1. Disassembly

- Note and record spring seat depth before removal.
- Set the cover over an opening, such as two E4OD sprag races (**Figure 1**).
- Using a 316 flat punch, inserted from the valve body side, drive the ball, spring and spring seat out (**Figure 1**).
- Discard the ball, while keeping the spring and spring seat for reassembly.
- Measure OE spring. If its longer than 1.230", flat-grind the end coils until length is 1.210–1.230".

2. Installation & Assembly

- Set Sonnax relief valve into the pocket, followed by the spring and spring seat.
- Press the spring seat into the pocket until it is flush with the gasket surface. If left too high, the chain cover installation would have to press it down flush. If set too deep, it negatively increases release pressure (**Figure 2**).

Note: An AXODE boost sleeve works well as a mandrel. First use the large closed end to start the seat squarely, then use the small open end to press into final depth (**Figure 3**).

- From the spring side, using the 316 punch, hit the stem of the relief valve sharply to reform the seat and prevent leaks (**Figure 4**).

NOTE: When contamination is found check cooler flow with a Sonnax **SonnaFlow™** or replace cooler.

