

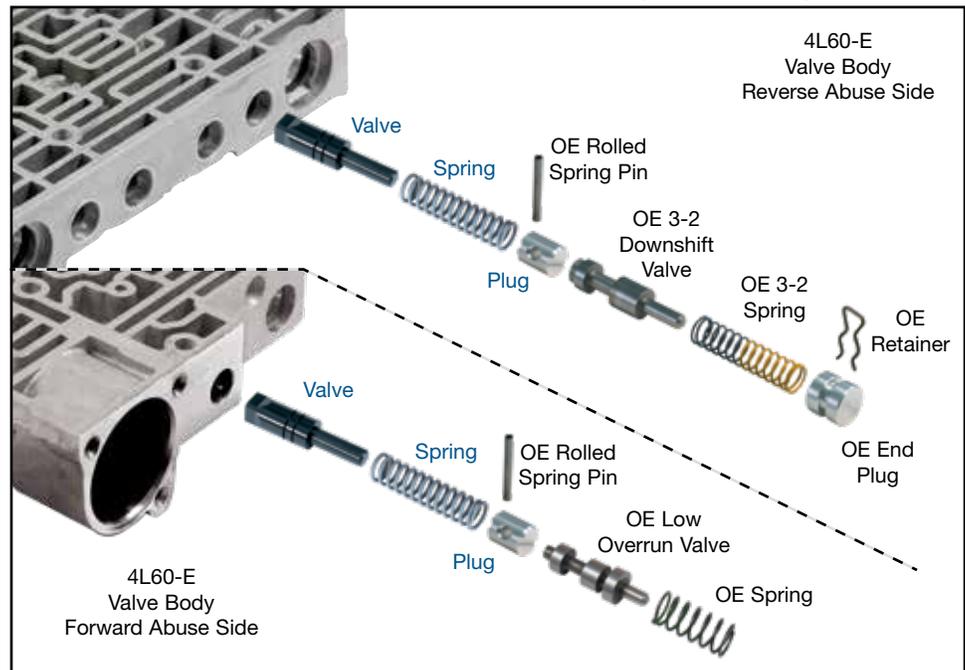
Forward & Reverse Abuse Valve Kit

Part No.

77754-35K

- Valve
- Plug
- Spring

GM 4L60-E, 4L65-E, 4L70-E



1. Disassembly

- Remove and retain OE outer 3-2 downshift valve line-up (Reverse abuse) or low overrun valve line-up (Forward abuse).
- Remove OE rolled spring pin and keep for reuse.
- Remove and discard OE abuse bore plug.
- Remove and discard OE Forward or Reverse abuse valve and spring.

NOTE: In instances where the valve has been stuck, a bore ridge may have been worn at the OE full open position. To remove this ridge, use a 3/8" drill shank or 3/8" center punch as a bore sizing tool. Insert the shank into the bore, tapping until it is seated in the bore, to push the aluminum in place.

2. Installation & Assembly

- Ensure all debris has been removed from the valve bore and body.
- Install Sonnax valve and spring, refer to photos for proper orientation and alignment.
- The Sonnax valve and spring work in either Forward or Reverse abuse locations.
- Install Sonnax abuse bore plug and retain with OE rolled spring pin.
- Reinstall OE 3-2 downshift valve line-up (Reverse abuse) or low overrun valve line-up (Forward abuse).

3. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg.

