

COMPLAINT

Shift complaints, pressure problems, trouble codes

CAUSE

Leakage of EPC oil at multiple locations diminishes line rise and feed to the TCC circuit, resulting in pressure-related shift complaints, converter issues and trouble codes. Additional leakage in the solenoid oil circuit contributes to the various shift complaints.

CORRECTION

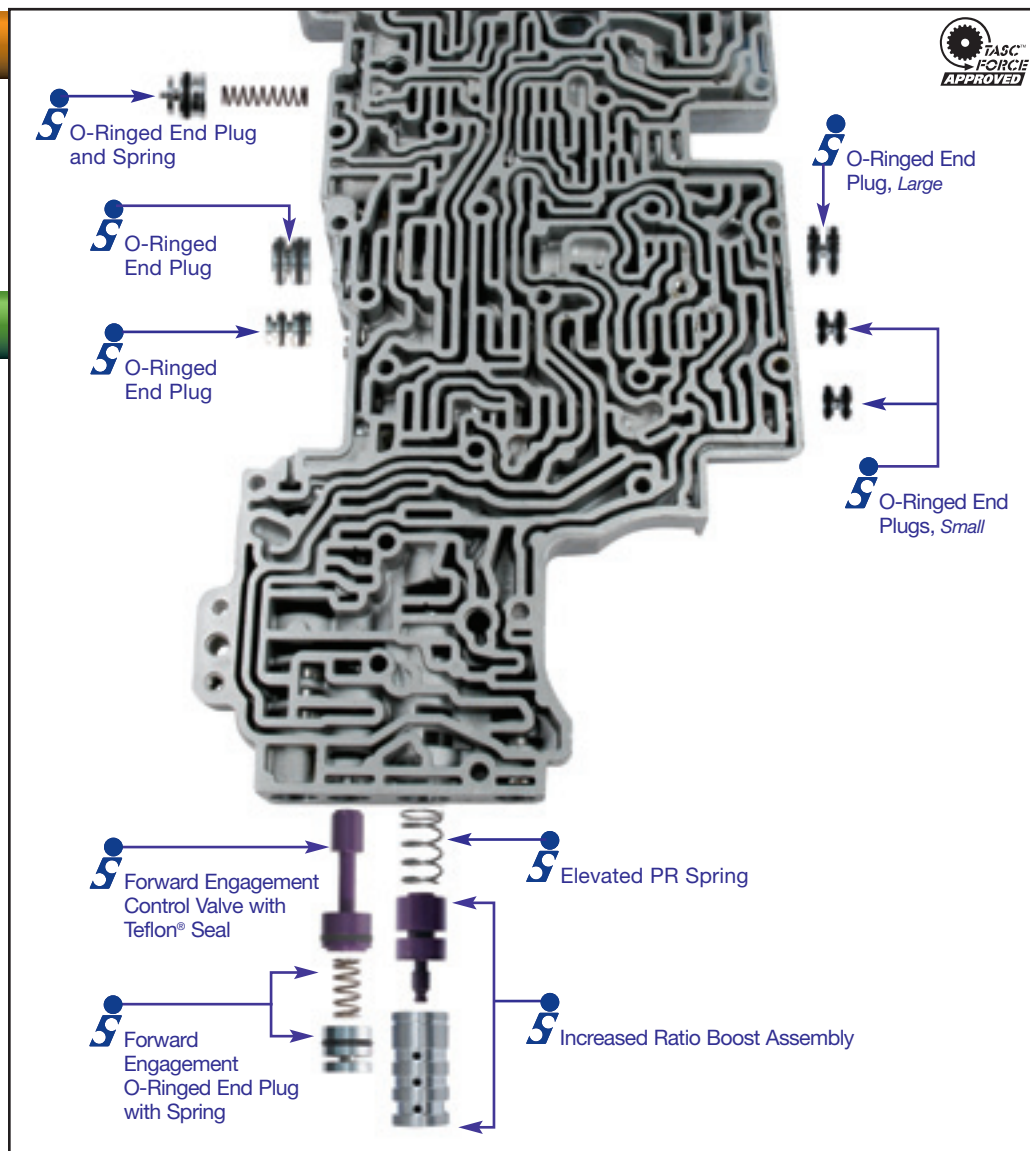
This baseline rebuilding kit does not require tooling. The kit may be used as a standalone fix for lower mileage units that do not show bore wear in critical valve areas, or may be used in conjunction with additional Sonnax 4R44E/55E, 5R44E/55E solutions.

Baseline Rebuilding Kit

37947-EZ

- 1 Increased Ratio Boost Assembly
- 1 Elevated PR Spring
- 1 Forward Engagement Control Valve with Teflon® Seal
- 1 Forward Engagement O-Ringed End Plug with Spring
- 6 Valve Bore O-Ringed End Plugs
- 1 Lube Orifice Disc
- 4 Torlon Checkballs
- 2 "L" Retaining Pins
- 1 High-Domed EPC Relief Tee Lube/TCC Modification Parts & Info
- Extra O-Rings

Note: Prior to installing this kit, it is highly recommended to inspect the valve body for wear beyond the scope of this kit. In the event of excessive wear in critical locations, this kit should be used in conjunction with the appropriate Sonnax valve kit. Inspection and testing procedures can be found on pages 106-109 of Sonnax Transmission Specialties™ Volume 6.



Sonnax Part Summary

This kit is a combination of service items used to improve valve control and reduce oil loss in either the 4R44E/55E or 5R44E/55E. None of the items included in this kit requires reaming, although some of the repairs point to and suggest sleeves be installed when worn beyond the scope of this kit. This kit elevates line pressure to overcome some of the internal oil loss, has a quicker EPC rise for firmer shifts, addresses leaks in the solenoid circuit, improves intermediate servo and direct clutch pressure, and improves TCC apply.

