**Symptoms/Part Type** | **Product Name** | **Part No.** | **Details** | **Tooling**
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**TCC/Lockup Symptoms**
- No lockup, Delayed engagement, Codes 731 to 741, Overheating, Poor line pressure, Fluid loss,
  Low line pressure, Fluid loss, Slow shifts, Low line pressure
  - Oversized Solenoid & Converter Feed Limit Valve Kit
    - F-56847J-TLE61
- Code P0741, Excess TCC slip, Reduced engagement, Low line pressure
  - Oversized TCC Control Valve Kit
    - F-56847J-TLE2
- Engine stall, No TCC release, TCC cycling
  - TCC Control Valve Spring
    - F-56847J-S3
- Slip codes, High TCC slip RPM at increasing load, Overheated fluid
  - TCC Modulator Plunger Valve Kit
    - ZIP Increased ratio
- Damaged valve body casting, Slip codes, High TCC slip RPM at increasing load
  - TCC Modulator Plunger Valve Kit
    - ZIP OE ratio
- Code P0741, Excess TCC slip, Code 1783, High line pressure, Overheated transmission
  - TCC Modulator Valve Kit
    - F-56847J-TL15

**Pressure Problems**
- No Reverse, Reverse slip, Low Reverse boost, Delayed engagement, Soft shifts, Low line rise
  - Boost Valve Kit
    - F-56847J-SK
- Flare shifts, Pressure control out-of-range codes, Low line pressure
  - Oversized VFS Modulator Control Valve Kit
    - F-56847J-19K
- Shift/Engagement Concerns
  - Soft shifts, Poor shift quality, Delayed engagement, Low base line pressure
    - Elevated Pressure Main Pressure Regulator Spring
    - F-56847J-S7
  - Soft & inconsistent shift feel
    - O-Ringed End Plug Kit
    - F-56847J-60K
- Delayed engagement, Soft shifts, Low line rise, Erratic buzz, High line pressure in Reverse
  - Pressure Regulator Sleeve Kit
    - F-56847J-09K
  - Pressure Regulator Valve
    - F-56847J-77
- Delayed engagement, No movement until RPM increased, Pump noise, Low line pressure
  - Pump Flow Control Valve Kit
    - F-56847J-13K
- Delayed Reverse, No Reverse, Slipping gears, Direct clutch burned
  - Reverse Engagement Valve Kit
    - F-56847J-29K
- Delayed Reverse, No 4th, No 5th, Direct clutch burned
  - Oversized Reverse Modulator Valve Kit
    - F-56847J-23K

**Component Damage/Failure**
- Repeat front seal leakage, Wear pump bushing, Wear converter hub
  - Bell Housing/Pump Cover Bushing
    - F-56801X

**High Performance/Heavy Duty Upgrades**
- Classic, large-ratio boost valve for crisp, clean shifts without harshness
  - Line Pressure Booster Kit
    - F-5R55WS-LB1

**Tools**
- Vacuum Test Plate Kit
  - F-56847J-VTP