## Toyota/Lexus A760E/F/H, A761E, A960E/F, AB

**Symptoms/Part Type** | **Product Name** | **Part No.** | **Details** | **Tooling**
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### Multiple Symptoms
- **The first step in correcting common shift problems**
  - Zip Kit®
    - A760E-A761E-ZIP

<table>
<thead>
<tr>
<th><strong>TCC/Lockup Symptoms</strong></th>
<th><strong>Product Name</strong></th>
<th><strong>Part No.</strong></th>
<th><strong>Details</strong></th>
<th><strong>Tooling</strong></th>
</tr>
</thead>
</table>
- Harsh downshifts, TCC apply & release concerns, TCC codes, Cycling TCC RPM, Overheated fluid
  - Lockup Control Plunger Valve Kit
    - 147741-37K
    - A761E, A960E/F only
    - ZIP A760E/F, A960E/F Only
- TCC apply & release concerns, Harsh downshifts, RPM fluctuation, TCC codes
  - Oversized Lockup Control Valve Kit
    - 147741-16K
    - A761E, A960E/F only
    - F-147741-TL16*<br>F-157740-TL16*
- TCC apply & release concerns, TCC apply codes, Burnt converter, Shudder, Overheating
  - Oversized Lockup Relay Valve Kit
    - 147741-07K
    - F-147741-TL7**
- Harsh lockup, TCC apply & release concerns, Burnt converter, Lubri failures
  - Oversized Secondary Pressure Regulator Valve Kit
    - 147741-10K
    - F-147741-TL4**

<table>
<thead>
<tr>
<th><strong>Pressure Problems</strong></th>
<th><strong>Product Name</strong></th>
<th><strong>Part No.</strong></th>
<th><strong>Details</strong></th>
<th><strong>Tooling</strong></th>
</tr>
</thead>
</table>
- Clutch failure, Soft shifts, Harsh shifts, High line pressure in Reverse, High line pressure
  - Boost Valve Kit
    - 147741-01K
    - ZIP
- Clutch failure, Soft shifts, Harsh shifts, Low line pressure, High line pressure, Overheating
  - Oversized Main Pressure Regulator & Boost Valve Kit
    - 147741-04K
    - F-147741-TL4**
- Various concerns depending on location of leaking end plug, Pressure loss
  - 0-Ringed End Plug Kit
    - 147741-30K
    - ZIP Includes 14 end plugs

<table>
<thead>
<tr>
<th><strong>Shift/Engagement Concerns</strong></th>
<th><strong>Product Name</strong></th>
<th><strong>Part No.</strong></th>
<th><strong>Details</strong></th>
<th><strong>Tooling</strong></th>
</tr>
</thead>
</table>
- Harsh shifts, Shift codes, Shift concerns
  - Accumulator Control Plunger Valve Kit
    - 147741-43K
    - ZIP
- Oversized Accumulator Control Valve Kit
  - 147741-24K
  - 147741-TL24
- Delayed engagement, Fares shifts, Forward slip, Burnt clutches
  - Accumulator Piston Kit
    - 57917E-19K
  - F-147741-TL38**
- Burnt clutches, Harsh shifts, Flare shifts, Shift concerns
  - Oversized Brake Control Valve Kit
    - 147741-28K
    - F-147741-TL28**
  - F-147741-TL14**
  - Oversized Solenoid Modulator Valve Kit
    - 147741-05K
    - F-147741-TLS**
  - Gear ratio codes, Flare shifts, Solenoid performance codes
  - Oversized Clutch Control Valve Kit
    - 147741-14K
  - *VB-IX Required
  - Solenoid performance codes, Bang shifts, TCC cycling, Shift concerns, Blend-up, TCC slip

<table>
<thead>
<tr>
<th><strong>High Performance/Heavy Duty Upgrades</strong></th>
<th><strong>Product Name</strong></th>
<th><strong>Part No.</strong></th>
<th><strong>Details</strong></th>
<th><strong>Tooling</strong></th>
</tr>
</thead>
</table>
- Classic, large-ratio boost valve for crisp, clean shifts without harshness
  - Line Pressure Booster Kit
    - A750-L81

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* VB-IX Required

† No longer in production. Check with your distributor for availability.