## Toyota/Lexus U660E/F, U760E/F



Click on part numbers for product details or visit www.sonnax.com to see all products for the unit(s) shown here.

| Symptoms/Part Type  | Product Name  | Part No.     | Details ZiP Drop-In Zip Valve™ Parts  | Tooling      |
|---|---|--------------|---------------------------------------|--------------|
| Multiple Symptoms   |   |              |                                       |              |
| The first step in correcting common   | Zip Kit®  | U660E-ZIP    | <b>Z</b> IP U660E, U660F only         |              |
| shift problems  | Zip Kit®  | U760E-ZIP    | <b>Z†P</b> U760E, U760F only          |              |
| TCC/Lockup Symptoms   |   |              |                                       |              |
| Overheating, Repeated converter failure,<br>TCC slip, TCC slip codes                                | Oversized Converter &<br>Lube Relief Check Valve Kit              | 1 47740-60K  |                                       | 47740-TL60   |
| TCC apply & release concerns, TCC slip codes,<br>Burnt converter, Overheated fluid                  | Lockup Control Boost Valve Kit                                    | 2 47740-06K  | Z†P                                   |              |
| TCC slip codes, TCC apply & release concerns,   | Oversized Lockup Control Valve Kit                                | 3 47740-30K  | U660E, U660F only                     | F-47740-TL30 |
| RPM fluctuation, Harsh downshifts   | Oversized Lockup Control Valve Kit                                | 3 47740-31K  | U760E, U760F only                     | F-47740-TL30 |
| TCC codes, TCC apply & release concerns,<br>TCC shudder, Lube failures, Bearing failure             | Oversized Secondary Pressure<br>Regulator Valve Kit               | 4 47740-26K  |                                       | F-47740-TL26 |
| Pressure Problems   |   |              |                                       |              |
| Erratic shifts, Soft shifts, Low line pressure,<br>Low line rise, Clutch slippage, Burnt clutches   | Oversized Primary Pressure Regulator<br>& Reverse Boost Valve Kit | 5 47740-02K  | Replaces either OE ratio              | F-47740-TL2* |
| Delayed Reverse, Low line rise in Reverse,<br>B2 Clutches burned                                    | Reverse Boost Valve Kit   | 6 47740-17K  | <b>Z†P</b> U660E, U660F only          |              |
| Delayed Reverse, Low line rise in Reverse,<br>B2 Clutches burned, UD/B3 Clutches burned             | Reverse Boost Valve Kit   | 6 47740-38K  | <b>Z</b> † <b>P</b> U760E, U760F only |              |
| Shift/Engagement Concerns   |   |              |                                       |              |
| 2nd & 6th Gear shift concerns,<br>B1 Clutches burned  | B1 Apply Boost Valve Kit  | 7 47740-19K  | <b>Z†P</b> U660E, U660F only          |              |
| 1-2 Flare, 5-6 Flare, B1 Clutches burned,<br>Gear ratio codes, No Manual 1st, 2nd Slip,<br>6th Slip | B1 Apply Boost Valve Kit  | 7 47740-40K  | Z1P U760E, U760F only                 |              |
| 2nd & 6th Gear shift concerns,<br>B1 Clutches burned  | Oversized B1 Apply Control Valve Kit                              | 8 47740-57K  | U660E, U660F only                     | F-47740-TL57 |
| 1-2 Long slide, B1 Clutches burned,<br>Clutch failure, Low line pressure                            | Oversized B1 Apply Control Valve Kit                              | 8 47740-44K  | U760E, U760F only                     | F-47740-TL44 |
| Burnt clutches, Flare shifts, Harsh shifts,<br>Delayed Reverse with harsh engagement                | B1, B2, B3, C2 Accumulator Piston Kit                             | 9 47740-11K  | Z‡P Fits any of four locations        |              |
| B2 Clutches burned, Delayed Reverse,<br>No Reverse, Reverse slip                                    | Oversized B2 Apply Control Valve Kit                              | 10 47740-27K |                                       | F-47740-TL27 |
| Delayed Reverse, Harsh Reverse, Double<br>bump Reverse engagement, No Manual 1st                    | Oversized B2 Control Valve Kit                                    | 11 47740-35K |                                       | F-47740-TL35 |
| Delayed Forward, Forward slip, Flare shifts<br>C1 Clutch burned, Harsh Forward                      | C1 Accumulator Piston Kit   | 12 47740-12K | Z†P                                   |              |
| 3-4 Flare, C2 Clutch burned, 4-5-6 Slip   | Oversized C2 Apply Control Valve Kit                              | 13 47740-63K |                                       | F-47740-TL63 |
| 4-5 Harsh, 4-5 Flare, Delayed Neutral to Drive,<br>Delayed Reverse                                  | Oversized Clutch Control Valve Kit                                | 14 47740-22K |                                       | F-47740-TL22 |
| Shift concerns, Lockup concerns,<br>Burnt clutches  | O-Ringed End Plug Kit   | 15 47740-21K | ZiP Includes 7 end plugs              |              |
|   | Solenoid Modulator Valve Kit                                      | 16 47740-41K | <b>ZiP</b> U660E, U660F only          |              |
| Shift concerns, Solenoid performance codes,   | Solenoid Modulator Valve Kit                                      | 16 47740-42K | <b>ZiP</b> U760E, U760F only          |              |
| TCC apply & release concerns  | Oversized Solenoid Modulator Valve Kit                            | 17 47740-24K | U660E, U660F only                     | F-47740-TL24 |
|   | Oversized Solenoid Modulator Valve Kit                            | 17 47740-25K | U760E, U760F only                     | F-47740-TL24 |
| Tools   |   |              |                                       |              |

<sup>\*</sup> VB-FIX Required

| 9 12 2                                | U660E Upper<br>Valve Body  | 6 Small End Plugs<br>1 Large End Plug |
|---------------------------------------|--|---------------------------------------|
| U660E Middle Valve Body               | The state of the s | 10                                    |
| See kit components at www.sonnax.com. | 7  | U660E Lower<br>Valve Body             |