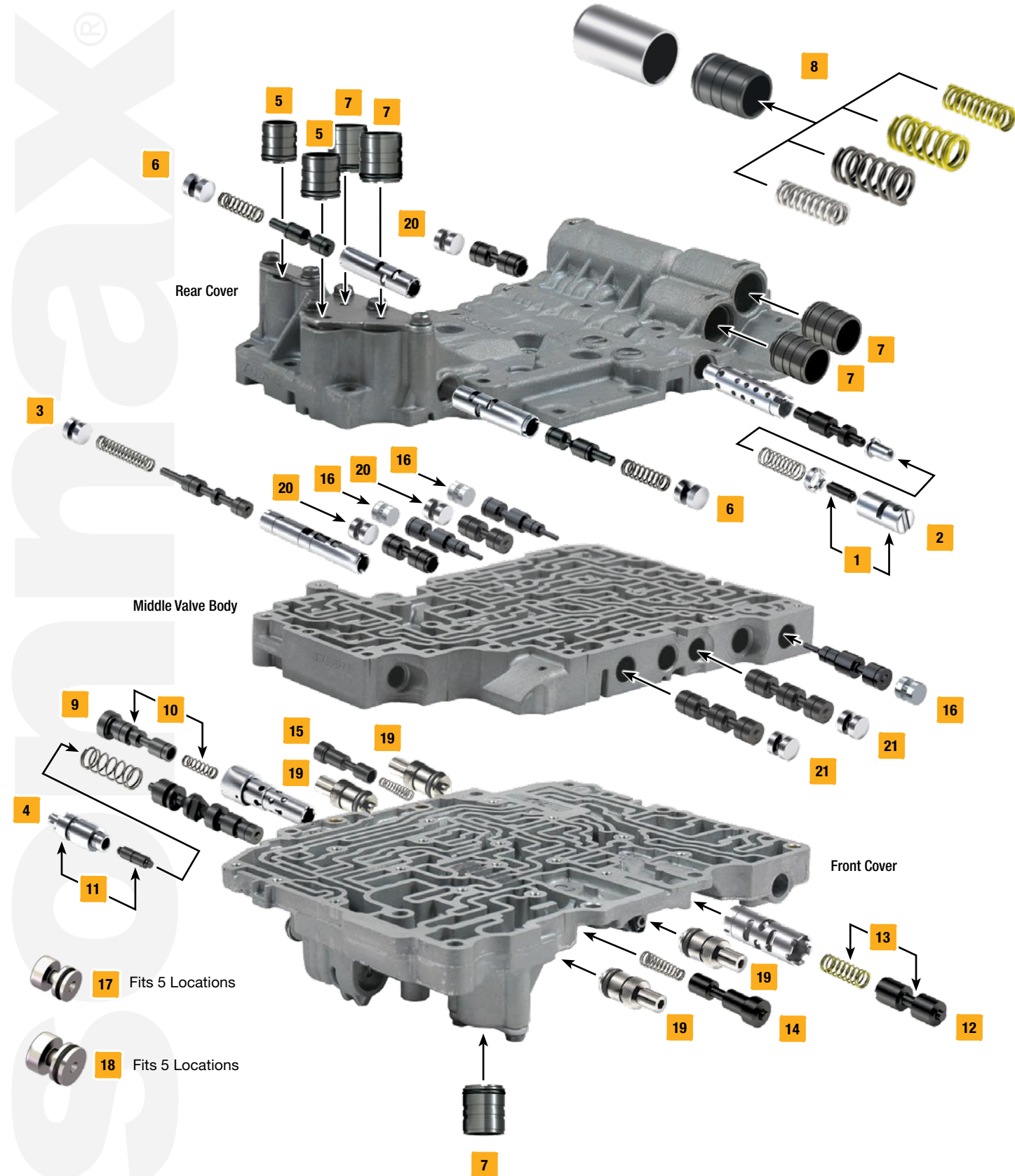


Aisin AW TF-81SC

Some parts also fit AF40-6.

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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 | Tooling |
|--|--|--------------|---|--------------------------------|
| TCC/Lockup Symptoms | | | | |
| TCC codes, TCC apply & release concerns, RPM surge on light acceleration | Lockup Clutch Control Plunger Valve Kit | 1 15741-53K | ZIP | |
| TCC codes, TCC apply & release concerns, RPM surge on light acceleration, Harsh downshifts | Lockup Clutch Control Valve Kit | 2 15741-29K | | F-15741-TL29*, F-15741-TL29PL* |
| TCC codes, TCC slip, TCC surge, Loss of lube oil, Overheated fluid, bushings & converter | Oversized Secondary Pressure Regulator Valve Kit | 3 39741-11K | | F-39741-TL11* |
| Pressure Problems | | | | |
| Erratic line pressure, Low line rise in Drive, Low line rise in Reverse, Bushing failure | Oversized Main Pressure Regulator & Boost Valve Kit | 4 39741-01K | | F-39741-TL* |
| Shift concerns, Shift codes, Low solenoid feed pressure | Solenoid Modulator Accumulator Piston Kit | 5 39741-14K | ZIP Fits either of 2 locations | |
| Code 734, 735, 729, Kickdown slip, Kickdown shock, 4th Slip, 5th Slip, 6th Slip | Oversized Solenoid Modulator Valve Kit | 6 39741-18K | Fits either of 2 locations | F-39741-TL18* |
| Shift/Engagement Concerns | | | | |
| Poor shift quality, Forward slip, Delayed engagement, Burnt clutches | Accumulator Piston Kit | 7 15741-14K | ZIP Fits any of 5 locations | |
| Severe wear at accumulator bores, Low clutch oil pressure, Low TCC pressure | Accumulator Piston Kit | 8 39741-42K | ZIP Fits any of 5 locations, includes selective springs | |
| 1-2 Flare, 2nd Slip, 5-6 Flare, 6th Slip, B1 band burned, Gear ratio & solenoid codes | B1 Band Control Valve Kit | 9 39741-22K | Valve, spring & sleeve | F-39741-TL22* |
| Delayed Reverse, Low line rise in Reverse, B2 Clutches burned, C3 Clutch burned | Oversized B1 Band Control Valve Kit | 10 39741-48K | Valve & spring | F-39741-TL48*‡ |
| Coastdown Neutral, Delayed Forward, Gear ratio & solenoid codes, K1 Clutch burned | Boost Valve Kit | 11 39741-44K | ZIP | |
| C1 Clutch burned, K1 Clutch burned, Coastdown Neutral, Delayed Forward, Erratic shift timing | C1/K1 Clutch Control Valve Kit | 12 15741-25K | Valve, spring & sleeve, includes selective springs | F-15741-TL25* |
| C1 Clutch burned, K1 Clutch burned, Coastdown Neutral, Delayed Forward, Erratic shift timing | Oversized C1/K1 Clutch Control Valve Kit | 13 15741-55K | Valve & spring | F-15741-TL55* |
| 3-4 Flare, 4-5-6 Slip, Erratic shift timing, C2 Clutch burned | Oversized C2 Clutch Control Valve Kit | 14 39741-46K | Valve & spring | F-39741-TL46* |
| 2-3 Shift concerns, 4-5 Concerns, Delayed Reverse, C3 Clutch burned, Slips & flares | Oversized C3 Clutch Control Valve Kit | 15 39741-50K | Valve & spring | F-39741-TL50* |
| Erratic shift timing, Failsafe mode, Harsh shifts, Burnt clutches, Overheated fluid | Oversized Clutch Cutoff Valve Kit | 16 15741-63K | Fits any of 3 locations | F-15741-TL63* |
| Shift concerns associated with circuit pressure loss | O-Ringed End Plug Kit | 17 15741-35K | ZIP 9mm, includes 5 end plugs | |
| | O-Ringed End Plug Kit | 18 15741-36K | ZIP 11mm, includes 5 end plugs | |
| Soft shifts, Flare shifts, Long shifts, Shift quality gets worse as temperature increases | Spring Adjuster Kit | 19 15741-48K | ZIP Fits 4 locations | |
| Gear ratio & solenoid codes, Various shift concerns, No shift | Oversized Two-Spool Relay/Signal Valve Kit | 20 15741-49K | Fits any of 3 locations | F-33741B-TL1* |
| | Oversized Three-Spool Relay/Control/Switch Valve Kit | 21 15741-50K | Fits either of 2 locations | F-33741B-TL1* |

* VB-FIX Required

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