SK[®] KM175/77 Shift Kit[®]

Reduces/Corrects/Prevents

2-3 Cutloose and/or long soft 3rd—-Front clutch burnup [3rd] 3-4 Neutral—-4-2 Kickdown runaway—-Coast Downshift Bang Long slide 1-2 shift—-Long 3-4—No Reverse or No forward Won't fill converter—Low/No cooler flow—Wrong Fluid level.



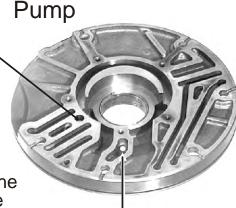
Hello mechanic and Shop Owner

"High quality shops find this kit to be a basic upgrade for a satisfactory, no complaint, major repair. You'll be surprised at how good this trans will work. Also: Shops report that Installing this kit from the bottom without removing the trans, by skipping pages 1 and 2 will often correct complaints in trans's that have already received a major o'haul or are not quite ready for a major o'haul." Thanks for listening, Gil



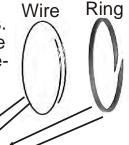
If a 5/16" ball fits this hole, use it. If 5/16" doesn't fit hole, use a 7/32" [.215 to .218]

Reduce leak and seal blowing out: Enlarge the front seal drainback hole with 1/4" drill. It's OK if it drills a little bit of bushing.



Drill .210 to .228

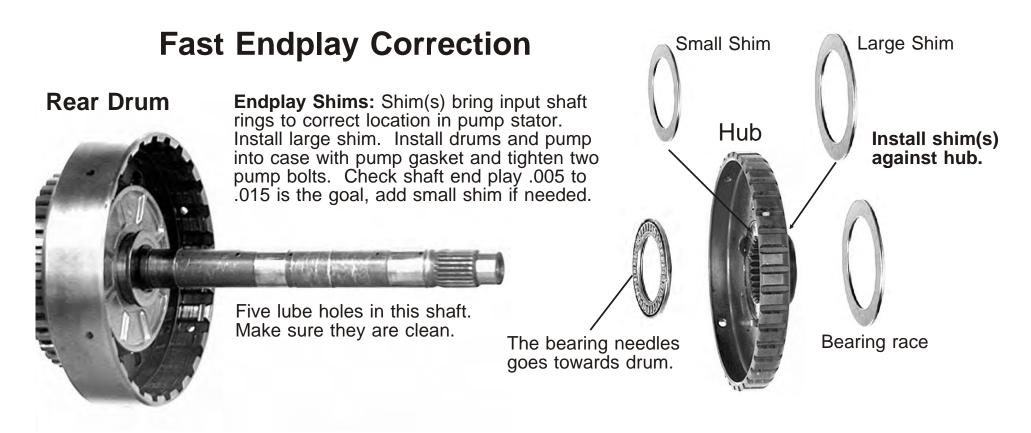
Clean and blow dry the ring grooves. Install BOTH expander wires into the ring grooves. Fill grooves with Vaseline or Jel. Then squeeze rings into the groove and install pump gently. **Don't use Grease.** [Pat Pending]



Pump Cover

Each day your key tech person is working on one that won't ship or is back with a complaint reduces shop volume about \$1000. A good way to make more money is to get it right on the first try.

Page 1

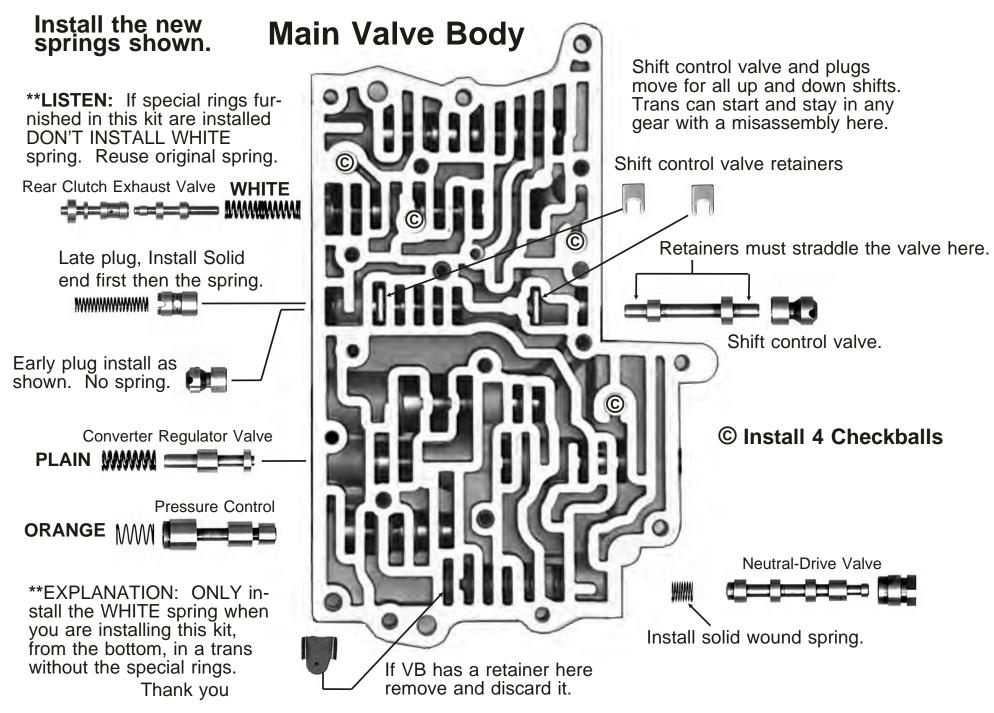


Listen Up: This trans is very sensitive to the type of friction plates installed in front clutch [3rd]. This is **especially important** in the models with only two friction plates in the front clutch [3rd]. **Also:** By hand, sand the glaze off the front clutch [3rd] steel plates.

Front Drum [3rd]

Front drum endplay is not fussy but must turn free with the pump bolts tight.

Your attention and these upgrades will make this trans work way better than new. A wonderful way to get more money is to deliver more VALUE. And that's what you're doing. So charge more.



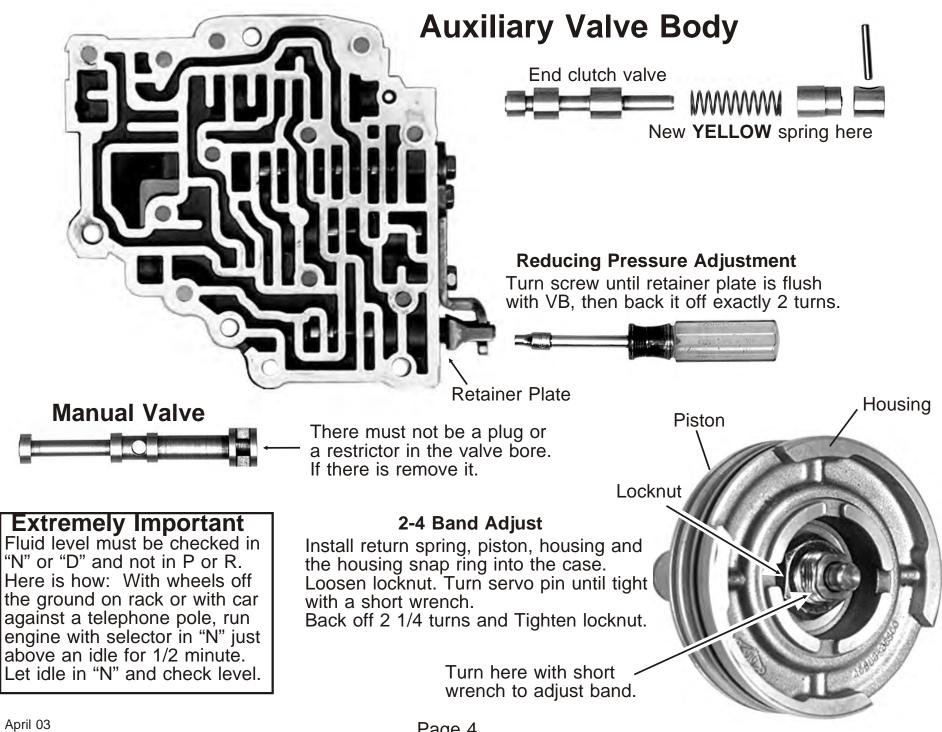
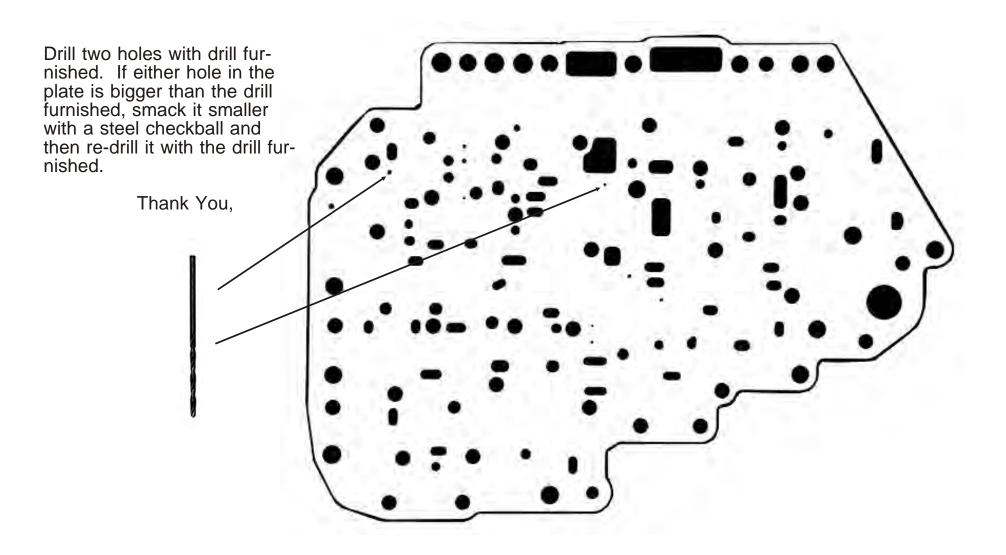


Plate Holes Sizes



To Reduce Rework Over tightening VB, AUX VB or filter bolts WILL STICK VALVES: 50" lbs with 8MM socket and 80" lbs with 10mm. Disassemble AUX VB, clean and check valves for sticking. M End clutch valve MMM **Converter Clutch Control Valve Reverse Valve** Auxiliary Valve Body **Reducing Valve Cover Plate Stuck Valve Complaints** End clutch valve: 3-4 netrual. **Converter clutch control valve:** Car won't move, No lube flow, Kills engine, has Drainback. **Reverse valve:** Delayed reverse or no reverse. **Reducing valve:** Rough shifts or band and front clutch burnup. **WARNING**: Original filters use two long bolts and two short bolts. Some replacement filters may require four short bolts. If long bolts are used with these filters the Short bolts will bottom out in the casting and stick valves. Long REDUCE FRONT SEAL LEAK or BLOWS OUT. Don't forget to enlarge front seal drainback hole.

Page 6

15 April 03

© TransGo 1998