A4LD-A Junior - Shift Kit[®] SK[®] A4LD[™] System Upgrade

Reduces/Prevents/Corrects:

Direct clutch failure -- Delayed lockup release, chugs engine --Soft 1-2 -- Cutloose 2-3 -- Delay or Bang reverse--Lockup too soft Late shifts at light throttle -- No 4th -- 1-3 upshift at light throttle



No wire clip

turn in one direction by hand. Loosen adjustment until shaft will just turn by hand. Then loosen exactly 3/4 turn more and tighten lock nut.

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A4LD Tips

IMPORTANT: A very different Kickdown cable adjustment is needed before road test.

A. Follow cable from trans to adjuster. It looks same as GM type, but may be turned sideways.

B. Depress tab and push cable housing into adjuster 1/2 "

C. Road test: You must not have a 2-1 or 3-1 KD at 20 MPH.

D. Then pull the cable housing out of adjuster about 1/8" at a time until there is a 2-1 or 3-1 kickdown at 20 MPH.

E. If KD is too hard to get pull cable out of adjuster another click or two.



COMPLAINTS: Won't move in D4 OK in D3—Bindup during manual 3-4. CAUSE: Sprag backwards

Lockup chugging down to low speed:

This kit corrects several causes of chugging, but will not correct chugging caused by worn out solenoid. How to fix it: If chugging occurs to low speed, disconnect wires to trans. If chugging still occurs replace solenoid with a NEW 2nd design solenoid E5TZ-7F037-A. Installing another used 1st design solenoid may not fix it.

Solenoid 1st design: One hole



Direct clutch piston seals

Direct Drum Rubber Must Fit Correctly.

Some shops install C4 (square type piston seals) or C5 (lip type seals) in the stamped sheet metal drums for better fit.

Some later cast drums have bigger piston bore diameter, piston, and seal. Pay attention when choosing new seal from gasket kit. Do Not stretch the small seal over the big piston. It might pass air check on bench but won't work in car.

Complaint: No lockup, late shifts overly sensitive 3-2 tip - in down shifts, Even with good VB and gov. **Cause:** Center support bolt loose.

Complaint: Feels like 2nd gear starts in D4 position, OK in D3. **Cause:** OD solenoid stuck on. 2nd design is better than 1st design **Replace IT.**

Complaint: Slow or no converter fill, won't pick up oil, very late or no upshift, may not move or stops moving. High line pressure. **Cause:** C3 Modulator installed.

Modulator pin is just under 1-3/8" Spring tension = 8lb to 8lb 4oz.

Modulator identification



#E5TZ-7A377-C

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