

Transmission Type... 722.6



Clutch Clearances

Adjusted By:

Clutch K1		
3 Friction .....	.020-.071	Snap Ring
4 Friction .....	.020-.071	Snap Ring
5 Friction .....	.020-.075	Snap Ring
6 Friction .....	.020-.079	Snap Ring
Clutch K2		
3 Friction .....	.028-.067	Snap Ring
4 Friction .....	.028-.067	Snap Ring
5 Friction .....	.028-.071	Snap Ring
6 Friction .....	.028-.071	Snap Ring
Clutch K3		
3 Friction .....	.028-.075	Snap Ring
4 Friction .....	.028-.075	Snap Ring
5 Friction .....	.028-.079	Snap Ring
Clutch B1		
2 Friction .....	.020-.067	Snap Ring
3 Friction .....	.020-.067	Snap Ring
4 Friction .....	.020-.071	Snap Ring
Clutch B2		
4 Friction .....	.008-.051	Snap Ring
5 Friction .....	.008-.055	Snap Ring
Clutch B3		
All .....	.039-.055	Snap Ring

Torque Specifications

Pump To Converter Housing	15 Ft. Lbs.
Valve Body to Case	6 Ft. Lbs.
Valve Body	6 Ft. Lbs.
Pan	6 Ft. Lbs.
B1 Brake to Converter Housing	6 Ft. Lbs.
Main Case to Converter Housing	15 Ft. Lbs.
Output Flange to Output Shaft Nut	148 Ft. Lbs.

Unit Endplays

Location

Selective

Rear Deep Grove Bearing to Park Gear .012-.020	Between Park Gear and Bearing	Shim
Center and Rear Gear Set .008-.024	Between K3 Rear Thrust Bearing and Snap Ring	Shim

Transmission Type... 722.6



Clutch Application Chart

Gear	Gear Ratio W5A 580	Gear Ratio W5A 330	B1	B2	B3	K1	K2	K3	F1	F2
1	3.59	3.93	Applied***	Applied				Applied***	Applied	Applied
2	2.19	2.41		Applied		Applied		Applied***		Applied
3	1.41	1.49		Applied		Applied	Applied			
4	1.0	1.0				Applied	Applied	Applied		
5	0.83	0.83	Applied				Applied	Applied	Applied***	
N			Applied					Applied		
R*	-3.16	-3.10	Applied***		Applied			Applied	Applied	
R**	-1.93	-1.90			Applied	Applied		Applied		

*Program selector switch in position S

**Program selector switch in position W

***Shift elements are only required on the overrun (Engine Braking)



Solenoid Application Chart

Gear Shifts	1-2/4-5 *	2-3	3-4 **	MOD PC ***	Shift PC****
1ST	OFF	OFF	OFF	PWM	OFF
SHIFT	ON	OFF	OFF	PWM	PWM
2ND	OFF	OFF	OFF	PWM	OFF
SHIFT	OFF	ON	OFF	PWM	PWM
3RD	OFF	OFF	OFF	PWM	OFF
SHIFT	OFF	OFF	ON	PWM	PWM
4TH	OFF	OFF	OFF	PWM	OFF
SHIFT	ON	OFF	OFF	PWM	PWM
5TH	OFF	OFF	OFF	PWM	OFF

* 1-/4-5 Solenoid is pulsed during ignition crank

** 3-4 shift solenoid is pulsed continuously while in Park and during selector lever movement (Garage Shifts)

*** a) It is pulsed constantly while idling in Park or Neutral at approximately 40% Duty Cycle.

b) Voltage observed varied with throttle opening as well as during selector lever movement.

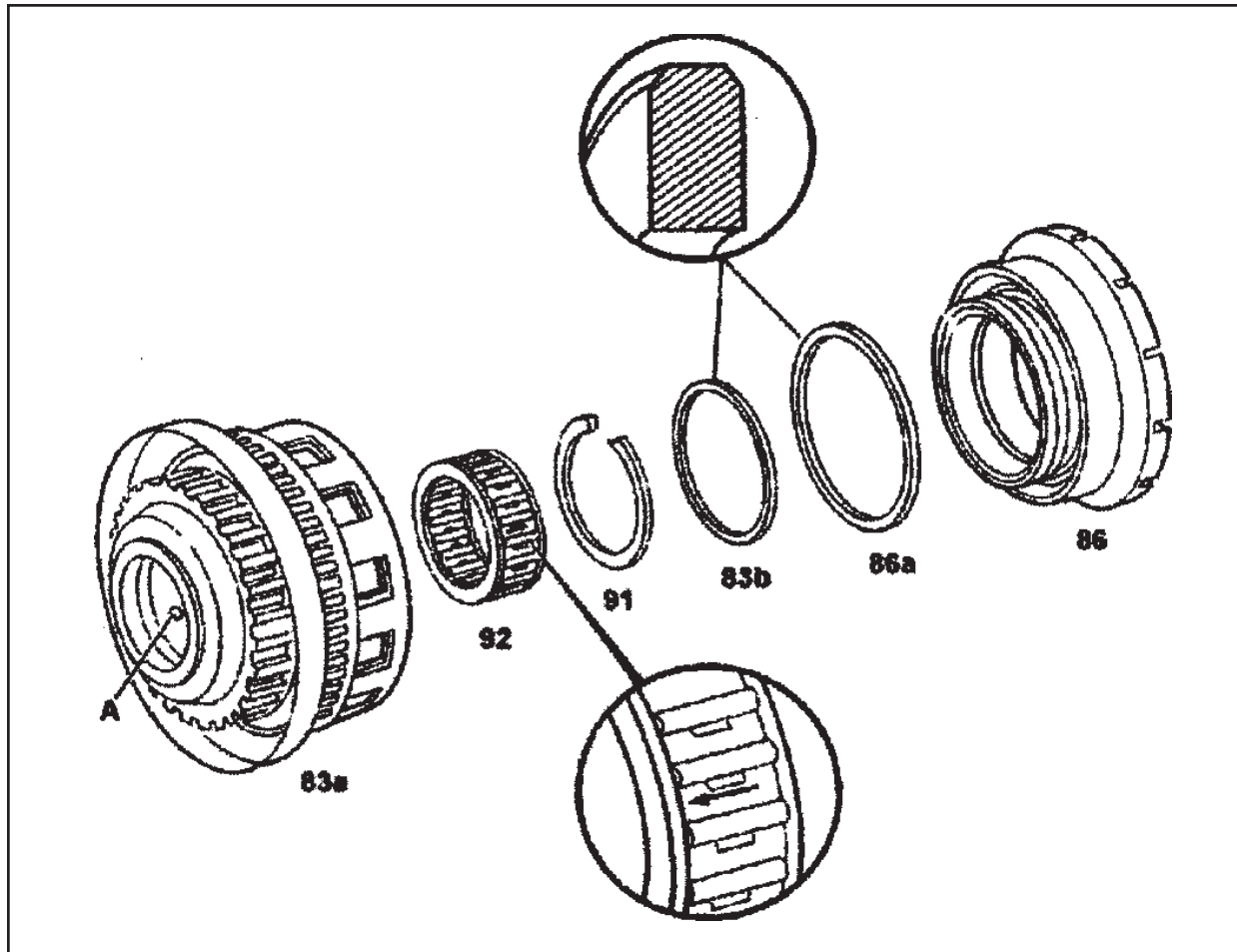
**** a) It is pulsed constantly while idling in Park or Neutral at approximately 33% Duty Cycle.

b) Voltage observed varied with throttle opening during each gear shift only.

The TCC solenoid not listed here is also Pulse Width Modulated and Duty Cycles to apply the converter clutch.

Transmission Type... 722.6

Front Sprag

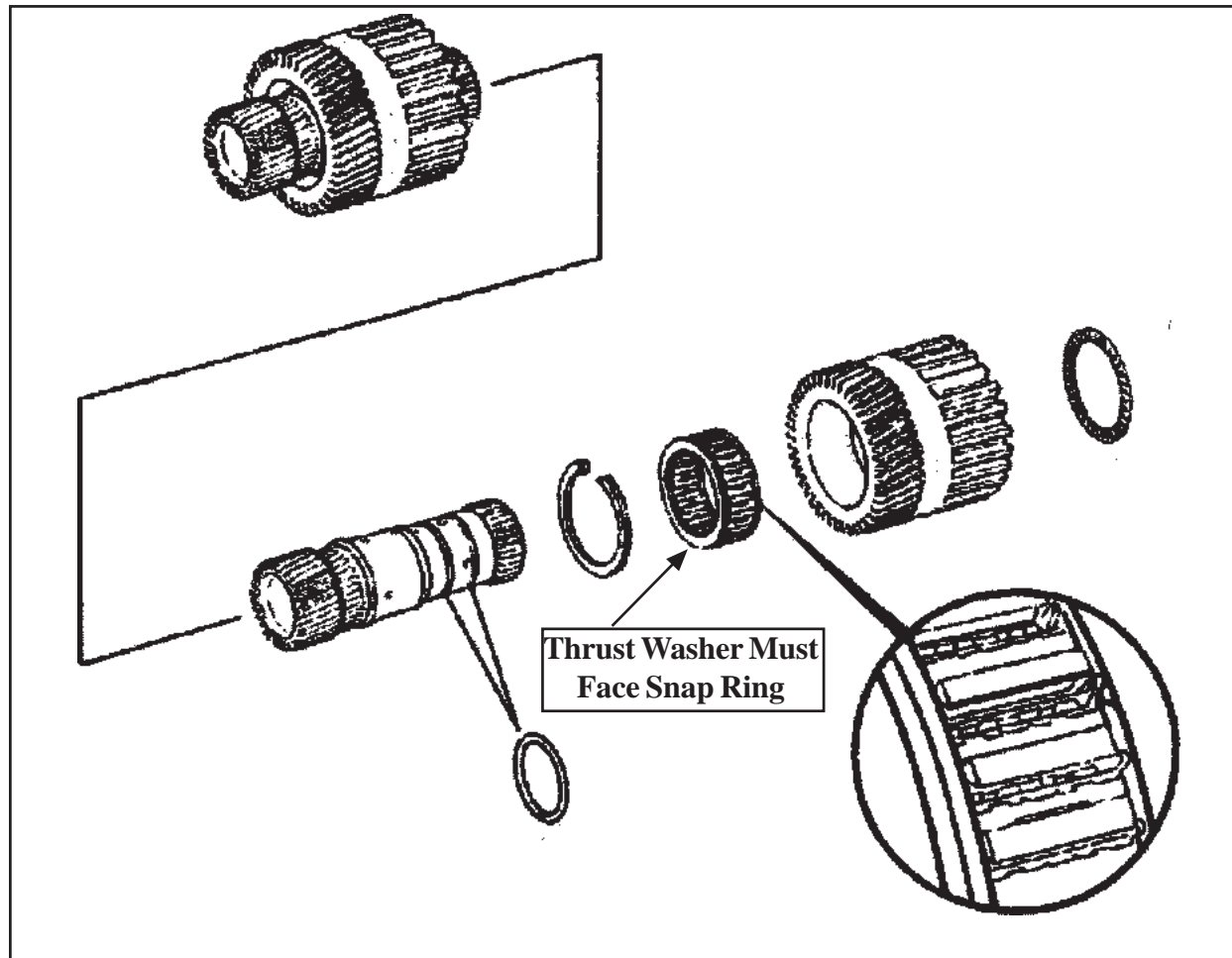


Arrow Must Face K1 Clutch Drum

Transmission Type... 722.6



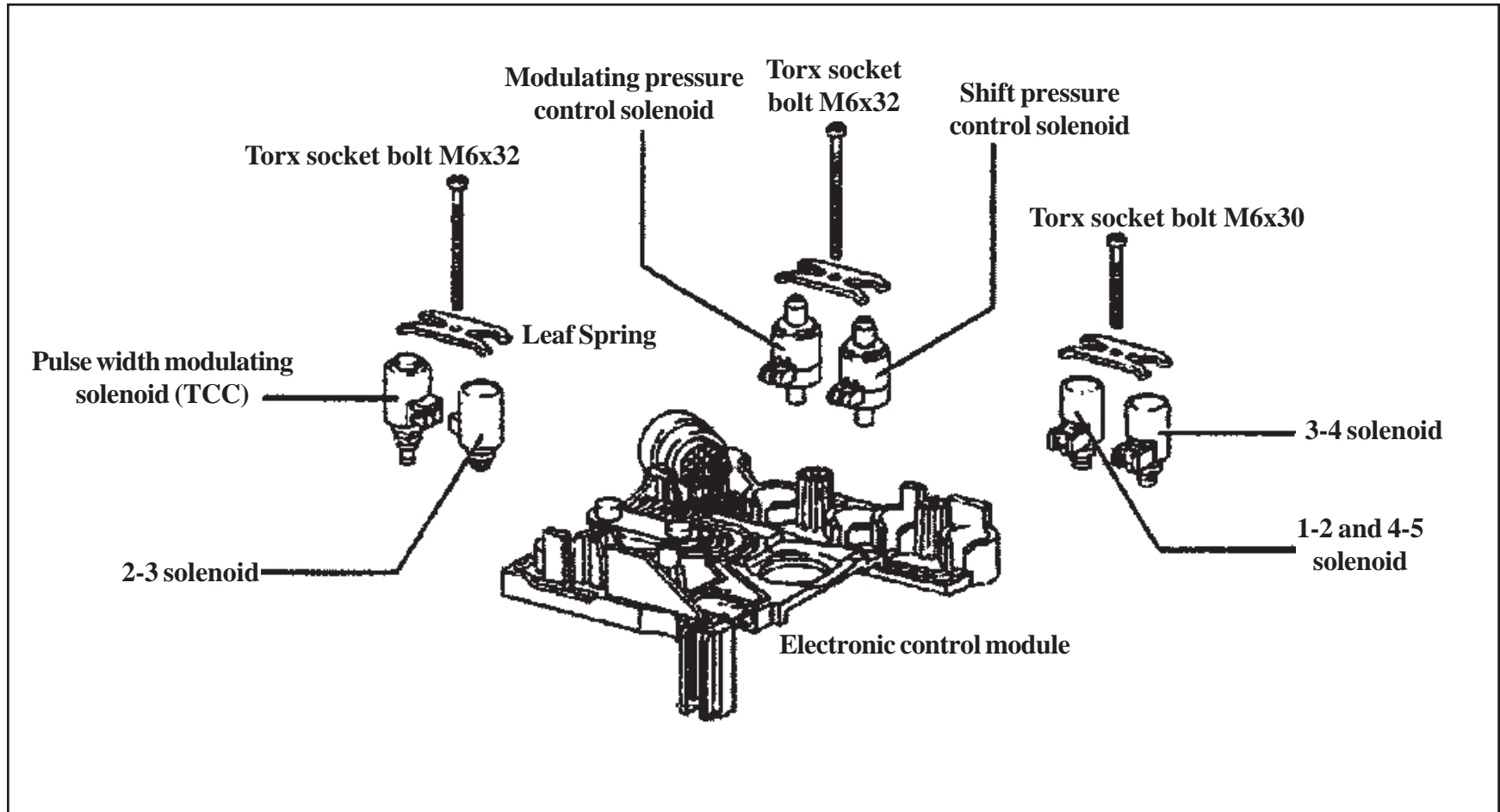
Rear Sprag



Transmission Type... 722.6

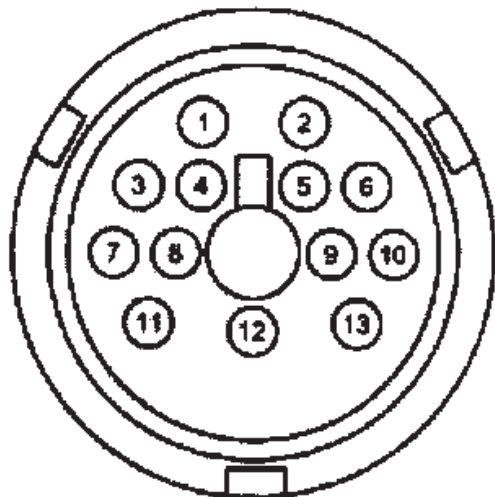


Solenoid Id



Transmission Type... 722.6

Solenoid & Harness Information (Continued)



Solenoids	Case Connector Pin Number		Resistance
	-	+	
Modulating Pressure Control Solenoid	6	2	4-8 Ohms
Shift Pressure Control Solenoid	6	10	4-8 Ohms
1-2 and 4-5 Shift Solenoid	6	13	2.5-6.5 Ohms
3-4 Shift Solenoid	6	9	2.5-6.5 Ohms
2-3 Shift Solenoid	6	8	2.5-6.5 Ohms
TCC PWM Solenoid	6	11	2-4 Ohms

Transmission Type... 722.6



Check Ball Locations

