

# Transmission Type...AW-4



## Clutch Clearances

Forward Clutch* .....	.146-.180"	.....	Pressure Plate
2nd/Intermediate Clutch .....	.024-.078"	.....	Not Adjust.
Direct Clutch* .....	.053-.064"	.....	Pressure Plate
Low/Reverse Clutch .....	.027-.078"	.....	Pressure Plate
Overrun Clutch* .....	.052-.069"	.....	Pressure Plate
Overdrive Clutch* .....	.072-.084"	.....	Pressure Plate

\*Piston Stroke

## Adjusted By:

## Torque Specifications

Pump Halves .....	65 In. Lbs.
Pump To Case .....	16 Ft. Lbs.
Valve Body Halves .....	48 In. Lbs.
Valve Body To Case .....	84 In. Lbs.
<b>Chain Cover To Case</b>	
Pan .....	65 In. Lbs.
<b>Center Support</b>	
Extension Housing .....	25 Ft. Lbs.
<b>Driven Sprocket Support</b>	
Overdrive Support .....	19 Ft. Lbs.
<b>Chain Cover</b>	
<b>Transfer Gears</b>	
<b>Governor Bolts</b>	
Bellhousing To Main Case .....	42 Ft. Lbs.
<b>Idler Nut</b>	
<b>Endcover Bolts</b>	

## Band Adjustment

Manual 2nd Band .....	.187-.250"	.....	Servo Pin
<b>2-4 Band</b>			
<b>Low/Reverse Band</b>			
<b>Overdrive Band</b>			

## Unit Endplays

## Location

## Selective

**Front Unit**  
**Middle Unit**

Rear Unit .010-.033" .....

Output Shaft .....	Not Adjustable
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(After O/D Support Is Torqued)

**Differential**  
**Chain Sprocket**

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## Rebuilder's Kwik Reference Guide



### Clutch & Band/Solenoid Application Charts

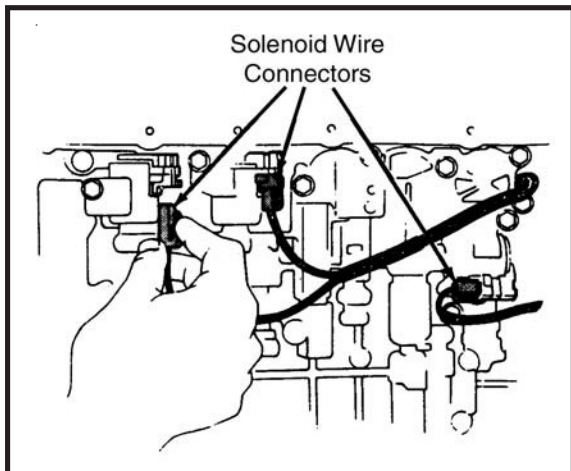
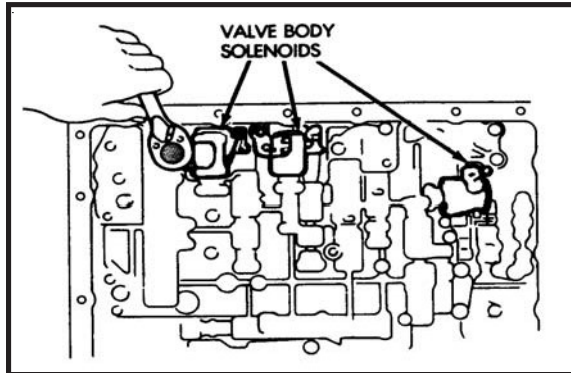
Gear		Overdrive Clutch	Forward Clutch	Direct Clutch	Overdrive Brake	2nd Coast Brake	2nd Brake	Low/Reverse Brake	O/D 1-Way Clutch	#1 1-Way Clutch	#2 1-Way Clutch
Reverse		Applied		Applied				Applied	Applied		
D	1st	Applied	Applied						Applied		Applied
	2nd	Applied	Applied				Applied		Applied	Applied	
	3rd	Applied	Applied	Applied			Applied		Applied		
	O/D		Applied	Applied	Applied		Applied				
3	1st	Applied	Applied						Applied		Applied
	2nd	Applied	Applied			Applied	Applied		Applied	Applied	
	3rd	Applied	Applied	Applied			Applied		Applied		
1-2	1st	Applied	Applied					Applied	Applied		Applied
	2nd	Applied	Applied			Applied	Applied		Applied	Applied	

Solenoid Application Chart			
Gear	Solenoid 1 Output 1 On = Red	Solenoid 2 Output 2 On = Red	Lock-Up Solenoid Output 3 On = Red
1st	On	Off	Off
2nd	On	On	Off
3rd	Off	On	Off
4th	Off	Off	Off
Lock-Up	Off	Off	On

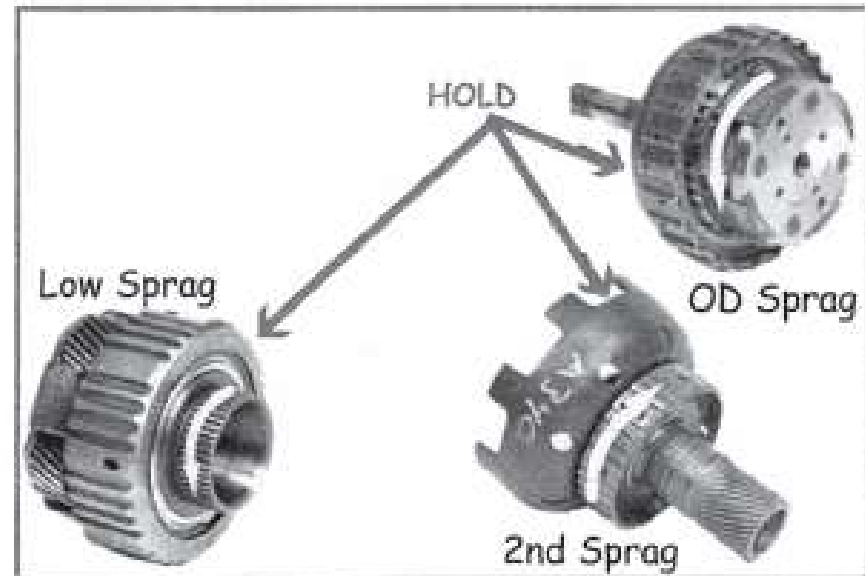
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## Solenoid & Harness Information



## Technical Tips For Rebuilding This Unit

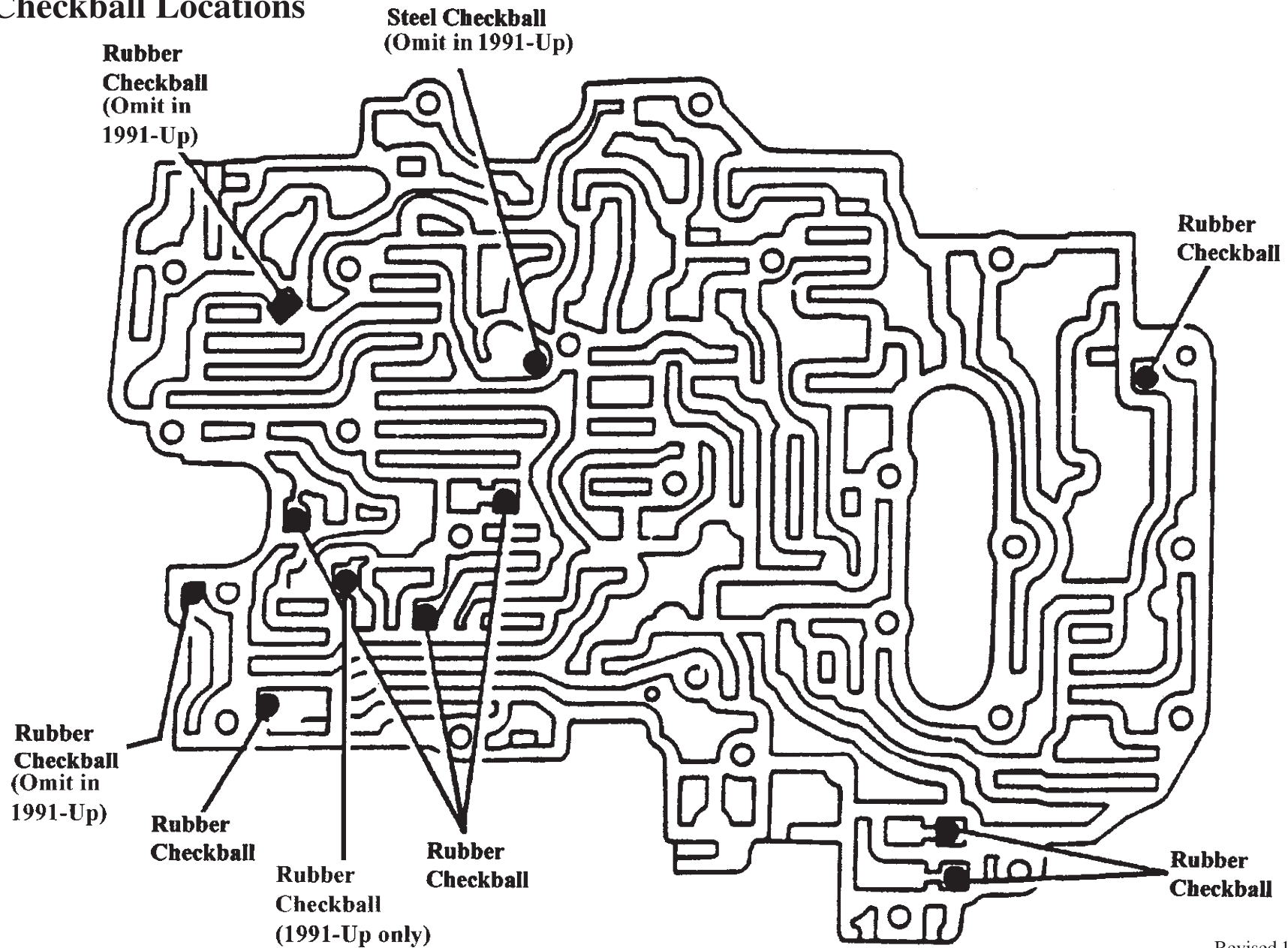


Solenoid	Resistance
Solenoid #1	11 - 15 Ohms
Solenoid #2	11 - 15 Ohms
Lock-Up	11 - 15 Ohms

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## Checkball Locations



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## Lower Body Components

Rebuilder's Kwik  
Reference Guide

