

# 4R70W Clutch & Band Chart

	Forward Clutch	Reverse Clutch	Direct Clutch	Inter-mediate Clutch	Inter-mediate One-way	Low One-way	Low/Rev Band	Over-drive Band
OD 1 <sup>st</sup>								
OD 2 <sup>nd</sup>								
OD 3 <sup>rd</sup>								
OD 4 <sup>th</sup>								
Man. 1 <sup>st</sup>								
Man. 2 <sup>nd</sup>								
Reverse								
Planetary Component	Forward Sun Gear	Reverse Sun Gear	Planetary Carrier	Reverse Sun Gear	Reverse Sun Gear	Planetary Carrier	Planetary Carrier	Reverse Sun Gear

	Forward Clutch	Reverse Clutch	Direct Clutch	Inter-mediate Clutch	Inter-mediate One-way	Low One-way	Low/Rev Band	Over-drive Band
OD 1 <sup>st</sup>	Driving					Holding		
OD 2 <sup>nd</sup>								
OD 3 <sup>rd</sup>								
OD 4 <sup>th</sup>								
Man. 1 <sup>st</sup>								
Man. 2 <sup>nd</sup>								
Reverse								
Planetary Component	Forward Sun Gear	Reverse Sun Gear	Planetary Carrier	Reverse Sun Gear	Reverse Sun Gear	Planetary Carrier	Planetary Carrier	Reverse Sun Gear

	Forward Clutch	Reverse Clutch	Direct Clutch	Inter-mediate Clutch	Inter-mediate One-way	Low One-way	Low/Rev Band	Over-drive Band
OD 1 <sup>st</sup>	Driving					Holding		
OD 2 <sup>nd</sup>	Driving			Holding	Holding			
OD 3 <sup>rd</sup>								
OD 4 <sup>th</sup>								
Man. 1 <sup>st</sup>								
Man. 2 <sup>nd</sup>								
Reverse								
Planetary Component	Forward Sun Gear	Reverse Sun Gear	Planetary Carrier	Reverse Sun Gear	Reverse Sun Gear	Planetary Carrier	Planetary Carrier	Reverse Sun Gear

	Forward Clutch	Reverse Clutch	Direct Clutch	Inter-mediate Clutch	Inter-mediate One-way	Low One-way	Low/Rev Band	Over-drive Band
OD 1 <sup>st</sup>	Driving					Holding		
OD 2 <sup>nd</sup>	Driving			Holding	Holding			
OD 3 <sup>rd</sup>	<b>Driving</b>		<b>Driving</b>					
OD 4 <sup>th</sup>								
Man. 1 <sup>st</sup>								
Man. 2 <sup>nd</sup>								
Reverse								
Planetary Component	Forward Sun Gear	Reverse Sun Gear	Planetary Carrier	Reverse Sun Gear	Reverse Sun Gear	Planetary Carrier	Planetary Carrier	Reverse Sun Gear

	Forward Clutch	Reverse Clutch	Direct Clutch	Inter-mediate Clutch	Inter-mediate One-way	Low One-way	Low/Rev Band	Over-drive Band
OD 1 <sup>st</sup>	Driving					Holding		
OD 2 <sup>nd</sup>	Driving			Holding	Holding			
OD 3 <sup>rd</sup>	Driving		Driving					
OD 4 <sup>th</sup>			Driving					Holding
Man. 1 <sup>st</sup>								
Man. 2 <sup>nd</sup>								
Reverse								
Planetary Component	Forward Sun Gear	Reverse Sun Gear	Planetary Carrier	Reverse Sun Gear	Reverse Sun Gear	Planetary Carrier	Planetary Carrier	Reverse Sun Gear

	Forward Clutch	Reverse Clutch	Direct Clutch	Inter-mediate Clutch	Inter-mediate One-way	Low One-way	Low/Rev Band	Over-drive Band
OD 1 <sup>st</sup>	Driving					Holding		
OD 2 <sup>nd</sup>	Driving			Holding	Holding			
OD 3 <sup>rd</sup>	Driving		Driving					
OD 4 <sup>th</sup>			Driving					Holding
Man. 1 <sup>st</sup>	<b>Driving</b>					<b>Holding Drive</b>	<b>Holding Coast</b>	
Man. 2 <sup>nd</sup>								
Reverse								
Planetary Component	Forward Sun Gear	Reverse Sun Gear	Planetary Carrier	Reverse Sun Gear	Reverse Sun Gear	Planetary Carrier	Planetary Carrier	Reverse Sun Gear

	Forward Clutch	Reverse Clutch	Direct Clutch	Inter-mediate Clutch	Inter-mediate One-way	Low One-way	Low/Rev Band	Over-drive Band
OD 1 <sup>st</sup>	Driving					Holding		
OD 2 <sup>nd</sup>	Driving			Holding	Holding			
OD 3 <sup>rd</sup>	Driving		Driving					
OD 4 <sup>th</sup>			Driving					Holding
Man. 1 <sup>st</sup>	Driving					Holding Drive	Holding Coast	
Man. 2 <sup>nd</sup>	<b>Driving</b>			<b>Holding Drive</b>	<b>Holding Drive</b>			<b>Holding Coast</b>
Reverse								
Planetary Component	Forward Sun Gear	Reverse Sun Gear	Planetary Carrier	Reverse Sun Gear	Reverse Sun Gear	Planetary Carrier	Planetary Carrier	Reverse Sun Gear



	Forward Clutch	Reverse Clutch	Direct Clutch	Inter-mediate Clutch	Inter-mediate One-way	Low One-way	Low/Rev Band	Over-drive Band
OD 1 <sup>st</sup>	Driving					Holding		
OD 2 <sup>nd</sup>	Driving			Holding	Holding			
OD 3 <sup>rd</sup>	Driving		Driving					
OD 4 <sup>th</sup>			Driving					Holding
Man. 1 <sup>st</sup>	Driving					Holding Drive	Holding Coast	
Man. 2 <sup>nd</sup>	Driving			Holding Drive	Holding Drive			Holding Coast
Reverse		Driving					Holding	
Planetary Component	Forward Sun Gear	Reverse Sun Gear	Planetary Carrier	Reverse Sun Gear	Reverse Sun Gear	Planetary Carrier	Planetary Carrier	Reverse Sun Gear