

# Gear Chart of AWD (KYOSHO / GLA)

28T Diff. Gear	Spur Gears						
Internal Ratio	3.5	26	27	28	29	30	31
Pinions	11	8.27	8.59	8.91	9.23	9.55	9.86
	12	7.58	7.88	8.17	8.46	8.75	9.04
	13	7.00	7.27	7.54	7.81	8.08	8.35
	14	6.50	6.75	7.00	7.25	7.50	7.75
	15	6.07	6.30	6.53	6.77	7.00	7.23
	16	5.69	5.91	6.13	6.34		6.78
	17	5.35	5.56	5.76	5.97		6.38
	18	5.06	5.25				
	19	4.79	4.97		5.34		
	21	4.33	4.50				

Remark:

**Top internal ratios: Better starting torque and lower top speed.**

**Low internal ratios: Smooth acceleration, increasing top speed.**

Recommend Ratios	AAA (4 Cells)	Lipo (2S)
<b>DXR 3500KV</b>	4.9 - 5.3	4.3 - 5.3
<b>DXR 7000KV</b>	4.9 - 5.6	7.5 - 8.0

Option Pinions

Kyosho AWD Chart

27T Diff. Gear	Spur Gears					
Internal Ratio	3.375	26	27	28	29	30
Pinions	11		8.28	8.59	8.90	9.20
	12	7.31	7.59	7.88	8.16	8.44
	13	6.75	7.01	7.27	7.53	7.79
	14	6.27	6.51	6.75	6.99	7.23
	15	5.85	6.08	6.30	6.53	6.75
	16	5.48	5.70	5.91	6.12	
	17	5.16	5.36	5.56		
	18	4.88	5.06			
	19	4.62	4.80			
	21	4.18				

26T Diff. Gear	Spur Gears					
Internal Ratio	3.25	26	27	28	29	30
Pinions	11		7.98	8.27	8.57	8.86
	12	7.04	7.31	7.58	7.85	8.13
	13	6.50	6.75	7.00	7.25	7.50
	14	6.04	6.27	6.50	6.73	6.96
	15	5.63	5.85	6.07	6.28	6.50
	16	5.28	5.48	5.69	5.89	
	17	4.97	5.16	5.35		
	18	4.69	4.88			
	19	4.45	4.62			
	21	4.02				

Data is often presented by: -

