



SERPENT 710

Gear Ratio

First Gears	16	16	16	17	17	17	18	18	18
	61	60	59	61	60	59	61	60	59
Second Gears	21	21	21	22	22	22	23	23	23
	57	56	55	57	56	55	57	56	55
First Gear Ratio =	7.148	7.031	6.914	6.728	6.618	6.507	6.354	6.250	6.146
Second Gear Ratio =	5.089	5.000	4.911	4.858	4.773	4.688	4.647	4.565	4.484

Front Tire Diameter

Rear Tire Diameter

	65	64.5	64	63.5	63	62.5	62	61.5	61	60.5	60	59.5	59	58.5	58	57.5	57
65	1.018	1.010	1.002	0.994	0.987	0.979	0.971	0.963	0.955	0.947	0.940	0.932	0.924	0.916	0.908	0.900	0.893
64.5	1.026	1.018	1.010	1.002	0.994	0.986	0.978	0.971	0.963	0.955	0.947	0.939	0.931	0.923	0.915	0.907	0.900
64	1.034	1.026	1.018	1.010	1.002	0.994	0.986	0.978	0.970	0.962	0.954	0.946	0.938	0.930	0.922	0.914	0.907
63.5	1.042	1.034	1.026	1.018	1.010	1.002	0.994	0.986	0.978	0.970	0.962	0.954	0.946	0.938	0.930	0.922	0.914
63	1.050	1.042	1.034	1.026	1.018	1.010	1.002	0.994	0.986	0.977	0.969	0.961	0.953	0.945	0.937	0.929	0.921
62.5	1.059	1.050	1.042	1.034	1.026	1.018	1.010	1.002	0.993	0.985	0.977	0.969	0.961	0.953	0.945	0.936	0.928
62	1.067	1.059	1.051	1.042	1.034	1.026	1.018	1.010	1.001	0.993	0.985	0.977	0.969	0.960	0.952	0.944	0.936
61.5	1.076	1.068	1.059	1.051	1.043	1.034	1.026	1.018	1.010	1.001	0.993	0.985	0.976	0.968	0.960	0.952	0.943
61	1.085	1.076	1.068	1.060	1.051	1.043	1.035	1.026	1.018	1.010	1.001	0.993	0.984	0.976	0.968	0.959	0.951
60.5	1.094	1.085	1.077	1.068	1.060	1.052	1.043	1.035	1.026	1.018	1.009	1.001	0.993	0.984	0.976	0.967	0.959
60	1.103	1.094	1.086	1.077	1.069	1.060	1.052	1.043	1.035	1.026	1.018	1.009	1.001	0.992	0.984	0.975	0.967
59.5	1.112	1.103	1.095	1.086	1.078	1.069	1.061	1.052	1.044	1.035	1.026	1.018	1.009	1.001	0.992	0.984	0.975
59	1.121	1.113	1.104	1.095	1.087	1.078	1.070	1.061	1.052	1.044	1.035	1.026	1.018	1.009	1.001	0.992	0.983
58.5	1.131	1.122	1.114	1.105	1.096	1.087	1.079	1.070	1.061	1.053	1.044	1.035	1.027	1.018	1.009	1.000	0.992
58	1.141	1.132	1.123	1.114	1.106	1.097	1.088	1.079	1.071	1.062	1.053	1.044	1.035	1.027	1.018	1.009	1.000
57.5	1.151	1.142	1.133	1.124	1.115	1.106	1.098	1.089	1.080	1.071	1.062	1.053	1.044	1.036	1.027	1.018	1.009
57	1.161	1.152	1.143	1.134	1.125	1.116	1.107	1.098	1.089	1.080	1.071	1.063	1.054	1.045	1.036	1.027	1.018

PERFORMANCE THROUGH EVOLUTION