

07 & 08 Harley Touring Bike Drive Ratios

Tire Diameter (inches)	24.75
MPH	65

Transmission Gear Ratios		Primary Sprockets		Belt Drive		Final Drive Ratio		RPM @ MPH		Difference	MPH @ 5500 RPM
		Motor	Clutch	Trans Pulley	Wheel Pulley	First	9.320	First	8228		
First	3.34					Second	6.446	Second	5690	0	43
Second	2.31	34	46	32	66	Third	4.800	Third	4237	0	63
Third	1.72	Primary Sprocket Ratio		Belt Drive Ratio		Fourth	3.879	Fourth	3424	0	84
Fourth	1.39	1.353		2.063		Fifth	3.293	Fifth	2907	0	104
Fifth	1.18					Sixth	2.790	Sixth	2463	0	123
Sixth	1.00										145

Transmission Gear Ratios		Primary Sprockets		Belt Drive		Final Drive Ratio		RPM @ MPH		Difference	MPH @ 5500 RPM
		Motor	Clutch	Trans Pulley	Wheel Pulley	First	9.941	First	8776	549	41
First	3.34					Second	6.876	Second	6070	379	59
Second	2.31	34	46	30	66	Third	5.120	Third	4519	282	79
Third	1.72	Primary Sprocket Ratio		Belt Drive Ratio		Fourth	4.137	Fourth	3652	228	98
Fourth	1.39	1.353		2.200		Fifth	3.512	Fifth	3101	194	115
Fifth	1.18					Sixth	2.976	Sixth	2628	164	136
Sixth	1.00										

Transmission Gear Ratios		Primary Sprockets		Belt Drive		Final Drive Ratio		RPM @ MPH		Difference	MPH @ 5500 RPM
		Motor	Clutch	Trans Pulley	Wheel Pulley	First	9.928	First	8764	537	41
First	3.34					Second	6.866	Second	6061	371	59
Second	2.31	34	49	32	66	Third	5.113	Third	4513	276	79
Third	1.72	Primary Sprocket Ratio		Belt Drive Ratio		Fourth	4.132	Fourth	3647	223	98
Fourth	1.39	1.441		2.063		Fifth	3.507	Fifth	3096	190	115
Fifth	1.18					Sixth	2.972	Sixth	2624	161	136
Sixth	1.00										

Transmission Gear Ratios		Primary Sprockets		Belt Drive		Final Drive Ratio		RPM @ MPH		Difference	MPH @ 5500 RPM
		Motor	Clutch	Trans Pulley	Wheel Pulley	First	10.563	First	9325	1097	38
First	3.34					Second	7.305	Second	6449	759	55
Second	2.31	30	46	32	66	Third	5.440	Third	4802	565	74
Third	1.72	Primary Sprocket Ratio		Belt Drive Ratio		Fourth	4.396	Fourth	3881	457	92
Fourth	1.39	1.533		2.063		Fifth	3.732	Fifth	3294	388	109
Fifth	1.18					Sixth	3.163	Sixth	2792	328	128
Sixth	1.00										

Transmission Gear Ratios		Primary Sprockets		Belt Drive		Final Drive Ratio		RPM @ MPH		Difference	MPH @ 5500 RPM
		Motor	Clutch	Trans Pulley	Wheel Pulley	First	10.243	First	9042	814	40
First	3.34					Second	7.084	Second	6254	563	57
Second	2.31	34	46	30	68	Third	5.275	Third	4656	419	77
Third	1.72	Primary Sprocket Ratio		Belt Drive Ratio		Fourth	4.263	Fourth	3763	339	95
Fourth	1.39	1.353		2.267		Fifth	3.619	Fifth	3194	288	112
Fifth	1.18					Sixth	3.067	Sixth	2707	244	132
Sixth	1.00										

- = Input Required
- = Stock Setup
- = Results