



Gear Ratio Chart for Final Drive Pulleys

Transmission Pulley

Stock 5-speed Big Twins come with 32-tooth pulleys. Smaller 29, 30, and 31-tooth pulleys provide stronger acceleration, while larger 33 and 34-tooth pulleys reduce engine speed for smoother cruising. For example, a 34-tooth pulley will reduce engine speed by about 240 RPM at 60 mph.

Rear Wheel Pulley

Smaller pulleys will reduce the engine speed for smoother cruising. Larger pulleys will raise the engine speed for stronger acceleration. 93 Softail models came with 61-tooth rear wheel pulleys. 94 Softail models came with 70-tooth rear wheel pulleys. 95-99 Softail models came with 65-tooth rear wheel pulleys, and Twin Cam 88 Softail models have 70-tooth pulleys. All other Big Twins equipped with rear belt drive units since 80, have 70-tooth rear pulleys.

Primary Drive Ratios

A primary ratio of 1.54 (24/37 tooth combination) was stock on all Big Twin models from 85-93. A primary ratio of 1.44 (25/36 tooth combination) is stock on all Big Twin models from 94-05.

Transmission Pulley	Rear Wheel Pulley	Secondary Ratio	Overall Ratio (1.54 Primary)	Overall Ratio (1.44 Primary)
29	70	2.41	3.72	3.48
30	70	2.33	3.60	3.36
31	70	2.26	3.48	3.25
32	70	2.19	3.37	3.15
33	70	2.12	3.27	3.06
34	70	2.06	3.17	3.00
29	68	2.35	3.61	3.38
30	68	2.27	3.49	3.26
31	68	2.19	3.38	3.16
32	68	2.13	3.27	3.06
33	68	2.06	3.17	2.97
34	68	2.00	3.08	2.88
29	65	2.24	3.45	3.23
30	65	2.17	3.34	3.12
31	65	2.10	3.23	3.02
32	65	2.03	3.13	2.92
33	65	1.97	3.03	2.84
34	65	1.91	2.94	2.75
29	61	2.10	3.24	3.02
30	61	2.03	3.13	2.92
31	61	1.97	3.03	2.83
32	61	1.91	2.94	2.75
33	61	1.85	2.85	2.66
34	61	1.79	2.76	2.58

Aluminum Transmission Drive Pulleys by Belt Drives Limited

All new lightweight 7075 super strong aluminum transmission pulleys weigh about 1/3 as much as stock pulleys for extended 5th gear bearing life (4-speed pulleys are constructed of 356 aluminum). And lighter weight means more horsepower to the rear wheel. The pulleys are hard anodized for durability. A wide selection of sizes permits fine tuning of final drive ratio. Includes a new spacer, shaft nut, seal and retaining plate with screws. Made in the USA.

For Big Twin Models from 85-05

- 42571 29-tooth
- 42572 30-tooth
- 42573 31-tooth
- 42574 32-tooth
- 42575 33-tooth
- 42576 34-tooth

Fit Sportster and Buell Models from

- 91-03
- 42740 28-tooth
- 42741 29-tooth
- 42742 30-tooth

For 4-Speed Big Twin Models from 80-84

- 42743 29-tooth
- 42745 31-tooth
- 42746 32-tooth
- 42747 33-tooth



RevTech Pulley Kit

Kit includes 32-tooth front pulley, mounting screws, locking plate, sprocket nut, pulley spacer and mainshaft oil seal.

58596 Fits 5-speed Big Twins from 84-05



Andrews Final Drive Pulleys

Change your final drive ratio with Andrews' transmission pulleys. Precision-machined from heat-treated gear-quality steel. Fit 5-speed Big Twins from 85-05.

85-93	94-06	
24200 *	n/a	29-tooth pulley
n/a	24322	30-tooth pulley
24201 *	24323	34-tooth pulley

* Spacer and seal included



MADE IN THE USA



JIMS "Mega" Transmission Pulley Nut for 5-Speed Models

The "Mega" nut features a built in lock plate that stays tight even in high-performance application. Fits all 5-speed models from 93-06.

060650 Sold each

Transmission Final Drive Pulley Spacer

Fits Big Twin models from 85-93 (not shown).

56250 Replaces OEM 33334-85 (sold each)