

# 7 INCH

## QUICK CHANGE GEARS

### P/N 3800, SERIES

SAE 8620 Steel, 7" Quick Change Gears.

When ordering add Prefix 38 To Set Number, Example 3801.

#### IMPORTANT:

Install quick change gears with shoulder facing out toward gear cover bearings.



Remember to refill gear cavity with good quality gear lube after quick change gear changes.



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(TOP)



(BOTTOM)

#### To Determine Gear RPM Change:

$$\text{Example } \frac{\text{RPM}}{8000} \div \frac{\text{Gear Ratio}}{5.58} \times \frac{\text{New Ratio}}{5.35} = \frac{\text{New RPM}}{7670}$$

#### To Determine Final Drive:

$$\frac{\text{Final Drive}}{(\# \text{ Teeth Top Gear}) \div (\# \text{ Teeth Bottom Gear})} \times \text{R\&P Ratio} = \text{Final Drive}$$

Gear Set #	Low Spur Ratio	High Spur Ratio	No. of Teeth	3.78 R&P Ratio (9-34 Teeth)		4.57 R&P Ratio (7-32 Teeth)		5.13 R&P Ratio (8-41 Teeth)	
				Low	High	Low	High	Low	High
1	1.00	1.00	25/25	3.78	3.78	4.57	4.57	5.13	5.13
2	.96	1.05	23/22	3.63	3.97	4.39	4.80	4.92	5.39
3	.92	1.08	26/24	3.48	4.08	4.20	4.94	4.72	5.54
4	.90	1.11	21/19	3.40	4.20	4.11	5.07	4.62	5.69
5	.88	1.14	24/21	3.33	4.31	4.02	5.21	4.51	5.85
6	.85	1.17	27/23	3.21	4.42	3.88	5.35	4.36	6.00
7	.83	1.20	30/25	3.14	4.54	3.79	5.48	4.26	6.16
8	.82	1.22	22/18	3.10	4.61	3.75	5.58	4.21	6.26
9	.80	1.25	25/20	3.02	4.73	3.66	5.71	4.10	6.41
10	.79	1.27	28/22	2.99	4.80	3.61	5.80	4.05	6.52
11	.77	1.29	31/24	2.91	4.88	3.52	5.90	3.95	6.62
12	.74	1.35	23/17	2.80	5.10	3.38	6.17	3.80	6.93
13	.73	1.37	26/19	2.76	5.18	3.34	6.26	3.74	7.03
14	.72	1.38	29/21	2.72	5.22	3.29	6.31	3.69	7.08
15	.67	1.50	30/20	2.53	5.67	3.06	6.86	3.44	7.70