



<input type="text" value="27.9"/>	Tire Height (inches)				
<input type="text" value="7400"/>	Upshift RPM	1st	<input type="text" value="3.24"/>	× 4.09 =	13.25
		2nd	<input type="text" value="2.10"/>	× 4.09 =	8.59
		3rd	<input type="text" value="1.42"/>	× 4.09 =	5.81
		4th	<input type="text" value="1.00"/>	× 4.09 =	4.09
		5th	<input type="text" value="0.81"/>	× 4.09 =	3.31
		6th	<input type="text" value="0.62"/>	× 4.09 =	2.54
		7th	<input type="text" value="0.00"/>		

RPM Drops
Based on upshift_rpm RPM

1st to 2nd	=	2604
2nd to 3rd	=	2396
3rd to 4th	=	2189
4th to 5th	=	1406
5th to 6th	=	1736

Gear	Speed at bottom of gear	Speed at top of gear	Speed range of gear	% of Pull
1st	-	46.4	-	-
2nd	46.4	71.5	25.1	12.8%
3rd	71.5	105.8	34.3	17.5%
4th	105.8	150.2	44.4	22.7%
5th	150.2	185.5	35.3	18.0%
6th	185.5	242.3	56.8	29.0%

Vehicle Top Speed*
Based on upshift_rpm RPM.

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*All speeds in MPH

Alternate Gear Combinations

These gear combinations will result in the exact same "Overall Drive Ratios" as the R&P and gears you entered in Step 1 and Step 2 above. Adjust R&P Ratio

R&P Ratio	3.44	3.88	4.13	4.22	4.38	4.57	4.86	5.14	5.38	5.43	5.86	6.14	6.17	4.09
1st Gear	3.85	3.41	3.21	3.14	3.03	2.90	2.73	2.58	2.46	2.44	2.26	2.16	2.15	3.24
2nd Gear	2.50	2.21	2.08	2.04	1.96	1.88	1.77	1.67	1.60	1.58	1.47	1.40	1.39	2.10
3rd Gear	1.69	1.50	1.41	1.38	1.33	1.27	1.20	1.13	1.08	1.07	0.99	0.95	0.94	1.42
4th Gear	1.19	1.05	0.99	0.97	0.93	0.89	0.84	0.80	0.76	0.75	0.70	0.67	0.66	1.00
5th Gear	0.96	0.85	0.80	0.78	0.76	0.72	0.68	0.64	0.62	0.61	0.56	0.54	0.54	0.81
6th Gear	0.74	0.65	0.62	0.60	0.58	0.56	0.52	0.49	0.47	0.47	0.43	0.41	0.41	0.62

Vehicle Speed (MPH)

RPM	1st	2nd	3rd	4th	5th	6th	RPM	1st	2nd	3rd	4th	5th	6th
1000	6.3	9.7	14.3	20.3	25.1	32.7	5300	33.2	51.2	75.8	107.6	132.8	173.6
1100	6.9	10.6	15.7	22.3	27.6	36.0	5400	33.8	52.2	77.2	109.6	135.3	176.8
1200	7.5	11.6	17.2	24.4	30.1	39.3	5500	34.5	53.2	78.6	111.7	137.9	180.1
1300	8.1	12.6	18.6	26.4	32.6	42.6	5600	35.1	54.1	80.1	113.7	140.4	183.4
1400	8.8	13.5	20.0	28.4	35.1	45.8	5700	35.7	55.1	81.5	115.7	142.9	186.6
1500	9.4	14.5	21.4	30.5	37.6	49.1	5800	36.3	56.1	82.9	117.8	145.4	189.9
1600	10.0	15.5	22.9	32.5	40.1	52.4	5900	37.0	57.0	84.4	119.8	147.9	193.2
1700	10.7	16.4	24.3	34.5	42.6	55.7	6000	37.6	58.0	85.8	121.8	150.4	196.5
1800	11.3	17.4	25.7	36.5	45.1	58.9	6100	38.2	59.0	87.2	123.8	152.9	199.7
1900	11.9	18.4	27.2	38.6	47.6	62.2	6200	38.8	59.9	88.6	125.9	155.4	203.0
2000	12.5	19.3	28.6	40.6	50.1	65.5	6300	39.5	60.9	90.1	127.9	157.9	206.3
2100	13.2	20.3	30.0	42.6	52.6	68.8	6400	40.1	61.9	91.5	129.9	160.4	209.6
2200	13.8	21.3	31.5	44.7	55.1	72.0	6500	40.7	62.8	92.9	132.0	162.9	212.8
2300	14.4	22.2	32.9	46.7	57.6	75.3	6600	41.4	63.8	94.4	134.0	165.4	216.1
2400	15.0	23.2	34.3	48.7	60.2	78.6	6700	42.0	64.8	95.8	136.0	167.9	219.4
2500	15.7	24.2	35.7	50.8	62.7	81.9	6800	42.6	65.7	97.2	138.1	170.4	222.7
2600	16.3	25.1	37.2	52.8	65.2	85.1	6900	43.2	66.7	98.7	140.1	172.9	225.9
2700	16.9	26.1	38.6	54.8	67.7	88.4	7000	43.9	67.7	100.1	142.1	175.5	229.2
2800	17.5	27.1	40.0	56.8	70.2	91.7	7100	44.5	68.6	101.5	144.1	178.0	232.5
2900	18.2	28.0	41.5	58.9	72.7	95.0	7200	45.1	69.6	102.9	146.2	180.5	235.8
3000	18.8	29.0	42.9	60.9	75.2	98.2	7300	45.7	70.6	104.4	148.2	183.0	239.0
3100	19.4	30.0	44.3	62.9	77.7	101.5	7400	46.4	71.5	105.8	150.2	185.5	242.3
3200	20.1	30.9	45.8	65.0	80.2	104.8	7500	47.0	72.5	107.2	152.3	188.0	245.6
3300	20.7	31.9	47.2	67.0	82.7	108.1	7600	47.6	73.5	108.7	154.3	190.5	248.9
3400	21.3	32.9	48.6	69.0	85.2	111.3	7700	48.2	74.4	110.1	156.3	193.0	252.1
3500	21.9	33.8	50.0	71.1	87.7	114.6	7800	48.9	75.4	111.5	158.4	195.5	255.4
3600	22.6	34.8	51.5	73.1	90.2	117.9	7900	49.5	76.4	112.9	160.4	198.0	258.7
3700	23.2	35.8	52.9	75.1	92.7	121.2	8000	50.1	77.3	114.4	162.4	200.5	262.0
3800	23.8	36.7	54.3	77.1	95.2	124.4	8100	50.8	78.3	115.8	164.4	203.0	265.2
3900	24.4	37.7	55.8	79.2	97.8	127.7	8200	51.4	79.3	117.2	166.5	205.5	268.5
4000	25.1	38.7	57.2	81.2	100.3	131.0	8300	52.0	80.2	118.7	168.5	208.0	271.8
4100	25.7	39.6	58.6	83.2	102.8	134.3	8400	52.6	81.2	120.1	170.5	210.5	275.1
4200	26.3	40.6	60.0	85.3	105.3	137.5	8500	53.3	82.2	121.5	172.6	213.0	278.3
4300	26.9	41.6	61.5	87.3	107.8	140.8	8600	53.9	83.1	123.0	174.6	215.6	281.6
4400	27.6	42.5	62.9	89.3	110.3	144.1	8700	54.5	84.1	124.4	176.6	218.1	284.9
4500	28.2	43.5	64.3	91.4	112.8	147.4	8800	55.1	85.1	125.8	178.7	220.6	288.2
4600	28.8	44.5	65.8	93.4	115.3	150.6	8900	55.8	86.0	127.2	180.7	223.1	291.4
4700	29.5	45.4	67.2	95.4	117.8	153.9	9000	56.4	87.0	128.7	182.7	225.6	294.7
4800	30.1	46.4	68.6	97.5	120.3	157.2	9100	57.0	88.0	130.1	184.7	228.1	298.0
4900	30.7	47.4	70.1	99.5	122.8	160.5	9200	57.6	88.9	131.5	186.8	230.6	301.3
5000	31.3	48.3	71.5	101.5	125.3	163.7	9300	58.3	89.9	133.0	188.8	233.1	304.5
5100	32.0	49.3	72.9	103.5	127.8	167.0	9400	58.9	90.9	134.4	190.8	235.6	307.8
5200	32.6	50.3	74.3	105.6	130.3	170.3	9500	59.5	91.8	135.8	192.9	238.1	311.1