

Gear-Speed Calculator for Dodge 2500/3500 with Cummins Turbo Diesel

Axle Ratio	3.73	Enter the axle ratio here
Tire Specs		
Size	265.00	Enter metric tire size in MM here
Profile	70.00	Enter metric tire profile % here
Rim	17.00	Enter rim diameter in inches here
Dia	31.61	Optionally enter to manually override with Mfg tire specs
Cir	99.29	Calculated circumference in inches
Revs/Mi	638.10	Optionally enter to manually override with Mfg tire specs
K	0.025	Calculated Mi / Drive Shaft Rev. * 60

NV5600 6 Speed Manual						
Gear	1	2	3	4	5	6
RPM	5.630	3.380	2.040	1.390	1.000	0.730
1000	4	7	12	18	25	35
1100	5	8	14	20	28	38
1200	5	9	15	22	30	41
1300	6	10	16	24	33	45
1400	6	10	17	25	35	48
1500	7	11	19	27	38	52
1600	7	12	20	29	40	55
1700	8	13	21	31	43	59
1800	8	13	22	33	45	62
1900	9	14	23	34	48	66
2000	9	15	25	36	50	69
2100	9	16	26	38	53	73
2200	10	16	27	40	55	76
2300	10	17	28	42	58	79
2400	11	18	30	44	61	83
2500	11	19	31	45	63	86
2600	12	19	32	47	66	90
2700	12	20	33	49	68	93
2800	13	21	35	51	71	97
2900	13	22	36	53	73	100
3000	13	22	37	54	76	104
3100	14	23	38	56	78	107
3200	14	24	40	58	81	111
3300	15	25	41	60	83	114

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1300	5	9	15	21	30	41
1400	6	9	16	23	32	44
1500	6	10	17	25	34	47
1600	7	11	18	26	37	50
1700	7	12	19	28	39	53
1800	7	12	20	30	41	57
1900	8	13	21	31	44	60
2000	8	14	22	33	46	63
2100	9	14	24	35	48	66
2200	9	15	25	36	50	69
2300	9	16	26	38	53	72
2400	10	16	27	40	55	75
2500	10	17	28	41	57	79
2600	11	18	29	43	60	82
2700	11	18	30	45	62	85
2800	11	19	31	46	64	88
2900	12	20	33	48	67	91
3000	12	20	34	49	69	94
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3200	13	22	36	53	73	101
3300	13	22	37	54	76	104

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G56 6 Speed Manual (AD 2005-2006)						
Gear	1	2	3	4	5	6
RPM	6.290	3.480	2.100	1.380	1.000	0.790
1000	4	7	12	18	25	32
1100	4	8	13	20	28	35
1200	5	9	14	22	30	38
1300	5	9	16	24	33	41
1400	6	10	17	26	35	45
1500	6	11	18	27	38	48
1600	6	12	19	29	40	51
1700	7	12	20	31	43	54
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2000	8	14	24	37	50	64
2100	8	15	25	38	53	67
2200	9	16	26	40	55	70
2300	9	17	28	42	58	73
2400	10	17	29	44	61	77
2500	10	18	30	46	63	80
2600	10	19	31	47	66	83
2700	11	20	32	49	68	86
2800	11	20	34	51	71	89
2900	12	21	35	53	73	93
3000	12	22	36	55	76	96
3100	12	22	37	57	78	99
3200	13	23	38	58	81	102
3300	13	24	40	60	83	105

G56 6 Speed Manual (AE 2007+)						
Gear	1	2	3	4	5	6
RPM	5.940	3.280	1.980	1.310	1.000	0.740
1000	4	8	13	19	25	34
1100	5	8	14	21	28	37
1200	5	9	15	23	30	41
1300	6	10	17	25	33	44
1400	6	11	18	27	35	48
1500	6	12	19	29	38	51
1600	7	12	20	31	40	55
1700	7	13	22	33	43	58
1800	8	14	23	35	45	61
1900	8	15	24	37	48	65
2000	8	15	25	38	50	68
2100	9	16	27	40	53	72
2200	9	17	28	42	55	75
2300	10	18	29	44	58	78
2400	10	18	31	46	61	82
2500	11	19	32	48	63	85
2600	11	20	33	50	66	89
2700	11	21	34	52	68	92
2800	12	22	36	54	71	95
2900	12	22	37	56	73	99
3000	13	23	38	58	76	102
3100	13	24	39	60	78	106
3200	14	25	41	62	81	109
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68RFE						
Gear	1	2	3	4	5	6
RPM	3.231	1.837	1.410	1.000	0.816	0.625
1000	8	14	18	25	31	40
1100	9	15	20	28	34	44
1200	9	16	21	30	37	48
1300	10	18	23	33	40	52
1400	11	19	25	35	43	56
1500	12	21	27	38	46	61
1600	12	22	29	40	49	65
1700	13	23	30	43	53	69
1800	14	25	32	45	56	73
1900	15	26	34	48	59	77
2000	16	27	36	50	62	81
2100	16	29	38	53	65	85
2200	17	30	39	55	68	89
2300	18	32	41	58	71	93
2400	19	33	43	61	74	97
2500	20	34	45	63	77	101
2600	20	36	46	66	80	105
2700	21	37	48	68	83	109
2800	22	38	50	71	87	113
2900	23	40	52	73	90	117
3000	23	41	54	76	93	121
3100	24	43	55	78	96	125
3200	25	44	57	81	99	129
3300	26	45	59	83	102	133

Axle Ratio	4.10	Enter the axle ratio here
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1100	8	14	18	25	31	40
1200	9	15	20	28	34	44
1300	9	16	21	30	37	48
1400	10	17	23	32	39	51
1500	11	19	24	34	42	55
1600	11	20	26	37	45	59
1700	12	21	28	39	48	62
1800	13	22	29	41	51	66
1900	13	24	31	44	53	70
2000	14	25	33	46	56	73
2100	15	26	34	48	59	77
2200	16	27	36	50	62	81
2300	16	29	37	53	65	84
2400	17	30	39	55	67	88
2500	18	31	41	57	70	92
2600	18	32	42	60	73	95
2700	19	34	44	62	76	99
2800	20	35	46	64	79	103
2900	21	36	47	67	82	106
3000	21	37	49	69	84	110
3100	22	39	50	71	87	114
3200	23	40	52	73	90	117
3300	23	41	54	76	93	121

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Revs/Mi	638.10	Optionally enter to manually override with Mfg tire specs
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Aisin AS68RC						
Gear	1	2	3	4	5	6
RPM	3.740	1.960	1.340	1.000	0.770	0.630
1000	7	13	19	25	33	40
1100	7	14	21	28	36	44
1200	8	15	23	30	39	48
1300	9	17	24	33	43	52
1400	9	18	26	35	46	56
1500	10	19	28	38	49	60
1600	11	21	30	40	52	64
1700	11	22	32	43	56	68
1800	12	23	34	45	59	72
1900	13	24	36	48	62	76
2000	13	26	38	50	65	80
2100	14	27	40	53	69	84
2200	15	28	41	55	72	88
2300	16	30	43	58	75	92
2400	16	31	45	61	79	96
2500	17	32	47	63	82	100
2600	18	33	49	66	85	104
2700	18	35	51	68	88	108
2800	19	36	53	71	92	112
2900	20	37	55	73	95	116
3000	20	39	56	76	98	120
3100	21	40	58	78	101	124
3200	22	41	60	81	105	128
3300	22	42	62	83	108	132

Axle Ratio	4.10	Enter the axle ratio here
Tire Specs		
Size	265.00	Enter metric tire size in MM here
Profile	70.00	Enter metric tire profile % here
Rim	17.00	Enter rim diameter in inches here
Dia	31.61	Optionally enter to manually override with Mfg tire specs
Cir	99.29	Calculated circumference in inches
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Aisin AS68RC						
Gear	1	2	3	4	5	6
RPM	3.740	1.960	1.340	1.000	0.770	0.630
1000	6	12	17	23	30	36
1100	7	13	19	25	33	40
1200	7	14	21	28	36	44
1300	8	15	22	30	39	47
1400	9	16	24	32	42	51
1500	9	18	26	34	45	55
1600	10	19	27	37	48	58
1700	10	20	29	39	51	62
1800	11	21	31	41	54	66
1900	12	22	33	44	57	69
2000	12	23	34	46	60	73
2100	13	25	36	48	63	76
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2900	18	34	50	67	86	106
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3100	19	36	53	71	92	113
3200	20	37	55	73	95	116
3300	20	39	56	76	98	120

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Axle Ratio	3.54	Enter the axle ratio here
Tire Specs		
Size	265.00	Enter metric tire size in MM here
Profile	70.00	Enter metric tire profile % here
Rim	17.00	Enter rim diameter in inches here
Dia	31.61	Optionally enter to manually override with Mfg tire specs
Cir	99.29	Calculated circumference in inches
Revs/Mi	638.10	Optionally enter to manually override with Mfg tire specs
K	0.027	Calculated Mi / Drive Shaft Rev. * 60

NV4500 5 Speed Manual					
Gear	1	2	3	4	5
RPM	5.610	3.040	1.670	1.000	0.750
1000	5	9	16	27	35
1100	5	10	17	29	39
1200	6	10	19	32	42
1300	6	11	21	35	46
1400	7	12	22	37	50
1500	7	13	24	40	53
1600	8	14	25	42	57
1700	8	15	27	45	60
1800	9	16	29	48	64
1900	9	17	30	50	67
2000	9	17	32	53	71
2100	10	18	33	56	74
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2300	9	17	32	53	70
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47RE/48RE 4 Speed Automatic				
Gear	1	2	3	4
RPM	2.450	1.450	1.000	0.690
1000	10	17	25	37
1100	11	19	28	40
1200	12	21	30	44
1300	13	23	33	47
1400	14	24	35	51
1500	15	26	38	55
1600	16	28	40	58
1700	17	30	43	62
1800	19	31	45	66
1900	20	33	48	69
2000	21	35	50	73
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2200	23	38	55	80
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2400	25	42	61	88
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1600	15	25	37	53
1700	16	27	39	57
1800	17	28	41	60
1900	18	30	44	63
2000	19	32	46	66
2100	20	33	48	70
2200	21	35	50	73
2300	22	36	53	76
2400	22	38	55	80
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2600	24	41	60	86
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2900	27	46	67	96
3000	28	47	69	100
3100	29	49	71	103
3200	30	51	73	106
3300	31	52	76	110