

This is a HPTuners transmission worksheet synced to v2.1.18 with my (2005)trans tune values. You should consider it a starting point, not a guarantee. Though you should find most of the changes agreeable there's a chance you could get your feet tangled up.

Whaddyawantfernuthing?

Vehicle is a 2002 Camaro with 3.42s, a Fuddle 3500/2.0 converter and (at the time) fairly stock motor.

HPTuners A4 Shift Speed Tuning Sheet

WOT Shift Enable %TPS	94
WOT Shift Disable %TPS	84

Shift Speed vs %TPS vs Shift - Normal

%TPS	0	6	12	19	25	31	37	44	50	56	62	69	75	81	87	94	100
1-2 (MPH)	10.84375	11	12	13	14	16	18	20	22	23.64453	25.60156	27.55859	30.51563	32.48828	34.46094	35.54297	35.54297
2-3 (MPH)	20.69922	22	24	26	28	31	33	35	38	41.375	45.30078	51.21875	59.10156	66.98828	74.875	75.96875	75.96875
3-4 (MPH)	39	39	39	39	46.32813	55.20313	72.94531	86.73438	101.5078	111.3477	115.293	120.2188	120.2188	120.2188	120.2188	120.2188	120.2188
2-1 (MPH)	8.84375	9	10	11	12	14	16	18	20	21.64453	23.60156	25.55859	28.51563	30.48828	32.46094	33.54297	33.54297
3-2 (MPH)	17.69922	19	21	23	25	28	30	32	35	38.375	42.30078	48.21875	56.10156	63.98828	71.875	72.96875	72.96875
4-3 (MPH)	35	35	35	35	42.32813	51.20313	68.94531	82.73438	97.50781	107.3477	111.293	116.2188	116.2188	116.2188	116.2188	116.2188	116.2188

Shift Speed vs %TPS vs Shift - Cruise

%TPS	0	6	12	19	25	31	37	44	50	56	62	69	75	81	87	94	100
1-2 (MPH)	10.84375	10.84375	10.84375	11.82813	13.80078	15.77344	19.71484	23.65625	27.60156	30.55859	32.52734	34.5	35.48828	36.47266	36.47266	36.47266	36.47266
2-3 (MPH)	16.75781	16.75781	19.71484	21.6875	25.62891	29.57422	36.47266	43.375	49.28906	54.21875	60.13281	64.07422	68.01953	69.98828	71.96094	72.94531	74.91797
3-4 (MPH)	23.65625	23.65625	28.58984	34.5	42.39063	49.28906	55.20313	85.76172	123.2188	123.2188	123.2188	123.2188	123.2188	123.2188	123.2188	123.2188	123.2188
2-1 (MPH)	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	30.55859
3-2 (MPH)	15.77344	15.77344	15.77344	15.77344	15.77344	15.77344	17.74609	19.71484	22.67188	24.64453	28.58984	33.51563	38.44531	44.35938	49.28906	56.19141	70.97266
4-3 (MPH)	21.6875	21.6875	22.67188	24.64453	28.58984	31.54688	36.47266	41.40234	47.31641	54.21875	65.0625	80.83594	92.66406	98.57813	105.4805	112.3789	121.25

Shift Speed vs %TPS vs Shift - Hot

%TPS	0	6	12	19	25	31	37	44	50	56	62	69	75	81	87	94	100
1-2 (MPH)	10.84375	10.84375	10.84375	11.82813	13.80078	15.77344	19.71484	23.65625	27.60156	30.55859	32.52734	34.5	35.48828	36.47266	36.47266	36.47266	36.47266
2-3 (MPH)	16.75781	16.75781	19.71484	21.6875	25.62891	29.57422	36.47266	43.375	49.28906	54.21875	60.13281	64.07422	68.01953	69.98828	71.96094	72.94531	74.91797
3-4 (MPH)	39.42969	39.42969	39.42969	39.42969	39.42969	49.28906	55.20313	85.76172	123.2188	123.2188	123.2188	123.2188	123.2188	123.2188	123.2188	123.2188	123.2188
2-1 (MPH)	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	9.85547	30.55859
3-2 (MPH)	15.77344	15.77344	15.77344	15.77344	15.77344	15.77344	17.74609	19.71484	22.67188	24.64453	28.58984	33.51563	38.44531	44.35938	49.28906	56.19141	70.97266
4-3 (MPH)	37.46094	37.46094	37.46094	37.46094	37.46094	37.46094	37.46094	41.40234	47.31641	54.21875	65.0625	80.83594	92.66406	98.57813	105.4805	112.3789	121.25

Shift Speed vs %TPS vs Shift - Performance

%TPS	0	6	12	19	25	31	37	44	50	56	62	69	75	81	87	94	100
1-2 (MPH)	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
2-3 (MPH)	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
3-4 (MPH)	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
2-1 (MPH)	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
3-2 (MPH)	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
4-3 (MPH)	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256

WOT Shift Speed vs Shift - Normal

MPH	
1-2 Shift	36
2-3 Shift	76
3-4 Shift	120
2-1 Shift	34
3-2 Shift	73
4-3 Shift	116

WOT Shift Speed vs Shift - Hot

MPH	
1-2 Shift	36.47266
2-3 Shift	74.91797
3-4 Shift	123.2188
2-1 Shift	30.55859
3-2 Shift	70.97266
4-3 Shift	121.25

WOT Shift Speed vs Shift - Performance

MPH	
1-2 Shift	36.47266
2-3 Shift	74.91797
3-4 Shift	123.2188
2-1 Shift	30.55859
3-2 Shift	70.97266
4-3 Shift	121.25

Full Throttle Enable TPS

RPM	
Enable TP	94
Disable TP	84

WOT Shift RPM vs Shift - Normal

RPM	
1-2 Shift	6000
2-3 Shift	6000
3-4 Shift	6000

WOT Shift RPM vs Shift - Hot

RPM	
1-2 Shift	6000
2-3 Shift	6000
3-4 Shift	5900

WOT Shift RPM vs Shift - Performance

RPM	
1-2 Shift	6000
2-3 Shift	6000
3-4 Shift	6000

HPTuners A4 TCC Tuning Sheet

TCC Lock During Shift = True
 TCC Lock During Shift = False

X

TCC Apply / Release Speed vs %TPS

TCC Apply / Release vs %TPS vs Gear - Normal

%TPS	0	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
2nd Apply	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
3rd Apply	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
4th Apply	40	40	40	50	60	70	80	90	100	100	100	100	100	100	100	100	100
2 Release	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
3 Release	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
4 Release	33	37	37	47	56	66	75	85	95	95	95	95	95	95	95	95	95

TCC Apply / Release Speed vs %TPS vs Gear - Cruise

%TPS	0	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
2nd Apply	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
3rd Apply	26	26	29	34	42	49	55	99	99	99	99	99	99	255	255	255	255
4th Apply	35	35	35	41	41	41	41	41	41	41	41	41	41	255	255	255	255
2 Release	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
3 Release	24	24	24	24	28	29	31	33	35	37	42	52	66	80	255	255	255
4 Release	34	34	34	34	38	40	40	40	40	40	40	40	40	40	255	255	255

TCC Apply / Release Speed vs %TPS vs Gear - Performance

%TPS	0	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
2nd Apply	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
3rd Apply	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
4th Apply	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
2 Release	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
3 Release	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
4 Release	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256

TCC Apply / Release Speed vs %TPS vs Gear - Hot

%TPS	0	6.25	12.5	18.75	25	31.25	37.5	43.75	50	56.25	62.5	68.75	75	81.25	87.5	93.75	100
2nd Apply	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
3rd Apply	28	28	28	28	28	28	28	28	28	28	28	28	28	255	255	255	255
4th Apply	39	39	39	39	39	39	39	39	39	39	39	39	39	255	255	255	255
2 Release	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255	255
3 Release	26	26	26	26	26	26	26	26	26	26	26	26	26	26	255	255	255
4 Release	37	37	37	37	37	37	37	37	37	37	37	37	37	37	255	255	255

56.2	59.3	62.5	65.6	68.7	71.8	75	78.1	81.2	84.3	87.5	90.6	93.7	96.8	100
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15

7200	7600	8000
20	20	20

HPTuners Transmission Diagnostics Tuning Sheet

P1870 Trans Component Slipping

Min Trans Temp oF
Max Trans Temp oF
Set Max Slip RPM
Set Min Slip RPM

72
312
1000
250

Clear Max Slip RPM
Clear Min Slip RPM

50
-20