



Name/Date:
Notes:

Sample 9/23/2011

Ride Height	
	RF
	LF
	RR
	LR

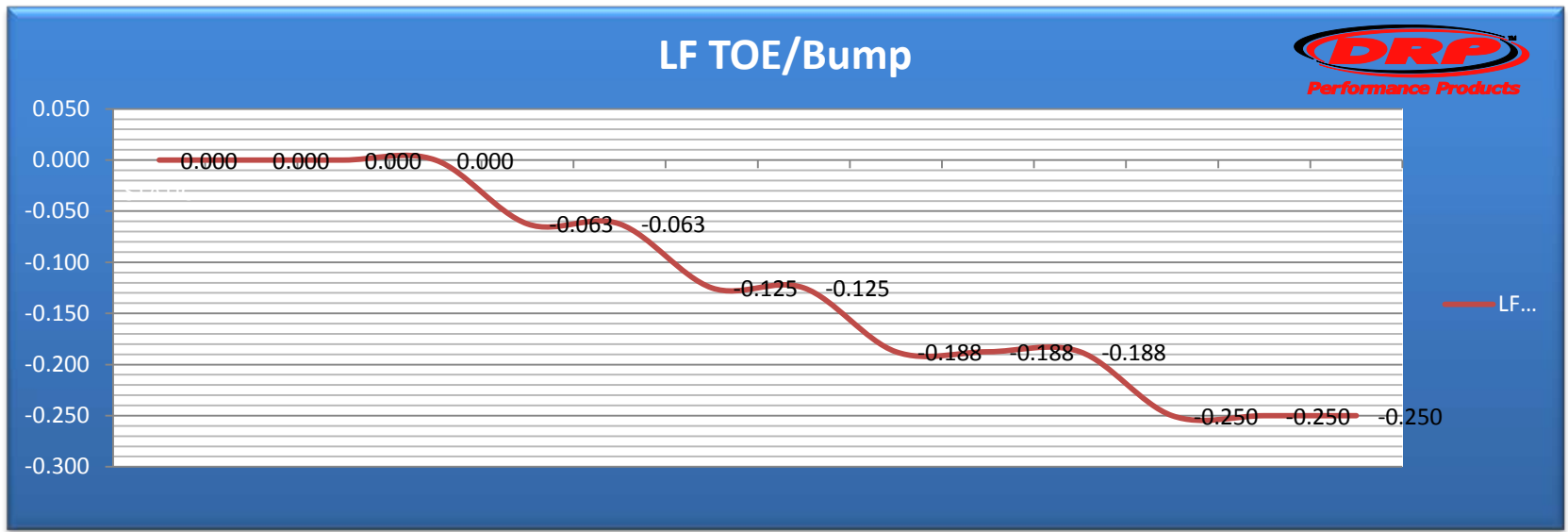
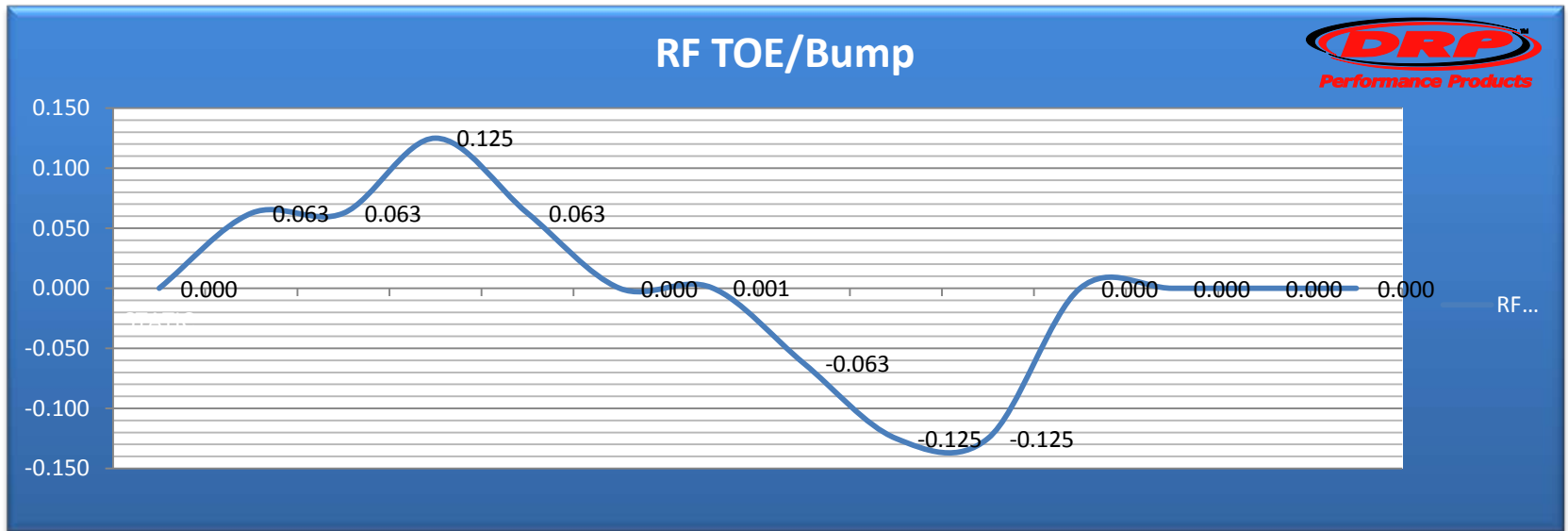
Max Travel	
	RF
	LF
	RR
	LR

Wheel Loads																			
Position	RF Travel	RF Load	LF Travel	LF Load	RR Travel	RR Load	LR Travel	LR Load	Total	Cross %	Left %	Right %	Front %	Rear %	RF%	LF%	RR %	LR %	Bite
STATIC	STATIC	650	STATIC	750	STATIC	575	STATIC	775	2750	51.82%	55.45%	44.55%	50.91%	49.09%	23.64%	27.27%	20.91%	28.18%	200
1		700		800		585		780	2865	51.66%	55.15%	44.85%	52.36%	47.64%	24.43%	27.92%	20.42%	27.23%	195
2		750		810		600		790	2950	52.20%	54.24%	45.76%	52.88%	47.12%	25.42%	27.46%	20.34%	26.78%	190
3		800		820		625		800	3045	52.55%	53.20%	46.80%	53.20%	46.80%	26.27%	26.93%	20.53%	26.27%	175
4		850		830		650		810	3140	52.87%	52.23%	47.77%	53.50%	46.50%	27.07%	26.43%	20.70%	25.80%	160
5		900		840		675		820	3235	53.17%	51.31%	48.69%	53.79%	46.21%	27.82%	25.97%	20.87%	25.35%	145
6		950		850		700		830	3330	53.45%	50.45%	49.55%	54.05%	45.95%	28.53%	25.53%	21.02%	24.92%	130
7		1000		860		725		840	3425	53.72%	49.64%	50.36%	54.31%	45.69%	29.20%	25.11%	21.17%	24.53%	115
8		1050		870		750		850	3520	53.98%	48.86%	51.14%	54.55%	45.45%	29.83%	24.72%	21.31%	24.15%	100
9		1100		880		775		850	3605	54.09%	47.99%	52.01%	54.92%	45.08%	30.51%	24.41%	21.50%	23.58%	75
10		1150		890		775		850	3665	54.57%	47.48%	52.52%	55.66%	44.34%	31.38%	24.28%	21.15%	23.19%	75
11		1200		900		785		860	3745	55.01%	47.00%	53.00%	56.07%	43.93%	32.04%	24.03%	20.96%	22.96%	75
12		1275		910		790		870	3845	55.79%	46.29%	53.71%	56.83%	43.17%	33.16%	23.67%	20.55%	22.63%	80
13		1375		920		800		880	3975	56.73%	45.28%	54.72%	57.74%	42.26%	34.59%	23.14%	20.13%	22.14%	80
14		1520		930		810		890	4150	58.07%	43.86%	56.14%	59.04%	40.96%	36.63%	22.41%	19.52%	21.45%	80

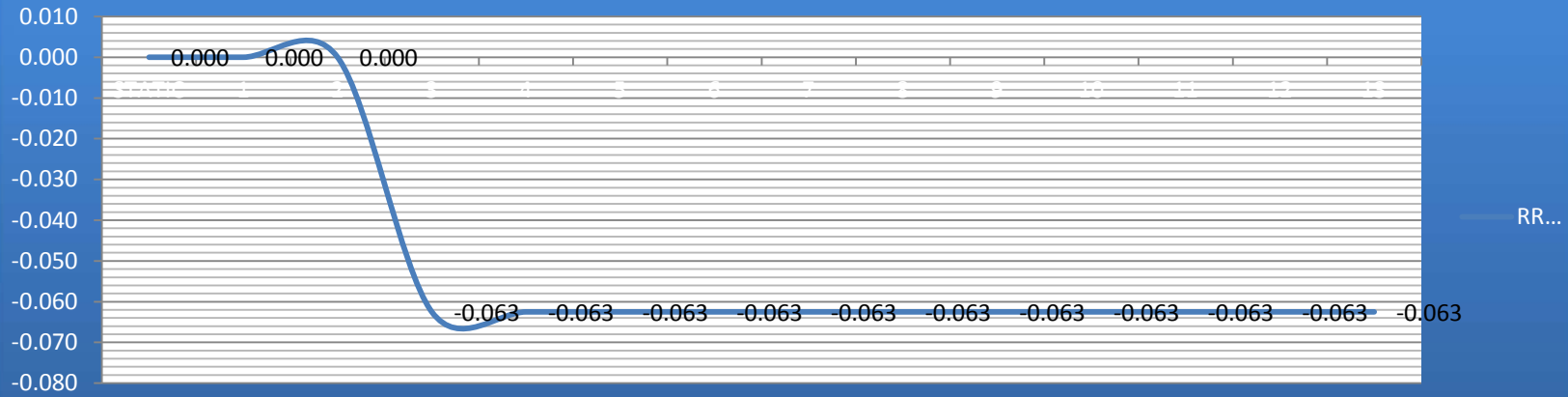
Wheel Position																
Travel/Pos	RF Lead	RF Trail	LF Lead	LF Trail	RR Lead	RR Trail	LR Lead	LR Trail	RF TOE/Bump	LF TOE/Bump	RR TOE/Rear Steer	LR TOE	Front Toe	Rear Toe	RS CP	LS CP
STATIC	3.000	3.000	3.000	3.000	2.500	2.500	3.000	3.000	0.000	0.000	0.000	0.000	NA	NA	0.500	0.000
1	2.750	2.750	3.250	3.250	2.500	2.500	3.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.250
2	2.688	2.750	3.500	3.500	2.500	2.500	3.000	3.000	0.063	0.000	0.000	0.000	0.063	0.000	0.219	0.500
3	2.625	2.688	3.750	3.750	2.562	2.562	2.938	2.938	0.063	0.000	0.000	0.001	0.063	0.001	0.094	0.812
4	2.500	2.625	4.000	4.000	2.688	2.625	2.875	2.938	0.125	0.000	-0.063	0.063	0.125	0.001	-0.094	1.094
5	2.438	2.500	4.250	4.188	2.750	2.688	2.813	2.875	0.063	-0.063	-0.063	0.063	0.000	0.000	-0.250	1.375
6	2.375	2.375	4.500	4.438	2.813	2.750	2.750	2.813	0.000	-0.063	-0.063	0.063	-0.063	0.000	-0.406	1.688
7	2.313	2.313	4.750	4.625	2.875	2.813	2.688	2.750	0.001	-0.125	-0.063	0.063	-0.125	0.000	-0.531	1.969
8	2.250	2.188	5.000	4.875	2.938	2.875	2.625	2.688	-0.063	-0.125	-0.063	0.063	-0.188	0.000	-0.688	2.281
9	2.188	2.063	5.250	5.063	2.938	2.875	2.625	2.688	-0.125	-0.188	-0.063	0.063	-0.313	0.000	-0.781	2.500
10	2.125	2.000	5.500	5.313	2.938	2.875	2.625	2.688	-0.125	-0.188	-0.063	0.063	-0.313	0.000	-0.844	2.750
11	2.000	2.000	5.750	5.563	2.938	2.875	2.625	2.688	0.000	-0.188	-0.063	0.063	-0.188	0.000	-0.906	3.000
12	1.875	1.875	6.000	5.750	2.938	2.875	2.625	2.688	0.000	-0.250	-0.063	0.063	-0.250	0.000	-1.031	3.219
13	1.750	1.750	6.000	5.750	2.938	2.875	2.625	2.688	0.000	-0.250	-0.063	0.063	-0.250	0.000	-1.156	3.219
14	1.500	1.500	6.000	5.750	2.938	2.875	2.625	2.688	0.000	-0.250	-0.063	0.063	-0.250	0.000	-1.406	3.219

Camber & Caster				
Position	RIGHT FRONT		LEFT FRONT	
	CAMBER	CASTER	CAMBER	CASTER
STATIC	6	3	8	5
1	6.25	2.875	7.5	4.75
2	6.5	2.75	7.25	4.5
3	6.75	2.625	7	4.25
4	7	2.5	6.5	4
5	7.25	2.375	6	3.75
6	7.5	2.25	5.5	3.5
7	7.75	2	5	3.25
8	8	1.875	4.5	3
9	7.25	1.75	4	2.75
10	7.5	1.625	3.5	2.5
11	7.75	1.5	3	2.25
12	8	1.375	2.5	2
13	8.25	1.25	2	1.75
14	8.5	1.125	1.5	1.5

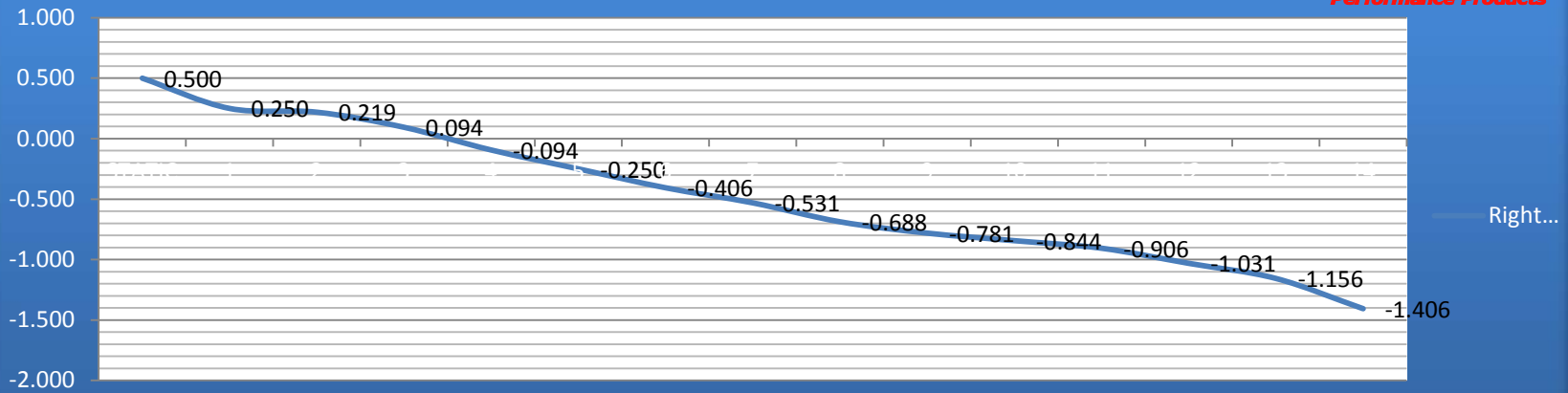
Wheel Base		
POSITION	RIGHT SIDE	LEFT SIDE
	STATIC	104.000
1	103.938	104.500
2	103.875	104.438
3	103.750	104.375
4	103.500	104.313
5	103.438	104.250
6	103.500	104.188
7	103.500	104.125
8		
9		
10		
11		
12		
13		
14		



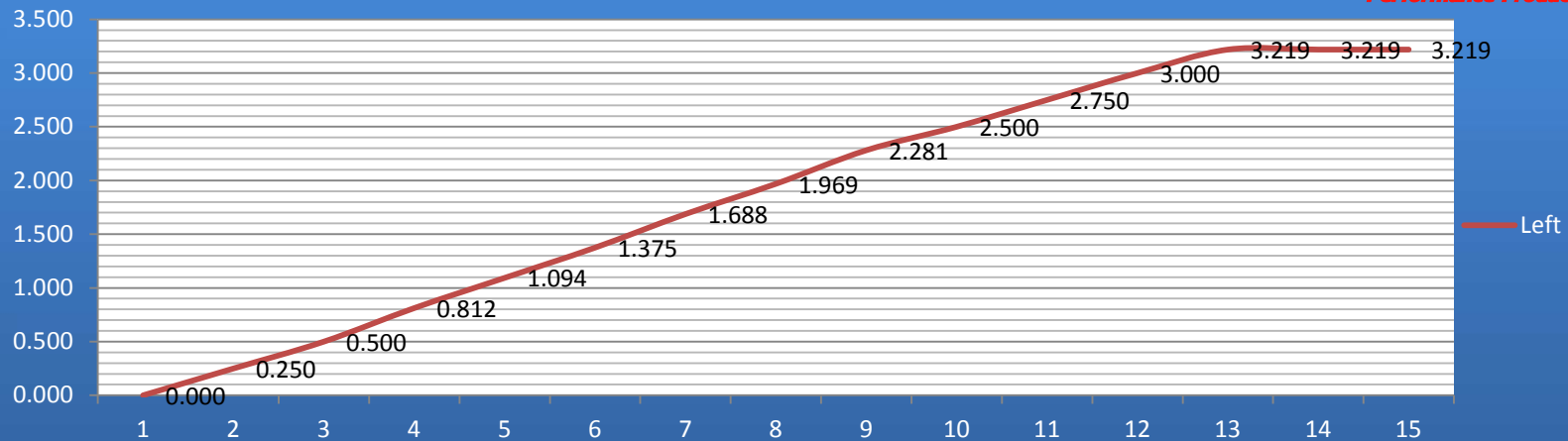
RR TOE/Rear Steer

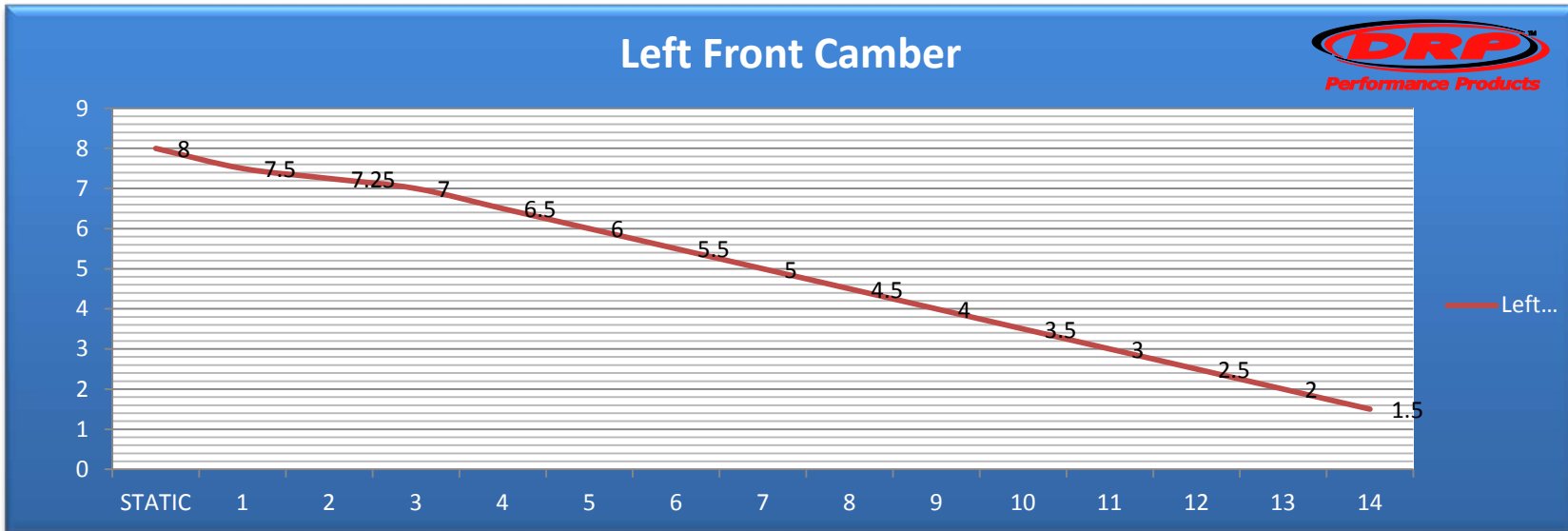
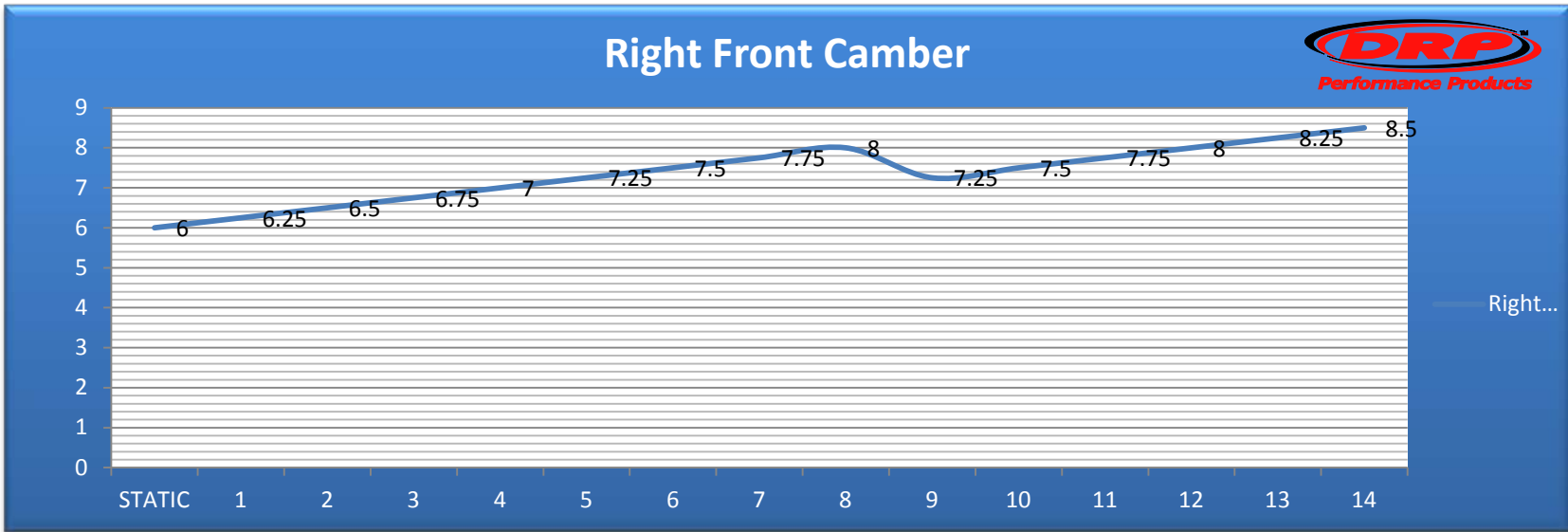


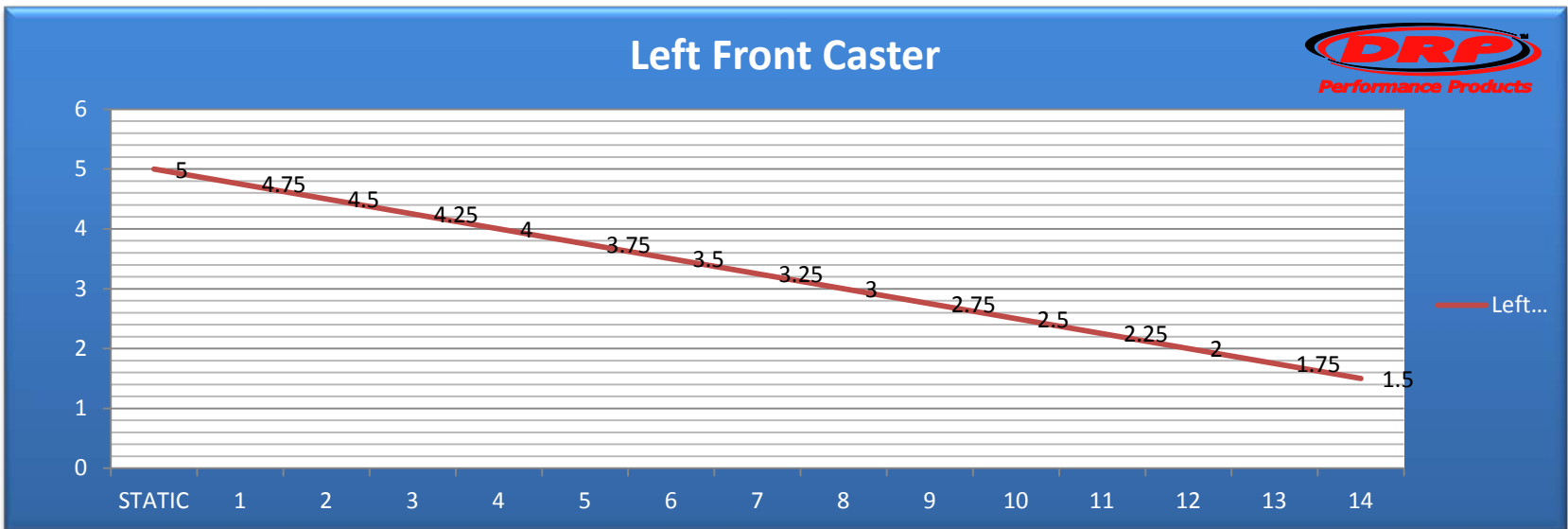
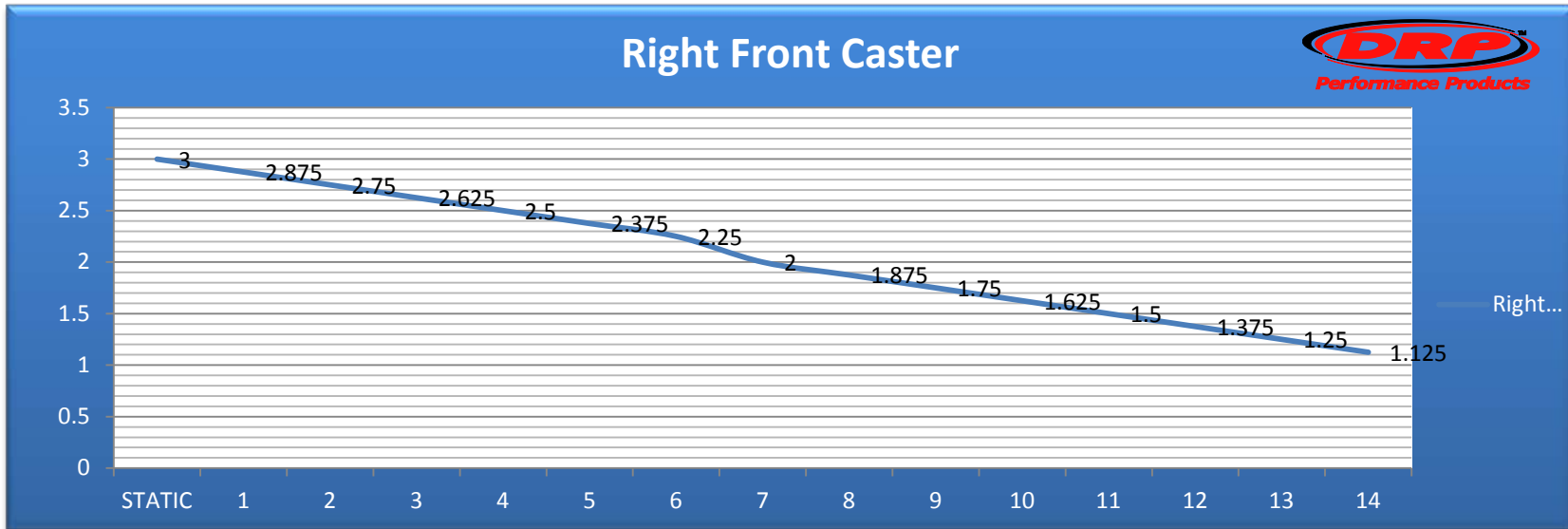
Right Side Contact Patch Alignment



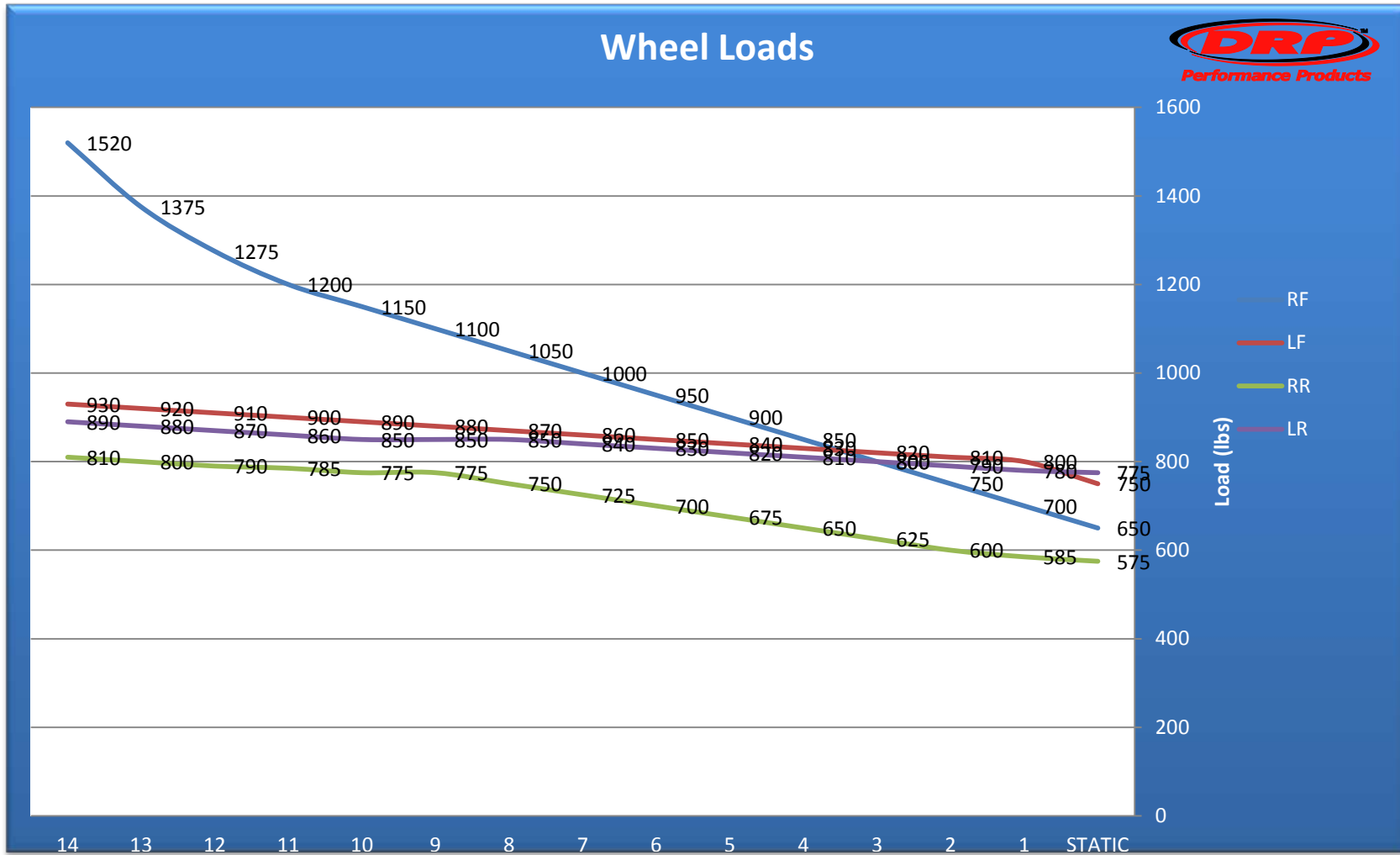
Left Side Contact Patch Alignment

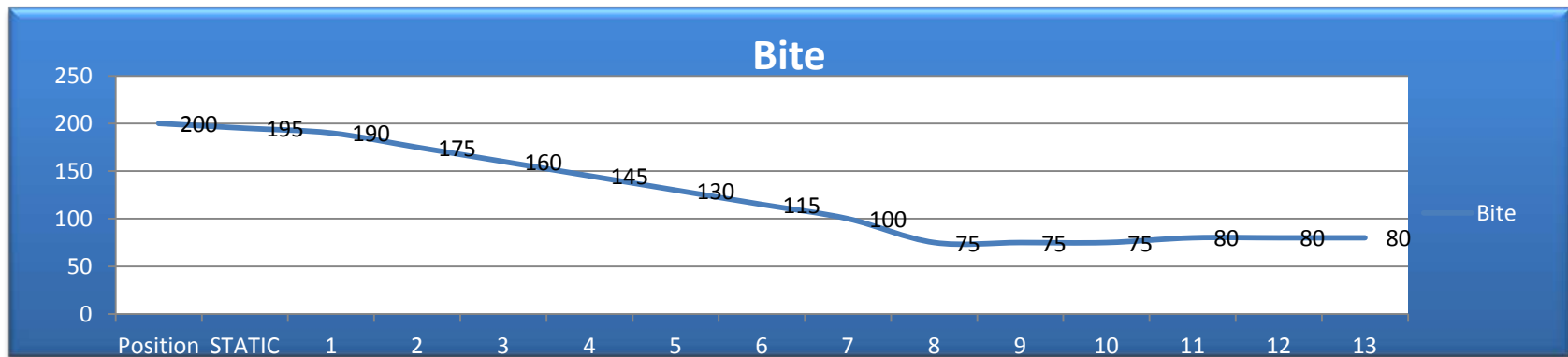
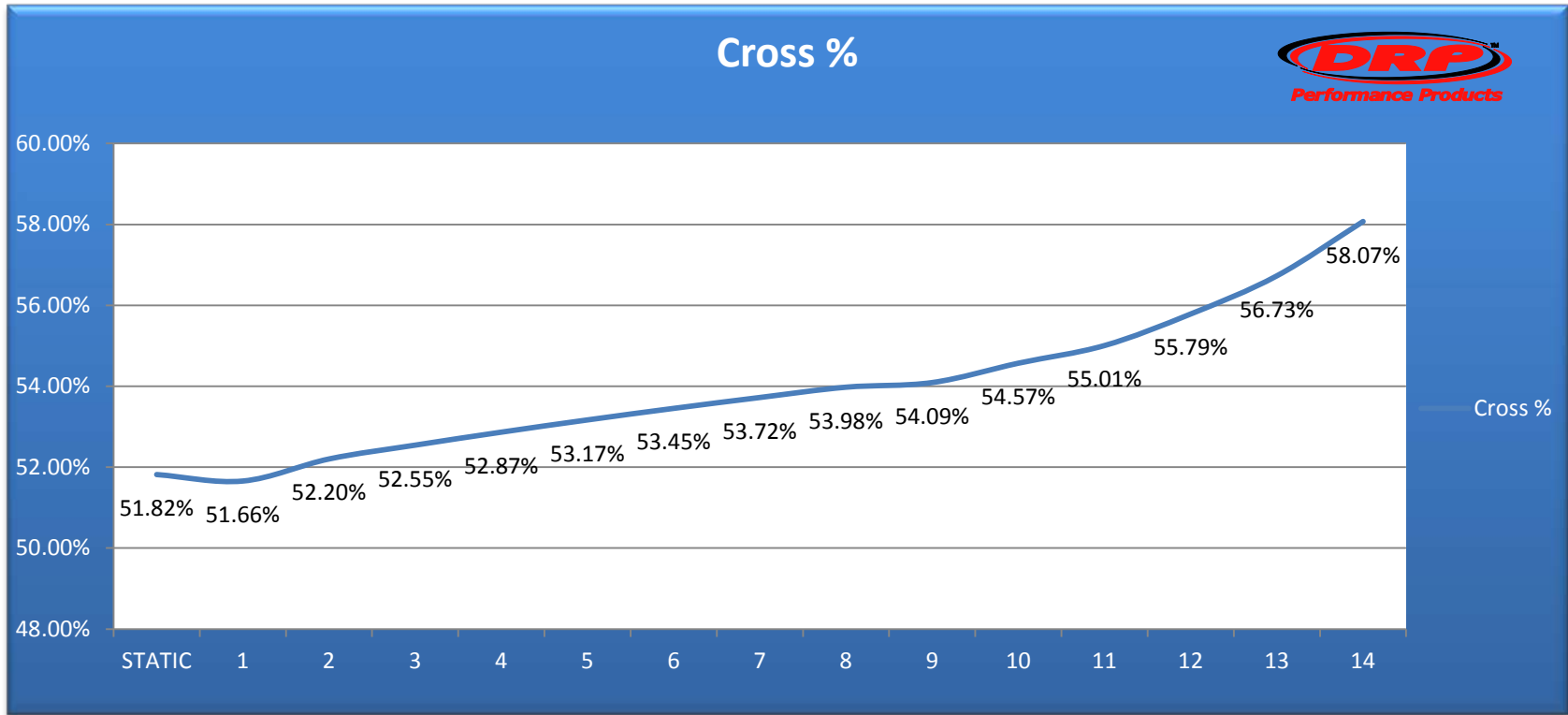


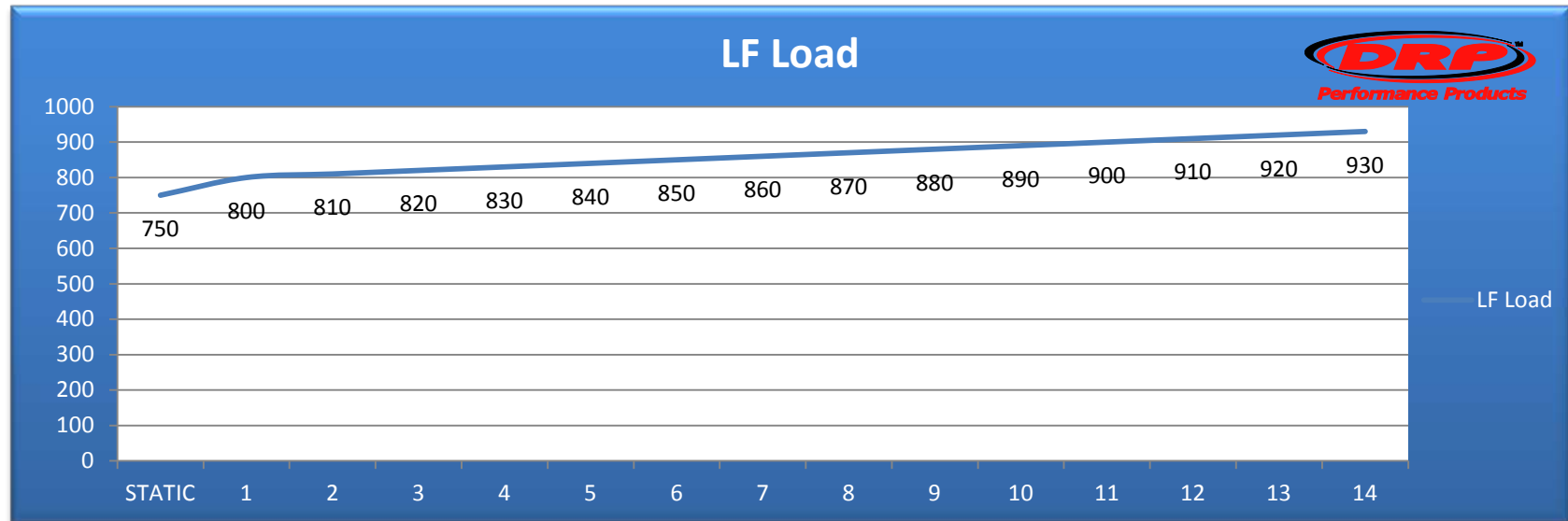
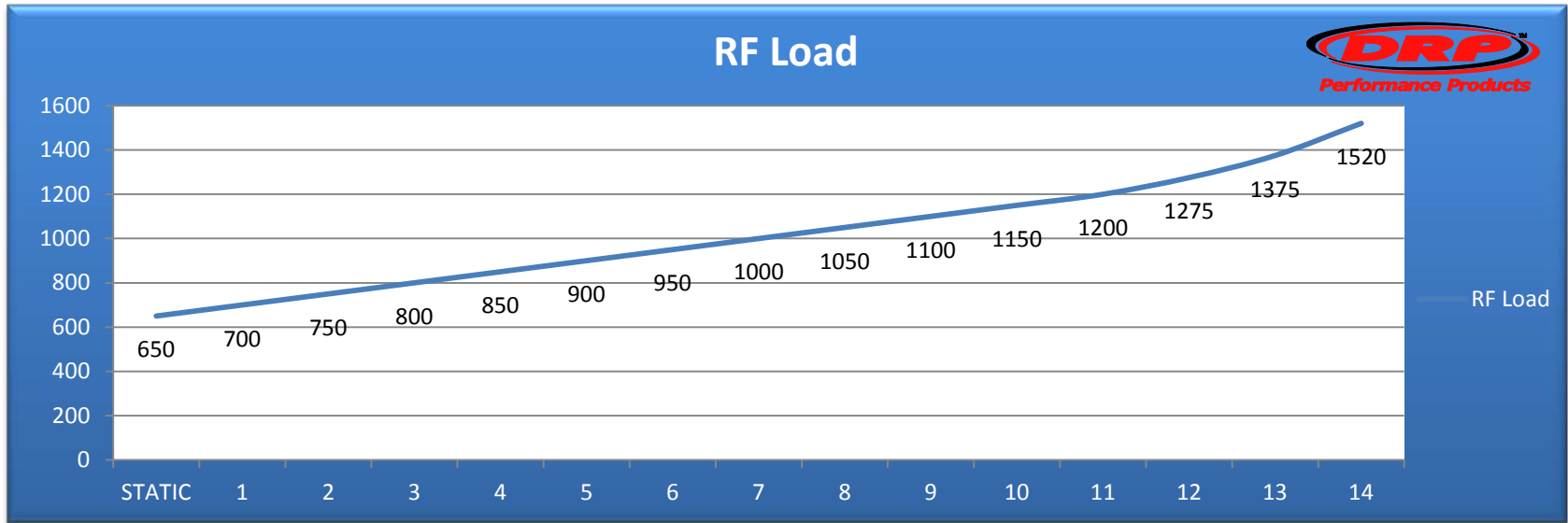


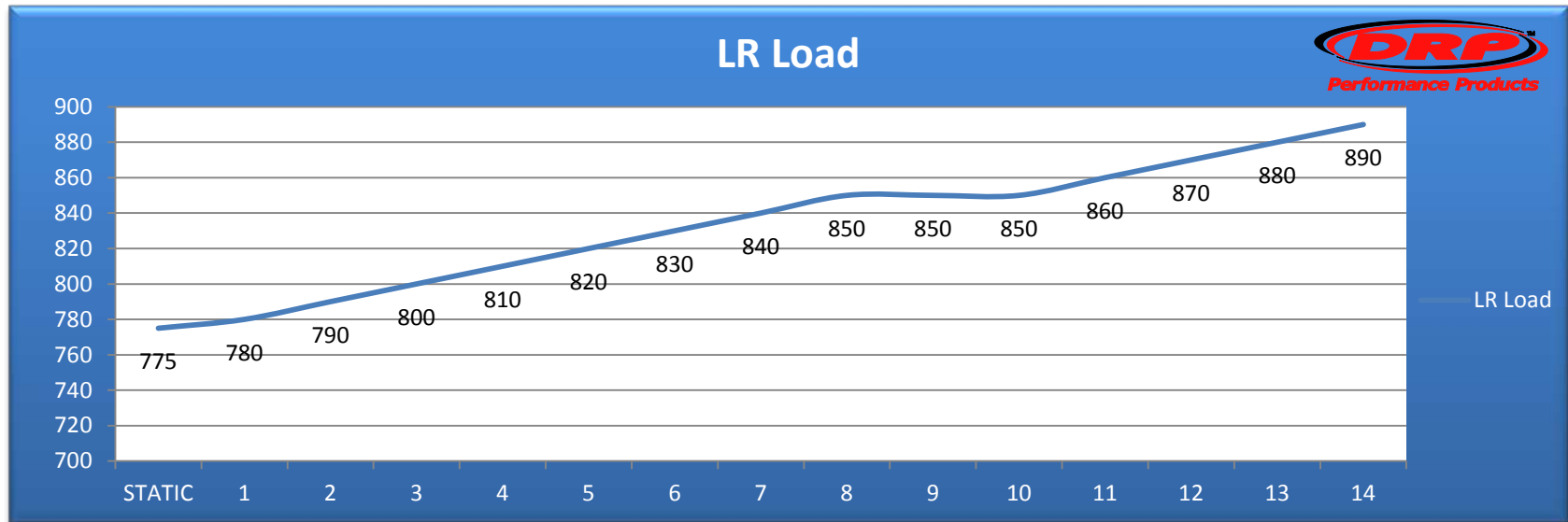
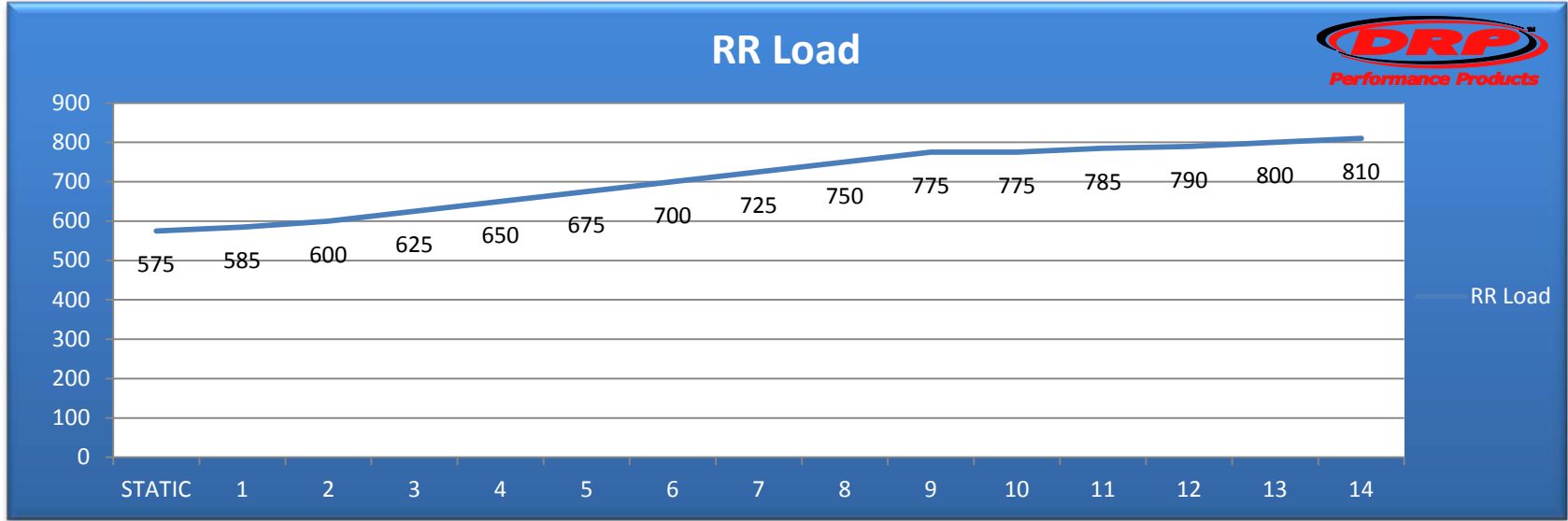


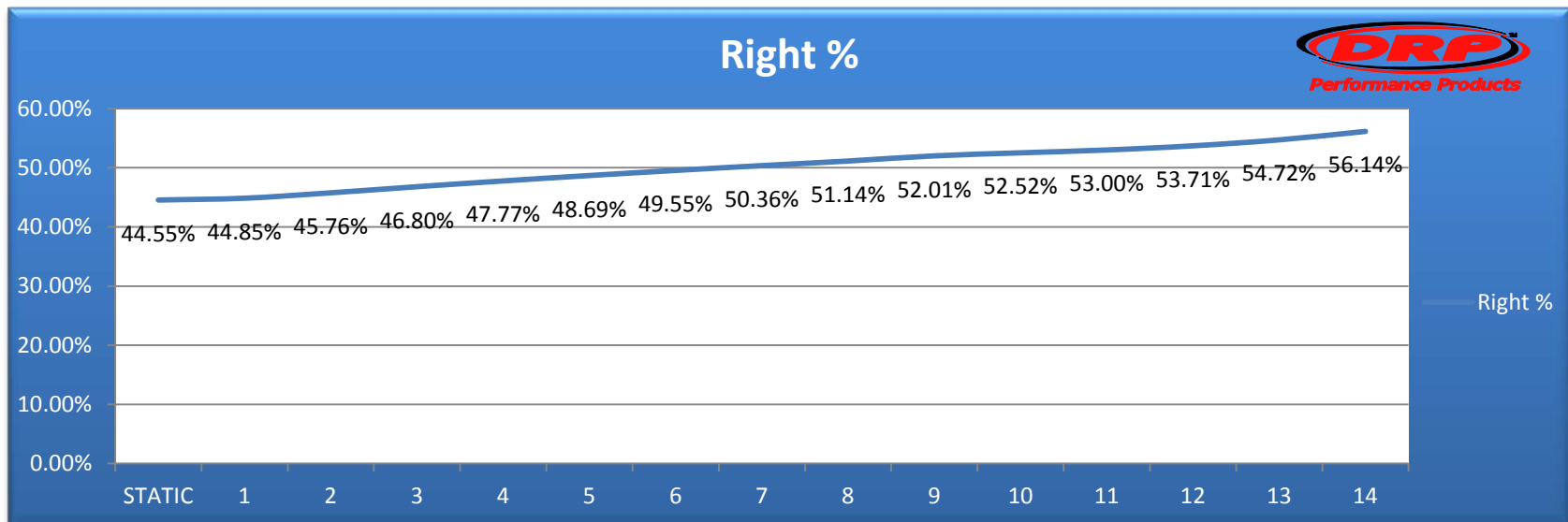
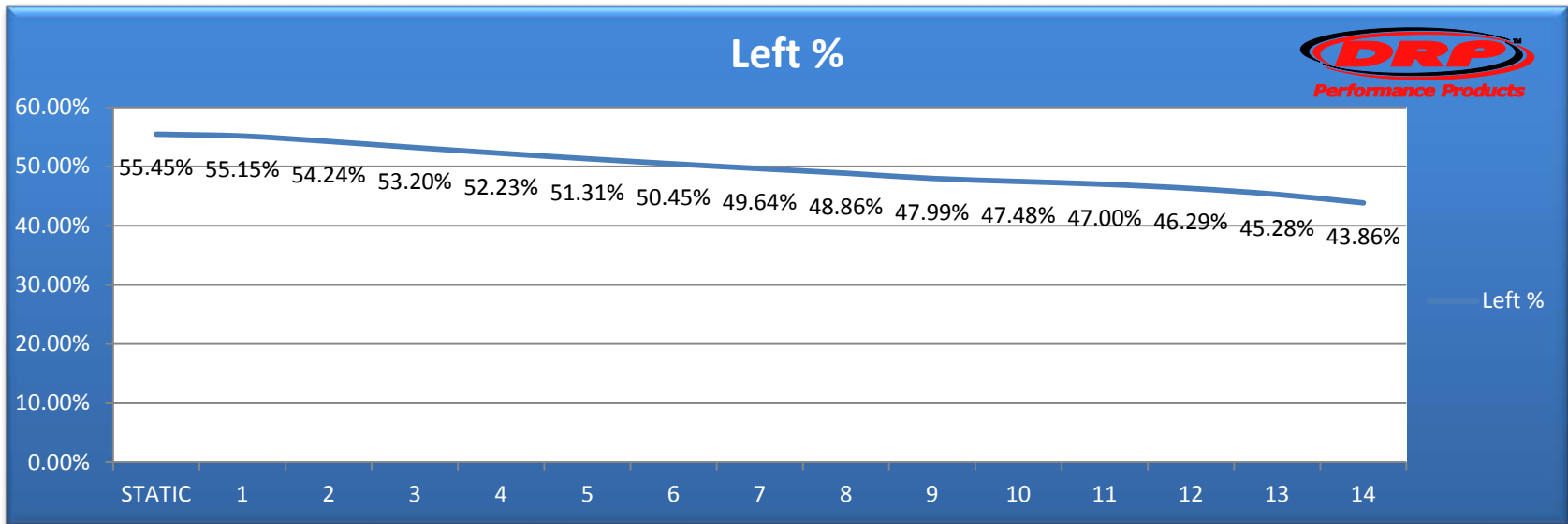
Wheel Loads

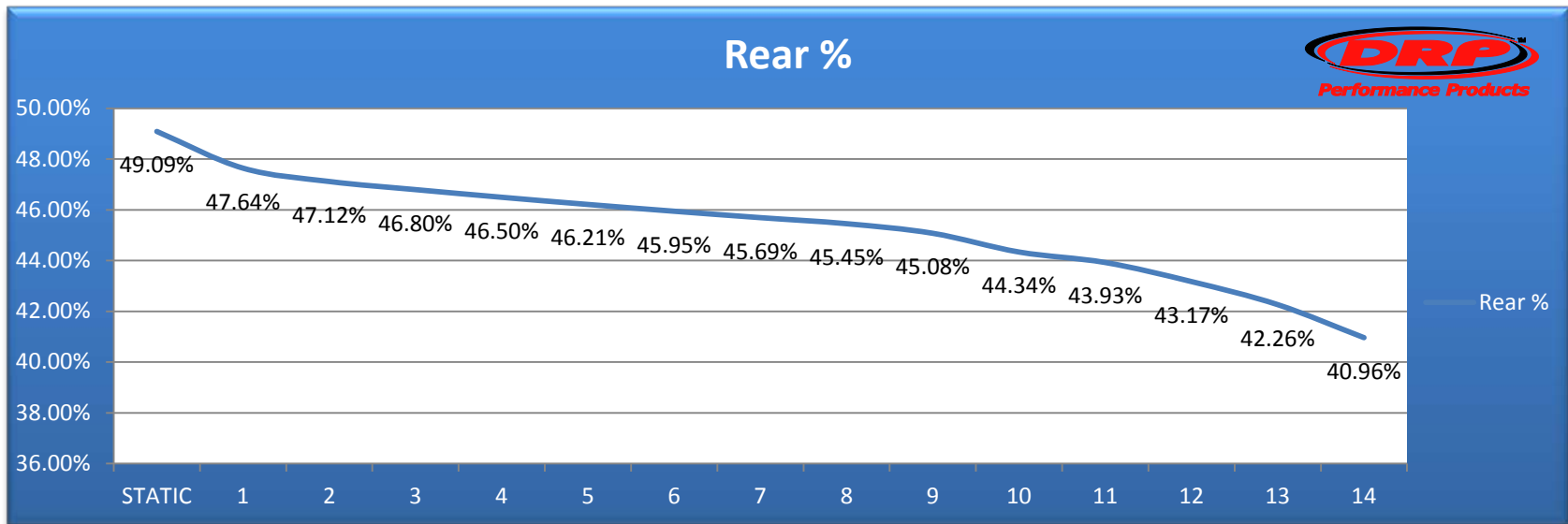
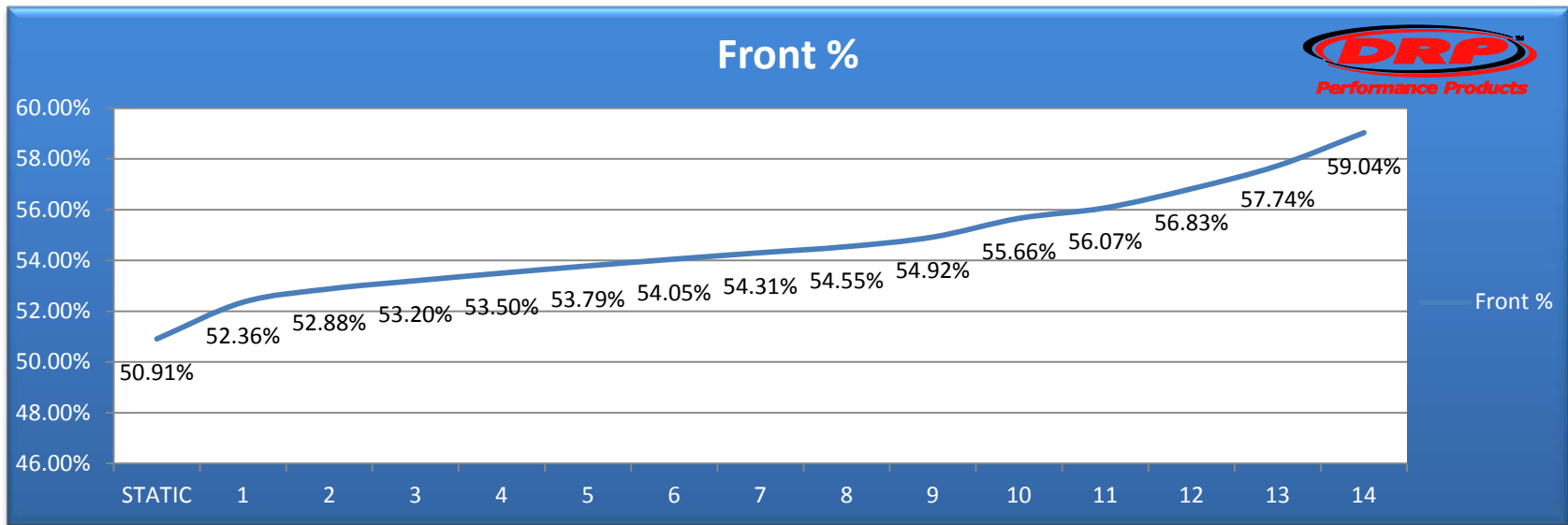








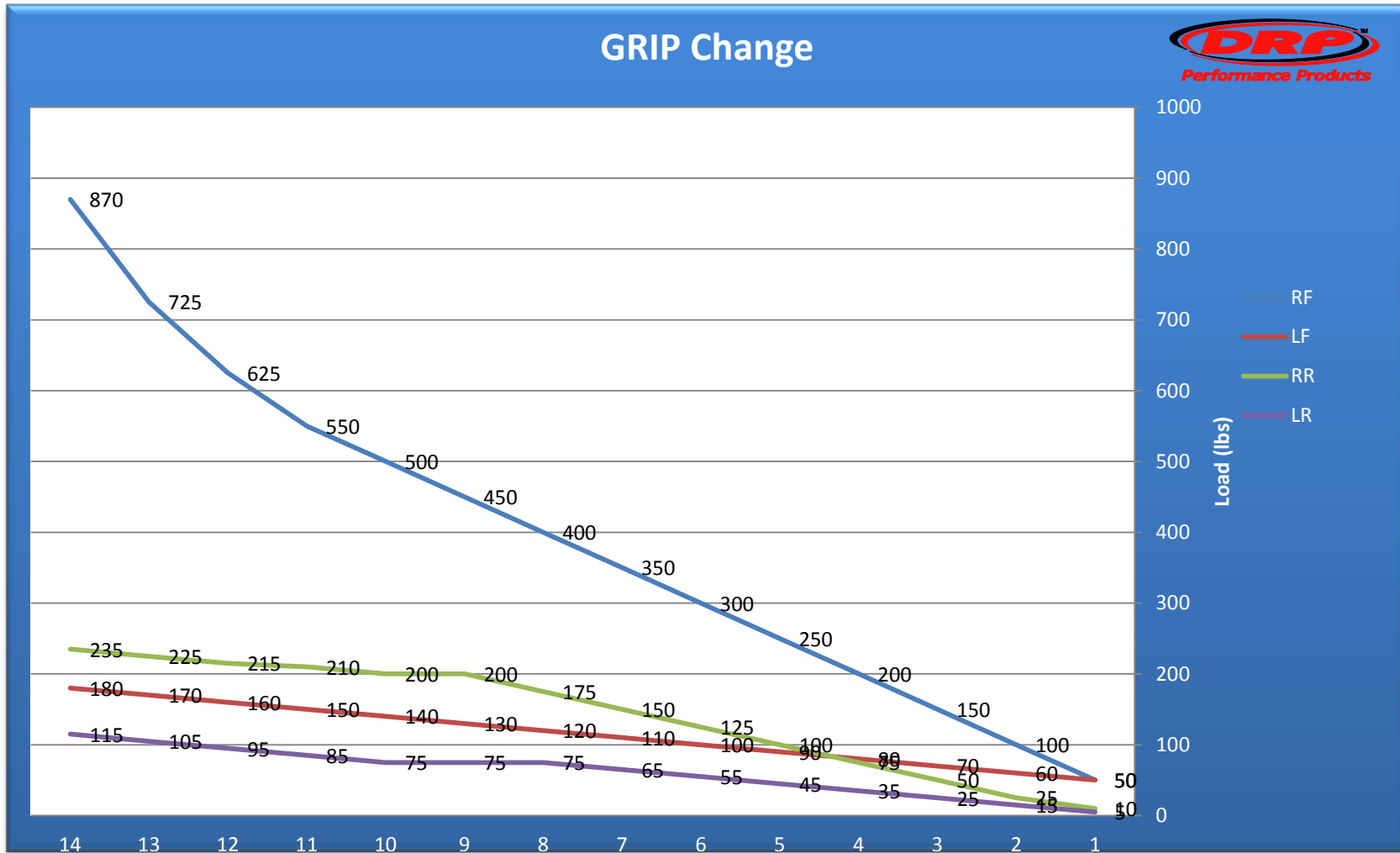






	Wheel Loads				Grip Loads				Grip Calculations									
	RF	LF	RR	LR	RF	LF	RR	LR	Total	Cross %	Left %	Right %	Front %	Rear %	RF%	LF%	RR %	LR %
STATIC	650	750	575	775														
1	700	800	585	780	50	50	10	5	115	47.83%	47.83%	52.17%	86.96%	13.04%	43.48%	43.48%	8.70%	4.35%
2	750	810	600	790	100	60	25	15	200	57.50%	37.50%	62.50%	80.00%	20.00%	50.00%	30.00%	12.50%	7.50%
3	800	820	625	800	150	70	50	25	295	59.32%	32.20%	67.80%	74.58%	25.42%	50.85%	23.73%	16.95%	8.47%
4	850	830	650	810	200	80	75	35	390	60.26%	29.49%	70.51%	71.79%	28.21%	51.28%	20.51%	19.23%	8.97%
5	900	840	675	820	250	90	100	45	485	60.82%	27.84%	72.16%	70.10%	29.90%	51.55%	18.56%	20.62%	9.28%
6	950	850	700	830	300	100	125	55	580	61.21%	26.72%	73.28%	68.97%	31.03%	51.72%	17.24%	21.55%	9.48%
7	1000	860	725	840	350	110	150	65	675	61.48%	25.93%	74.07%	68.15%	31.85%	51.85%	16.30%	22.22%	9.63%
8	1050	870	750	850	400	120	175	75	770	61.69%	25.32%	74.68%	67.53%	32.47%	51.95%	15.58%	22.73%	9.74%
9	1100	880	775	850	450	130	200	75	855	61.40%	23.98%	76.02%	67.84%	32.16%	52.63%	15.20%	23.39%	8.77%
10	1150	890	775	850	500	140	200	75	915	62.84%	23.50%	76.50%	69.95%	30.05%	54.64%	15.30%	21.86%	8.20%
11	1200	900	785	860	550	150	210	85	995	63.82%	23.62%	76.38%	70.35%	29.65%	55.28%	15.08%	21.11%	8.54%
12	1275	910	790	870	625	160	215	95	1095	65.75%	23.29%	76.71%	71.69%	28.31%	57.08%	14.61%	19.63%	8.68%
13	1375	920	800	880	725	170	225	105	1225	67.76%	22.45%	77.55%	73.06%	26.94%	59.18%	13.88%	18.37%	8.57%
14	1520	930	810	890	870	180	235	115	1400	70.36%	21.07%	78.93%	75.00%	25.00%	62.14%	12.86%	16.79%	8.21%

GRIP Change



Grip Cross %

