

MKIV Swaybars

Rate conversion from bar to wheel

Front	Rear	
1.13	2.45	Calculated
1.33	1.86	Measured

Sway bars - Bar Rates

Description	Front (lb/in)	Rear (lb/in)	% OEM-F	% OEM-R	% TRD-F	% TRD-R	
Stock	323	141	0%	0%	-21%	-21%	Tested by Tim @ tipengr.com (bar rate)
TRD	410	179	27%	27%	0%	0%	
TRD Big A	468	216	45%	53%	14%	20%	35.5mm front (hollow), 26mm rear
Dan's big bars (unknown)	625	721	94%	412%	52%	303%	
Titan low	441	150	37%	6%	8%	-16%	
Titan mid	X	187	X	33%	X	5%	
Titan high	517	240	60%	70%	26%	34%	
Tanabe Sustec (front)	289	265	-11%	88%	-30%	48%	Front (TSB012F, 30.4mm), Rear (TSB012R, 22mm)
Whiteline (30mm front)	485	183	50%	30%	18%	2%	Front (BTF67(Z), 30mm), Rear (BTF68(Z), 20mm)

Sway bars - Wheel Rates

Description	Front (lb/in)	Rear (lb/in)	% OEM-F	% OEM-R	% TRD-F	% TRD-R	
Stock	365	345	0%	0%	-21%	-21%	Calculated from Titan values
TRD	464	438	27%	27%	0%	0%	Titan claims TRD bars are 27% stiffer than stock
TRD Big A	529	528	45%	53%	14%	20%	35.5mm front (hollow), 26mm rear
Dan's big bars (unknown)	707	1765	94%	412%	52%	303%	
Titan low	499	367	37%	6%	8%	-16%	TMS lists wheel rate
Titan mid	X	458	X	33%		5%	TMS lists wheel rate
Titan high	584	588	60%	70%	26%	34%	TMS lists wheel rate
Tanabe Sustec (front)	327	648	-11%	88%	-30%	48%	Front (TSB012F, 30.4mm), Rear (TSB012R, 22mm)
Whiteline (30mm front)	548	449	50%	30%	18%	2%	Front (BTF67(Z), 30mm), Rear (BTF68(Z), 20mm)