

SWAYBARS

A swaybar is a part of automobile suspension that helps reduce body roll during fast cornering or over road irregularities. Swaybars help resist the rolling tendency of the unsprung mass without increasing the ride rate of suspension. Whiteline adjustable sway bars offer from 2 to up to 4 points of adjustment allowing in some cases 10 distinct stiffness settings for precise handling bias adjustment.



Adjustable



Increases Chassis Stiffness



Reduce Body Roll



Increases Grip



Balance Oversteer / Understeer



Inspires Confidence

DIAMETER CONVERSION

The chart below is an indicative guide that shows percentage [%] increase in torsion for bars of the same shape, design and material specifications. Choose original bar diameter from left column, then follow across to the right to advertised Whiteline bar size and based on points of adjustment.

**Note:** Data accuracy will vary when comparing tubular/ hollow factory sway bars to Whiteline's solid spring steel sway bars.

Fixed Sway Bar

● Fixed                      Fixed  
16mm factory sway bar to a 20mm Whiteline sway bar equates to a **144%** increase in torsion rigidity.

2 Point Adjustable

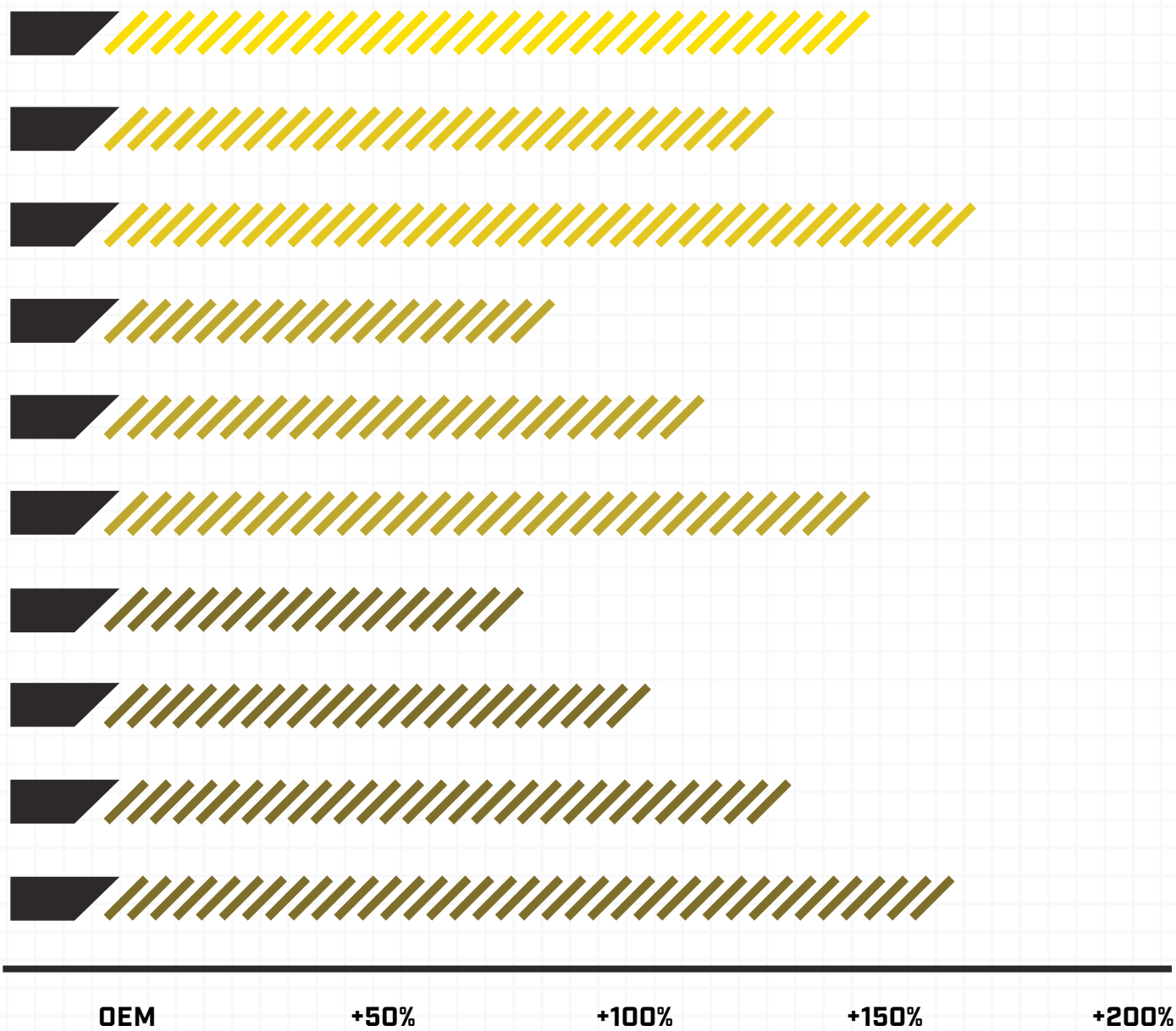
● Soft                      Soft  
● Hard                    +1mm  
18mm factory bar to a Whiteline 22mm 2 point adjustable sway bar results in a **123% & 167%** increase in torsion rigidity.

3 Point Adjustable

● Soft                      -1mm  
● Natural                Natural  
● Hard                    +1mm  
20mm factory bar to a Whiteline 24mm 3 point adjustable sway bar results in a **75%, 107% & 144%** increase in torsion rigidity.

4 Point Adjustable

● Soft                      -1mm  
● Natural                Natural  
● Medium                +1mm  
● Hard                    +2mm  
22mm factory bar to a Whiteline 26mm 4 point adjustable sway bar results in a **67%, 95%, 127% & 162%** increase in torsion rigidity.



OEM		WHITELINE													
MM	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
14	+71%	+117%	+173%	+239%	+316%	+406%	+510%	+628%	+764%	+917%					
15	+29%	+65%	+107%	+157%	+216%	+284%	+636%	+453%	+555%	+672%	+803%	+905%			
16		+27	+60%	+99%	+144%	+197%	+257%	+327%	+406%	+496%	+597%	+711%	+838%	+979%	
17			+26%	+56%	+92%	+133%	+180%	+235%	+297%	+368%	+447%	+536%	+636%	+747%	+870%
18				+24%	+52%	+85%	+123%	+167%	+216%	+272%	+335%	+406%	+486%	+574%	+672%
19					+23%	+49%	+80%	+115%	+155%	+200%	+251%	+308%	+372%	+443%	+522%
20						+22%	+46%	+75%	+107%	+144%	+186%	+232%	+284%	+342%	+406%
21							+20%	+44%	+71%	+101%	+135%	+173%	+216%	+264%	+316%
22								+19%	+42%	+67%	+95%	+127%	+162%	+202%	+246%
23									+19%	+40%	+63%	+90%	+120%	+153%	+189%
24										+18%	+38%	+60%	+85%	+113%	+144%
25											+17%	+36%	+57%	+81%	+107%
26												+16%	+35%	+55%	+77%
27													+16%	+33%	+52%
28														+15%	+32%