

# Miata Sway Bar Application Guide

The following is a complete guide to the Racing Beat Sway Bar product line. All of our sway bars are engineered and designed by Racing Beat for specific Miata applications. We have designed this guide to inform you of the many different sway bar and accessory combinations possible for the Miata. Use this guide as your resource for choosing a suspension package that best suits your driving requirements. Our recommended applications are highlighted in the following table.

## Front Sway Bars

	<b>STOCK</b> 1990-97 - 6 Lbs. 1999+ - 8 Lbs.	<b>RACING BEAT SOLID BAR</b> 1990-93 .93" OD Weight: 10 Lbs. Part No. 54100	<b>RACING BEAT SOLID BAR</b> 1994-97 .93" OD Weight: 10 Lbs. Part No. 54102	<b>RACING BEAT TUBULAR BAR</b> 1990-93 1 1/8" OD X 1/8" Wall Weight: 5.5 Lbs. Part No. 54104	<b>RACING BEAT TUBULAR BAR</b> 1994-97 1 1/8" OD X 1/8" Wall Weight: 5.5 Lbs. Part No. 54105	<b>RACING BEAT TUBULAR BAR</b> 1999+ 1 1/8" OD X 3/16" Wall Weight: 8.5 Lbs. Part No. 54103
<b>1990-93</b>	.75" diameter  Can use HD Links (Part No. 54200) and/or Sway Bar Brace Kit (Part No. 54120 or 54121).	<b>Recommended Bar</b> Can use stock or HD Links (Part No. 54200), Sway Bar Brace Kit (Part No. 54120 or 54121), and HD Mounting Bracket (Part No. 54110).  2.3 times stronger than stock bar	Not Applicable	<b>Recommended Bar</b> Sway Bar Brace Kit (Part No. 54120 or 54121) recommended.  May use stock or HD Links (Part No. 54200) and/or HD Mounting Bracket (Part No. 54110).  1.3 times stronger than RB solid bar	Not Applicable	<b>Not Highly Recommended-</b> Bar ends are configured for 99+. Must use "shorter" mounting hole.  Sway Bar Brace Kit (Part No. 54120 or 54121) recommended. Must use HD Links (Part No. 54200).  1.7 times stronger than RB solid bar
<b>1994-97</b>	.75" diameter  Can use HD Link Kit (Part No. 54200) and/or Sway Bar Brace Kit (Part No. 54120 or 54121).	Not Applicable	<b>Recommended Bar</b> Can use stock or HD Links (Part No. 54200), Sway Bar Brace Kit (Part No. 54120 or 54121), and HD Mounting Bracket (Part No. 54110).  2.3 times stronger than stock bar	Not Applicable	<b>Recommended Bar</b> Sway Bar Brace Kit (Part No. 54120 or 54121), recommended.  May use stock or HD Links (Part No. 54200) and/or HD Mounting Bracket (Part No. 54110).  1.3 times stronger than RB solid bar	<b>Not Highly Recommended-</b> Bar ends are configured for 99+. Must use "longer" mounting hole.  Sway Bar Brace Kit (Part No. 54120 or 54121) recommended. Must use HD Links (Part No. 54200).  1.7 times stronger than RB tubular bar
<b>1999+</b>	.875" diameter  Can use HD Links (Part No. 54201), Sway Bar Brace Kit (Part No. 54120 or 54121) and/or Flange Reinforcement Kit (Part No. 54111).	Not Applicable	<b>Not Recommended</b> This bar can be used but must use HD End Links (Part No. 54201).  Sway Bar Brace Kit (Part No. 54120 or 54121), Flange Reinforcement Kit (Part No. 54111) recommended.  1.3 times stronger than stock bar	Not Applicable	<b>Not Recommended</b> Use 3/16" wall tubular bar for this application. (Part No. 54103) This bar will fit this application but we recommend the use of the stronger bar.	<b>Recommended Bar</b> Recommend use of HD Links (Part No. 54201), Sway Bar Brace Kit (Part No. 54120) and Flange Reinforcement Kit (Part No. 54111). Stock links can be used but not recommended.  2.2 times stronger than RB solid bar

## Rear Sway Bar

Part No. 54101

The Racing Beat Rear Sway Bar may be used on ALL 1990-99+ Miatas. This sway bar is 5/8" in diameter and weighs just 3.5 lbs. This bar is calculated to be 3.9 times stronger than the 11mm (7/16") stock bar. This bar can be used with the stock end links or with our Heavy Duty Sway Bar End Link Kit (Part No. 54200).