APR Roll Control Sway Bar User Guide

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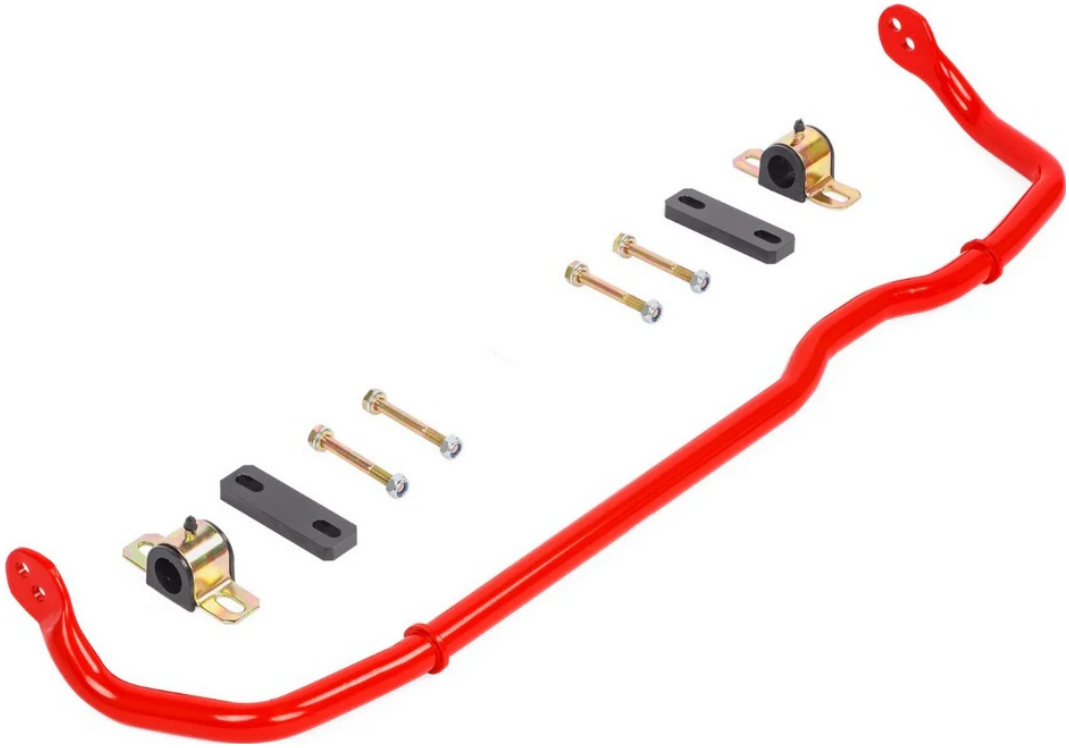


Product Information

Specifications

- Product Name: APR Sway Bar
- Function: Alters vehicle oversteer or understeer
- Spring Rate: Increased over-stock bars
- Adjustment: Multiple adjustment points

Product Usage Instructions

Oversteer vs. Understeer

Oversteer occurs when the rear tires lose grip, causing the vehicle to turn more sharply than intended. Understeer, on the other hand, happens when the front tires lose grip, leading to the vehicle not turning enough.

Front vs Rear Sway Bars

APR Sway Bars with increased spring rates over stock bars will impact oversteer and understeer characteristics differently. Front sway bars can affect understeer, while rear sway bars can influence oversteer.

Tuning the Sway Bars

Many APR sway bars offer multiple adjustment points to fine-tune the handling characteristics of your vehicle. Experiment with different settings to achieve the desired balance between oversteer and understeer.

APR Sway Bar Guide

- APR Sway Bars alter how much a vehicle will oversteer or understeer. This is a general guide that will help you understand how each bar will impact oversteer and understeer characteristics.

- **Oversteer vs. Understeer**
- Understeer: The car doesn't turn as much as you want. You turn the wheel, but the front tires lose grip, and the car keeps going straight. It feels like the car is "pushing" through a turn.
- Oversteer: The car turns more than you want. The rear tires lose grip, causing the back of the car to swing out. It feels like the car is "spinning out."
- In short, understeer happens when the front tires lose grip, and oversteer happens when the rear tires lose grip.

Front vs rear Sway Bars

- APR sway bars have an increased spring rate over the stock bars and will have the following general impact.
- Front Sway Bar: Increases oversteer.
- Rear Sway Bar: Increases understeer.

Tuning the Sway Bars

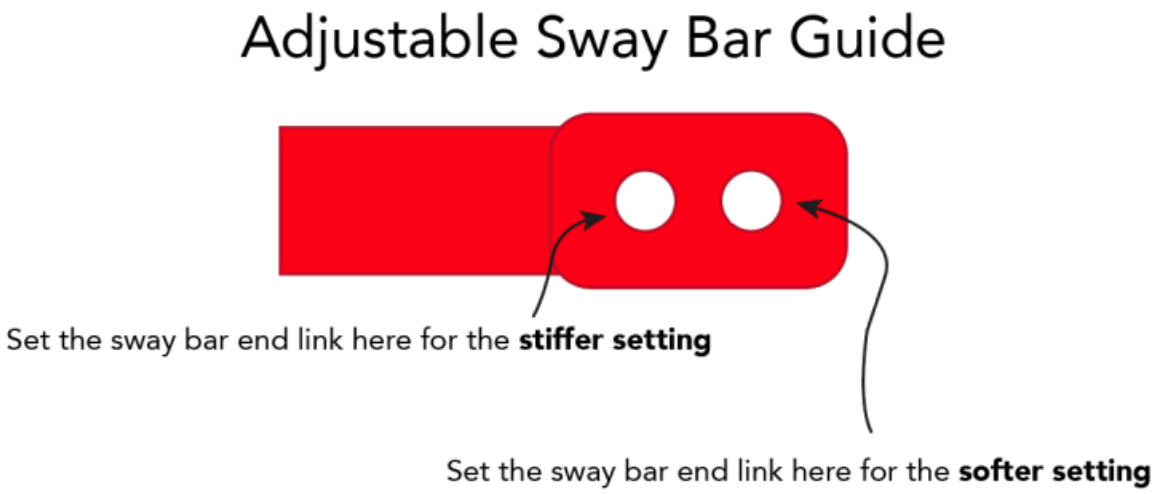
- Many bars have multiple adjustment points.

Front Sway Bar

- **Inside Hole**: StiHer setting – Increases understeer more.
- **Outside Hole**: Softer setting – Increases understeer less.

Rear Sway Bar

- Inside Hole: StiHer setting – Increases oversteer more.
- Outside Hole: Softer setting – Increases oversteer less.



FAQs

Q: How do I know which sway bar setting is right for my vehicle?

A: Start with the manufacturer's recommended settings and adjust based on your driving preferences and the

handling behavior you want to achieve.

Q: Can APR sway bars be installed on any vehicle?

A: APR sway bars are designed for specific makes and models. Ensure that you select the correct sway bar kit that matches your vehicle for proper fitment and performance.

Documents / Resources

	APR Roll Control Sway Bar [pdf] User Guide Roll Control Sway Bar, Sway Bar

References

- User Manual