

Revo Sway Bar Installation Instructions

Covers Part #5498



Tools Needed

- 1.5mm hex wrench
- 2mm hex wrench
- 2.5mm hex wrench
- 8mm nut driver
- Safety glasses
- Power drill or rotary tool

Note: This sway bar kit requires relocation of the stock rear bumper. Traxxas Wing Mount #5411 and Wing (#5412, 5446, or 5446G) are required to relocate the bumper and allow interference free rear sway bar operation.

Front Sway Bar Installation

1. Locate front sway bar (black or silver, see *Adjustment* for more), front sway bar mount, 3x23mm button-head cap screws, 3x8mm button-head cap screw, 3x4mm set screws and front (long) linkages.

2. Insert sway bar into sway bar mount

groove and press sway bar mount onto shock mount as shown (A). Secure the mount using the supplied 3x8mm button-head cap screw (B).

3. Remove the two 3x15mm button-head cap screws that connect the shocks to the rockers.

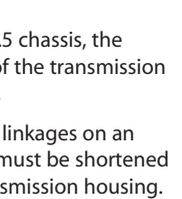
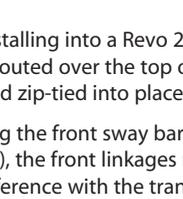
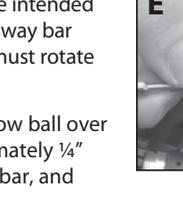
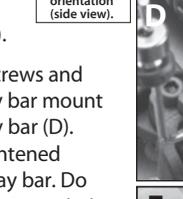
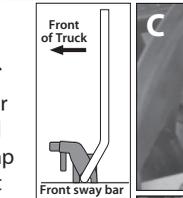
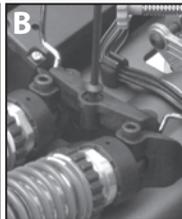
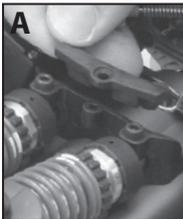
4. Locate the front sway bar links. Screw the included 3x23mm button-head cap screws through the front hollow ball inserts, each shock and rocker arm (C).

5. Locate two 3x4mm set screws and insert them into the sway bar mount holes to contact the sway bar (D). The screws should be tightened until they contact the sway bar. Do not over tighten! They are intended to take "play" out of the sway bar assembly. The sway bar must rotate freely and not bind.

6. Slide the adjustable hollow ball over the sway bar to approximately 1/4" from the tip of the sway bar, and tighten the set screw (E).

Revo 2.5 Chassis Note: If installing into a Revo 2.5 chassis, the servo wires will need to be routed over the top of the transmission away from the brake disc and zip-tied into place.

E-Revo Note: When installing the front sway bar linkages on an E-Revo (Model 5605 or 5608), the front linkages must be shortened completely to prevent interference with the transmission housing. Tighten the front linkages until the rod ends "bottom out" to achieve the proper length for E-Revo.



Rear Sway Bar Installation

1. Locate the rear sway bar, rear sway bar mount, 6x10mm washer, 3x20mm button-head cap screws, rear linkages, drill guide and 2.5mm drill bit.

2. Remove the tuned pipe and header, and rear bumper assembly to gain access to the rear rockers and allow installation of the rear sway bar.

3. Remove the 3x15mm button-head cap screws from the bulkhead tie bars (F). Insert sway bar into sway bar mount and attach to the bulkhead tie bar using the included 3x20mm button-head cap screws (G).

4. Remove the two 3x15mm and one 4x6mm button-head cap screws from each rear rocker arm, and remove the rocker (H).

5. Remove the rear rocker posts (I) and install one 6x10x2mm washer onto each rocker post, thread side (J). Reinstall the posts.

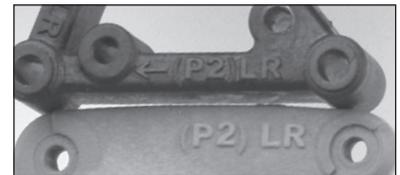
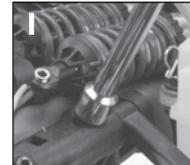
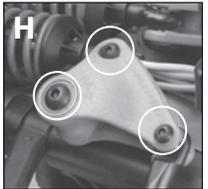
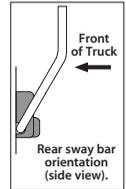
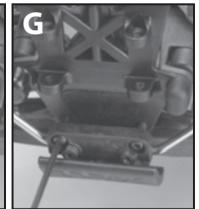
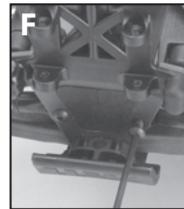
Drilling the lower rear rockers

It is important that the lower rockers be properly drilled. Do not drill the top rocker halves. The included drill guide is compatible with Traxxas P1, P2 and P3 progressive rockers. Simply line up the letters on the drill guide with the letters on each lower rocker half to determine the drilling location (indicated by the arrow next to the letters). This is very important, see image above (image shows P2 rocker).

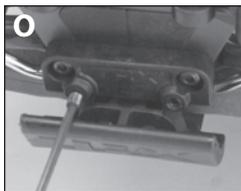
6. Separate the rocker arm tops from the bottoms. Secure the drill guide onto the inside of the left lower rocker using two 3x15mm button-head cap screws (K), and drill a hole through the lower rocker half using the included 2.5mm drill bit (L). Repeat this process for the right lower rocker.

7. With the holes drilled, install the ball stud of each link onto the outside (underside) of each bottom rocker using a 2.5mm hex wrench (M).

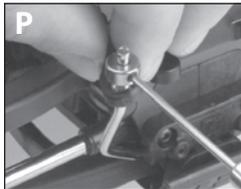
8. Reinstall the modified rear rockers with sway bar links onto the rocker posts and secure them by reinstalling the 3x15mm and 4x6mm button-head cap screws (N).



9. Locate two 3x4mm set screws and insert them into the rear sway bar mount holes to contact the sway bar (O). The screws should be tightened until they contact the sway bar. Do not over tighten! They are intended to take "play" out of the sway bar assembly. The sway bar must rotate freely and not bind.



10. Insert the link's adjustable hollow balls onto the rear sway bar and tighten the set screws in the desired position (P). **Adjustment Note:** Each link must clear both the chassis and the rocker through the complete suspension level.



11. Reinstall the tuned pipe and header, and adjust the sway bars for overall smooth operation.

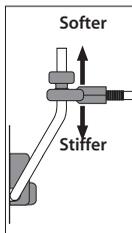
12. **Note:** From this point it is required that the Traxxas #5411 wing mount be installed in order to relocate the rear bumper and allow interference free operation of the rear sway bar. Refer to the directions included with the Traxxas wing mount kit for further instruction.

Recommended Settings and Adjustments

- The sway bar set includes two different front and rear sway bars. The thicker of the two (black) is stiffer and will further reduce body roll in cornering.



- Adjust the sway bar links so the sway bars are almost vertical while the truck is on the ground and the suspension is at rest (normal ride height). This allows equal sway bar travel in both unloaded and loaded suspension conditions. Always adjust the left and right sway bar links equally to prevent suspension tweak.



- The Adjustable hollow balls can be raised or lowered closer to or further from the sway bar mount (pivot point) to increase torsion response and fine tune the sway bar's response for different track conditions. Closer to the pivot point results in a stiffer setup, further from the pivot point will result in softer sway bar response.

For smooth surfaces with high traction:

- Use **black** front and rear sway bars. Adjust linkage placement for **stiffer** response (lower on sway bar).

For rough surfaces with low traction:

- Use **silver** front and rear sway bars. Adjust linkage placement for **softer** response (higher on sway bar).

To reduce understeer (pushing in corners):

- Use **silver** front sway bar. Adjust front linkage placement for **softer** response (higher on sway bar).
- Use **black** rear sway bars. Adjust linkage placement for **stiffer** response (lower on sway bar).

To reduce oversteer (loose in corners):

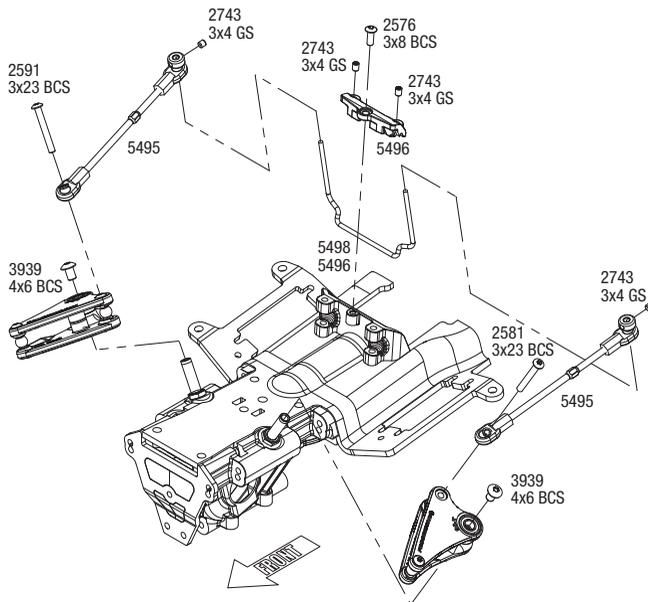
- Use **black** front sway bars. Adjust linkage placement for **stiffer** response (lower on sway bar).
- Use **silver** rear sway bar. Adjust front linkage placement for **softer** response (higher on sway bar).

If you have questions or need technical assistance, call Traxxas at

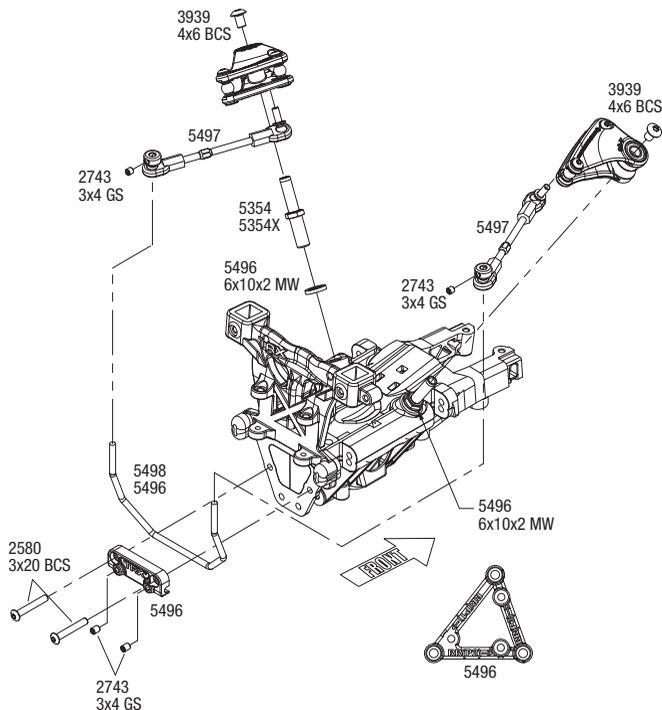
1-888-TRAXXAS

(1-888-872-9927) (U.S. residents only)

Front Sway Bar Assembly



Rear Sway Bar Assembly



5495	Linkage, front sway bar (Revo) (3x70mm turnbuckle) (2) (assembled with rod ends, hollow balls and ball stud)	12.00
5496	Sway bar mounts (front & rear) (Revo)/ sway bar wires (front & rear) (4)/ drill guide/ spacers	10.00
5497	Linkage, rear sway bar (Revo) (3x50mm turnbuckle) (2) (assembled with rod ends, hollow balls and ball stud)	12.00
5498	Sway bar Kit, Revo (front and rear) (includes thick and thin sway bars and adjustable linkage)	30.00