

Thanks to Jason Stoyles from TiffinRVNetwork for this Tech Tip.

## Tiffin Allegro Schwintek Slide Motor Replacement

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Procedure I used to replace Schwintek motor in a 2014 Tiffin Allegro 35QBA. **Use at your own risk. I am not a professional.** Total time: 1.5 hours

1. Once you have determined the slide motor is problematic, find the controller and ensure you follow the instructions on the controller to determine which motor it is.



2. Once you know which motor it is you are going to have to get the slide out far enough to work on the replacement.
3. Press down on the internal controller button 6 times and then hold on the 7<sup>th</sup> to put the controller in manual override. The lights will start to flash rapidly.
4. Go inside and extend the slide using the extend button. I pushed on the side where my motor was bad and got it out about half way.
5. Next unplug the controller connections to the motor. I unplugged both.



6. Outside you will need to unscrew the trim piece that covers the rubber area and the set screw for the motor.



7. Tiffin does a great job with their caulking/sealant so you can just let the trim piece hang on and use a wedge to open your work area to get at the set screw. No need to re-caulk.



8. With the trim piece open, remove the set screw from the area shown below. The picture shows the top of the slide. The set screw keeps the motor in place.



9. Go back into the coach and remove the rubber and plastic stripping that covers the motor wire and hides the motor. You'll need to unplug the motor from the wire here and then pop up the motor and then pull it out.



10. Get your new motor. Because your old motor was turned to a specific point when you took it out, you may need to manually turn the motor gear on the bottom so the new motor will “fall” into place. You will need a wrench and some strength to do this.



11. You will notice that the position that you took the motor out will need to be the same way it goes in. The new replacement motors seem much better. The soldering on my original motor was flimsy and the broke away causing the issue. I am going to re-solder and keep as a backup.
12. Plug in the power to the new motor, replace the plastic/rubber trim on the inside and go outside.
13. Plug the power back into the controller.
14. Screw in the set screw.
15. Screw back in the trim pieces.
16. Go back into the coach and extend the slide all the way. I believe it is recommended by Schwintek/Lippert to extend and retract the slide 3 times to sync the slide motors.