



WIELAND MOTION
A DIVISION OF WIELAND DESIGNS, INC.

Infinity High Back and Midback Helm Chair Gas Spring Troubleshooting

This document will help you adjust the Gas Spring on your Infinity High and Midback Helm Chair.

Tools needed:

1. Impact Driver
2. 17mm Open Wrench.
3. #3 Phillips Bit.
4. Blue Loctite/Thread Locker.
5. 3"-4" Rubber Cover.

This troubleshooting guide will also work on any chairs that have the bolster option.

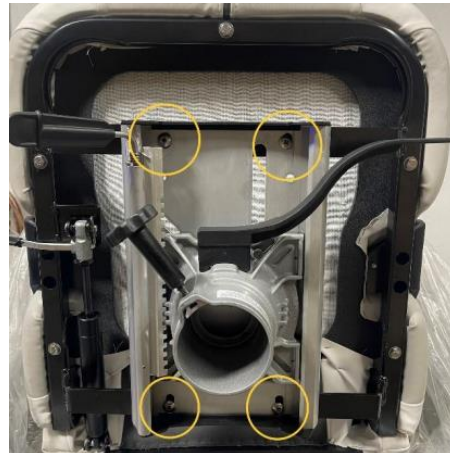




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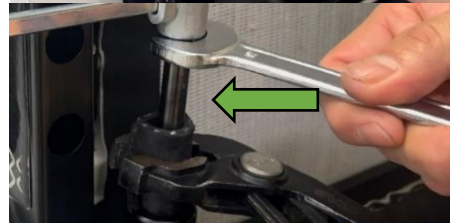
1. If your chair has the slider on, lay the unit on its back to expose the bolts holding the slider and seat in place. Remove the (4) ¼"-20 X ¾ PH Truss MS SS Low Contour screws (017358) to detach the slider. Once this is done, you will have better access to work with the gas spring.



2. Once the slider has been detached, the gas spring should be easy to access for adjustment. **It is very important** to have a protective rubber cover on the gas spring when adjusting. Failure to do so may cause debris to enter the gas spring and prevent it from working properly.



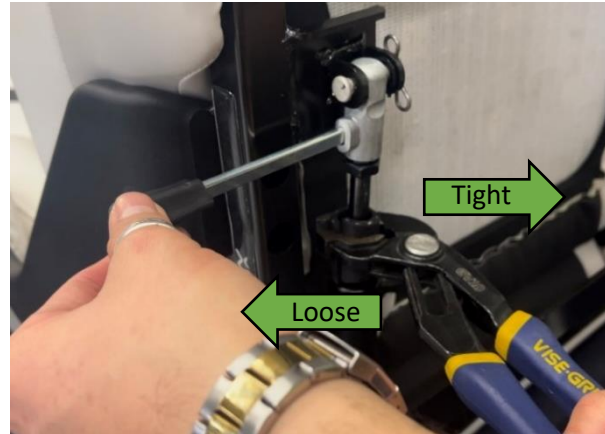
3. While you hold the gas spring in place with vice grips, loosen the nut that sits against the release head with a 17mm wrench.





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4. By turning the cylinder, you can adjust the release lever, as necessary. If it needs to be tighter it should be turned to the right, or to the left to make it loose. Make sure to not overtighten it.



5. Apply **blue thread locker** on threads of the gas spring and tighten the nut against the release head while holding the gas spring in place with vice grips to prevent the lever from coming loose again.



6. Test the chair to make sure the recline mechanism is working correctly before reinstallation of the slider.

7. If unit is working properly, reattach the slider by following the instructions in step 1 in reverse order. Make sure all bolts and washers are in place.

