



## Adjustable Air Ride 2019 Ram Raise/Lift Instructions

**IMPORTANT! PLEASE READ ALL INSTRUCTIONS FIRST! If in doubt, please contact our sales department before installation. If you feel you lack the necessary skills please have your links installed by a professional mechanic. Revel Performance or it's suppliers will not be held liable for any loss or injury due to improper installation.**

**FOR YOUR SAFETY** Adjustable sensor links are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Revel Performance Inc. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices. You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

**Make sure the key is out of the ignition and no power is on and the truck is in normal ride height.**

### **Front:**

1. Look straight inside the wheel well & you will see the factory ride height sensor Link.
2. Simply twist off carefully from sensor arm and from frame to remove/pull the factory Link off.
3. Connect one end the Adjustable link to the sensor arm and the other end to the frame.
4. **Shortening** the Link from the factory length will raise the vehicle. You must start with the adjustable link set as close as possible to the stock link length. Shorten by three turns on each side, drive the truck a short distance to get the suspension use to the new setting and repeat until it's sitting how you like it. Note that each 5mm variance from stock will adjust the vehicle approx.  $\frac{3}{4}$  - 1" or 3 turns is about a  $\frac{1}{4}$  inch in height.

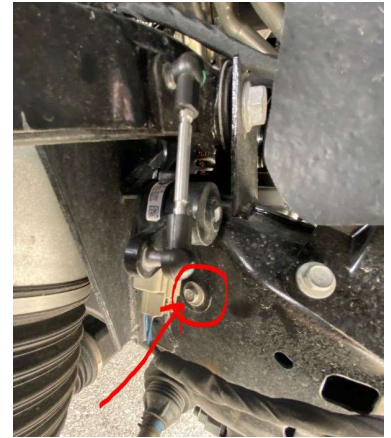
### **Rear:**

1. The rear link is connected right in front of the rear tires.
2. Remove the rear the same way as the front.
3. Connect one end the Adjustable link to the sensor and the other end to the frame.
4. **Lengthening** the Link from the factory length will raise the vehicle. Follow a similar process as the front except in the opposite direction.

### **Common Issues:**

1. The OR1 and/or OR2 positions may produce air system warnings depending on how high you set the new "normal" ride height. It is recommended not to use those positions if setting your normal ride height to be the stock OR1 or OR2 positions. Depending how high you make the vehicle a wheel alignment may be required to reduce tire wear.
2. Each coupler must be securely fastened to the corresponding ball joint. When securing to the sensor arm support the rear of the connection point with your hand to prevent damage to the factory sensor. To assist with installation a small squirt of Silicone spray can be used. Avoid the use of oil-based products as it may damage the rubber couplers.

3. Should the front links appear to not align properly with an angle on the ball joints some adjustment can be made by loosening the factory 10 mm bolt that holds the sensor assembly onto the truck. The alignment can be slightly adjusted one way or the other to make the coupler attachment point angle closer to 90 degrees. Once adjusted simply retighten the bolt, see highlighted image.



4. The following images shows pre and post installation of the Revel adjustable links

Front Stock Link



Rear Stock Link



Front Revel Link



Rear Revel Link



Always looking to add more pictures of vehicles to our blog and social media.  
If you would like yours on there, send them to [sales@revelperformance.com](mailto:sales@revelperformance.com)

Thank you for your purchase. If you have any questions please don't hesitate to ask anytime via phone or Email.

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