



## Revel Advanced Lift Installation 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 kit installed by a professional mechanic. Revel Performance Inc. or it's suppliers will not be held liable for any loss or injury due to improper installation.

**FOR YOUR SAFETY** The Revel Advanced Lift kit is 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.

### Revel Advanced Lift Component List

Description	Quantity
Daystar Spacer Kit KC09113BK	1
Upper Control Arm (Driver)	1
Upper Control Arm (Passenger)	1
Ball Joint Nut Spacer & Cotter Pin	2
Adjustable Links (Front)	2
Adjustable Links (Rear) <sup>1</sup>	2

**Daystar Spacers Part# KC09113BK can only be used on an air ride RAM when used in combination with the Revel front levelling adjustable sensor links.**

- Install the Daystar spacers following the instructions provided by Daystar. No changes to the installation of the Daystar spacers are needed, refer to tips on page 2. Daystar spacers **cannot** be installed on your truck without the Revel adjustable sensor links. Following the installation of the Daystar Spacers you need to swap the factory sensor links with our adjustable links. Pre-set the adjustable sensor links as follows:

**4<sup>th</sup> gen Trucks:** approx. ½" shorter than the stock links

**5<sup>th</sup> gen Trucks:** approx. 2.5" measured coupler to coupler

<sup>1</sup> Only if purchased with the kit.



Picture #1

#### Installation Tips:

- Place truck in “Transport Mode” by selection from the EVIC
- Remove the electronic Steering Control connectors (Remove the two pictured, the third can remain connected)
- When re-installing the sway bar end links do both left and right following installation of the spacers and UCAs on both sides as a last step.
- When removing the air line ensure you remove from the black connector. It is normal to hear a small amount of nitrogen escape when the hose is disconnected, approx. 1-2 seconds max. Warning do **not** undo the brass nut to avoid losing the air charge. Picture #3 shows how the connector should look with the strut removed from the truck.
- Remove the Stock Strut assembly taking care not to damage the air inlet fitting in the upper opening
- Remove the Stock UCA and install the ReadyLift UCA’s according to the instructions provided by ReadyLift, note some steps will have already been completed as per the Daystar Installation. Ensure the correct UCA per side, sensor link ball joint should align with the sensor mounted on the frame.
- When re-installing the upper ball joint nut use a second wrench to prevent the ball joint from turning, see picture #2.
- After removal of the strut trim the OEM studs until the extenders fit as per picture #3

<sup>1</sup> Only if purchased with the kit.



Picture #2

<sup>1</sup> Only if purchased with the kit.



Picture #3

### Final Checks

Once the vehicle is lowered to the ground, check all parts which have rubber or urethane components to ensure proper torque. Torque lug nuts to the wheel manufacturer specs. Move vehicle backwards and forwards a short distance to allow suspension components to adjust. Turn the front wheels completely left then right and verify adequate tire, wheel, brake line, and ABS wire clearance. Test and inspect steering, brake and suspension components for tightness and proper operation. Inspect brakes hoses and ABS lines for adequate slack at full extension, adjust as necessary.

**RECHECK ALL HARDWARE FOR PROPER TORQUE VALUES AFTER 500 MILES, AND THEN PERIODICALLY AT EACH SERVICE INTERVAL THERAFTER.**

<sup>1</sup> Only if purchased with the kit.

## **Wheel Alignment / Headlight Adjustment**

It is necessary to have a proper and professional wheel alignment performed by a certified alignment technician. Align the vehicle to factory specifications. It is recommended that your vehicle alignment be checked after any off-road driving.

In addition to your vehicle alignment, for your safety and others, it is necessary to check and adjust your vehicle headlamps for proper aim and alignment. If the vehicle is equipped with active or passive safety/collision monitoring and/or avoidance systems including, but not limited to, camera- or radar-based systems, check and adjust your vehicle's systems for proper aim and function.

Always looking to add more pictures of vehicles to the site.

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.

Revel Performance

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<sup>1</sup> Only if purchased with the kit.