

READYLIFT®

SUSPENSION INC.

ReadyLift® (Part# 66-2020)

1998-2009 Ford Ranger 4x4/EDGE 2WD/4WD

1995-2001 Ford Explorer/Sport 2WD/4WD

2001-2005 Ford Explorer Sport Trac 2WD/4WD

Please read instructions thoroughly and completely before beginning installation.

Check www.Readylift.com for any installation instruction updates

Installation by a trained mechanic is recommended.

SAFETY WARNING: ReadyLift Suspension Inc. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

PRODUCT SAFETY WARNING: Modifying your vehicle ride height 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. ReadyLift Suspension 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.

Pre-Installation Notes

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of ReadyLift Suspension Inc. components. **Always wear safety glasses** when using power tools.
6. If installation is to be performed without a hoist, ReadyLift aSuspension Inc. recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Headlight adjustment is highly recommended.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

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ReadyLift Tool Part# 66-7816A is required for installation of this kit.

Position truck on a flat surface and lift vehicle by the frame so that the front wheels are off the ground.
Use a minimum 3 ton jack stands and place under frame for safety or a (2) two post lift if available.
Make sure that the emergency brake is on and the rear wheels are blocked to prevent a rollout.

Bill of Materials

<u>Qty</u>	<u>Description</u>
2	ReadyLift Ford Ranger Forged Torsion Key
4	1/2" Tall shock spacer
4	M8 x 1.25 40mm long class 10.9 zinc plated hex head bolt
4	M8 x 1.25 Nyloc Nut
8	M8 Flat washer



1.

Starting on the driver side, remove the four 13mm bolts that hold the torsion key cover to the frame.



2.

Measure the amount thread remaining on the adjusting bolt. This will be the starting point on reinstallation.



3.

Install cross member adapter that comes with ReadyLift Tool Part# 66-7816A.



4.

Install ReadyLift Tool Part# 66-7816A. Load the key enough to release pressure off the adjusting bolt. Remove the bolt and cross member nut.

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5.

Unload the tool, remove the factory key.



6.

Put a little grease on the top of the torsion key and in the pad that it sits in. This will allow it to rotate in the pad easier as you load the key.



7.

While loading the torsion key, make sure that the key sits properly in the pad. Load the key until you can install the cross member nut.



8.

Install the adjusting bolt to the same depth as it was in step 2. Remove tool. Reinstall the cover with the four 13mm bolts.



9.

Remove the driver side front wheel. Use a jack to support the lower control arm. Remove the shock.



10.

With the shock removed from the vehicle, press the lower shock mounting studs. You can do this with a 22mm socket and a hammer.

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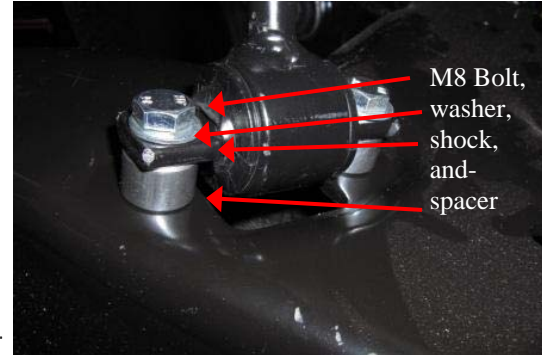
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11.

Remove both studs.



12.

Reinstall the shock using the hardware provided. Bolt, washer, shock bar pin, 1/2" spacer, lower control arm, washer, and nyloc nut.

13.

Tighten the lower shock nuts to 22 ft-lb. Tighten the upper shock nut to 45 ft-lb. Reinstall the front wheel.

Repeat steps 1-13 on opposite side.

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Wheel Alignment; a Certified Alignment Technician that is experienced with lifted vehicles is recommended to perform the alignment.

*It is recommended that you have your vehicle's alignment checked whenever installing suspension parts.

*It is also recommended that you adjust your headlights whenever your vehicle's ride height is altered.



After ReadyLift® 66-2020 Kit installed

Vehicle Handling Warning

Vehicles with larger wheels and tires will handle differently than stock vehicles.

Take time to familiarize yourself with the handling of your vehicle.

DRIVE SAFELY and WEAR YOUR SEATBELT.

Installation Warning

Always wear proper safety equipment and use the correct tools when installing any suspension upgrade. Make sure vehicle is on a flat surface and you are using jack stands or a lift rated for the weight of the vehicle.

Warning! This ReadyLift® 66-2020 Kit is designed and engineered to lift a stock vehicle with no prior modifications. The use of this kit along with items such as rear lift blocks or spacers, add-a-leafs, airbags, suspension lifts, body lifts or any other type of lifting accessory shall be done at the vehicle owners risk and will void any and all warranties in effect or implied by ReadyLift®.