

INSTALLATION GUIDE



Part#: 122004



HARDCORE LIMITED LIFETIME WARRANTY

Front Bumper Spacer Kit

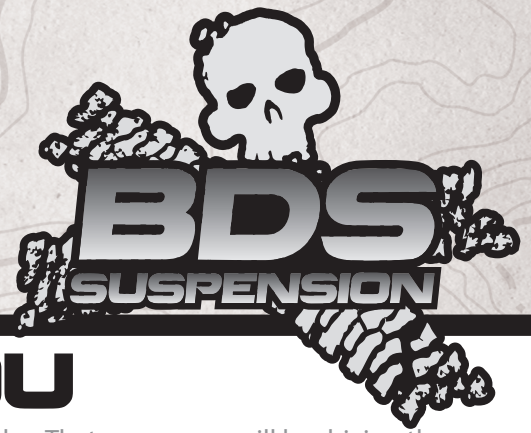
Dodge Ram 1500 4WD | 2025-2026

Rev. 010826

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Read And Understand All Instructions And Warnings Prior To Installation Of System And Operation Of Vehicle.



THANK YOU

Your truck is about to be fitted with the best suspension system on the market today. That means you will be driving the baddest looking truck in the neighborhood, and you'll have the warranty to ensure that it stays that way for years to come. Thank you for choosing BDS Suspension!

BEFORE YOU START

BDS Suspension Co. 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.

FOR YOUR SAFETY

Certain BDS Suspension products 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. BDS Suspension Co. 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.

BEFORE INSTALLATION

- Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
- Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
- 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.
- 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.
- Secure and properly block vehicle prior to installation of BDS Suspension components. Always wear safety glasses when using power tools.
- If installation is to be performed without a hoist, BDS Suspension Co. recommends rear alterations first.
- 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.

BEFORE YOU DRIVE

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.

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/



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TIRES AND WHEELS

6" Lift Wheel and Tire Specs

Tires	Wheel Size	Backspacing	Trimming
37" x 12.50"	20x9	5"	Required
37" x 12.50"	20x9	5.5"	May be Required

*** 18" wheels, see note below

4" Lift Wheel and Tire Specs

Tires	Wheel Size	Backspacing	Trimming
35" x 12.50"	20 x 9	5"	May be required
35" x 12.50"	20 x 9	5.5"	May be required

*** 18" wheels, see note below

*** 18 INCH WHEELS MAXIMUM RECOMMENDED BACKSPACING IS 4.5". TEST FIT WHEELS ON VEHICLE BEFORE MOUNTING TIRES. ENSURE CLEARANCE OF WHEEL BARREL TO NEW TIE ROD END. ADHESIVE WHEEL WEIGHTS MUST BE USED ON INBOARD WHEEL PROFILE.

Stock 18" wheels cannot be re-installed. Stock 20" & 22" can only be re-installed with the factory tire.

2025 Ram 1500 Bumper Spacer Kit (BDS122004) recommended for additional tire-to-fender clearance.

replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.

Perform head light check and adjustment.

Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

CONTENTS OF YOUR KIT

022642 Box Kit

Part #	Qty	Description
YJTC7	6	Spacer
BP1087	1	Bolt Pack
	6	12mm-1.75 x 50mm Bolt
	6	12mm Flat Washer
	6	M12 Round Pushnut
	6	12mm-1.75 Prevailing Torque Nut

TROUBLE SHOOTING / TECH TIPS

• This kit is intended to work on models with standard front bumper and separate trim piece/fasia beneath the front headlights. This kit will not work on Tungsten models equipped with the taller, one-piece front bumpers.

INSTALLATION INSTRUCTIONS

IMPORTANT

1. Disconnect BOTH batteries (if equipped), Main and Auxiliary, using a 10mm socket and or wrench. Cover the battery terminals to prevent electric arc. (Fig. A, B)



FIGURE A

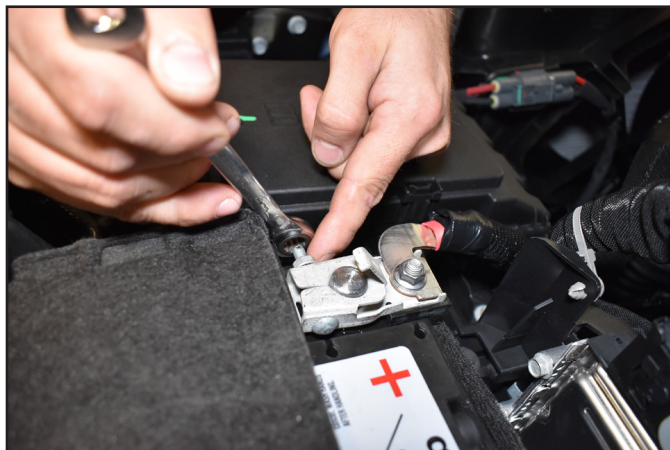


FIGURE B

BUMPER SPACER KIT INSTALL

2. Remove the front lower inner fender liners.
3. Disconnect the bumper wire harness connectors on both driver and passenger sides. **(Figure 1, 2)**

FIGURE 1



FIGURE 2



4. Disconnect the six nuts (three per side) mounting the bumper to the frame horns. With an assistant, remove the bumper.
5. Remove the OE pushnut retainers using a pair of side cutters. The OE carriage bolts and pushnuts will not be reused. **(Figure 3)**

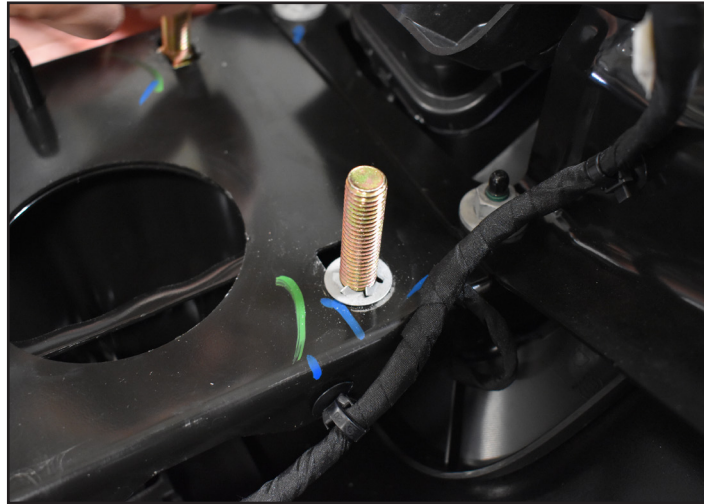
FIGURE 3



6. Install new provided carriage bolts and pushnut retainers in the original bumper mounting locations. **(Figure 4)**

Note: Bumper Spacer hardware located in BP1087, spacers located in B1656.

FIGURE 4



7. Remove lower accent trim attached to the bottom of the grill insert. It is held in place with four pushpins and will not be reinstated. **(Figure 5)**

FIGURE 5



- Trim up to the bottom of the four push pin mounting holes, level, across the entire width of the grill support. It is recommended to use a reciprocating pneumatic buzz saw, cleaning up cut edge with a deburring tool. **(Figure 6)**

FIGURE 6



- Place provided spacers (YJTC7) onto carriage bolts. With an assistant, loosely remount bumper to the vehicle using six provided 1/2" washers and six nuts. Adjust bumper elevation to fender gap. Torque nuts to 49 ft-lbs.
- Reconnect both driver and passenger side bumper wire harness connectors. Reinstall lower inner fender liner.

FINAL FRONT INSTALLATION STEPS

- Check all fasteners for proper torque.
- Recheck all fasteners after 500 miles and at regularly scheduled maintenance intervals.



WE WANT TO SEE YOUR RIDE!

Grab photos of your BDS-equipped truck in action and send them in for a chance to be featured. Send it in to our Bad Ass Rides customer gallery at bds-suspension.com/bar and post them on the BDS Fan Page on Facebook at facebook.com/BDSSuspensions. Don't forget about your BDS swag! BDS offers t-shirts, hoodies, decals and more available on the BDS website or through your local BDS distributor.

TIME TO HAVE SOME FUN

Thank you for choosing BDS Suspension.

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.