BDS MISSION

The mission of BDS Suspension, a company dedicated to reliability and customer satisfaction, is to produce high quality products at affordable prices. Our warranty reflects our mission and our confidence in every product we manufacture.

• Founded in 1995
• The only “No Fine Print” Warranty in the industry
• BDS Authorized Distributors can be found across the US and around the globe
• Experienced sales and technical support to help you every step of the way
• “Never Out” philosophy - our goal is to ship every order the same day
• Most “User Friendly” catalog in the industry
• “Self-selling” packaging - retail-friendly packaging that says quality inside!
• Most accurate, complete, and installer friendly instructions shorten installation time
BDS Suspension operates with one guiding premise—to provide true value to the customer by manufacturing the highest quality product at a competitive price, distributed and serviced by the premiere jobber/installer expert! What does this mean to you? Simple, we strive to have the best installation instructions, easy to install kits, best performing suspension systems, the best warranty in the business and we’re never out of inventory. If you want a lift kit and it’s in this catalog, then it is available. In addition, we have a dedicated staff to assist you with any questions that arise and pride ourselves on excellent customer service. We have built a strong web site to assist with application selection as well as technical information that is available 24 hours a day. We are constantly working on new product, so please check out the web site that is updated immediately when product is available.

BDS SUSPENSION CATALOG

BDS Suspension’s Catalog is designed to be the most user friendly catalog in the truck suspension aftermarket. Through research and consultation with the experts—our BDS distributors and dealers—we have created several innovative features designed to assist in the sale of BDS Suspension. These include:

• Add-A-Leaf and U-Bolt chart for high demand applications
• Coil Spring, Leaf Spring, and Add-A-Leaf Specifications
• Installation Time Guide provides “real time” estimates on labor hours and tire and wheel size information
• Pricing Code is available for instant price quotes
• Alignment Specifications
• OE Wheel Specifications

DISCLAIMER

BDS Co. reserves the right to update products as necessary without notice, and will not be held responsible for misprints in this catalog or changes/variations made by vehicle manufacturers.

DISTRIBUTION

BDS products are not available through mail order companies. We believe it is in the best interest of the consumer to distribute our product through a network of dedicated, experienced, 4WD enthusiasts.

Our distributors have installed our products, and havethe ability to answer questions before and after the purchase. Our mission is customer satisfaction. We believe we can achieve that satisfaction by limiting the distribution of BDS products to expert installers.

SHOP OWNERS

BDS Distributors are carefully selected by BDS Suspension. Our goal is to find honest, experienced, retail/installers who are 4WD enthusiasts. We look for shops who are committed to the 4WD market with a reputation for good customer service. If you feel that we have just described you and your operation and want to be considered for a distributorship, please call 517-279-2135.

HOME OF BDS SUSPENSION

BDS Suspension is the premier division of Sport Truck USA Inc., a wholly owned subsidiary of Fox. BDS recently expanded its Coldwater, MI based offices now offering over 100,000 sq ft of warehousing and offices along with the adjacent 16,000 sq ft of R&D facility residing on 25 acres. These new spaces allow us to further expand and better serve our customers in the years to come.

BDS Suspension A wholly owned subsidiary of "FOX"
SHOCK AND STABILIZER CYLINDER LIMITED LIFETIME WARRANTY:
BDS Suspension Co. warrants to the original retail purchaser that its shock and stabilizer cylinders are free from defects in material and workmanship for so long as they own the vehicle. Excluded from this warranty are the finish of the product and mounting bushings. Defects in material and workmanship do not include such things as dented cylinders or bent rods caused by obvious side impact, rust, worn or deformed bushings. A shock absorber is a wear item and over time will experience diminished damping resistance due to normal component wear. This is not a defect in material or workmanship and is therefore not warrantable. BDS Suspension’s obligation under all warranties is limited to the repair or replacement, at BDS’s option, of the defective material. Any cost of removal, installation or reinstallation, freight charges, incidental or consequential damages are expressly excluded from these warranties.

WHAT WE DON’T COVER:
Our attorney says we need to tell you, BDS’ Limited Warranty doesn’t cover damage to your vehicle, non-BDS products or non-BDS components. We don’t cover wear and tear items (ex. tires, shocks and stabilizers), components of the vehicle’s electronic stability control system, Acts of God, accidents, theft, vandalism or other intentional damage.

Neither BDS or any independent distributor are responsible for any time loss, rental costs, removal or repair costs, or any other incidental, consequential, punitive or other damages you may have or incur in connection with any BDS part purchased. Your exclusive remedy hereunder for covered parts is we will replace the part as described above.

This Limited Warranty gives you specific rights. You may also have other rights that vary from state to state. For example, some states do not allow limitations of how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.

All other warranties are hereby disclaimed, except to the extent prohibited by applicable law, in which case any implied warranty of merchantability, fitness for a particular purpose or other implied warranty are limited to a period of four (4) years from date of original retail purchase. For warranty service call us with invoice or other proof of purchase (517-279-2135).

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YOUR WARRANTY IS VALID IF …

| Product is Abused                      | YES!  |
| Product is Misused                    | YES!  |
| Used in Competition                   | YES!  |
| Installed on Government Vehicles       | YES!  |
| Installed on Commercial Vehicles       | YES!  |
| Installed on Vehicle Other than Specified | YES!  |
| Used with Larger Tires                | YES!  |
| Combined with Other Brands            | YES!  |
| Product Has Been Painted              | YES!  |
| Parts Have Been Removed and Reinstalled | YES!  |
| You Live Outside of the U.S.A.        | YES!  |
| Used With Other Brand of Shocks       | YES!  |

BDS warrants to the original purchaser of its products that its products shall be free of defects in materials and workmanship for so long as the BDS product is installed on the original purchaser’s vehicle. Your exclusive remedy upon BDS inspection is:

IF IT BREAKS WE WILL GIVE YOU A NEW PART.
Improving on the factory suspension design, BDS 4-link long arm systems offer more control, stability and drivability for solid axle trucks and Jeeps. In addition to more on road comfort the 4-link design limits caster change to less than 1-degree as the suspension cycles. The oversized arms and greasable bushing are far superior to the factory arms.

BDS has new performance oriented options for the late model Ford and RAM HD trucks with these new radius arm systems. Designed to replace the factory stamped steel arms these systems use gusseted heavy wall DOM-tubular radius arms that are designed to correct the suspension geometry with 2-4” of lift. The arms are formed inward for maximum tire clearance and use large greasable bushings for easy servicing.

HIGH CLEARANCE CROSSMEMBERS

The main crossmembers in the new high clearance systems have been designed to maximize ground clearance while improving suspension and steering geometry over other systems on the market today. This new method of IFS design has many benefits over more traditional setups:

- Reduced camber change throughout wheel travel
- Entire system designed to put all suspension, steering and driveline angles in-phase, increasing performance and reducing wear on OE components
- Unique high clearance appearance

HIGH CLEARANCE TORSION BAR APPLICATIONS INCLUDE THE BDS NO TORSION BAR DROP SYSTEM, NTBD TECHNOLOGY FOR SHORT. THIS IS A REVOLUTIONARY DESIGN OFFERING IMPROVED GROUND CLEARANCE FOR OFFROAD CAPABILITY.

- Relocation brackets bolt solid to the factory lower control arm
- No moving parts to wear out or break
- Torsion bar crossmember stays in the factory location keeping the torsion bars hidden inside the frame rails for maximum ground clearance
- Factory torsion bar adjustment range is maintained...the torsion bars don’t have to be “cranked” up to achieve the correct lift height

INDUSTRY LEADING NO TORSION BAR DROP TECHNOLOGY

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RADIUS ARM SYSTEMS

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For Long Arm upgrades, see Page 159

For Radius Arm upgrades, see Page 159
IFS and 4-link long arm system offered with Fox 2.5 coilovers

- Kits are pre-tuned for specific ride height, can be easily adjusted
- Improved performance for high-speed offroad performance
- Smooth on-road ride quality and improved handling

The new Coilover kits can be purchased separately for vehicles already equipped with a BDS system or as a complete lift system.

FOX 2.5 COILOVER SHOCKS

BOLT IN THE ULTIMATE OFFROAD PERFORMANCE UPGRADE

- Smooth bore, clear coated 6061-T6 alloy body
- Hardened chrome 7/8” shaft and black anodized aluminum ends
- Race-developed, high flow piston design with external reservoir
- External reservoir separates shock oil from high-pressure nitrogen
- Fully assembled with Eibach coils and preload set for specific ride height
- Direct bolt-on upgrade kits and coilover conversion kits available

For FOX 2.5 Coilover Shocks, see Page 133

FOX 2.5 DSC COILOVER SHOCKS

Dual Speed Compression (DSC) technology improves the FOX coilover performance with easy adjustability to match your terrain. Same benefits of FOX 2.5 coilovers now with DSC for 12-points of high speed compression adjustment and 10-points of low speed adjustment to dial in the ride.

For FOX 2.5 DSC Coilover Shocks, see Page 133

FOX STEERING STABILIZERS

IMPROVE STEERING CONTROL WITH OVERSIZED TIRES

- Single and dual kits available to fit most lifted applications
- Improves drivability by reducing front end shimmy caused by oversized tires
- Stabilizers use 50/50 valving for improved damping without causing push/pull
- 100% bolt on installation with all necessary hardware included
- Heavy duty gusseted 3/8” steel construction brackets with stainless BDS badging
- Improves tire wear and front end component life

For FOX 2.0 Performance Series Steering Stabilizers, see Page 150

FOX 2.0 PERFORMANCE SERIES SHOCKS

DIRECT REPLACEMENT HIGH-PERFORMANCE GAS SHOCKS

- Cold forged 6061-T6 aluminum construction
- IFP design allows for fade-free shock performance
- Hardened chrome 5/8” shaft and black anodized aluminum ends
- Specially formulated race oil designed to operate at extreme temps
- Improve on-road and off-road performance

For FOX 2.0 Performance Series Shocks, see Page 134
## CATALOG...HOW TO

### 1994-1999 DODGE 2500 4WD TRUCK - GAS & DIESEL

<table>
<thead>
<tr>
<th>Lift &amp; Method</th>
<th>Qty</th>
<th>Part#</th>
<th>Description</th>
<th>Recommended Upgrades</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5&quot; Front / 4.5&quot; Rear Standard Kit</td>
<td>1</td>
<td>032503</td>
<td>Front Coil Springs</td>
<td>122303 Dual Shock Bracket Kit</td>
<td>1</td>
</tr>
<tr>
<td>Front Cols &amp; Brackets Rear Blocks &amp; Add-A-Leafs w/ top ovld Kit #211H with top ovld Kit #212H</td>
<td>1</td>
<td>012456</td>
<td>2&quot; Block &amp; Add-A-Leaf Kit w/ top mounted overload</td>
<td>95650 Dual Gas Shock (2 req'd)</td>
<td>2</td>
</tr>
<tr>
<td>w/o top ovld Kit #213H</td>
<td>1</td>
<td>012457</td>
<td>2&quot; Block &amp; Add-A-Leaf Kit w/ top mounted overload or</td>
<td>122304 Lower Link Skid Plate Kit</td>
<td>3</td>
</tr>
<tr>
<td>64DK2151</td>
<td>1</td>
<td>55417</td>
<td>Single Steering Stabilizer</td>
<td>55777 Dual Stabilizer Mounting Kit</td>
<td></td>
</tr>
<tr>
<td>4.5&quot; Front / 4.5&quot; Rear Long Arm Kit</td>
<td>1</td>
<td>032503</td>
<td>Front Coil Springs</td>
<td>55404 Dual Stabilizer Cylinder (2 req'd)</td>
<td></td>
</tr>
<tr>
<td>Front Cols &amp; Brackets Rear Blocks &amp; Add-A-Leafs w/ top ovld Kit #213H with top ovld Kit #214H</td>
<td>1</td>
<td>012456</td>
<td>2&quot; Block &amp; Add-A-Leaf Kit w/ top mounted overload</td>
<td>122301 Carrier Bearing Drop</td>
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<td>290K8771</td>
<td>1</td>
<td>55750</td>
<td>Front NX2 Shock</td>
<td>95730 FOX Front Gas Shock (2 req'd)</td>
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</tr>
<tr>
<td>55761</td>
<td>Rear NX2 Shock</td>
<td>2</td>
<td></td>
<td>95761 FOX Rear Gas Shock (2 req'd)</td>
<td></td>
</tr>
</tbody>
</table>

**Notes**

1. For models built after February 9, 1994 due to track bar stud size.
2. Dual stabilizer may be used in place of single steering stabilizer. Dual stabilizer only fits 3-1/4" diameter axle tubes.
3. May require exhaust modification.
4. #002209 and 002458 rear springs come with OE style bushings installed.

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1. The main header is critical in selecting the proper system. Be sure to pay close attention to listings like Gas, Diesel, 2WD, 4WD, 4-Door, etc.
2. Both front & rear lift dimensions are given. Always measure the vehicle before selecting a kit to achieve the desired effect. Do you want it level, tail high, tail low?
3. Some applications are available in different versions - ie. Long arm, 4-Link, Standard System, Ultimate Kit.
4. These are general descriptions of how the vehicle is lifted so you can make the proper selection. Do you want new rear springs, or a block and add-a-leaf?
5. The kit # given includes all items listed in the required components section with hydraulic shocks. Be sure to read the notes to find out if anything additional is required. It is always our goal to include everything you need to properly lift your vehicle in the application, but if anything additional is required it will be in the notes. Kits denoted with #XXXF utilize Fox 2.5 Remote Coilovers and Fox 2.0 rear shocks.
6. This section indicates the required parts to properly lift your vehicle and the quantity of each of these components required. Each individual box is available separately.
7. Certain applications will ask critical questions to ensure that you get the proper components for your vehicle. Be sure to physically inspect the vehicle prior to selecting your kit to ensure that you get the correct system.
8. All kits are listed with the NX2 series hydraulic shocks. These can be upgraded to the new FOX 2.0 series shocks listed in the Optional Accessories section.
9. The Optional Accessories section is used to list two different types of products. This section includes both accessories and items that are not needed on all vehicles.
   A. Accessories like dual shocks, dual stabilizers, ladder bars, etc.. are listed with each application so you don’t have to waste time looking them up elsewhere in the catalog.
   B. Items that are not required for all vehicles are also listed in the Accessories Section. For example, not all Dodge trucks come with a carrier bearing. If your vehicle has a carrier bearing and you experience a drive line vibration after installation, then the appropriate carrier bearing drop in listed here.

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**In Optional Accessories**

Look for **FOX 2.0 SHOCKS**!

See page 133 for details

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10. Notes — These are critical! Always read the notes prior to selecting a system for your vehicle. They contain vehicle specific information that can drastically effect your selection.

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The NHTSA’s Federal Motor Vehicle Safety Standard (FMVSS) No.126 requires all new passenger vehicles to include Electronic Stability Control (ESC) systems that meet certain standards tested through a comprehensive series of evasive maneuvers. Aftermarket products must meet these standards as well. BDS Suspension leads the industry having independently tested and proven ESC System compliance of numerous suspension systems for Ford, GM, Dodge, and Jeep vehicles. Look for the “compliant” symbol next to kit applications that have tested and meet FMVSS #126 requirements.
ANNUAL EVENTS

BDS SUSPENSION IS HITTING THE TRAILS, TRACK, SHOWS AND SEMA THIS YEAR. WE’LL SEE YOU OUT THERE!

For the full list of events and to submit your own, head to bds-suspension.com/calendar

Follow us on for up-to-date event coverage and more

EASTER JEEP SAFARI
Moab, UT

JEEP BEACH
Daytona Beach, FL

Blessing of the Jeeps
Mesick, MI

UNLIMITED OFF-ROAD SHOW
Louisville, KY

BANTAM JEEP HERITAGE FESTIVAL
Slippery Rock, PA

INDY 4-WHEEL JAMBOREE
Indianapolis, IN

4WOR ULTIMATE ADVENTURE
TBD Location

PA JEEP SHOW
York, PA

CARLISLE TRUCK NATIONALS
Carlisle, PA

OFF-ROAD EXPO
Pomona, CA

SEMA SHOW
Las Vegas, NV
FACTORY PROTECTION PLUS FEATURES:

• BDS Suspension Limited Lifetime Warranty
• 5 Year, 60,000-Mile/100,000-Mile* Supplemental Drivetrain Limited Protection provided by 560Plus.com
• Free, no cost protection for our customers
• Could save thousands of dollars on possible repairs
• Easy online application process

* 5 Year/60,000 Miles on Ford, Nissan and Toyota vehicles and 5 Year/100,000 Miles on Dodge/Ram, GM and Jeep vehicles.

WHAT IS FMVSS NO.126?
When you see the FMVSS Compliant Symbol you will know with confidence this application has been tested and successfully passed the Federal Motor Vehicle Safety Standard No. 126 compliance test. This highly specialized test was performed to prove the installation of the particular BDS Suspension system, with specified wheel and tire package will not compromise the performance and effectiveness of the vehicle’s Electronic Stability Control (ESC) system keeping you safer on the road.

THE 560PLUS.COM 5 YEAR / 60,000-MILE/100,000-MILE* SUPPLEMENTAL DRIVETRAIN WARRANTY
A 5 year – 60,000-mile/100,000-mile* drivetrain warranty is available for BDS Suspension equipped vehicles as a Supplemental Drivetrain Limited Warranty while your vehicle is covered by the new vehicle express drivetrain limited warranty supplied by Ford, General Motors, Chrysler or Toyota. The protection applies to any BDS eligible suspension systems purchased on or after November 1st, 2013.

HOW FACTORY PROTECTION PLUS WORKS
After installing a BDS Suspension system, the owner goes to 560Plus.com and fills out a Factory Protection Plus application form. Applicant will receive acknowledgment outlining the terms of their BDS warranty and the 560Plus.com Supplemental Drivetrain Limited Warranty. That’s it! The vehicle is covered.

ABOUT 560PLUS, LLC
Factory Protection Plus is a program provided by 560Plus, LLC for participating suspension companies and owners with qualifying vehicles. Go to 560Plus.com for additional information and an online application form.