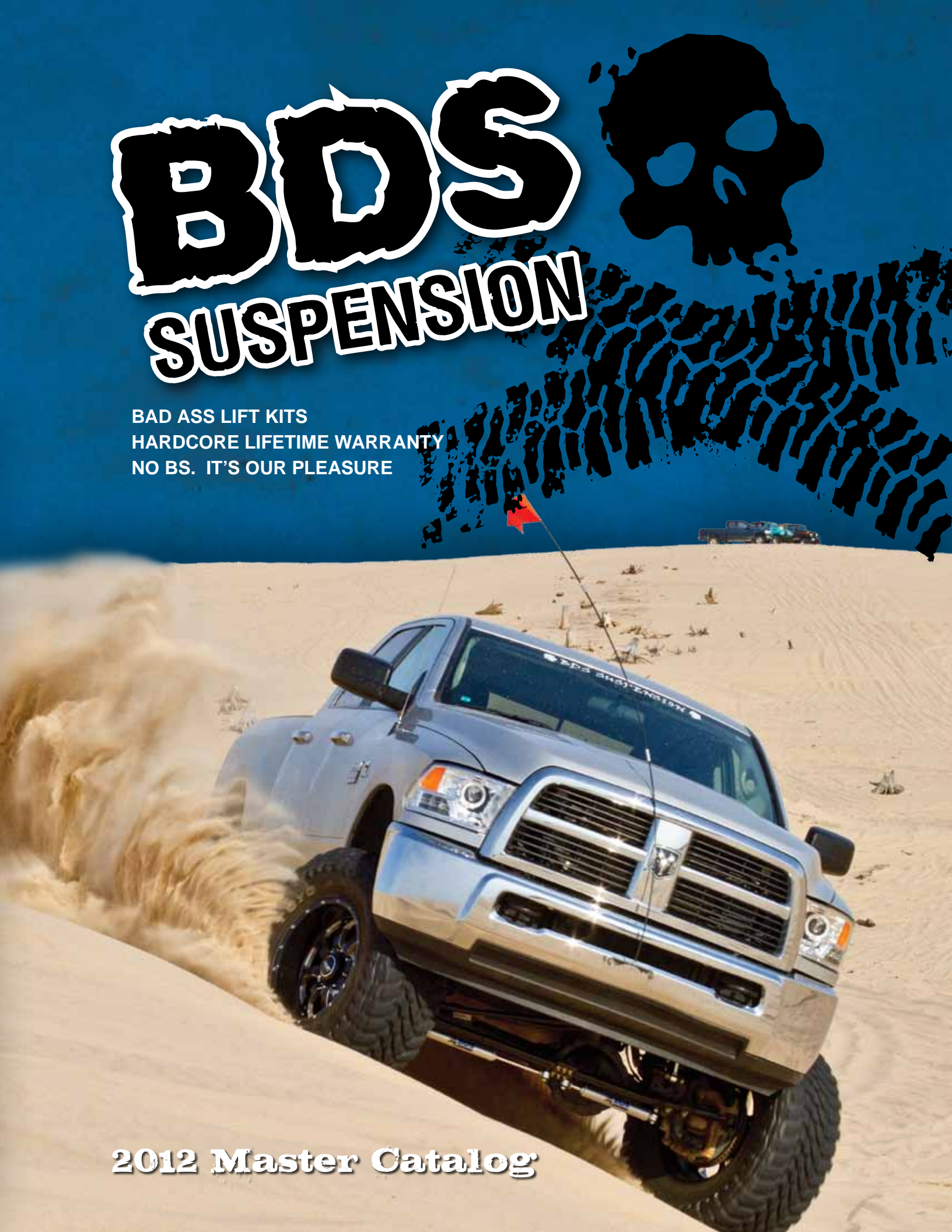


BDS SUSPENSION

BAD ASS LIFT KITS
HARDCORE LIFETIME WARRANTY
NO BS. IT'S OUR PLEASURE

2012 Master Catalog





Contents

Suspension Systems

Chevrolet/GMC.....	7-25
Dodge.....	26-41
Ford.....	42-68
Jeep.....	69-97
Suzuki.....	98
Toyota.....	99-102

4x4 Posi-lok™	103
----------------------------	-----

Shock Absorbers	104-108
------------------------------	---------

Steering Stabilizers	111-113
-----------------------------------	---------

Add-a-Leaf and U-Bolt Application Chart	114-115
--	---------

Accessories	116-124
--------------------------	---------

Promotional Products	125
-----------------------------------	-----

Specifications

Leaf Springs.....	126
Add-a-Leafs.....	127
Coil Springs.....	127
Alignment.....	128
Installation Time and Tire Size Guide.....	129-132
OE Wheel.....	133

Box Kit Breakdown	134-144
--------------------------------	---------

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 in nearly every state in America and four Canadian provinces
- 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 - 4 color, retail-friendly packaging that says quality inside!
- Most accurate, complete, and installer friendly instructions shorten installation time

Why BDS Suspension?

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 strong 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.



2012 CATALOG

BDS Suspension's 2012 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
- Box Kit Component Breakdown
- 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

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 have the 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.

NO FINE PRINT WARRANTY

This unique warranty proves our commitment to the quality and reliability of every product we make. If you are the original purchaser of any BDS product and it breaks, we will give you a new part. Period. The No Fine Print warranty does not include shock and stabilizer cylinders.

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.

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.

BDS Brake Lines

One-Piece Crimp Design

Protective Vinyl Cover

Stainless Steel Braid

Protective Layer

Kevlar Braid



- Virtually no volumetric expansion → Firmer brake pedal feel with less pedal effort.
- Hose assemblies comply with D.O.T. Federal regulations (MVSS-106) → Legal for street use in all 50 States.
- Teflon inner core (chemically inert) → Approved for use with all brake fluids, including D.O.T. 5 Silicone. Resists moisture, very flexible.
- Five layer construction → Rugged construction that resists road shock and hazards. Higher fitting pull-off than other D.O.T. assemblies.
- Standard SAE female fittings and ends → Utilizes standard brake fittings and hardware.

Pro-Ride Coil Spring Suspension Systems

Springs are either cold wound with chrome silicon 9254 or hot wound with 5160 to guarantee long life.



A polyester based powder coat is applied to ensure flexibility and durability.

Each spring is preset with a hydraulic stress to reduce fatigue in the steel and prevent sagging.

Shotpeening increases tensile strength and allows for maximum wheel travel without sacrificing the life of the spring.

BDS coil springs are designed to withstand full coil bind. In other words, you can smash our coils to totally flat and they will return to their original height.

Glide-Ride Leaf Spring Suspension Systems

Shotpeening increases tensile strength and reduces fatigue while lessening the material thickness required. The thinner material allows for increased wheel travel and provides a softer ride.

Some applications include leaf springs with steel encased rubber bushings. Other applications include blue urethane bushings.



Anti-friction pads are placed between the leaves to reduce friction within the spring and noise from metal-to-metal contact.

Each spring is preset using hydraulic stress to reduce fatigue in the steel and prevent sagging.

Tapered and roll-pointed leaves add flexibility and provides an even deflection rate. Tapering allows a smoother transition between leaves as compression takes place, resulting in a softer ride with increased wheel travel.

Bolt-style leaf alignment clamps prevent leaves from fanning out and allow the leaves to twist and flex, yielding higher articulation.

Polyurethane Products



All BDS polyurethane products are designed to our specs, to work with our components and provide the best performance possible. We use premium material to ensure accurate and consistent parts that offer distinct advantages over others on the market.

APPLICATION SPECIFIC DUROMETER

BDS designs each polyurethane component with the correct durometer for the application in which it is used.

This attention to detail ensures that:

- Control arm, leaf spring and shock bushings are flexible while maintaining excellent wear resistance
- Track bar bushings have a high durometer for solid axle control and to avoid undesirable handling characteristics
- Coil spring spacers are designed to maintain its shape for the life of your vehicle while still being soft enough to absorb unwanted vibrations

GREASE GROOVES

One prominent feature of the majority of BDS bushings is the internal AND external fluting. While others offer internally fluted bushings only, BDS took it one step further to make a superior design that:

- Ensures all surfaces of the bushings receive lubrication
- Virtually eliminates dry bushings which means no squeaking and smooth, low friction operation
- Cuts bushing wear in half compared to bushings with only internal flutes
- Improves component flexibility by reducing resistance between the bushings and the mating components

Revolutionary High Clearance Design

The new High Clearance, or "HC" series of IFS lifts, revolution started in 2008. These systems have many of the same features of our existing traditional IFS knuckle systems with the addition of:

HIGH ARCHED CROSSMEMBERS

The main crossmembers in the new high clearance systems have been designed to maximize ground clearance while improving suspension and steering geometry over most 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 look

INDUSTRY LEADING NO TORSION BAR DROP SYSTEM

All new high clearance torsion bar applications include the new BDS No Torsion Bar Drop System, NTB Drop for short.. This is a BDS Suspension exclusive design that is unlike anything else on the market today:

- 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
- Factory torsion bar adjustment range is maintained...the torsion bars don't have to be "cranked" up to achieve the correct lift height

HC
HIGH CLEARANCE



NTB
DROP
No Torsion Bar Drop



1	1994-1999 DODGE 3/4 TON GAS & DIESEL PICKUP 4WD						
	Lift & Method	Qty	Part#	Description	Optional Accessories		Notes
2	4.5" Front / 4.5" Rear Standard Kit	1	032503	Front Coil Springs	122303	Dual Shock Bracket Kit	1
3		1	012503	Front Box Kit	55650	Dual Shock Cylinder (2 req'd) OR	2
4		1	012456	2" Block & Add-A-Leaf Kit w/o top mounted overload or	95650	Dual Gas Cylinder (2 req'd)	3
5		1	012457	2" Block & Add-A-Leaf Kit with top mounted overload	122304	Lower Link Skid Plate Kit	
		1	55417	Single Steering Stabilizer	PSL400	4x4 Posi-Lok™ (page 71)	
	w/o top ovld Kit #211H with top ovld Kit #212H 03DK2441	2	55750	Front Shock	55351	Dual Stabilizer Mounting Kit	
		2	55761	Rear Shock	55404	Dual Stabilizer Cylinder (2 req'd)	
		1	032503	Front Coil Springs	122501	Carrier Bearing Drop	9b
		1	012511	Long Arm Kit - box 1 of 2	95750	FOX Front Gas Shock (2 req'd)	
		1	012513	Long Arm Kit - box 2 of 2	95761	FOX Rear Gas Shock (2 req'd)	
	4.5" Front / 4.5" Rear Long Arm Kit	1	012513	Long Arm Kit - box 2 of 2			
		1	012456	2" Block & Add-A-Leaf Kit w/o top mounted overload or			
		1	012457	2" Block & Add-A-Leaf Kit with top mounted overload			
		1	55417	Single Steering Stabilizer			
		2	55750	Front Shock			
	w/o top ovld Kit #213H with top ovld Kit #214H 29DK8771	2	55761	Rear Shock			

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.

10

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 every thing you need to properly lift your vehicle in the application, but if anything additional is required it will be in the notes.
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 5500 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 is listed here.
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.

New This Year In Optional Accessories Look For FOX Shocks! see pages 104-105 for details



BDS SUSPENSION STAYS ACTIVE IN THE OFF-ROAD COMMUNITY ATTENDING EVENTS ALL OVER THE US AND BEYOND. FROM OFFROAD RACES TO TRAIL RIDES, TRADE SHOWS AND SEMA, WE'LL SEE YOU THERE!

2012 EVENTS INCLUDE:

KING OF THE HAMMERS
JOHNSON VALLEY, CA

EASTER JEEP SAFARI
MOAB, UT

4WHEEL JAMBOREE SERIES
LIMA, IN
BLOOMSBURG, PA
INDIANAPOLIS, IN

4X4 OUTBACK ADVENTURE
EAU CLAIRE, PA

PA JEEP SHOW
YORK, PA

OFF-ROAD EXPO
POMONA, CA

SEMA SHOW
LAS VEGAS, NV

SEE OUR WEBSITE FOR THE FULL LIST
OF EVENTS AND TO SUBMIT YOUR OWN.

CHECK OUT
BDS-SUSPENSION.COM/CALENDAR

