

Performance Suspension Parts

FABTECH

**4
WHEEL
DRIVE**



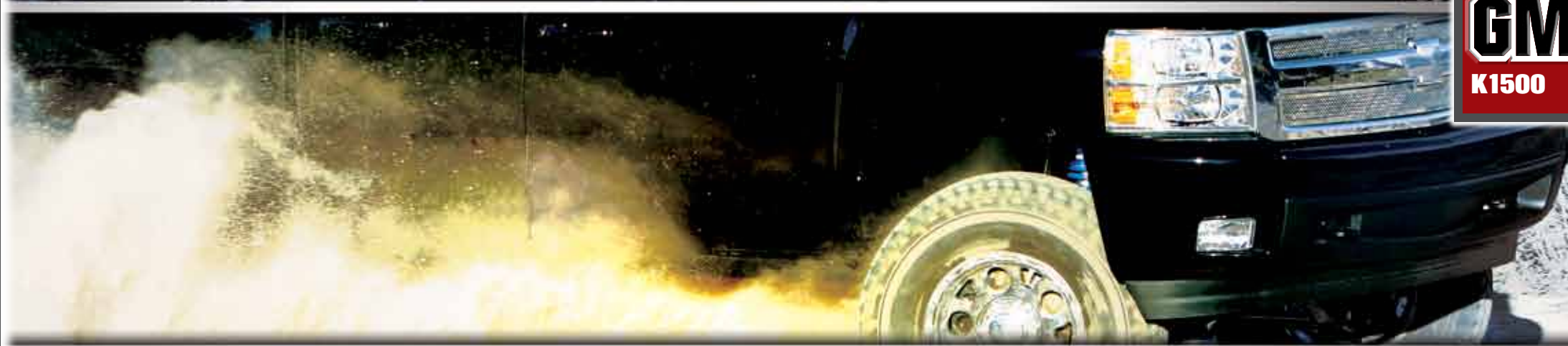
GM 07-11
K1500

4
WD

6"
KIT

RUN
35"
TIRES

GM 07-11
K1500



1

6" BASIC SYSTEM

The Basic system features a front steel Coilover spacer system utilizing the factory Coilover assembly for a stock like ride. The spacers bolt to the base of the factory Coilovers and do not require disassembly to install. The 1/4" thick steel lower control arm crossmembers relocate the arms for a ride height that allows use of a 35" tall tire without issue. To further strengthen the front suspension there are cross tubes between the crossmembers with tubular frame struts to distribute front suspension impact loads. The front differential is protected with a tightly formed 1/4" thick steel skid plate. Rear suspension lift is accomplished via a block and add-a-leaf system.



2

6" PERFORMANCE SYSTEM

This system offers an upgrade to the Dirt Logic 2.5 or Dirt Logic 4.0 Adjustable Coilover shock in place of the factory front Coilover assembly for superior damping in all conditions. The 1/4" thick steel lower control arm crossmembers relocate the arms for a ride height that allows use of a 35" tall tire without issue. To further strengthen the front suspension there are cross tubes between the crossmembers with tubular frame struts to distribute front suspension impact loads. The front differential is protected with a tightly formed 1/4" thick steel skid plate. Rear suspension lift is accomplished via a block and add-a-leaf system.



- 2007 GM K1500**
- 6" PERFORMANCE SYSTEM W/DIRT LOGIC SHOCKS
 - 325/65R18 TIRES
 - 18X9 WHEELS W/5" BACK SPACING



2007-11 GM K1500

2" Leveling System (101)

Use 33/12.50R17 tire w/17x8 wheels w/5" BS w/minor trimming
1 FTS21039 2" Leveling System

6" Basic System (1)(8)

Use 35/12.50R17 tire w/17x8 wheels w/5" BS w/minor trimming
Use 325/65R18 tire w/18x9 wheels w/5" BS w/minor trimming
Use 35/12.50R20 tire w/20x9 wheels w/5" BS w/minor trimming

K1024 - Kit# w/Performance Shocks

- | | | |
|---|------------|-------------------------|
| 1 | FTS21040BK | Component Box 1 |
| 1 | FTS21046BK | Component Box 2 |
| 1 | FTS21042BK | Coilover Spacer Kit |
| 2 | FTS7240 | Rear Performance Shocks |

6" Performance System w/Dirt Logic 2.5 Coilovers (1)(8)(17)

Use 35/12.50R17 tire w/17x8 wheels w/5" BS w/minor trimming
Use 325/65R18 tire w/18x9 wheels w/5" BS w/minor trimming
Use 35/12.50R20 tire w/20x9 wheels w/5" BS w/minor trimming

K1025DB - Kit# w/Black Dirt Logic Shocks

- | | | |
|---|------------|-------------------------------|
| 1 | FTS21040BK | Component Box 1 |
| 1 | FTS21046BK | Component Box 2 |
| 1 | FTS210431 | Dirt Logic 2.5 Coilovers |
| 2 | FTS810561 | Rear Dirt Logic 2.25 Non Resi |

6" Performance System w/Dirt Logic 4.0 Coilovers (1)(8)(17)

Use 35/12.50R17 tire w/17x8 wheels w/5" BS w/minor trimming
Use 325/65R18 tire w/18x9 wheels w/5" BS w/minor trimming
Use 35/12.50R20 tire w/20x9 wheels w/5" BS w/minor trimming

K1026DB - Kit# w/Black Dirt Logic Shocks

- | | | |
|---|------------|-------------------------------|
| 1 | FTS21040BK | Component Box 1 |
| 1 | FTS21046BK | Component Box 2 |
| 2 | FTS835031 | Dirt Logic 4.0 Coilover |
| 2 | FTS810561 | Rear Dirt Logic 2.25 Non Resi |

FOOTNOTES

- Will not fit models with Factory AutoRide shocks.
- Will not fit all wheel drive models.
- Does not fit standard cab models.
- Some models may not sit level after install.

ACCESSORIES

- Dual Performance Steering Stabilizer
- Traction Bars

GM 07-11 K1500 SUV/SUT

4 WD **6"** KIT **RUN** 35" TIRES

6" BASIC SYSTEM

Fabtech has developed multiple systems for late model T900 platform SUV's and SUT's. Common to these systems is our proven one piece high arched lower crossmember design with an integrated differential skid plate for solid support of the front suspension. Special attention was given to the design of replacement extended length steering knuckles to keep the track width of the vehicle near stock while retaining turning radius for easy maneuverability in tight areas. All rear systems feature extended length tubular upper and lower link arms with an oversized Trac bar relocation bracket to properly place the axle under the vehicle with zero driveline vibration. AutoRide and non AutoRide specific rear coil springs maintain proper ride height on all models. The Basic System features the above mentioned components along with front strut assembly spacers and rear performance coil springs. This system provides a stock like ride and is compatible with all AutoRide models. Installation of the system does not require relocation of the Rack and Pinion or disassembly of the front strut assemblies.



6" PERFORMANCE SYSTEM

- Dirt Logic 2.5 Coilover shocks provide a superior ride
- 1/4" Thick steel Lower Control Arm Crossmembers includes Differential Skid Plate
- Ductile Iron Front Steering knuckles retain proper turning radius with minimal increase of track width
- Full lift height for proper clearance of 35/1250R17 tires
- Rear system includes AutoRide model specific coil springs with upper and lower tubular link arms and trac bar relocation bracket



GM 07-11
K1500 SUV/SUT

2007 GM TAHOE
• 6" PERFORMANCE SYSTEM W/DIRT LOGIC SHOCKS
• 35/12.50R17 TIRES
• 17X8 WHEELS W/5" BACK SPACING

2007-11 GM K1500 TAHOE / YUKON / SUBURBAN / AVALANCHE

2" Leveling System (101)

Use 33/12.50R17 tires w/ 17x8 wheels w/ 5" BS w/ minor trimming

- 1 FTS21039 2" Leveling System

6" Basic System w/AutoRide (8)(16)(72)

Use 35/12.50R17 tire w/17x8 wheels w/5" BS w/minor trimming
Use 325/65R18 tire w/18x9 wheels w/5" BS w/minor trimming
Use 35/12.50R20 tire w/20x9 wheels w/5" BS w/minor trimming

K1018 - Kit# w/AutoRide

- 1 FTS21040BK Component Box 1
1 FTS21041BK Component Box 2
1 FTS21042BK Coilover Spacer Kit
1 FTS21051BK Rear Coil Kit

6" Basic System w/o AutoRide (8)(16)(72)

Use 35/12.50R17 tire w/17x8 wheels w/5" BS w/minor trimming
Use 325/65R18 tire w/18x9 wheels w/5" BS w/minor trimming
Use 35/12.50R20 tire w/20x9 wheels w/5" BS w/minor trimming

K1019 - Kit# w/o AutoRide

- 1 FTS21040BK Component Box 1
1 FTS21041BK Component Box 2
1 FTS21042BK Coilover Spacer Kit
1 FTS21052BK Rear Coil Kit

6" Performance System w/o AutoRide w/Dirt Logic 2.5 Coilovers (8)(72)

Use 35/12.50R17 tire w/17x8 wheels w/5" BS w/minor trimming
Use 325/65R18 tire w/18x9 wheels w/5" BS w/minor trimming
Use 35/12.50R20 tire w/20x9 wheels w/5" BS w/minor trimming

K1021DB - Kit# w/Black Dirt Logic Shocks

- 1 FTS21040BK Component Box 1
1 FTS21041BK Component Box 2
1 FTS21052BK Rear Coil Kit
1 FTS210431 Dirt Logic 2.5 Coilovers
2 FTS810501 Rear Dirt Logic 2.25 Non Resi

FOOTNOTES

8. Will not fit all wheel drive models.
16. Utilizes stock rear shocks.
72. Some models may not sit level after install. Order (FTS21064) 1" Rear Coil Spacer.
101. Some models may not sit level after install.

ACCESSORIES

- SEE PAGE 40-41
Dual Performance Steering Stabilizer
1" Rear Coil Spacer

GM 99-06
K1500

4
WD

6"
KIT

RUN
35"
TIRES

GM 99-06
K1500



6" PERFORMANCE SYSTEM

- ◊ Allows use of stock tires & wheels
- ◊ No driveshaft change required for AutoTrac models
- ◊ Crossmembers constructed of heavy 1/4" thick plate steel
- ◊ Solid steel billet sway bar end links
- ◊ Includes 1/4" thick steel differential skid plate
- ◊ Tubular impact struts included
- ◊ Retains factory steering centerlink & upper control arms in stock location
- ◊ Quick, no weld installation



2002 GM K1500

- 6" PERFORMANCE SYSTEM
- 315/75R16 TIRES
- 16X10 WHEELS W/4 5/8" BACK SPACING

2000-06 GM K1500

6" Performance System (1)(2)(4)(5)(8)(73)

Use 315/70R17 tire w/ 17x9 wheels w/ 4 5/8" BS w/ minor trimming
Use 325/65R18 tire w/ 18x9 wheels w/ 5" BS w/ minor trimming

K1000 - Kit# w/Performance Shocks

K1000DB - Kit# w/Black Dirt Logic Shocks

- | | | |
|---|------------|-----------------|
| 1 | FTS21000BK | Component Box 1 |
| 1 | FTS21002BK | Component Box 2 |

Order below front & rear Performance or Dirt Logics Shocks

- | | | |
|---|-----------|--------------------------------|
| 2 | FTS7190 | Front Performance Shocks |
| 2 | FTS7240 | Rear Performance Shocks |
| 2 | FTS810141 | Front Dirt Logic 2.25 Non Resi |
| 2 | FTS810151 | Rear Dirt Logic 2.25 Non Resi |

1999 GM K1500

6" Performance System (1)(2)(4)(5)(8)(73)

Use 315/70R17 tire w/ 17x9 wheels w/ 4 5/8" BS w/ minor trimming
Use 325/65R18 tire w/ 18x9 wheels w/ 5" BS w/ minor trimming

K1001 - Kit# w/Performance Shocks

K1001DB - Kit# w/Black Dirt Logic Shocks

- | | | |
|---|------------|-----------------|
| 1 | FTS21000BK | Component Box 1 |
| 1 | FTS21001BK | Component Box 2 |

Order below front & rear Performance or Dirt Logics Shocks

- | | | |
|---|-----------|--------------------------------|
| 2 | FTS7190 | Front Performance Shocks |
| 2 | FTS7240 | Rear Performance Shocks |
| 2 | FTS810141 | Front Dirt Logic 2.25 Non Resi |
| 2 | FTS810151 | Rear Dirt Logic 2.25 Non Resi |

FOOTNOTES

1. Will not fit models with Factory AutoRide shocks.
2. Early 2000 models may require 1999 box kits. If factory transmission crossmember is straight use 2000-06 applications. If factory transmission crossmember is curved in an S-shape use 1999 applications.
4. Larger tires cannot be installed on OEM wheels.
5. If vehicle is equipped with OEM 17" wheels must use 17" or larger aftermarket wheels.
8. Will not fit all wheel drive models.
73. On 2005 and up GMC models use 33/12.50R17 tire with 17x8 wheels with 4 5/8" back spacing with minor trimming.

ACCESSORIES

Dual Performance Steering Stabilizer
Traction Bars



GM 00-06 K1500 SUV/SUT

4 WD **6"** KIT **RUN 33"** TIRES

6" PERFORMANCE SYSTEM

- Allows use of stock tires & wheels
- No driveshaft change required for AutoTrac models
- Works with Standard, Load Leveling & AutoRide shocks
- High arch 1/4" thick crossmembers
- Includes 1/4" thick steel differential skid plate
- Solid steel billet sway bar end links
- Tubular Impact Struts included
- Rear replacement extended length coil springs
- Rear Trac Bar drop bracket

6" PERFORMANCE SYSTEM

- One piece ductile iron steering knuckles
- High arched 1/4" thick crossmembers
- Integrated 1/4" thick steel differential skid plate
- Solid steel billet sway bar end links
- Tubular impact struts included
- One piece torsion bar mounts
- Rear 4" Block and add a leaf system w/ bump stop brackets
- Increased caster for more control with oversized tires
- Retains factory steering centerlink & upper control arms in stock location
- Quick, no weld installation
- Allows the use of factory tires and wheels

GM 88-98 K1500

4 WD **6"** KIT **RUN 35"** TIRES

2004 GM AVALANCHE
• 6" PERFORMANCE SYSTEM
• 305/70R16 TIRES
• 16X8 WHEELS W/4 5/8" BACK SPACING



1995 GM K1500
• 6" PERFORMANCE SYSTEM
• 35/12.50R15 TIRES
• 15X8 WHEELS W/4 5/8" BACK SPACING

2000-06 GM K1500 TAHOE / YUKON / SUBURBAN / AVALANCHE

6" Performance System w/Load Leveling Shocks (4)(5)(8)(16)

Use 305/70R16 tires w/ 16x8 wheels w/ 4 5/8" BS w/ minor trimming

K1007 - Kit# w/Performance Shocks

1	FTS21000BK	Component Box 1
1	FTS21003BK	Component Box 2
1	FTS1599-2BK	Rear Coil Kit
2	FTS7190	Front Performance Shocks

6" Performance System w/Standard Shocks (4)(5)(8)(16)

Use 305/70R16 tires w/ 16x8 wheels w/ 4 5/8" BS w/ minor trimming

K1009 - Kit# w/Performance Shocks

1	FTS21000BK	Component Box 1
1	FTS21003BK	Component Box 2
1	FTS1599-4BK	Rear Coil Kit
2	FTS7190	Front Performance Shocks

1988-98 GM K1500 1992-99 SUBURBAN/2DR BLAZER/ 4DR TAHOE

6" Performance System (6)(7)(10)

Use 305/70R16 tires w/16x8 wheels w/4 5/8" BS w/minor trimming

K1005 - Kit# w/Performance Shocks

1	FTS21014BK	Component Box 1
1	FTS21015BK	Component Box 2
2	FTS7299	Front Performance Shocks
2	FTS7266	Rear Performance Shocks

FOOTNOTES

4. Larger tires cannot be installed on OEM wheels.
5. If vehicle is equipped with OEM 17" wheels must use 17" or larger aftermarket wheels.
8. Will not fit all wheel drive models.
16. Utilizes stock rear shocks.

ACCESSORIES

SEE PAGE 42-43
Steering Stabilizer
Multiple Front Shock System
Dirt Logic Shocks
Billet Resi Clamp

FOOTNOTES

6. Increases front track width 2" on each side.
7. 4 door models require OEM GM torsion bar crossmember, mounting brackets, isolators and hardware for a P/U or 2 door model.
10. Requires welding, exhaust, and possible front driveshaft mods.

ACCESSORIES

Steering Stabilizer Multiple
Front Shock System Traction
Bars

GM 88-11 ACCESSORIES

MULTIPLE FRONT SHOCK SYSTEM

Increase the dampening capacity of your vehicle with the addition of multiple shocks to the front suspension. These tubular Multiple Shock hoops bolt to the frame and do not require cutting of the inner fenderwell, keeping mud and water away from the motor. The tubular 1-1/2" diameter shock hoops allow the installation of four shocks with the choice of our Performance shocks or Dirt Logic resi shocks. The Dirt Logics shocks have received extensive ride tuning to provide superior dampening capacity with a good highway ride in this multiple shock system.



6" Multiple Front Shock Systems

1999-06 GM K1500

K1038 - Kit# w/Performance Shocks

- 1 FTS51001BK Component Box
- 4 FTS7052 Performance Front Shocks

K1038DB - Kit# w/Black Dirt Logic Shocks

- 1 FTS51001BK Component Box
- 2 FTS210501 Front Dirt Logic 2.0 Resi (32)

1988-98 GM K1500

K1039 - Kit# w/Performance Shocks

- 1 FTS51007BK Component Box
- 4 FTS7052 Performance Front Shocks

2000-06 GM K1500 SUV/SUT

K1038 - Kit# w/Performance Shocks

- 1 FTS51001BK Component Box
- 4 FTS7052 Performance Front Shocks

K1038DB - Kit# w/Black Dirt Logic Shocks

- 1 FTS51001BK Component Box
- 2 FTS210501 Front Dirt Logic 2.0 Resi (32)



Black Billet Resi Clamps

- 4 FTS899061 Resi to Hoop

Steering Stabilizers

2007-11 GM K1500

- 1 FTS21044BK Dual Performance (66)

1999-06 GM K1500

- 1 FTS8002 Single Performance

1988-98 GM K1500

- 1 FTS8005 Single Performance

2000-06 GM K1500 SUV/SUT

- 1 FTS8002 Single Performance

1992-99 GM K1500 SUV

- 1 FTS8005 Single Performance



Traction Bars

1988-11 GM K1500 (75)(77)

- 1 FTS61004BK Traction Bar

Rear Coil Spacer

2007-11 GM K1500 SUV

- 1 FTS21064 1" Rear coil spacer

FOOTNOTES

- 32. Sold as a pair, Includes limit strap.
- 66. Does not work with Dirt Logic 4.0.
- 75. Fits extended and crew cab, short bed models only.
- 77. For use with Fabtech suspension systems only.

GM 88-11 ACCESSORIES



Black Rear Dirt Logic 2.25 Resi Shocks

1999-06 GM K1500

- 2 FTS800151 Rear Dirt Logic 2.25 Resi



Black Billet Resi Clamps

- 2 FTS899001 Shock Body to Resi

GM 2011
K2500HD/K3500HD

4
WD

4"
KIT

RUN
35"
TIRES



GM 2011
K2500HD/K3500HD

4" ULTIMATE SYSTEM

Our new 4" Ultimate System provides less lift than our 6" RTS™ system but still allows use of 35" tall tires for street and moderate offroad use. We have developed this system utilizing replacement upper control arms constructed of 1.50" OD .120" thick wall DOM tubing that attaches to heavy duty Fabtech ductile iron steering knuckles. The factory torsion bars remain in the stock position and use new forged adjusting keys to provide the proper amount of lift.

There is no loss of ground clearance with this system as the stock lower control arms, torsion bars and front differential do not need to be relocated.

This 4" Ultimate System will level the stance of the vehicle compared to the factory nose down rake with no change to the rear suspension. For those customers that require a factory nose down appearance an optional 1" rear block kit is available.



FEATURES & BENEFITS

- Mild lift height of 4" for use of 35" tall tires
- Tubular upper control arms include heavy duty extended range ball joints that provide an additional 2" of travel over stock
- No loss of ground clearance
- No cutting, welding or drilling required for installation
- Optional front Dual Shock System provides increased damping capacity for offroad use



2011 GM K2500HD/K3500HD

4" Ultimate System w/ Performance Shocks (20)(114)

Use 35/13.50R18 tires w/18x9 wheels w/5 3/4" BS w/minor trimming
Use 35/13.50R20 tires w/ 20x10 wheels w/ 5 3/4" BS w/ minor trimming

K1055 - Kit# w/Performance Shocks

1 FTS21108 4" GM System w/Perf Shocks

4" Ultimate System w/ Dirt Logic 2.25 Non Resi Shocks (20)(114)

Use 35/13.50R18 tires w/18x9 wheels w/5 3/4" BS w/minor trimming
Use 35/13.50R20 tires w/ 20x10 wheels w/ 5 3/4" BS w/ minor trimming

K1056DB - Kit# w/Black Dirt Logic Shocks

1 FTS21109 4" GM System w/DL Shocks

4" Ultimate System w/o Shocks (20)(114)

Use 35/13.50R18 tires w/18x9 wheels w/5 3/4" BS w/minor trimming
Use 35/13.50R20 tires w/ 20x10 wheels w/ 5 3/4" BS w/ minor trimming

1 FTS21104 4" GM System

REAR LIFT OPTIONS

2011 K2500HD

1 FTS21110 1" Rear Block & U-bolt Kit

2011 K3500HD

1 FTS21111 1" Rear Block & U-bolt Kit

FOOTNOTES

20. Will not fit standard cab models.
114. Will not fit 17" wheels. Stock 18" and 20" tires and wheels can be used. Larger tires can not be installed on stock wheels.

ACCESSORIES

Multiple Front Shock System
DEF Tank Skid Plate
Performance Steering Stabilizer

*For 2WD applications call Fabtech.

2011 GM K2500HD
• 4" ULTIMATE SYSTEM
• 35/13.50R18 TIRES
• 18X9 WHEELS W/ 5 3/4" BACK SPACING



GM 2011 HD RTS™ SYSTEM

4 WD **6"** KIT **RUN** 37" TIRES



RTS™
RAISED TORSION SYSTEM

Fabtech's cutting edge RTS™ system utilizes a patent pending bracket system that keep the torsion bars raised up, in the stock location. This feature provides superior ground clearance at the side frame rails as there are no torsion bars hanging down to become high centered on or damaged when offroading.

The 6" RTS™ system has been designed with unitized bracketry to retain the four front compression stops of the vehicle as GM intended. This distributes impact loads across a wide section of the frame rather than at a single point.

High arched crossmembers and front differential skid plate are constructed of 1/4" thick steel to resist bending from hard front suspension impacts. Only 1/4" thick steel provides the rigidity and strength necessary to relocate the torsion bars, bump stops and lower control arms properly.

Minimal heavy duty bracketry allow for a fast installation time with only two holes to drill and no cutting of the front diff housing. The 6" RTS™ system allows the use of both 18" and 20" diameter wheels.

HOW IT WORKS

The RTS™ bracket raises the torsion bar up on the factory lower control arm while incorporating double bump stops and lower shock mounts for both single and dual shocks.



BUMP STOPS

Retains all four factory front bumps stops spreading the impact load over a large section of the frame rather than at a single side point.



TIE RODS

RTS™ System includes heavy duty oversized outer tie rods designed for big tires and offroad use.



FABTECH

STOCK

U-BOLTS

Fabtech provides larger diameter rear axle U bolts for increased strength not thinner smaller diameter like some other suspensions.



FABTECH

OTHERS



OTHERS

FABTECH RTS™

Track Width

Maintains the factory track width keeping the tires under the fenders for a clean appearance.

MAXIMUM GROUND CLEARANCE!



Fabtech RTS™
No loss of ground clearance



Other Systems
Loss of ground clearance

GM 2011
K2500HD/3500HD

4 **6"** **RUN**
WD **KIT** **37"**
TIRES

GM 2011
K2500HD/3500HD



2011 GM K2500HD W/ 37" TIRES
 • 6" RTSM™ SYSTEM
 • 355/65R18 TIRES
 • 18X9 WHEELS W/ 5 3/4" BACK SPACING

Features and Benefits

- Torsion bars remain raised up in the stock frame location
- Crossmembers constructed of 1/4" thick steel, 33% more strength than 3/16"
- Torsion bar brackets index the torsion bars correctly for smooth operation
- Retains the factory designed four compression stop front suspension configuration
- Unitized bracketry provides strength with a fast install time
- 3" wide rear lift blocks with integrated compression stops provide full width support to the wide 2011 model rear springs
- Rigorously tested on and offroad to ensure proper functionality and strength



2011 GM K2500HD W/ 35" TIRES
 • 6" RTSM™ SYSTEM
 • 35/13.50R20 TIRES
 • 20X10 WHEELS W/ 5 3/4" BACK SPACING

2011 GM K2500HD

6" RTSM™ System (60)

Use 35/13.50R18 tires w/18x9 wheels w/5 3/4" BS w/minor trimming
 Use 35/13.50R20 tires w/ 20x10 wheels w/ 5 3/4" BS w/ minor trimming
 Use 355/65R18 tires w/18x9 wheels w/5 3/4" BS w/minor trimming
 Use 37/13.50R20 tires w/20x10 wheels w/5 3/4" BS w/minor trimming

K1046 - Kit# w/Performance Shocks

K1046DB - Kit# w/Black Dirt Logic Shocks

1	FTS21092	Component Box 1
1	FTS21093	Component Box 2
1	FTS21094	Component Box 3

Order below front & rear Performance or Dirt Logic Shocks

2	FTS7338	Front Performance Shocks
2	FTS7333	Rear Performance Shocks
2	FTS810881	Front Dirt Logic 2.25 Non Resi
2	FTS810891	Rear Dirt Logic 2.25 Non Resi

2011 GM K3500HD

6" RTSM™ System (60)(103)

Use 35/13.50R18 tires w/18x9 wheels w/5 3/4" BS w/minor trimming
 Use 35/13.50R20 tires w/ 20x10 wheels w/ 5 3/4" BS w/ minor trimming
 Use 355/65R18 tires w/18x9 wheels w/5 3/4" BS w/minor trimming
 Use 37/13.50R20 tires w/20x10 wheels w/5 3/4" BS w/minor trimming

K1051 - Kit# w/Performance Shocks

K1051DB - Kit# w/Black Dirt Logic Shocks

1	FTS21092	Component Box 1
1	FTS21093	Component Box 2
1	FTS21097	Component Box 3

Order below front & rear Performance or Dirt Logic Shocks

2	FTS7338	Front Performance Shocks
2	FTS7333	Rear Performance Shocks
2	FTS810881	Front Dirt Logic 2.25 Non Resi
2	FTS810891	Rear Dirt Logic 2.25 Non Resi

FOOTNOTES

60. Fits extended and crew cab models only.
 103. For dually models order FTS20528 spare tire wheel spacer.

ACCESSORIES

Single Performance Steering Stabilizer
 Dual Steering Stabilizer
 Multiple Front Shock System
 DEF Tank Skid Plate

GM 01-10
K2500HD

4 WD
6" KIT
RUN 35" TIRES

GM 01-10
K2500HD

6" RTS™ SYSTEM

The RTS™ (Raised Torsion Suspension) system for early model GM HD's has been designed to meet the needs of the active enthusiast with superior ground clearance for offroad while providing a clean appearance on the highway.

This system utilizes torsion bar brackets that keep the torsion bars raised up, in the stock location. This feature provides exceptional ground clearance at the side frame as there is no torsion bars hanging down to become high centered on or damaged when offroading.

The RTS™ system has been designed with unitized bracketry reducing the installation time and providing increased strength. Our signature high arched crossmembers are constructed of 1/4" thick steel and feature tubular cross braces with a 1/4" thick steel front differential skid plate. The construction of the crossmembers, using 1/4" thick steel, is an important part of this system. Only 1/4" thick steel provides the rigidity and strength in the bracketry to properly handle large 35" diameter tires for highway and offroad use.

Fabtech has performed rigorous on and offroad testing of this RTS™ system to establish the proper bump stop engagement, torsion bar location and shock valving for a superior performing suspension system.



TYPICAL 6" SYSTEM

RTS™ 6" SYSTEM

On typical systems (left) the torsion bar connects to the stock lower control arm. This type of system requires the torsion bars to be relocated down below the frame resulting in loss of ground clearance. Our RTS™ bracket system (right) provides new bump stop locations while relocating the torsion bar on top of the lower control arm.



TYPICAL 6" SYSTEM

RTS™ 6" SYSTEM

A typical system (left) relocates the torsion bars down below the bottom of the frame via brackets at the torsion bar crossmember. The RTS™ system (right) keeps the torsion bars raised up in the factory frame position. Nothing is below the bottom of the frame for maximum ground clearance.



2003 GM K2500HD
• 6" RTS™ SYSTEM
• 325/65R18 TIRES
• 18X8 WHEELS W/ 5" BACK SPACING

FEATURES & BENEFITS

- Torsion bars remain raised up the in the stock frame location.
- Increased ground clearance at the frame by five inches over our Performance 6" system.
- Crossmembers constructed of 1/4" thick steel, 33% more strength than 3/16".
- Torsion bar brackets index the torsion bars correctly for smooth operation.
- Unitized bracketry provides strength with a fast install time.

2001-10 GM K2500HD

6" RTS™ System (4)(12)(50)

Use 315/75R16 tires w/16x8 wheels w/4 5/8" BS w/minor trimming
Use 315/70R17 tires w/17x8 wheels w/4 5/8" BS w/minor trimming
Use 325/65R18 tires w/18x8 wheels w/5" BS w/minor trimming
Use 35/12.50R20 tires w/ 20x8.5 wheels w/4 3/4" BS w/minor trimming

K1045 - Kit# w/Performance Shocks

K1045DB - Kit# w/Black Dirt Logic Shocks

1	FTS21089	Component Box 1
1	FTS21090	Component Box 2

Order below front & rear Performance or Dirt Logic Shocks

2	FTS7191	Front Performance Shocks
2	FTS7333	Rear Performance Shocks
2	FTS810171	Front Dirt Logic 2.25 Non Resi
2	FTS810181	Rear Dirt Logic 2.25 Non Resi

FOOTNOTES

4. Larger tires cannot be installed on OEM wheels.
12. Does not fit models with Quadrasteer.
50. The installation of this kit requires welding.

ACCESSORIES

Performance Steering Stabilizer
Dual Steering Stabilizer
Multiple Front Shock System
Dirt Logic 2.25 Rear Resi Shocks
Traction Bars
Tie Rod System

GM 01-10
K2500HD/K3500

4 WD **6"** KIT **RUN** 35" TIRES

GM 01-10
K2500HD/K3500

6" PERFORMANCE SYSTEM

Our 6" system for 2001-10 GM HD's has been designed to provide superior suspension performance for daily driving or for offroad. This is accomplished using our proven one piece lower control arm crossmembers and extended length steering knuckles with a multitude of shock absorber options. The 1/4" thick arched lower control arms crossmembers include an integrated front differential skid plate, crossmembers support tubes and rear impact struts to distribute front suspension impact loads through the frame evenly. A new knuckle design was introduced in 2007 with this system that provides reduced track width to keep the tires under the fenders. This system also includes torsion bar drop mounts, extended length sway bar links with urethane bushings, front and rear bump stop brackets, and rear blocks.



2004 GM K2500HD
• 6" PERFORMANCE SYSTEM
• 325/65R18 TIRES
• 18X8 WHEELS W/ 5" BACK SPACING

2001-10 GM K2500HD/K3500

6" Performance System (3)(4)(12)(50)

Use 315/75R16 tires w/16x8 wheels w/4 5/8" BS w/minor trimming
Use 315/70R17 tires w/17x8 wheels w/4 5/8" BS w/minor trimming
Use 325/65R18 tires w/18x8 wheels w/5" BS w/minor trimming
Use 35/12.50R20 tires w/20x8.5 wheels w/4 3/4" BS w/minor trimming

K1014 - Kit# w/Performance Shocks

K1014DB - Kit# w/Black Dirt Logic Shocks

1 FTS21008BK Component Box 1
1 FTS21009BK Component Box 2

Order below front & rear Performance or Dirt Logic Shocks

2 FTS7191 Front Performance Shocks
2 FTS7333 Rear Performance Shocks
2 FTS810171 Front Dirt Logic 2.25 Non Resi
2 FTS810181 Rear Dirt Logic 2.25 Non Resi

FOOTNOTES

3. Non dually models only.
4. Larger tires cannot be installed on OEM wheels.
12. Does not fit models with Quadrateer.
50. The installation of this kit requires welding.

ACCESSORIES

Performance Steering Stabilizer
Dual Steering Stabilizer
Multiple Front Shock System
Dirt Logic 2.25 Rear Resi Shocks
Traction Bars
Tie Rod System

GM 01-08
K2500HD/K3500

4 WD
8" KIT
RUN 37"
TIRES

GM 01-08
K2500HD/K3500

2008 GM K2500HD
• 8" PERFORMANCE SYSTEM
• 37/14.40R18 TIRES
• 18X9 WHEELS W/ 5" BACK SPACING



8" PERFORMANCE SYSTEM

The 8" Performance Suspension System is accomplished via one-piece cast drop down steering knuckles attaching to heavy-duty 1/4" thick, high arched lower control arm crossmembers with tubular upper control arms. Fabtech's combination of steering knuckle, high arched crossmembers and upper control arms provides an excellent ride quality with high ground clearance. This system will provide a true 8 inches of lift without adjustment to the torsion bars allowing the use of 37" tall tires. The front differential is properly relocated to eliminate front driveshaft vibration on 2001-06 vehicles with the stock driveshaft. On late model 2007-08 vehicles with Magna 1625 transfer cases the system requires the use of a CV front driveshaft to address high speed 4WD use. New tubular upper control arms fit into the stock frame pockets using urethane bushings. Upper control arms include double shock mounting tabs for integration with Fabtech's optional front dual shock hoop system. The front suspension is completed with an differential skid plate, tubular crossmember supports and impact struts while the torsion bar drop down brackets properly align the torsion bars to the relocated stock lower control arms. The rear suspension is lifted using a 4" block kit with 2" add a leafs. The system is completed with rear bump stop brackets and a rear driveshaft carrier bearing drop bracket.



2007-08 GM K2500HD/K3500

8" Performance System (3)(10)(12)(14)(15) (21)

Use 37/12.50R17 tire w/ 17x9 wheels w/ 4-5/8" BS w/ minor trimming
Use 37/14.00R18 tire w/ 18x9 wheels w/ 5" BS w/ minor trimming
Use 37/13.50R20 tires w/ 20x10 wheels w/ 5" BS w/ minor trimming

K1030 - Kit# w/Performance Shocks

K1030DB - Kit# w/Black Dirt Logic Shocks

- 1 FTS21068BK Component Box 1
- 1 FTS21012BK Component Box 2
- 1 FTS21013BK Component Box 3

Order below front & rear Performance or Dirt Logic Shocks

- 2 FTS7192 Front Performance Shocks
- 2 FTS7266 Rear Performance Shocks
- 2 FTS810201 Front Dirt Logic 2.25 Non Resi
- 2 FTS810211 Rear Dirt Logic 2.25 Non Resi

2001-06 GM K2500HD/K3500

8" Performance System (3)(10)(12)(14)(15)

Use 37/12.50R17 tire w/ 17x9 wheels w/ 4-5/8" BS w/ minor trimming
Use 37/14.00R18 tire w/ 18x9 wheels w/ 5" BS w/ minor trimming
Use 37/13.50R20 tires w/ 20x10 wheels w/ 5" BS w/ minor trimming

K1015 - Kit# w/Performance Shocks

K1015DB - Kit# w/Black Dirt Logic Shocks

- 1 FTS21011BK Component Box 1
- 1 FTS21012BK Component Box 2
- 1 FTS21013BK Component Box 3

Order below front & rear Performance or Dirt Logic Shocks

- 2 FTS7192 Front Performance Shocks
- 2 FTS7266 Rear Performance Shocks
- 2 FTS810201 Front Dirt Logic 2.25 Non Resi
- 2 FTS810211 Rear Dirt Logic 2.25 Non Resi

FOOTNOTES

- 3. Non dually models only.
- 10. Requires welding, exhaust, and possible front drive shaft mods.
- 12. Does not fit models with Quadrateer.
- 14. Can not use OEM wheel and tire.
- 15. Will experience some loss of turning radius.
- 21. Front driveshaft modification required or order CV driveshaft (FTS91004)

ACCESSORIES

- Performance Steering Stabilizer
- Dual Steering Stabilizer
- Multiple Front Shock System
- Dirt Logic 2.25 Rear Resi Shocks
- Traction Bars
- Tie Rod System
- Replacement Front CV Driveshaft

GM 01-11 ACCESSORIES

2001-10 HD MULTIPLE SHOCK SYSTEMS

Increase the dampening capacity of your vehicle with the addition of multiple shocks to the front suspension. These tubular Multiple Shock hoops bolt to the frame and do not require cutting of the inner fenderwell, keeping mud and water away from the motor. The tubular 1-1/2" diameter shock hoops allow the installation of four Performance or Dirt Logic 2.0 Resi Shocks.



6" Multiple Front Shock System

2001-10 GM K2500HD/K3500

K1043 - Kit# w/Performance Shocks

K1043DB - Kit# w/Black Dirt Logic Shocks

1 FTS51010BK Component Box

Order below front Performance or Dirt Logic Shocks

4 FTS7052 Front Performance Shocks

4 FTS800511 Front Dirt Logic 2.0 Resi

Black Billet Resi Clamp

4 FTS899181 Shock Body To Resi

8" Multiple Front Shock System

2001-08 GM K2500HD/K3500

K1044 - Kit# w/Performance Shocks

K1044DB - Kit# w/Black Dirt Logic Shocks

1 FTS51011BK Component Box

Order below front Performance or Dirt Logic Shocks

4 FTS7129 Front Performance Shocks

4 FTS800161 Front Dirt Logic 2.25 Resi

Black Billet Resi Clamp

4 FTS899001 Shock Body To Resi

2011 HD MULTIPLE SHOCK SYSTEMS

Our Multiple Shock system for 2011 GM HD's features an upper hoop constructed of 1.5" OD x .120 wall DOM tubing that attaches to the frame with the lower mount fastening to the stock lower control arm. This design places the shock load on the frame and large lower control arm as the factory intended it for increased strength and ball joint longevity. System allows use of Performance Shocks or Dirt Logic 2.0 Resi Shocks that have been extensively tuned for a quality ride both on and offroad.



4" Multiple Front Shock System

Includes Hoops and Shocks

2011 GM K2500HD/K3500HD

1 FTS21113 Hoops w/4 Performance Shocks

1 FTS21114 Hoops w/4 Dirt Logic 2.0 Resi

Separate Components

1 FTS21112 Multiple Shock Hoops Only

4 FTS7163 Front Performance Shocks

4 FTS800971 Front Dirt Logic 2.0 Resi

Black Billet Resi Clamp

4 FTS899061 Resi To Hoop

6" RTS™ Multiple Front Shock System

Includes Hoops and Shocks

2011 GM K2500HD/K3500HD (76)

1 FTS21101 Hoops w/4 Performance Shocks

1 FTS21102 Hoops w/4 Dirt Logic 2.0 Resi

Separate Components

1 FTS21100 Multiple Shock Hoops Only

4 FTS7182 Front Performance Shocks

4 FTS800901 Front Dirt Logic 2.0 Resi

Black Billet Resi Clamp

4 FTS899061 Resi To Hoop

DEF SKID PLATE

GM's new DEF (Diesel Exhaust Fluid) tank on 2011 diesel model HD's is located behind the passenger side front tire hanging down below the bottom of the frame. This location makes the tank vulnerable to impacts from flying rocks and the potential of being crushed from offroad obstacles. Fabtech offers a 3/16" thick steel skid plate that protects the plastic DEF tank from these types of hazards ensuring puncture and dent resistance for trouble free offroad use. The skid plate has a unique appearance with an embossed Fabtech nameplate with front, side and back wrapping panels that are stitch welded for maximum protection. Only Fabtech offers these features ensuring proper protection for all types of terrain.



2011 GM K2500HD/K3500HD

1 FTS21095 DEF Skid Plate



TIE RODS

Extra large diameter replacement Tie Rod assemblies resist bending and breakage when running large tires offroad. Directly replaces OE units and attaches to the stock centerlink, with Fabtech suspension.

2011 GM K2500HD/K3500HD (3)(76)

1 FTS71006 Tie Rods

2001-10 GM K2500HD/K3500 (3)(77)

1 FTS71002 Tie Rods

STEERING STABILIZERS

2011 GM K2500HD/K3500HD (3)

1 FTS8028 Single Performance

2001-10 GM K2500HD/K3500 (3)

1 FTS8004 Single Performance

1 FTS8010 Dual Performance (3)(78)



REPLACEMENT FRONT CV DRIVESHAFT

This heavy duty double cardian front driveshaft has been designed to work in conjunction with our 8" 2007-08 HD systems. This specialty driveshaft has been built to provide vibration free driveline operation in 4WD high at highway speeds.

2007-08 GM K2500HD/K3500

1 FTS91004 For use with 8" Systems

TRACTION BARS

Obtain increased traction while reducing axle wrap and driveline vibration with our gusseted tubular Traction Bar System. Proper geometry of the bar allows full travel and articulation of the rear axle without binding.



2001-10 GM K2500HD/K3500 (3)(79)

1 FTS61002BK 6"/8" Fixed Mount

BLACK REAR DIRT LOGIC RESI SHOCKS

2011 GM K2500HD/K3500HD

2 FTS800891 6" Rear Dirt Logic 2.25 Resi

2001-10 GM K2500HD/K3500

2 FTS800181 6" Rear Dirt Logic 2.25 Resi

2 FTS800211 8" Rear Dirt Logic 2.25 Resi

Black Billet Resi Clamp

2 FTS899001 Shock Body to Resi

FOOTNOTES

3. Non dually models only.

76. Requires installation of 6" RTS™ System.

77. For use with Fabtech suspension systems only.

78. Cannot be used with FTS71002 tie rod kit.

79. Fits crew cab short bed models only.