



## INSTALLATION INSTRUCTIONS

FTS22336		UNIBALL UCA SYSTEM
1	FT30972	UNIBALL UPPER CONTROL ARM (DRIVER)
1	FT30973	UNIBALL UPPER CONTROL ARM (PASSENGER)
1	FT30978	HARDWARE SUBASSEMBLY

FT30978		HARDWARE SUBASSEMBLY
1	FT30981	HARDWARE KIT
8	FT1037	HALF BUSHING
1	FT22336i	INSTRUCTIONS
4	FT20836	2.380 X .563 X 2.865 WASHER
4	FT30965	BUSHING SPACER
4	FT30971	SLEEVE
2	FT90152	MISALIGNMENT (UPPER)
2	FT90153	MISALIGNMENT (LOWER)
1	FT94535	UNIBALL ADAPTER PIN
1	FTAS12	STICKER FT BLUE
1	FTAS16	DRIVER WARNING DECAL
1	FTLUBE	URETHANE GREASE PACKET
1	FTREGCARD	REGISTRATION CARD

FT30981 - HARDWARE KIT		LOCATION
2	1/2-20 x 1" 12-POINT CAP BOLT	
2	9/16-18 C-LOCK NUT	
2	9/16" SAE WASHER	
1	THREAD LOCKING COMPOUND	
1	M14-2.0 C-LOCK NUT	
4	1/4-20 ZERK FITTING	

## 2021-2022 FORD BRONCO 4WD

### UNIBALL UPPER CONTROL ARM KIT

### FTS22336

**NOTE:** TO ORDER WEARABLE REPLACEMENT COMPONENTS DO NOT USE PART NUMBERS SHOWN ON THIS INSTRUCTION SHEET. GO TO FABTECH WEBSITE AND LOOK UP WEARABLE REPLACEMENT PARTS TO FIND THE PROPER PART NUMBER TO ORDER.

**Fabtech Motorsports** | 4331 Eucalyptus Ave. Chino, CA 91710

**Tech Line:** 909-597-7800 | **Fax:** 909-597-7185 | **Web:** [www.fabtechmotorsports.com](http://www.fabtechmotorsports.com)

## - TOOL LIST -

### **Required Tools (Not Included)**

Basic Hand Tools  
Floor Jack  
Jack Stands  
Assorted Metric and S.A.E sockets, and Allen wrenches  
Torque Wrench

## - PRE-INSTALLATION NOTES -

For technical assistance call: **909-597-7800** or e-mail: **info@fabtechmotorsports.com**

### **READ THIS BEFORE YOU BEGIN INSTALLATION -**

Check all parts to the parts list above before beginning installation. If any parts are missing contact Fabtech at 909-597-7800 and a replacement part will be sent to you immediately.

This suspension and shocks have been designed to be installed on a stock vehicle.

Read all instructions thoroughly from start to finish before beginning the installation. If these instructions are not properly followed severe frame, driveline and / or suspension damage may occur.

Check your local city and state laws prior to the installation of this system for legality. Do not install if not legal in your area.

Prior to the installation of this suspension system perform a front end alignment and record. Do not install this system if the vehicle alignment is not within factory specifications. Check for frame and suspension damage prior to installation.

The installation of this suspension system should be performed by two professional mechanics. This suspension must be installed with Fabtech shock absorbers.

Installation of all fasteners requires the use of provided thread locking compound with proper torque values as indicated throughout the installation. Apply thread locking compound upon the final torque of the fastener.

**WARNING-** Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death.

Vehicles that receive oversized tires should check ball joints, uniballs, tie rods ends, pitman arm and idler arm every 2500-5000 miles for wear and replace as needed.

Verify differential fluid is at manufactures recommended level prior to kit installation. Installation of the kit will reposition the differential and the fill plug hole may be in a different position. (For example, if the manufacture recommends 3 quarts of fluid, make sure the diff has 3 quarts of fluid). Check your specific manual for correct amount of fluid.

Read all warnings and warranties on the last page of these instructions before starting installation.

### **FOOTNOTES -**

-

# - INSTRUCTIONS -

## FRONT SUSPENSION

1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the front tires.
2. Remove the inner fender liners, save all hardware.
3. Locate the steering linkage. Using a paint pen mark a line on the both the u-joint and at the firewall. Remove the bolt and slide the linkage away towards the firewall. Do not rotate the shaft. **SEE FIGURE 1**

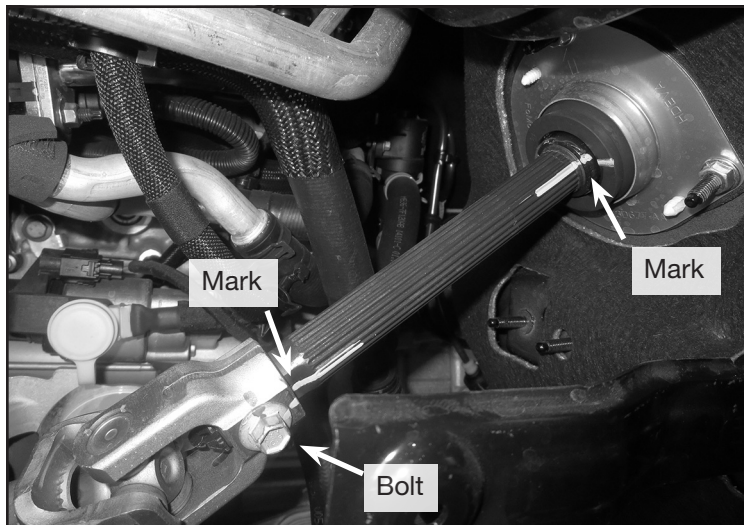


FIGURE 1 - STEP 3

4. Disconnect the upper control arm from the spindle.
5. Remove the upper control arm nut then slide the bolt out to remove the factory control arm. Save hardware.
6. Install four FT1037 (Bushings), two FT30971 (Sleeves) and two zerk fittings into each of the new upper control arms. **NOTE: The sleeves will be flush with the outside of the bushing. SEE FIGURE 2**

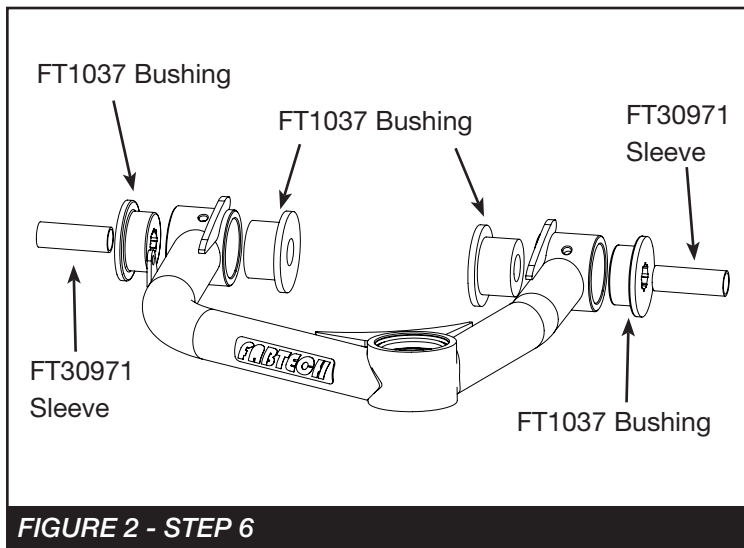


FIGURE 2 - STEP 6

7. Attach two FT30965 (Bushing spacer) onto the sleeves. **SEE FIGURE 3**

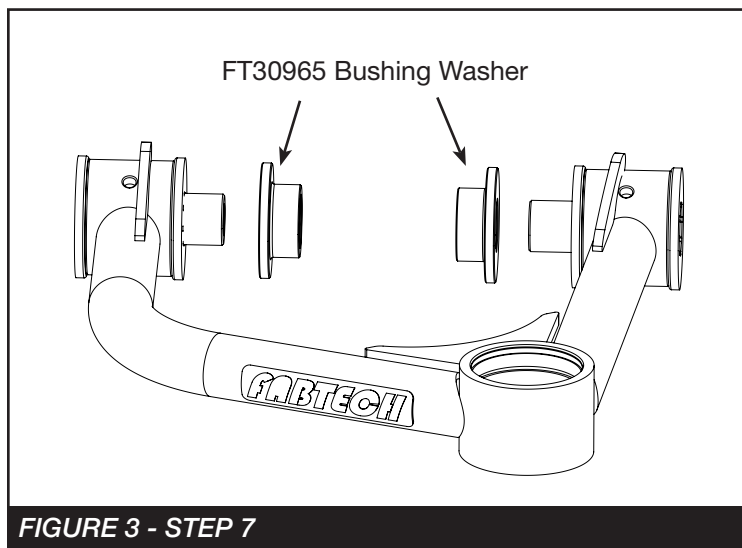


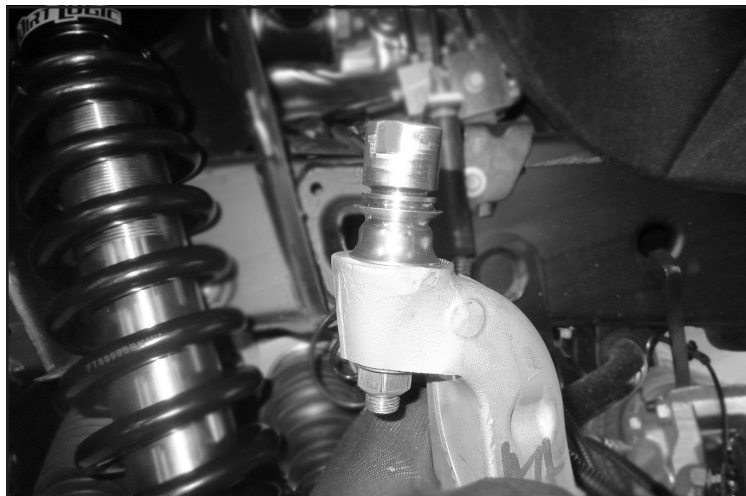
FIGURE 3 - STEP 7

8. Install FT30972 (Driver upper control arm) onto the vehicle using the factory bolt, supplied M14 nut and two FT20836 (washers) on the outside of the bushings. **NOTE: Apply grease to the side of the FT20836 that will make contact with the bushing. SEE FIGURE 4**



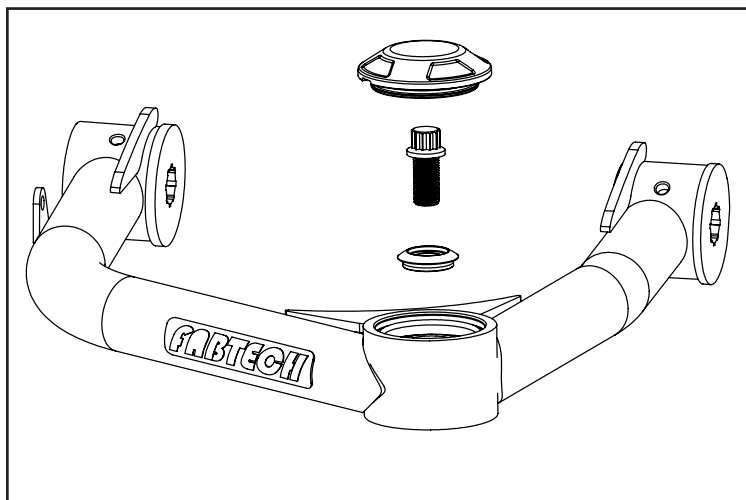
FIGURE 4 - STEP 8

9. Install FT90153 (Lower misalignment) onto FT94535 (Uniball Pin). Then, install into the factory control arm using the supplied 9/16" nut and washer. Torque the nut to 135 ft-lbs. **SEE FIGURE 5**



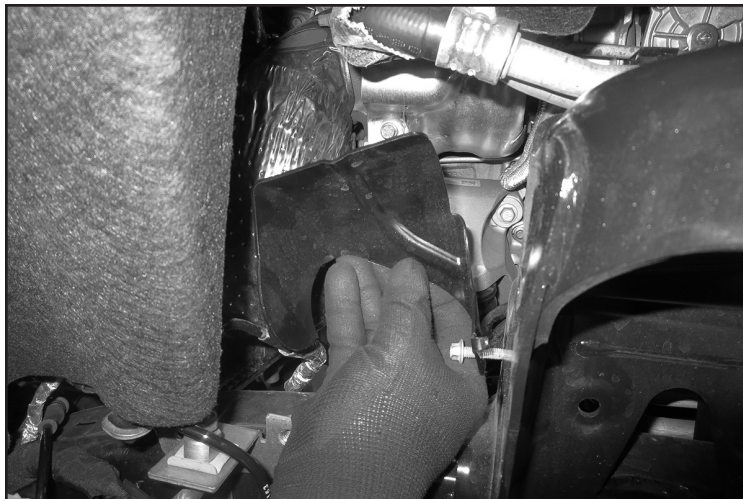
**FIGURE 5 - STEP 9**

10. Attach the new upper control arm to the knuckle by inserting the FT90152 (Upper misalignment) into the uniball bearing then the 1/2-20 - 12 point bolt. Torque to 106 ft-lbs. Install FT90154 (Bearing cap). Torque the control arm pivot bolt to 148 ft-lbs **SEE FIGURE 6**



**FIGURE 6 - STEP 10**

11. Reinstall the steering linkage and inner fender liner.
12. Repeat steps on the passenger side. **NOTE: The bracket on the passenger side upper strut mount will need to be removed to get the upper control arm bolt out. SEE FIGURE 7**



**FIGURE 7 - STEP 12**

13. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications. Turn front tires left to right and check for appropriate tire clearance. **Note** - Some oversized tires may require trimming of the front bumper & valance.
14. Check front end alignment and set to factory specifications. Readjust headlights.
15. Recheck all bolts for proper torque. **RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER UNTIL TORQUE VALUES ARE RETAINED.**
16. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.
17. Check the fluid in the front and rear differential and fill if needed with factory specification differential oil. **Note** - some differentials may expel fluid after filling and driving. This can be normal in resetting the fluid level with the new position of the differential/s.
18. Check ball joints, uniballs bearings, bushings and all steering components every 2500-5000 miles for wear and replace as required.
19. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.
20. Review all included warnings and warranties with consumer

For technical assistance call: **909-597-7800**



# **- Product Warranty & Warnings -**

Fabtech provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following Fabtech items; bushings, bump stops, ball joints, Uniball bearings, tie rod ends, limiting straps, cross shafts, heim joints and driveshafts. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Dirt Logic take apart shocks are considered a serviceable shock with a 1-year warranty against any manufacturer's defects. If a shock fails within the initial year of ownership, the owner must ship the shock to Fabtech for inspection and service. If after examination the shock is determined to have failed due to neglect, damage caused by improper installation, or any reason other than "normal wear and tear," the owner of the shock will be responsible for all service costs. Costs include labor, parts, and shipping. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powder coating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping, which is considered normal and is not covered under warranty.

Fabtech products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. This warranty does not include coverage for police, taxi, first responder vehicles, race vehicles, or vehicles used for government, commercial or fleet purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death.

Oversized tires and wheels may decrease the vehicle's braking capacity. Drivers should always brake early and be aware of the increased the stopping distance of the vehicle. Drivers should adjust their driving habits to the effectiveness of the braking. Adjust your driving habits to these changes.

Failure to drive safely may result in serious injury or death to driver and passengers. Driver and passengers must ALWAYS wear your seat belts, avoid quick sharp turns and other sudden maneuvers



## INSTALLATION INSTRUCTIONS

FTS22338		REAR LOWER LINK KIT
2	FT30975	REAR LOWER LINK ARM
1	FT30982	HARDWARE SUBASSEMBLY

FT30982		HARDWARE SUBASSEMBLY
4	FT1038	HALF BUSHING
1	FT22338i	INSTRUCTIONS
4	FT30967	MISALIGNMENT
2	FT30968	SLEEVE
1	FT30980	HARDWARE KIT
1	FTAS12	STICKER FT BLUE
1	FTAS16	DRIVER WARNING DECAL
1	FTLUBE	URETHANE GREASE PACKET
1	FTREGCARD	REGISTRATION CARD

FT30980 - HARDWARE KIT		LOCATION
1	M16-2.0 X 120MM HEX BOLT	
1	M16 FLAT WASHER	
1	THREAD LOCKING COMPOUND	
2	1/4-20 ZERK FITTING	

## 2021-2022 FORD BRONCO 4WD REAR LOWER LINK KIT FTS22338

**NOTE:** TO ORDER WEARABLE REPLACEMENT COMPONENTS DO NOT USE PART NUMBERS SHOWN ON THIS INSTRUCTION SHEET. GO TO FABTECH WEBSITE AND LOOK UP WEARABLE REPLACEMENT PARTS TO FIND THE PROPER PART NUMBER TO ORDER.

**Fabtech Motorsports** | 4331 Eucalyptus Ave. Chino, CA 91710

**Tech Line:** 909-597-7800 | **Fax:** 909-597-7185 | **Web:** [www.fabtechmotorsports.com](http://www.fabtechmotorsports.com)

## - TOOL LIST -

### **Required Tools (Not Included)**

Basic Hand Tools  
Floor Jack  
Jack Stands  
Assorted Metric and S.A.E sockets, and Allen wrenches  
Torque Wrench  
Sawzall or Cut off wheel

## - PRE-INSTALLATION NOTES -

For technical assistance call: **909-597-7800** or e-mail: **info@fabtechmotorsports.com**

### **READ THIS BEFORE YOU BEGIN INSTALLATION -**

Check all parts to the parts list above before beginning installation. If any parts are missing contact Fabtech at 909-597-7800 and a replacement part will be sent to you immediately.

This suspension and shocks have been designed to be installed on a stock vehicle.

Read all instructions thoroughly from start to finish before beginning the installation. If these instructions are not properly followed severe frame, driveline and / or suspension damage may occur.

Check your local city and state laws prior to the installation of this system for legality. Do not install if not legal in your area.

Prior to the installation of this suspension system perform a front end alignment and record. Do not install this system if the vehicle alignment is not within factory specifications. Check for frame and suspension damage prior to installation.

The installation of this suspension system should be performed by two professional mechanics.

Installation of all fasteners requires the use of provided thread locking compound with proper torque values as indicated throughout the installation. Apply thread locking compound upon the final torque of the fastener.

**WARNING-** Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death.

Vehicles that receive oversized tires should check ball joints, uniballs, tie rods ends, pitman arm and idler arm every 2500-5000 miles for wear and replace as needed.

Verify differential fluid is at manufactures recommended level prior to kit installation. Installation of the kit will reposition the differential and the fill plug hole may be in a different position. (For example, if the manufacture recommends 3 quarts of fluid, make sure the diff has 3 quarts of fluid). Check your specific manual for correct amount of fluid.

Read all warnings and warranties on the last page of these instructions before starting installation.

### **FOOTNOTES -**

-

## - INSTRUCTIONS -

1. Disconnect the negative terminal on the battery. Jack up the rear end of the vehicle and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the rear wheels/tires.
2. Remove the factory rear lower link arms. Save hardware. **NOTE: On the passenger side remove the nut on the frame side, then using a cut off wheel or sawzall cut the head off the bolt off and remove it. SEE FIGURES 1-2**

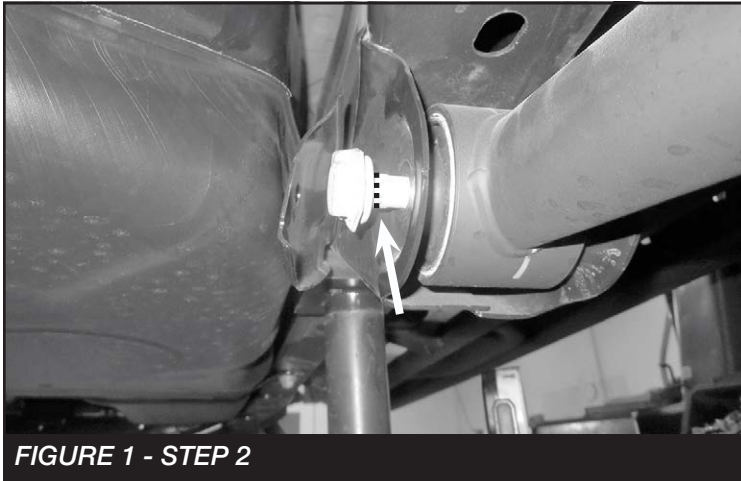


FIGURE 1 - STEP 2

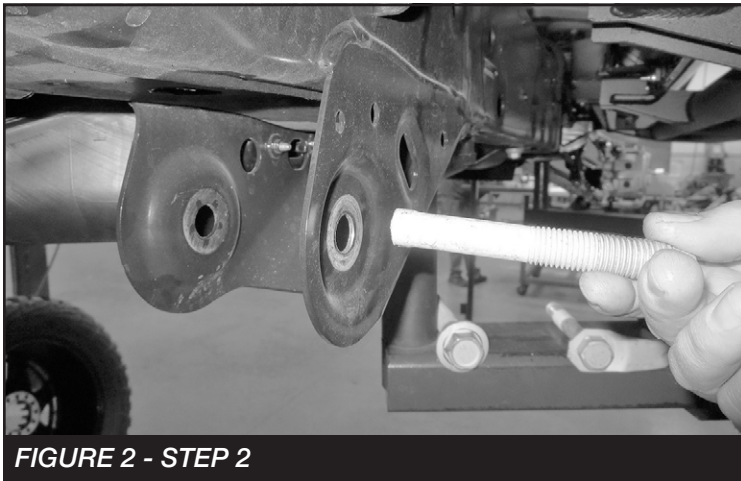


FIGURE 2 - STEP 2

3. Install two FT1038 (Bushings), FT30968 (Sleeve) and zerk fitting into the end of the new FT30975 (Lower link arm) using the supplied grease.
4. Install the new rear lower link arms with the supplied misalignments using the factory hardware. (Zerk fitting will be pointing down). **NOTE: The bushing end will be installed on the frame side and the rod end will be installed on the axle side.** Torque to 180 ft-lbs. Use thread locking compound and tighten the jam nut on the rod end. **SEE FIGURE 3.** The provided M16 bolt will only be used for the passenger frame mount side.



FIGURE 3 - STEP 4

5. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications.
6. Recheck all bolts for proper torque. **RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER UNTIL TORQUE VALUES ARE RETAINED.**
7. Check ball joints, uniballs bearings, bushings and all steering components every 2500-5000 miles for wear and replace as required.
8. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.
9. Review all included warnings and warranties.

For technical assistance call: **909-597-7800**



# **- Product Warranty & Warnings -**

Fabtech provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following Fabtech items; bushings, bump stops, ball joints, Uniball bearings, tie rod ends, limiting straps, cross shafts, heim joints and driveshafts. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Dirt Logic take apart shocks are considered a serviceable shock with a 1-year warranty against any manufacturer's defects. If a shock fails within the initial year of ownership, the owner must ship the shock to Fabtech for inspection and service. If after examination the shock is determined to have failed due to neglect, damage caused by improper installation, or any reason other than "normal wear and tear," the owner of the shock will be responsible for all service costs. Costs include labor, parts, and shipping. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powder coating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping, which is considered normal and is not covered under warranty.

Fabtech products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. This warranty does not include coverage for police, taxi, first responder vehicles, race vehicles, or vehicles used for government, commercial or fleet purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death.

Oversized tires and wheels may decrease the vehicle's braking capacity. Drivers should always brake early and be aware of the increased the stopping distance of the vehicle. Drivers should adjust their driving habits to the effectiveness of the braking. Adjust your driving habits to these changes.

Failure to drive safely may result in serious injury or death to driver and passengers. Driver and passengers must ALWAYS wear your seat belts, avoid quick sharp turns and other sudden maneuvers



	FTS22340	FORD BRONCO 2.25" DLSS RESI (FRONT)
1	FT82074D	2.5" DLSS C/O W/RESI (DRIVER)
1	FT82074P	2.5" DLSS C/O W/RESI (PASSENGER)
2	FT70239	RESI MOUNT
1	FT82074i	INSTRUCTIONS
1	FT86127	HARDWARE KIT

Thank you for purchasing Dirt Logic shocks, the finest off-road shock in the industry. Each unit is built to exacting standards and is properly tuned specifically for your vehicle. Dirt Logic shocks are designed and built to both beautify and upgrade your suspension system.

### **How To Care For Your Dirt Logic Shocks**

Dirt Logic shocks have been designed as a take apart, serviceable, race style unit. That means, just like a race shock, it will need to be maintained and periodically rebuilt. The tight tolerances of this provide the exceptional ride and performance you are paying for but do require maintenance which is normal in a take apart shock like a Dirt Logic.

Externally, the shock should be kept clean at all times and kept free of dirt, road salt or other corrosive elements. The unit should be routinely washed with a pH balanced cleaner to keep the finish looking new. Do not use any abrasive or aggressive cleaners or degreasers as it will harm the finish for life including the aluminum anodizing.

Internally, the shock has high performance seals that allow the shock to cycle at very high rates and provide exceptional damping in aggressive off-road conditions. These seals are a wearable item and may need to be replaced periodically to keep the shock functioning correctly. Our in house Shock Lab is equipped to handle these needs when necessary.

### **Caution – Read Before Installing**

Stop – Call FABTECH customer service if any component of this product is missing. Do not return it to the place of purchase! For technical assistance call: 909-597-7800

This Dirt Logic Shock is shipped pressurized with Nitrogen. Do not remove tamper cap or warranty will be void.

If this shock is equipped with a reservoir hose, do not loosen or remove the hose or warranty will be void.

If this shock is equipped with a coil, be aware that the coil has some amount of preload from the factory and should not be removed. Removal of the coil will void the warranty.

If this shock product needs to be returned for any reason, it must be returned in its original packaging or warranty will be void.

Dirt Logic Shocks come with a one year warranty from the original date of purchase for defects in material or workmanship.

A spanner wrench can be purchased for future adjustment. (FTS89905 for 4.0, FTS98008 for 2.5, FTS98006 for 2.0)

If adjustment is needed. Jack up the vehicle to relieve tension on the Dirt Logic coil over before making adjustments or the top cap may come loose.

Should you have any questions regarding your Dirt Logic Shocks, please feel free to contact us.

## - INSTRUCTIONS -

1. Install the new FT82074D (Driver side coilover) using the supplied 3/8" hardware for the upper mount. Torque to 45 ft-lbs. **SEE FIGURES 1-2**



FIGURE 1 - STEP 1



FIGURE 2 - STEP 1

2. Attach the lower coilover to bar pin to the lower control arm using the supplied 7/16" hardware. Torque to 70 ft-lbs. **SEE FIGURE 3**

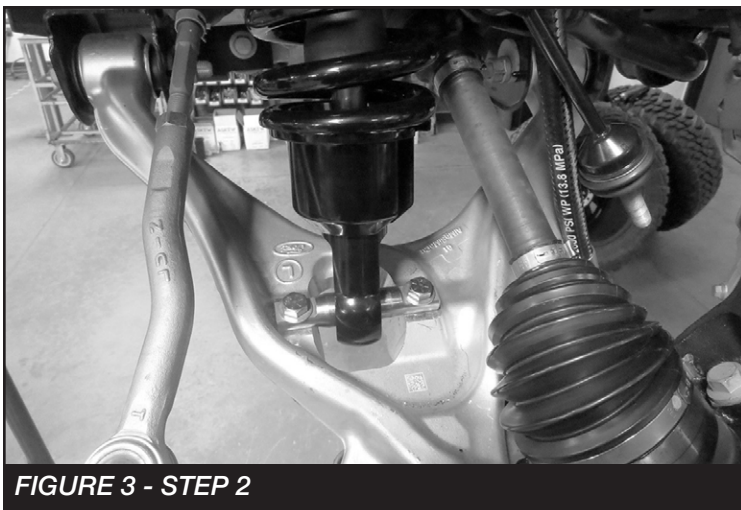


FIGURE 3 - STEP 2

3. Mount the resi mount to the frame by pre drilling 9/32" holes then attach the mount using the supplied self tapping bolts. **SEE FIGURE 4-5**

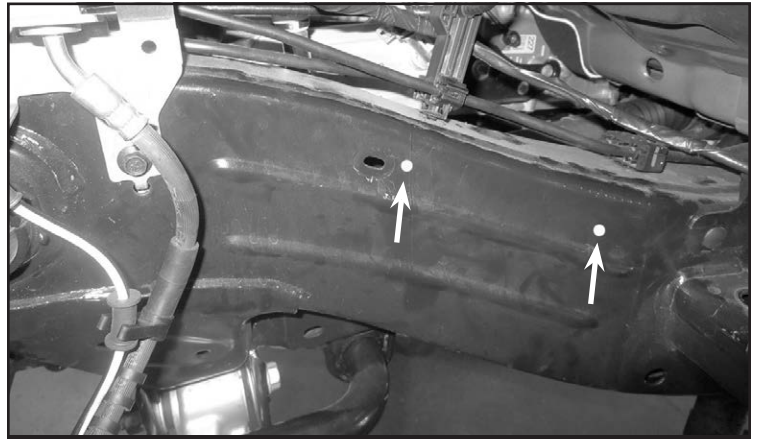


FIGURE 4 - STEP 3

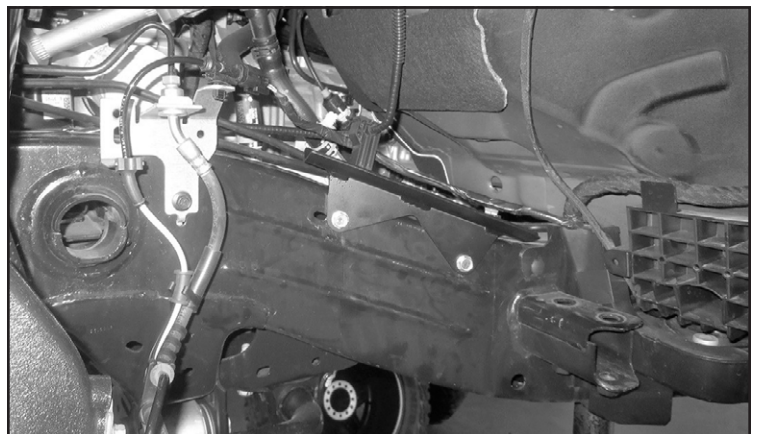


FIGURE 5 - STEP 3

4. Mount the resi to the mount using the supplied clamps. **SEE FIGURE 6**



FIGURE 6 - STEP 4

5. Repeat steps on the passenger side using the FT82074P (Passenger side coilover)
6. Continue with the rest of the installation instructions for the other component parts.

For technical assistance call: **909-597-7800**



## - Product Warranty and Warnings -

Fabtech provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following Fabtech items; bushings, bump stops, ball joints, tie rod ends, limiting straps, cross shafts, heim joints and driveshafts. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Dirt Logic and Performance Coilover take apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powder coating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping, which is considered normal and is not covered under warranty.

Fabtech products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. (A "RACE" is defined as any contest between two or more vehicles, or any contest of one or more vehicle against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death. Fabtech front end Desert Guards may impair the deployment or operation of vehicles equipped with supplemental restraining systems/air bag systems and should not be installed if the vehicle is equipped as so.

Fabtech makes every effort to ensure suspension product compatibility with all vehicles listed on the website, but due to unknown auto manufacturer's production changes and/or inconsistencies by the auto manufacturer, Fabtech cannot be responsible for 100% compatibility, including the fitment of tire and wheel sizes listed. The Tire and Wheel sizes listed in Fabtech's website are only a guideline for street driving with noted fender trimming. Fabtech is not responsible for damages to the vehicle's body or tires. Fabtech is not responsible for premature wear of factory components due to the installation of oversized tires and wheels.

Fabtech's obligation under this warranty is limited to the repair or replacement, at Fabtech option, of the defective product only. All costs of removal, installation or re-installation, freight charges, incidental or consequential damages are expressly excluded from this warranty. Fabtech is not responsible for damages and/or warranty of other vehicle parts related or non related to the installed Fabtech product. This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been subject to accident, negligence, alteration, abuse or misuse as determined by Fabtech.

Fabtech suspension components must be installed as a complete system including shocks as shown on our website. All warranties will become void if Fabtech parts are combined and/or substituted with other aftermarket suspension products. Combination and/or substitution of other aftermarket suspension parts may cause premature wear and/or product failure resulting in an accident causing injury or death. Fabtech does not warrant products not manufactured by Fabtech.

Depending on the condition of the factory suspension components retained after the installation of a Fabtech suspension not all vehicles may have the same ride stance front to rear as described in the website. The blue color of suspension components shown in all Fabtech photographs are for display purposes only. Majority of all Fabtech components will be black specifically where noted with part numbers ending in BK.

Installation of Fabtech product may void the vehicles factory warranty; it is the consumer's responsibility to check with their local vehicle's dealer for warranty disposition before the installation of the product. Some state laws may prohibit modification of suspension to a vehicle in whole or in part. It is the responsibility of the installer and consumer to consult local laws prior to the installation of any Fabtech suspension product to comply with such written laws.

It is the responsibility of the distributor and/or the retailer to review all warranties and warnings of Fabtech products with the consumer prior to purchase.

Fabtech reserves the right to super cede, discontinue, change the design, finish, part number and/or application of parts when deemed necessary without written notice. Fabtech is not responsible for misprints or typographical errors within the website or price sheet. For the most recent Product Warranty and Warnings visit our website [www.fabtechmotorsports.com](http://www.fabtechmotorsports.com).





FTS22341		FORD BRONCO 2.25" DLSS RESI (REAR)
1	FT82075D	2.5" DLSS C/O W/RESI (DRIVER)
1	FT82075P	2.5" DLSS C/O W/RESI (PASSENGER)
2	FT30977	RESI MOUNT
1	FT82075i	INSTRUCTIONS
1	FT86126	HARDWARE SUBASSEMBLY

FT86126		HARDWARE SUBASSEMBLY
4	FT30964	MISALIGNMENT SPACER
1	FT86125	HARDWARE KIT

FT86125		HARDWARE KIT	Location
6	3/8-16 X 1-1/4" HEX HEAD BOLT		UPPER C/O MOUNT
6	3/8" SAE WASHER		
6	3/8" SPLIT LOCK WASHER		
4	RESI CLAMP		

Thank you for purchasing Dirt Logic shocks, the finest off-road shock in the industry. Each unit is built to exacting standards and is properly tuned specifically for your vehicle. Dirt Logic shocks are designed and built to both beautify and upgrade your suspension system.

### **How To Care For Your Dirt Logic Shocks**

Dirt Logic shocks have been designed as a take apart, serviceable, race style unit. That means, just like a race shock, it will need to be maintained and periodically rebuilt. The tight tolerances of this provide the exceptional ride and performance you are paying for but do require maintenance which is normal in a take apart shock like a Dirt Logic.

Externally, the shock should be kept clean at all times and kept free of dirt, road salt or other corrosive elements. The unit should be routinely washed with a pH balanced cleaner to keep the finish looking new. Do not use any abrasive or aggressive cleaners or degreasers as it will harm the finish for life including the aluminum anodizing.

Internally, the shock has high performance seals that allow the shock to cycle at very high rates and provide exceptional damping in aggressive off-road conditions. These seals are a wearable item and may need to be replaced periodically to keep the shock functioning correctly. Our in house Shock Lab is equipped to handle these needs when necessary.

### **Caution – Read Before Installing**

Stop – Call FABTECH customer service if any component of this product is missing. Do not return it to the place of purchase! For technical assistance call: 909-597-7800

This Dirt Logic Shock is shipped pressurized with Nitrogen. Do not remove tamper cap or warranty will be void.

If this shock is equipped with a reservoir hose, do not loosen or remove the hose or warranty will be void.

If this shock is equipped with a coil, be aware that the coil has some amount of preload from the factory and should not be removed. Removal of the coil will void the warranty.

If this shock product needs to be returned for any reason, it must be returned in its original packaging or warranty will be void.

Dirt Logic Shocks come with a one year warranty from the original date of purchase for defects in material or workmanship.

A spanner wrench can be purchased for future adjustment. (FTS89905 for 4.0, FTS98008 for 2.5, FTS98006 for 2.0)

If adjustment is needed. Jack up the vehicle to relieve tension on the Dirt Logic coil over before making adjustments or the top cap may come loose.

Should you have any questions regarding your Dirt Logic Shocks, please feel free to contact us.

## - INSTRUCTIONS -

1. Install the new driver side coilover using the supplied 3/8" hardware for the upper mount. **NOTE: Install inner most bolt first then install the outer two along with FT30977 (Resi Mount)** Torque to 45 ft-lbs. **SEE FIGURES 1-3**

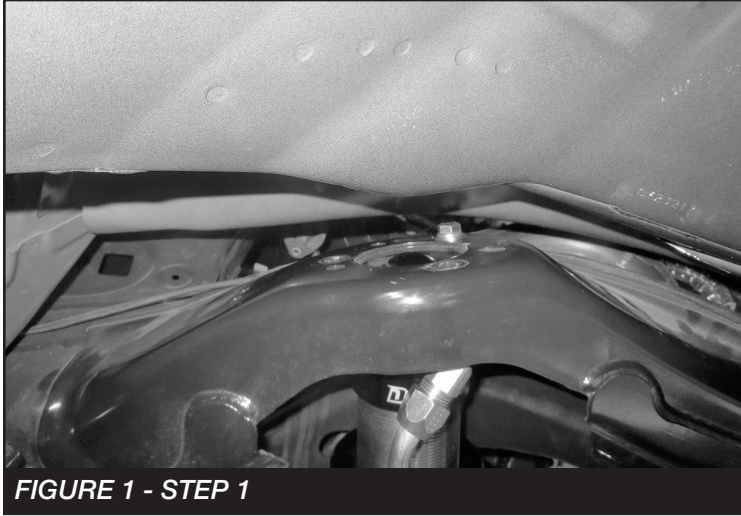


FIGURE 1 - STEP 1

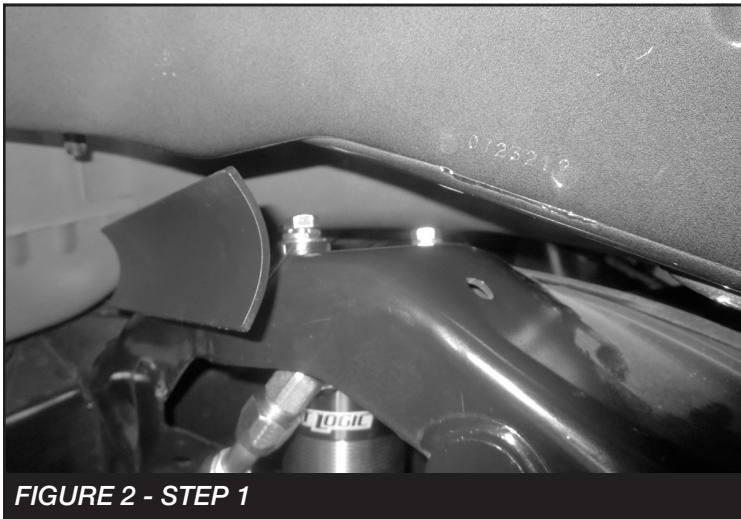


FIGURE 2 - STEP 1

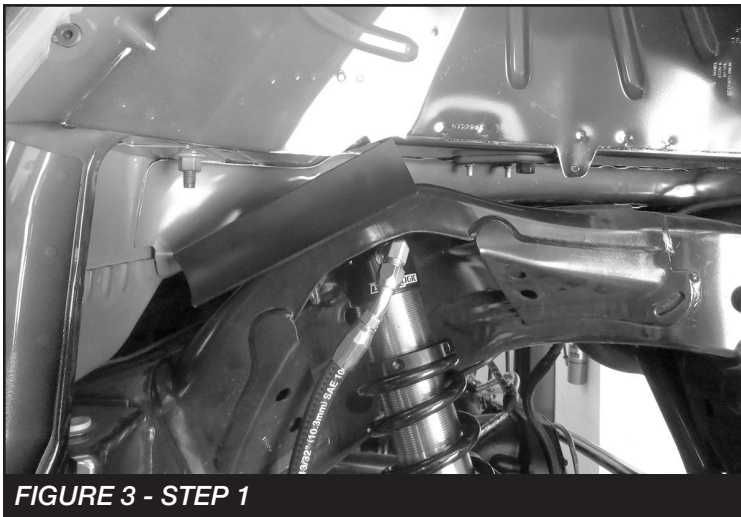


FIGURE 3 - STEP 1

2. Install the lower coilover to the axle mount using factory hardware as well as two FT30964 (Misalignments). Torque to 160 ft-lbs. **SEE FIGURE 4**

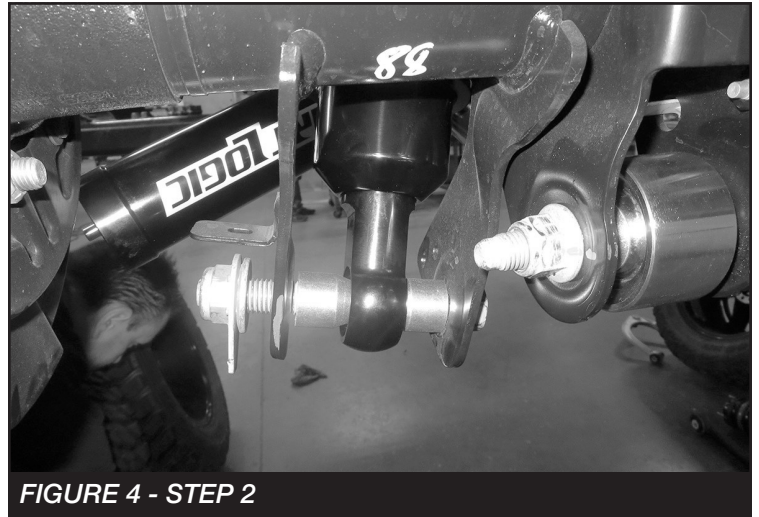


FIGURE 4 - STEP 2

3. Mount the resi to the mount using the supplied clamps. **SEE FIGURE 5**

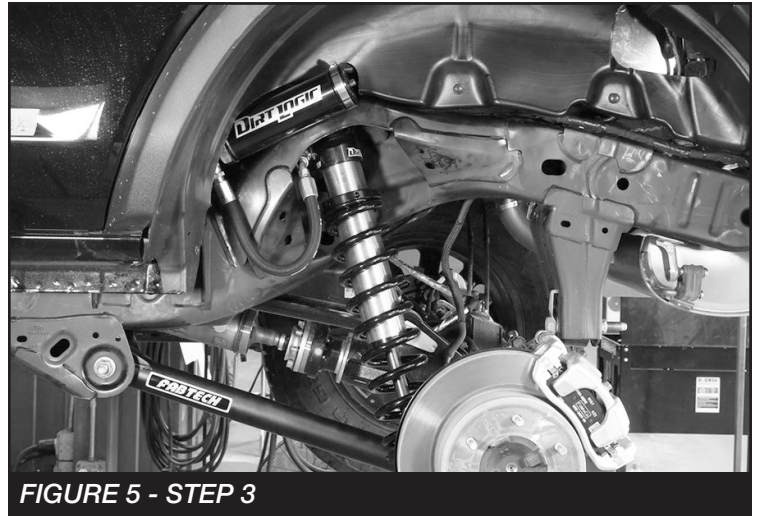


FIGURE 5 - STEP 3

4. Repeat steps on the passenger side.
5. Continue with the rest of the installation instructions for the other component parts.

For technical assistance call: **909-597-7800**

## - Product Warranty and Warnings -

Fabtech provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following Fabtech items; bushings, bump stops, ball joints, tie rod ends, limiting straps, cross shafts, heim joints and driveshafts. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Dirt Logic and Performance Coilover take apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powder coating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping, which is considered normal and is not covered under warranty.

Fabtech products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. (A "RACE" is defined as any contest between two or more vehicles, or any contest of one or more vehicle against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death. Fabtech front end Desert Guards may impair the deployment or operation of vehicles equipped with supplemental restraining systems/air bag systems and should not be installed if the vehicle is equipped as so.

Fabtech makes every effort to ensure suspension product compatibility with all vehicles listed on the website, but due to unknown auto manufacturer's production changes and/or inconsistencies by the auto manufacturer, Fabtech cannot be responsible for 100% compatibility, including the fitment of tire and wheel sizes listed. The Tire and Wheel sizes listed in Fabtech's website are only a guideline for street driving with noted fender trimming. Fabtech is not responsible for damages to the vehicle's body or tires. Fabtech is not responsible for premature wear of factory components due to the installation of oversized tires and wheels.

Fabtech's obligation under this warranty is limited to the repair or replacement, at Fabtech option, of the defective product only. All costs of removal, installation or re-installation, freight charges, incidental or consequential damages are expressly excluded from this warranty. Fabtech is not responsible for damages and/or warranty of other vehicle parts related or non related to the installed Fabtech product. This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been subject to accident, negligence, alteration, abuse or misuse as determined by Fabtech.

Fabtech suspension components must be installed as a complete system including shocks as shown on our website. All warranties will become void if Fabtech parts are combined and/or substituted with other aftermarket suspension products. Combination and/or substitution of other aftermarket suspension parts may cause premature wear and/or product failure resulting in an accident causing injury or death. Fabtech does not warrant products not manufactured by Fabtech.

Depending on the condition of the factory suspension components retained after the installation of a Fabtech suspension not all vehicles may have the same ride stance front to rear as described in the website. The blue color of suspension components shown in all Fabtech photographs are for display purposes only. Majority of all Fabtech components will be black specifically where noted with part numbers ending in BK.

Installation of Fabtech product may void the vehicles factory warranty; it is the consumer's responsibility to check with their local vehicle's dealer for warranty disposition before the installation of the product. Some state laws may prohibit modification of suspension to a vehicle in whole or in part. It is the responsibility of the installer and consumer to consult local laws prior to the installation of any Fabtech suspension product to comply with such written laws.

It is the responsibility of the distributor and/or the retailer to review all warranties and warnings of Fabtech products with the consumer prior to purchase.

Fabtech reserves the right to super cede, discontinue, change the design, finish, part number and/or application of parts when deemed necessary without written notice. Fabtech is not responsible for misprints or typographical errors within the website or price sheet. For the most recent Product Warranty and Warnings visit our website [www.fabtechmotorsports.com](http://www.fabtechmotorsports.com).