# INSTALLATION INSTRUCTIONS



# 2019-2024 GM 1500 4WD

## 6” BASIC SYSTEM

## 4” TRAIL BOSS & AT4 SYSTEM

**FTS21250**

**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** | 2213 Industrial Park Rd. Lancaster, SC 29720

**Tech Line:** 909-597-7800 | **Web:** www.fabtechmotorsports.com

# - PARTS LIST -

| | FTS21250 | COMPONENT BOX 1 |
|---|---|---|
| 1 | FT20841 | FRONT CROSSMEMBER |
| 1 | FT20898 | REAR CROSSMEMBER |
| 1 | FT20843 | DIFF BRACKET (DRIVER) |
| 1 | FT20897 | DIFF BRACKET (PASSENGER) |
| 1 | FT20850 | HARDWARE SUBASSEMBLY |
| 1 | FT20853 | SWAY BAR FRAME BRACKET (DRIVER) |
| 1 | FT20854 | SWAY BAR FRAME BRACKET (PASSENGER) |
| 1 | FT20856 | DIFF SKID PLATE |
| 1 | FT20858 | HARDWARE KIT |

| | FTS21251 | COMPONENT BOX 2 |
|---|---|---|
| 4 | FT1500U-3 | UBOLT SQ 9/16-18 X 12.50 X 2.63 |
| 1 | FTS20840D | SPINDLE (DRIVER) |
| 1 | FTS20840P | SPINDLE (PASSENGER) |
| 1 | FT20851 | HARDWARE SUBASSEMBLY |
| 2 | FTBK5 | BLOCK 5.0 IN |
| 2 | FT20664 | AXLE SPACER |

| | FT20850 | HARDWARE SUBASSEMBLY |
|---|---|---|
| 1 | FT20849 | NUT TAB (DRIVER DIFF BRACKET) |
| 1 | FT20855 | NUT TAB (SKID PLATE) |
| 1 | FT21250i | INSTRUCTIONS |
| 1 | FTAS12 | STICKER FT BLUE 10X4 |
| 1 | FTAS16 | DRIVER WARNING DECAL |
| 1 | FTREGCARD | REGISTRATION CARD |
| 1 | FT70065 | BRACKET |
| 1 | 25201001052 | 1/4-20 X 1” HEX BOLT |
| 2 | 25000005062 | 1/4” WASHER |
| 1 | 25200003052 | 1/4-20 NYLOCK NUT |

| | FT20851 | HARDWARE SUBASSEMBLY |
|---|---|---|
| 2 | FT20857 | TIE ROD END |
| 2 | FT20870 | REAR BUMPSTOP SPACERS |
| 1 | FT20859 | REAR BRAKE LINE BRACKET |
| 1 | FT20860 | REAR BRAKE LINE BRACKET |

| | FTS21252 | 6” SHOCK EXT KIT |
|---|---|---|
| 4 | FT20568BK | SHOCK BRACKET |
| 2 | FT20847 | SHOCK EXTENSION |
| 2 | FT20891 | SHOCK MOUNT TO ARM |
| 2 | FT20872 | BOTTOM PLATE |
| 1 | FT20852 | HARDWARE SUBASSEMBLY |

| | FTS21264 | 4” SHOCK EXT KIT - TRAIL BOSS/ AT4 |
|---|---|---|
| 4 | FT20568BK | SHOCK BRACKET |
| 2 | FT20876 | LOWER SHOCK BRACKET |
| 1 | FT20852 | HARDWARE SUBASSEMBLY |

| | FT20852 | HARDWARE SUBASSEMBLY |
|---|---|---|
| 4 | FT1036 | BUSHING HALF |
| 2 | FT148 | SLEEVE 1.250 X .530 X 2.400 |
| 4 | FT20871 | ALUMINUM SHOCK MOUNT BUSHING |
| 1 | FT20295 | HARDWARE KIT |
| 1 | FTLUBE | GREASE PACKET |

# - PARTS LIST -

| | FT20858 - HARDWARE KIT | LOCATION |
|---|---|---|
| | **BAG 1** | |
| 4 | M18-2.5 X 120MM HEX BOLT 10.9 | CROSSMEMBER |
| 8 | M18 FLAT WASHER | |
| 4 | M18-2.5 GRADE C LOCK NUT | |
| 2 | M14-2.0 X 100MM HEX BOLT 10.9 | LOWER DIFF MOUNTS |
| 1 | M14-2.0 X 120MM HEX BOLT 10.9 | PASS UPPER DIFF |
| 6 | M14 FLAT WASHER | |
| 3 | M14-2.0 C-LOCK NUT | |
| 1 | 1/2-13 X 1-1/4 HEX BOLT | DRIVER DIFF NUT TAB |
| 1 | 1/2" SAE WASHER | |
| 1 | 1/2" SPLIT WASHER | |
| 2 | THREAD LOCKING COMPOUND 1 MIL | |
| | **BAG 2** | |
| 2 | 7/16-14 X 1-1/2 HEX BOLT | SKID PLATE |
| 4 | 7/16 SAE WASHER | |
| 2 | 7/16-14 C-LOCK NUT ZINC | |
| 1 | 1/2-13 X 1-1/2 HEX BOLT | SKID PLATE |
| 2 | 1/2" SAE WASHER | |
| 1 | 1/2-13 C-LOCK NUT | |
| 4 | 3/8-16 X 1-1/2" HEX BOLT | SWAY BAR |
| 8 | 3/8" SAE WASHER | |
| 4 | 3/8-16 C-LOCK NUT | |
| 2 | 1/4-20 X 3/4 HEX BOLT G5 ZINC | SPINDLE ABS |
| 2 | 1/4 LOCK WASHER | |
| | **BAG 3** | |
| 8 | 9/16-18 NYLOCK NUT | UBOLTS |
| 8 | 9/16" SAE WASHER | |
| 3 | 1/4-20 X 1" HEX BOLT | REAR BRAKE LINE |
| 6 | 1/4 SAE WASHER | |
| 3 | 1/4-20 C-LOCK NUT | |
| 2 | M10-1.5 X 70MM SOCKET HEAD BOLT | REAR BUMPSTOP |

| | FT20295 - HARDWARE KIT | LOCATION |
|---|---|---|
| 4 | 7/16"-14 X 2 1/2" HEX CAP BOLT | STRUT MOUNT BRACKET |
| 4 | 7/16"-14 C-LOCK NUT | |
| 8 | 7/16" SAE FLAT WASHER | |
| 4 | 1/2"-13 X 4" HEX CAP BOLT | STRUT. EXT. TO BRACKET |
| 2 | 1/2"-13 X 3 3/4" HEX CAP BOLTS | FRONT LOWER STRUT |
| 6 | 1/2"-13 C-LOCKS | |
| 12 | 1/2" SAE FLAT WASHER | |
| 8 | 5/16"-18 X 1 1/2" HEX CAP BOLT | STRUT MOUNT BRACKETS |
| 8 | 5/16"-18 C-LOCK NUT | |
| 16 | 5/16" SAE FLAT WASHER | |

## - 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
- Die Grinder w/ Cutoff Wheel or Sawzall

# - 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.

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.

Use the provided thread locking compound on all hardware.

WARNING- Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock.

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.

## FOOTNOTES -

- Can not use OEM wheel and tire
- Fits crew cab, short bed models only
- K1132 & K1132M will not fit models equipped with Adaptive Ride Control
- K1132 & K1132M will not fit GMC AT4 or Chevy Trail Boss models
- Does not fit 2019 Silverado LD or 2019 Sierra Limited models. Use 2018 applications for these vehicles.
- Will not fit vehicles equipped with super cruise
- Does not fit models with composite rear leaf springs.

## TIRE & WHEEL SIZES -

35/12.50R18 tires w/18x9 wheels w/5” BS w/minor trimming
295/70R18 tires w/18x9 wheels w/5” BS w/minor trimming
35/12.50R20 tires w/20x9 wheels w/5” BS w/minor trimming
295/65R20 tires w/20x9 wheels w/5” BS w/minor trimming

# - 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 and discard both the lower plastic cover and skid plate from the vehicle. **SEE FIGURES 1-2**

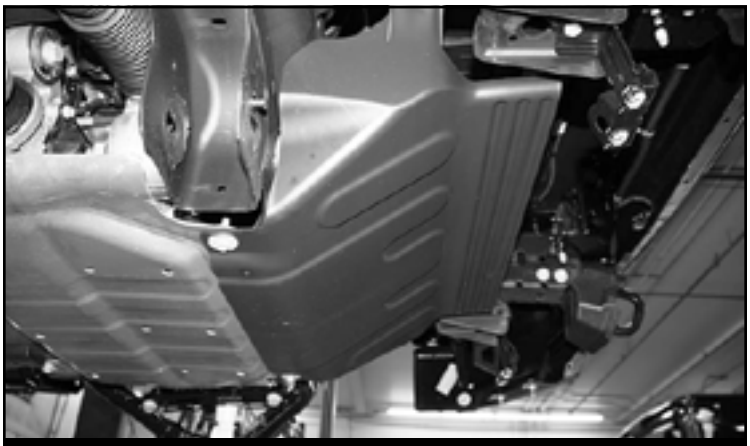


*FIGURE 1 - STEP 2*

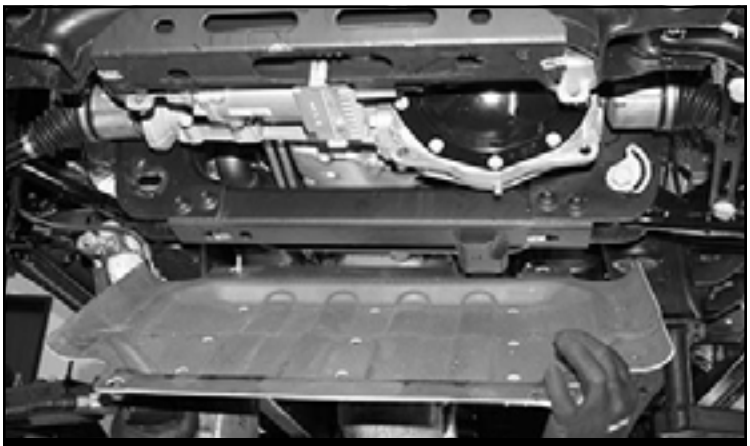


*FIGURE 2 - STEP 2*

3. Remove the tie rod end nut, then disconnect the tie rod end from the factory steering knuckle by striking the knuckle to dislodge the tie rod end. Repeat on the other side. **SEE FIGURES 3-5**



*FIGURE 3 - STEP 3*



*FIGURE 4 - STEP 3*



*FIGURE 5 - STEP 3*

4. Disconnect the sway bar end links from the factory knuckle on both sides. Save hardware. **SEE FIGURE 6**



*FIGURE 6 - STEP 4*

5. Remove the sway bar completely from the frame and set aside. Save hardware for re-installation.

6. **<u>Driver side</u>:** Disconnect the ABS wire bracket from the upper control arm and the brake line bracket from the knuckle. Save hardware. **SEE FIGURES 7-8**

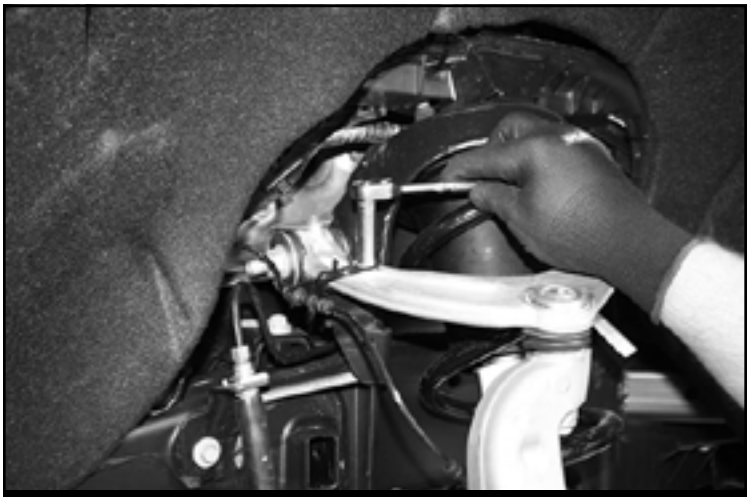


*FIGURE 7 - STEP 6*



*FIGURE 8 - STEP 6*

7. Remove the ABS sensor from the factory knuckle. Save hardware. **SEE FIGURE 9**



*FIGURE 9 - STEP 7*

8. Using a 36mm socket, remove and save the axle hub nut. **SEE FIGURE 10**



*FIGURE 10 - STEP 8*

9. Remove the brake caliper and secure it to the frame. **DO NOT ALLOW THE BRAKE CALIPER TO HANG FROM THE HOSE. SEE FIGURES 11-12**



*FIGURE 11 - STEP 9*



*FIGURE 12 - STEP 9*

10. Remove and save the positioning screw from the brake rotor. Then, remove the rotor and set aside. **SEE FIGURES 13-14**

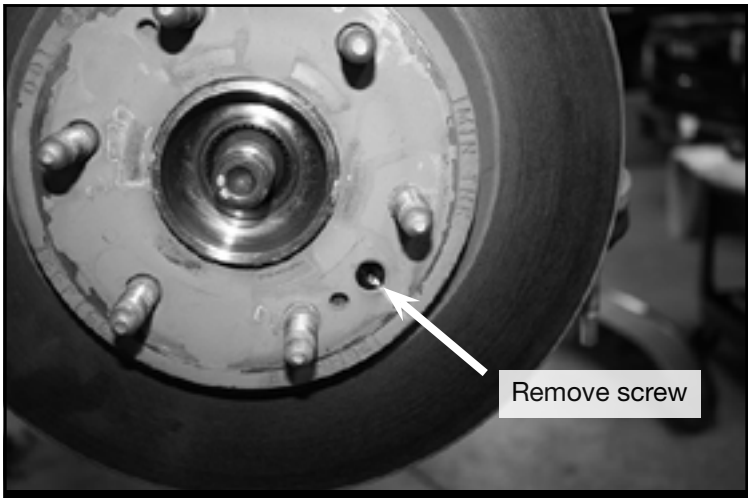



*FIGURE 13 - STEP 10*

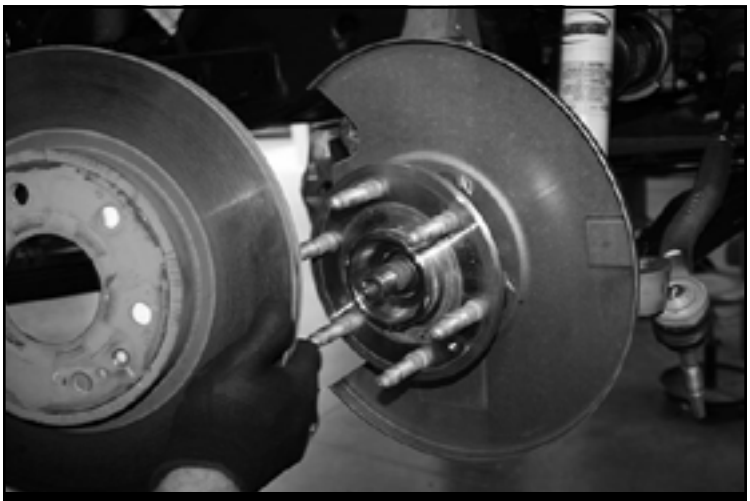


*FIGURE 14 - STEP 10*

11. Loosen the upper and lower ball joint nuts. Using a large hammer, carefully strike the spindle at the ball joint to dislodge the ball joint. Use care not to hit the ball joints when removing. **SEE FIGURES 15-16.** Remove and save the nuts. Discard the factory spindle.



*FIGURE 15 - STEP 11*

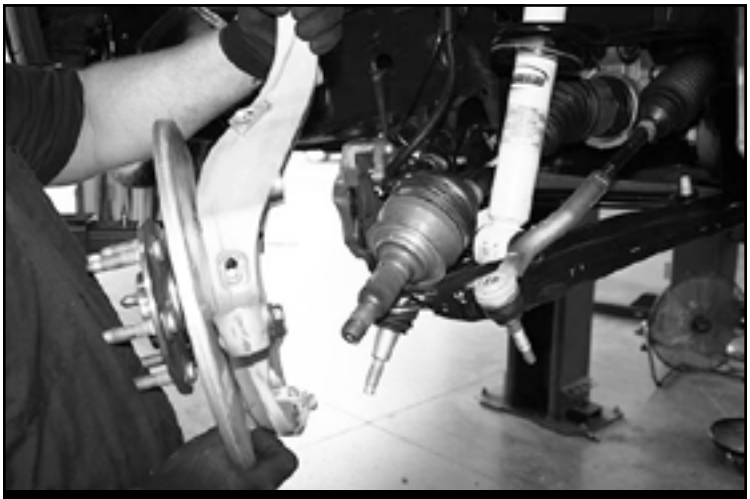


*FIGURE 16 - STEP 11*

12. Remove the lower bolts attaching the strut to the lower control arm. **SEE FIGURE 17**



*FIGURE 17 - STEP 12*

13. Next remove the upper three nuts attaching the strut to the frame mount. Then, remove the strut assembly from the vehicle. Save hardware. **SEE FIGURES 18**

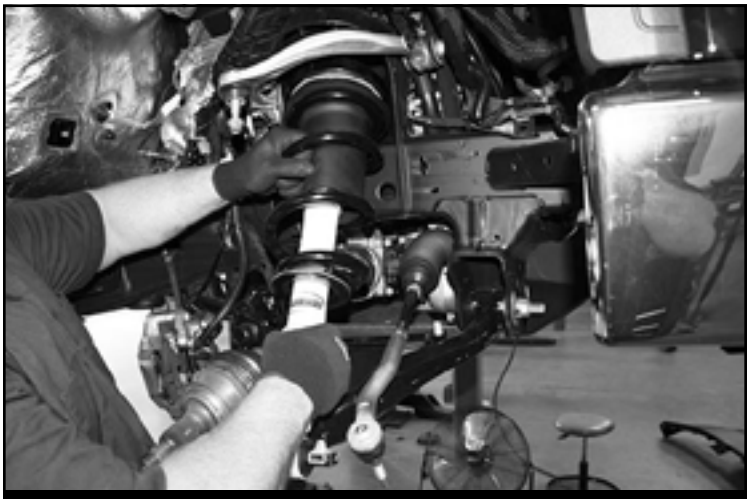


*FIGURE 18 - STEP 13*

14. Repeat steps 6-13 on the passenger side. **NOTE: To access the top three strut assembly nuts on the passenger side push up and back on the plastic wire harness channel to remove the nuts. SEE FIGURE 19**



*FIGURE 19 - STEP 14*

15. Remove both driver and passenger side lower control arms. Save arms and all hardware. **SEE FIGURE 20**



*FIGURE 20 - STEP 15*

16. Remove the bolt attaching the differential to the rear cross member. Save hardware. Then, remove and discard the rear crossmember. **SEE FIGURES 21-22**

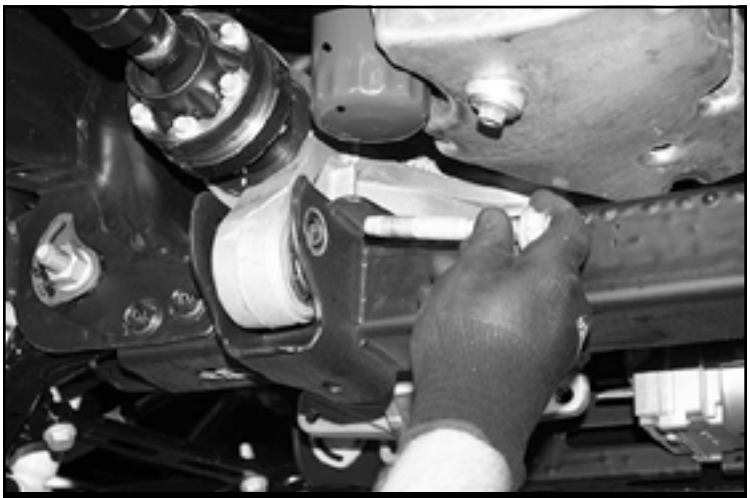


*FIGURE 21 - STEP 16*



*FIGURE 22 - STEP 16*

17. Disconnect the front driveshaft from the differential. Save hardware. **SEE FIGURE 23**

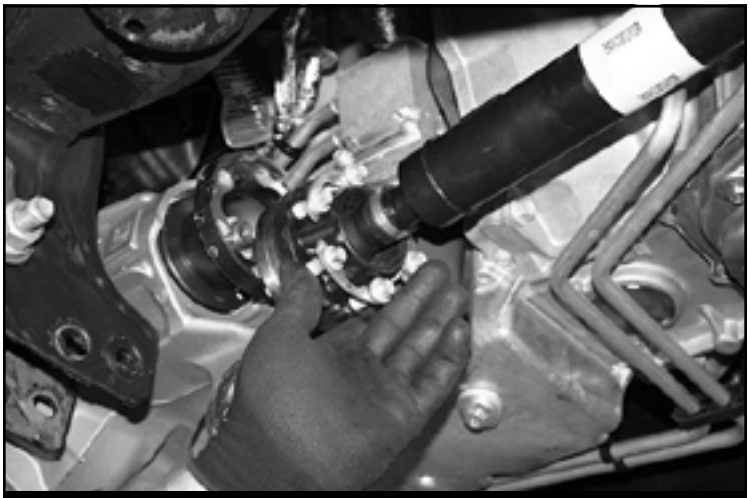


*FIGURE 23 - STEP 17*

18. Disconnect the electrical plug from the diff as well as the breather tube from the top of the diff. **SEE FIGURE 24**



*FIGURE 24 - STEP 18*

19. With the front diff supported. Remove the 2 bolts that attach the differential to the frame. The driver bolt is located on the outside of the frame under the strut mount. The passenger side bolt is up inside the frame. **NOTE: To remove the diff bolt, remove the 10mm bolt attaching the actuator and move the actuator enough to completely remove the bolt. Then reinstall the actuator in its original location.** Remove the differential from the truck. **SEE FIGURES 25-28**

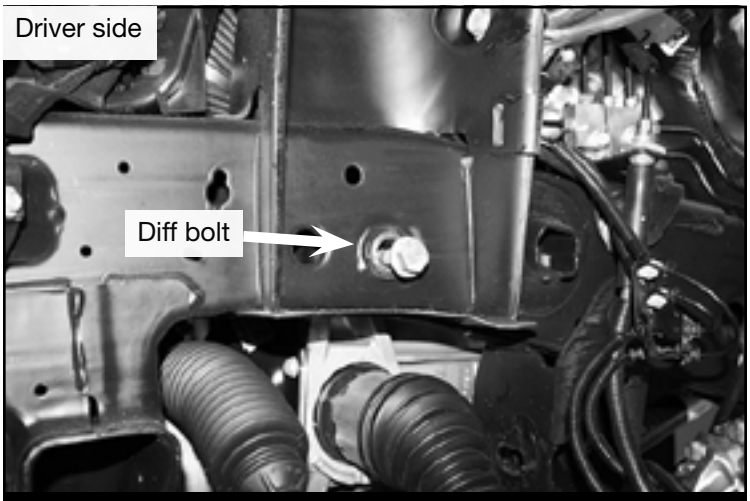



*FIGURE 25 - STEP 19*




*FIGURE 26 - STEP 19*

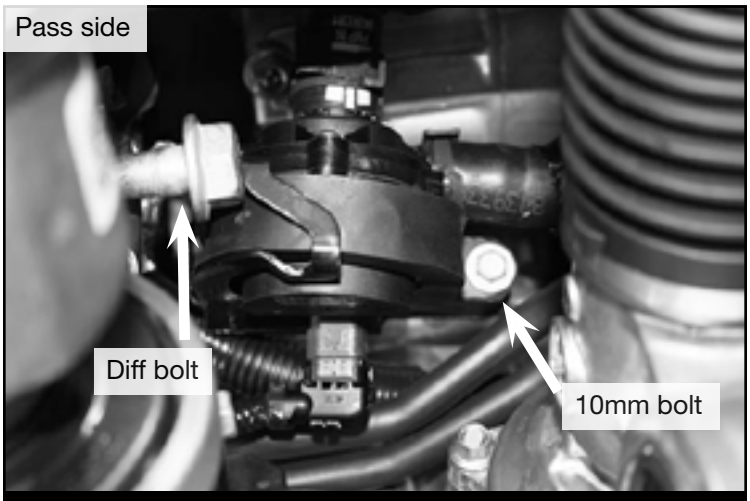



*FIGURE 27 - STEP 19*

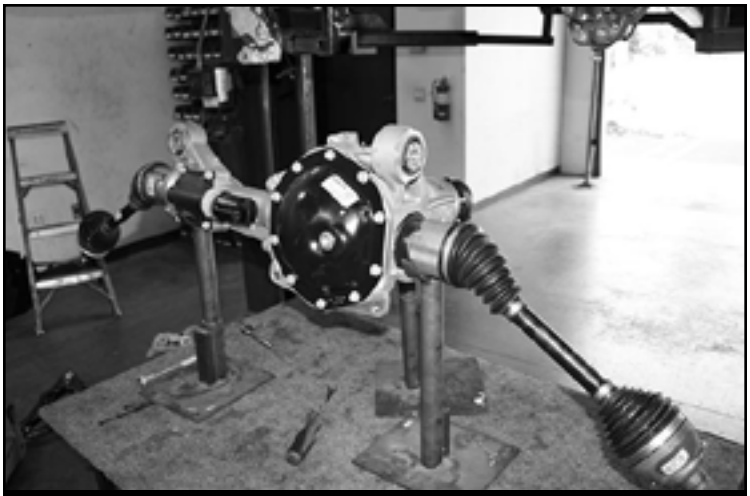


*FIGURE 28 - STEP 19*

20. Locate the driver side rear crossmember/control arm mount. Measure 2” from the inside end and mark a vertical line on both the front and back side of the mount. Using a sawzall cut the 2” part off of the mount. **SEE FIGURES 29-31**

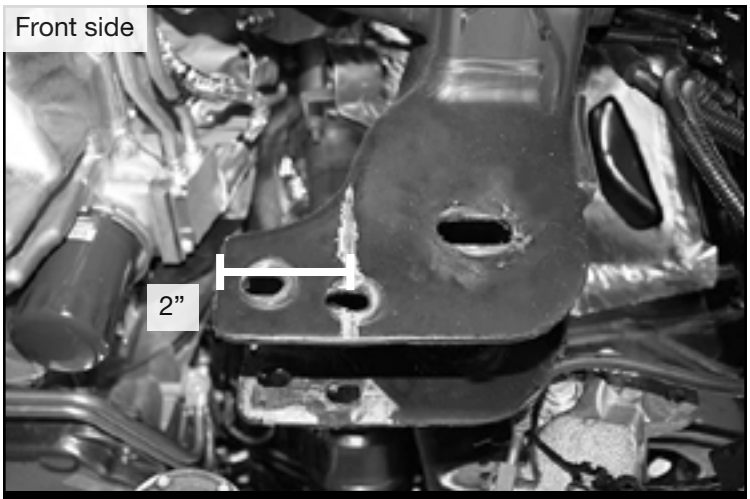



*FIGURE 29 - STEP 20*




*FIGURE 30 - STEP 20*



*FIGURE 31 - STEP 20*

21. Install FT20897 (Pass diff bracket) to the frame using the supplied M14 x 120mm bolt, washers and nut. Leave loose. **SEE FIGURES 32-33**

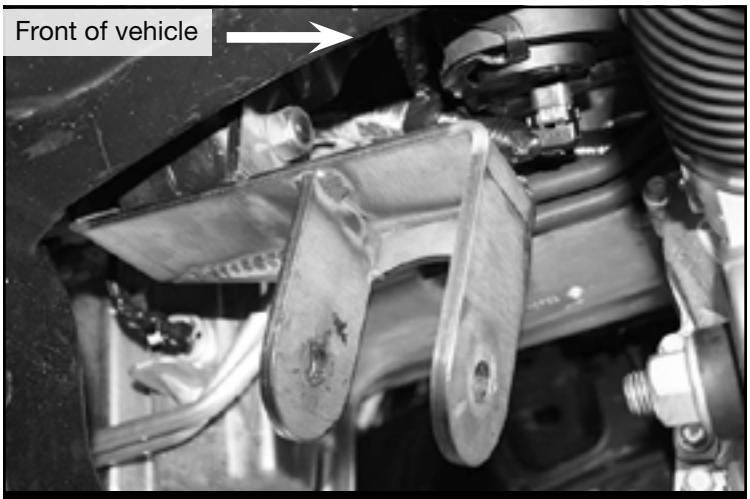



*FIGURE 32 - STEP 21*

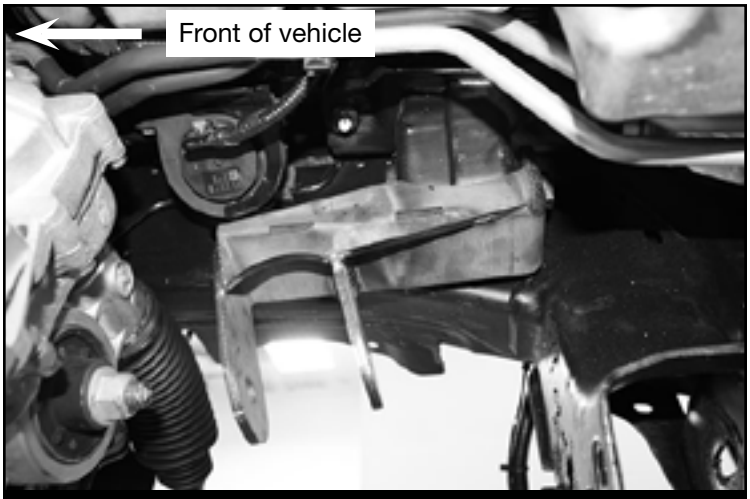



*FIGURE 33 - STEP 21*

22. Install FT20843 (Driver diff bracket) using the factory bolt removed in step 19 like shown in **FIGURE 34.** Make sure the bracket is flush to the frame and mark the hole to drill. **SEE FIGURE 35.**

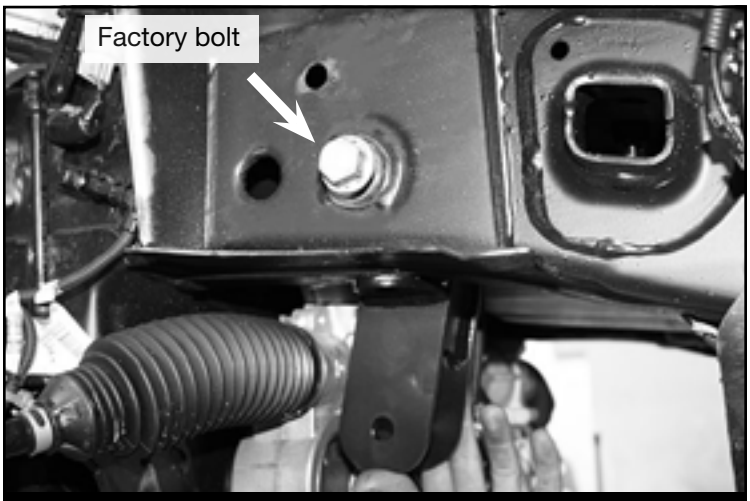



*FIGURE 34 - STEP 22*

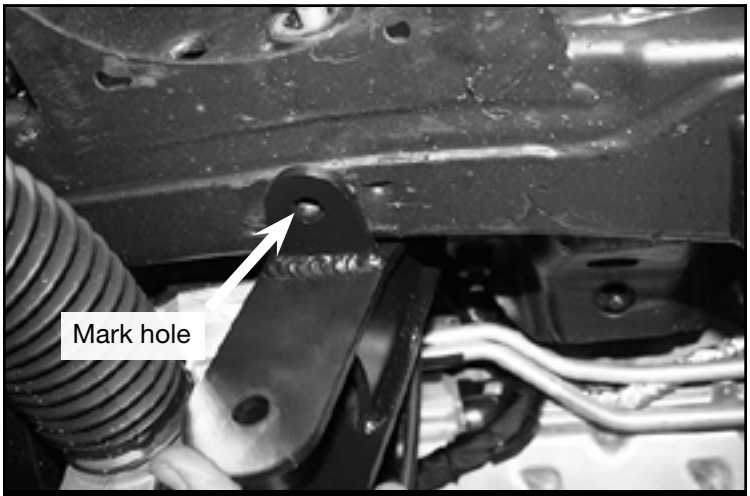



*FIGURE 35 - STEP 22*

23. Remove the bracket and drill the hole using a 1/2” drill bit. **SEE FIGURE 36**

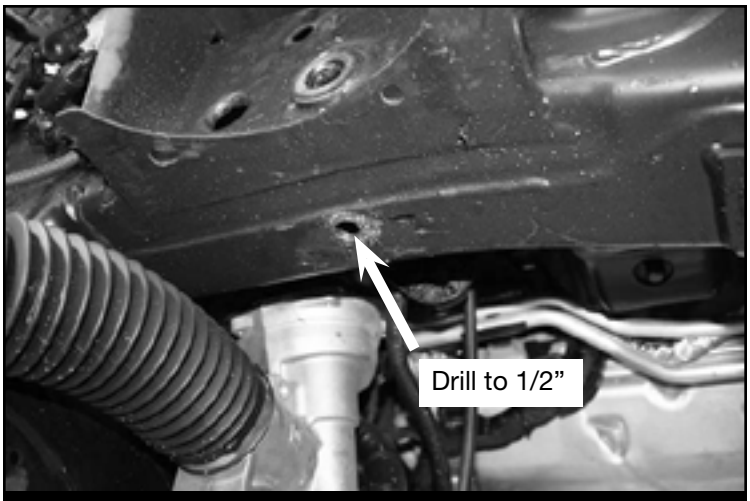



*FIGURE 36 - STEP 23*

24. Re-install the FT20843 bracket using the factory bolt. Leave loose. Install FT20849 (Nut tab) through the factory hole on the side of the frame. Then, install the supplied 1/2” X 1-1/4” bolt, washer and lock washer up through the bracket and frame to the nut tab. Torque 1/2” hardware to 106 ft-lbs and the factory bolt to 148 ft-lbs. **SEE FIGURES 37-38**

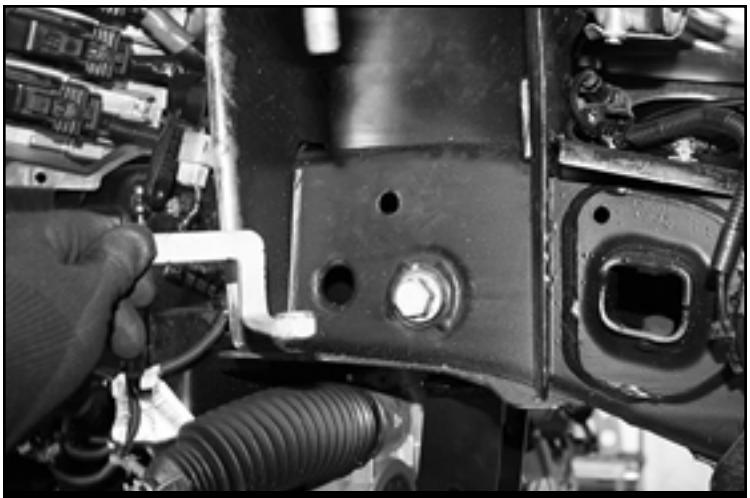


*FIGURE 37 - STEP 24*

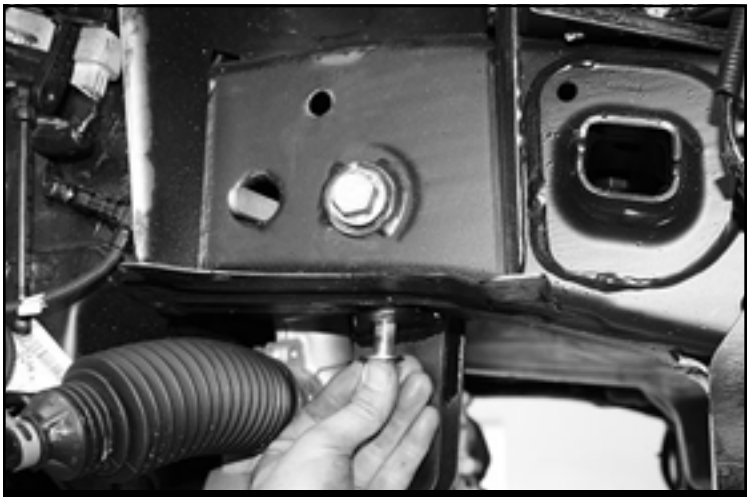


*FIGURE 38 - STEP 24*

25. Install the differential to the new Fabtech diff brackets using the supplied M14 x 100mm bolts, washers and nuts. Leave loose. **SEE FIGURES 39-40**

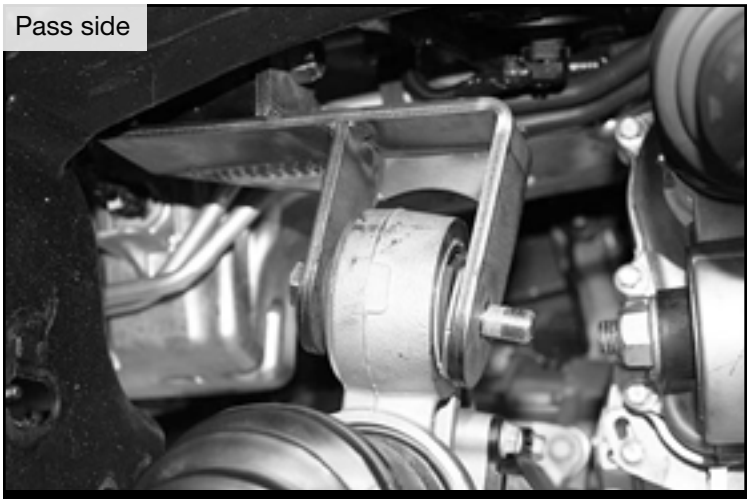



*FIGURE 39 - STEP 25*




*FIGURE 40 - STEP 25*

26. Install the FT20898 (Rear crossmember) to the factory frame pockets using the suppled M18 x 120mm bolts, washers and nuts. Leave loose. Then, install the factory rear diff bolt (removed in step 16) through the new rear crossmember torque to 97 ft-lbs. Torque the driver and pass diff hardware to 148 ft-lbs. **SEE FIGURES 41-42**

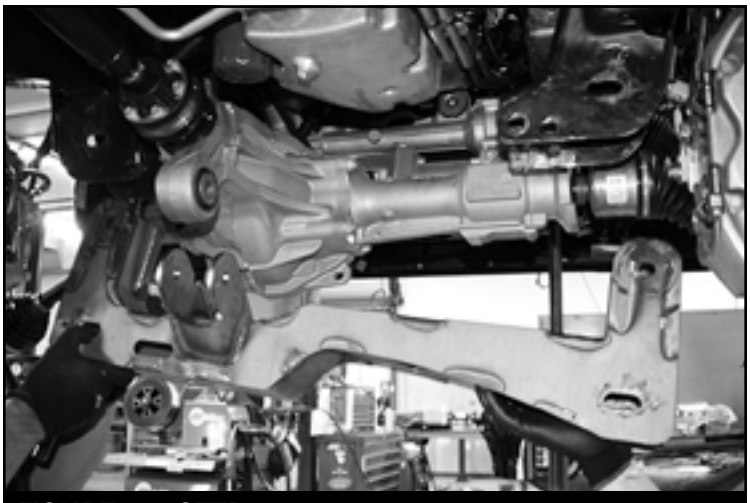


*FIGURE 41 - STEP 26*



*FIGURE 42 - STEP 26*

27. Re-install the front driveshaft to the diff using the factory hardware. Torque to 53 ft-lbs. **SEE FIGURE 43**



*FIGURE 43 - STEP 27*

28. Install FT20841 (Front crossmember) using the supplied M18 x 120mm bolts, washers and nuts. Leave loose. **SEE FIGURE 44**



*FIGURE 44 - STEP 28*

29. Install FT20856 (Skid plate) to the front crossmember using the supplied two 7/16” x 1-1/2” bolts, washers and nuts. Then, install to the rear crossmember using the supplied 1/2” x 1-1/2” bolt, washer and FT20855 (Nut tab). Install the Nut tab through the open slot on the back side of the crossmember. **SEE FIGURE 45**

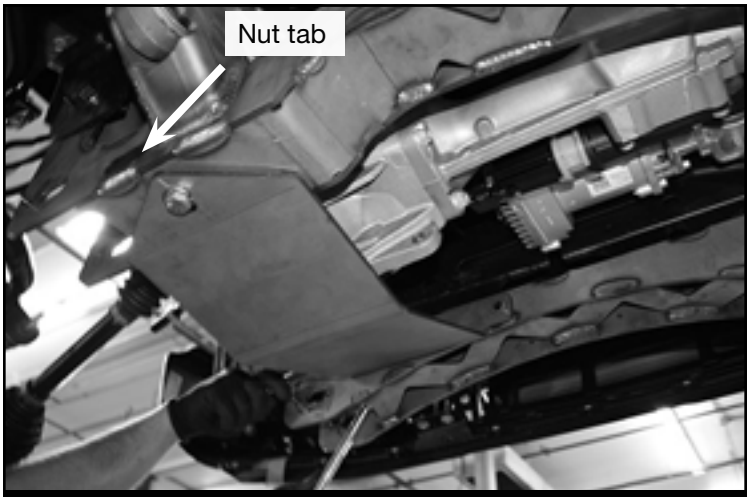



*FIGURE 45 - STEP 29*

30. Install FT20853 & FT20854 (driver & pass sway bar drop brackets) using the factory hardware. Then install the factory sway bar to the new brackets using the supplied 3/8” x 1-1/2” hardware. **SEE FIGURE 46-47**

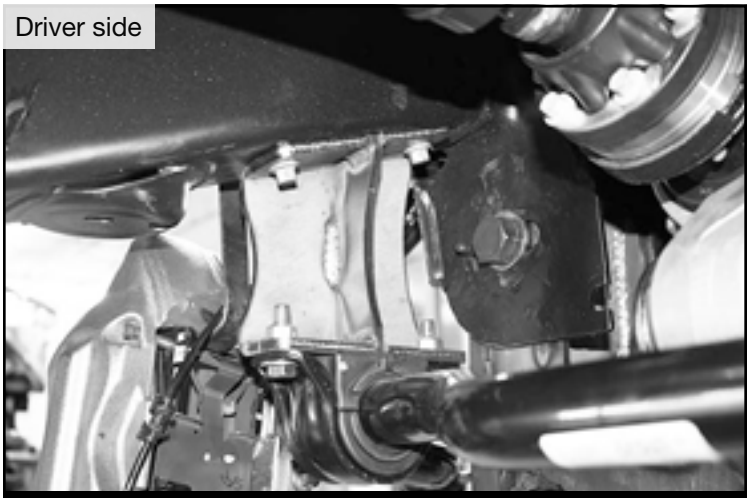



*FIGURE 46 - STEP 30*

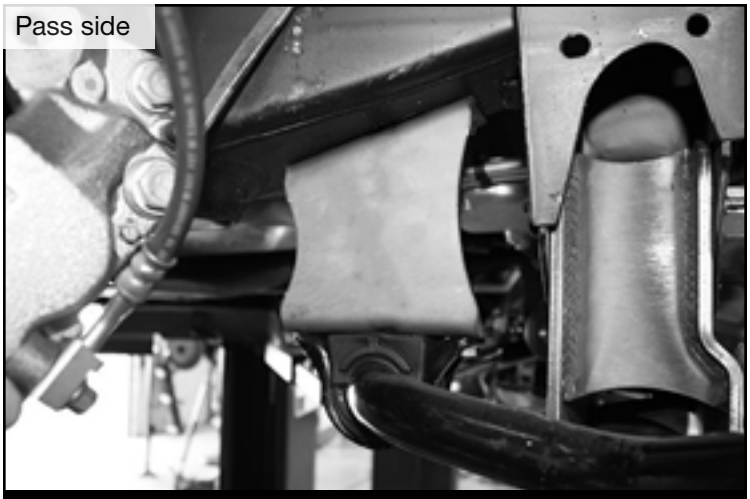



*FIGURE 47 - STEP 30*

31. Re-install the factory lower control arms to the pockets on the Fabtech crossmembers using the factory cam bolts. Torque the upper crossmember M18 hardware to 229 ft-lbs. **SEE FIGURE 48**



*FIGURE 48 - STEP 30*

- **IF INSTALLING DIRT LOGIC COILOVERS or ON A DENALI WITH ARC USE THE INSTRUCTIONS PROVIDED IN THOSE BOXES AND SKIP TO STEP 41**

32. Locate the factory coilovers. Remove the nut clips from the cross-shaft and discard. Using a press, press out the cross-shaft and the bushing from the bottom of the coilover and discard. **SEE FIGURES 49-51**



*FIGURE 49 - STEP 32*



*FIGURE 50 - STEP 32*



*FIGURE 51 - STEP 32*

33. Install two FT20871 (Aluminum half bushing) into the factory lower strut. **SEE FIGURE 52**



*FIGURE 52 - STEP 33*

34. Install two FT20568BK (shock brackets) around the bottom of the factory shock making sure the holes are lined up (use a supplied 1/2” bolt to line to hold in place). Then, Install four 5/16” x 1-1/2” bolts and hardware to secure the brackets to the strut body. Torque to 25 ft-lbs. Then remove the 1/2” bolt. **SEE FIGURE 53-54**



*FIGURE 53 - STEP 34*



*FIGURE 54 - STEP 34*

35. **IF INSTALLING ON A TRAIL BOSS OR AT4 VEHICLE SKIP TO STEP 39.** Install two FT1036 (Bushings) into FT20847 (Shock extension) using the supplied grease. Then using a press. Press the FT148 (Sleeve) into the bushings. **SEE FIGURES 55-56**



*FIGURE 55 - STEP 35*



*FIGURE 56 - STEP 35*

36. Install the FT20847 (shock extension) onto the factory strut using the supplied 1/2” x 4” bolts and hardware. Torque to 106 ft-lbs. **SEE FIGURES 57-58**

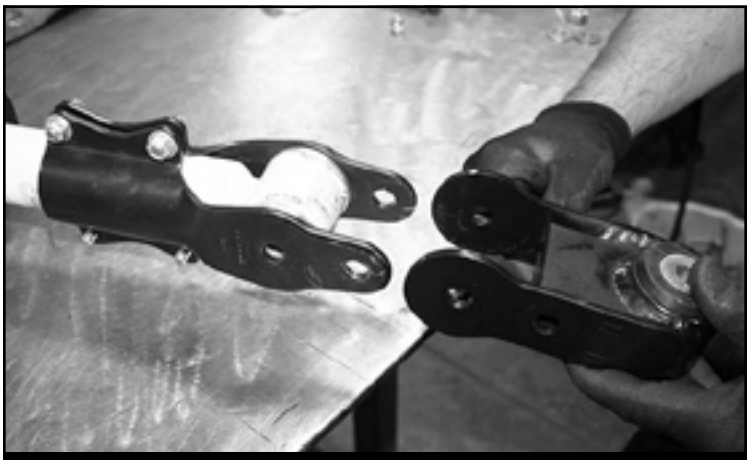


*FIGURE 57 - STEP 36*

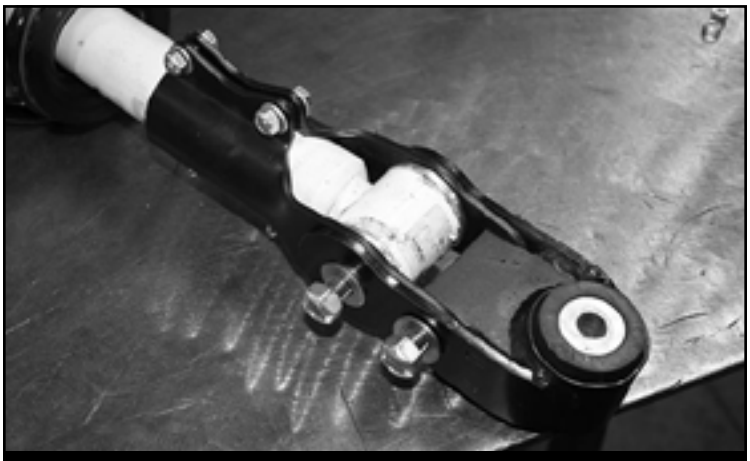


*FIGURE 58 - STEP 36*

37. Install FT20891 (Lower shock mount) & FT20872 (shock mount plate) to the lower control arm using the supplied 7/16” x 2-1/2” bolts and hardware. Torque to 70 ft-lbs. **SEE FIGURES 59-60**



*FIGURE 59 - STEP 37*



*FIGURE 60 - STEP 37*

38. Install the factory coilover to the upper mount using the factory hardware. Rotate the strut body 90 degrees so the coilover mounts to the lower mount. Attach using the supplied 1/2” x 3-3/4” bolt and hardware. **SEE FIGURE 61 Skip to step 41.**



*FIGURE 61 - STEP 38*

39. Install FT20876 (Lower shock bracket) using the supplied 1/2” x 4” bolts, washer and nuts. Torque to 106 ft-lbs. **SEE FIGURES 62-63**



*FIGURE 62 - STEP 39*



*FIGURE 63 - STEP 39*

40. Install the factory coilover to the upper mount using the factory hardware. Rotate the strut body 90 degrees so the coilover mounts to the lower mount. Attach using the supplied 7/16” x 2-1/2” bolts and hardware. Torque to 70 ft-lbs. **SEE FIGURE 64**



*FIGURE 64 - STEP 40*

41. Locate the factory spindles. Disassemble the factory spindles from the hub assemblies by removing the 4 bolts on each spindle. **SEE FIGURES 65**

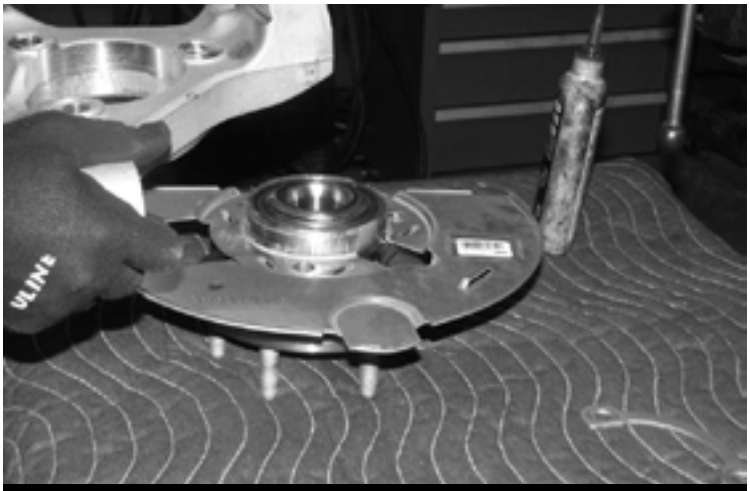


*FIGURE 65 - STEP 41*

42. Locate FT20840D (Driver spindle) & FT20840P (Pass spindle) assemble the new spindle on the hub assembly. Use thread lock on the factory hardware and torque to 125 ft-lbs. **SEE FIGURE 66**

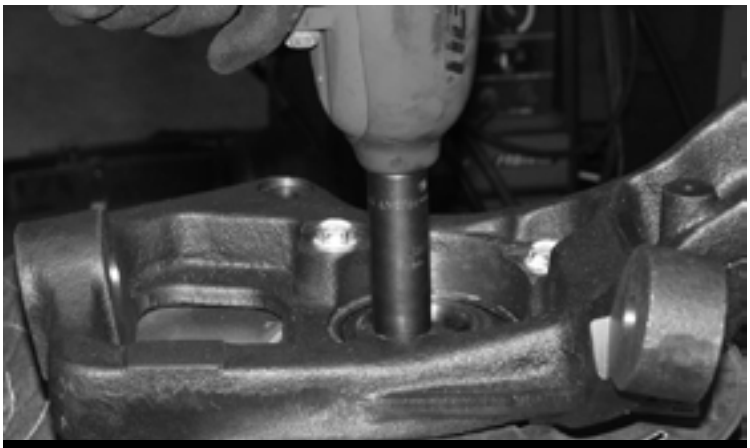


*FIGURE 66 - STEP 42*

43. Locate FT20664 (Axle spacer). Install the spacer onto the axle half shaft as you install the new spindle onto the lower & upper control arms. **NOTE: Make sure the spacer is centered on the back side of the spindle. SEE FIGURES 67-69** Torque the upper ball joint to 37 ft-lbs and the lower ball joint to 87 ft-lbs.

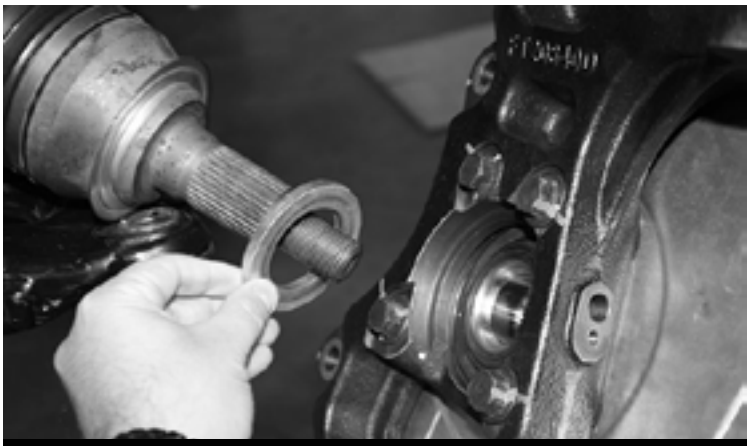


*FIGURE 67 - STEP 43*

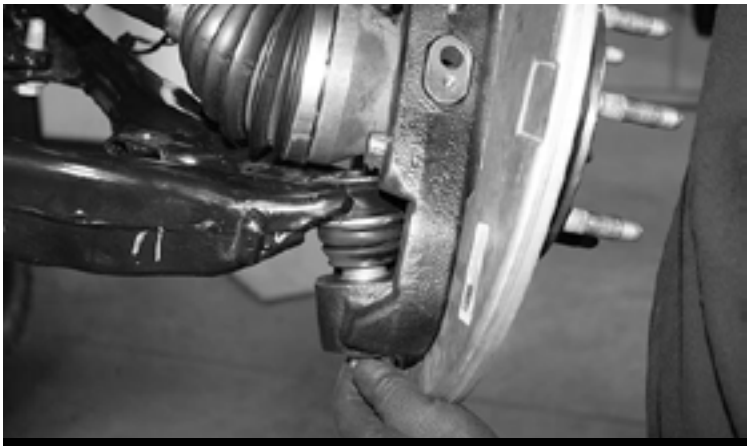


*FIGURE 68 - STEP 43*



*FIGURE 69 - STEP 43*

44. Reinstall the axle center nut, locator screw, brake rotor and caliper. Torque the center nut to 177 ft-lbs, locator screw to 20 ft-lbs and the caliper mounting bolts to 74 ft-lbs. **NOTE: Tighten the lower crossmember/lower control arm cam bolts. Once the the vehicle is on the ground torque the cam bolts to 229 ft-lbs.**

45. Repeat steps 41-42 on the Passenger side.

46. Locate the factory tie rod ends. Remove the factory tie rod. Using a die grinder or cut off wheel. Cut off 3/8” from the end of the factory threaded end. **SEE FIGURE 70**



*FIGURE 70 - STEP 46*

47. Locate the FT20857 (Outer Tie Rod), install the zerk fitting that is provided. Install the FT20857 (Outer Tie rod). Then, install to the factory tie rod to the spindle. Torque to 44 ft-lbs. **SEE FIGURE 71** Repeat on the passenger side.



*FIGURE 71 - STEP 47*

48. Locate the factory brake line bracket, using a cut off wheel. Cut the angled tab off and sand to a smooth finish. **SEE FIGURE 72**



*FIGURE 72 - STEP 48*

49. Attach the factory brake line bracket to the back of the new spindle using the supplied 1/4” x 3/4” bolt and lock washer. Then, reinstall the ABS sensor into the spindle using the factory hardware. Torque both to 8 ft-lbs. **SEE FIGURE 74-75** Repeat on the passenger side.



*FIGURE 73 - STEP 48*



*FIGURE 74 - STEP 49*

50. **DIESEL MODELS ONLY:** Locate the transmission line bracket mounted to the transmission next to the front drive shaft. Remove the factory bolt attaching the bracket. Install FT70065 (Bracket) to the transmission using the factory bolt then install the hard line mount to the new bracket using the supplied 1/4” hardware. **SEE FIGURE 75**



*FIGURE 75 - STEP 50*

# - REAR SUSPENSION -

51. **IF INSTALLING ON A VEHICLE WITH ARC SUSPENSION USE THE INSTRUCTIONS PROVIDED IN THE FTS21265.** Jack up the rear end of the vehicle and support the frame rails with jack stands. Supporting the rear differential, remove and discard the rear shocks and ubolts. Disconnect the factory brake line brackets from the top of the diff and save the hardware.

52. Remove the factory bumpstop from the frame and discard the bolt. Install FT20870 (Bumpstop spacer) in between the factory bumpstop and the frame using the supplied M10 x 70mm socket head bolt. Torque to 53 ft-lbs **SEE FIGURE 76**

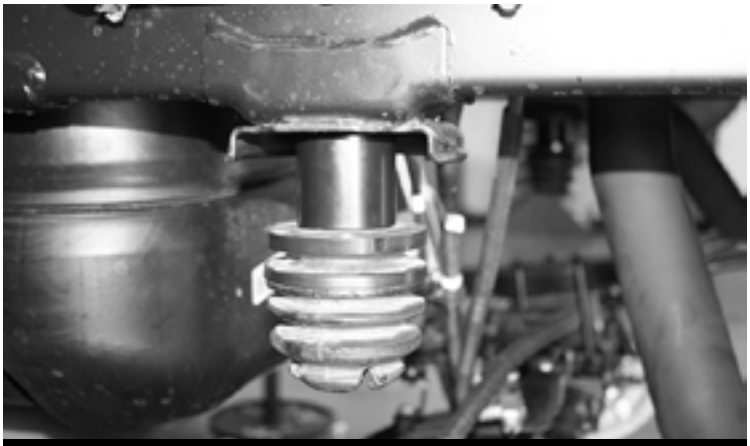


*FIGURE 76 - STEP 52*

53. Install FTBK5 (5" Block), FT1500U-3 (Ubolts) and 9/16" Hardware. Install the blocks with the new hardware, the short end of the block should be facing the front of the vehicle. Torque to 93 ft-lbs. **SEE FIGURE 77**



*FIGURE 77 - STEP 53*

54. Install FT20859 & FT20860 (Rear brake line brackets) to the rear diff using the factory hardware. Then install the factory brackets to the new Fabtech brackets using the supplied 1/4" x 1" hardware. Torque all hardware to 12 ft-lbs. **SEE FIGURES 78-79**



*FIGURE 78 - STEP 54*



*FIGURE 79 - STEP 54*

55. 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.**

56. Check front end alignment and set to factory specifications. Readjust headlights.

57. Recheck all bolts for proper torque.

58. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.

59. 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.**

60. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.

**Vehicles that will receive oversized tires should check ball joints, uniballs and all steering components every 2500-5000 miles for wear and replace as required.**

## RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.

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 inconstancies 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