



SHOP CATEGORIES

WHY S&B

SHOP BY VEHICLE



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INSTALL INSTRUCTIONS FOR 101026



PRINT

BEFORE YOU START

VEHICLE FITMENT: 2017-2025 Ford, F250/F350/F450

Please check to make sure you have all parts before proceeding. If you are missing any of the components or have any questions about the install, please call our customer support at (909)947-0015 or send us an email at customerservice@sbfilters.com. Installation requires loosening and removing U-Bolt nuts and under axle plates, use extreme care when doing so to ensure the axle remains in place. The vehicle should be parked on a level surface with front and rear wheels chocked. U-Bolts must be retorqued properly and should be rechecked periodically after installation to ensure they are still correctly torqued.

REQUIRED TOOLS

- 9/16", 3/4" & 15/16" Sockets
- 9/16" & 3/4" Wrenches
- Torque Wrench Capable of 295 ft-lb
- 1/8" Allen Wrench
- Sharp Drill Bits up to 1/2"
- Large Crescent Wrench or Standard Wrenches up to 2"
- Spray Paint

Note: Approximate Install Time: 3 Hr 00 Mins for Kit Installation.



Hi. Need any help?



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Kit Stock# 101019 Shipper Rev 4

Torxz Traction Bar for Alumiduty
 Only 2017+ Superduty F250 F350 F450
Only for use with Under Axle Mounts
 No taller than a 5" lift

Packed By _____, Label# 910510

Minus 1/2" to Plus 1" of Fine Tune Adjustment

30 1/4"

34"

35 1/8"

36 1/4"

1/2"

Inside nut is not welded inside of bar. It can't spin so you don't need to hold the inside nut from turning while you fine tune the bar length.

Cut out Indicates for use with the Rear Axle Bar Mount 101044 or 101045 not to be used with Traction Blocks

PRE-INSTALLED PART LIST					
ITEM	QTY	Qty Included	PART NUMBER	DESCRIPTION	Torque
1	1		580258	Torz Bar Formed for use with ABM, Driver Side Bar	
2	1		580259	Torz Bar Formed for use with ABM, Passenger Side Bar	
3	2		560026	Torz Bar Logo Backer Plate	
4	2		580260	Torz Bar Logo Plate	
5	2		301046	Stamped O/U Logo	
6	10		550402	10-24 x 1/2in Long Allen Button Screw, Stainless	
7	10		550250	10-24 Flanged Nut	
8	2		401112	1 1/4-12 x 5/8-18 x 3in Long Adjuster Bolt	
9	4		501163	1 1/4-12 x 1 5/8 Right Hand Jam Nut	150 FT LBS

BAGGED PARTS LIST					
ITEM	QTY	Qty Included	PART NUMBER	DESCRIPTION	TORQUE
10	12		550156	3/8-16 x 1 1/4in Long Grade 8 Hex Bolt	
11	24		550501	3/8-SAE Grade 8 Washer	
12	12		550304	3/8-16 Top Lock Hex Nut	33 FT LBS
13	4		580419	Rear Mount Plate Length Adapter Short	
14	4		580418	Rear Mount Plate Length Adapter Mid	
15	4		580417	Rear Mount Plate Length Adapter Short	

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DRAWN: _____

DATE: 5/10/2020

CHECKED: _____

QA: _____

MFG: _____

APPROVED: _____

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One Up Offroad

DWG NO: 101019 Torxz Formed Rev 4

SCALE: 1 / 4" REV: _____ SIZE: B SHEET 1 OF 18

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Kit Stock # 101026 Shipper
Torxz Traction Bar Pivot Mounts
 2017+ Superduty F250 F350 F450
 Long Box or Short Box
 No taller than a 5" lift

Packaged By _____ Label#910481

Instructions

PARTS LIST					
ITEM	QTY	Qty Included	PART NUMBER	DESCRIPTION	Torque
1	1		580199	Torxz Frame Mount Driver	
2	1		580200	Torxz Frame Mount Passenger	
3	2		570081	Torxz Nut Plate Side 1/2-13	
4	2		570082	Torxz Nut Plate Bottom 1/2-13	
5	2		301046	Stamped OJO Logo	
6	4		550402	10-24 x 1/2in Long Allen Button Stainless	
7	4		550328	10-24 x 1/4in Binding Nut Zinc	
8	12		550162	1/2-13 x 1-1/2in Long Grade 8 Hex Bolt	80 Ft Lbs
9	12		550503	1/2-SAE Grade 8 Washer	
10	2		550262	5/8-18 x 4in Long Grade 8 Hex Bolt	120 FT LBS
11	4		570084	2 1/4in x 5/8in x 1/4 OJO Custom Flat Washer Zinc	
12	2		570089	7/8in x 5/8in x 2 3/4in Long Tube Spacer	
13	4		501007	Large Bushing	
14	4		501009	Dash 326 Oring 3/16" x 1 5/8 I.D.	
15	1		601015	Rear Bar Hardware Kit	80 FT LBS
16	1		601152	Traction Bar Installation Instructions	
17	2		501244	1Mil. Super Lube Packet	

DRAWN: _____

DATE: 12/5/2019

CHECKED: _____

QA: _____

MFG: _____

APPROVED: _____

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One Up Offroad

DWG NO: 101026 Torxz Bar Frame Mounts

SCALE: .32 REV SIZE B SHEET 1 OF 16

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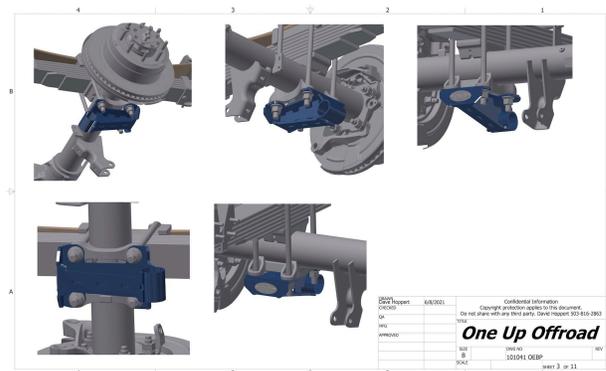
STEP 1

Remove your existing U-Bolt Nuts. Leave your OEM Under Axle/Bottom Plate Installed and hanging on the U-Bolts as it will be re-used in the next step.



STEP 2A

Place the 101041 Under Bottom Plate Axle Mount (Single Rear Wheel Trucks) or 101042 (Dual Rear Wheel Trucks) against the OE bottom plate and reinstall the nuts. The large hole extending off the bracket needs to be facing the front of the truck. Torque the nuts in a crossing pattern and 4 stages as follows. SRW Trucks: Stage 1 - 48lb-ft, Stage 2 - 96lb-ft, Stage 3 - 148 lb-ft, Stage 4 - 195 lb.ft. DRW Trucks: Stage 1 - 74lb-ft, Stage 2 - 148lb-ft, Stage 3 - 221 lb-ft, Stage 4 - 295 lb-ft. Recheck U-Bolt torque after 500 miles or immediately if you feel or hear any popping.



Cookie Preferences Install your axle

mount logo plates at this step as well with the provided #10-24 Stainless Button screws and serrated flange nuts. The logos should face the rear of the truck.

STEP 2B

Remove the rubber bushings and aluminum sleeve from the Rear Bar Mount Hardware kit, Part KP2010-00, and press them into the openings on the under axle mount. Make sure the aluminum tube is slid into the urethane bushings to act as a compression limiter.

STEP 3

Starting on the driver side of the truck, find the fuel tank impact shield that is installed in front of the forward most leaf spring bolt. Remove the 4 15mm bolts that hold it to the frame. You can discard

Cookie Preferences as we will not be reusing it. The S&B Frame Bracket will act as an impact shield itself and is much stronger than this factory sheet metal piece.

STEP 4

Use a flathead screwdriver or pry bar to pry the cage nuts out of the frame. We will not be reusing the cage nuts.

STEP 5

Find the driver side frame mount (K12048-00). Open hardware pack KP2031-00 as well and locate 2 of the 1/2" bolts as well as 1 of each size frame nut plate. Push the driver side mount against the frame tab and install 1 bolt from the bottom through the middle hole and into the frame. Install 1 bolt from the side through any of the existing holes. Install the nut

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in the inside of the frame pocket and tighten the bolts hand tight. Push the mount as far forward as the bolts will let you. This is the position we will permanently mount the bracket in. Clamp the frame mount to the frame and remove the nut plate from the bottom. You can drill through the holes in the bracket to be sure the holes line up correctly. Another option is to use a 1/2" transfer punch and then remove the bracket before drilling. Do not drill into the nut plates, it will destroy the threads. You need to drill two 1/2" holes in the forward and rear hole locations on the bottom side of the frame mount. We highly recommend sharp drill bits and stepping up in sizes progressively. Astro Tools Turbo Step TS29 bits work great.

STEP 6

After the holes are drilled, you can remove the bracket and clean the area of chips, paint the raw metal, and let dry.

STEP 7

Reinstall the bracket along with 6 of the 1/2" bolts, 1/2" washers and 2 frame nut plates. Torque all 1/2" hardware to 80lb-ft

STEP 8

Repeat the frame bracket mounting process on the passenger side. Match the location of the passenger side bracket to the driver side bracket by measuring from a cab mount to the bracket. Clamp the bracket to the frame once aligned. Drill through the bracket to ensure proper alignment. Alternatively, you can use a transfer punch to mark your holes and remove bracket before drilling. You will need to drill 6 1/2" holes in the frame on the passenger side.

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STEP 9

After the holes are drilled, remove the bracket and clean the area of chips, paint the raw metal, and let dry.

STEP 10

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he bracket using 6 of the 1/2" bolts, 1/2" washers, and 2 frame nut plates. Torque all of the 1/2" hardware to 80lb-ft.

STEP 11

Locate the 4 O-rings included in KP2031-00. Press each O-ring into the O-ring groove on both sides of the frame mount. This protects the urethane bushings and keeps water from accumulating inside the bushing group.

STEP 12

Press the urethane bushings into the frame mounts. The O-rings should help to keep them in place. Next, press the aluminum sleeve through the inside of the bushings. This is a compression limiter and allows us to torque the 5/8"

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ut crushing the bushings. Install one of the large washers on each side of the bushings and then pass the long 5/8" bolt through the washers, bushings, and aluminum sleeve. Thread the 5/8" bolt into the threaded hole on the front of the Torxz bar and torque the 5/8" bolt to 120 lb-ft. Loosen the jam nut and turn the head of the 1-1/4" bolt until you have roughly 3/4" between the bolt head and jam nut.

STEP 13

Move to the back of the bar. We include short, medium and long end plates. Determine which end plates are closest to lining up with the center of the hole in the under axle plate. Mount those end plates to the outside of the traction bar itself with 6 of the 3/8" bolts, 12 washers and 6 of the 3/8" nuts. Torque 3/8" hardware to 33lb-ft. Then, loosen the jam nut and adjust the bolt at the front of the traction bar to align the hole in the end plates with the center of the bushings in the under axle plate. Install the 1/2" bolt through the axle

Cookie Preferences centered. Torque
1/2" hardware to 80lb-ft.

STEP 14

After the rear 1/2" bolt is installed, make small adjustments to the large black bolt at the front of the traction bar to make the bushing gap the same on both sides of the frame mount with the truck at ride height. When the bar position is correct, tighten the jam nut to 150lb-ft.

STEP 15

Your installation is complete. If you have any questions during the install process, please give us a call at 909.947.0015 or email us at customerservice@sbfilters.com

Thank you for your business!

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