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› [Skyjacker TB520 Front OEM Track Bar Relocation Bracket User Manual](#)

## Skyjacker TB520

# Skyjacker TB520 Front OEM Track Bar Relocation Bracket

Model: TB520

Brand: Skyjacker

## PRODUCT OVERVIEW

The Skyjacker TB520 Front OEM Track Bar Relocation Bracket is engineered to maintain proper front suspension geometry and function, especially in lifted vehicles. This bracket is essential for relocating the original equipment manufacturer (OEM) track bar to ensure correct alignment and performance throughout the suspension's full range of travel.

Image: The Skyjacker TB520 Front OEM Track Bar Relocation Bracket, a robust black metal component designed for vehicle suspension systems.

## IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings and instructions before installation and use of this product. Failure to do so may result in serious injury or property damage.

### Proposition 65 Warning

 **WARNING:** Cancer and/or other Reproductive Harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

Image: California Proposition 65 warning symbol and text, indicating potential exposure to chemicals known to cause cancer or reproductive harm.

## WHAT'S IN THE Box

Upon opening the package, verify that all components are present and undamaged. The package should contain:

- One (1) Skyjacker TB520 Front OEM Track Bar Relocation Bracket
- Associated mounting hardware (e.g., bolts, nuts, washers)
- Installation Instructions (this manual)

## INSTALLATION INSTRUCTIONS

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Professional installation is recommended. Ensure the vehicle is on a level surface and properly supported before beginning any work. Always wear appropriate safety gear, including eye protection.

- 1. Prepare Vehicle:** Park the vehicle on a flat, stable surface. Engage the parking brake and block the wheels. Lift the front of the vehicle using a suitable jack and support it securely with jack stands.
- 2. Locate OEM Track Bar:** Identify the existing front OEM track bar and its mounting points on the frame and axle.
- 3. Remove OEM Track Bar:** Carefully unbolt the OEM track bar from its frame and axle mounting points. Retain all OEM hardware unless specified otherwise.
- 4. Position Relocation Bracket:** Align the Skyjacker TB520 relocation bracket with the original frame mounting point for the track bar. The bracket is designed to reposition the track bar's pivot point.
- 5. Secure Bracket:** Using the provided new hardware or specified OEM hardware, securely bolt the relocation bracket to the vehicle's frame. Ensure all bolts are torqued to the manufacturer's specifications. Refer to your vehicle's service manual for torque values.
- 6. Reattach Track Bar:** Attach the OEM track bar to the new mounting point on the Skyjacker relocation bracket. Use the appropriate hardware and torque to specifications.
- 7. Check Clearance and Alignment:** With the vehicle still on jack stands, cycle the suspension through its full travel range to check for any clearance issues or binding. Verify that the track bar operates freely without interference.
- 8. Lower Vehicle:** Carefully lower the vehicle to the ground.
- 9. Final Inspection:** Double-check all bolted connections for tightness. It is highly recommended to have a professional alignment performed after installation to ensure proper vehicle handling and tire wear.

## OPERATION AND FUNCTION

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The Skyjacker TB520 Track Bar Relocation Bracket is a passive component that, once installed, works in conjunction with your vehicle's suspension system. Its primary function is to correct the geometry of the front track bar on lifted vehicles. By relocating the track bar's frame-side mounting point, it ensures that the axle remains properly centered under the vehicle, preventing lateral axle shift during suspension articulation. This maintains steering stability and prevents issues such as "bump steer" or uneven tire wear.

## MAINTENANCE

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The Skyjacker TB520 bracket requires minimal maintenance. Regular inspection is key to ensuring its longevity and continued performance.

- Periodic Inspection:** Every 3-6 months, or during routine vehicle maintenance, visually inspect the bracket for any signs of damage, cracks, or corrosion.
- Check Fasteners:** Verify that all bolts securing the bracket and the track bar to the bracket are tight. Re-torque if necessary according to vehicle manufacturer specifications.
- Cleanliness:** Keep the bracket free from excessive dirt, mud, and road salt, which can accelerate corrosion. Clean with mild soap and water if needed.

## TROUBLESHOOTING

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If you experience issues after installing the track bar relocation bracket, consider the following common problems and solutions:

- **Issue:** Vehicle pulls to one side or steering feels off-center.

**Solution:** This often indicates that the axle is not perfectly centered. Ensure the track bar is properly adjusted (if adjustable) and that all mounting bolts are torqued correctly. A professional wheel alignment is highly recommended after installation.

- **Issue:** Clunking or rattling noises from the front suspension.

**Solution:** Check all mounting hardware for tightness. Loose bolts can cause noise. Inspect the track bar bushings and the bracket itself for any signs of wear or damage.

- **Issue:** Limited suspension travel or binding.

**Solution:** Re-check the installation steps to ensure the bracket is correctly positioned and that there are no interferences with other suspension components throughout the full range of suspension travel.

If problems persist, consult with a certified automotive technician or contact Skyjacker customer support.

## SPECIFICATIONS

Attribute	Detail
Brand	Skyjacker
Model Number	TB520
Product Type	Front OEM Track Bar Relocation Bracket
Item Weight	20 pounds
Product Dimensions (L x W x H)	22 x 12 x 6 inches
Manufacturer Part Number	TB520
OEM Part Number	TB520
Exterior Finish	Machined
UPC	803696184432
Lift Height Compatibility	2 inch (as per feature bullets)

## WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or replacement parts, please contact Skyjacker directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

While specific warranty details are not provided in this manual, Skyjacker typically offers warranties on their suspension components against defects in material and workmanship. Please refer to the official Skyjacker website for the most current warranty policy.

**Skyjacker Official Website:** [www.skyjacker.com](http://www.skyjacker.com)

## Related Documents - TB520

## Documents - Skyjacker – TB520

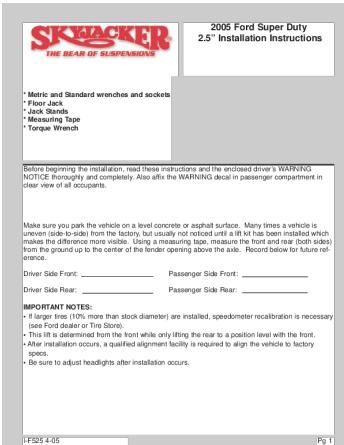


### [pdf] Instructions

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[www.skyjacker.com](http://www.skyjacker.com) 05-11 Ford Super Duty Front Track Bar Bracket Installation Instructions Bill Of ... t 100 miles, re-torque all bolts. Photo # 3 Seat Belts Save Lives, Please Wear Your Seat Belt I-TB520 REV1 6-10 Pg 1 ...

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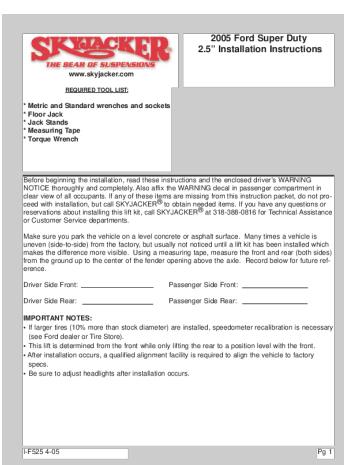


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Skyjacker Performance Suspension Parts Installation Instructions performance suspension struts shocks coil springs leaf lift kits lowering sway bars bushings air CARiD f825k h installation instructions images carid skyjacker items |||

2005 Ford Super Duty 2.5 Installation Instructions \* Metric and Standard wrenches and sockets \* FI ... ht after installation, a track bar relocation bracket may be required. If so, Order Skyjacker part# **TB520** See Photo #6 Photo #1 Photo #2 Photo #3 Photo #4 Photo #5 I-F525 Photo #6 Pg 2 ...

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[www.skyjacker.com](http://www.skyjacker.com) REQUIRED TOOL LIST: \* Metric and Standard wrenches and sockets \* Floor Jack \* Jack ... ht after installation, a track bar relocation bracket may be required. If so, Order Skyjacker part# **TB520** See Photo #6 Photo #1 Photo #2 Photo #3 Photo #4 Photo #5 I-F525 Photo #6 Pg 2 ...

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**SKYJACKER**  
www.skyjacker.com

05-11 Ford Super Duty  
Front Track Bar Bracket  
Installation Instructions

BILL OF MATERIAL

PART#	DESCRIPTION	QTY
916X3FTB	9/16 X 3 FINE THREAD BOLT	2
916FTN	9/16 X 18 NYLON INSERT LOCKNUT	2
916SAEW	9/16 SAE WASHERS	6
D260PSS-S	CRUSH SLEEVE	3

**Installation:**

- Park the vehicle on flat level ground, set the emergency brake, & block the rear tires.
- Release the vehicle & support the frame rails using jack stands. Support the front end using a floor jack.
- Disconnect the track bar from the OEM track bar bracket using a 1 3/16" socket & remove the OEM track bar bracket. (See Photo # 1)
- Attach the new Skyjacker track bar bracket to the OEM location on the frame using the (2) factory long anti-crush spacers between the front frame rail & the track bar bracket. & nuts. **Note:** Be sure to use the three 938" long anti-crush spacers between the front frame rail & the cross member. Do not tighten at this time. (See Photo # 2)
- Attach the new Skyjacker track bar bracket to the frame using the OEM hardware. Torque all track bar bolts to 129 Ft. Lbs
- Attach the track bar to the new Skyjacker track bar bracket using the OEM hardware. (See Photo # 3)
- After the first 100 miles, re-torque all bolts.

**Seat Belts Save Lives. Please Wear Your Seat Belt!**

TB580 REV1 6-10 Pg 1

Photo # 1

Photo # 2

Photo # 3

### [pdf] Instructions

Please Click here to the Instructions File Skyjacker TB580 Track Bar Bracket 2005 07 F 250 Pickup

Super Duty 4WD JEGS High Performance 825 jegs InstallationInstructions 800 |||

[www.skyjacker.com](http://www.skyjacker.com) 05-11 Ford Super Duty Front Track Bar Bracket Installation Instructions Part# 91 ... t 100 miles, re-torque all bolts. Photo # 3 Seat Belts Save Lives, Please Wear Your Seat Belt I-TB520 REV1 6-10 Pg 1 ...

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2005 Ford Super Duty  
Front Track Bar Bracket  
Instructions

Part# TB520

BILL OF MATERIAL

PART#	DESCRIPTION	QTY
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916FTN	9/16 X 18 NYLON INSERT LOCKNUT	2
916SAEW	9/16 SAE WASHERS	6
D260PSS-S	CRUSH SLEEVE	3

**Installation:**

- Park the vehicle on level ground, set the emergency brake, and block the rear tires. Release the vehicle and support frame rails using jack stands. Support front end using floor jack.
- Disconnect the track bar from the track bar bracket using a 1 3/16" socket. (See Photo #1). Remove Factory bracket.
- Locate the new track bar relocation bracket. First bolt to factory location on cross member using 9 16 X 3 fine thread bolts, washers and nuts. Be sure to use the (3) 938" long anti-crush spacers between the front of the bracket and cross member. Do not tighten at this time. (See Photo #2)
- Attach new track bar bracket to the frame using the (2) factory long anti-crush spacers between the track bar bracket to 129 Ft. Lbs
- Attach track bar to new bracket using factory hardware. (See Photo #3)
- After the first 100 miles, re-torque all bolts.

**Seat Belts Save Lives, Please Wear Your Seat Belt!**

TB520 5-05

Photo # 1

Photo # 2

Photo # 3

### [pdf] Instructions

Skyjacker TB520 Track Bar Bracket Installation Instructions mickey 05 14 2008 Please Click here to the File 2005 07 F 250 350 Pickup Super Duty 4WD JEGS High Performance 825 jegs InstallationInstructions 800 |||

[www.skyjacker.com](http://www.skyjacker.com) PART# 916X3FTB 916FTN 916SAEW D260PSS-S BILL OF MATERIAL DESCRIPTION 9/16 X 3 FINE THREAD BOLT 9/16-18 NYLON INSERT LOCKNUT 9/16 SAE WASHERS CRUSH SLEEVE QTY. 3 3 6 3 2005 Ford Super Duty Front Track Bar Bracket Instructions Part# **TB520** 1. Park the vehicle on level ground, set...

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2005 Ford Super Duty  
Front Track Bar Bracket  
Instructions

Part# TB520

BILL OF MATERIAL

PART#	DESCRIPTION	QTY
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- Attach track bar to new bracket using factory hardware. (See Photo #3)
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**Seat Belts Save Lives, Please Wear Your Seat Belt!**

TB520 5-05

Photo # 1

Photo # 2

Photo # 3

### [pdf] Instructions

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[www.skyjacker.com](http://www.skyjacker.com) PART# 916X3FTB 916FTN 916SAEW D260PSS-S BILL OF MATERIAL DESCRIPTION 9/16 X 3 FINE THREAD BOLT 9/16-18 NYLON INSERT LOCKNUT 9/16 SAE WASHERS CRUSH SLEEVE QTY. 3 3 6 3 2005 Ford Super Duty Front Track Bar Bracket Instructions Part# **TB520** 1. Park the vehicle on level ground, set...

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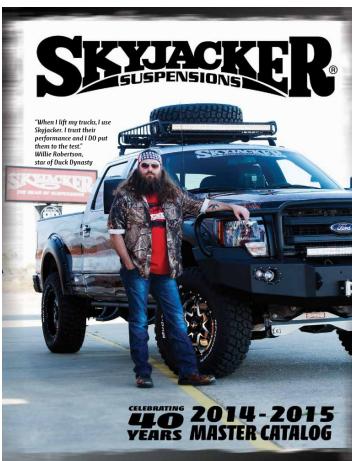
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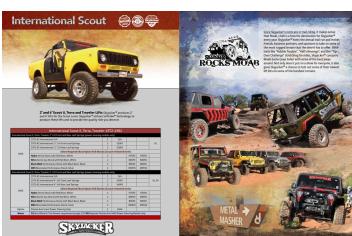
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### [Skyjacker Suspensions 2014-2015 Master Catalog: Lift Kits & Performance Parts](#)

Explore the comprehensive Skyjacker Suspensions 2014-2015 Master Catalog. Discover a wide range of lift kits, leveling kits, shocks, and suspension components for Chevrolet, GMC, Ford, Jeep, Toyota, Dodge, and more. Enhance your vehicle's performance and off-road capability with Skyjacker's quality aftermarket parts.

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2 and 4 Scout II, Terra and Traveler Lifts Skyjacker produces 2 and 4 lifts for the Scout Lover. Sky ... F52MK G33 F52MS KIT NOTES: G33. Optional Track Bar Relocation Bracket may be Required. Part # **TB520**. R3510 05-07 F-250 Super Duty Diesel Engine 4WD Kit 2-2.5 F525K G31, G32 2-2.5 F525PN... lang:en score:16 filesize: 13.32 M page\_count: 118 document date: 2017-02-08

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Black MAX twin tube shock absorbers have increased fluid capacity and utilize foam-cell technology ... F565 F11651 FA450 N8093 N8079 F4601PH PK-IFS PK-IFS LID F4601A-NSP F4601BST H7060 F525PN F52 R3510 **TB520** N8091 N8060 F5451PN PK-JK/SD PK-JK/SD LID F545 F5451 FA450 N8092 N8079 F5651PN PK-JK/SD PK-JK/...

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