

SKYJACKER

SUSPENSIONS

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2017-2025 Ford F250 \ F350 Spare Tire Carrier Installation Instructions

Required Tools List:

- SAE Sockets \ Wrenches (9/16" & 3/4")
- T30 Torx Bit
- Impact Wrench
- Safety Glasses
- Torque Wrench



Before beginning the installation, read these instructions thoroughly & completely. Please refer to the Parts List to insure that all parts & hardware are received prior to disassembly of vehicle. If any parts are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain the needed items. If you have any questions or reservations about installing this product, contact SKYJACKER® Technical Assistance at 318-388-0816.

Important Notes:

- Designed to Fit OEM Factory Tires Up To 40" Diameter Tires.
- Designed for 2017-2025 Ford Super Duty With Bed Standard Interface Plates.

Component Box Breakdown:

Part # F17STM

Item #	Description	Qty
F17STMFP-B	FRONT PLATE	1
F17STM LH-B	LOCK HANDLE	1
F17STM MB-D	MAIN BRACKET, DRIVER	1
F17STM MB-P	MAIN BRACKET, PASSENGER	1
F17STM RS-1	REAR SUPPORT BRKT, UPPER	1
F17STM RS-2	REAR SUPPORT BKRT, LOWER	1
F17STM SP-S	SIDE PLATE	2
HB-F17STM	HDWR BAG: FOR # F17STM	1

Hardware Bag Breakdown:

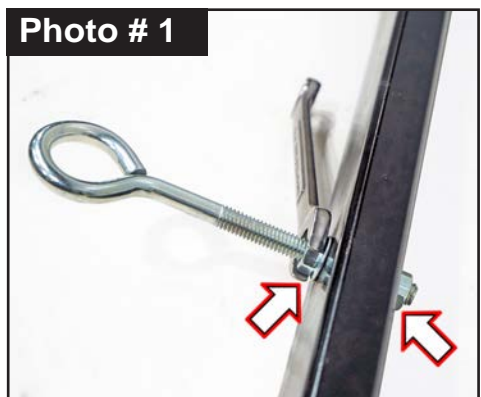
Part # HB-F17STM

Item #	Description	Qty
F17STM-CS	CRUSH SLEEVE / 2.438 LONG	2
2437	EYE BUSHING	4
38X34TCFB	3/8 X 3/4 THRD CUTTER FLG BOLT	6
38X4CTEB	3/8 X 4 COARSE THRD EYE BOLT	1
38FSCTN	3/8 SERRATED FLANGE NUT	2
12X312CTB	1/2 X 3-1/2 COARSE THRD BOLT	2
12X6CTEB-S	1/2 X 6 COARSE THRD EYE BOLT	1
12USSW	1/2 USS WASHER	2

Pre-Installation Tips: Install Assembly, Anchor Hook, Bushings & Sleeves.

1. Locate supplied 3/8" X 4" Coarse Thread Eye Bolt. Thread supplied 3/8" Flange Nut onto Eye Bolt with 'flange' away from hook. (Photo # 1) **Tech Note:** Approximately 2-1/2" from thread end of Eye Bolt.

Insert 3/8" X 4" Eye Bolt through Skyjacker # F17STM MB-P Passenger Side Main Bracket & attach with supplied 3/8" Flange Nut. (Photo # 1) Tighten both flange nuts using a 9/16" socket \ wrench.

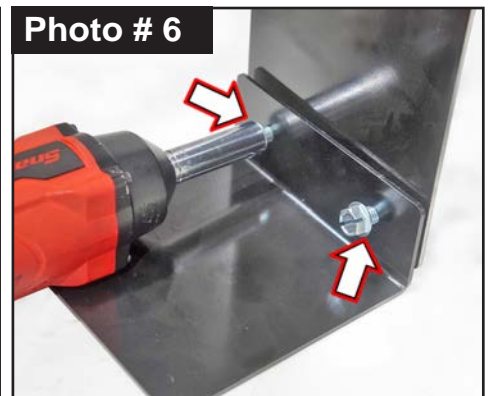
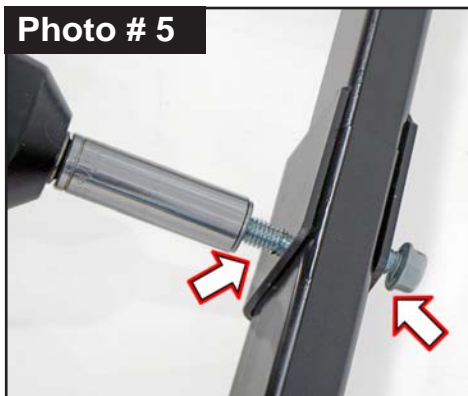
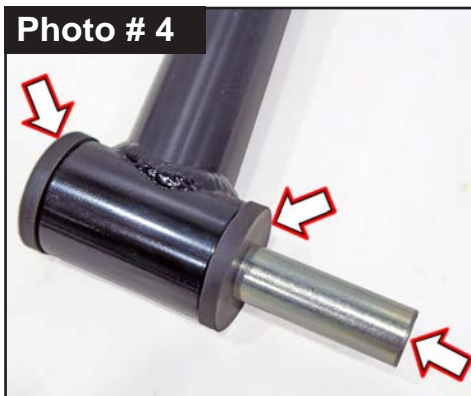
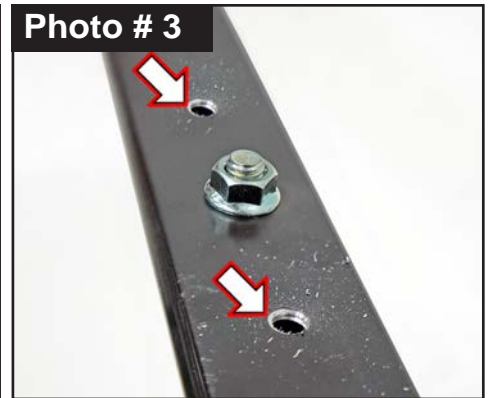
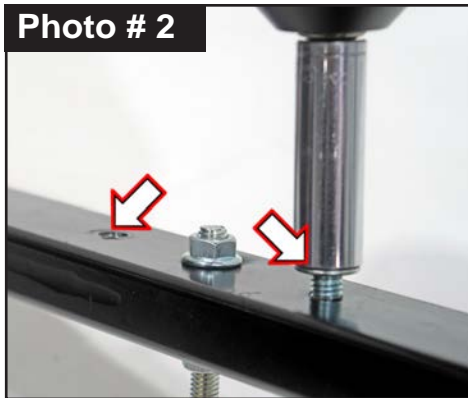


2. On forward side of Skyjacker # F17STMMB-P Passenger Side Main Bracket (Eye Bolt), use supplied 3/8" x 3/4" Thread Cutter Flange Bolts to cut threads into mounting holes using an impact wrench & 9/16" socket. (Photo # 2)

Remove Thread Cutter Bolts from bracket. (Photo # 2)

Tech Note: Do not leave thread cutter bolt attached.

3. Coat supplied Eye Bushings with a water resistant grease. Press Eye Bushings into each Skyjacker Main Bracket eye. (Photo # 4) Coat supplied Sleeve & press into Eye Bushings.
4. Insert Skyjacker # F17STMMB-P Passenger Side Main Bracket inside of Skyjacker # F17STMMB-D Driver Side Main Bracket. Align forward & rearward mounting holes. Attach with supplied 3/8" x 3/4" Thread Cutter Flange Bolts using an impact wrench & 9/16" socket.
5. Align two (2) mounting holes of Skyjacker # F17STMRS-1 Upper Rear Support Bracket to two (2) mounting holes of Skyjacker # F17STMRS-2 Lower Rear Support Bracket. Attach with supplied 3/8" x 3/4" Thread Cutter Flange Bolts using an impact wrench & 9/16" socket. (Photo # 6)



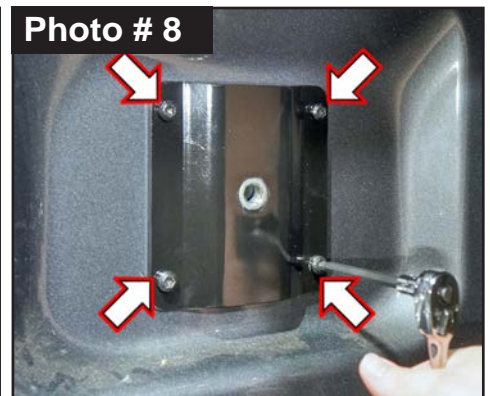
Installation: Note: Save all factory components & hardware for reuse, unless noted.

1. Remove four (4) Torx bolts from OEM Standard Interface Plate on Driver side front mount using a T30 Torx Bit. Remove OEM Standard Interface Plate. (Photo # 7) Repeat Process on Passenger side front mount.

2. **Note:** Skyjacker Side Plates Are Not Side Specific:
F17STMSP-S Driver or Passenger Side.

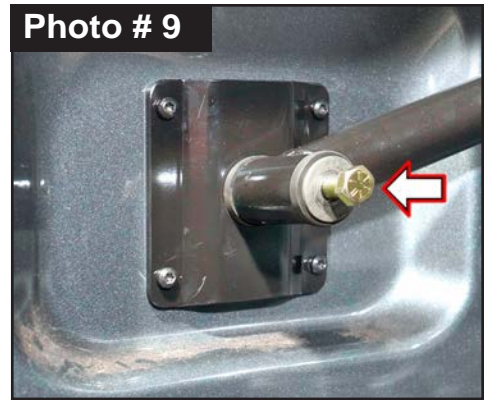
Install Skyjacker Side Plate on Driver side front mount with OEM Torx bolts using a T30 Torx Bit. (Photo # 8)

Repeat Process on Passenger side front mount.



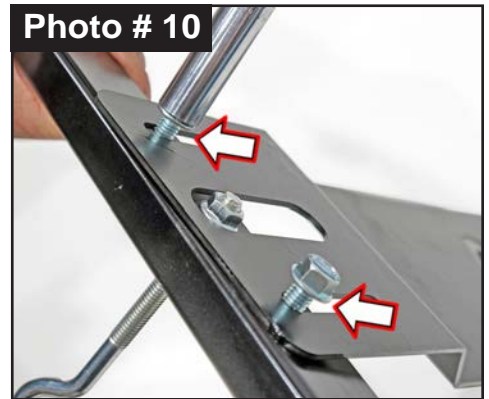
3. **Note:** Skyjacker Main Brackets install with 'Eye' of Eye Bolt rearward with two (2) mounting holes forward.

Attach Driver Side Main Bracket eye / bushing mount to Skyjacker Side Plate on Driver side front mount with supplied 1/2" USS Washer & 1/2" x 3-1/2" Bolt using a 3/4" socket \ wrench. (Photo # 9) Secure, but **Do Not Completely Tighten**. Repeat Process on Passenger Side front mount.



4. Position Skyjacker Upper Rear Support Bracket with top three (3) mounting slots 'behind' Skyjacker Passenger Side Main Bracket. (Photo # 10 & # 11)

Align Upper Rear Support Bracket outer slots with Passenger Side Main Bracket mounting holes. Attach with supplied 3/8" x 3/4" Thread Cutter Flange Bolts at each mounting hole using a 9/16" socket \ wrench. (Photo # 10) Secure, but **Do Not Completely Tighten**.



5. Measure overall tire height of your spare tire. (Photo # 12)

Note: You need an exact measurement to mount properly.

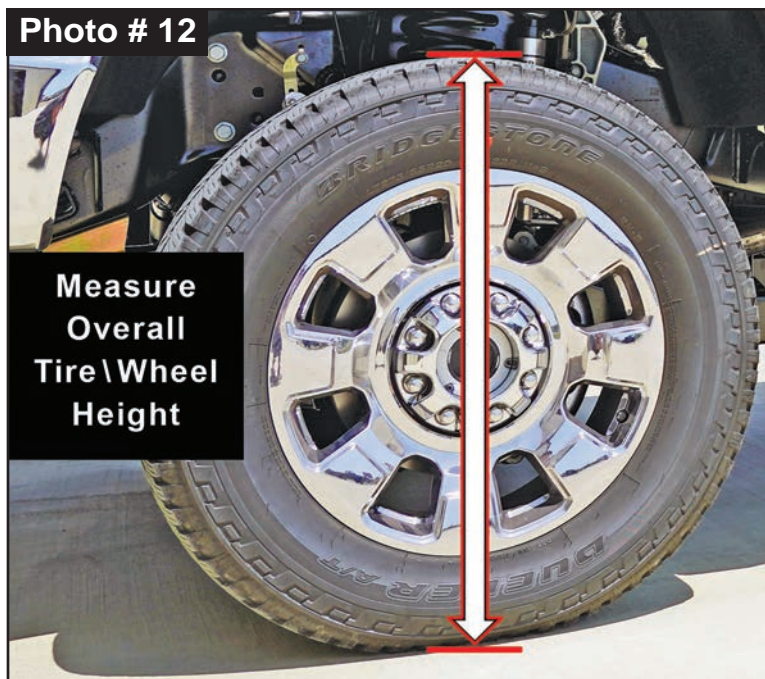
Use tire height measurement to calculate proper positioning of Skyjacker Tire Support Bracket.

Divide your measurement in half to get center.

Measurement _____ $\div 2 =$ _____.

Example: $32.75 \div 2 = 16.375"$, $33" \div 2 = 15.5"$, $36.5 \div 2 = 18.25"$, $37" \div 2 = 18.5"$, etc.

6. Use your center measurement to set Skyjacker Support Bracket to proper height. (Photo # 13) Tighten supplied 3/8" x 3/4" Self-Tapping Bolts at each mounting hole using a 9/16" socket \ wrench. (Photo # 10) Torque to 35 ft-lbs.



7. Tighten Skyjacker Driver Side Main Bracket eye /bushing mount to Skyjacker Side Plate on Driver side front mount using a 3/4" socket \wrench. (Photo # 14)

Repeat Process on Passenger side front mount.

8. Position supplied 1/2" x 6" Coarse Thread Eye Bolt Open 'Eye' through 'Eye' of Eye Bolt on Main Bracket. (Photo # 15)

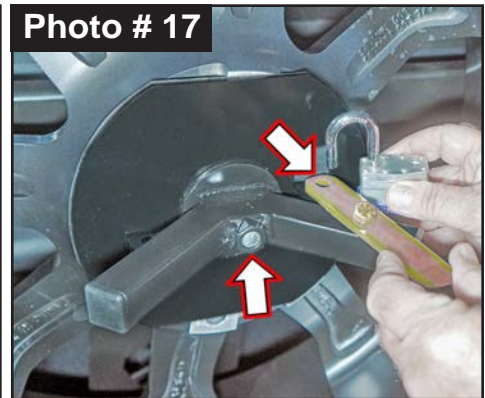
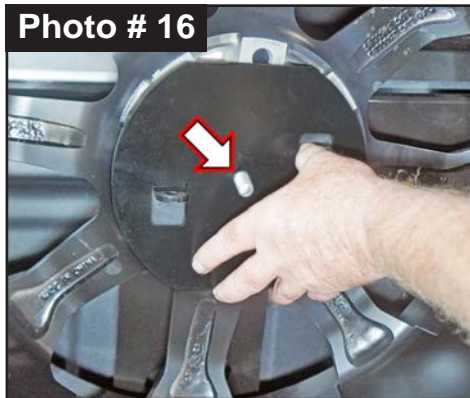
9. Position your spare tire onto Skyjacker Support Bracket.

Note: Position spare tire wheel with outside face of wheel facing forward.

10. Align 1/2" x 6" Coarse Thread Eye Bolt through your spare tire. (Photo # 16)
Align Eye Bolt through Skyjacker # F17STMFP-B Front Plate center mount.

11. Turn \tighten Skyjacker # F17STMLH-B Lock Handle onto Eye Bolt. (Photo # 17)
Turn \tighten Lock Bracket until spare tire is secure.

Align Lock Bracket lock lever to Front Plate lock tab. Secure with padlock (lock not included).



Final Notes:

- After installation is complete, double check that all nuts & bolts are tight. Refer to following chart for proper torque specifications.

TORQUE SPECIFICATIONS					
INCH SYSTEM			METRIC SYSTEM		
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 8.8	Class 10.9
5/16	180 in-lbs	240 in-lbs	6MM	60 in-lbs	108 in-lbs
3/8	30 ft-lbs	35 ft-lbs	8MM	216 in-lbs	23 ft-lbs
7/16	45 ft-lbs	60 ft-lbs	10MM	32 ft-lbs	45 ft-lbs
1/2	65 ft-lbs	90 ft-lbs	12MM	55 ft-lbs	75 ft-lbs
9/16	95 ft-lbs	130 ft-lbs	14MM	85 ft-lbs	120 ft-lbs
5/8	135 ft-lbs	175 ft-lbs	16MM	130 ft-lbs	165 ft-lbs
3/4	185 ft-lbs	280 ft-lbs	18MM	170 ft-lbs	240 ft-lbs
Above Specifications Are Not to Be Used When Bolt Is Being Installed With a Bushing.					

Seat Belts Save Lives, Please Wear Your Seat Belt.