

# 2017 F250 / F350 / 450 ADAPTER KIT

MODEL #48605

CAREFULLY READ THE FOLLOWING INSTALLATION INFORMATION.

Item no	Description	Included
1	Frame Bracket – Driver	1
2	Frame Bracket – Passenger	1
3	Bolt, 9/16" x 4-1/2, Hex Head, Grade 8	4
4	Washer – Flat, 9/16"	4
5	Washer – Conical	4
6	Nut, 9/16", Locking, Grade 8	4
7	Bolt, 1/2" x 2", Hex Head, Grade 8	2
8	Fill Shim – Small	4
9	Spacer Block, 8mm x 40mm x 60mm	4
10	Spacer Block, 12mm x 25mm x 50mm	4
11	Galvanic Isolator Material	1 Roll

BASE RAILS AND ALL OTHER HARDWARE SHOWN INCLUDED IN PART #48630

## WARNING

- Do not install mounting rails over plastic bed liners. Plastic liners must be trimmed away to allow base rails to contact bed directly. Spray in bed liners are acceptable.
- These instructions are guidelines only. Actual installation is the responsibility of the installer and the owner.
- Use only supplied hardware for installation. 9/16" nuts and bolts are Grade 8 for this installation.
- Before beginning installation of mounting rails, brackets, and hitch measure to make sure adequate clearance between the truck and trailer exists to allow for turns.

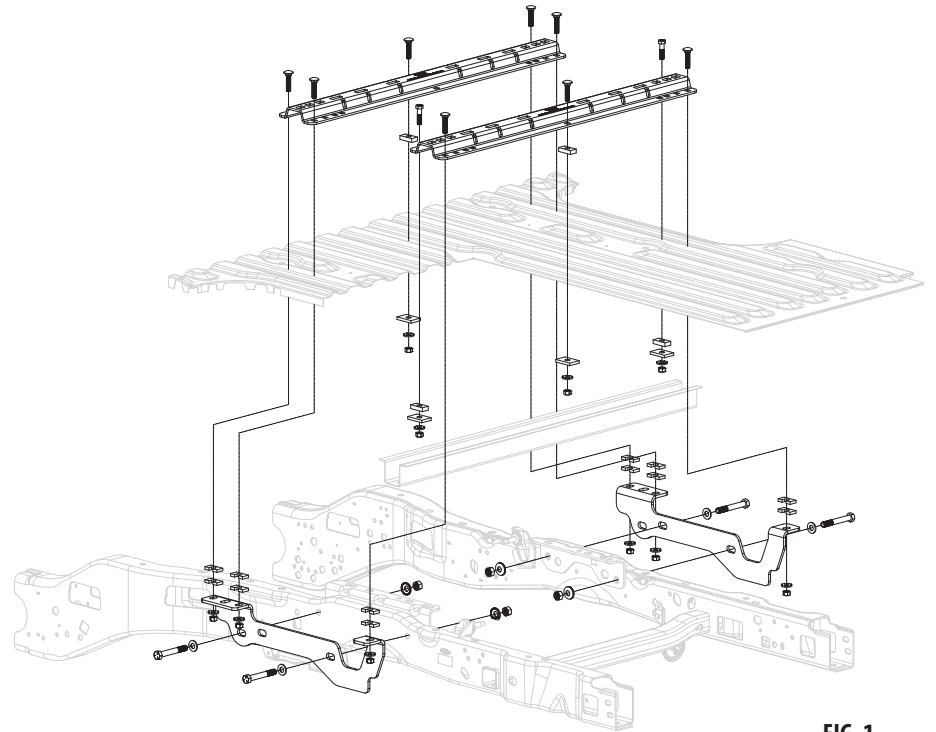


FIG. 1

### Tools Needed

1/8" Drill Bit	3/4" Socket Wrench
9/16" Drill Bit	7/8" Socket Wrench

## Installation Instructions

- Lower and remove the spare tire if extra room is required. Remove plastic wheel well liners for access to the frame.

**NOTE: This vehicle has an aluminum bed. It is required that all steel components of this install kit be isolated from the aluminum frame. Apply segments of the included isolator material [11] between all steel components and the aluminum bed.**

- Temporarily install both frame brackets [1 & 2] using 9/16" bolt, flat washer, conical washer, and nut [3, 4, 5, 6] into the existing holes in the frame [see figure above]. Only loosely tighten hardware at this time. Push both brackets forward toward the cab of the truck as far as they will go. This will help ensure the mounting rail is installed perpendicular to the frame. Center punch the bed from underneath through the base rail mounting slots (3 per bracket).
- Place the forward base rail (w/ isolators) in the bed of the truck and align with the center punches. Punch marks should align with the outer most 10 bolt square holes. Adjust center punch marks side to side as needed to center base rail in the truck bed. Move the base rail out of the way and drill 1/8" holes through the bed at the center punch locations. From underneath check to make sure the 1/8" holes line up with the frame brackets.

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4. Remove the frame brackets and enlarge the 1/8" holes to 9/16". Reinstall frame brackets and mount forward base rail using 1/2" carriage bolts, fill shims - small, 1/2" conical washers, and 1/2" nuts (hardware in 48630 bolt pack) for rows 1 & 2 (see fig. 4). Fill shims to be installed in the truck bed corrugation either between frame bracket and truck bed or between base rail and truck bed. Be sure to use galvanic isolator material at this step. Loosely tighten 1/2" bolts at this time.
5. Place the unassembled fifth wheel legs, slider, or gooseneck in the forward base rail. Position the rear base rail by aligning with the fifth wheel legs, slider, or gooseneck. Push the rear base rail toward the forward base rail to ensure a tight fit. If the fifth wheel or gooseneck to be used with the truck is not available set up the rear rail 22" on center from the forward rail. Be sure the rear rail is centered between the bed box sides. Center punch in the outer most 10-bolt mounting holes on each end of the base rail.
6. Check to make sure the center punch in the bed aligns with the rear slot in the frame brackets. Drill 1/8" holes through the bed at the center punch locations.
7. Enlarge 1/8" holes to 9/16" being careful not to drill through the mounted frame brackets below. Mount rear base rail using 1/2" carriage bolts, fill shims - small, 1/2" conical washers, and 1/2" nuts (hardware in 48630 bolt pack) on row 4 (see fig. 4). Fill shims to be installed in the truck bed corrugation either between frame bracket and truck bed or between base rail and truck bed. Be sure to use galvanic isolator material at this step. Loosely tighten 1/2" bolts at this time.
8. Use 1/2" hex bolts, 8mm spacer block, 12mm spacer block, 1/2" conical washer, and 1/2" nuts on row 3 [7, 9, 10]. Spacer blocks to be mounted below the truck bed within the channel of the bed support (see fig. 3). Be sure to use galvanic isolator material on this step. Loosely tighten 1/2" bolts at this time.
9. Install fifth wheel or gooseneck into base rails to ensure proper fit and spacing. Keep the fifth wheel or gooseneck installed and final torque all bolts.
  - a. 1/2" hardware to 75 ft-lbs [102 N\*M]
  - b. 9/16" hardware to 150 ft-lbs [204 N\*M]
10. 1/2" carriage bolts are required in the outer most square holes in center of base rails for all installations. Refer to 48630 instructions for specifics. For this installation (1) 12mm spacer block will be used between the base rail and the truck bed and (1) 8mm spacer block will be used between the truck bed and the conical washer.
11. Replace plastic wheel well liners and spare tire removed at beginning.

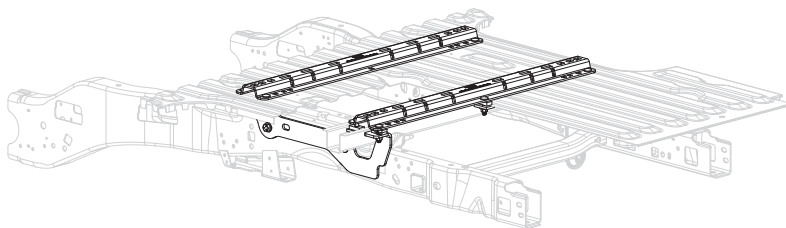


FIG. 2

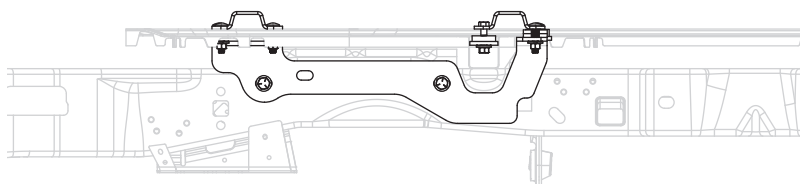


FIG. 3

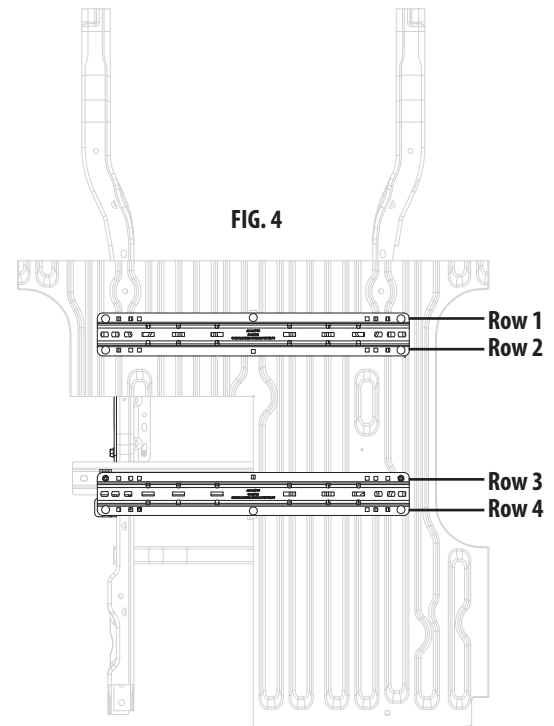


FIG. 4

Row 1  
Row 2

Row 3  
Row 4

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