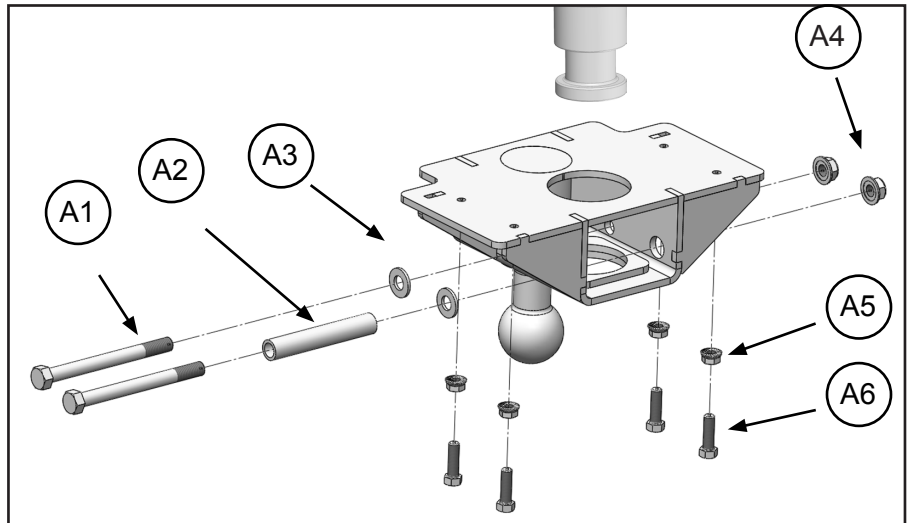




# OWNER'S MANUAL SUPPLEMENT

## King Pin Adapter Installation

1. Verify that the king pin is clean and free of burrs before installing the King Pin Adapter. Remove any burrs with a flat file. If you are having fit issues, see "Challenge vs. Solution" in the Owner's Manual.
2. Slide the King Pin Adapter over the king pin and install one Adapter Plate Bolt {A1} and Flat Washer {A3} horizontally through the smaller cross hole nearest the hitch ball (*right*). Install 1/2" Flange Nut {A4} and hand tighten only.



3. Install the Adapter Bolt Reinforcement Tube {A2} through the larger cross hole in the Adapter Plate, then the remaining Adapter Plate Bolt and Flat Washer through this tube. Install nut and snug by hand.
4. The adapter can be installed with the hitch ball offset in two positions—either ahead or behind the king pin. Determine the position you would like installed; placing the hitch ball ahead of the king pin will add additional cab clearance during tight turns, but does not guarantee total cab clearance for short bed trucks. Likewise, placing the ball behind the king pin will reduce the trailer-to-cab clearance. Orient the King Pin Adapter appropriately and make sure it's aligned parallel with the king pin box.
5. Tighten the four Adapter Plate Set Screws {A6} evenly with a 9/16" socket, and torque to 20 ft. lbs. *The gap between the King Pin Adapter and the king pin box's skid plate may be uneven due to several conditions, e.g., concave or convex skid plate or skewed king pins.*
6. Tighten the four 3/8" Flange Nuts {A5} until tight, approximately 20 ft. lbs.
7. Torque both Adapter Plate Bolts installed in Steps 2 & 3 to 75 ft. lbs.
8. Should you want to change the orientation of the adapter, it should only be necessary to loosen the Flange Nuts {A5} and Adapter Plate Set Screws, and rotate the Adapter Plate on the king pin. Loosening the remaining hardware should not be necessary most of the time.

