

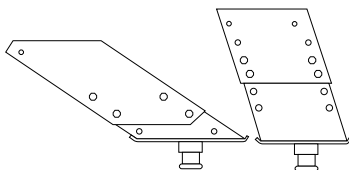


LIPPERT
COMPONENTS®

Formerly  Atwood Mobile Products

LITERATURE NUMBER **MPD 71074**

5TH WHEEL PIN BOX



ENGLISH

•Installation •Operation •Maintenance

Effective 11/21/07

SAFETY ALERT SYMBOLS

Safety Symbols alert you to potential personal safety hazards. Obey all safety messages following these symbols.



WARNING

avoid possible
injury or death



CAUTION

avoid possible
injury and/or property damage

FOR YOUR SAFETY READ ALL INSTRUCTIONS BEFORE INSTALLATION AND OPERATION

Installer: Provide these instructions to the consumer.

Consumer: Keep documents for future reference.

The Atwood 5th Wheel Pin Box is intended for use on recreation vehicle 5th wheel-type trailers only.

CAPACITY

AB-72	75690	72°	18,000 lbs. SAE/CSA
AB-34	75700	34°	10,000 lbs. SAE/CSA
AB-34HD	75705	34°	18,000 lbs. SAE/CSA

DO NOT EXCEED THIS CAPACITY



WARNING

TRAILER CAN MOVE OR COLLAPSE

- Know the vehicle weight and all added payload. DO NOT exceed the gross vehicle weight rating indicated on the pin box.
- Use only with 5th wheel hitches designed for use with SAE 2" kingpin.

INSTALLATION

1. Assemble pin box before welding to the trailer frame. Use eight (four per side) 1/2" x 13" UNC x 1" long, grade 5 bolts with lock nuts that are supplied and assemble to the desired height. Tighten bolts to 50-55 ft. lbs. torque.
2. Place 3/8" diameter rods through the holes in the sides of the pin box to provide stops for locating the correct depth in the frame.
3. AB-72 pin box must penetrate trailer frame a minimum of 1-3/4". AB-34 and AB-34HD must penetrate trailer frame a minimum of 1-1/2".
4. Pin boxes must be welded full length along trailer frame on both sides and also across front of pin box to front frame member as shown. Use 5/16" fillet weld No. E601 AWS welding rod 5/16" diameter, machine amps (AC or DCRP) @ 160-180 with 50 volts.
5. AB-34HD has a flanged, reinforcing plate on the rear of the pin box. Weld the flange to the frame, also.

OPERATION

1. See the 5th Wheel hitch manufacturer's operating instructions for coupling and uncoupling procedures.

MAINTENANCE

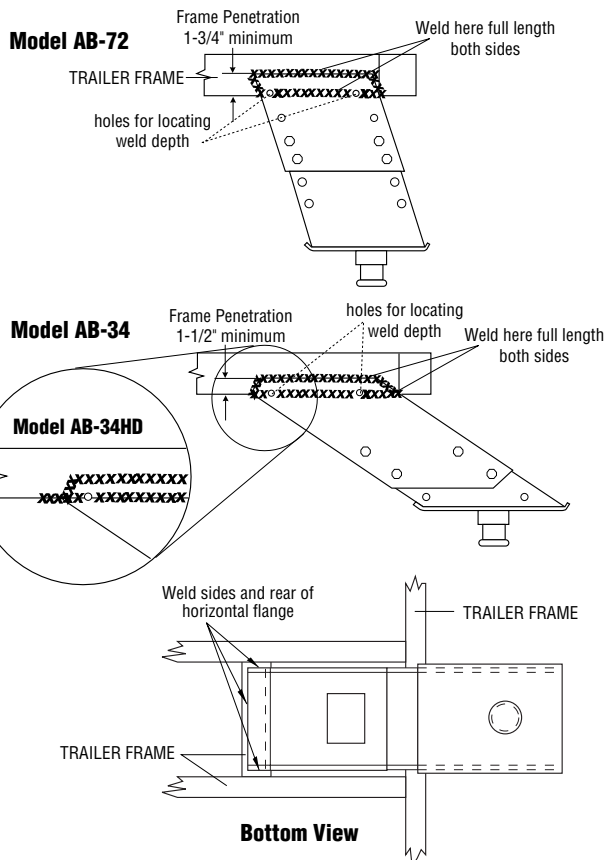
1. Inspect nuts, bolts, king pin, skid plate and bolt holes at least every 2,000 miles of operation for signs of stress or cracking. Torque the bolts to 50-55 ft. lbs.
2. Skid plate surface may need to be cleaned in order to evaluate condition. If skid plate or any portion of the pin box connection shows bending or cracking, replace the pin box immediately.
3. Grease contact surface of pin box with a lithium base grease every 2,000 miles of operation or monthly during use to reduce wear and provide easier turning.



CAUTION

PERSONAL INJURY AND/OR PRODUCT DAMAGE

- Do not repair worn or damaged pin box. Pin box must be replaced.
- Do not make alterations to pin box.





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Follow proper safety practices. If in doubt, consult a professional RV technician.