

TRAVELLER®

Distributed By:
TRACTOR SUPPLY COMPANY
200 POWELL PLACE
BRENTWOOD, TN 37027
For customer support, call: 1-888-376-9601
www.TractorSupply.com
MADE IN CHINA

TRAILER COUPLERS INSTRUCTION MANUAL

COUPLER USE, MAINTENANCE, INSTALLATION, AND SERVICE

All Couplers meet or exceed SAE J684 and VESC V5 specifications.

READ, UNDERSTAND, FOLLOW, AND SAVE THESE INSTRUCTIONS



1. Check vehicle hitch, ball, and coupler for signs of wear or damage. Replace any parts that are worn or damaged before towing.
2. Know your trailer plus added load weight. Do not exceed lesser of coupler, vehicle, ball or trailer weight ratings. Use only the ball diameter indicated on your coupler. Use of any other ball diameter will create an extremely dangerous condition which can result in separation of the coupler and ball or ball failure.
3. Be sure the coupler is secured to the hitch ball and the lock lever or hand wheel is down tight and locked. Clamp hand wheel couplers hand tight only. Assure that the ball clamp is properly nested under the ball and not sitting on top of the ball. Recheck tightness again after towing about 50 miles.
4. Check that trailer safety chains are properly connected.
5. Check that all trailer lighting is properly connected and working correctly.

MAINTENANCE INSTRUCTIONS

Recommended Maintenance

1. Smear ball socket and clamp face with chassis grease. Periodically oil pivot points and sliding surfaces of coupler with SAE 30 wt. motor oil.
2. When parking or storing your trailer, keep the coupler off the ground so dirt will not build up in the ball socket.

INSTALLATION INSTRUCTIONS FOR CLASS I COUPLERS

WELDING INSTRUCTIONS

Use 1/8" fillet weld as shown below. Use Number E6011 A.W.S. welding rod (AC RO DCAP) 1/8" diameter.

Set machine amps at 105/115 with 18/22 volts.

BOLTING INSTRUCTIONS

1. Assume coupler internal stop is pressed against end of trailer tongue for maximum overlap.
2. The preferred method is to use (4) 3/8" bolts through side holes and torque to 15/20 FT. LBS. (See illustration below) An alternate is to use (2) 3/8" grade 5 through bolts and locknuts providing they can be torqued to at least 20 FT. LBS. without excessive deformation of the coupler or the trailer tongue.



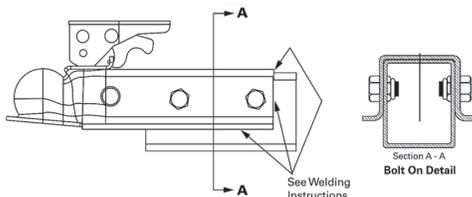
TRAILER COUPLERS

INSTRUCTION MANUAL

After installation is complete be sure to check that the coupler operation has not been impaired in any way.

If bolting on, assure proper bolt torque is possible without collapsing pipe. If not, follow (4) bolt mounting instructions.

Posi-Lock couplers can be bolted or welded in place.



INSTALLATION INSTRUCTIONS FOR CLASS II COUPLERS AND CLASS III & IV A-FRAME COUPLERS

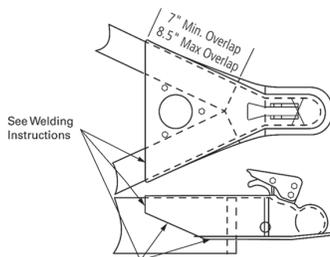
WELDING INSTRUCTIONS

Use 1/8" fillet weld as shown below. Use Number E6011 A.W.S. welding rod (AC RO DCAP) 1/8" diameter.

Set machine amps at 105/115 with 18/22 volts.



After installation is complete be sure to check that the coupler operation has not been impaired in any way.



ADJUSTMENT METHOD FOR POSI-LOCK COUPLERS

On the Posi-Lock coupler, the amount of locking force can be adjusted to the diameter of the hitch ball.

To change the amount of locking force against the hitch ball:

- 1) Release the hitch coupler-locking lever to its upright position.
- 2) Locate the adjustment nut on the bottom of the hitch coupler.
- 3) Rotate the nut on the threaded shaft clockwise to increase its tightness and counter-clockwise to decrease tightness.
- 4) Remount the trailer coupler on the hitch ball.
- 5) Push down the hitch coupler-locking lever to its horizontal locking position.
- 6) Repeat steps 1 through 5 until a snug fit is obtained.

