

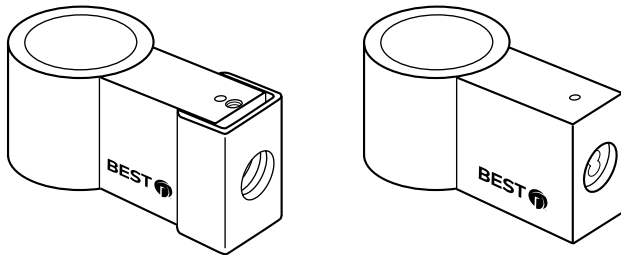
Installation Instructions for 2J Semi-Trailer Kingpin Locks

BEST offers the 2J semi-trailer kingpin lock in the following models:

2J with standard armored front 2J without armored front

2J 7L11 single latch

2J7L11-TA single latch



2J7D11 single bolt

not available in single bolt

2J7L21 double latch

not available in double latch

2J7D21 double bolt

not available in double bolt

1 Install core or cores

For standard 2J armored front models

- 1 For six-pin cores only, install the plastic spacer.
- 2 Using a long nose control key, install the figure-8 core or cores.

For 2J non-armored front model (TA option)

- 1 For six-pin cores only, install the plastic spacer.
- 2 Using a standard length control key, install the figure-8 core.

Assembly for 2J standard armored front locks

Some assembly is required for the standard 2J locks because the core is protected by an armored cover plate and dust cover. The following steps are required only for standard 2J locks. For 2J non-armored front locks (TA option), skip procedure 2, *Assemble dust & armored covers* and proceed to procedure 3, *Install lock*.

2 Assemble dust & armored covers

- 1 Insert the dust cover into the slot on the top flat surface of the trailer pin lock. See Figure 1.

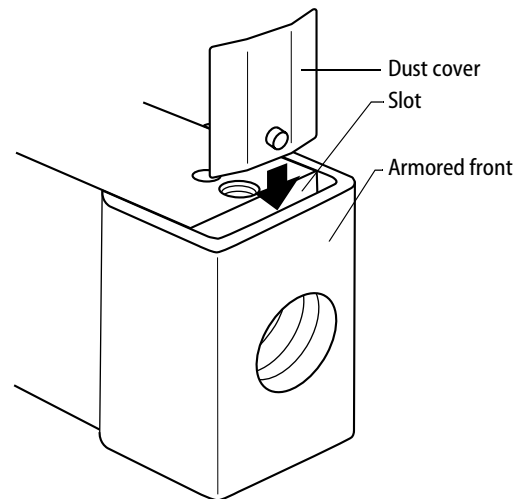


Figure 1— Inserting the dust cover

- 2 Slide the armored cover plate and disc into the slot and behind the dust cover. See Figure 2.

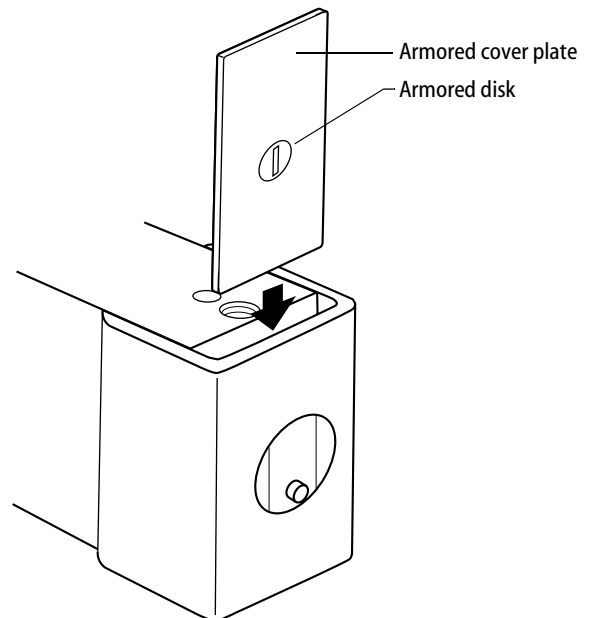


Figure 2 — Inserting the armored cover plate & disk

- 3 Drop the steel ball into the threaded hole, and then tilt the lock up so that the ball falls into the recess. You may need a pointed tool to push the ball into the recess. See Figure e3.

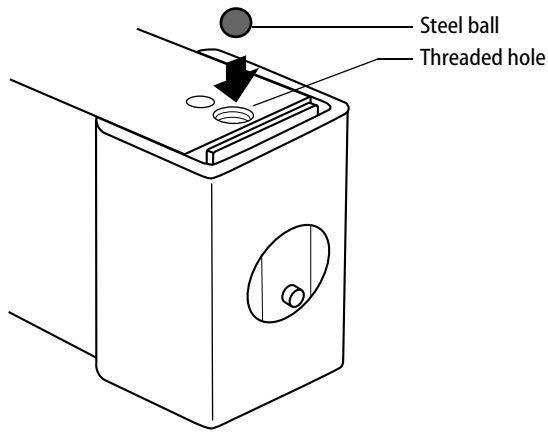


Figure 3 — Dropping the steel ball into the threaded hole

- 4 Screw in the set screw with the Allen wrench to trap the ball. See Figure 4.

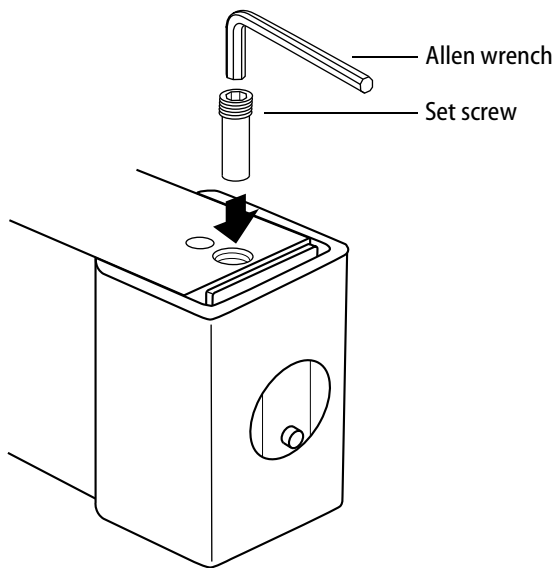


Figure 4 — Trapping the steel ball with the set screw

- 5 Using a long nose key, check to make sure that the lock operates smoothly.

Note: For double latch and double bolt locks, check the operation by using two long nose keys at the same time.

3 Install lock

Installing a 2J lock onto a semi-trailer kingpin varies between two functions:

- Latch function
- Bolt function

To install single latch & double latch models

- 1 Insert the key and rotate the latch, bevel side up.
- 2 Push the lock up onto the semi-trailer kingpin.

The lock automatically locks onto the kingpin.

To install single & double bolt models with armored front

- 1 Slide the dust cover up.
- 2 If necessary, turn the armored disk so that you can insert the key.
- 3 Using a long nose key, (or for double latch locks, use two long nose keys) rotate the latch(s), bevel side up, and push the lock up onto the semi-trailer kingpin.
- 4 Rotate and remove the key(s).

The lock locks onto the kingpin.

To remove kingpin locks having a standard armored front

- 1 Using a long nose key, (or for double latch locks, use two long nose keys), rotate the latch and pull off the lock.
- 2 Remove the key(s).

To remove kingpin locks that do not have an armored front

- 1 Using a standard key, (or for double latch locks, use two standard keys), rotate the latch and pull off the lock.
- 2 Remove the key.