

CUSTOMER ASSEMBLY INSTRUCTIONS FOR EDSCO VENTED OUTLET CAP

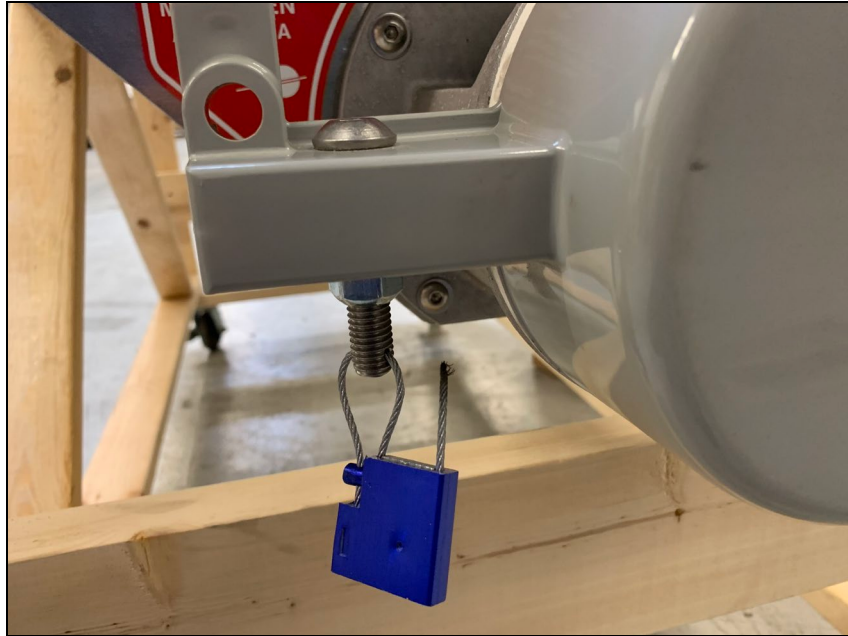
TOOLS REQUIRED

5/16" safety hex bit or socket
Ratchet
3/4" box wrench
1/8" pin set
3/16" hex key
5/32" hex key
Hammer
Wire cutters
Thread locking fluid (Loctite #263)

REMOVAL



- 1) Using wire cutters, remove the cable seal from the hinge bolt of the cap.



- 2) Using a 5/16" safety hex bit or socket and a 3/4" wrench, remove the hinge bolt. Remove the cap from the end adapter.



- 3) Use a 1/8" pin set to remove the roll pin from the locking mechanism.



- 4) Take the locking mechanism and clevis pin off of the end adapter.



INSTALLATION

- 1) Using a 3/16" hex key, thread the 1/4" high profile socket head cap screw into the locking block. Apply 2-3 drops of thread locking fluid (Loctite #263) to the fastener before installing. Secure tool tight.

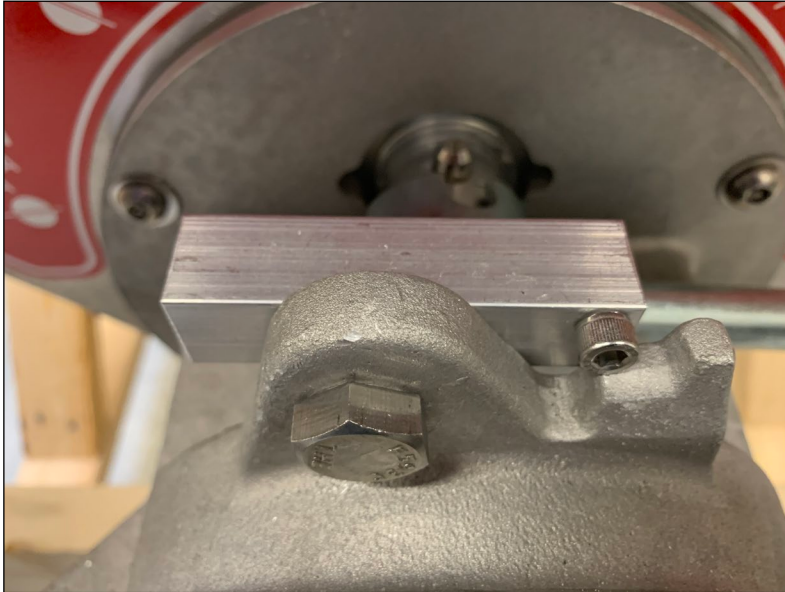


- 2) Using a 5/32" hex key, attach the spring lock to the locking block in the orientation shown below using (2) #10 socket head cap screws. Apply 2-3 drops of thread locking fluid (Loctite #263) to the fasteners before installing. Secure tool tight.



- 3) With the gate flappers in the closed position, use a 3/4" wrench to secure the lock assembly to the end adapter with a 1/2" hex head cap screw. Apply 2-3 drops of thread locking fluid (Loctite #263) to the fastener before installing. Secure tool tight.

- 4) Attach the new vented cap to the end adapter. Using a 5/16" safety hex bit or socket and a 3/4" wrench, secure the new hinge bolt and top lock nut. Bring the nut to the surface of the cap only. Do not overtighten, or the cap will become difficult to operate. Install the supplied cable seal through the seal hole on the bolt.



- 5) Repeat the removal and installation process on the opposite side of the gate. Apply the supplied decals to the side of the hopper car above the vented outlet cap on both ends of the gate. Be sure to clean the surface prior to application.

