

NABCO ENTRANCES TECHNICAL BULLETIN

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Who is the technical contact?
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Subject: Lock & Lock Rod Assembly (Pt. # 128366)

The Adams-Rite lock assembly on the slide doors have occasionally been reported as difficult to operate. All door locks are cycle tested in the door assembly department at the factory. Even though the locks pass inspection, some become difficult to operate after a short time in the field. To remedy this situation NABCO is installing a spring between the lock rod and mounting block in the top stile of the door. This reduces the load on the lock by offsetting the rod weight with the spring.

SPRING INSTALLATION INSTRUCTIONS

1. Remove the lock cylinders.(Screw the cylinder locking screws back into lock to permit removal of the lock later.)
2. Remove the lock mounting screws. Using a screwdriver or similar tool, guide the selected tool through the cylinder hole to support the lock when the lock mount screws are removed. (When guiding the selected tool through the cylinder holes be sure not to damage any of the internal components of the lock.)
3. Remove the lock mount screws.
4. Remove the lock rod guide screws. Be sure to hold onto the lock rod guide when removing screws so the guide does not fall into the stile.
5. Carefully pull the lock assembly up out of the stile. Since there is a fastener used to install the muntin bar in the stile, narrow stile doors with muntins will only allow the lock to be pulled up about one inch. Medium stile units will allow the lock to be pulled up high enough to expose the entire tip of the lock rod.
6. The spring needs to be attached per the print accompanying this bulletin.
7. In case the lock rod cannot be pulled completely up and out of the stile, it is suggested the spring be attached to the lock rod guide block first and held in place as the spring is pulled down and hooked around the base of the lock rod tip.
8. If the lock rod tip can be pulled out of the end of the stile, it is suggested that you also remove the lock rod guide and install the spring on the rod and rod guide prior to reinstalling the lock rod guide in the stile.

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