

CAM POSITIONING INSTRUCTIONS

Positioning the cam for C function locks

Vibration during the shipment of the C function locks may cause the inside locking cam to rotate out of position. You might notice this problem in one of the following ways.

- The inside key does not rotate the full 360° and the outside key does not rotate the full 135°. Remove the inside core and throw member, and perform the steps below to reposition the inside locking cam.
- Before you install the core and throw member, you can see that the inside locking cam is not positioned as shown in [Figure 3.33](#). Perform the following steps to reposition the inside locking cam.

To reposition the locking cam:

1. Looking into the figure-8 core hole in the inside lever, turn the locking cam ears counterclockwise to match the position shown in [Figure 3.33](#).

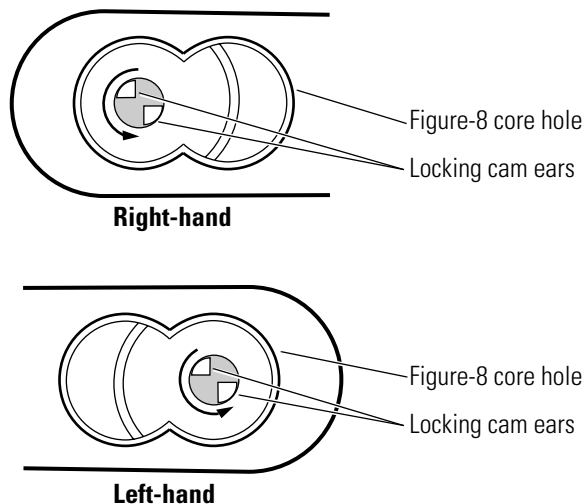


Figure 3.33 Correct position of the C function inside locking cam

2. Install the core and throw member.
3. Check the operation of the levers while the door is open. The outside lever is locked by rotating the inside key 360° counterclockwise and unlocked by rotating the inside key 360° clockwise.

Positioning the cam for G and IN function locks

Vibration during the shipment of the G and IN function locks may cause the inside locking cam to rotate out of position. You might notice this problem in one of the following ways.

- With the levers in the locked position, both the inside and outside keys do not rotate one full turn in both directions. Remove both cores and throw members, and perform the following steps to reposition the locking cam.
- Before you install the core and throw member, you can see that the locking cam is not positioned as shown in [Figure 3.34](#). Perform the following steps to reposition the locking cam.

To reposition the locking cam:

1. Looking through the figure-8 core hole in either lever, turn the locking cam drive slot to match the position shown in [Figure 3.34](#).
2. Reinstall that lever's core and throw member.
3. Looking into the figure-8 core hole in the other lever, turn the locking cam drive slot counterclockwise until it stops, as shown in [Figure 3.35](#).
4. Turn the drive slot clockwise to match the position shown [Figure 3.34](#).

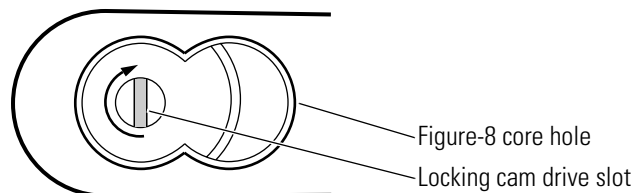


Figure 3.34 Correct position of the G and IN function locking cam

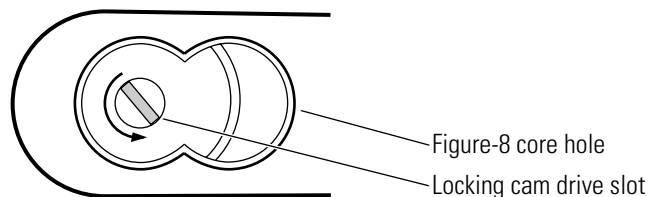


Figure 3.35 Intermediate position of the G and IN function locking cam

5. Reinstall that lever's core and throw member.
6. Check the operation of the levers while the door is open. The levers are locked by rotating the key 1 1/4 turns counterclockwise and unlocked by rotating the key 1 1/4 turns clockwise.