

ProSeries® Interchangeable Core Service Procedure

6421, 6427, 6521, 6527, 6831, 6836, 6841, 6851, 7031, 7036, 7041,
7046, 7051 Series

The ProSeries® Interchangeable Core locks employ a construction technology similar to that used in the Rekeyables. It also allows for a uniform assembly and disassembly technique. Below is the step by step procedure for disassembling this version of padlock (refer to diagram at right for parts and orientation). The only exceptions to this procedure will be the Rekeyables and Door Hardware versions of the lock.

- Use the control key to remove the IC cylinder, C. (If key is unavailable you will have to use another method).
- Remove the ring retainer.
- Remove the steel retainer plate.
- Remove the throw member.
- Remove the actuator, E.
- Remove the locking ball bearings, B, and shackle, A.

The order may be reversed to reassemble the lock. A light application of assembly grease may be used to hold the ball bearings in place during assembly.

If the lock only needs to be rekeyed, it is not necessary to remove the ring retainer, retainer plate, actuator, ball bearings, or shackle.

Two functions are available in the locks, NKR (Non Key Retaining) and NRK (Non Removable Key) and both functions are accomplished as a design feature of the actuator.

The NKR, non key retaining, function actuator used in the lock has a projection on one side. You should note the orientation of this projection when removing the actuator so that you can easily reinstall it during the reassembly process. Actuators are supplied with different sizes and orientations, and two different styles have been used in the ProSeries® locks. Consult the Actuator section, page 26, of this manual for more detailed information.

The NRK, non removable key, function actuator does not have a projection to help with orientation and you will have to rely on the position of the half-moon shaped actuator the tail of the cylinder contacts. Again, different sizes and styles are available for use in the ProSeries® locks, so consult the Actuator section, page 26, of this manual for more detailed information.

See component parts list on page 8.

