



Technical Bulletin #26

Card Reader Installation

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Card Reader and Price Plate Placement

Using the price plate or template provided, use a punch to mark the placement of the holes to be drilled for installation of the card reader. Remove the price plate. Do not drill through the price plate. Use a 5/32" drill bit for the two small holes and a 7/16" drill bit for the large hole.

TK-80, K-80, K-100

On the TK-80, K-80 and K-100 style racks, the card reader is mounted on the price plate.

On K style racks only, using the ST-710 e-mech, drill the two small holes then install the coin wizard. Drill the large hole with the coin wizard installed because the hole must also be drilled through the mounting plate on the mechanism.

On the TK-80 rack, using the ST-810 or the ST-215/205, the large hole must be drilled through the mounting bracket on the rack.

TK-49

On the TK-49 (both ShoRack and Mechanism Exchange) the card reader is mounted on the rack face below the price plate. On the TK-49 modular using the ST-215/205, the keyswitch/datalink must be moved from the mechanism to the knockout located below the mechanism (see picture.) The grey keyswitch/datalink plug must be removed from the ST-810.

Tools Needed:

- Hammer
- Center Punch
- Price Plate or template
- Drill Motor
- 5/32" Drill
- 7/16" Drill
- 100 ° Countersink (if installing in a modular rack)
- Blue, medium hold Loctite ®

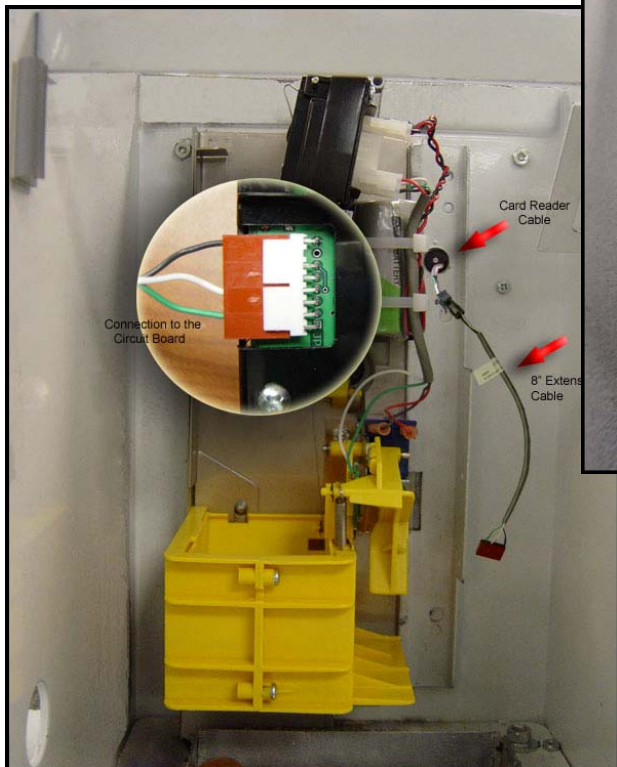
TK-80



Using the price plate or template provided, use a punch to mark the placement of the holes to be drilled for installation of the card reader. Remove the price plate. Do not drill through the price plate. Use a 5/32" drill bit for the two small holes and a 7/16" drill bit for the large hole.

The large hole must be drilled through the mounting bracket of the rack.

Put the card reader cable through the large hole from the front of the rack. Place the lock washers onto the two 6-32 x 3/8" Phillips Pan Head Screws and screw them into the back of the card reader from the inside of the rack head. If this installation is for use with the ST-215/205, the 8" extension cable must be used. Plug one end of the extension into the connector of the card reader cable. Plug the other end into the header on the reader body as shown on the left.



If this installation is for an ST-810, plug the card reader cable connector into the header on the reader body as shown below for the K-80.

K-80



Using the price plate or template provided, use a punch to mark the placement of the holes to be drilled for installation of the card reader. Remove the price plate. Do not drill through the price plate. Use a 5/32" drill bit for the two small holes and a 7/16" drill bit for the large hole.

On K style racks only, using the ST-710 e-mech, drill the two small holes then install the coin wizard. Drill the large hole with the coin wizard installed because the hole must also be drilled through the mounting plate of the mechanism.

Remove the mechanism to install the card reader.



Put the card reader cable through the large hole from the front of the rack. Place the lock washers onto the two 6-32 x 3/8" Phillips Pan Head Screws and screw them into the back of the card reader from the inside of the rack head.

Replace the coin wizard making sure to feed the card reader wire through the hole in the mounting plate and plug the card reader cable into the header of the reader body.

TK-49 Style Mechanism Exchange



Using the price plate or template provided, use a punch to mark the placement of the holes to be drilled for installation of the card reader. Remove the price plate. Do not drill through the price plate. Use a 5/32" drill bit for the two small holes and a 7/16" drill bit for the large hole. Using a 100° countersink, countersink the holes until the head of the screw is flush with the rack.



Put the card reader cable through the large hole from the front of the rack. Put a small amount of the Loctite® on the two 6-32 x 5/16" Phillips Flat Head Screws and screw them into the back of the card reader from the inside of the rack head. If the TK-49 Modular is used with an ST-215/205, the keyswitch or datalink must be moved from the coin wizard to the knockout located below the mechanism. The cable connection is the same as for the TK-80 on page 2. If it is used with an ST-810, the grey keyswitch plug must be removed. The cable connection will be the same as for the K-80 on page 3.

TK-49 Sho-Rack®

Installation procedures for Sho-Rack TK-49 are the same as for the Mechanism Exchange TK-49.



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