KITPTE-631
KIT EMV LCD DUAL SERVICE PTE 631

ASY0000359-02	ASSY POWER SUPPLY 24VAC UNTERMINATED	1 each
ASYPTE-631	ASSY EMV LCD DUAL SERVICE PTE 631	1 each
CNHF121006	TERM BLOCK PLUG 6POS STR 3.5MM	1 each
HDM0162210	COIN CHUTE PTE 500 SERIES	1 each
KIT0000603	KIT HARDWARE PTE 500	1 each
WICA000385-144	ASSY CABLE PYMNT TWR UNTERMINATED	1 each

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Initiate Communications with IVS (Existing Protel monitor)
If the machine is already equipped with a Protel Monitor, a monitor communication with IVS should be established prior to installing the PTE 500 Payment Tower to prevent a potential loss of data. This will allow the monitor to upload any activity that is currently residing in memory.

Note:
If the machine is equipped with the AIR-serv free vend radio remote, leave the radio receiver and interface module in place.

Disconnect Power Before Starting the Installation

Install the PTE 500 tower

Remove the existing tower and wiring.

It might be necessary to cut the front anchor to a maximum height of 1.00 inch to provide clearance for the faceplate.

Install three to four washers (provided in KIT0000603) on each anchor. The washers will act as shims to fill the gap between the concrete and the bottom of the payment tower.

Place the PTE 500 tower over the studs and slide forward as far as possible.

Install the remaining two nuts and washers (provided in KIT0000603) to complete the tower installation.

Install three to four washers on each anchor to fill the gap between the concrete and the tower.

Complete the tower installation using two washers and nuts as shown.

Cabling

There are three options for routing cables to the PTE 500 tower;

1. Use the existing conduit that's poured into the concrete.
2. Remove the hole blocker from the back of the tower and install a ¾" flexible conduit between the tower and the machine.
3. Route Monitor cable and Low voltage transformer wire from the Air or Vac machine down to the PTE

Coin Chute

Install the coin chute as illustrated. The coin chute was designed so that it can be installed in various configurations by rotating it 90 degrees.

Coin chute installed in a bolt on pedestal.

Coin chute installed in a poured pedestal.

Faceplate Installation

Install the faceplate by sliding the notch feature located at the bottom of the faceplate over the pivot pins located in the bottom of the tower.

Note: If the front anchor is too tall it will make it difficult to install the faceplate and can prevent it from rotating properly. The anchor will have to be cut to length if this is the case.
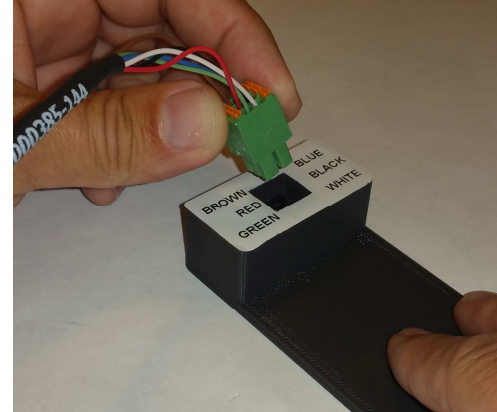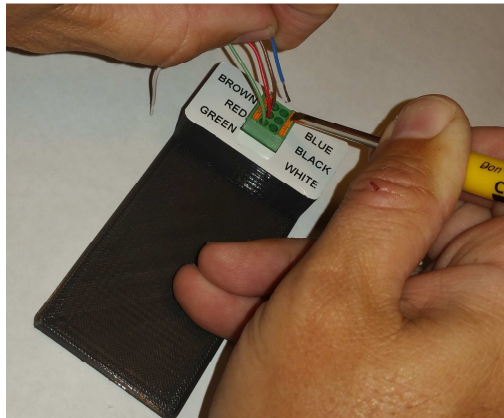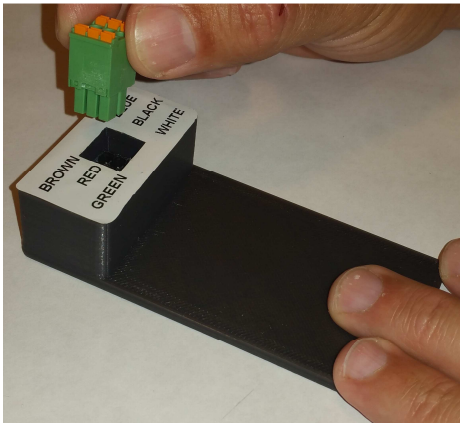

Install the faceplate by sliding the notch over the pivot pin as shown.
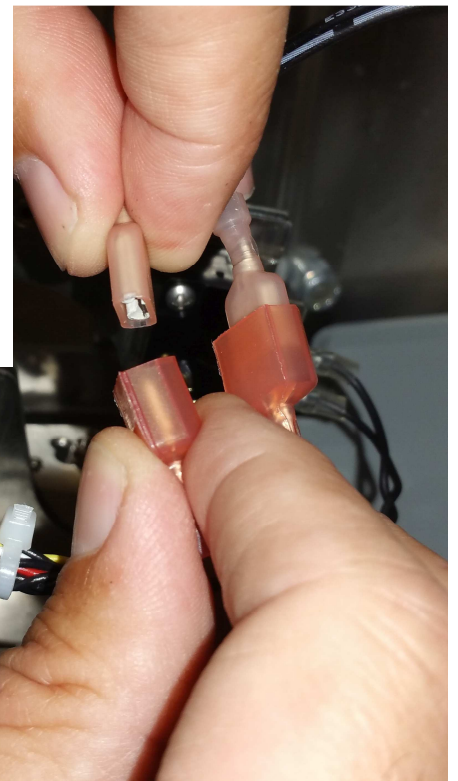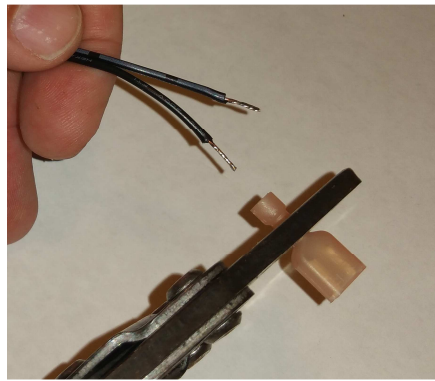
Cable Connections

Terminate the interconnect cable (WICA000385-144) with Term Block Plug (CNHF121006) using Termination Tool 6-Pin (HDM0178200) as shown.

Plug the interconnect cable (WICA000385-144) into the interconnect PCB (ASYPWA0390).

Terminate power supply cable (ASY0000359-02) using included terminals. Plug power supply cable (ASY0000359-02) into power supply adaptor (WICA000382).

Connect interconnect cable (WICA000385-144) with an AVW 400 as shown.

The eight pin connector plugs into COM2.

The single fast-on connector plugs into the top (horizontal) spade connector of C1 (coin mech).

If a remote cash box 'COLLECTION EVENT SWITCH' (provided by CSC) exists, attach to the AVW 400 connector labeled 'REMOTE SWITCH' using supplied cable (WICA000193-20).

Do not remove accessory Y-adaptor except as instructed for optional AIR-serv Free Vend Remote

Optional AIR-serv Free Vend Remote

If the AIR-serv Free Vend Radio is used install the supplied interface cable as follows:

1. Connect the white and blue/white striped wires from the supplied interface cable (WICA000372) to the corresponding white and blue/white striped wires coming from the AIR-serv RF Remote Interface.

2. Remove the existing Y-adapter from the AVW 400 connector labeled '1-WIRE' and insert the WICA000372 into the now open '1-WIRE' connector.

3. Attach the Y-adapter removed in Step 2 to the open plug provided on the AIR-serv Remote Interface Cable.

WICA000372
AIR-serv RF Remote
Interface Cable

Reconnect Power After the Installation

If no additional maintenance is being performed, reconnect power.

AVW Controller Firmware

LCD vend price/duration operation requires AVW monitor firmware version 4#35B or higher. If the monitor is not running 4#35B or higher series firmware, use a Protel FP20 Flash programmer to install the latest available version of firmware or download latest firmware through IVS.

Verify Operation

Follow the procedures in the AVW400 Installation and Operation Manual to verify that the monitor is able to communicate with IVS and that it contains the proper programming for vend pricing and time limits.

[First Time Start-Up for AVW400 EMV Card Reader](#)