



LOCKER SYSTEM

MODEL: 3641/3642



SERVICE MANUAL

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The Model and Serial numbers are needed for you to obtain quick service and parts information for your machine. The numbers are given on the identification plate located on the back side of the cabinet of the machine.

MODEL NUMBER: _____

SERIAL NUMBER: _____

SPECIFICATIONS

DIMENSIONS (w/o Packaging Material)

Model	3641	3642
Type	Standalone Locker (Host)	Satellite Locker
Width	30-1/8 inches (76.5 cm)	30-1/8 inches (76.5 cm)
Depth – Metal Doors	24-3/4 inches (63 cm)	24-3/4 inches (63 cm)
Depth – Plastic Doors	25-7/8 inches (66 cm)	25-7/8 inches (66 cm)
Height	73-5/16 inches (186.2 cm)	73-5/16 inches (186.2 cm)
Shipping Weight	370 lbs. (Varies with configuration)	370 lbs. (Varies with configuration)

COMPARTMENT SIZES (Standard)

Door Sizes	Opening: Height x Width	Depth
Small	5-1/4 x 11-3/8 inches	21-7/8 inches
Large	10-3/4 x 11-3/8 inches	21-7/8 inches

NOTES:

- Compartment height can be increased by 6" increments using the adjustable kit supplied with each Locker.
- Doors are available in Metal Solid or Metal with Window or Plastic Versions.

ELECTRICAL

Voltage	115 VAC	230 VAC
Cycle	60 Hz	50 Hz
Amperage	2.5 A (Max)	1.25 A (Max)

SAFETY MESSAGES

- Facility over current protection is the main source of over current protection of this appliance.
- If the device is used in a manner not specified by the manufacturer, then the protection provided by the equipment may be impaired.
- Consult local, state, federal codes and regulations before installing the machine.
- Before connecting the machine, the machine electricity supply must be checked for correct polarity, presence of ground and correct voltage.
- If the power supply cord is damaged, it must be replaced by manufacturer, service agent, or similarly qualified individual in order to avoid hazard.
- Care must be taken to turn off all internal power when servicing the machine.
- Access to service area of this machine should be permitted only to individuals having knowledge and practical experience in controller setup and loading.
- For installation of this machine in Canada machine is required to be secured to prevent possible injury.
- Disconnect Power before removing cover at Power Box cutout on the back of the machine.

LOCKER OPERATION

Location	Suitable for indoor use only. This appliance is not suitable for installation in an area where a water jet could be used.
Sound Level	Produces less than 70 dBA during normal operation.
Recommended Operating Temperature	Between 32° and 100° F (0° and 37.8° Celsius)

MACHINE ANCHORING

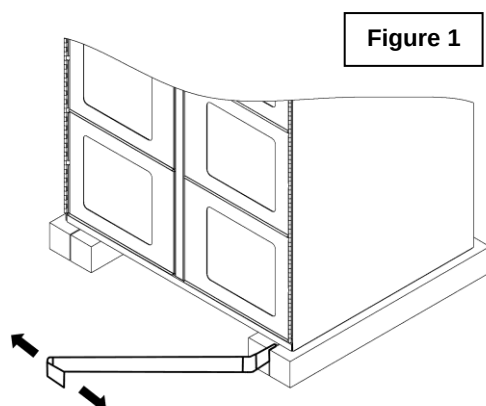
WARNING/ATTENTION

For Installation of this machine in Canada, machine is required to be secured to prevent possible injury.
Pour l'installation de cet équipement au Canada, l'appareil doit être sécurisé pour éviter toute blessure.

ANCHORING GUIDELINES

- Using a leg bolt down kit (part number 1216062.290) to anchor machine to the floor is mandatory only in Canada.
- Anchoring Kits are NOT included with the machines and must be ordered separately. One kit must be ordered per machine.
- Require 4 x 3/8" anchor bolts (NOT included in kit) – selection of the anchor bolts should comply with local codes and that are appropriate for the type of floor to which the machine will be anchored.

UNPACKING AND INSTALLATION



UNWRAP THE LOCKER

Unwrap the machine and remove the packaging material. Check for any signs of damage. If the machine is damaged, contact the carrier immediately. They will instruct you on the procedure for filing a claim. **Do not** contact the manufacturer.

NOTE: If the machine is being stored, remove the plastic stretch wrap, cardboard cover, and packaging. The plastic stretch wrap and any packaging can adhere to the exterior of the machine over an extended period of time, damaging the machine's finish.

REMOVE THE SHIPPING SKIDS

1. Insert a pry bar tool into the groove of the skid board.
2. Force the pry bar tool back and forth causing the skid board to split. (See **Figure 1**)
3. Repeat the two steps above on the front and back of the machine (4 places.)

ACCESS UMBILICAL HARNESS (FROM SATELLITE LOCKERS)

- The umbilical harness assembly connects a satellite locker to a standalone/host locker (or) to a glass front helix machine. It also connects a satellite locker to another satellite locker.
- The umbilical harness is designed to capture the standalone/satellite locker/glass front helix machine internal harnessing to provide motor matrix connections to the next satellite locker.
- An umbilical harness assembly is provided with each satellite locker.

To access an Umbilical Harness (Selection Number Decal & other Accessories):

1. Locate the Latch Release Tool that is wire tied to the power box cover at the back of locker along with the keys. The latch release tool is shown in **Figure 2**.
2. Insert the key into the keyhole that is at the top of the locker center column cover and turn the key clockwise (**Figure 3**).
3. Remove the center column cover.
4. Locate the opening that provides access to the latch mechanism of the upper right locker compartment (**Figure 4**).
5. Insert the latch release tool into this opening with the hook portion facing upward as shown in **Figure 5**. Once the hook portion is inside the opening, tilt the tool downwards until it is horizontal (do NOT rotate) and insert it until tool stops at the tab as shown in **Figure 6**.
6. Rotate the tool clockwise until it hits the latch mechanism lever and opens the locker compartment (**Figure 7**).
7. Remove the umbilical harness (satellite lockers only), and all other contents from the open right compartment for set up.
8. Close the opened locker compartment. Install the center column cover and turn the key counterclockwise to lock the center cover.

Figure 2



Figure 3

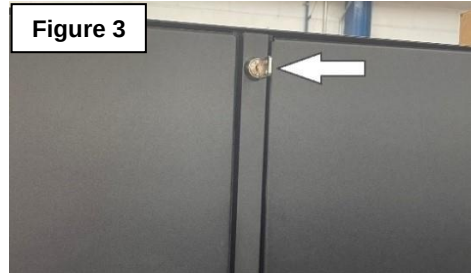


Figure 4

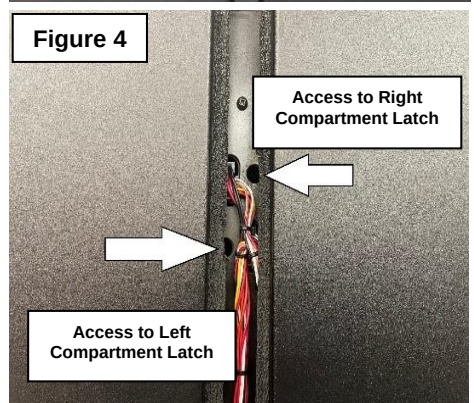


Figure 5

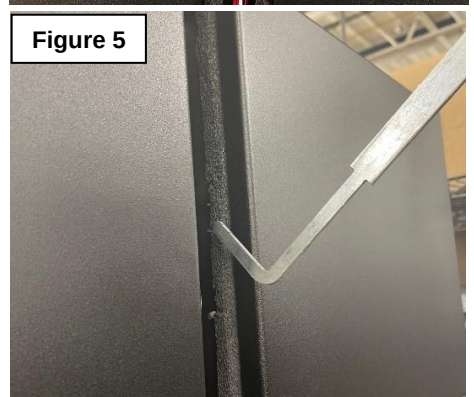


Figure 6

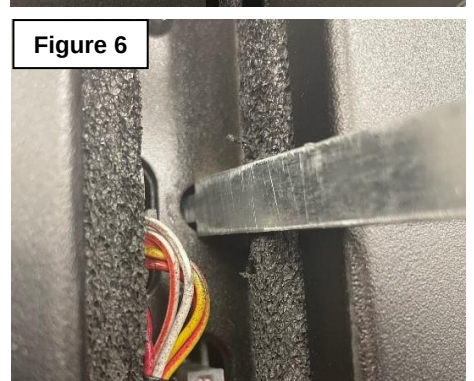


Figure 7



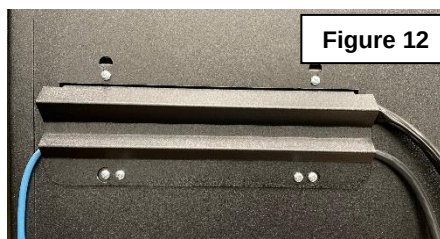
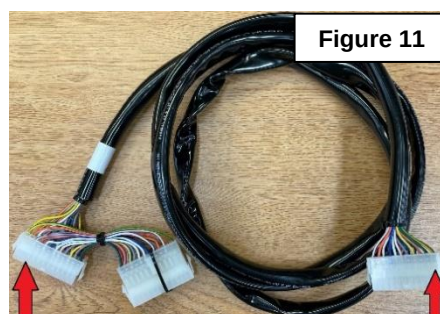
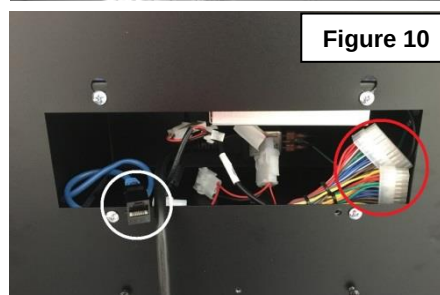
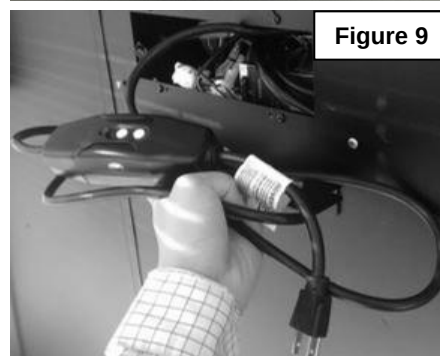
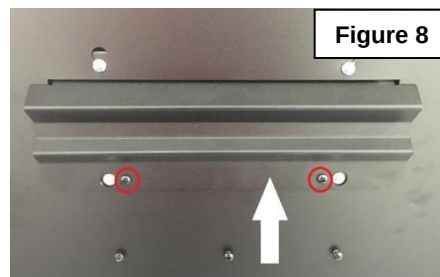
CONNECTING SATELLITE LOCKER TO HOST LOCKER OR SATELLITE TO ADDITIONAL SATELLITE LOCKER

1. Locate the power box cover on the back of the cabinet (**Figure 8**).
2. Remove and retain two screws that hold the power box cover in place.
3. Extend out power cord fully from the power box (**Figure 9**). Repeat steps 1 to 3 for another locker, which is to be connected, as well.
4. Connect umbilical harness with 24-pin female connector end into 24-pin male connector in the power box (**Figure 10 & 11**). Connect 22-pin female connector, on the other end of this umbilical harness, into 22-pin male connector in the power box of next locker.

Note – Standalone/host locker power box will have 2 x 24-pin male connectors, one connector to connect satellite lockers on one side of the standalone/host locker and the other connector for the other side. Out of these 2 x 24-pin male connectors, always start with the connector with less number of wires to keep the locker compartment addresses in sequence. Satellite locker power box will have 1 x 24-pin male and 1 x 22-pin male connectors, 22-pin connector is for receiving the motor matrix from previous locker & 24-pin connector is for transferring the remaining motor matrix to next locker.

5. A female CAT5 jack is provided in power box (**Figure 10**) for connecting ethernet cable to the location network (standalone/host only). Connect the CAT5 cable (not provided) NOTE: You will want to have your IT department provision the Ethernet wall outlet to which you will be connecting your machine before final placement and leveling.
6. Locate the power box cover (from step # 2). Route the CAT5 ethernet cable (standalone/host lockers only) and the power cord through the lower smaller strain relief openings of the cover (route one on each side of the cover), route the umbilical harness through the upper larger strain relief opening of the cover (**Figure 12**).
7. Once all harnesses are in the power box cover strain relief channels, hook the top flange of the cover into the opening and apply pressure to reinstall the cover with the two retaining screws (from step # 2) at the bottom. It is critical the power box cover is installed correctly to provide proper strain relief for the cables.
8. Route the umbilical harness between additional lockers as required.

Note: if the standalone/host locker is to be used by itself without satellite lockers being connected to it, then skip steps related to umbilical harness.

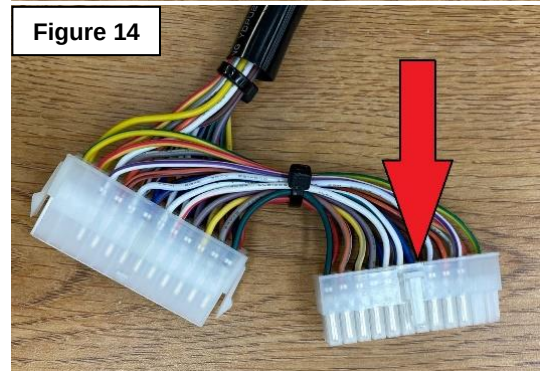
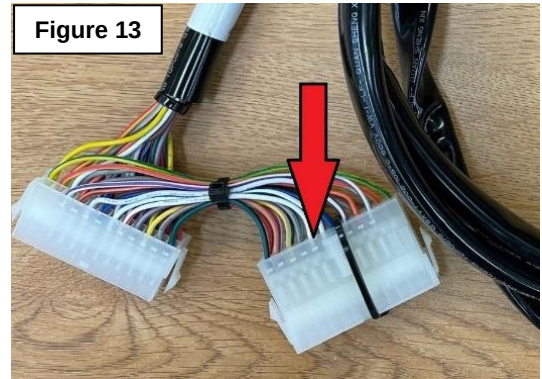


CONNECTING SATELLITE LOCKER TO GLASS FRONT HELIX DISPENSER

1. Locate the umbilical harness (**Figure 11**). One end of this umbilical harness has 24-pin blank female connector snapped & wire tied onto 24-pin male connector (**Figure 13**). Cut the wire tie, discard the blank 24-pin female connector which leaves 1 x 24-pin female and 1 x 24-pin male connectors (**Figure 14**).
2. Connect the 24-pin male connector into mating 24-pin female connector in the connection box at the back of the glass front helix machine.
3. Locate the power box cover on the back of the satellite locker (**Figure 8**).
4. Remove and retain two screws that hold the power box cover in place.
5. Extend out power cord fully from the power box. (**Figure 9**)
6. Connect 22-pin female connector, on the other end of the umbilical harness, into 22-pin male connector in power box of the satellite locker.

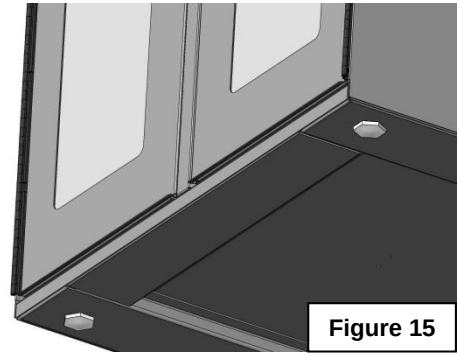
Note: Satellite locker power box will have 1 x 24-pin male and 1 x 22-pin male connectors, 22-pin connector is for receiving the motor matrix from glass front helix machine or from previous locker & 24-pin connector is for transferring the remaining motor matrix to next locker. Please follow steps in above “connecting locker to locker” section for connecting additional satellite lockers.

7. Locate the power box cover (from step # 4). Route the power cord through the lower smaller strain relief opening of the cover, route the umbilical harness through the upper larger strain relief opening of the cover (**Figure 12**).
8. Once all harnesses are in the power box cover strain relief channels, hook the top flange of the cover into the opening and apply pressure to reinstall the cover with the two retaining screws (from step # 4) at the bottom. It is critical the power box cover is installed correctly to provide proper strain relief for the cables.



LEVELING THE MACHINE

- Once the machine(s) is(are) in final location, be sure to level the machine left to right and front to back.
- This machine must be level for proper operation and cabinet-to-door alignment.
- Adjustable leg levelers are provided at each corner for leveling the machine (**Figure 15**). Leveler head is 1-3/8" wrench size.



FINAL PLACEMENT

1. Place machines close to final location allowing for access to the machine backs.
2. Place machines in such a way that the power cord easily reaches the power outlet or receptacle.
3. Make sure to have Ethernet wall outlet close to the final location.
4. Make any final connections between machine's power box assemblies as described earlier.
5. Be sure machines are level and adjusted to correct height.

POWERING UP

Position the machines in such a way that the power cord easily reaches the power outlet or receptacle (**DO NOT USE AN EXTENSION CORD**)

Before connecting the machine, the integrity of the main electrical supply must be checked for correct polarity, presence of ground (earth) and correct voltage. These checks should be repeated at six-month intervals with the routine safety electrical testing of the machine itself.

If the receptacle is not properly grounded or polarized, contact a licensed electrician to correctly polarize and/or ground the receptacle to ensure safe operation.

For proper operation of any equipment utilizing electronically controlled components, the equipment should be placed on an isolated, or dedicated, noise-free circuit properly polarized and grounded.

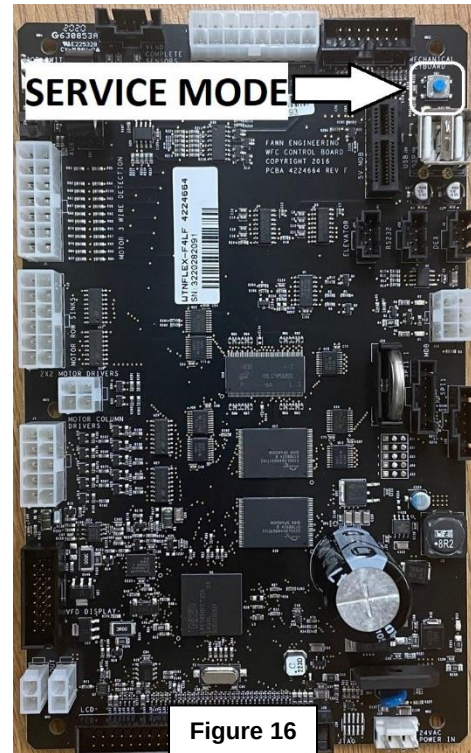
1. Attach any satellite lockers to standalone lockers / satellite lockers to satellite lockers / satellite lockers to glass front helix machines (if available, as required) as described in above sections.
2. Plug the Ethernet cable from the standalone locker to Ethernet wall outlet.
3. Plug the power cords of the machines into wall outlets.
4. The display on the front of the controller door & LED lights on all the lockers should illuminate.

PROVISIONING OF EQUIPMENT (STANDALONE LOCKER)

Call 515-271-8510 to speak with an associate to correctly provision your equipment.

SERVICE MODE (STANDALONE LOCKER)

- Unlock and open the controller door with the supplied key to get access to the control board.
- Service mode button is located on the control board as shown (**Figure 16**).
- The service mode is used to access the programming features of the controller.
- Press the button to access the service mode programming features. Press the button again to exit and return to Sales Mode. If no key is pressed within 60 seconds while in service mode, the controller automatically exits to the sales mode.



NOTES:

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