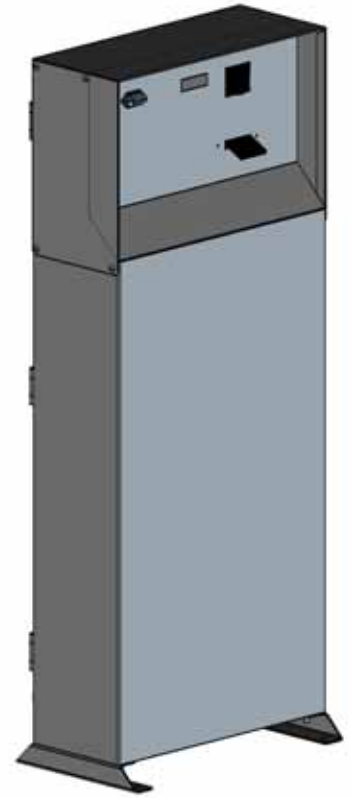
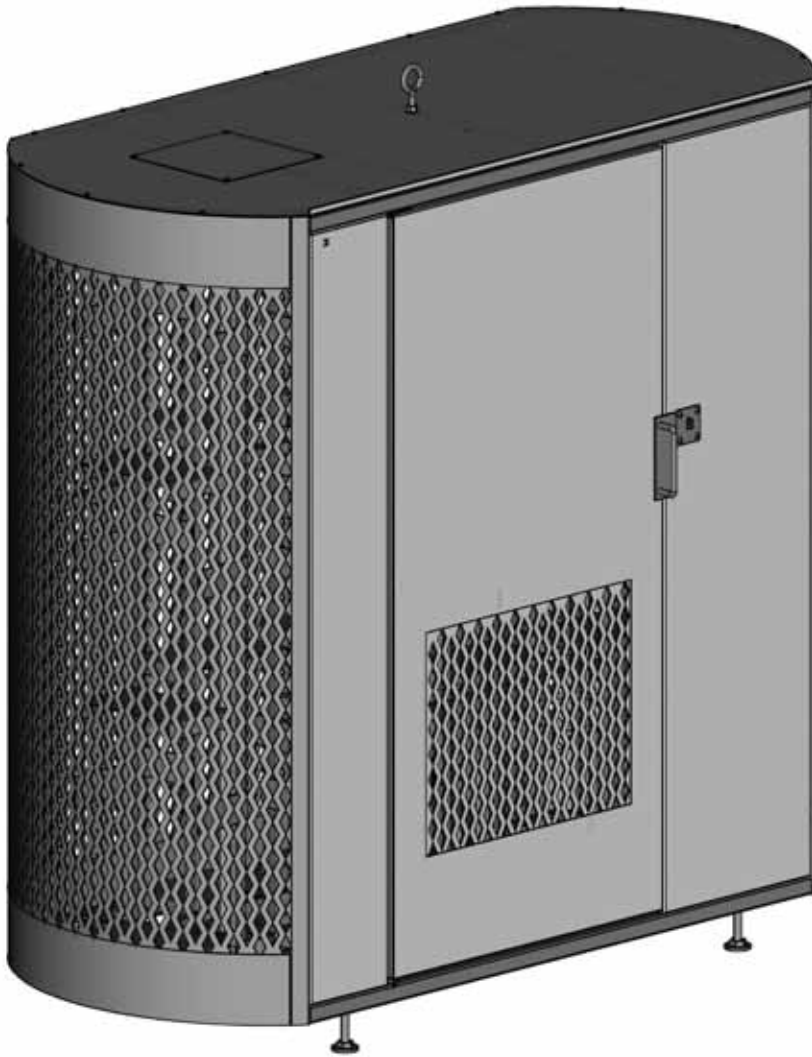


PVS 24 KIOSK

Component Manual

PVS24 Kiosk-Components-Aug2014



PSV installation check list

Propane Dispenser 24 tank capacity install check list

1. Inspected PSV for any shipping damage. (record in comments)
2. PSV is placed on a flat and solid surface and carefully leveled.
3. Unit must not be closer than 5 feet to an electrical out let
4. Unit must be a minimum of 12"-18" from the nearest wall (for service accessibility)
5. Checked that all carriers are on the guide tracks.
6. Door operates correctly (ran PSV one full revolution)
7. Opened both doors and rotated unit with hand crank.
8. All guards and covers are installed
9. Sign is properly mounted
10. All safety labels are visible
11. PSV has been cleaned and touch-up paint used where required
12. Tested unit with a token to ensure it is operational.
13. Unit is fully loaded with propane.
14. All doors are locked and secure.
15. Left a key with the store manager so he can remove tokens.

NOTE: PSV must be leveled otherwise it will not operate correctly. Make sure lines at door handle align

Training

1. Demonstrated how to remove a tank
2. Demonstrated how to remove tokens.
3. Explained basic trouble shooting to store manager.
Comments: (please write down any problems or anything unusual about install:

Date:

(Signature Installer)

Date:

(Customer Signature)

Fax the completed copy to Vidor Machine 1-204-364-2454 Attention: Service Manager

PVS Installation

Step 1 Unload machine placing the kiosk in front of the power outlets, 24" from the wall at the base of the kiosk. This will allow the door of the kiosk to open and provide access for additional hook-ups inside the kiosk. Level and anchor the kiosk in place using 1/2" anchor bolts.

Step 2 Place cage 5' to the left or right of the kiosk and 2"-4" (Fig. 1) from the wall. Anchor the conduit which houses the door and tank detector cables up against the wall taking care that the conduit is not bent or creased at any sharp angle. Anchor conduit in place using the 1/4"x 1 1/4" Tapcons and clamps provided. The clamp

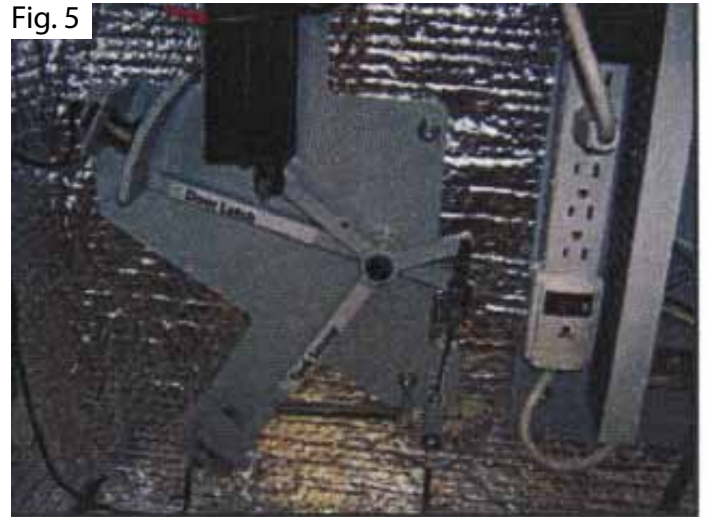
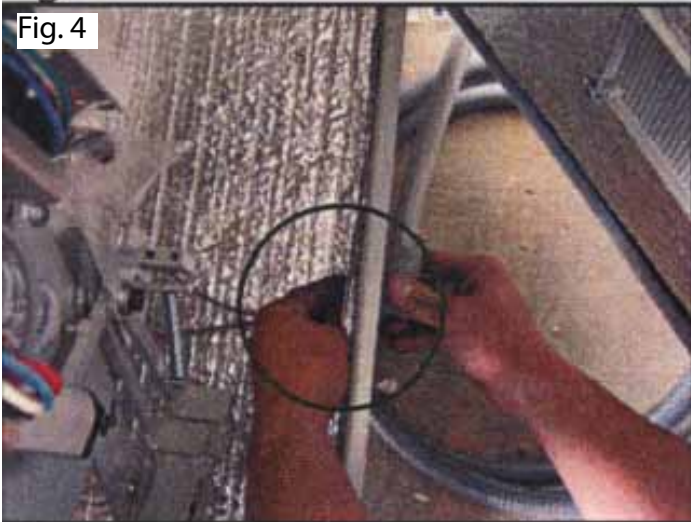
and anchor should be placed every 12". Once in place, level the unit using a level then adjust the leveling feet (Fig. 2) so the front door is aligned to the marks indicated (Fig. 3) on the front under the door handle.



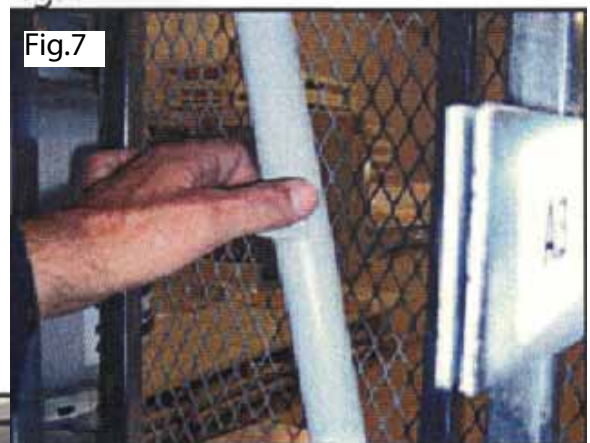
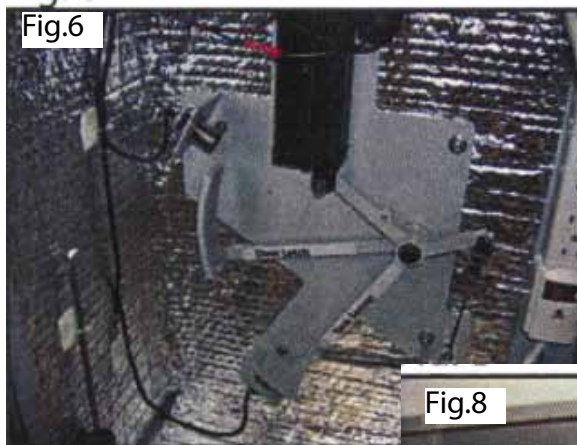
Fig. 3



Step 3 Proceed to the kiosk and open the door to run the cables (Fig.4) into the kiosk (hole on the left hand side when standing facing the back of the kiosk). Be sure the seal (Fig. 4-circled) is on the inside of the kiosk and is tightened. Next connect them to the sensors (Fig. 5) connecting the marked cables to the proper actuator. Connect the kiosk to the Cat 5 conduit through the far right hole at the the bottom of the kiosk.



Step 4 Open cage door by pushing the door sensor lever down manually, (fig. 6) Proceed to the open cage door and unlock the secondary door to access the sensor bar in the middle of the machine. Manually move the sensor bar back and forth about 6-10 times to set the cable properly in the conduit, (fig. 7) Cut the zip tie securing the ratcheting handle, (fig. 8) Adjust the door sensor in the kiosk when the door is open. The door sensor lever should be in the position shown in Fig. 6 and when the cage door is closed the tank sensor lever and door sensor lever should be in the position shown in fig 5.



Step 5 Load the Vidir Cage with propane tanks from another propane cage already on location using the ratcheting handle. NOTE: Handle should be pulled out fully before it is pushed in to cycle the carriers.

Step 6 Close the secondary and main door and return to the kiosk to push down the door latch actuator to open the main door. Open door fully, pull tank away from sensor then close the door leaving 1/2" space (fig. 9) to test the sensor ensuring it is in the proper spot, (fig. 10) The door will push the tank against the sensor arm. The tank sensor actuator will be as seen in fig. 10. Proceed to the door and push closed (fig. 11). Return to the kiosk to check tank sensor position, (fig. 12) Repeat this step 6 times or 2 times per all three levels. Make adjustments as required.

Note: If the power, cat 5 cable and computer are available make these hook-ups first (see page 8) and then use FILL CARD for cycling the machine and making the sensor adjustments and proceed to step 9.



Fig. 11

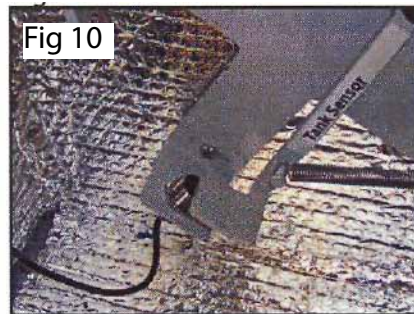
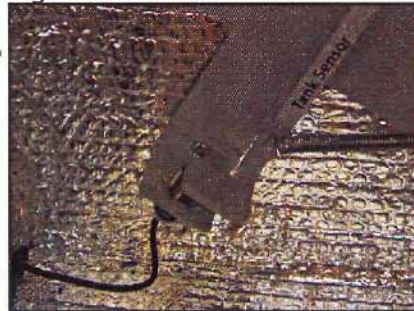


Fig. 12



Step 7 Once cage has been loaded cycle the machine by pushing down on the door sensor actuator, open the cage door, close door.

Step 8 Get the computer and set it in the kiosk. Attach the cables. (See LPKiosk PC Setup page 8 and complete before proceeding to next step)

Step 9 Install the printer paper in the printer.

4.2 Loading of Paper: Please only use paper of the recommended quality. Thermal paper with other specifications or poorer quality may reduce the service life of the thermal print head considerably and will invalidate the printer's warranty.



1. Pull the protective sheathing from the paper roll and cut the paper end at right angles to the direction of feed as far as possible. Truncated, lacerated or folded paper edges can produce a paper jam during automatic Insertion. Also perforations of the paper web or rounded edges are not acceptable.
2. Lay the paper roll into the paper tray as show in the illustration. The thermal sensitive paper surface must be situated outside or on top.
3. Insert the paper into the printer mechanism. As soon as the sensor in the paper guide detects paper, the controller starts the automatic paper insertion.
4. Cut off the paper appearing in the eject chute by pulling it straight out.

Step 10 Once the display shows the pricing, insert "Fill Card" to test that the unit is operating. The display will show the system as "Out of Service" and the cage door will open. Open door fully, ensure the secondary door is locked and close main properly.

Step 11 Clean up area around machine of any debris.

Step 12 Call the managers and demonstrate the operation of the machine. Ensure the Quality Installation form is signed and return it to Vidir Machine Inc.

Once completed, make sure the Kiosk padlock, emergency access panel lock, and secondary door lock are all secured. Give the lock keys and fill cards to the manager and have them sign the delivery acceptance form. (Note: All locks are keyed the same.)

Items to check if unit is not printing:

1. Ensure printer is not out of paper.
2. Make sure thermal paper is being used. Regular cash register paper will not print.
3. The correct side of the paper must be up. See instructions
4. Re-boot the computer to clear jammed up print jobs.
5. To remove paper jams pull out the 2 blue plugs and lift out the printer. This will give access to the paper jam.
6. To remove paper turn the gold colored wheel at the top of the printer.
7. To feed the paper into the printer just insert the paper into the slot on the backside of the printer.

Kiosk PC Setup



These instructions are for setting up and installing a Dell GX260 PC in the LPKiosk. The LPKiosk has multiple cords that connect to the PC. There are two Power strips in the LPKiosk to get the power for everything. The LPKiosk's PC only has five cables that need to be hooked up. These cables are: PC power cord, card reader USB, receipt printer USB, network, and one PLC (Programmable Logic Controller). These cables can be hooked up in any order but all have a specific spot to hook to on the PC. The order of these instructions is from the bottom of the PC to the top of the PC while standing on its side. The PC's power cord connection, while on its side, is on the lower end (See Figure 1).

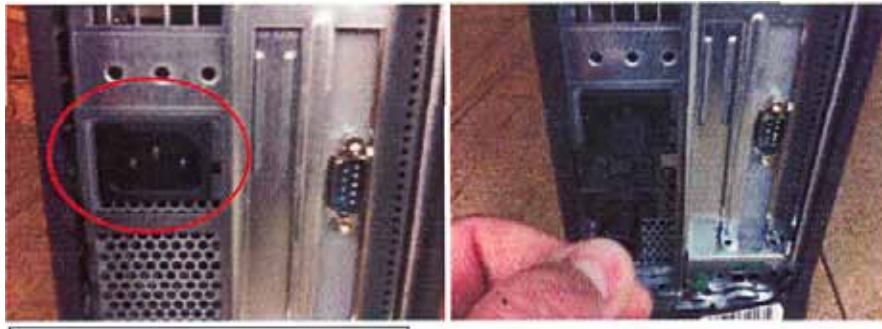


Figure 1. Power cord plug-in on PC.

Figure 2. Installing Power Cord on PC.

Insert the power cord into the appropriate plug-in on the PC (See Figure 2).

*** Important: You MUST wait to plug the power cord into the power strip until all of the connections are installed.

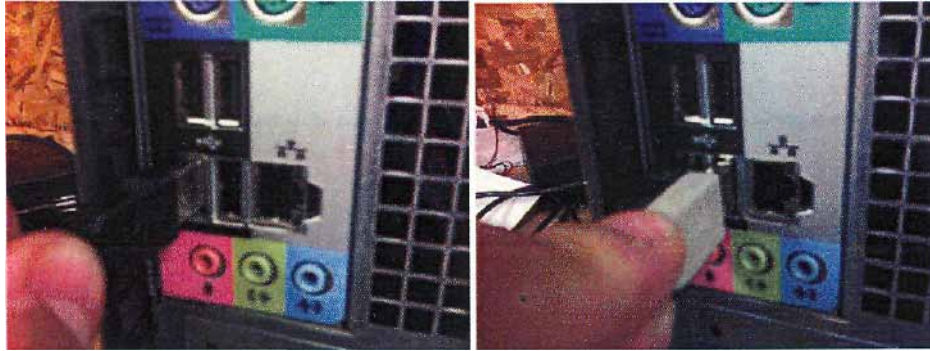


Figure 3. Plug-ins for printer USB, card reader USB and network cable port

Figure 4. Zoomed in view of Figure 3.

The USB cables for the receipt printer and the card reader have to be inserted in this order or the LPKiosk will not work properly. In Figure 4, there are two USB plug-ins displayed and a network cable plug-in. The left-most USB plug-in must have the receipt printer connection inserted. The USB connection can only be inserted one way and should not be forced. There is a small USB symbol printed on the cord. That symbol should be facing the right (See Figure 5).

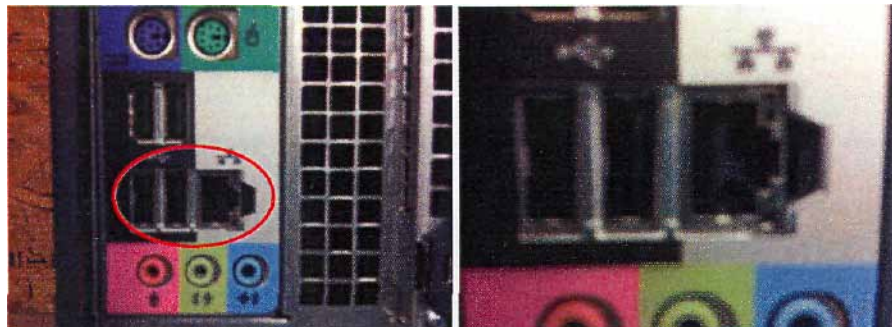


Figure 5. Installing receipt printer USB cable.

Figure 6. Installing card reader USB cable.

Next, you must install the card reader cable. This will be installed the same way as the receipt printer USB cable. The card reader USB cable will go in the second plug-in, just one to the right of the first (See Figure 6).

***Note. These cables may not be the same color as displayed.



Figure 7. Installing Network Cable

Figure 8. Proper installation of USB and Network connections

Next, connect the Network cable. This cable looks like a telephone jack with a tab. The tab goes to the right as seen in Figure 7. The installation of the two (2) USB and one (1) Network cables will look like Figure 8.



Figure 9. PLC plug-in



Figure 10. Zoomed in view of display plug-in

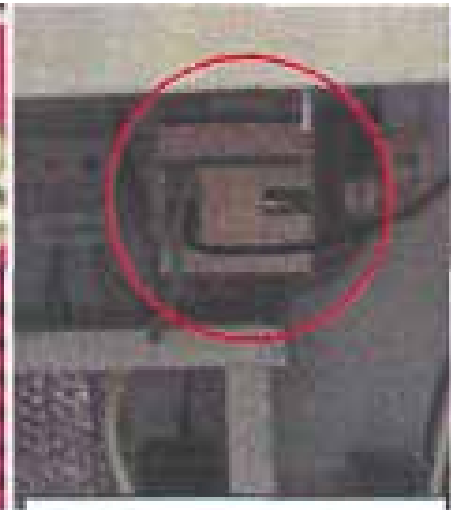


Figure 11. PLC

The final connection on the LPKiosk PC will be the PLC, Programmable Logic Controller (See Figure 11). This connection can only go one way. As displayed in Figure 10, one side is slightly shorter than the other. Insert this cable into the PLC plug-in (See Figure 12). Once you have this cable connected in to the PLC plug-in (See Figure 13), installation of all cables on the back of the LPKiosk PC is complete.

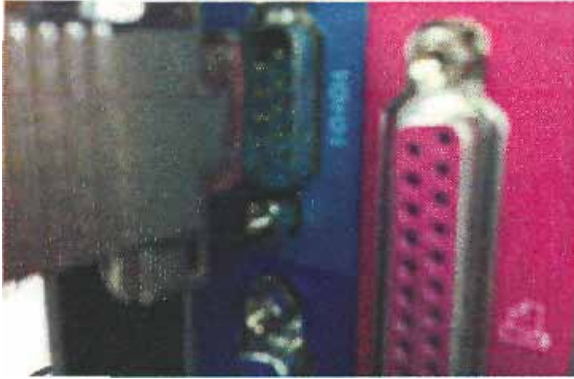


Figure 12 Connecting the PLC cable

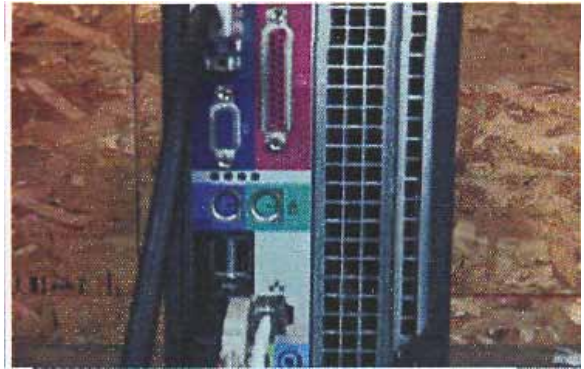


Figure 13 End product of PLC connection

Next, plug the PCs' power cord into the power strip inside the LPKiosk (See Figure 14). Then make sure that the LPKiosk's power cord is plugged into an outlet. Once you have verified that all of the power cords are plugged in. Turn on the power strip that is inside the LPKiosk (See Figure 15).



Figure 14. Power strip inside the LPKiosk



Figure 15 Power button on power strip.



Figure 16. Power button on the front of the LPKiosk PC.



Figure 17. LPKiosk PC properly turned on (light is green).



Figure 18. Front Kiosk display with price

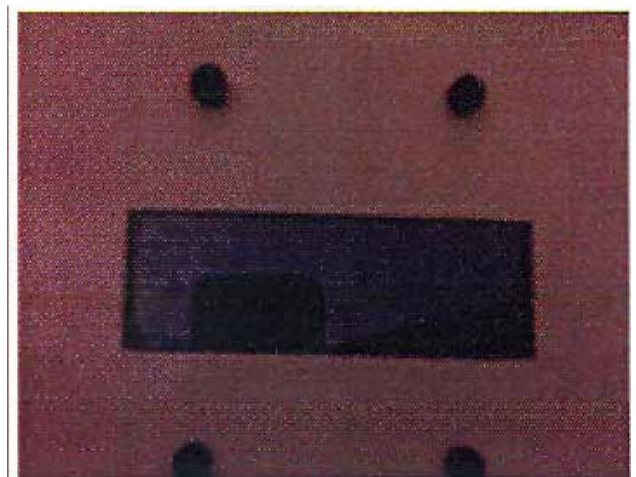


Figure 19 Front Kiosk without price

Now, turn on the PC on by pushing the power button on the front of the LPKiosk PC (See Figure 16). If power on is successful, you'll see a green light on the front of the LPKiosk PC (See Figure 17). The PC will now boot up. The boot up process is much different from other PC's in the store because there is no monitor connected to this. So, please wait a few minutes. Once successful, the Front Kiosk display will display prices (See Figure 18). If there are no prices displayed (See Figure 19), contact the help desk for further instructions

PROPANE KIOSK AND CAGE PM CHECK LIST

1. Lubricated both carrier chains
2. Lubricated forwarding handle and checked operation
3. Lubricated cables.
4. Lubricated door latch.
5. Lubricated the door hinges on Kiosk and Cage door.
6. Door operates correctly (adjust tie rod as needed)
7. Aligned door latch and door. (see mark at the door) {door latch must not fall shut when the door is nosed against it, if it does then the door is to low}
8. Adjusted door latch lever level. 1" of travel till it hits the actuator.
9. Adjusted tank sensor cable (tested 3 tanks)
10. Tested unit with "fill card" ensure it is operational. (instructed store to re-fill)
11. All doors are locked and secure.

Training

- a. Trained front end manager and explained how the unit works.
- b. Fill card re-sets computer to 24 sales. (re-fill cage once swiped)
- c. 2 minutes max to do an exchange transaction (or full price charged)
- d. Must pull door firmly to open and close door completely
- e. Paper must be installed with the correct side up. (will print other wise)
- f. Re-boot unit if not printing receipts or not reading credit cards.
- g. Demonstrated how to remove a tank
- h. Lubricate top and bottom chains, cables, door latch and hinges 2 times per year
- i. Explained basic trouble shooting to store manager.

Comments: (please write down any problems, parts or anything unusual about repair: on reverse side

Date:

(Signature Technician)

FOR TECH SUPPORT CALL 1-866-821-2647

Fax the completed copy to Vidor Machine 1-204-886-8398 Attention: Service Manager

Symptoms/problems	Remedy
Kiosk charges full price on exchange tank	<ol style="list-style-type: none"> 1. Check tank sensor adjustment. (See p 17) 2. Customer transaction takes to long. (2 min max) 3. Ensure tank lever in cage moves freely 4. Lubricate sensor cable (See p 17)
Kiosk does not process a credit card	<ol style="list-style-type: none"> 001. Ensure unit is displaying the prices 002. Re-boot Kiosk 003. Check credit card Type. 004. Check with fill card 005. Contact the help desk
Kiosk display shows “empty”	<ol style="list-style-type: none"> 1. Re-fill cage 2. Swipe fill card 3. Re-boot the Kiosk
Kiosk screen is blank	<ol style="list-style-type: none"> 1. Re-boot the Kiosk 2. Swipe the fill card and re-boot the Kiosk 3. Check connections on display wires
Kiosk is selling empty tanks	Re-fill cage with full tanks
Kiosk night light off	<ol style="list-style-type: none"> 1. Replace light bulb 2. Check connections on light bulb
Printer will not feed paper	<p>268435456. Re-boot the unit</p> <p>268435457. Remove paper jam</p> <p>268435458. Re-cut paper end square and reinsert</p>
Printer feeds paper but will not print	<ol style="list-style-type: none"> 1. Install paper correct side up (see label on printer) 2. Install thermal paper (regular paper will not work) 3. Re-boot the Kiosk

v

LP CAGE

Cage door latch falls shut before door is shut	<ol style="list-style-type: none"> 1. Adjust the door latch (is to high) 2. Adjust the door latch lever. (1" from actuator) 3. Lubricate door latch locking lever.
Cage door sounds like the door will open but does not	<ol style="list-style-type: none"> 1. Adjust door latch lever 2. Check to ensure that the actuator pin has not fallen out.
Door is jammed open half way and carriers are jammed	<ol style="list-style-type: none"> 1. Release anti-theft device (allows the door to open) 2. Remove jammed tank
Carriers are hard to operate	<ol style="list-style-type: none"> 1. Lubricate carrier chains top and bottom 2. Checked for bent carrier "fins" 3. Check for a jammed tank.
Door opens a little bit but not able to open fully	<ol style="list-style-type: none"> 1. Checked for a jammed tank 2. Lubricate the carrier chains 3. Close the door all the way and try again. 4. Shorten the door tie rod ¼ turn
Door all the way open and will not close	<ol style="list-style-type: none"> 1. Lengthen the door tie rod ¼ turn
Door part way open but will not open further	<ol style="list-style-type: none"> 1. Checked for jammed up tank 2. Lubricate carrier chains
Door will not close completely	<ol style="list-style-type: none"> 1. Check if door latch is closed (do NOT touch) 2. Swipe fill card and immediately close door (re-fill cage)
Door will open and close with out latching	<ol style="list-style-type: none"> 1. Check that actuator is not stuck down 2. Adjust door tie rod. 3. Lubricate door latch 4. Lubricate door latch cables

v

Trouble Shooting Kiosk Propane Vending Machine

1. What to check for if the door will not open.
 - Ensure that the door is completely closed; if not swipe fill card and immediately close the door.
 - Adjust door latch (See p 17)
 - Check if the pin in actuator arm. (See p 15 “cable push rod”) If this is missing the arm will go down but the door latch lever will not move.

2. What to do if the door unlatches but will not open all the way.
 - Check to ensure that nothing is jammed in the machine.
 - Pull hard on the door handle sometimes machine may stick a little.
 - Lubricate the chains.
 - Lubricate the door latch cable
 - Adjust door latch lever (See p 17)

3. What to do if the door will not close
 - Open the door all the way and then try to close it. Note: the door will not close until it has been opened all the way.
 - Check to ensure the door latch is not tripped shut.
 - Adjust door tie rod to lengthen it a ¼ turn.

4. Door will not unlatch
 - Ensure that the mark beside the door handle aligns with the bottom edge of the door handle plate. To correct adjust the feet on the cage.
 - Lubricate the door latch with WD40.
 - Adjust the door latch lever (See p 17)

5. Carriers will not rotate with forwarding handle
 - Adjust the door latch lever (See p 17)
 - Ensure that the carrier locking device has released. Note: this locking device is located at the top left side of the inside door, when this door is opened it allows carriers to free wheel.
 - Move carriers by hand.
 - Check to ensure the forwarding handle is engaging the sprocket

Trouble Shooting Kiosk Propane Vending Machine cont.

6. Power outage reset
 - Open the door on back of the Kiosk and press reset button on the surge protector.
 - Now power up the computer by pressing the on button.
 - Cycle the power and re-boot the computer.
 - Check wiring connections inside the Kiosk
 - Check to ensure that the outlet the Kiosk is plugged into has power.

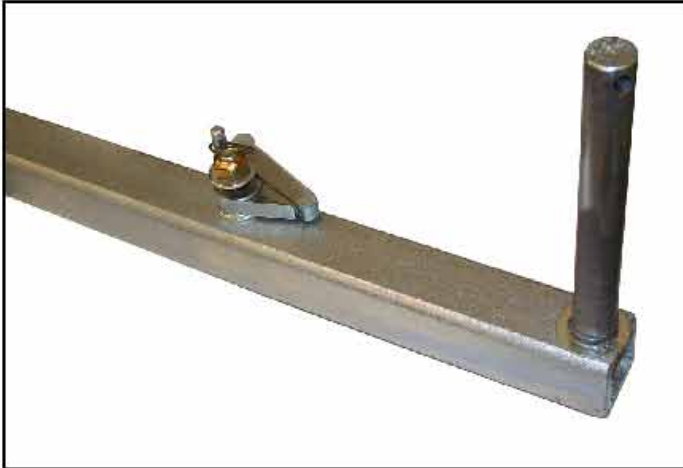
7. To remove paper jam from printer.
 - Pull 2 blue plugs under the printer and lift the printer out of the socket.
 - Carefully remove jammed paper being careful not to cut yourself.
 - Rotate gold colored gear to back out the paper
 - Cut a straight edge on the paper and re-insert into the printer.

8. The card reader will not respond to card swipes
 - Re-boot the Kiosk and try again
 - Check wiring connections in the back of the Kiosk (See p33)
 - Ensure the net working cord is plugged in and the green light is on.
 - Check to ensure the PC is running.

9. No power to the PC or the PLC
 - Ensure the surge protector is not turned off.
 - Ensure building out let has power
 - Ensure the PC is turned on.

10. How to remove a jammed tank from the cage.
 - Remove access cover from the top left of the top of the cage.
 - Locate the one way door latch. See p.26 “one way finger”
 - Using a screw driver un-jam it from the teeth (see p.21 “ratchet”)
 - Open the door and remove jammed tank.

Retrofit for Forwarding Handle (rev 2)



1. Remove handle from package.



2. Remove snap ring from the top of the handle assembly in the cage.



3. Place washer on handle.



4. Spin the triangle on the handle until it stops.



5. Place sprocket on the handle first ensuring it is holding the triangle in place.



6. Place the washer on second.



7. Place the spacer on shaft.



8. Rotate the carrier by hand and align the link with the carrier mounting bolt against blue rear pad.



9. Take the sprocket and handle assembly and align the three cogs on the sprocket with the chain link and carrier bolt.



10. Put the handle assembly back into place ensuring the triangle is pushed back into it's full position.



11. Install roll pin 3/16 x 3/4"



12. Using forwarding handle, rotate unit 1 full revolution.

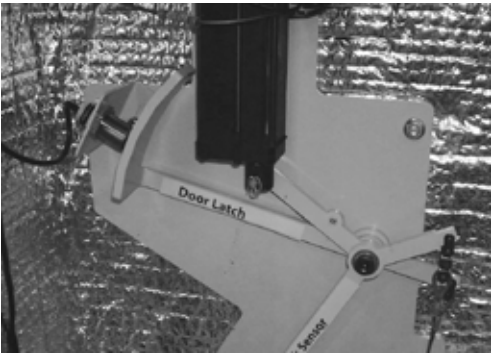


Fig. 17-A - Door Closed



Fig. 17-B - Door Open

Fig. 17-C - Exchange Tank Present

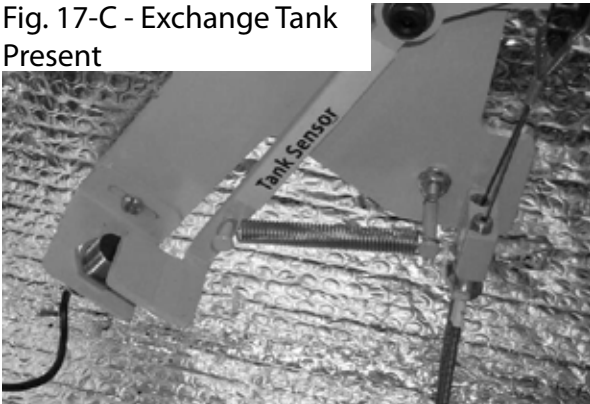


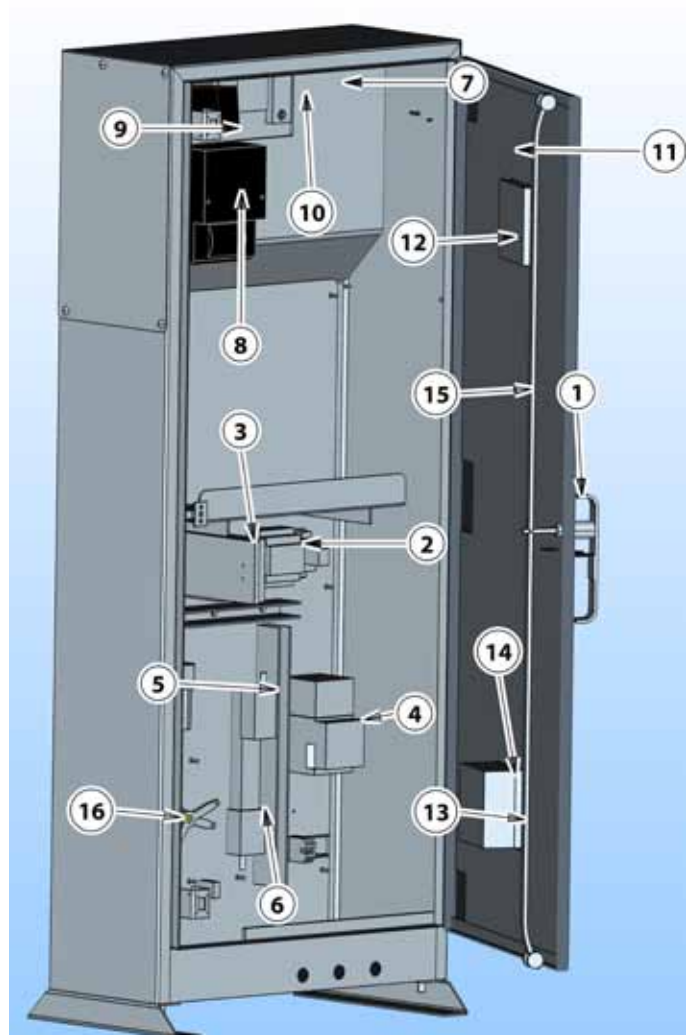
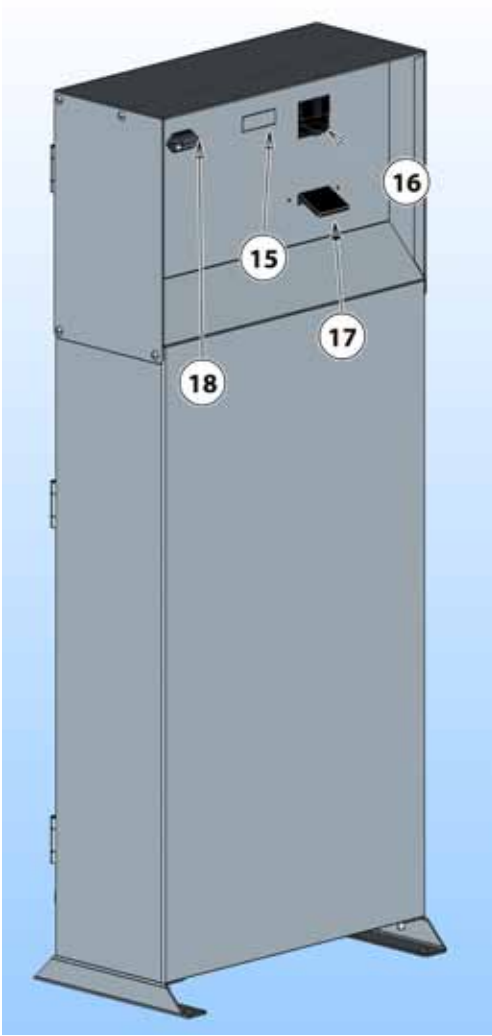
Fig. 17-D - Turn Bolt to Adjust



Fig. 17-E - No Tank Present

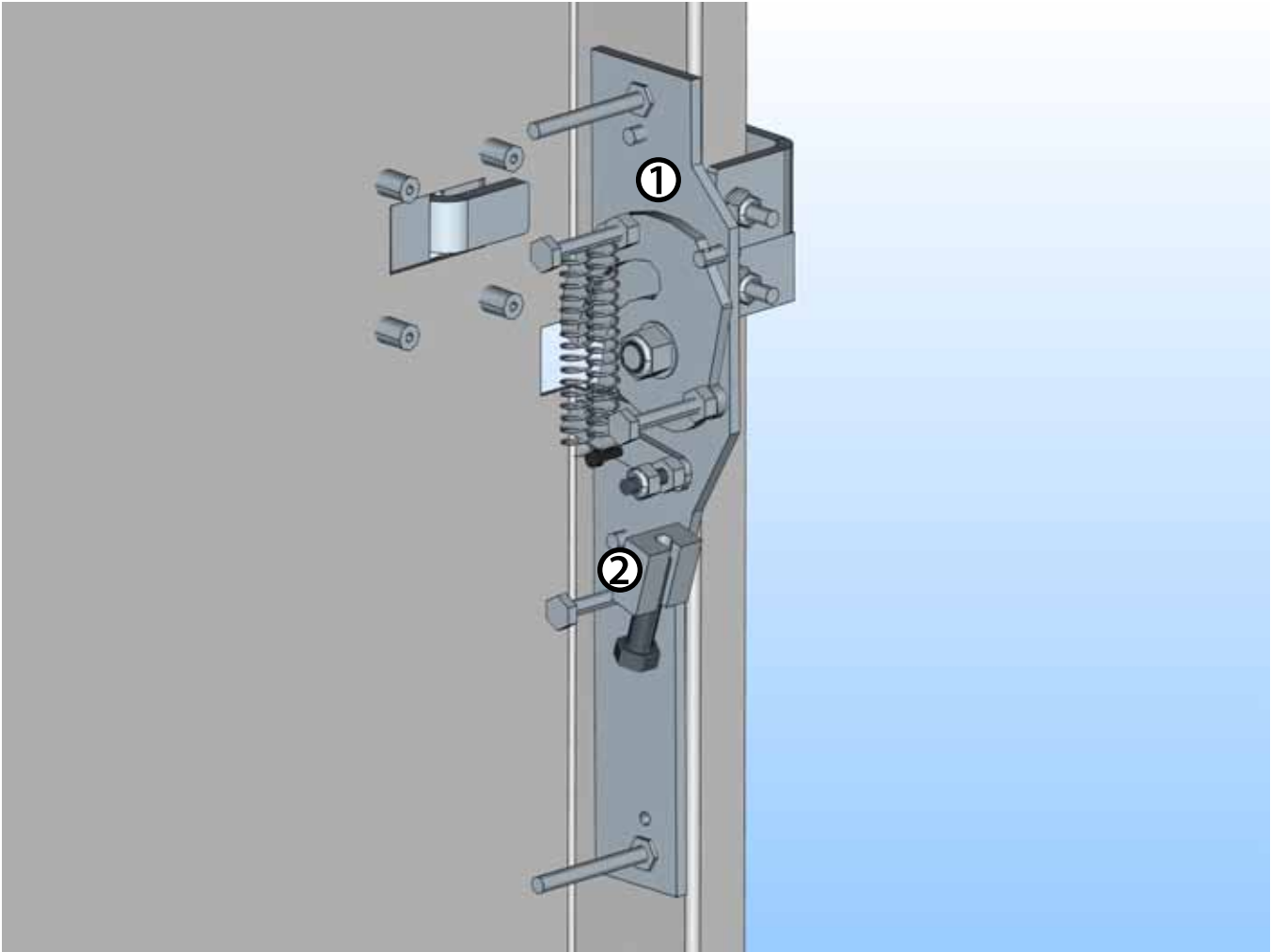


COMPONENTS



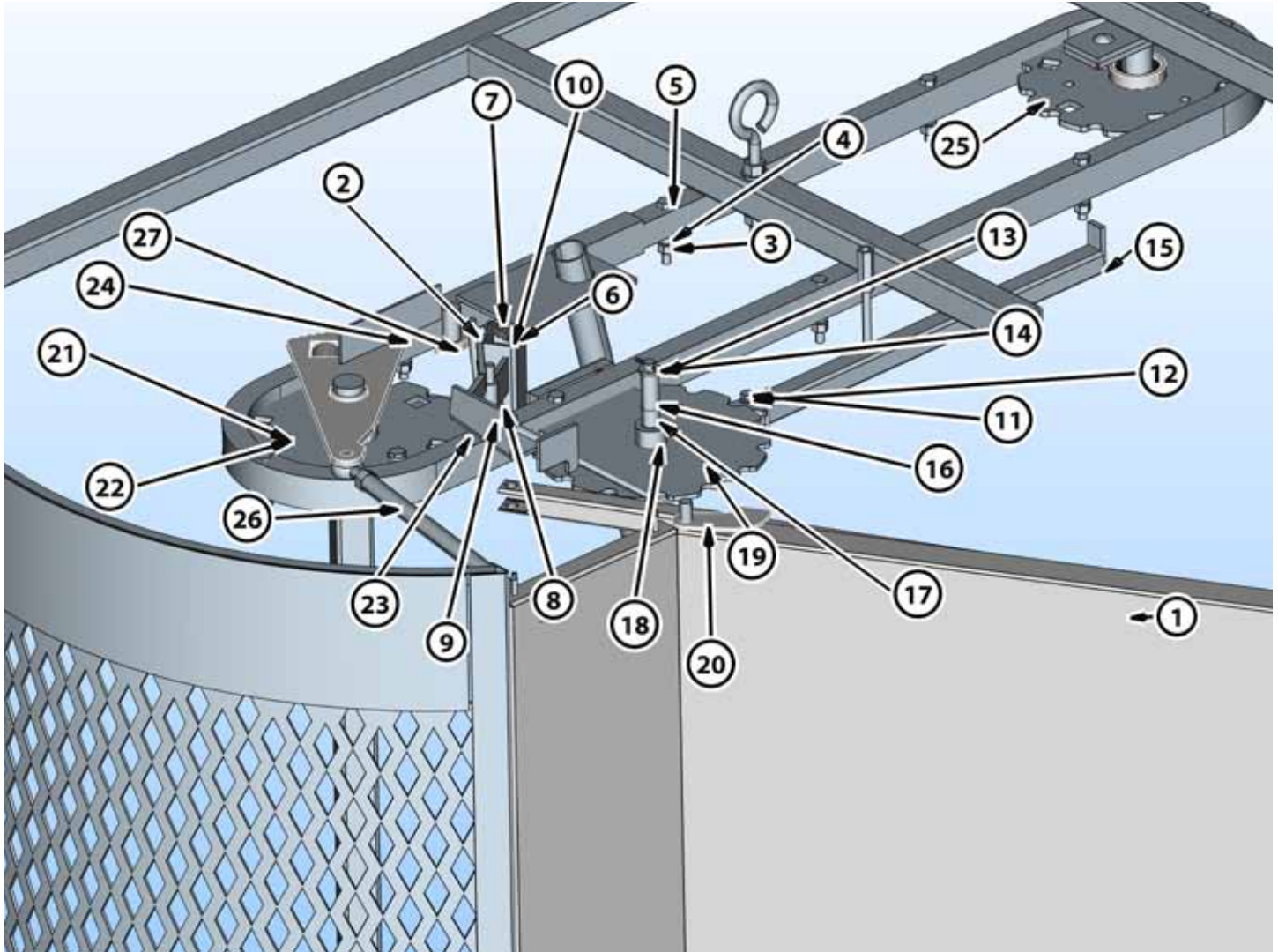
Item.....	Description.....	Part #
1	Kiosk_door_handl %1.....	404-0030
2	24 Vdc power supply 1.2 Tele abl7rm.....	406-0016
3	Enclosure thermostat.....	406-0051
4	Heater fgc2000.....	406-0050
5	Power supply 5v 2amp.....	406-0049
6	Power bar 6 outlet surge	406-0054
7	Light enclosure 12vdc	410-0139
8	Printer hecon c-56 serial	412-0003
9	Matsushita_card_reader.....	412-0001
10.....	Display noritake with cable (vfd)	402-0085
11	PVS kiosk door	2-53263
12.....	Kiosk_air_exchange_vent.....	406-0053
13.....	Air exchange cover
14.....	Kiosk_air_exchange_fan.....	406-0052
15.....	Kiosk door latch rod	2-53858
16.....	PVS lock tool.....	2-53639

COMPONENTS



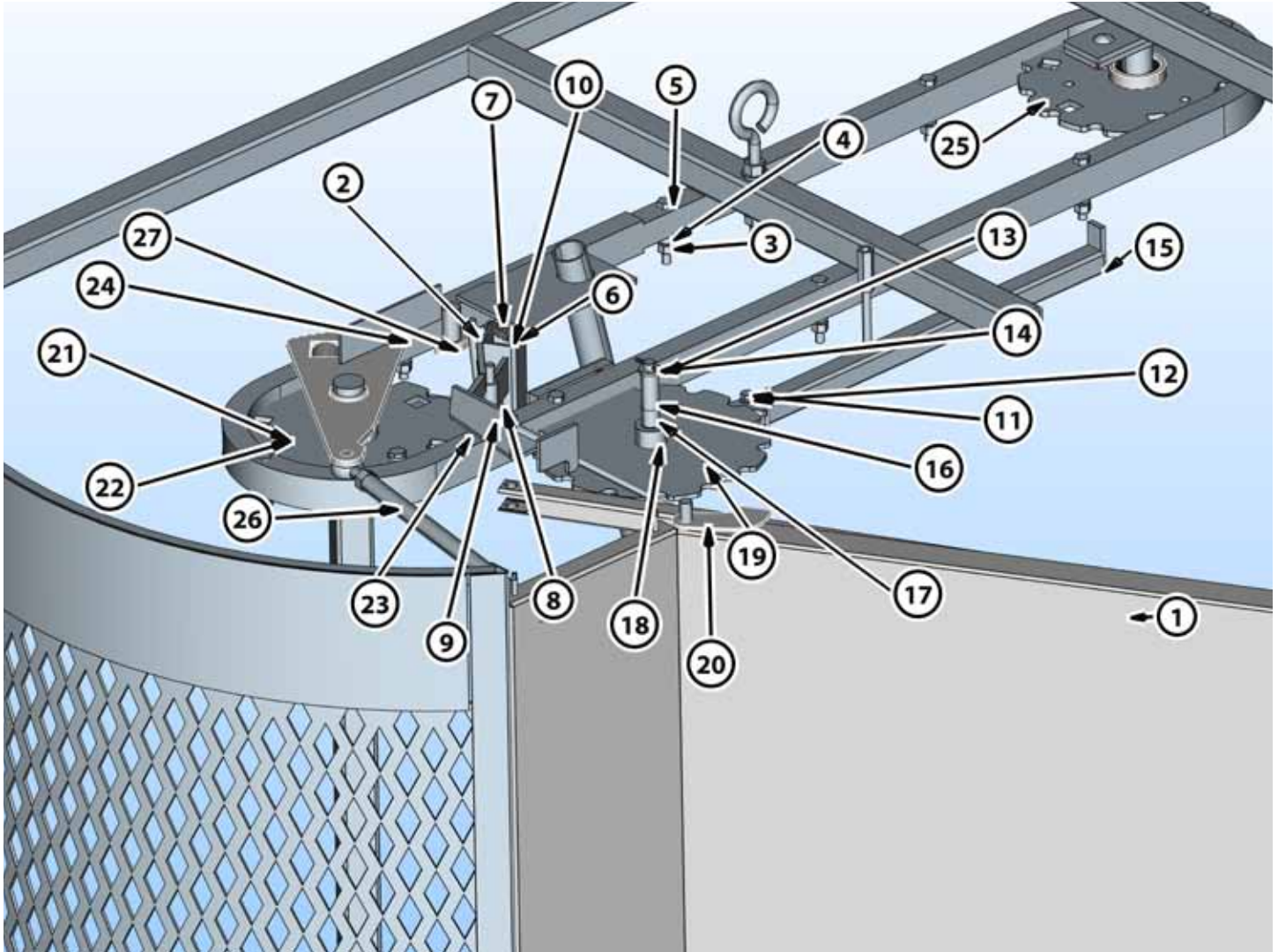
Item.....	description	part #
1	PVS 24 tank door latch asmb 3/8.....	2-53527
2	PVS 2 latch asmb kiosk 5/16 cable.. ..	2-61396

COMPONENTS



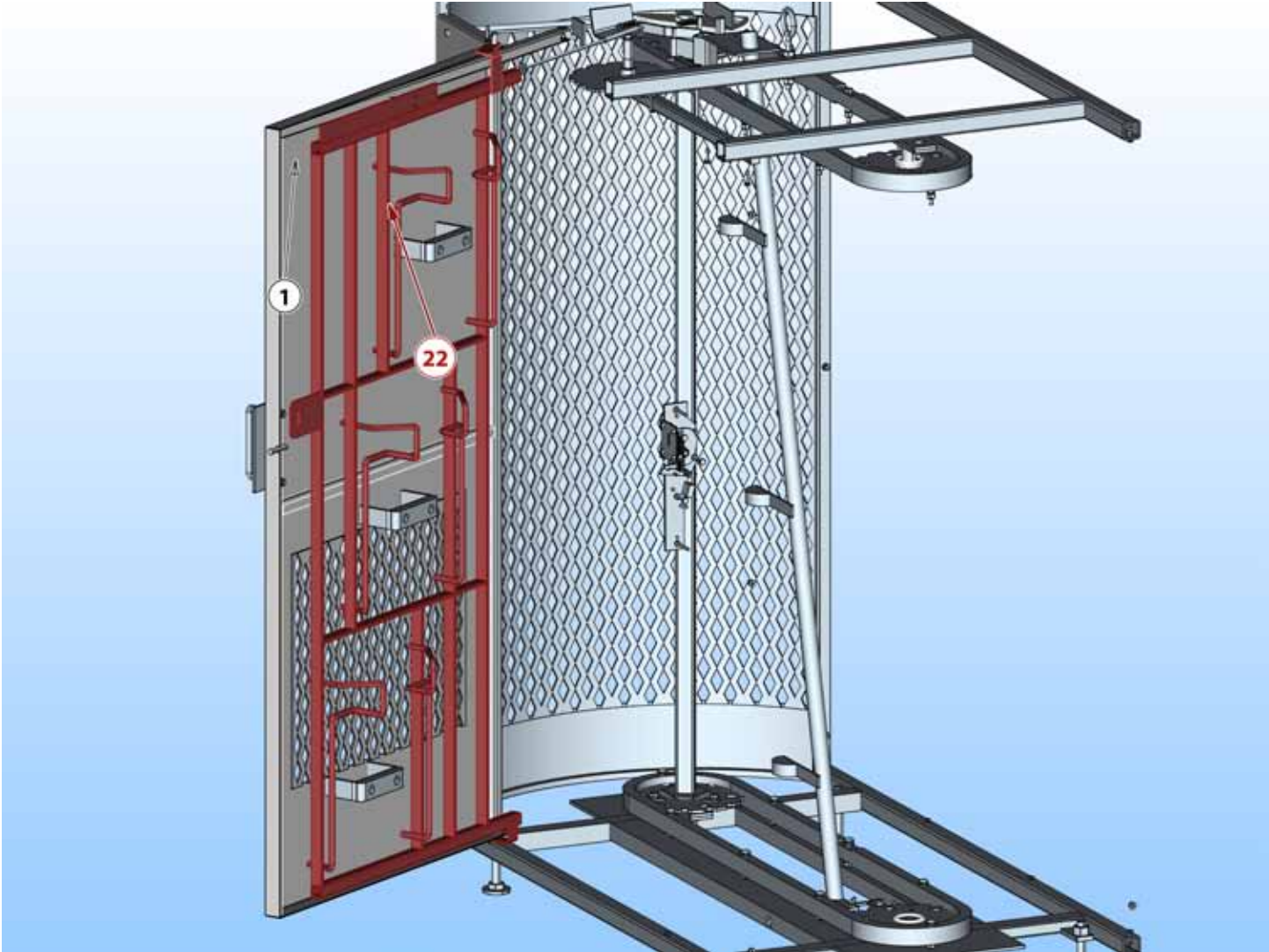
Item	Description	Part #
1	PVS outer door assembly	2-53082
2	Oneway lock finger	2-51448
3	3/8 Steel lock nut unc	004-0087
4	Hpv_carrier_spcr_top_1116	2-51527
5	3/8 X 2 1/2 hex bolt gr5 unc	001-0120
6	PVS_2_washer_spring %2	
7	Ext. Spring .022 X 1/4x1	119-0065
8	Latch arm weld	2-51456
9	Unlock peddle	2-53084
10	PVS_2_latch_arm spring	119-0047
11	1/4 X 1 3/4 hex bolt gr5 unc	purch
12	Wshr flat 1/4	003-0114
13	Pin roll 3/16 x 1-1/2	113-0032
14	Wsh machine 1/2	003-0062
15	Forward handle weld pin	2-57133
16	Forward wheel pivot sleeve	2-53049

COMPONENTS



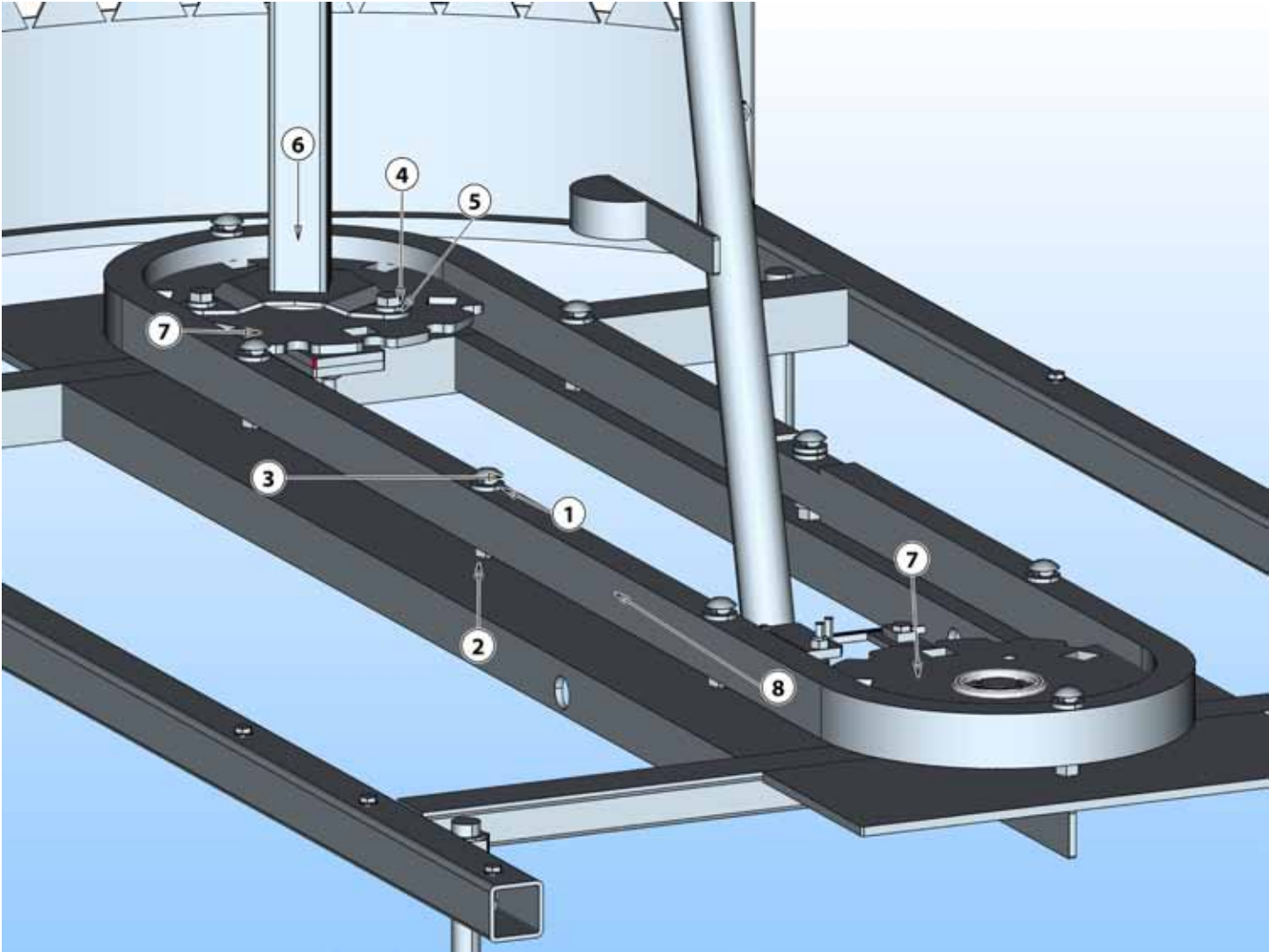
Item.....	Description.....	Part #
17.....	Forward wheel pivot spr.....	2-53545
18.....	Bushing bronze 1/2 x 3/4 x 1.....	007-0015
19.....	Forward wheel.....	2-51674
20.....	Inner_door_PVS.....	2-53449
21.....	3/8 X 1 hex bolt full thread gr5 unc.....	001-0114
22.....	Washer 3/8x3/4x11g.....	003-0113
23.....	Hpv sprocket hub.....	2-51447
24.....	PVS_2_ratchet_24.....	2-53054
25.....	Hpv_chain_curve_24.....	
26.....	PVS_2_door_tie_rod_345.....	2-53371
27.....	Snap ring ext 3/8.....	116-0002

COMPONENTS

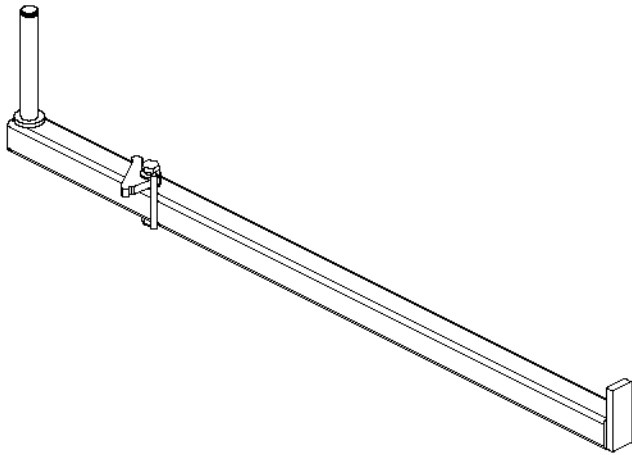


Item.....	Description.....	Part #
1	PVS outer door assembly.....	2-53082
22	Inner_door_PVS.....	2-53449-

COMPONENTS



Item.....	Description.....	Part #
1	Wshr flat 1/2 x 7/8 x 1/8.....	003-0017
2	3/8 Steel lock nut unc	004-0087
3	3/8 X 2 crg bolt f.T. Gr5 unc.....	001-0045
4	3/8 X 1 hex bolt full thread gr5 unc	001-0114
5	Washer 3/8x3/4x11g	003-0113
6	Drive shaft weld	2-51538
7	Hpv sprocket hub assembly	2-51447
8	Hpv_chain_curve_24.....	105-0144

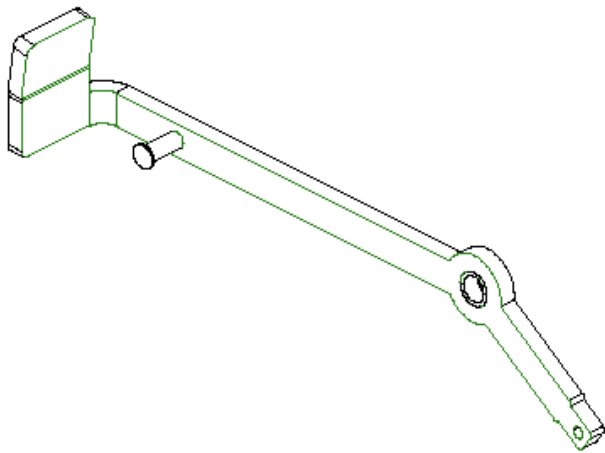


Forward handle assembly.....3-53970

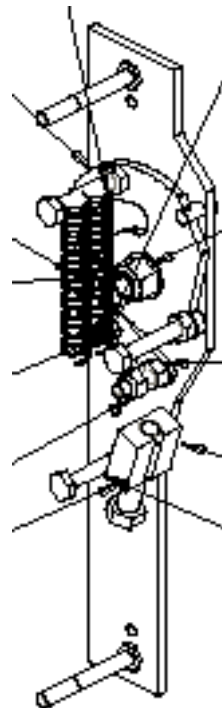


Linear Actuator 24v. used after April 2008.....406-0005

LINEAR ACTUATOR
12VDC 4".....406-0081

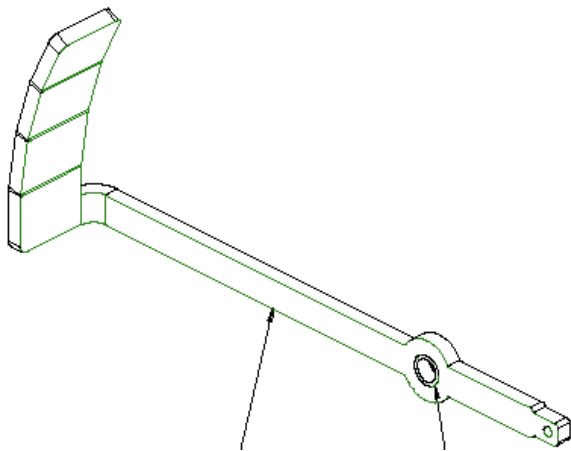


PVS cable sensor lever.....2-53372

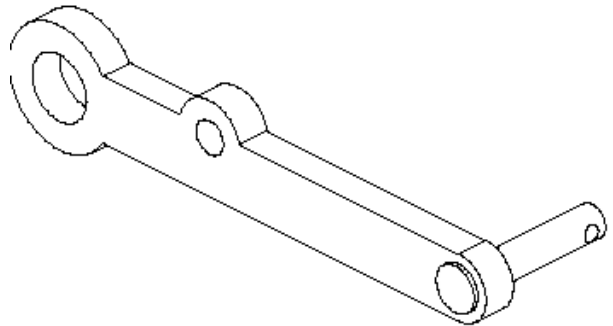


PVS 24 TANK DOOR LATCH ASMB
3/8.....2-53527

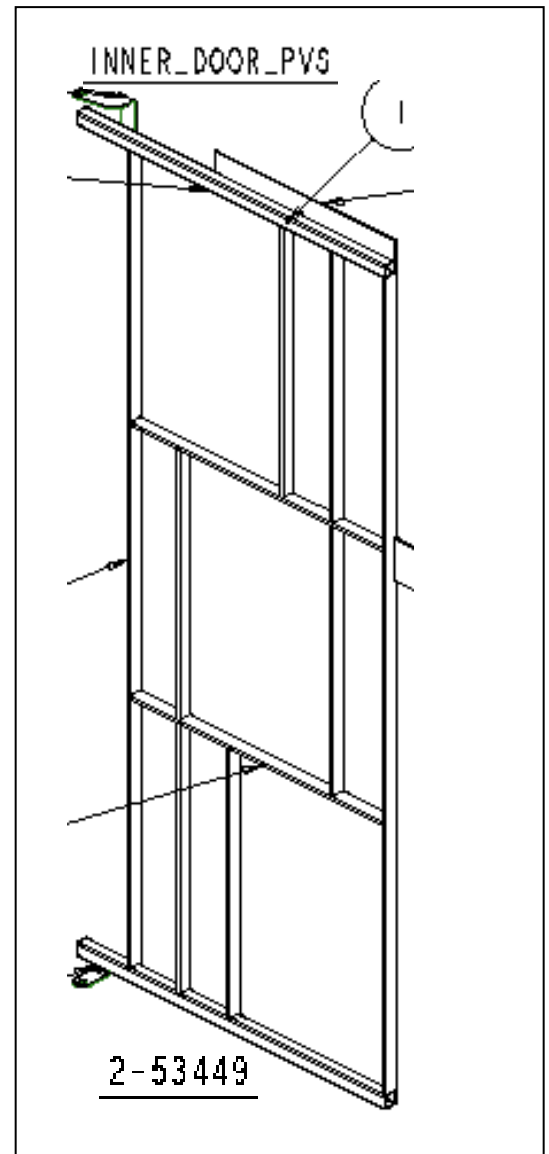
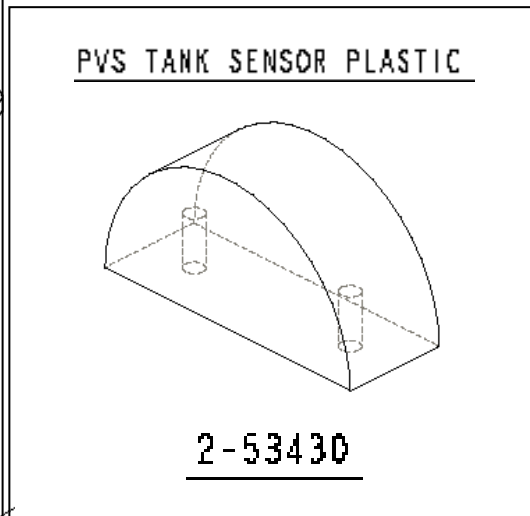
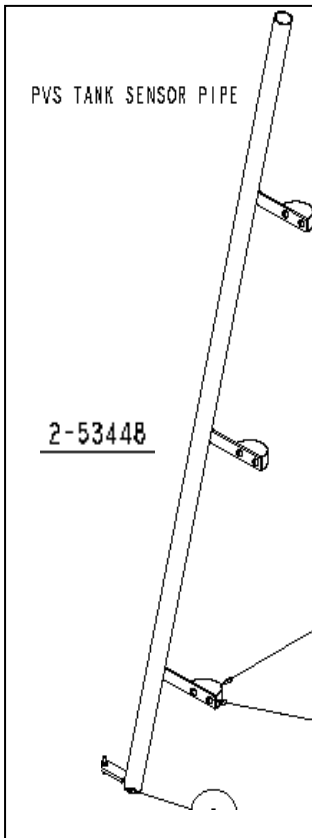
PVS 24 TANK DOOR LATCH ASMB
5/16...2-61396



Cable pull lever.....2-53372

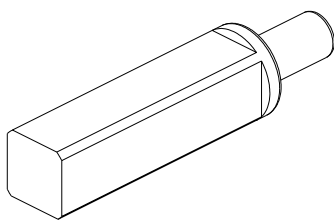


Cable push rod.....2-53653



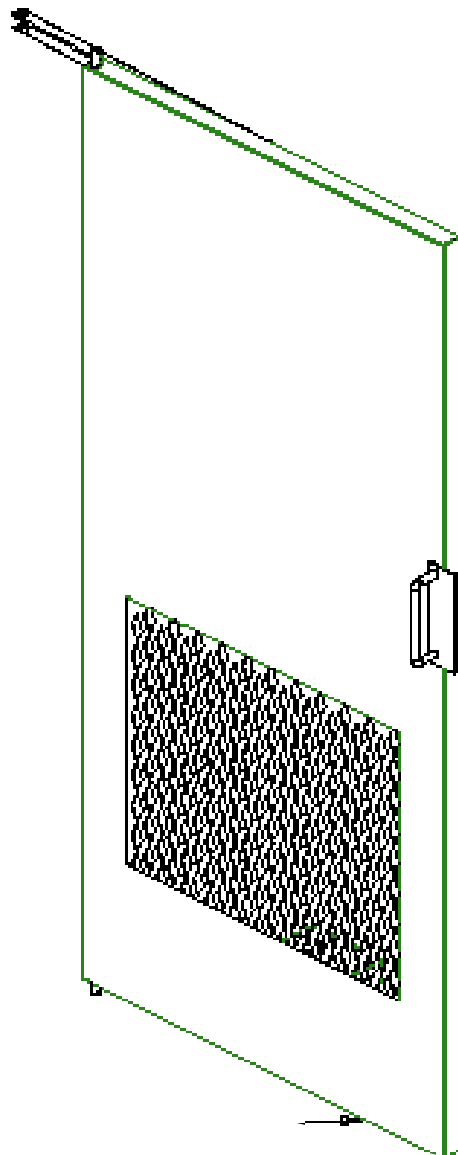
PVS outer door assembly.....
2-53082

PVS door hinge retro-

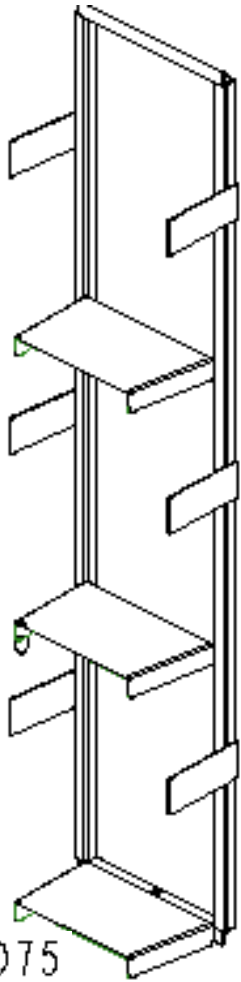


fit.....2-62919

To remove door, push up on bottom pin and pull bottom of door out. Door will drop down and become disengaged at top.



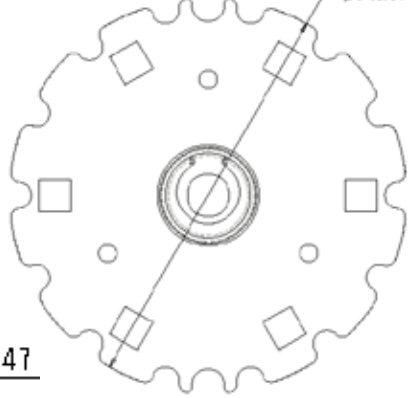
OPEN CARRIER PVS



2-53075

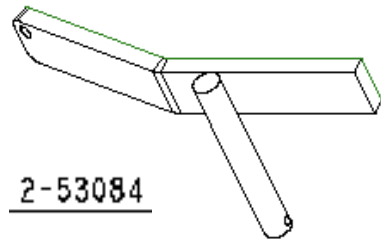
Bearing Cam.....006-0009

HPV SPROCKET HUB



2-51447

Unlock Pedal



2-53084

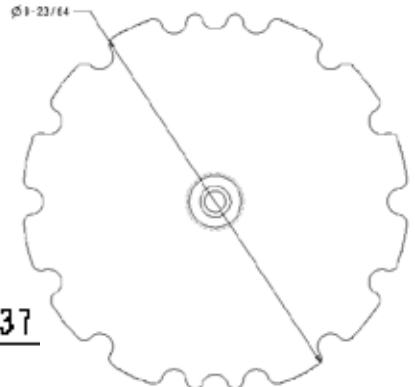
Unlock spring for pedal.....119-0054

PVS_2_RATCHET_24



2-53054

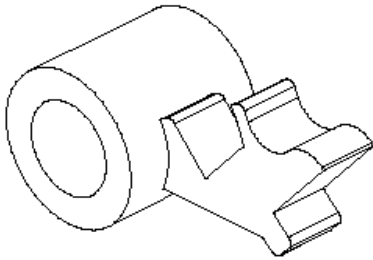
HPV FROWARD WHEEL ASM



2-51537

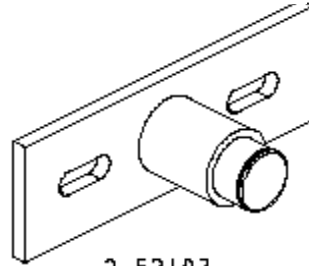
PVS 24 Chain.....105-0144

HPV RATCHET FINGER



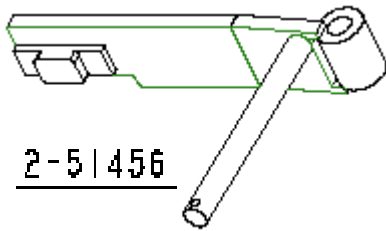
2-51436

PVS_2_IDLER_WELD_TOP



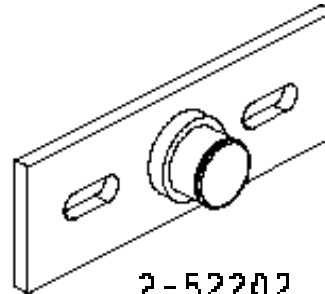
2-52197

LATCH ARM



2-51456

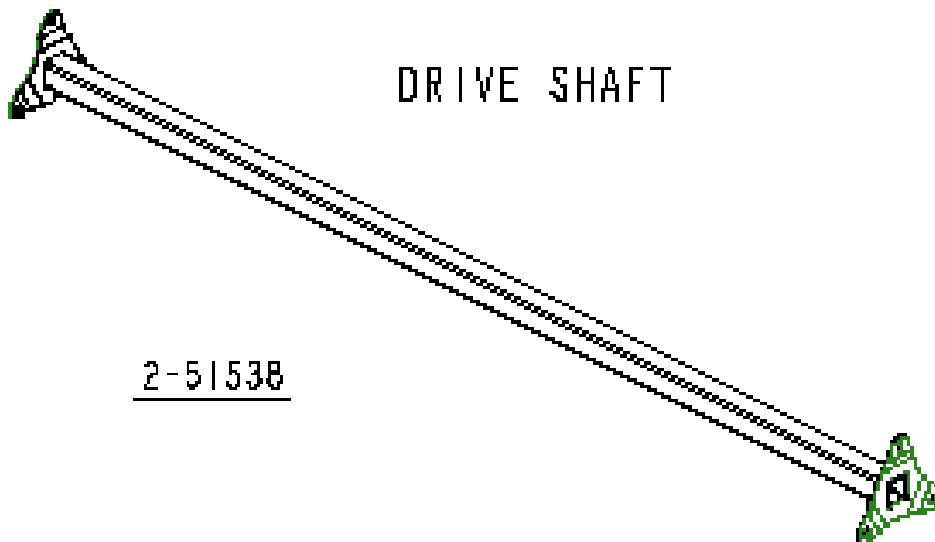
PVS_2_IDLER_WELD_BTTM



2-52202

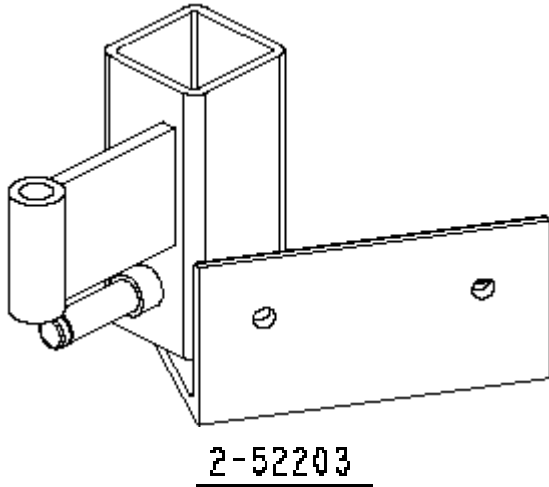
Spring for latch arm.....119-0047

DRIVE SHAFT

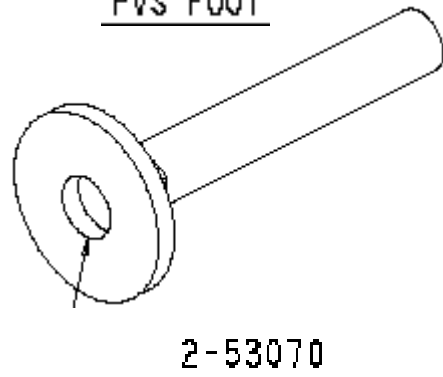


2-51538

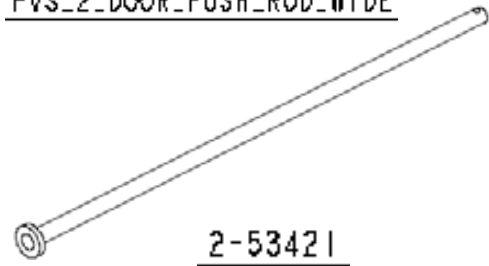
LATCH MOUNT WELD



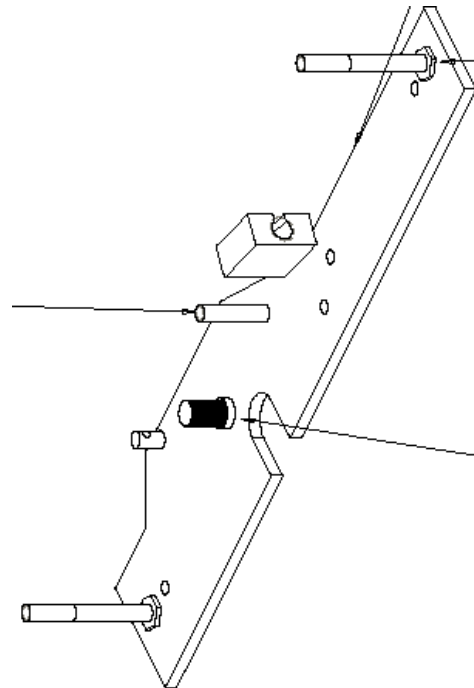
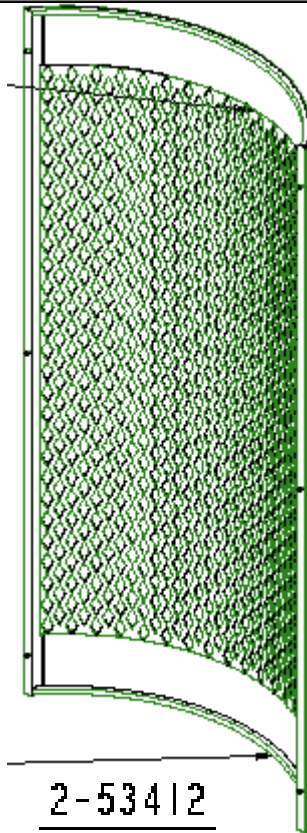
PVS FOOT



PVS_2_DOOR_PUSH_ROD_WIDE



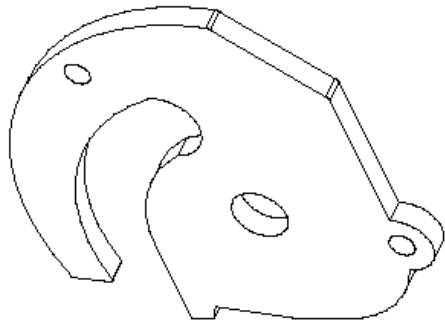
PVS2_RAD_END_WELD_345



PVS_latch_plt_weld_7/16 with:

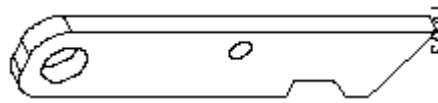
- 5/16" thread.....2-57342
- 3/8" thread.....2-53495

PVS DOOR LATCH CAM



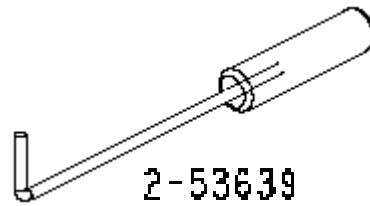
2-53493

DOOR LATCH STOP



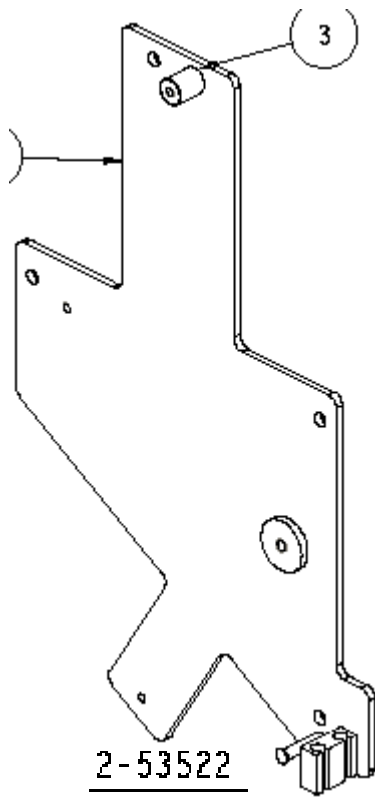
2-51825

PVS LOCK TOOL



2-53639

KIOSK ACTUATOR MNT WELD



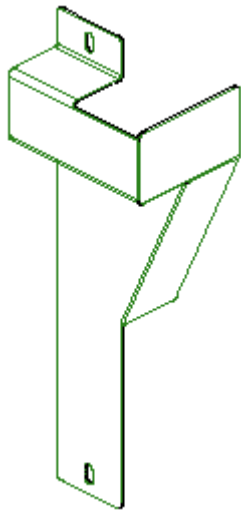
2-53522

PVS_2_DOOR_TIE_ROD_345



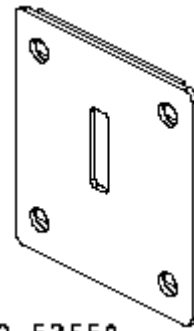
2-53371

PVS TOKEN LATCH COVER



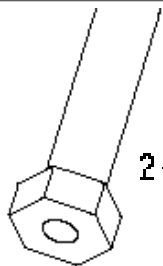
2-52288

PVS ACCESS DOOR



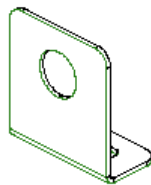
2-53550

PVS CABLE BOLT

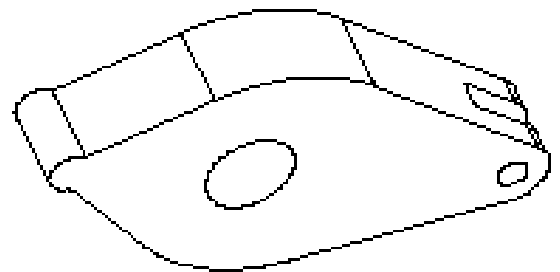


2-53502

KIOSK PROX BRACKET



2-53505

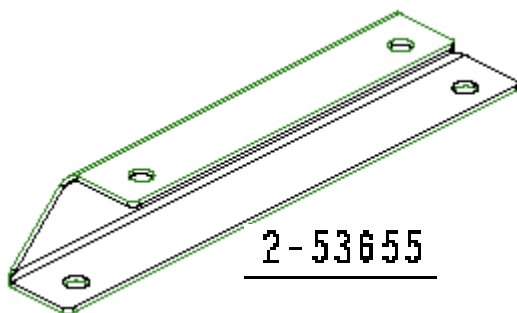


Oneway lock finger.....2-51448

Snap Ring116-0002

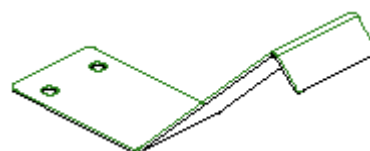
Spring Ext.....119-0065

PVS KIOSK LEG

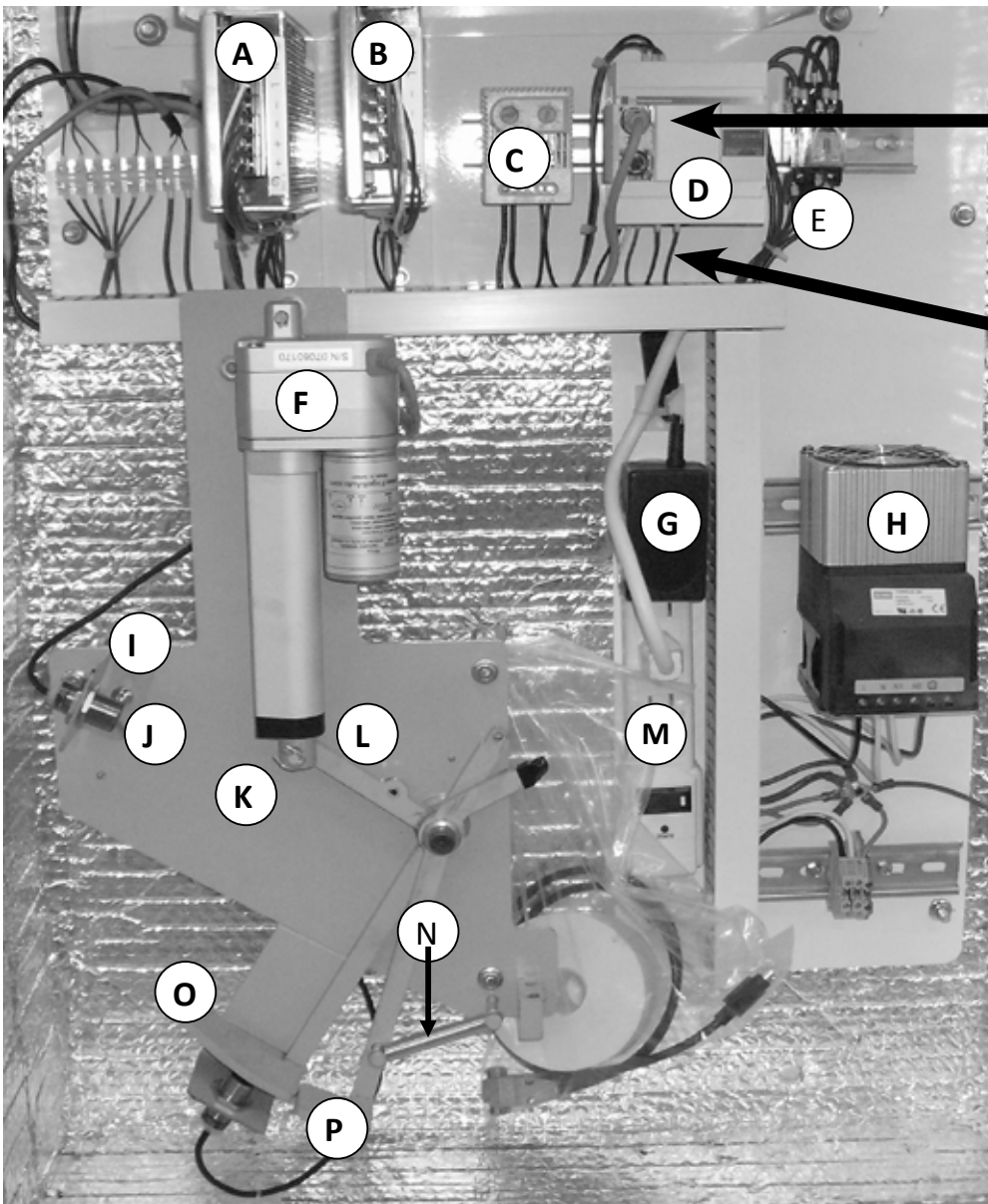


2-53655

PVS DOOR SPRING



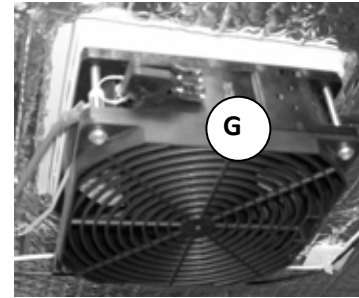
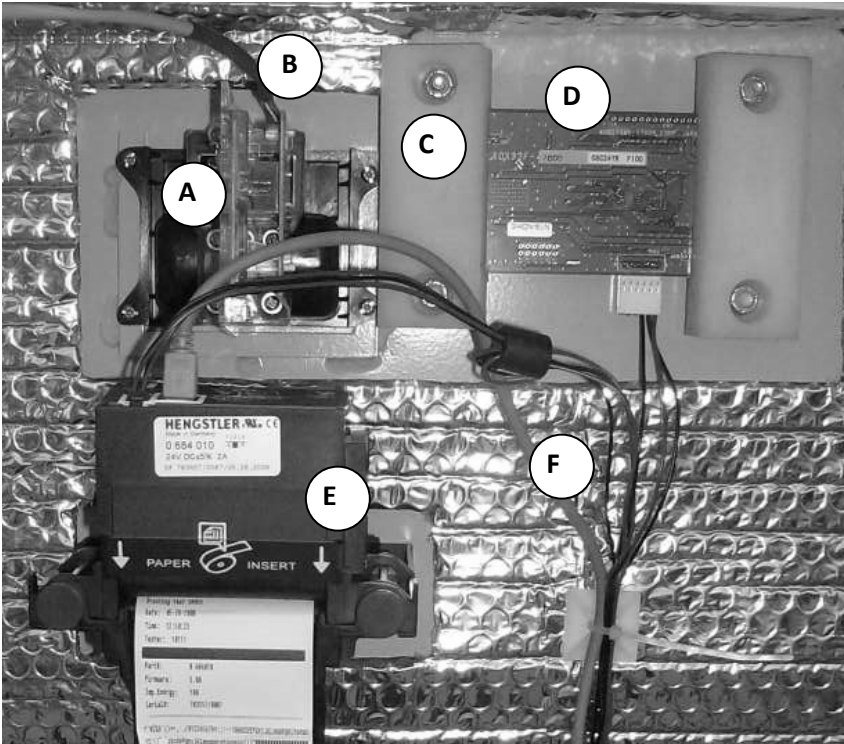
2-53640



Grey Cable goes from Top Port and connects to Display Cord 9 pin connector.

Black Cord plugs into bottom port and plugs into Computer's main 9 pin port (Computer supplied by Menards).

Item.....	Description.....	Part #
A.....	PVS power supply 24v 4amp	406-0047
B.....	PVS power supply 12v 8amp (earlier units only)	406-0048
C.....	Kiosk enclosure thermostat	406-0051
D.....	Plc telemecanique twido (include PVS serial # when ordering)	409-0055
E.....	Relay ice cube ly2 24vdc	409-0021
F.....	Linear actuator 24vdc (some 12vdc 406-0081)	406-0055
G.....	PVS power supply 5v 2amp	406-0049
H.....	Kiosk enclosure heater.....	406-0050
I.....	Kiosk prox bracket.....	2-53505
J.....	Kiosk proximity sensor	410-0113
K.....	Kiosk actuator mount	2-53522
L.....	Cable push rod	2-53853
M.....	Power bar 6 outlet surge protect	406-0054
N.....	PVS_2_dr_lrch spring.....	119-0064
O.....	Kiosk cable pull lever.....	2-53572
P.....	PVS cable sensor lever asmb	2-53575



Item.....	Description.....	Part #
A.....	Card reader matsushita USB	412-0001
B.....	Cable card reader (USB)	400-0085
C.....	Notitake display mount	206-0070
D.....	Display noritake with cable (VFD)	402-0085
E.....	Printer hecon c-56 USB.....	412-0002
F.....	Printer cord	n/a
G.....	Kiosk air exchange fan	406-0052
H.....	Kiosk air exchange vent.....	406-0053

Notes:

Remove and Re-Insert Paper to print Test Page. Printer works correctly if the test print is legible

Display shows last message received.

Display should have a faint glow in the background.

Display will show "Out of Service" when PLC to PC Cord is unplugged.

NOTE; If Fill Card is swiped, PLC's Tank Count will reset to 24 tanks in stock.

Parts without pictures

Item.....	Description.....	Part #
A.....	Spring tors .038X.288ldx1.563 Bent leg.....	119-0073
B.....	Spring com .041 X .520 X 1	119-0055
C.....	Spring ext .022 X .25 X 1	119-0065
D.....	Spring ext .047X.437X1.5	119-0047
E.....	Spring ext .047 X .437 X 3.....	119-0064
F.....	Spring ext .055X.437X1.5 Side hook.....	119-0054
G.....	Spring ext .032X.500X1	119-0066
H.....	PVS cable asmb w/ 3/8 bolt	2-53995
I.....	PVS cable asmb w/ 5/16 bolt.....	2-53996
J.....	PVS kiosk light bulb 24vdc	406-0058
K.....	Light enclosure 12vdc	410-0139
L.....	Display noritake cover	2-53512



(M)



(O)



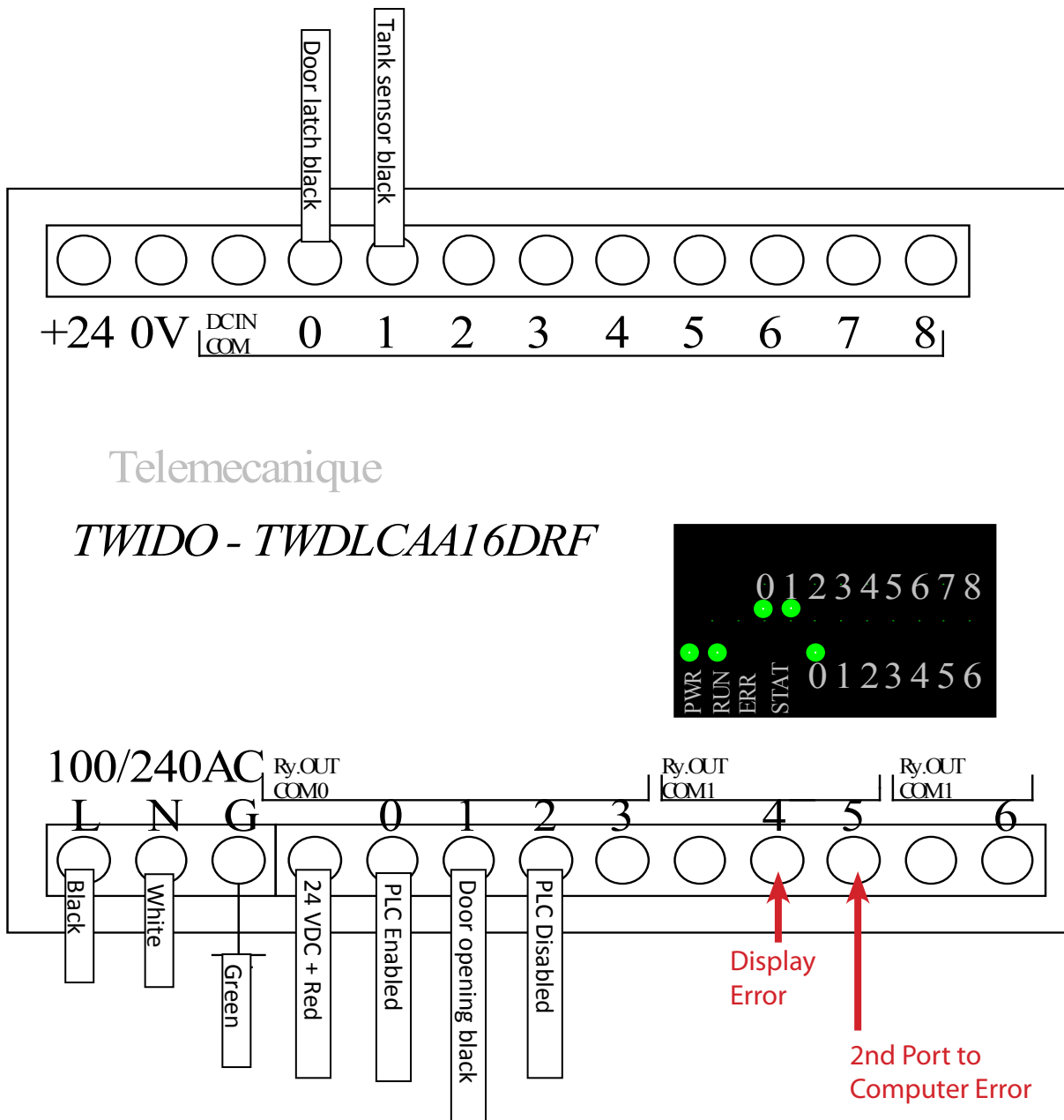
(N)



#409-0084 - TWIDO RS232 PORT

(P)

Item.....	Description.....	Part #
M.....	Cable - PVS PLC to PC	409-0106
N.....	Cable plc converter RS232 to RS485.....	400-0083
O.....	Cable PVS display to connection	409-0114
P.....	Twido RS232 port.....	409-0084



The PLC lights are:

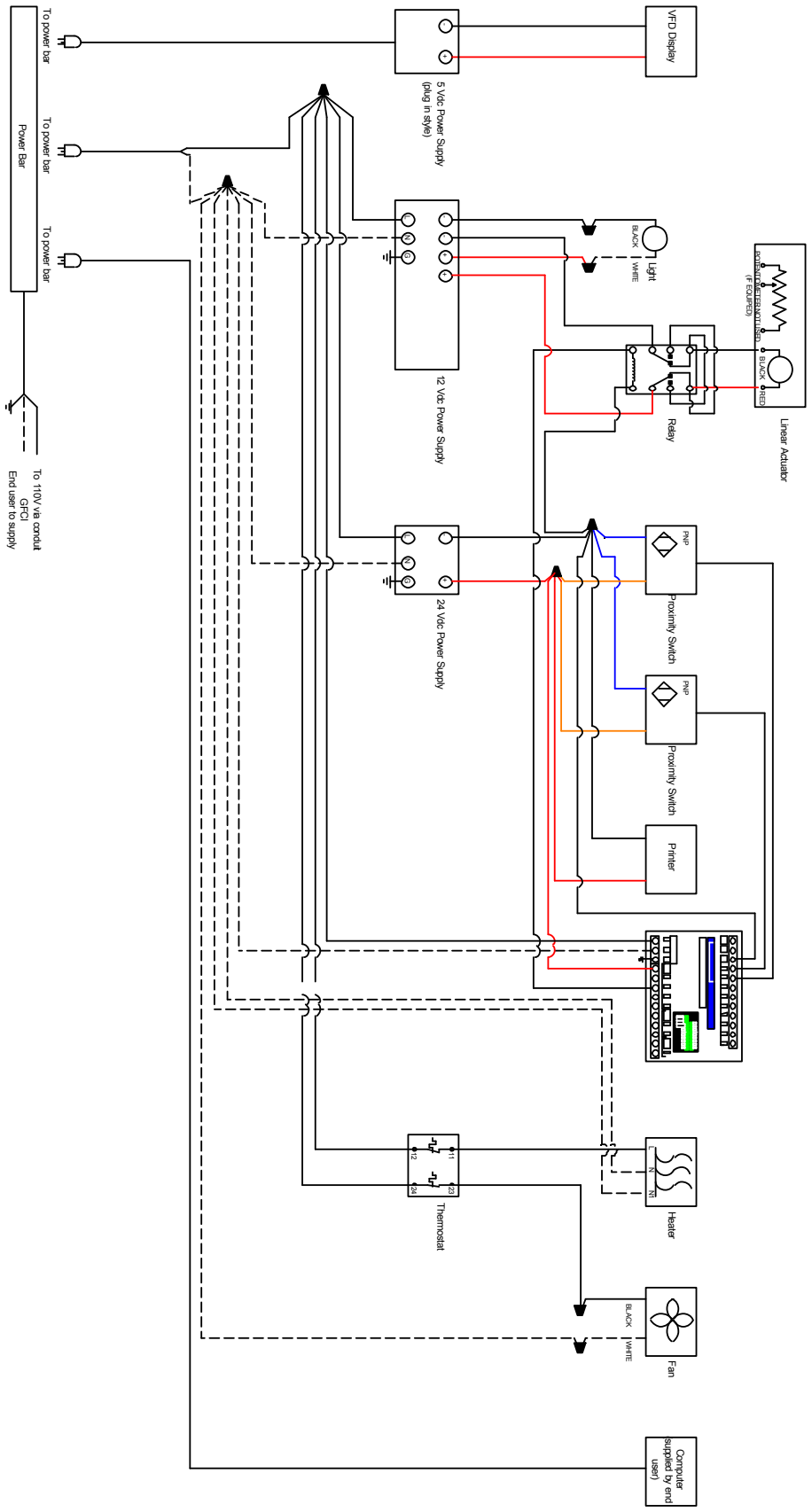
IN (top row)

- 0 - Door sensor (the door should closed and latched)
- 1 - Tank sensor (exchange tank present)

OUTPUT (bottom row)

- 0-PLC enabled (unit is good to go price on the display)
- 1-actuator is on (while the door is being unlatched)
- 2- PLC disabled (means the PLC has been disabled by the PC)

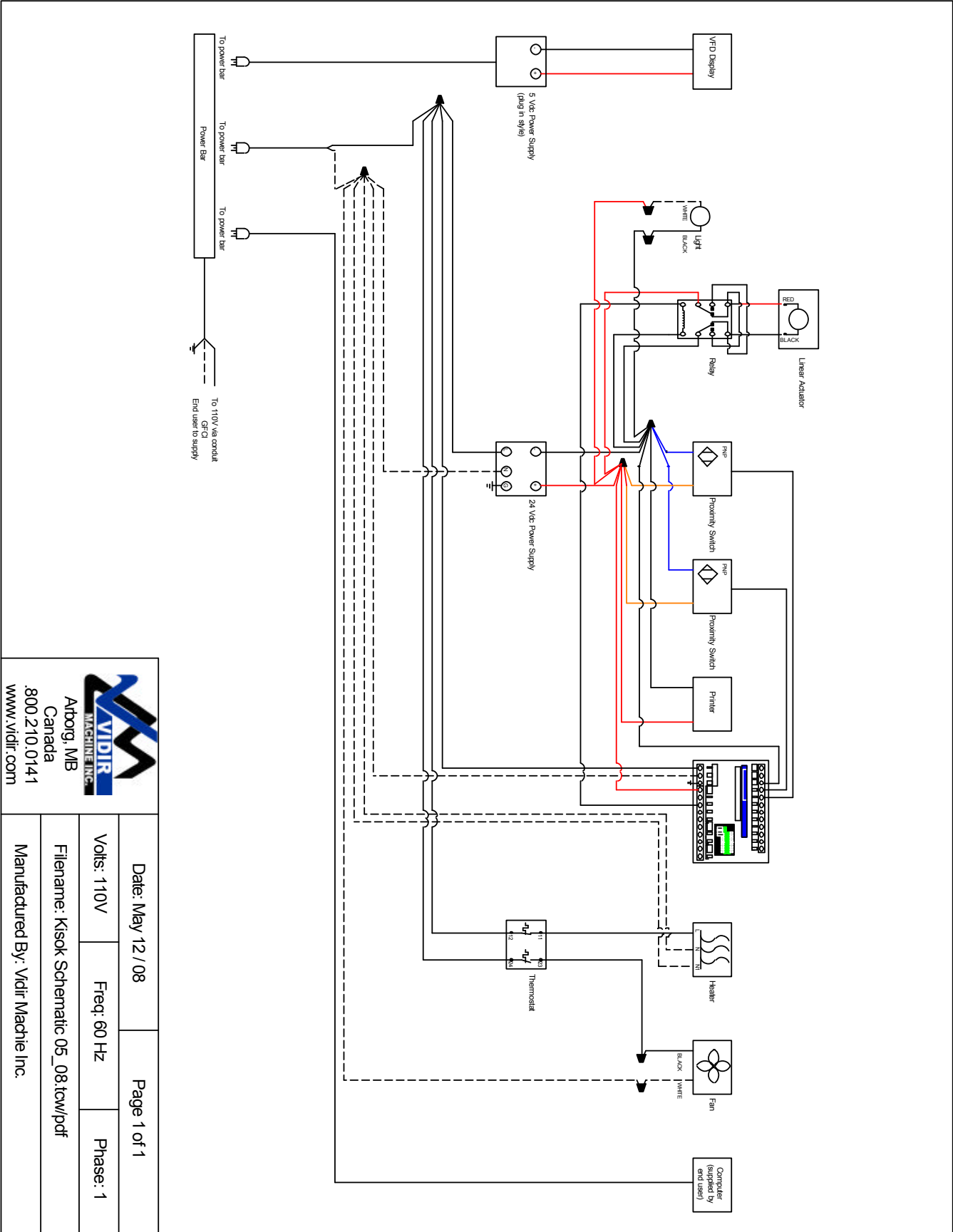
WIRING SCHEMATIC



Arborg, MB
Canada
.800.210.0141
www.vidir.com

Date: April 4, /08	Page 1 of 1	
Volts: 110V	Freq: 60 Hz	Phase: 1
Filename: Kiosk Schematic 04_08.tcw/pdf		
Manufactured By: Vidir Machine Inc.		

WIRING SCHEMATIC



Arborg, MB
Canada
800.210.0141
www.vidir.com

Date: May 12 / 08	Page 1 of 1	
Volts: 110V	Freq: 60 Hz	Phase: 1
Filename: Kiosk Schematic 05_08.tcw/pdf		
Manufactured By: Vidir Machine Inc.		

WARRANTY & LIABILITY

1. Vidir Machine Inc. ("Vidir") warrants solely that the equipment shall be free from any defect due to faulty workmanship or material deficiency at the time of delivery to the buyer thereof (the "Buyer") and for a period of one year therefrom.
2. All work except minor repairs or adjustments to the equipment furnished on an emergency basis, will be performed during regular working hours. If the Buyer requests that repair work be performed outside of regular working hours, it is the responsibility of the Buyer to pay the difference between regular and premium labour rates at the then standard hourly billing rate.
3. This warranty shall be voided by any modifications to the equipment or any use of the equipment for any purpose other than that for which it was specifically intended.
4. This warranty is the only warranty made by Vidir. The Buyer hereby expressly waives any obligations or liability, including liability for loss or damages due directly or indirectly, any obligations including, without limitation, loss of use, revenue, or profit, shipping and handling, and injury to person or property.
5. It is the responsibility of Buyer to know, understand and comply with the work and safety laws and regulations in effect and governing Buyer's use of the equipment. To the extent governing law requires inspections, records keeping and/or after-purchase modifications to the equipment, it is the responsibility of the Buyer to arrange for and comply with such requirements and any associated costs are the sole responsibility of the Buyer. Vidir assumes no responsibility or liability for Buyer's performance under or compliance with such laws and regulations.
6. If the equipment is found by the Buyer to be defective, the Buyer must notify Vidir within a period of 30 days of discovery of the defect.
7. The Buyer is expected to provide access to all equipment covered by this warranty. Vidir shall not be responsible for any expense incurred in removing, replacing, or refinishing any part of the building structure necessary for the performance of Vidir's obligations under this warranty.
8. In the event that any alterations, additions, adjustments or repairs are made by others without Vidir's prior written consent, Vidir may, at its option, immediately terminate this warranty by providing written notice to the Buyer.
9. In the event Vidir is required to make emergency calls, repairs and/or replacements under this warranty occasioned by the Buyer or any user's negligence, improper operation or misuse of the equipment or by fire, explosion, flooding, the elements, strikes, labour troubles, vandalism, riots or civil commotion, or by any cause beyond Vidir's control. The Buyer shall reimburse Vidir for such emergency calls, repairs and/or replacements in accordance with the then current rates for such services.
10. Vidir's liability for injury to persons or property shall, in any event, be limited to that caused directly by its negligence. Vidir shall not be liable, however, on any account, for any damage or loss to the Buyer or its dealers, representatives, affiliates or agents resulting from business interruption, inconvenience, loss of profits, or special or, indirect or consequential damage. Vidir shall not be deemed to guarantee or warrant the continuing operation or operating efficiency of the equipment covered, nor shall Vidir be liable for any breakdowns thereof or for any damage to any other property of the Buyer not covered by this warranty but resulting from any breakdowns in or operating mishaps of the equipment covered.
11. Should any payment due by the Buyer become thirty days or more delinquent, Vidir may terminate this warranty by written notice, and all moneys owed Vidir shall be immediately payable on demand.
12. This warranty is not transferable or assignable by the Buyer.
13. Vidir reserves the right to determine, in its sole and absolute discretion the best means and methods to be employed for any corrective or repair work deemed necessary by Vidir pursuant to this warranty.