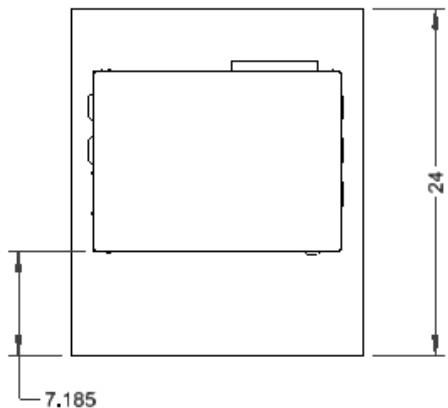




Models: 8685-3100A, A-1, A-2, A-3, A-4, A-6, A-7, A-8

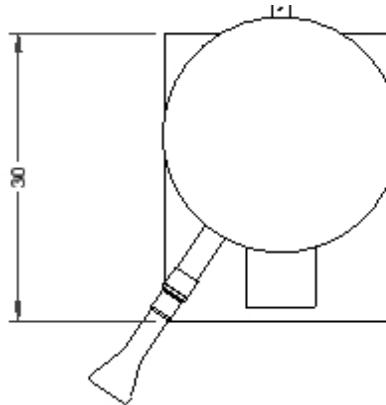
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8685-3100A-1 Installation	PAGE	9-11
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Specifications



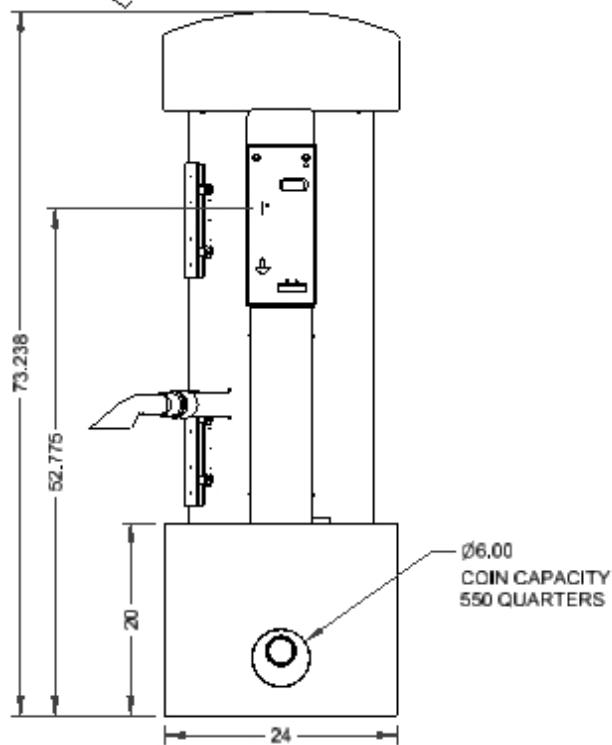
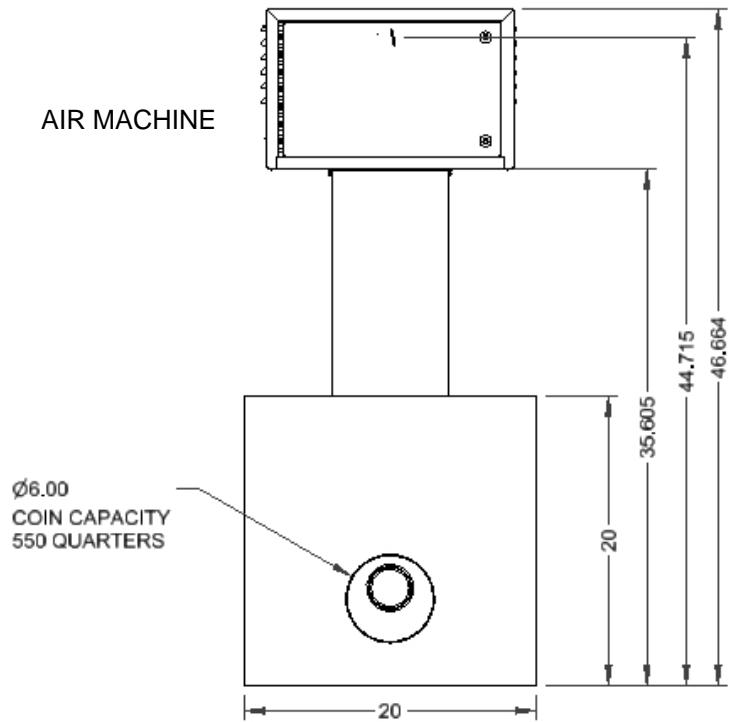
Estimated number of
80lb bags of ready to mix
concrete needed to fill
forms.

Air machine: 13 bags
Vacuums: 20 bags

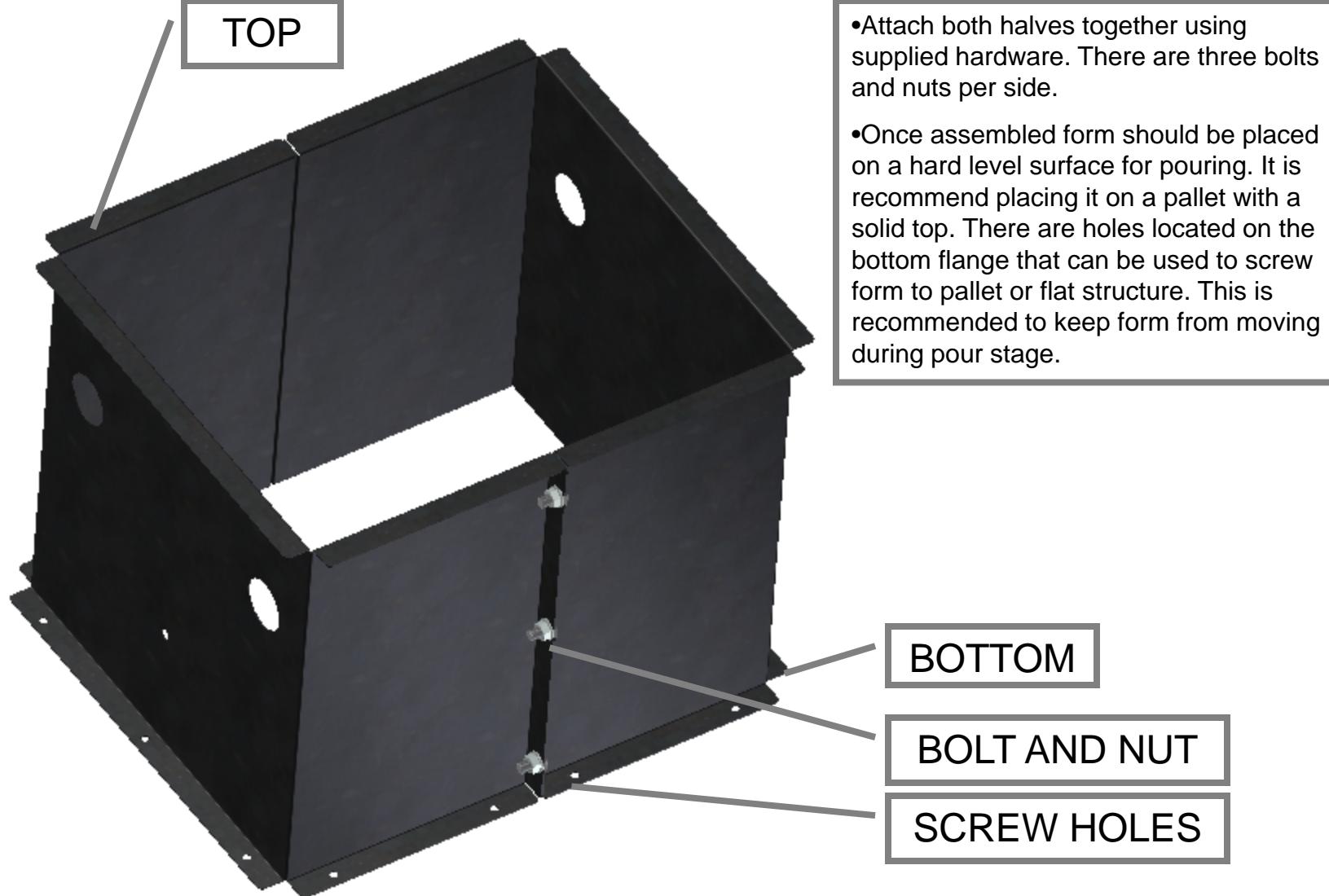


VACUUM

AIR MACHINE

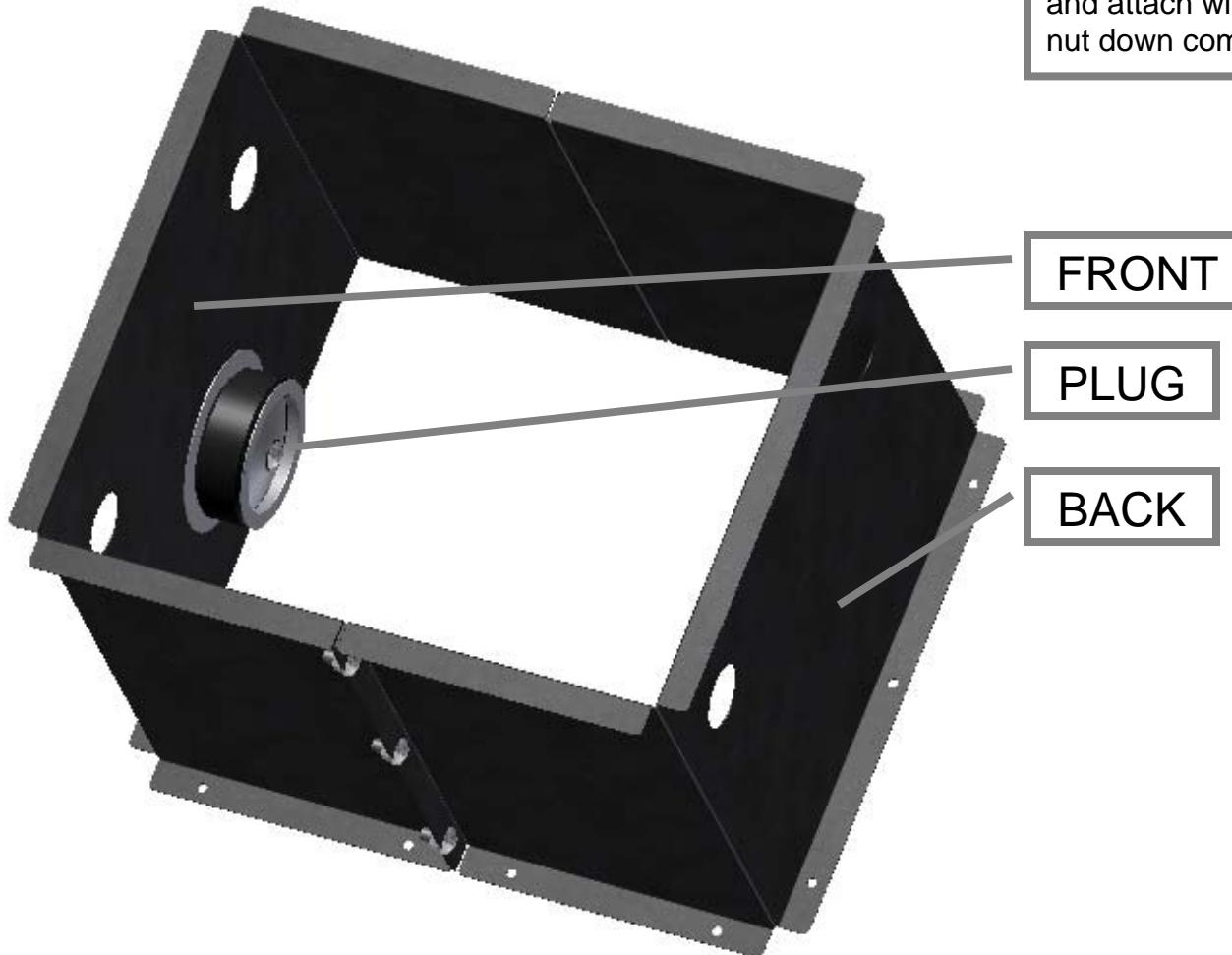


8685 FORM ASSEMBLY



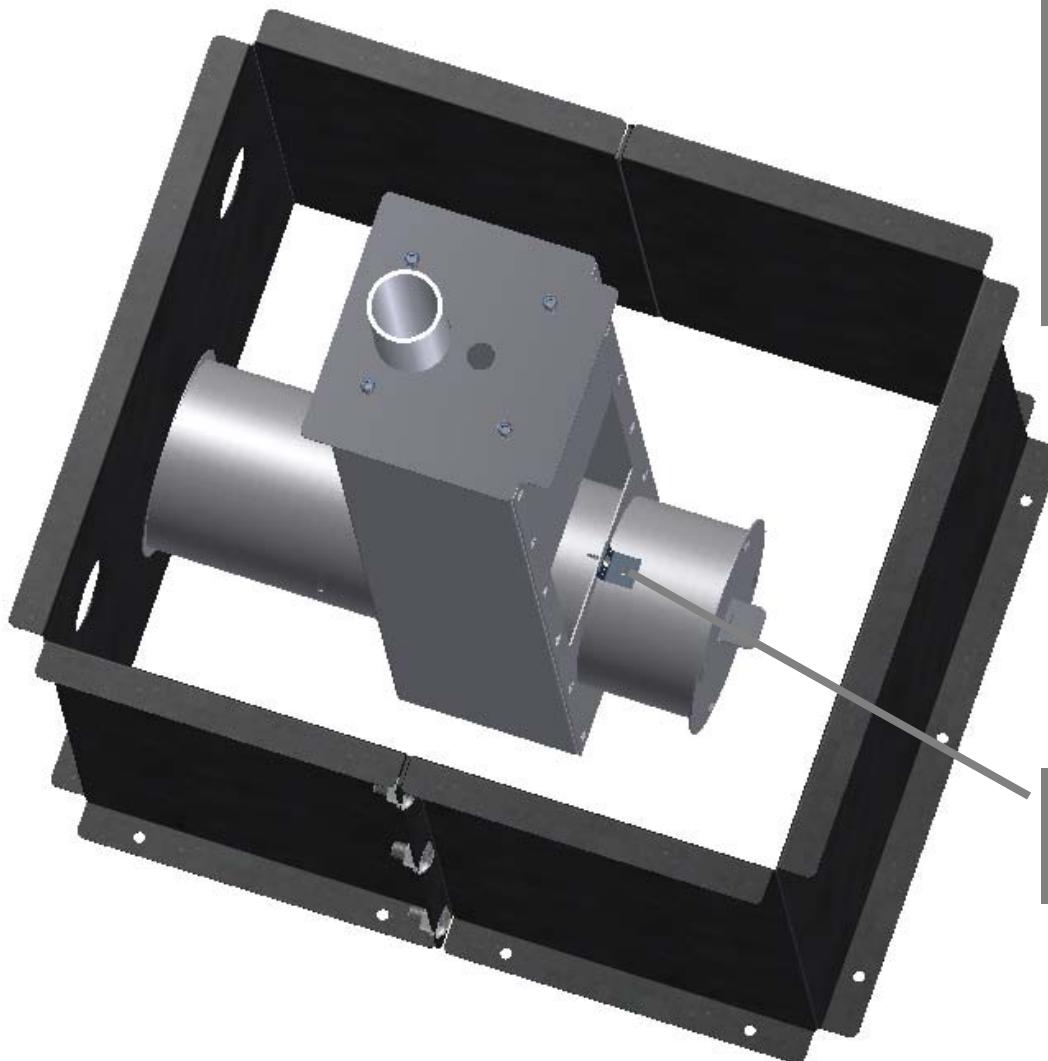
- Attach both halves together using supplied hardware. There are three bolts and nuts per side.
- Once assembled form should be placed on a hard level surface for pouring. It is recommended placing it on a pallet with a solid top. There are holes located on the bottom flange that can be used to screw form to pallet or flat structure. This is recommended to keep form from moving during pour stage.

8685 FORM ASSEMBLY



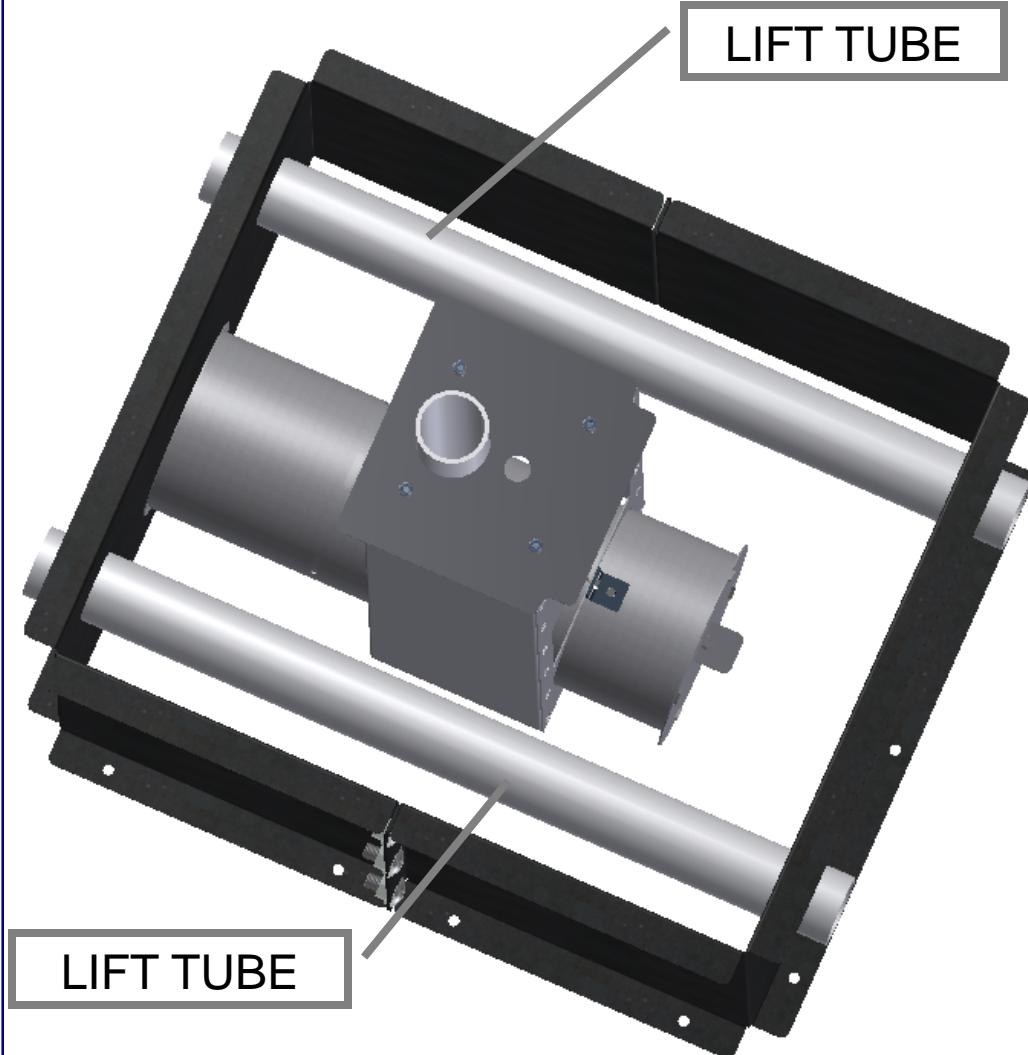
- Insert plug into hole on front side of form and attach wing nut. Do not tighten wing nut down completely at this point.

8685-3100A INSTALLATION



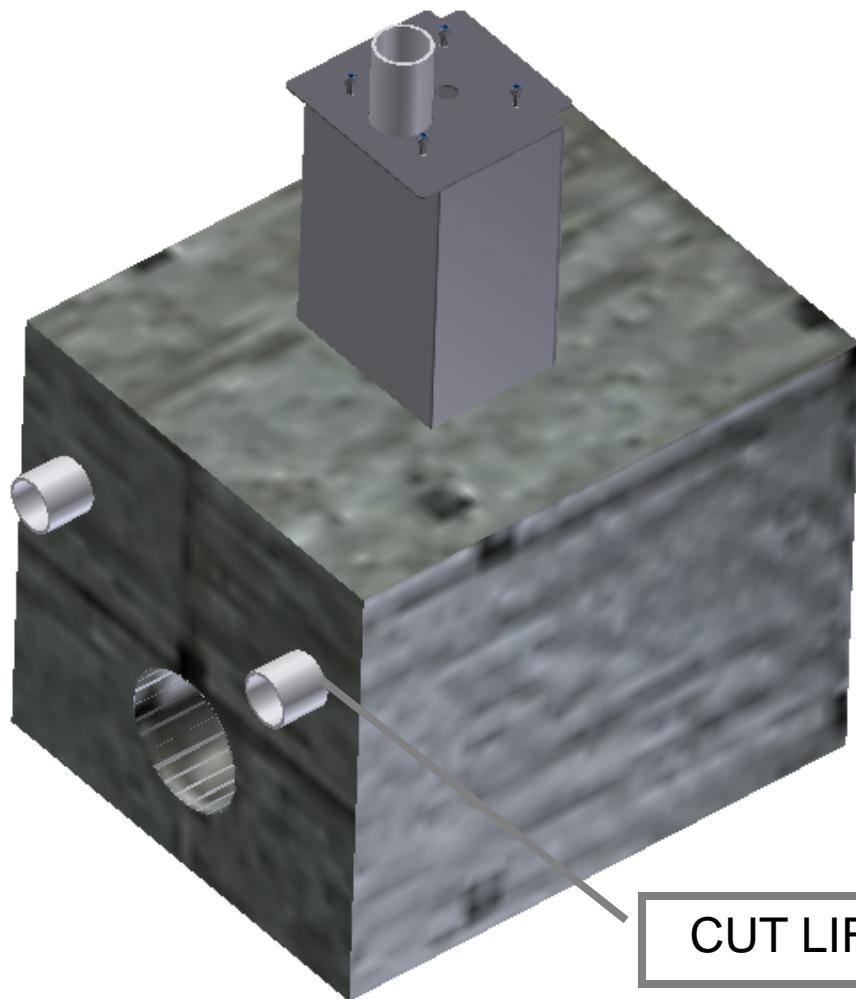
- Insert vault assembly into form.
- Place opening of vault over plug and press until it mates with form and tighten wing nut on front of form until the vault assembly is sealed and no movement is allowed.

8685-3100A INSTALLATION



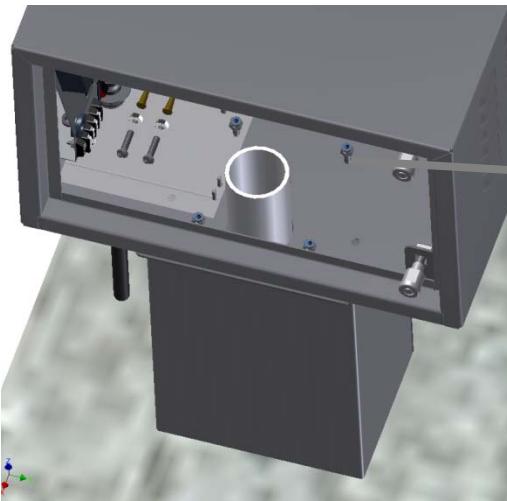
- Insert lift tubes into holes in form. Make sure there is approximately 2" sticking out each end.
- At this point it is recommended to coat the inside of the form with a light coat of oil. This will aid in keeping the form from sticking to the concrete and allow it to be removed easier.
- Form is now ready for concrete. It is recommend using highway grade mix for best results
- Next pour in concrete and make sure to fill all the crevices with mix. A concrete vibe may also be used to make sure the mix spreads evenly. Do not over vibe or concrete may become to thin.
- Wait 24-48 hours to dry. When dry remove screws from deck and remove bolts from form. Loosen wing nut on front and slide panels off concrete block. Save forms for another pour.

8685-3100A INSTALLATION



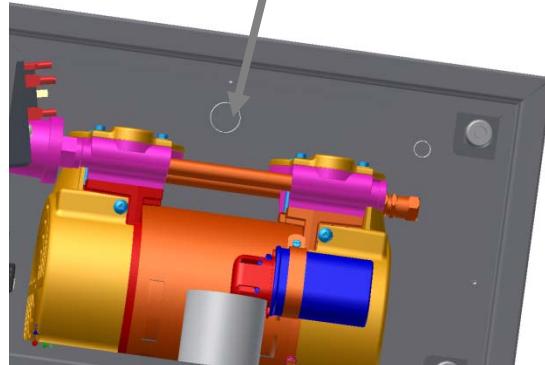
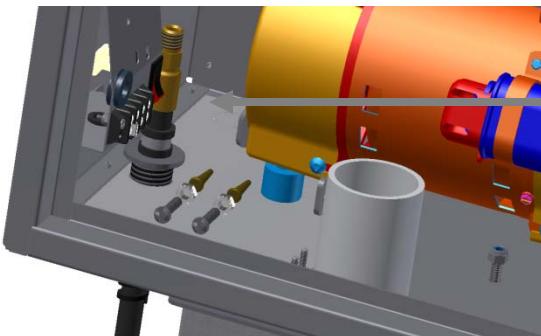
- Once form is removed the block should look like this.
- Next cut excess off lift tubes to be flush with concrete. (4pl)
- Open up vault door and clean out any water or concrete residue from the inside of vault.

8685-2GVR OR 8685-2GWVR INSTALLED ON PEDESTAL

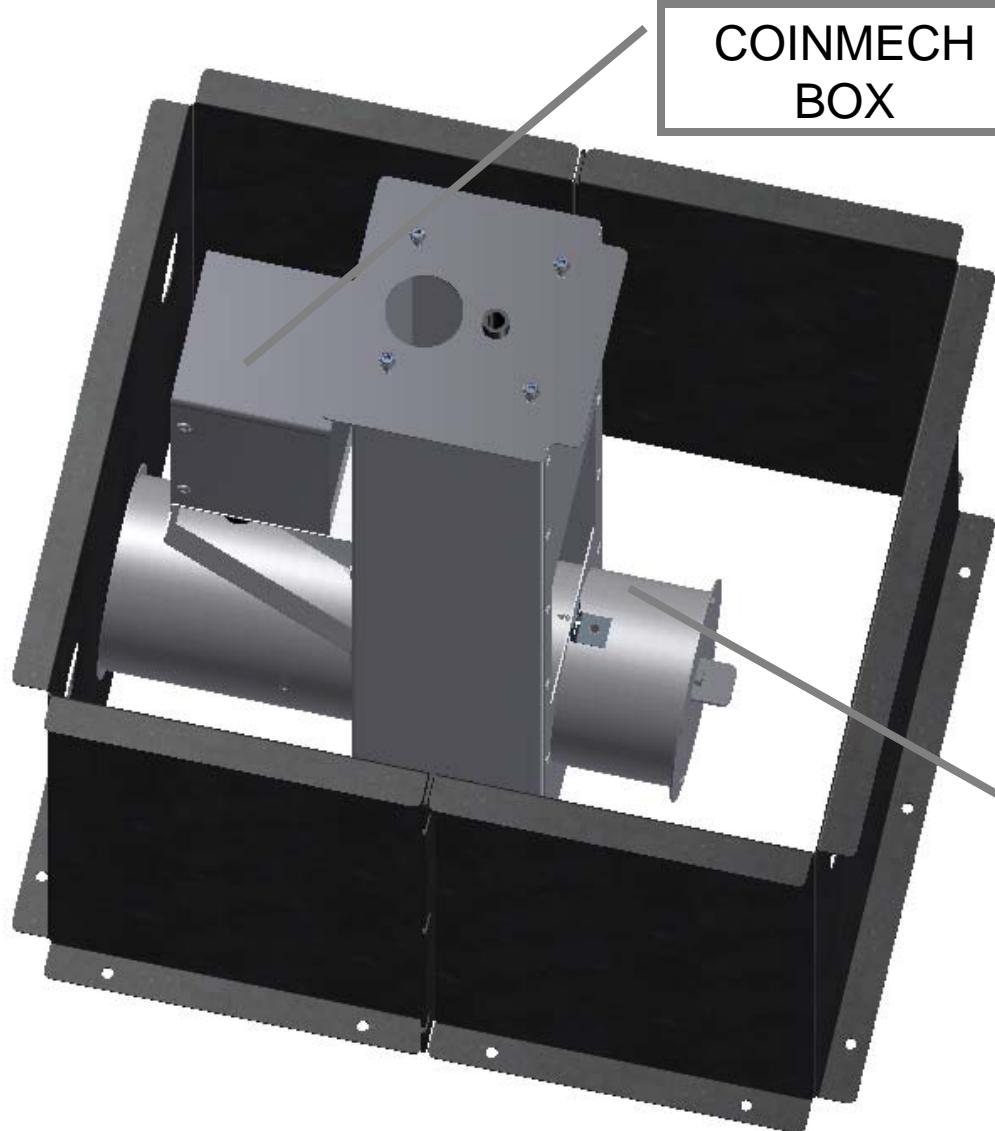


NUT INSTALLED
(4PL)

- Place machine on top of pedestal and attach lock nuts to fasten cabinet.
- Run electrical to cabinet to either the bottom or back of cabinet. There are knockouts in both locations to run conduit to.
- Incoming power then hooks to terminal strip just below timer. See wire diagram in machine manual for exact connection info.



8685-3100A-1 INSTALLATION

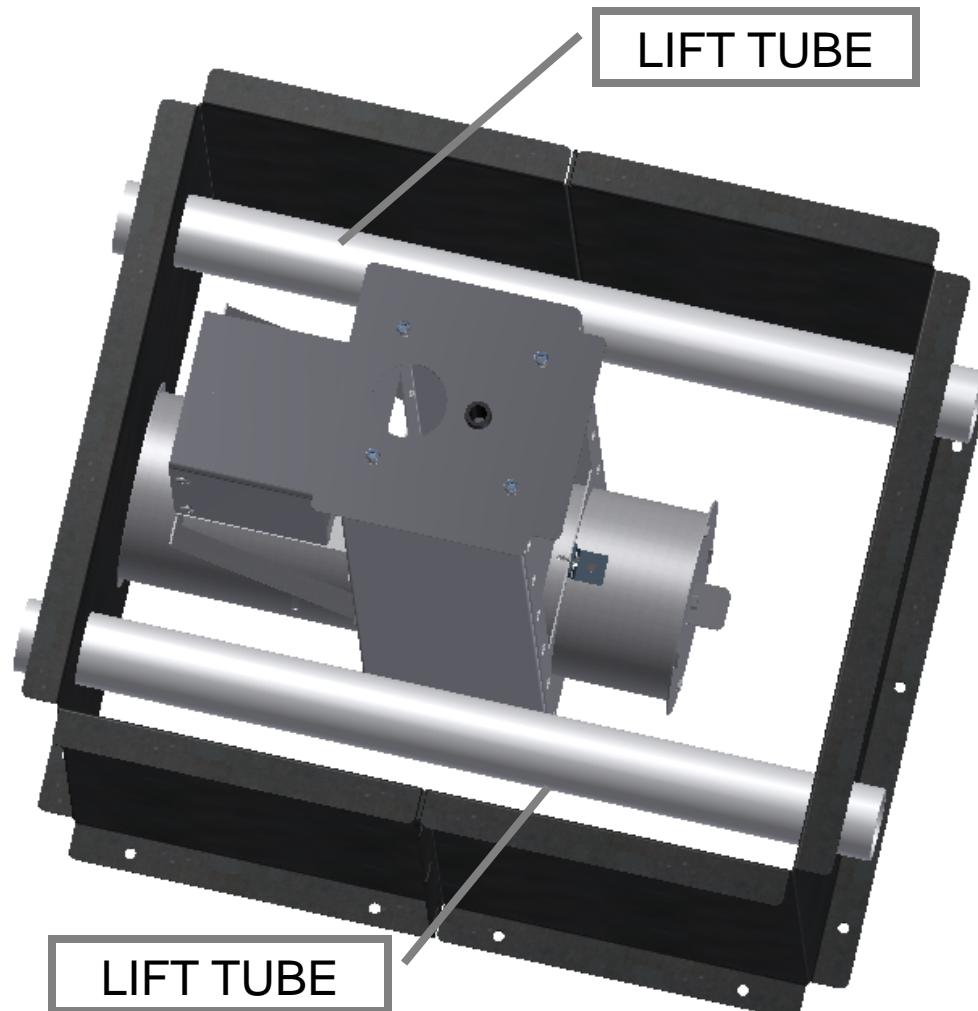


COINMECH
BOX

- Insert vault assembly into form.
- Place opening of vault over plug and press until it mates with form and tighten wing nut on front of form until the vault assembly is sealed and no movement is allowed.
- Coin mech box can either be mounted as shown during the pour or can be removed but it is generally easier to pour with it not attached.

8685-3100A-1 VAULT
ASSEMBLY

8685-3100A INSTALLATION



- Insert lift tubes into holes in form. Make sure there is approximately 2" sticking out each end.

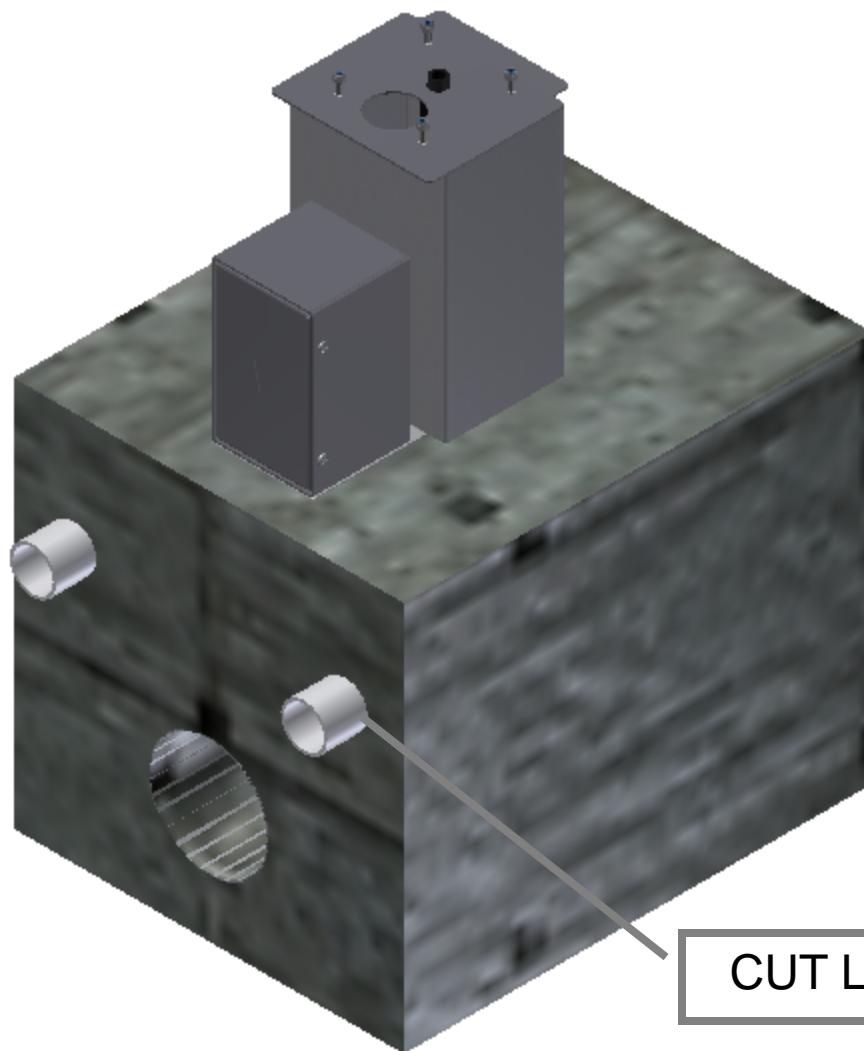
- At this point it is recommended to coat the inside of the form with a light coat of oil. This will aid in keeping the form from sticking to the concrete and allow it to be removed easier.

- Form is now ready for concrete. It is recommend using a highway grade mix for best results.

- Next pour in concrete and make sure to fill all the crevices with mix. A concrete vibe may also be used to make sure the mix spreads evenly. Do not over vibe or concrete may become to thin.

- Wait 24-48 hours to dry. When dry remove screws from deck and remove bolts from form. Loosen wing nut on front and slide panels off concrete block. Save forms for another pour.

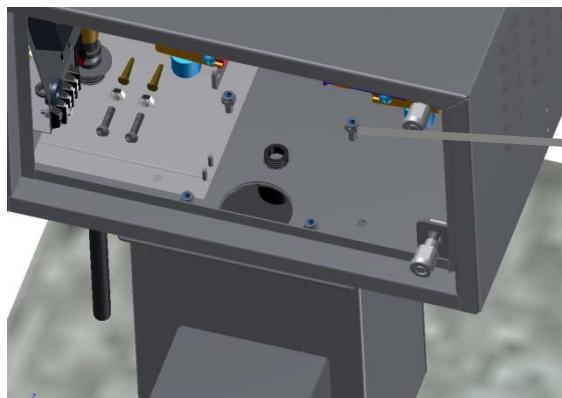
8685-3100A-1 INSTALLATION



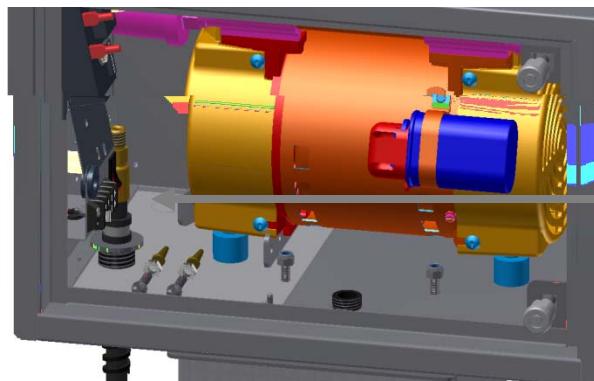
- Once form is removed the block should look like this.
- Next cut excess off lift tubes to be flush with concrete. (4pl)
- Open up vault door and clean out any water or concrete residue from the inside of vault.

CUT LIFT TUBE FLUSH WITH BLOCK

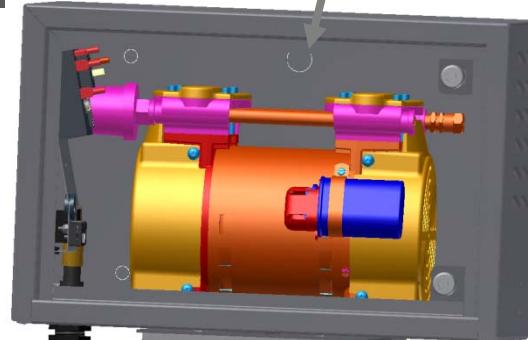
8685-2GVR-1 OR 8685-2GWVR-1 INSTALLED ON PEDESTAL



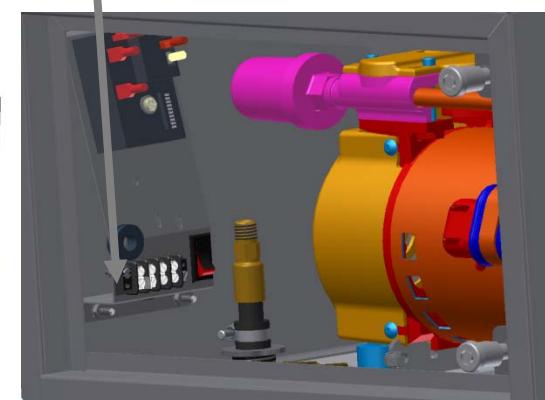
NUT INSTALLED
(4PL)



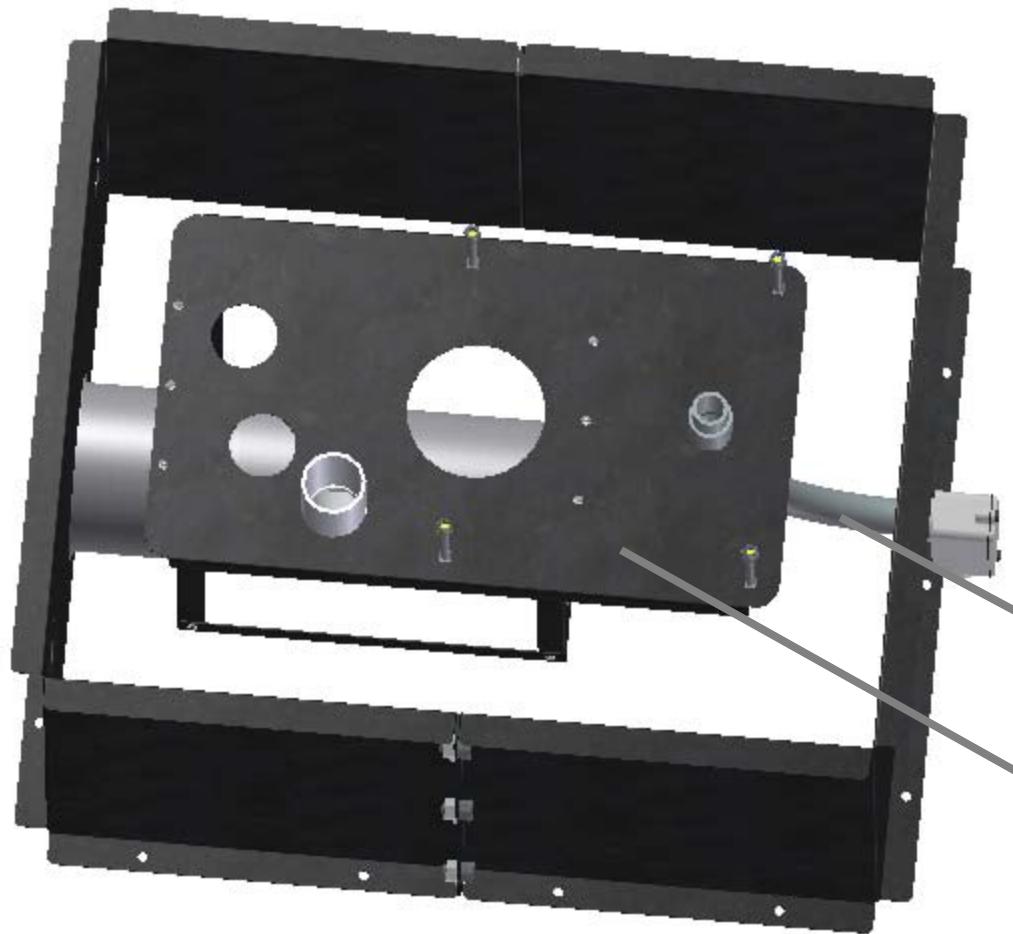
ELECTRICAL TO
BOTTOM OR BACK



- Place machine on top of pedestal and attach lock nuts to fasten cabinet.
- Run electrical to cabinet to either the bottom of cabinet or back of cabinet. There are knockouts in both locations to run conduit to.
- Connect wires from coin mech box into cabinet to coin location shown on wire diagram in manual.
- Incoming power then hooks to terminal strip just below timer. See wire diagram in machine manual for exact connection info.

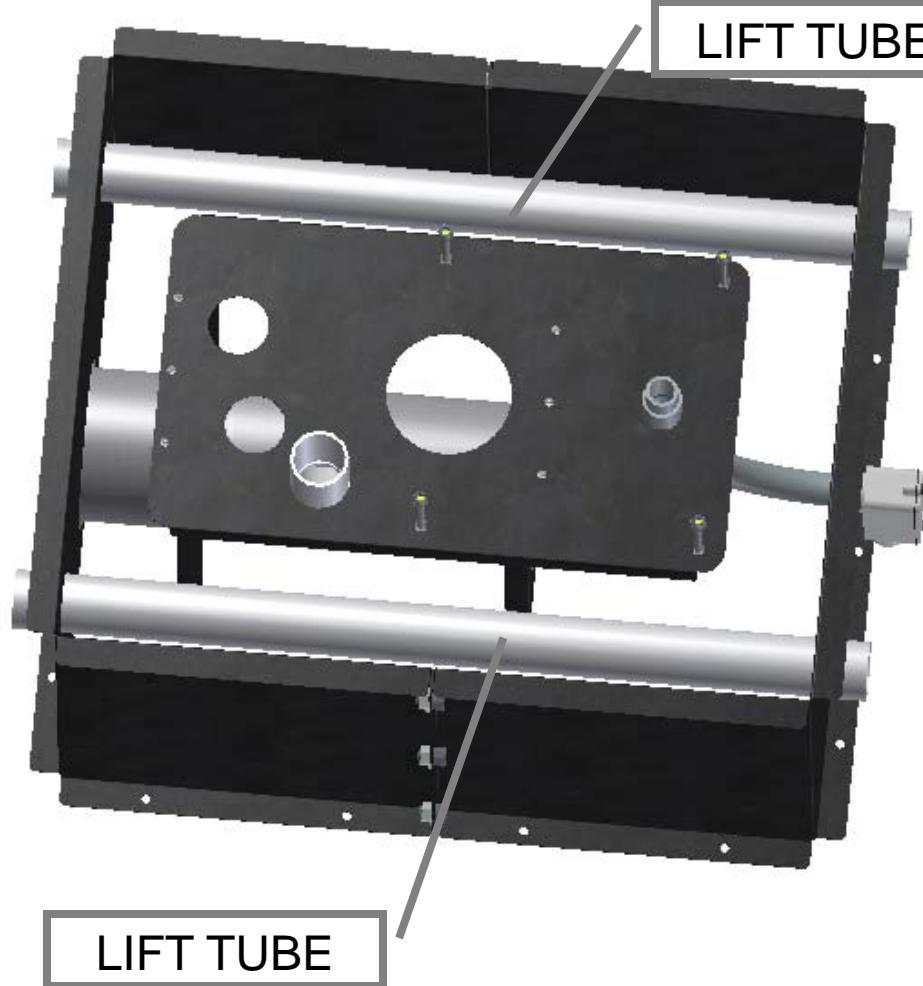


8685-3100A-2 INSTALLATION



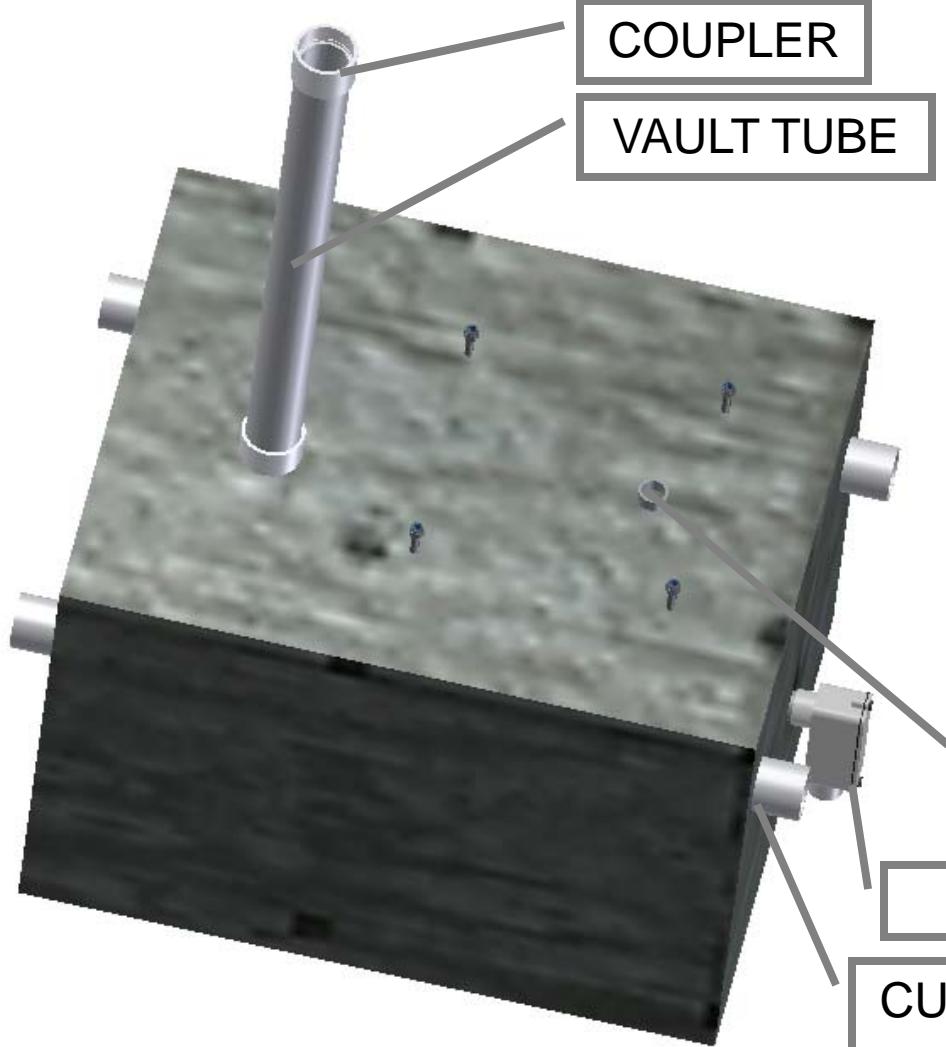
- Insert vault assembly into form.
- Place opening of vault over plug and press until it mates with form and tighten wing nut on front of form until the vault assembly is sealed and no movement is allowed.
- Insert 90 deg electrical conduit into hole in back side of form.

8685-3100A-2 INSTALLATION



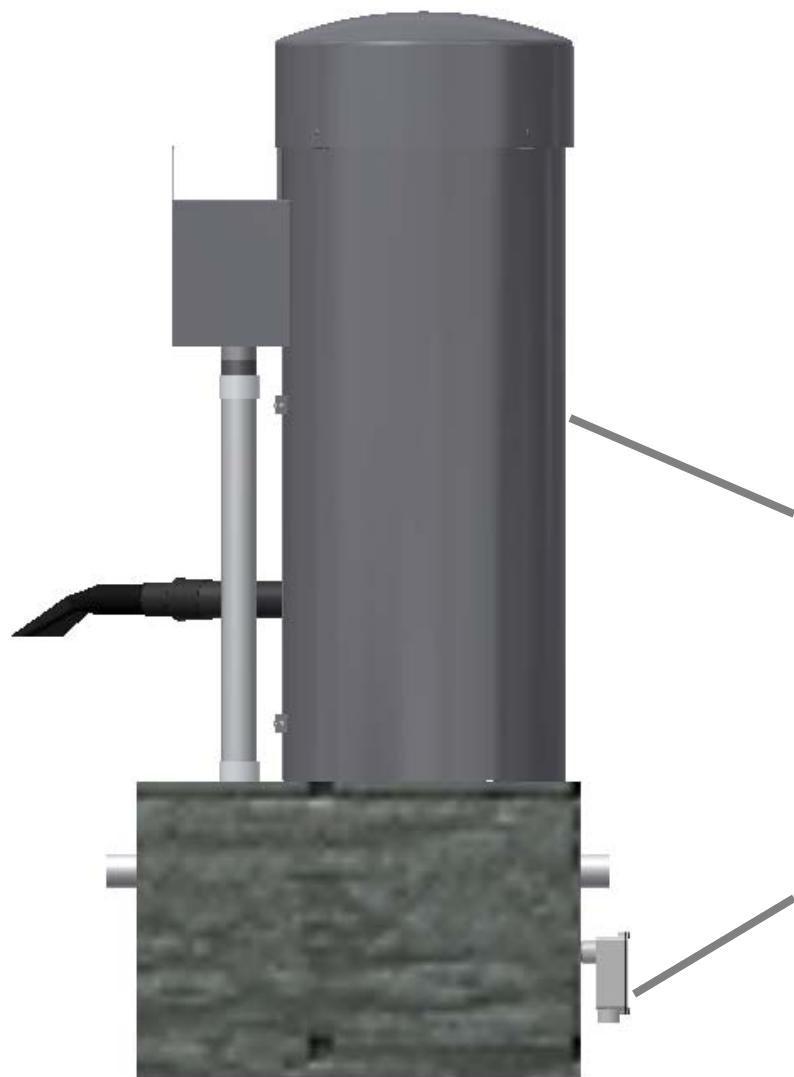
- Insert lift tubes into holes in form. Make sure there is approximately 2" sticking out each end.
- At this point it is recommended to coat the inside of the form with a light coat of oil. This will aid in keeping the form from sticking to the concrete and allow it to be removed easier.
- Duck tape or close up electrical and vault drop on top plate to prevent concrete from entering.
- Form is now ready for concrete. It is recommend using a highway grade mix for best results.
- Next pour in concrete and make sure to fill all the crevices with mix. A concrete vibe may also be used to make sure the mix spreads evenly. Do not over vibe or concrete may become to thin.
- Wait 24-48 hours to dry. When dry remove screws from deck and remove bolts from form. Loosen wing nut on front and slide panels off concrete block. Save forms for another pour.

8685-3100A-2 INSTALLATION



- Once form is removed the block should look like this.
- Next cut excess off lift tubes to be flush with concrete. (4pl)
- Open up vault door and clean out any water or concrete residue from the inside of vault.
- Run incoming wire to junction box in back. Run wire thru tube up to top of block.
- Attach vault drop tube and coupler.
- **Note on some ADA units provided vault tube may have to be cut to size.**

STD 2 DOOR OR AIR VAC VAULT READY INSTALLED

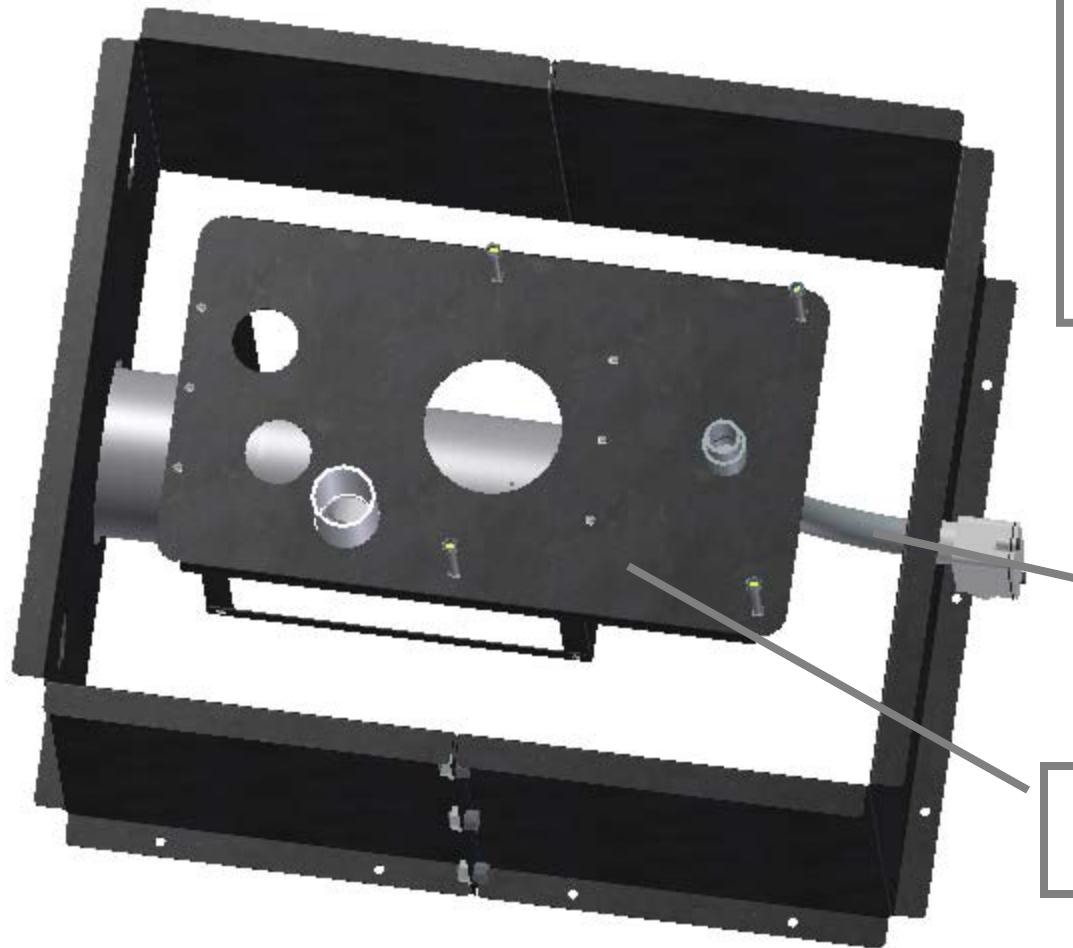


- Run wiring up front channel to either control box or top depending on type of unit.
- Mount unit to concrete.
- Attach vault tube cover (not shown)

VACUUM OR AIR VACCUM

INCOMING
POWER

8685-3100A-3 INSTALLATION

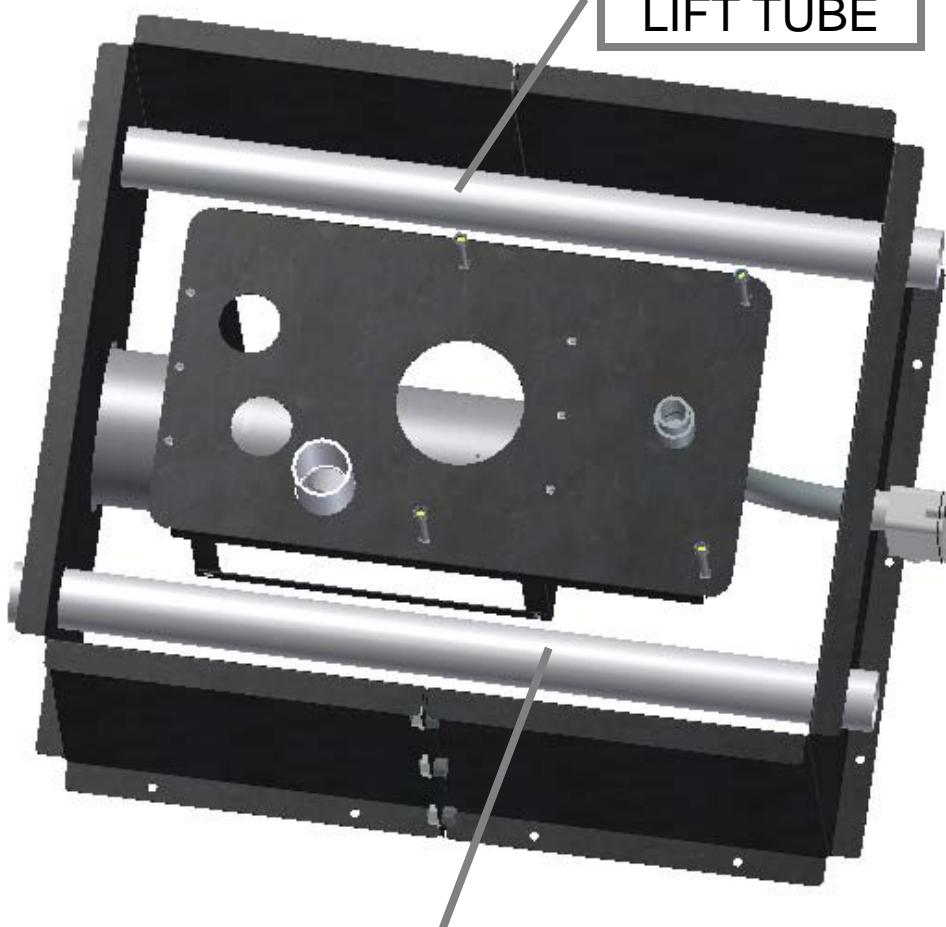


- Insert vault assembly into form.
- Place opening of vault over plug and press until it mates with form and tighten wing nut on front of form until the vault assembly is sealed and no movement is allowed.
- Insert 90 deg electrical conduit into hole in back side of form.

ELECTRICAL CONDUIT

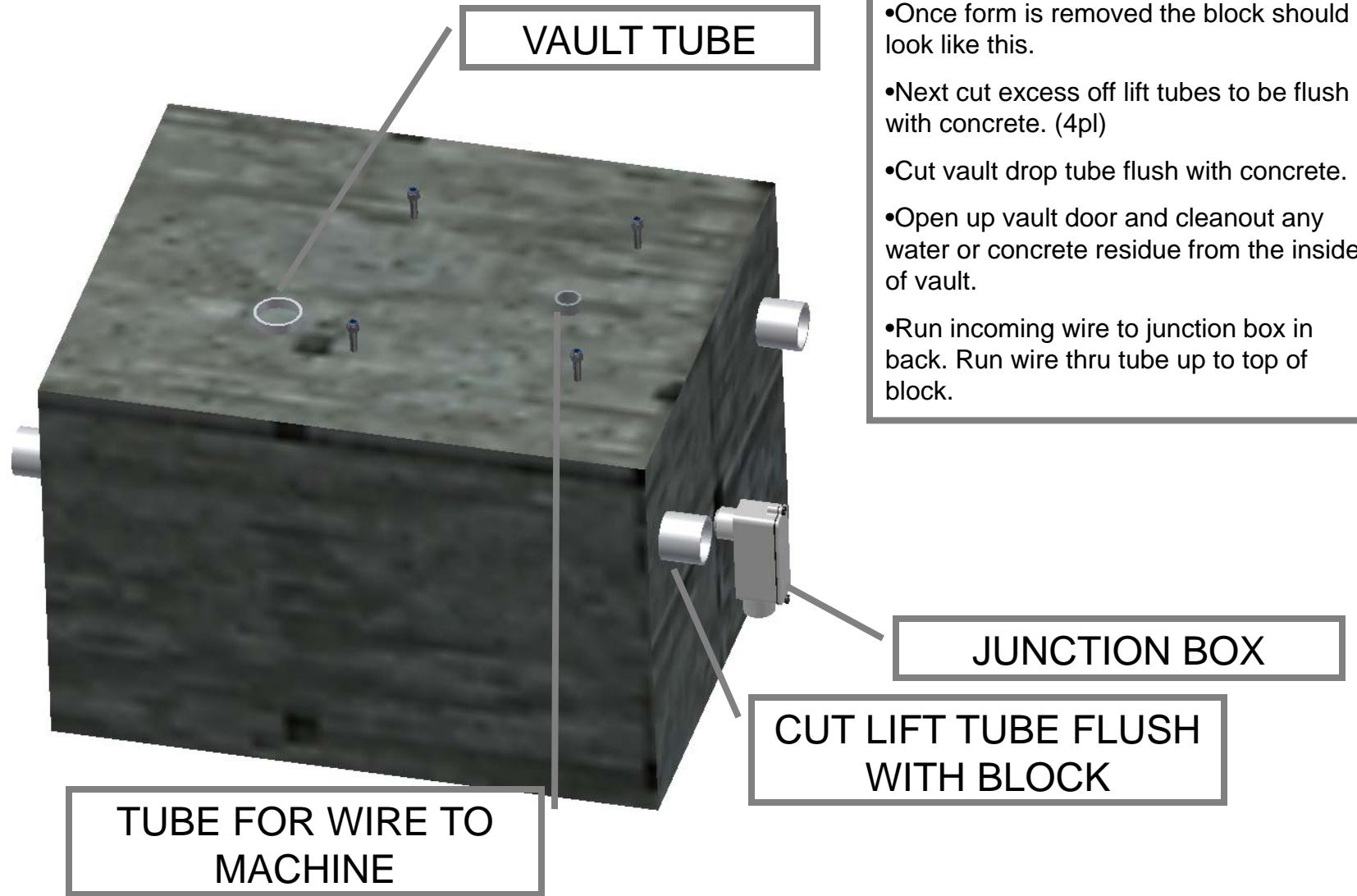
8685-3100A-3 VAULT
ASSEMBLY

8685-3100A-3 INSTALLATION



- Insert lift tubes into holes in form. Make sure there is approximately 2" sticking out each end.
- At this point it is recommended to coat the inside of the form with a light coat of oil. This will aid in keeping the form from sticking to the concrete and allow it to be removed easier.
- Duck tape or close up electrical and vault drop on top plate to prevent concrete from entering.
- Form is now ready for concrete. It is recommend using a highway grade mix for best results.
- Next pour in concrete and make sure to fill all the crevices with mix. A concrete vibe may also be used to make sure the mix spreads evenly. Do not over vibe or concrete may become to thin.
- Wait 24-48 hours to dry. When dry remove screws from deck and remove bolts from form. Loosen wing nut on front and slide panels off concrete block. Save forms for another pour.

8685 Vault Installation Instructions



29K SERIES VAULT READY INSTALLED

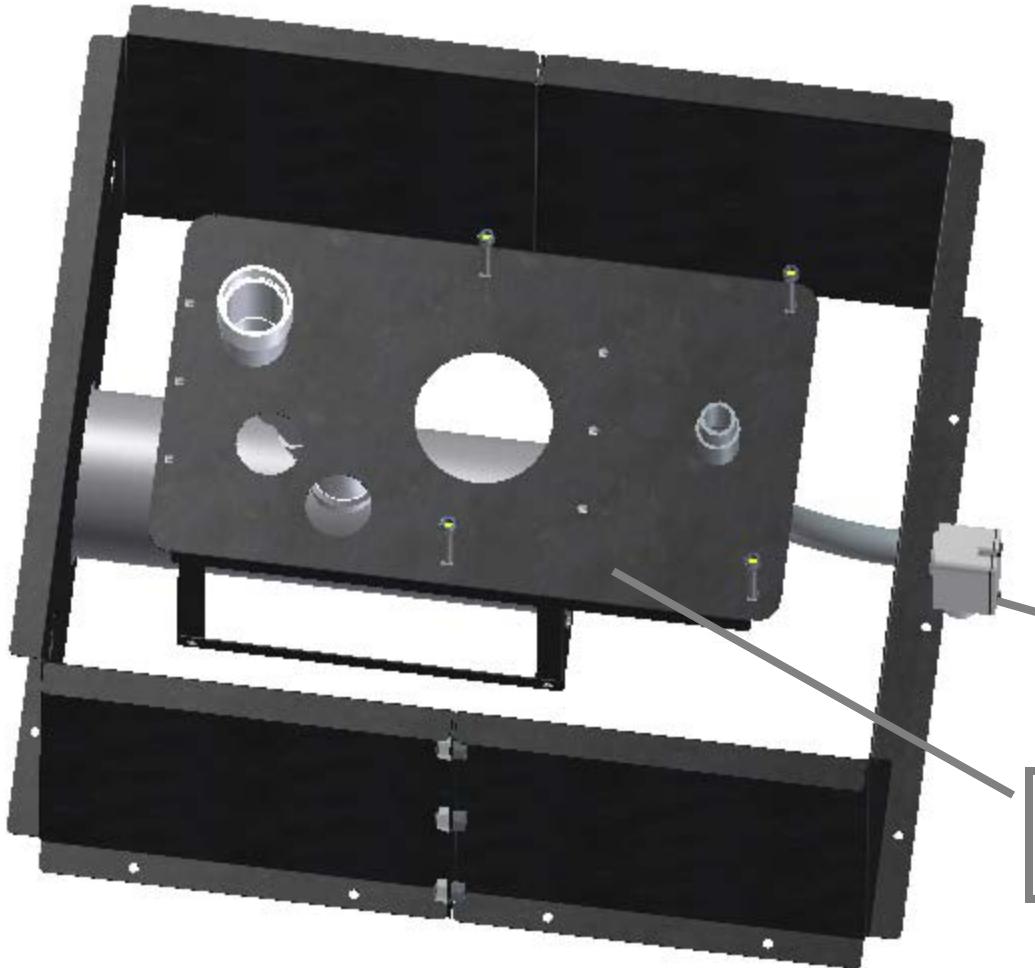


29K SERIES UNIT

INCOMING POWER

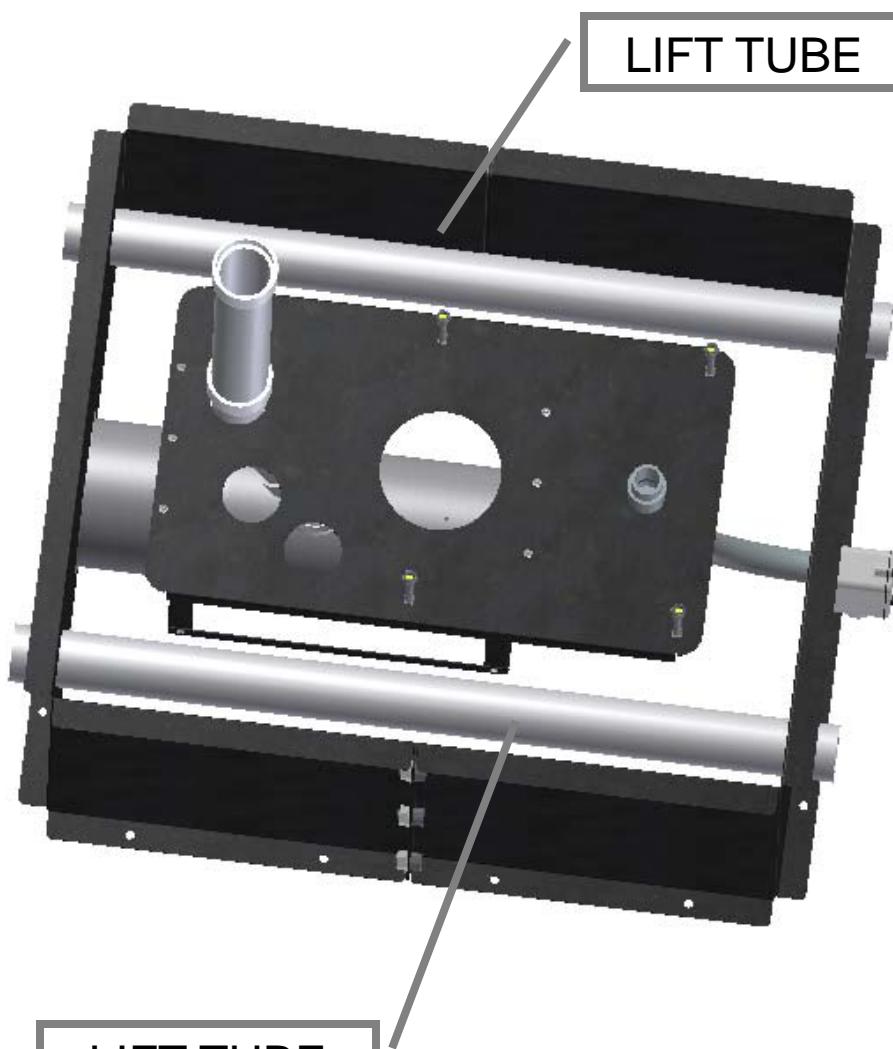
- Attach incoming wire to wiring located underneath unit.
- Mount unit to concrete.

8685-3100A-4 INSTALLATION



- Insert vault assembly into form.
- Place opening of vault over plug and press until it mates with form and tighten wing nut on front of form until the vault assembly is sealed and no movement is allowed.
- Insert 90 deg electrical conduit into hole in back side of form.

8685-3100A-4 INSTALLATION



- Insert lift tubes into holes in form. Make sure there is approximately 2" sticking out each end.

- At this point it is recommended to coat the inside of the form with a light coat of oil. This will aid in keeping the form from sticking to the concrete and allow it to be removed easier.

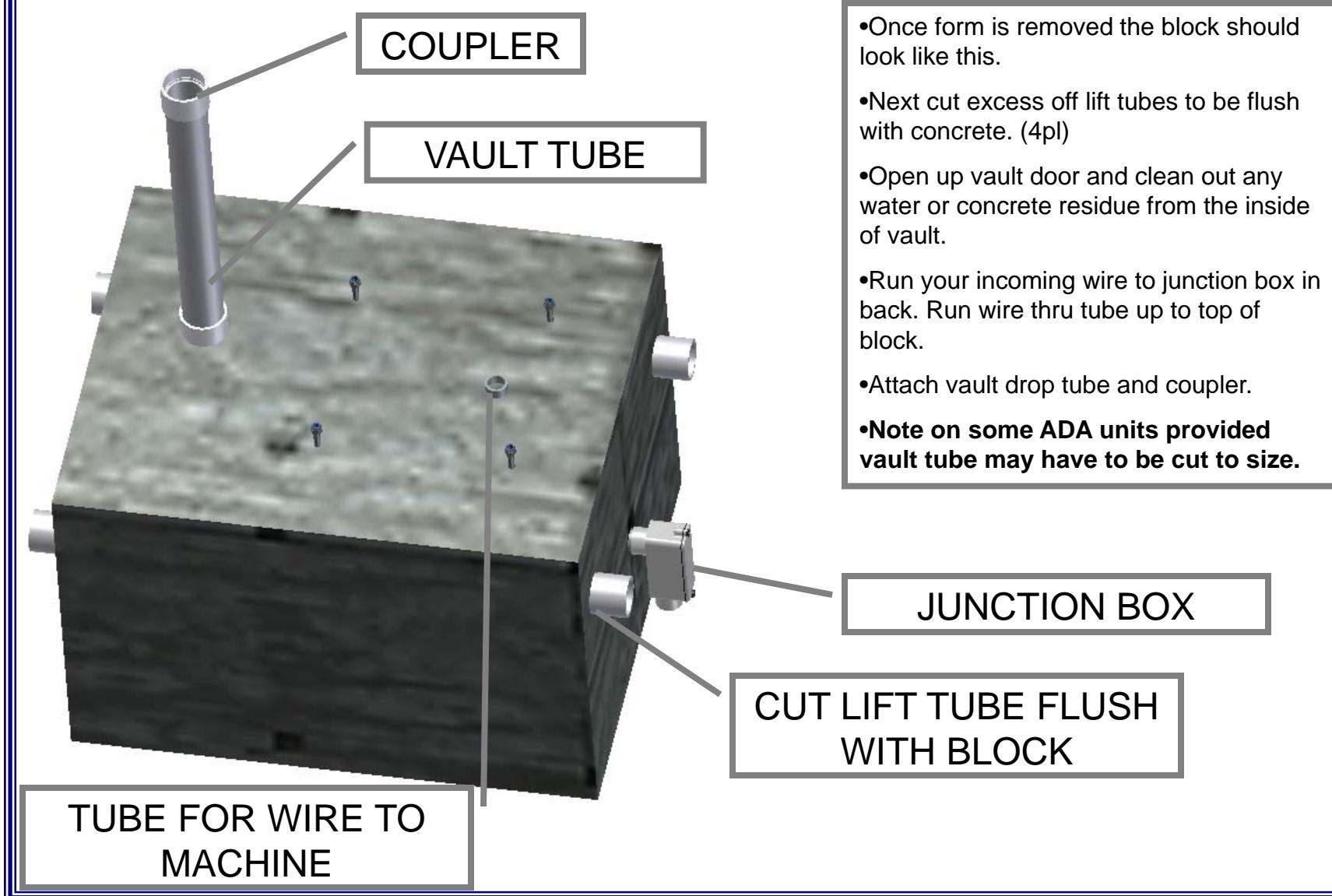
- Duck tape or close up electrical and vault drop on top plate to prevent concrete from entering.

- Form is now ready for concrete. It is recommend using a highway grade mix for best results.

- Next pour in concrete and make sure to fill all the crevices with mix. A concrete vibe may also be used to make sure the mix spreads evenly. Do not over vibe or concrete may become to thin.

- Wait 24-48 hours to dry. When dry remove screws from deck and remove bolts from form. Loosen wing nut on front and slide panels off concrete block. Save forms for another pour.

8685-3100A-4 INSTALLATION



STD 2 DOOR LONG BOX VAULT READY SERIES INSTALLED

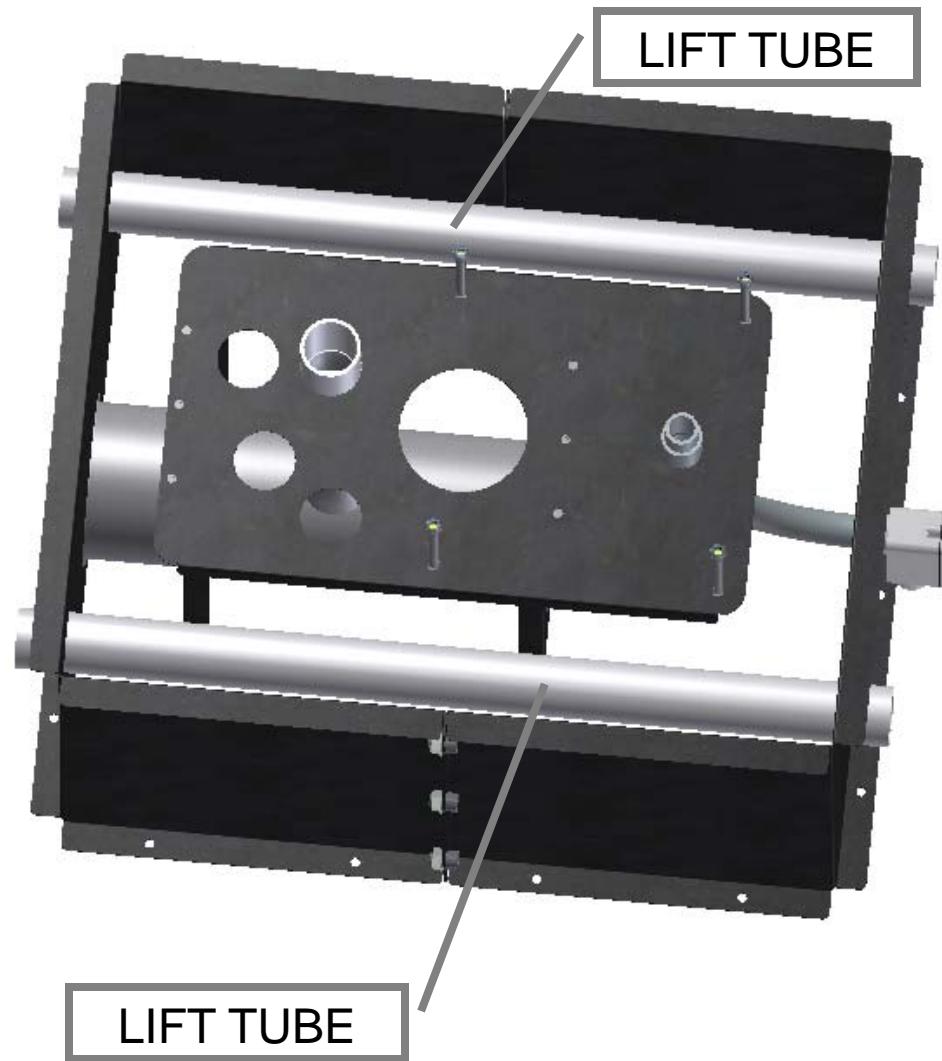


- Run wiring up front channel to either control box or top depending on type of unit.
- Mount unit to concrete.
- Attach vault tube cover (not shown)

VACUUM OR AIR VACCUM

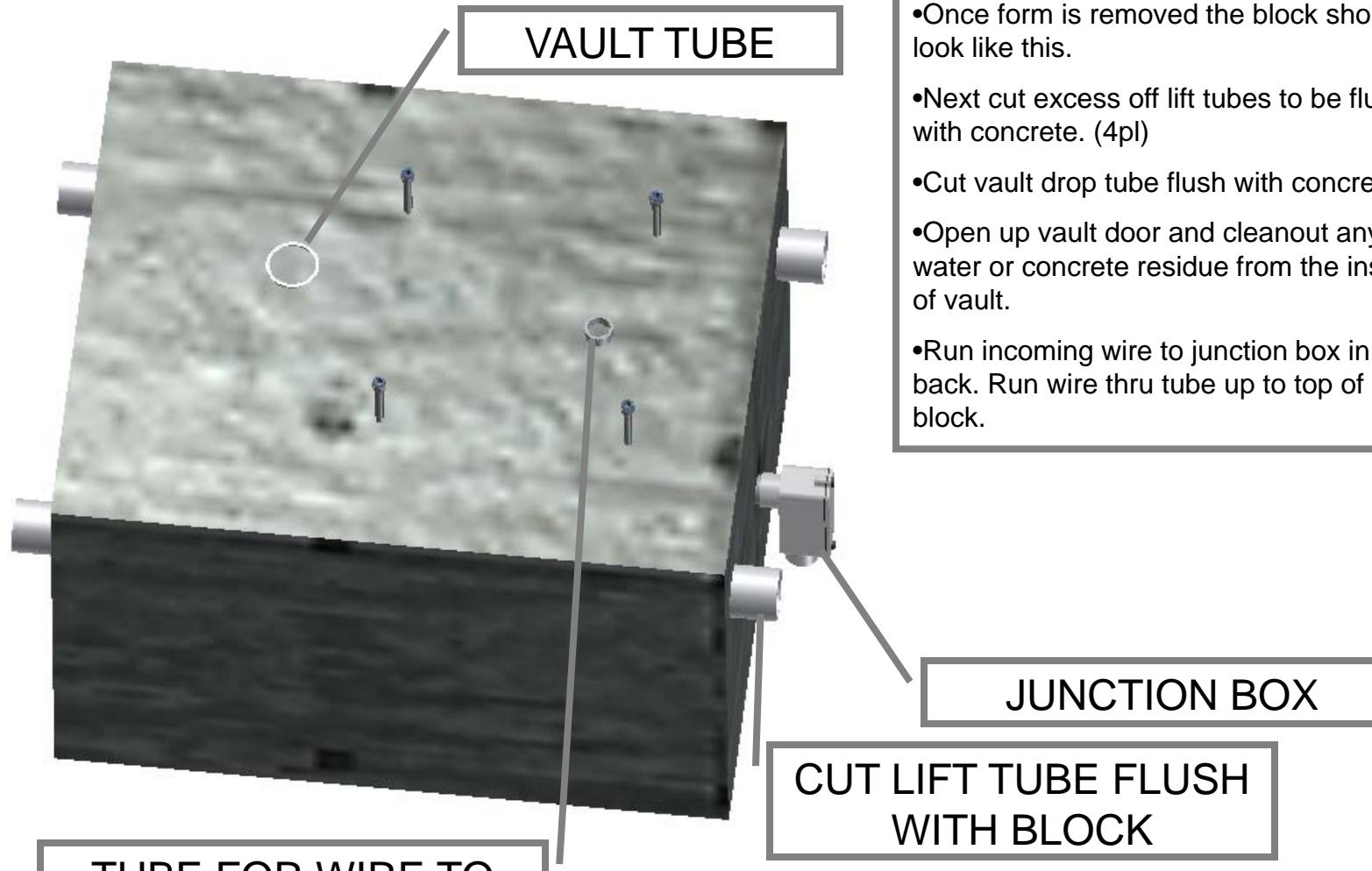
INCOMING
POWER

8685-3100A-6 INSTALLATION



- Insert lift tubes into holes in form. Make sure there is approximately 2" sticking out each end.
- At this point it is recommended to coat the inside of the form with a light coat of oil. This will aid in keeping the form from sticking to the concrete and allow it to be removed easier.
- Duck tape or close up electrical and vault drop on top plate to prevent concrete from entering.
- Form is now ready for concrete. It is recommend using a highway grade mix for best results.
- Next pour in concrete and make sure to fill all the crevices with mix. A concrete vibe may also be used to make sure the mix spreads evenly. Do not over vibe or concrete may become to thin.
- Wait 24-48 hours to dry. When dry remove screws from deck and remove bolts from form. Loosen wing nut on front and slide panels off concrete block. Save forms for another pour.

8685 Vault Installation Instructions



8900 & 9500 SERIES VAULT READY INSTALLED

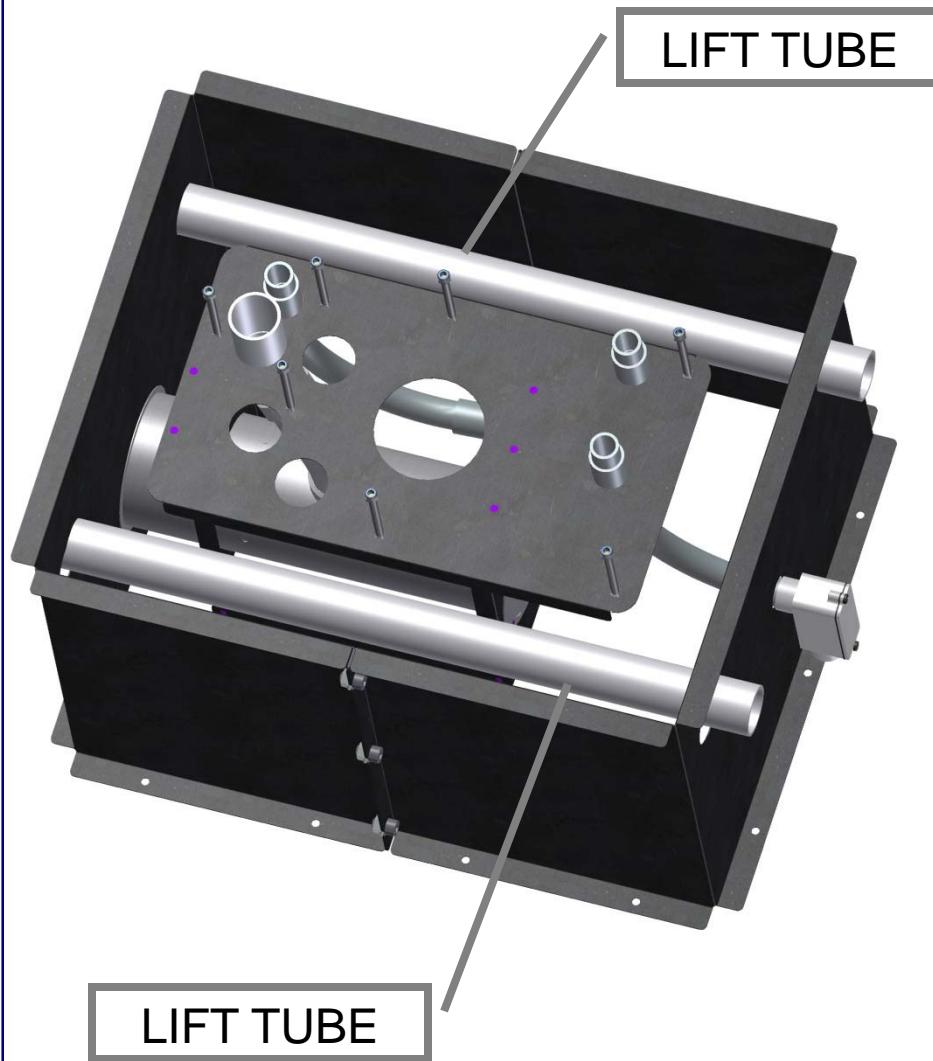


8900 SERIES UNIT

- Attach incoming wire to wiring located underneath unit.
- Mount unit to concrete.

INCOMING POWER

8685-3100A-7 INSTALLATION

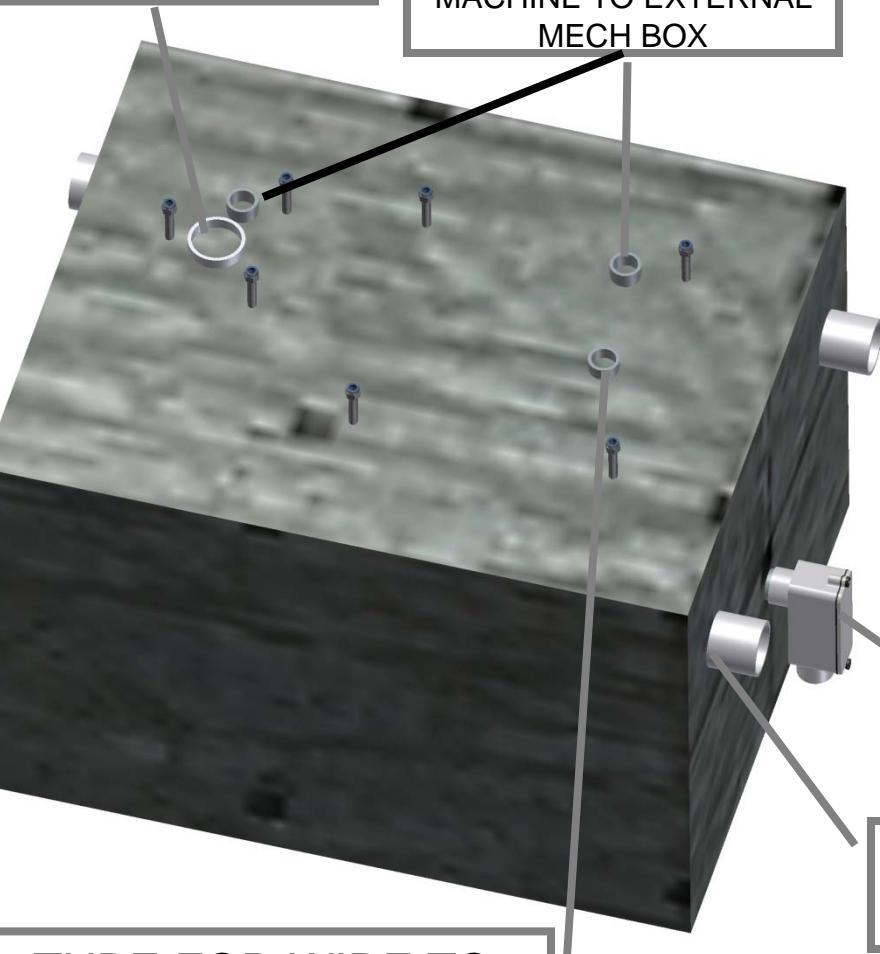


- Insert lift tubes into holes in form. Make sure there is approximately 2" sticking out each end.
- At this point it is recommended to coat the inside of the form with a light coat of oil. This will aid in keeping the form from sticking to the concrete and allow it to be removed easier.
- Duck tape or close up electrical and vault drop on top plate to prevent concrete from entering.
- Form is now ready for concrete. It is recommend using a highway grade mix for best results.
- Next pour in concrete and make sure to fill all the crevices with mix. A concrete vibe may also be used to make sure the mix spreads evenly. Do not over vibe or concrete may become to thin.
- Wait 24-48 hours to dry. When dry remove screws from deck and remove bolts from form. Loosen wing nut on front and slide panels off concrete block. Save forms for another pour.

8685-3100A-7 INSTALLATION

VAULT TUBE

COIN MECH WIRE FROM
MACHINE TO EXTERNAL
MECH BOX



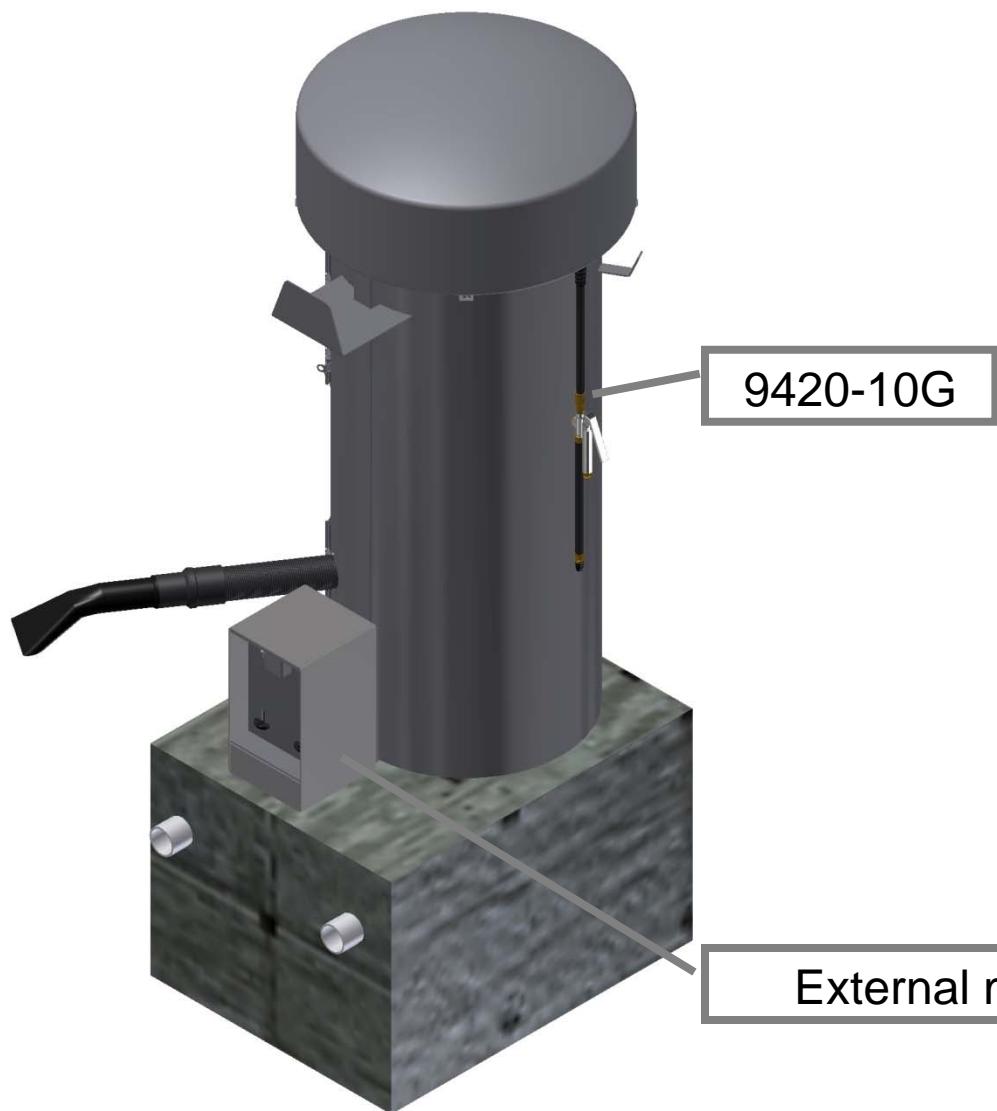
TUBE FOR WIRE TO
MACHINE

- Once form is removed the block should look like this.
- Next cut excess off lift tubes to be flush with concrete. (4pl)
- Cut vault drop tube flush with concrete.
- Open up vault door and cleanout any water or concrete residue from the inside of vault.

JUNCTION BOX

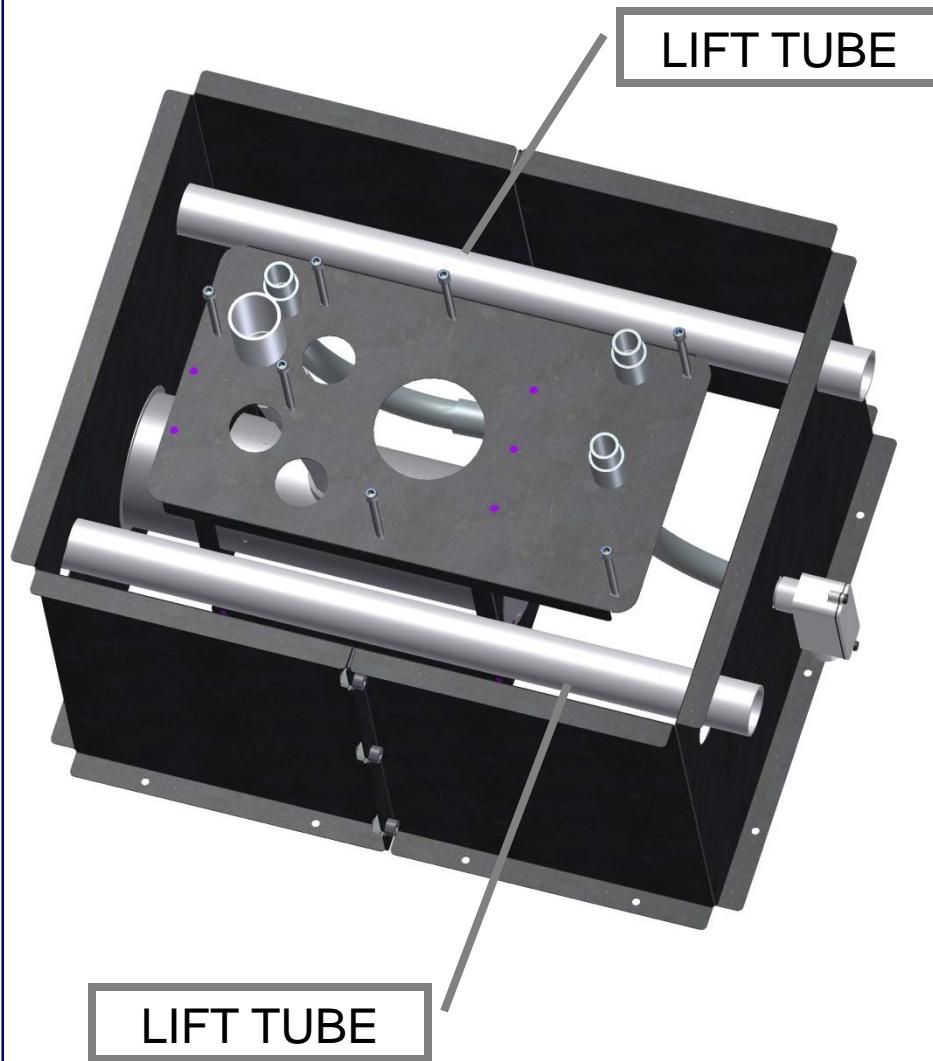
CUT LIFT TUBE FLUSH
WITH BLOCK

9420-10G INSTALLED ON 8685-3100A-7



- This unit is supplied with incoming wire for vac and air.
- Before placing unit lift unit into place above concrete. Take the incoming wires located on bottom of machine and run down the electrical tube until all wires reach the electrical box on back of block. This unit requires two separate services. One 10amp for air and one 20amp for vac.
- Run the wires provides for the external box and connect to the coin mech. The other end of the wire is to be connected to the 2 connectors located on the bottom of machine. Make sure each connector matches wire colors exactly.
- Then place unit and box and attach with nuts provided.

8685-3100A-8 INSTALLATION



- Insert lift tubes into holes in form. Make sure there is approximately 2" sticking out each end.

- At this point it is recommended to coat the inside of the form with a light coat of oil. This will aid in keeping the form from sticking to the concrete and allow it to be removed easier.

- Duck tape or close up electrical and vault drop on top plate to prevent concrete from entering.

- Form is now ready for concrete. It is recommend using a highway grade mix for best results.

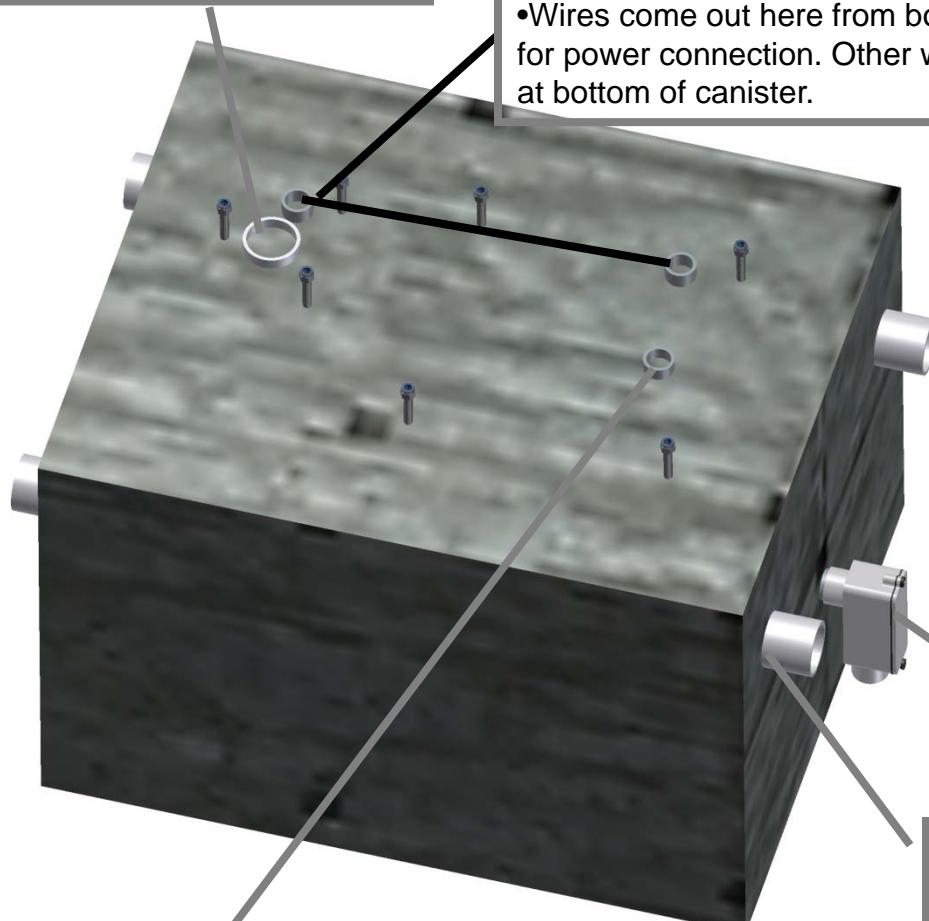
- Next pour in concrete and make sure to fill all the crevices with mix. A concrete vibe may also be used to make sure the mix spreads evenly. Do not over vibe or concrete may become to thin.

- Wait 24-48 hours to dry. When dry remove screws from deck and remove bolts from form. Loosen wing nut on front and slide panels off concrete block. Save forms for another pour.

8685-3100A-8 INSTALLATION

VAULT TUBE

- When attaching box. Run power wires, vac and compressor wire thru here.
- Wires come out here from box. Run power wires from conduit to out going conduit for power connection. Other wire with Wago connectors get attached to the wires at bottom of canister.

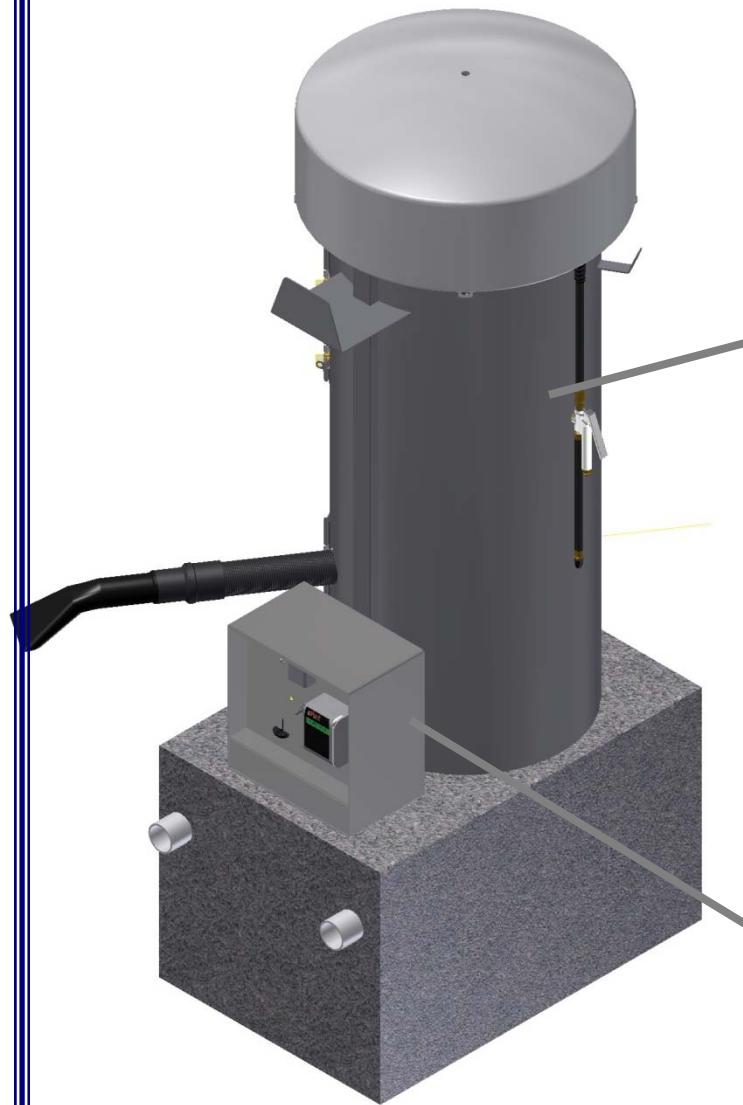


- Once form is removed the block should look like this.
- Next cut excess off lift tubes to be flush with concrete. (4pl)
- Cut vault drop tube flush with concrete.
- Open up vault door and cleanout any water or concrete residue from the inside of vault.

JUNCTION BOX

CUT LIFT TUBE FLUSH
WITH BLOCK

9420-11G INSTALLED ON 8685-3100A-8



- This unit is supplied with incoming wire for vac and air.
- Before placing unit lift unit into place above concrete. Take the incoming wires located on bottom of machine and run down the electrical tube until all wires reach the electrical box on back of block. This unit requires (1) 20amp service.
- Run the wires provides for the external box and connect to the coin mech. The other end of the wire is to be connected to the 2 connectors located on the bottom of machine. Make sure each connector matches wire colors exactly. See previous page for wire run.
- Then place unit and box and attach with nuts provided.