Checking Connections
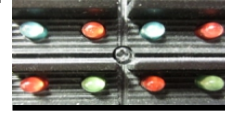
Some connections may be loosened during shipment and installation. If you experience display or communication issues after installation, please check the electrical and data connections inside of the display with the power off. These connections can be accessed in two ways:

1. Individual LED boards can be removed using a 1/8" Allen wrench. Insert the Allen wrench in the small(s) hole in the affected LED board, and twist it to the left about 1/4 turn to unlock the board. Carefully remove the LED board making sure not to dislodge any cables. If needed, the data and power cables can be disconnected from the back of the board.

2. The entire LED display cabinet can also be opened by removing the bolt connectors located on the bottom of the cabinet. An adjustable wrench can be used to remove these bolts. Once removed, the front of the display will open slowly on gas strut prop rods.

EBSCO Sign Group
1400 8th Street North
Clanton, AL 35045
1-800-237-3928

FCC Notice
All components have been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.
Operation of this device is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. The user is cautioned that any changes or modifications not expressly approved by the party responsible for FCC compliance could void the user's authority to operate the equipment.
Each sign will contain one of the following LED modules:
LED-10M-RGB-32X32P-320X320M, LED-16M-RGB-20X20P-320X320M, LED-20M-1RGB-16X16P-320X320M, LED-20M-1RGB-8x16P-160X320M, LED-20M-2R-8X16P-160X320M, LEDDM-10M-1RGB-32X32P-320X320M, LEDDM-10M-1RGB-32X32P-320X320M-2017, LEDDM-16M-2RGB-20X20P-320X320M, LEDDM-16M-2RGB-20X20P-320X320M-2017, LEDDM-20M-2RGB-16X16P-320X320M, LEDDM-20M-16X16P-320X320M-2017

Power Supply:
　　Meanwell RSP-320-5
Send Card:
　　SENDCARD-NS
Receive Card:
　　RECCARD-MRV560-NS
Control System
　　Industrial PC - Lanner HQ-LEC-7020D V1.TS128MSQ64V8U GB DDR2 (FCC certified)
Wireless Radios and Modems (If ordered):
　　Ubiquiti BulletM2HP with POE 24v (FCC Certified)
　　Sierra Wireless Airlink LS300 (FCC Certified)
　　Sierra Wireless R5-S1-10   RV-50 (FCC Certified)

Stewart Signs

Thank you for buying a Stewart Sign! Care has been taken to provide a quality product that will serve you well for many years. If for any reason you are not entirely satisfied with your new sign, please contact our Customer Support Department at 1-855-841-4624. Welcome to the family of thousands of satisfied Stewart sign owners.

Lifting Brackets

1. Remove eye bolt and washer from top of sign.

2. Replace eye bolt with the colored replacement bolt and 2 washers (1 metal on top and 1 rubber on bottom) included inside plastic bag with touch-up paint.

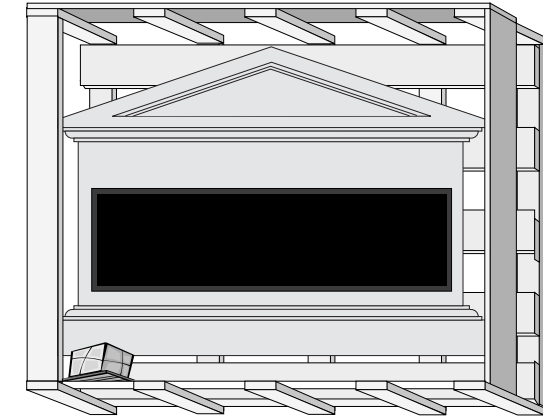3. Tighten the replacement bolt to ensure water doesn't leak into the sign.

Support

If you require further assistance, consult your Owner's Manual or contact our Customer Support team at
1 - 8 5 5 - 8 4 1 - 4 6 2 4
All Stewart Signs include online and phone support. Sign Command software training and parts replacement assistance is available upon request.

For the owner's manual, installation video and software information, please visit: www.stewartsigns.com/support/daystar

Visible Damage

Your signature on the delivery slip is verification that you received the product in good condition. If there is visible damage, refuse the shipment. Have the driver note the nature and extent of damage on the carrier's copy and the delivery copy of the freight bill. See your owner's manual for details.

If your shipment is damaged contact Stewart Signs immediately at 1-855-841-4624.

Storage

If you will not be installing your sign immediately after receiving it, please store your sign in an upright position. Do not lay it flat, upside down or on its side when storing. You may lean the sign against a wall at a slight angle.

What's Included

Fasteners needed for installation (lifting brackets)

1-Can of touch up paint to match your sign

For Wireless Options Only:

1-External Antenna

1- Base or Building end Radio

Tools Needed

⊕ #2 Phillips Screwdriver

⬢ 5/16 Hex Nut Driver and 1/4 Hex Nut Driver

⬡ T-25 Torx Bit

⬢ 1/8 Allen Wrench

Electrical

Stewart Signs requires a licensed electrician for all electrical work.
120VAC wires are black, green, & white. 240 VAC wires are black, red, green, & white.

WARNING: The electrical source and the data/communication line cannot share the same conduit, as this may result in data transmission errors.
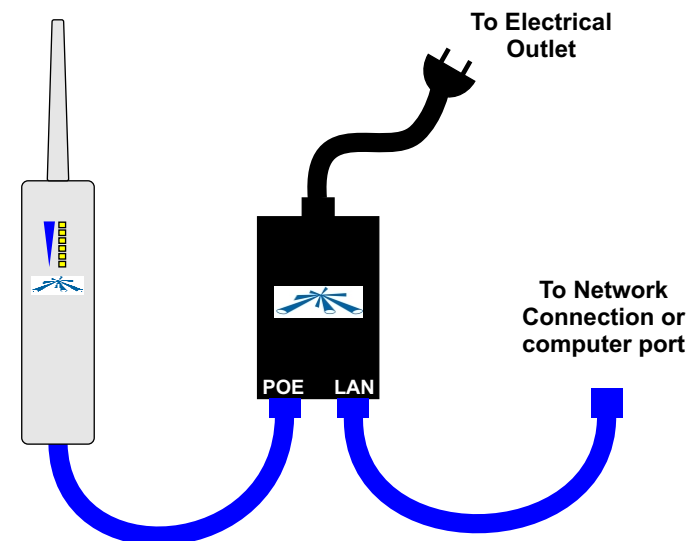
Communication Devices

Cornerstone EXP signs with the short-range wireless option are equipped with an industry-leading Ubiquiti© PicoStation© (Figure 1) receiver for wireless communication.

Your Cornerstone EXP sign may also come with a separate black receiver antenna. If this part has been shipped separately, attach it to the sign by screwing it into the receiver port. (Typically located on the side of the sign). Point the antenna straight up for best signal reception.

For best connectivity, direct line-of-sight between the receiver and the Cornerstone EXP sign is required.
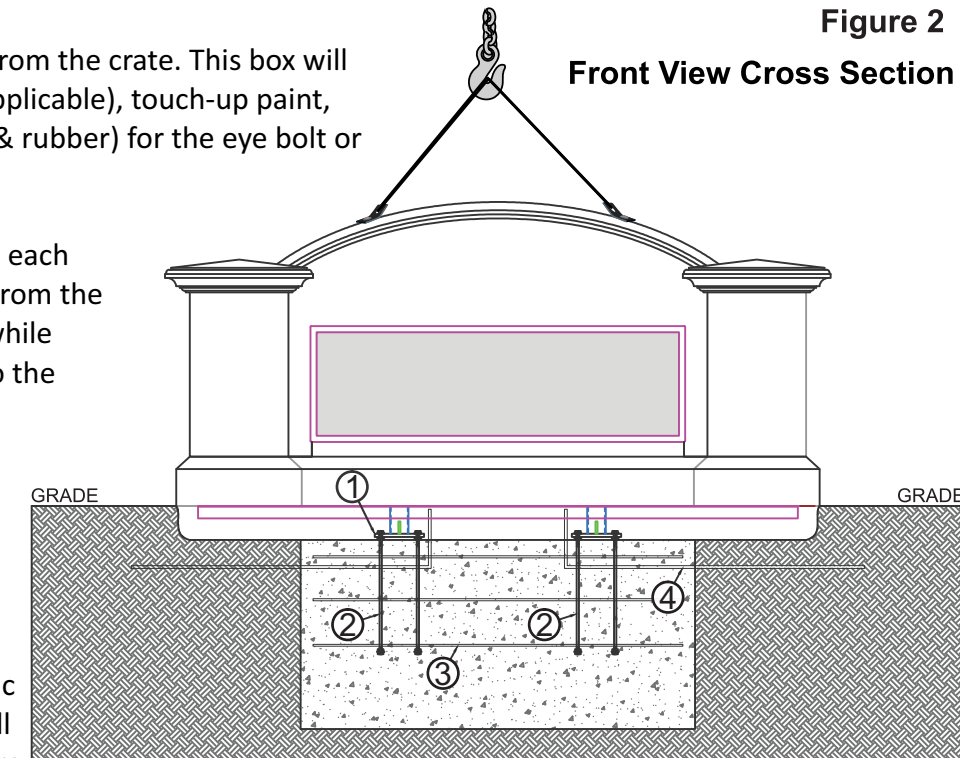
Figure 1

To Electrical Outlet

To Network Connection or computer port

POE   LAN

Monument Mount

1. Locate and remove the cardboard box from the crate. This box will contain your wireless components (if applicable), touch-up paint, replacement bolts and washers (metal & rubber) for the eye bolt or lifting brackets.

2. Remove the wooden crate from around each component. The sign must be secured from the lifting brackets with lifting equipment while removing the crate. Leave it attached to the bottom pallet.

3. Verify that the bottom nuts and washers on the anchor bolts are level both front to back and side to side ***BEFORE*** you install the sign.

4. Orient each component with the electric coming into your footer. The electric will run through the inside of the sign. There will be an access plate on the lower portion of the leg to allow the electrician to access the wires to make the connection. If your sign's communication will be via Ethernet connection, there will be an access plate on the lower portion of the opposite leg to make the data connection. Electric wires coming from the bottom of the display component are taped.

5. Lift the sign onto the anchor bolts and immediately place the upper washers and nuts on the anchor bolts. Double check that the support structure is level, adjust as necessary and tighten the top nuts.

6. There will be one set of electrical lines per side for the LED display. Each set requires a dedicated circuit. Please refer to your sign quote or order form for the specific electrical requirements of your sign model.

7. If applicable, perform the same action with the Ethernet data cable in the opposite leg.

8. The anchor bolts will be below grade, as a final step, back fill the sign with a light material such as mulch. It is recommended that you do not fill this area with dirt.

Figure 2

Front View Cross Section

GRADE

GRADE

FOOTER DETAIL
1. BASE PLATES, 2 REQUIRED
2. THREADED ROD, 8 REQUIRED TAPE THE EXPOSED TOP OF THE THREADED RODS FOR PROTECTION AGAINST CONCRETE.
3. #5 REBAR OR BETTER, TIED AT EACH JOINT
4. CONDUIT, SUPPLIED BY THE CUSTOMER

NOTES
• 3,000 PSI CONCRETE