Installation Manual

Fairbanks Livestock Scale Bars

51713
Rev. 1 4/2026

Disclaimer

Every effort has been made to provide complete and accurate information in this manual. However, although this manual may include a specifically identified warranty notice for the product, Fairbanks Scale makes no representations or warranties with respect to the contents of this manual and reserves the right to make changes to this manual without notice when and as improvements are made.

Fairbanks Scale shall not be liable for any loss, damage, cost of repairs, incidental or consequential damages of any kind, whether or not based on express or implied warranty, contract, negligence, or strict liability arising in connection with the design, development, installation, or use of the scale.

Amendment Record

Document 51713

Revision #	Date	Update
Revision 1	04/2026	Initial release

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1.0 GENERAL INFORMATION

1.1. INTRODUCTION

Fairbanks Livestock Scale Bars are designed to provide accurate and reliable weighing for livestock and agricultural applications. This manual provides installation, calibration, service, and safety instructions necessary for proper operation.

1.2. SPECIFICATIONS

Total System Capacity	*5,000 lbs*
Bar Length	*39”*
Bar Width	*6”*
Height (Including Installed Feet)	*4.7”*
Construction	*Mild Steel*
Finish	*Powder Coated, Fairbanks Blue*
Foot Assembly	*8” Square*

1.3. LOAD CELL SPECIFICATIONS

Load Cell Capacity	*2,500 lbs*
Load Cell Construction	*Nickel Plated, Alloy Steel, Single-Ended Shear Beam**
Load Cell IP Rating	*IP67, Environmentally Sealed*
Load Cell Output	*3mV/V ± 0.25%*
Safe Overload	*150%*
Safe Sideload	*100%*
Ultimate Overload	*300%*
Output Resistance	*350Ω ± 3Ω*
Temperature Range	*–10°C to 50°C (14°F to 122°F)*
FM Approved	*Yes*
Load Cell Approvals	*NTEP***

*Stainless Steel load cells are available. Contact your local Fairbanks representative for details.

**Although the load cells are NTEP approved, the Scale Bars are not legal for trade.

1.4. MODELS

Part Number	Description
40645	*Two (2) Scale Bars, One (1) SS Junction Box*
40857	*One (1) Scale Bar*
40835	*One (1) 8" Square Scale Foot Assembly*
67171M	*One (1) SS Junction Box*

1.5. ACCESSORIES & OPTIONS

Part Number	Description
17216	Standard Homerun Cable (Priced per foot). Specify the desired length of cable going from junction box to instrument on order.
29878	Rodent-Resistant SS Armored Homerun Cable (Priced per foot) Upgraded homerun cable with protective armor helps to resist rodent damage. Specify the desired length of cable going from junction box to instrument on order.
40845	Screw Terminal Quick Disconnect The quick disconnect allows users to easily disconnect the instrument when not in use.

1.6. CUSTOMIZATIONS

For further customization, please contact a Fairbanks representative. Customization options include construction material, finish, length, capacity, bolt patterns, foot style and load cells.

2.0 GENERAL SERVICE POLICY

2.1. PRIOR TO INSTALLATION

- Verify that the Livestock Scale Bars satisfy the customer's application requirements, including weight capacity, chute compatibility, and intended use.
- Confirm that the installation surface is firm, level, stable, and capable of supporting the combined weight of the bars, chute, and anticipated livestock loads.
- If the application exceeds the product's specifications and cannot be modified according to manufacturer guidance, installation must not be attempted.

2.2. ENVIRONMENTAL PROTECTION

- Install and maintain the equipment to minimize exposure to excessive moisture, standing water, corrosive chemicals, mud, manure buildup, and livestock impact.
- Inspect the equipment regularly for mechanical wear, corrosion, cable damage, or load cell drift.
- Clean mud, manure, and debris regularly to maintain safe operation and long service life.

NOTE: ***Liquid tight flexible conduit (often referred to as "sealtight") is not included with the scale bars.*** *However, it should be used where wiring is exposed to moisture, wash-down conditions, animal contact, movement, or potential physical damage. Use is dependent on site conditions and applicable local electrical codes and may not be required for all installations.* ***Source locally.***

2.3. INSTALLATION AND OPERATIONAL RESPONSIBILITY

- The customer/operator is responsible for ensuring the equipment is used within specified parameters.
- The installing technician must verify proper operation of load cells, displays, and electrical connections prior to placing the system into service.
- All operators must be trained in equipment limitations, safe livestock handling procedures, and weight capacity restrictions.
- Electrical connections must only be made as specified by the manufacturer or instrument manual.
- The technician should recommend a component layout that provides safe, practical, and efficient installation.

2.4. WARRANTY POLICY

The warranty applies to equipment installed and operated according to manufacturer guidelines.

Warranty does not cover damage resulting from:

- Overloading
- Improper installation
- Unauthorized modification
- Environmental neglect
- Improper welding procedures
- Misuse or abuse

Only authorized personnel may perform service affecting warranty coverage.

This list of exclusions is not exhaustive. For a comprehensive overview of your rights and limitations, please consult the full warranty documentation. It contains essential details regarding coverages and exclusions.

2.5. USER'S RESPONSIBILITY

- All required calibrations and mechanical adjustments necessary to meet accurate specifications are part of installation.
- The owner is responsible for documenting and reporting shipping damage to the carrier.
- The owner/operator is responsible for:
    - Ensuring installation on a stable, level surface
    - Maintaining structural integrity of chute mounting
        - Scale Bars are designed to connect to the cattle chute at the mounting plates shown below. The weight should transfer vertically from the structural members of the cattle chute to the mounting plates on the Scale Bar.

- Additional holes may be drilled through the plates per the drawing to attach the Scale Bars to the cattle chute.
- Adapter plates may be fabricated to allow for additional surface area for attaching the Scale Bar to the cattle chute. We recommend 0.25" thick steel plate for these adapters. See the drawing for the mounting plate outline and bolt pattern.
- All welding should be performed per the installation manual only after the load cells and junction box have been removed from the Scale Bar.
- WELDING IS ONLY ALLOWED ON THE MOUNTING PLATES AND FEET. The middle section of the Scale Bar is not designed for additional welding for load attachment.
- For complete load cell protection procedures during welding, refer to bulletin ***51721- Protecting Load Cells While Welding***.
- Scale Bars may be ordered in custom lengths to accommodate wider or more narrow chutes where the weight cannot be directly transferred through the mounting plates. Contact your Fairbanks Representative for more information.

- Protecting load cells, cables and junction boxes from damage.
- Preventing overloading.
- Conducting regular inspection and maintenance.
- Ongoing system cleaning.
- Training personnel in safe operation.

2.6. CONTROLLED INSTALLATION MODIFICATION

Certain physical modifications may be required for chute integration.

- Drilling or welding must maintain structural integrity and safe operation.
  - See notes above about maintaining the structural integrity of the Scale Bar when modifying for installation by drilling or welding.
- Modifications affecting load cells, junction boxes, or electrical components are not permitted.
- Unauthorized structural or electrical modifications may void warranty coverage.

Handling of Load Cells and Electrical Components

The Scale Bars contain precision load cells and sealed junction boxes.

- Avoid impact, crushing, excessive heat, or cable strain.
- Service or replacement must be performed by authorized technicians.
- Do not alter internal wiring.

2.7. WARNINGS AND SAFETY INFORMATION

The following warnings apply to installation, operation, maintenance, and service of the Livestock Scale Bars.

WARNING: Exceeding Maximum Load

Do not exceed the rated system capacity. Overloading may result in structural failure, permanent load cell damage, inaccurate readings, serious injury, or death.

WARNING: Moving or Unstable Loads

Livestock and other loads may shift unexpectedly.

Ensure:

- Bars are installed on a stable, level surface.
- The chute is securely fastened.
- The structure is properly supported.

Unstable installation may result in tipping, side loading, or structural stress.

WARNING: Operator Safety

- Keep hands, feet, and body parts clear of load-bearing components during installation and operation.
- Only trained personnel should operate the equipment.

WARNING: Welding Near Load Cells

- Do not apply heat or welding current directly to load cells, junction boxes, or cables.
- Do not allow welding sparks, slag, or molten metal to contact electrical components.
- Excessive heat or stray electrical current can permanently damage load cells.
- For comprehensive field procedures and a pre/post welding control checklist, refer to Bulletin ***51721 – Protecting Load Cells While Welding***.

Welding Procedures

When welding is required for chute installation:

1. Welding is ONLY allowed on the mounting plates and feet.
2. Disconnect all electrical connections to load cells and junction boxes.
3. Remove all load cells.
4. Shield cables from heat and sparks.
5. Restrict welding to structural components only.
6. Use short weld passes and allow cooling between passes.
7. Attach welding ground clamps away from load cell electronics.

8. Allow all components to cool before reconnecting power.
9. Inspect load cells and cables after welding.
10. Recalibrate the system following completion of welding.

CAUTION: Improper Welding

- Failure to follow approved welding procedures may result in equipment damage and void warranty coverage.
- See Bulletin ***51721 – Protecting Load Cells While Welding*** for complete field safety and welding control procedures.

3.0 INSTALLATION

3.1. PRE-INSTALLATION

3.1.1 SITE CHECKLIST

Before going to the site, confirm the following with the customer:

- Verify the application is within the Scale Bars' design, capacity, and intended use.
- Determine the chute or vessel type, size, and existing structure. Confirm whether existing bolt holes align or if modification (drilling/welding) will be required.
- Inform the customer if installation may disrupt operations.
- Confirm that personnel who will operate the Scale Bars are available for training.
- Identify required variations or adapters to accommodate the customer's chute or vessel.

3.1.2 UNPACKING

- Verify all components and accessories against the packing list and invoice.
- Inspect for shipping damage, report and order replacements if necessary.
- Retain shipping materials for future use.
- Inspect hardware, load cells, cables, and internal junction boxes for secure attachment and damage.

3.1.3 EQUIPMENT CHECKOUT

- Ensure the installation area is stable, level, and free of debris.
- Avoid proximity to strong magnetic fields or high-power equipment that could interfere with instrumentation.
- Do **not** apply load to the bars if any damage is visible.

3.2. POSITIONING AND INSTALLATION OF SCALE BARS

3.2.1 POSITIONING THE BARS

- Place the Scale Bars beneath the chute or vessel in their intended final location.
- Adjust spacing so the bars will support the chute evenly.
- Confirm the bars are level and sit firmly on the supporting surface.

3.2.2 CONTROLLED INSTALLATION MODIFICATIONS

Certain chute installations may require structural modification:

- **Bolt Alignment:** Use the bolt holes provided on the bars when possible.

- **Drilling/Welding:** If existing holes do not align, drilling or welding to accommodate the bars and chute frame is allowed, but must:
    - Be performed according to manufacturer guidance. Welding is ONLY allowed on the mounting plates and feet.
    - Maintain the structural integrity and safe operation of the bars.
    - Avoid heat or impact on load cells, junction boxes, or internal cables.
- Any changes outside these controlled installation adjustments — especially those affecting load cells or junction boxes — are unauthorized and will void the warranty.

3.2.3 WELDING PRECAUTIONS

When welding is necessary:

- Welding is ONLY allowed on the mounting plates and feet.
- Disconnect or shield all load cells, internal junction boxes, and cables before welding.
- Restrict welding to structural components only, well away from electrical components.
- Use short welds and allow cooling between passes to minimize heat transfer.
- Ground welding equipment away from load cell wiring to avoid stray electrical currents.
- Allow all components to cool completely before reconnecting cables.
- Refer to Bulletin ***51721 – Protecting Load Cells While Welding*** for complete field safety procedures.

3.2.4 LEVELING

- Adjust feet or other support points to ensure the bars are level in both fore-aft and side-to-side directions.
- Confirm the bars sit firmly without rocking or instability.

3.3. POSITIONING THE CHUTE OR VESSEL ON SCALE BARS

Step-by-Step Instructions

1. **Prepare the Site**
   - Ensure Scale Bars are level, stable, and free of debris.
   - Verify the supporting surface can carry the combined weight of bars, chute, and anticipated loads.
2. **Protect Electrical Components**
   - Confirm load cell cables and internal junction boxes are secure and shielded from impact.
3. **Lift and Place the Chute**
   - Use mechanical lifting equipment (forklift, hoist) for heavy or large chutes — do not slide or drop the chute onto the bars.
   - Slowly lower the chute, keeping it centered.
   - Align the chute with the bolt holes on the bars.

WARNING: Improper Rigging Hazard
Uneven chain lengths, excessive sling angles, or unstable lifting points can cause the chute to twist, swing, or drop suddenly. Sudden impact or side loading can permanently damage load cells and void the warranty. Improper rigging can result in dropped loads, equipment damage, serious injury, or death.

4. **Secure the Chute**
   - Bolt the chute where possible, tightening evenly to avoid twisting.
   - If welding is necessary for structural fitment, follow the welding precautions above and refer to Bulletin ***51721 – Protecting Load Cells While Welding***.
   - Confirm the chute remains level and stable after securing.
5. **Final Safety Check**
   - Inspect bars, load cells, junction boxes, and cables for undue stress, bending, or interference.
   - Test the system with a known static load or animal before full operation to ensure stability and accuracy.

3.4. INTERNAL LOAD CELLS AND JUNCTION BOXES

Each Scale Bar contains two internal load cells connected to an internal junction box within the bar.

The internal junction box in each bar combines the two load cells into a single output cable. The output cables from both bars:

- Typically connect to an external summing box, which then connects to the weighing instrument; or
- May be wired directly to compatible instruments that support multiple load cell inputs, eliminating the need for an external summing box.

The weighing instrument manufacturer's manual is the controlling authority for wiring, configuration, and calibration procedures.

Load Cell Cable and Junction Box Wire Color Coding

- **Red:** + Excitation
- **Black:** − Excitation
- **Green:** + Signal
- **White:** − Signal
- **Shield (Bare):** Cable shield/ground

Important:

- Do not modify or tamper with internal junction boxes, load cell assemblies, or internal load cell wiring.
- Inspect cables for damage or interference before and after installation.
- Follow the instrument manufacturer's instructions for final connection and calibration — the instrument manual is the authority on wiring and calibration procedures.

4.0 CALIBRATION

Calibration must be performed after the chute is fully installed, secured, and all welding is complete. The chute structure becomes part of the system's deadload and must be included in the zero reference.

1. Verify Installation

- Confirm the chute is fully secured, level, and stable.
- Ensure that all load cell cables, junction boxes, and summing connections are complete.
- Make sure no tools, debris, or temporary supports remain on the scale.

2. Establish Zero (Dead Load Zero)

- With the chute installed and empty, zero the instrument according to the instrument manufacturer's instructions.
- This establishes the chute as part of the permanent tare weight.

3. Verify Load Cell Response (Corner/Section Check)

- Place a known test weight in the area supported by each bar sequentially.
- Observe the displayed weight to confirm proper response from each bar.
- If readings are inconsistent, adjust using the summing box (if used) or instrument setup features as directed by the instrument manual.

4. Span Calibration

- Apply test weights equal to at least 10%–25% of system capacity.
- Perform span calibration following the instrument's service manual.

NOTE: *Fairbanks Livestock Scale Bars are not NTEP approved and should not be used in legal-for-trade applications.*

5. Final Zero Check

- Remove all test weights.
- Verify the display returns to zero with the empty chute.
- Repeat checks, if necessary, before placing the scale into service.

5.0 MAINTENANCE

Routine maintenance is essential to ensure continued safe operation, weighing accuracy, and long service life of the Scale Bars system.

This product is designed for livestock and agricultural weighing applications. Improper use, overloading, environmental neglect, or unauthorized modification may result in injury, inaccurate weighing, or equipment failure.

5.1. INSPECTION SCHEDULE

Monthly:

- Visual inspection of both Scale Bars, mounting points, and fasteners
- Inspect load cell cables for abrasion, cuts, or pinch points
- Check internal and external junction box cable glands for tightness

Quarterly:

- Inspect structural integrity of bars, weld areas, and chute mounting points
- Verify bars remain level and properly supported
- Inspect summing box (if used) for moisture or contamination

After chute relocation, welding, or heavy impact:

- Inspect bars for bending, cracking, or distortion
- Inspect load cells and cable routing
- Verify zero and recalibrate if necessary

5.2. STRUCTURAL INSPECTION

- Examine bars, weld areas, and mounting brackets for cracking, corrosion, or deformation.
- Inspect bolt connections securing the chute to the bars.
- Ensure bars remain flat and fully supported on the installation surface.
- Immediately address loose hardware or structural damage.
- Replace severely damaged components — do not attempt structural straightening of bent load cell areas.

5.3. LOAD CELL AND JUNCTION BOX MAINTENANCE

Each Scale Bar contains two internal load cells connected to a small internal junction box.

Inspect the following:

- Load cell cables for abrasion, crushing, rodent damage, or heat damage.
- Cable exit points and strain relief fittings.
- Internal junction box seals (if accessible) for moisture ingress.
- External summing box (if used) for moisture, corrosion, or loose terminals.

IMPORTANT:

- Do not open internal junction boxes unless service is required.
- Do not apply sealants not approved by the manufacturer.
- Ensure all cable glands are tight and weather resistant.
- After any electrical service, recalibrate the system per the instrument manual.

5.4. CLEANING PROCEDURES

WARNING: *Do not use high-pressure wash equipment on or near load cells, cable exits, or junction boxes.*

- Clean bars using a damp cloth or low-pressure rinse.
- Remove mud, manure, and debris buildup regularly.
- Do not spray water directly at cable entry points or junction boxes.
- Avoid harsh acids or caustic cleaners that may degrade seals.
- Allow components to dry before returning to service if washed.

5.5. ENVIRONMENTAL AND SITE SAFETY

- Ensure bars are installed on a stable, well-drained surface.
- Avoid standing water around load cell areas.
- Prevent manure buildup around load cell feet.
- Protect cables from livestock chewing or crushing.
- Ensure all operators are trained in proper livestock handling and scale safety procedures.

5.6. MODIFICATION AND REPAIR RESTRICTIONS

WARNING: *Do not modify load cells, internal junction boxes, or structural load-bearing portions of the Scale Bars.*

Only manufacturer-approved parts may be used.

Unauthorized modifications may:

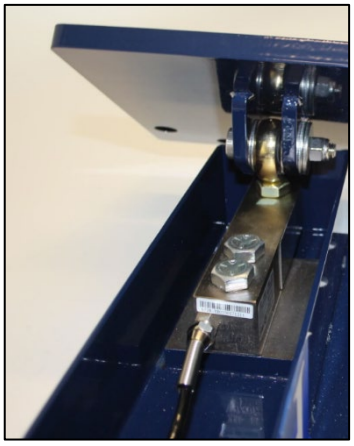
- Compromise structural integrity
- Cause inaccurate weighing
- Damage load cells
- Void the warranty

Controlled drilling or welding for chute mounting is permitted only when performed according to installation instructions and with proper load cell protection.

See Bulletin ***51721 – Protecting Load Cells While Welding*** for complete field procedures.

5.7. LOAD CELL REPLACEMENT

Each Scale Bar contains two load cells connected to an internal sealed junction box. If one load cell fails, it may be replaced individually.



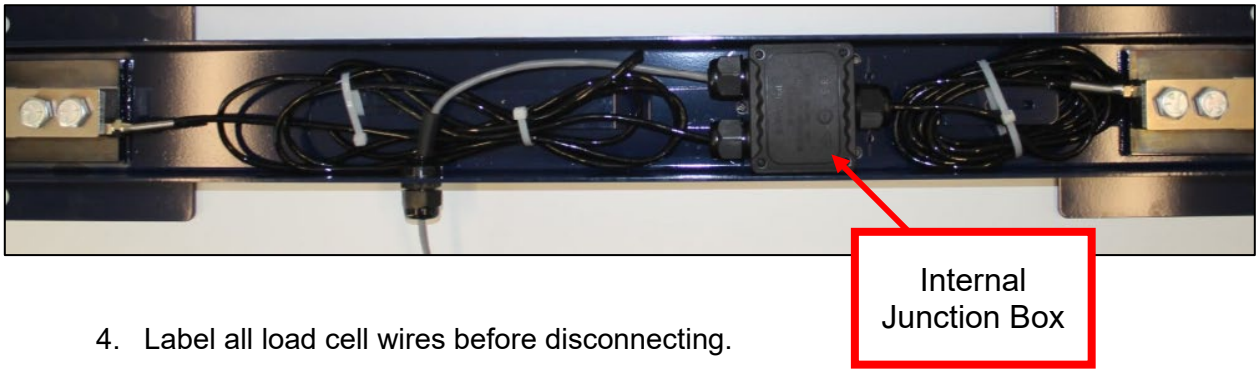
5.7.1 BEFORE REMOVING A CELL:

- Remove any load from the scale system.
- Power down and unplug the weighing instrument.
- Disconnect the affected bar from the summing box or instrument.
- If necessary, remove the chute from the affected bar to allow safe access.

NOTE: *If load cell removal is being performed in conjunction with nearby welding activity, follow all procedures in Bulletin **51721 – Protecting Load Cells While Welding**.*

5.7.2 REPLACEMENT PROCEDURE

1. Support the affected Scale Bar using approved lifting equipment or solid blocking to relieve all load from the load cell being replaced.
2. Unscrew the foot from the affected load cell.
3. Access the internal junction box inside the bar.



4. Label all load cell wires before disconnecting.
5. Loosen the cable gland securing the load cell cable.
6. Disconnect the failed load cell wires from the internal junction box terminal block.
7. Remove mounting bolts securing the load cell to the bar structure.
8. Carefully remove the load cell and pull the cable out through the bar.

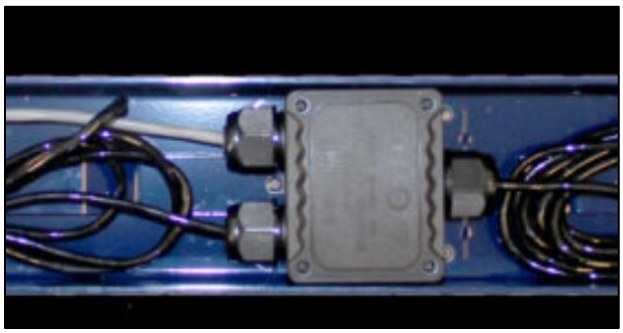
5.7.3 INSTALLING THE REPLACEMENT LOAD CELL

9. Route the new load cell cable through the bar to the internal junction box.
10. Mount the new load cell in the same orientation as the original.
    - Apply anti-seize compound to mounting bolts.
    - Torque mounting bolts to 90 ft-bls.
11. Connect load cell wires to the internal junction box using proper color code.
12. Tighten the cable gland to maintain moisture seal.
13. Ensure all wiring is secure and free from pinch points.

14. Reseal the internal junction box, ensuring gasket surfaces are clean and properly seated.
15. Reinstall the scale feet.
16. Lower the bar carefully and restore even support.
17. Reinstall the chute if removed.
18. Reconnect the bar to the system.
19. Recalibrate the scale system per the instrument manual.

5.8. INTERNAL JUNCTION BOX REPLACEMENT

Each Scale Bar contains a sealed internal junction box that combines the two load cells.



Before Beginning

- Remove all load from the scale system.
- Power down and unplug the instrument.
- Disconnect the affected bar from the system.

Replacement Procedure

1. Open the internal junction box enclosure.
2. Label all load cell wires and output cable wires.
3. Loosen all cable glands.
4. Disconnect load cell wires from the terminal block or PCB.
5. Remove the damaged junction box assembly.
6. Install the replacement junction box in the same position.
7. Reconnect all load cell wires using correct color code.
8. Reconnect the output cable.
9. Tighten all cable glands securely.
10. Ensure no wires are pinched or stressed.

11. Clean gasket surfaces.
12. Reinstall enclosure cover and tighten screws evenly to maintain seal.
13. Reconnect bar to the system.
14. Recalibrate per instrument manual.

Moisture Protection Notice

The internal junction box is moisture-resistant when properly sealed.

- Do not overtighten enclosure screws, as excessive torque may compromise enclosure integrity and moisture sealing.
- Ensure gasket is clean and undamaged before closing.
- Do not perform service in wet conditions if avoidable.
- Do not use high-pressure wash near cable entry points.

Moisture intrusion due to improper sealing is not covered under warranty.

5.9. POST-SERVICE REQUIREMENTS

After any load cell or junction box replacement:

- Verify the system returns to zero with the empty chute installed.
- Perform a corner/section test.
- Perform full calibration per the instrument manual.
- Confirm stable readings before returning to service.

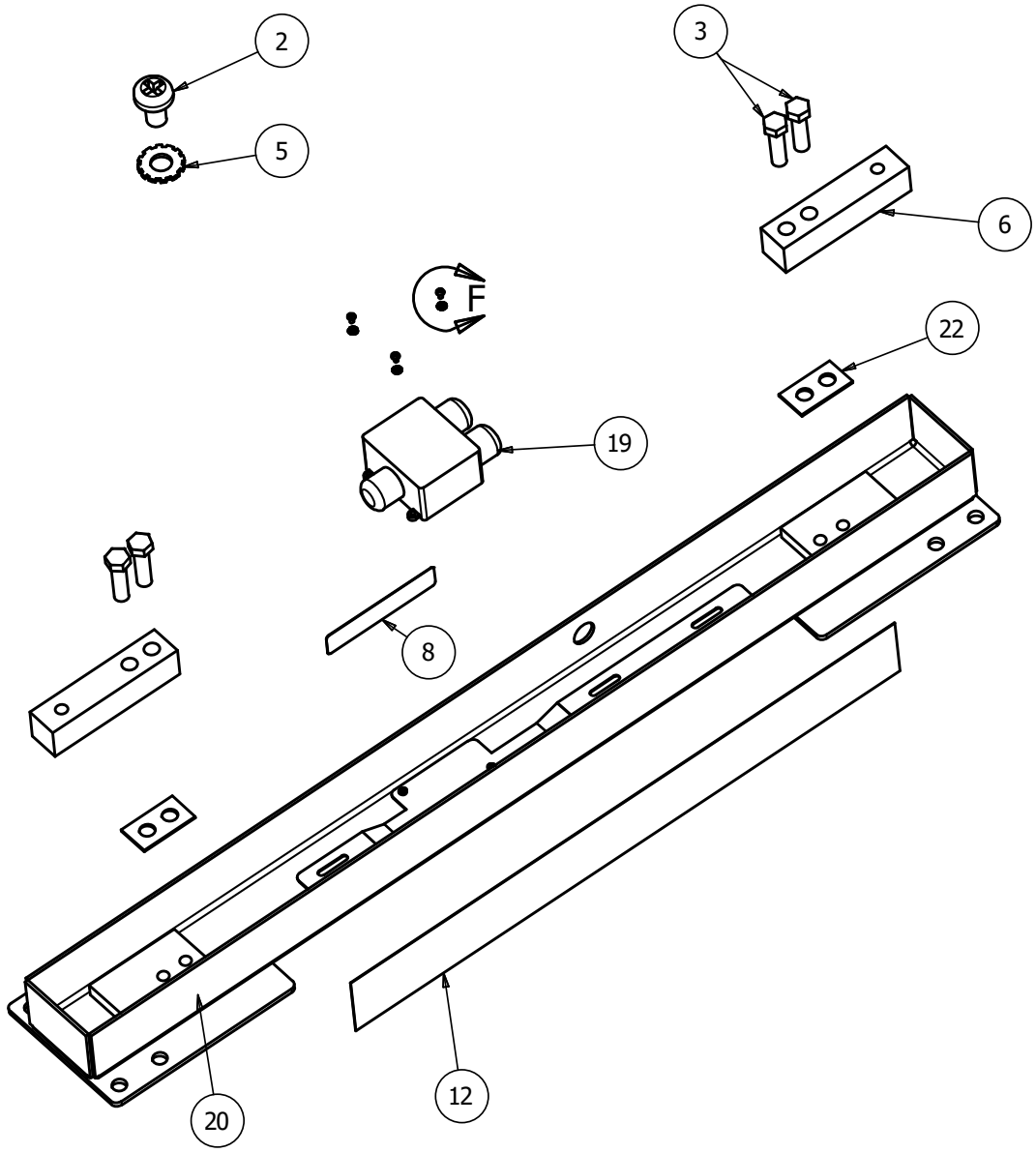
6.0 PARTS

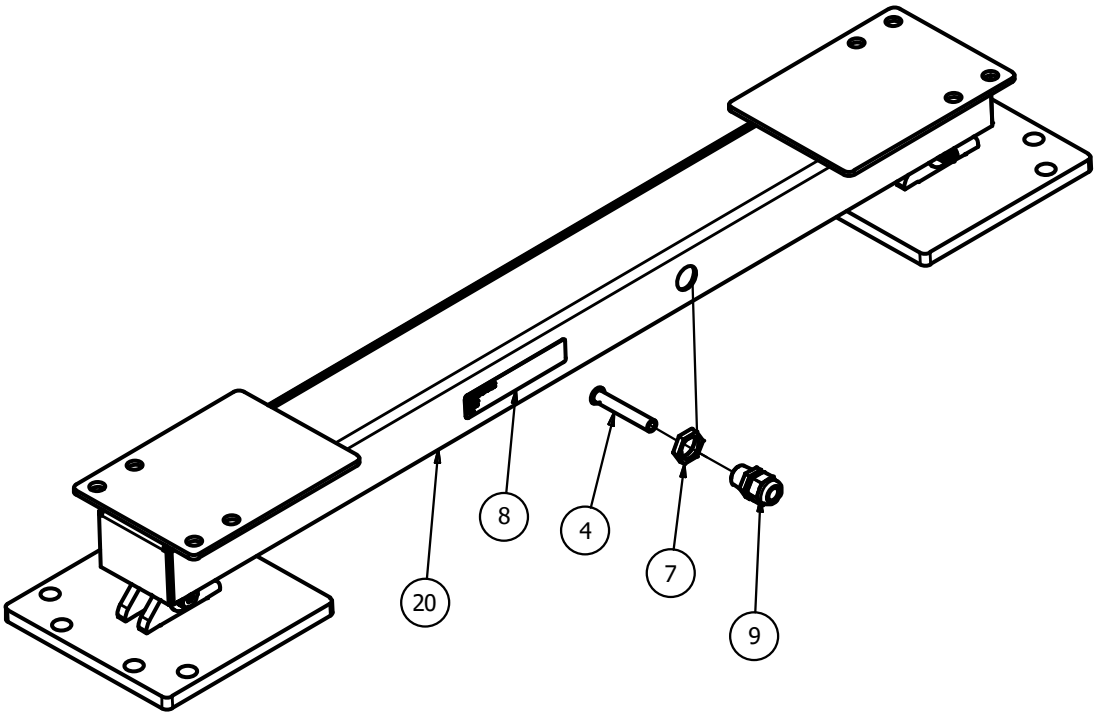
6.1. PARTS LIST (P/N 40857)

Item	Qty	Part	Description
1	1	Source Locally	Nut, Jam, Hex ½-20
2	3	11153	Machine Screw — #6-32 × ¼", Pan Head, Phillips, Stainless Steel
3	4	11168	Hex Head Bolt — 1/2-20 × 1.75", Hex Head, Stainless Steel
4	1	11175	Rubber Bushing — 0.312" ID
5	3	11191	Lock Washer, External Tooth — #6, Stainless Steel
6	2	12896	Load Cell — 2,500 lb Capacity, 10 ft Cable, Nickel-Plated Alloy Steel
6	1	Source Locally	Lock Nut — Nylon, H23 Size
7	1	Source Locally	Strain Relief Bushing — 0.875" Mount Hole, Rubber
8	1	-	Serial Tag
N/S	4	Source Locally	Cable Tie — 7.25", Nylon
9	1	Source Locally	Bushing, Strain Relief, .875 Dia Mount Hole
N/S	1	29878	Shielded Cable — 4 Conductors + 1 Shield, Stainless Steel Overbraid, 30'
N/S	5	Source Locally	Wire Nut, Crimp on style
10	2	40835	Scale Foot Assembly — 8" Square, 1/2-20
11	2	40839	Internal Junction Box — 3-Way M25, IP68, Plastic
12	1	-	Fairbanks Decal
13	2	66754	Shim — Load Cell, Stainless Steel, FM
14	2	40646	Ball Joint Rod End, 1/2-20, 1.50 Thread Length, 1/2 Bore, Zinc-Pl
15	2	40647	Shoulder Screw, SS, 1/2 Shoulder Dia., 1.500" Length Shoulder, 3/8-16 Thread
16	4	Source Locally	Washer, SS, .531" Id, 1.25" Od, 0.055-0.069" Thickness
17	2	Source Locally	Locknut, SS, 3/8-16, Nylon Insert
18	2	40836	Weldment, 8 Inch Square Scale Foot, 1/2 Dia Cross-Hole

20	1	40847	Weldment — Open Bottom, Livestock Scale Bar
22	2	66754	Shim, Load Cell, SS
Junction Box – Stainless Steel (67171M)			
14	1	96141	Summing Card

6.2. PARTS DIAGRAMS

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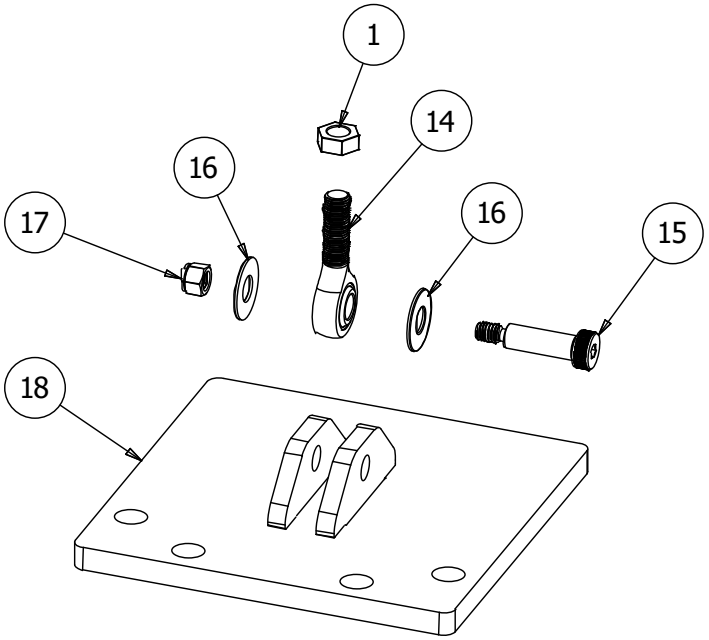
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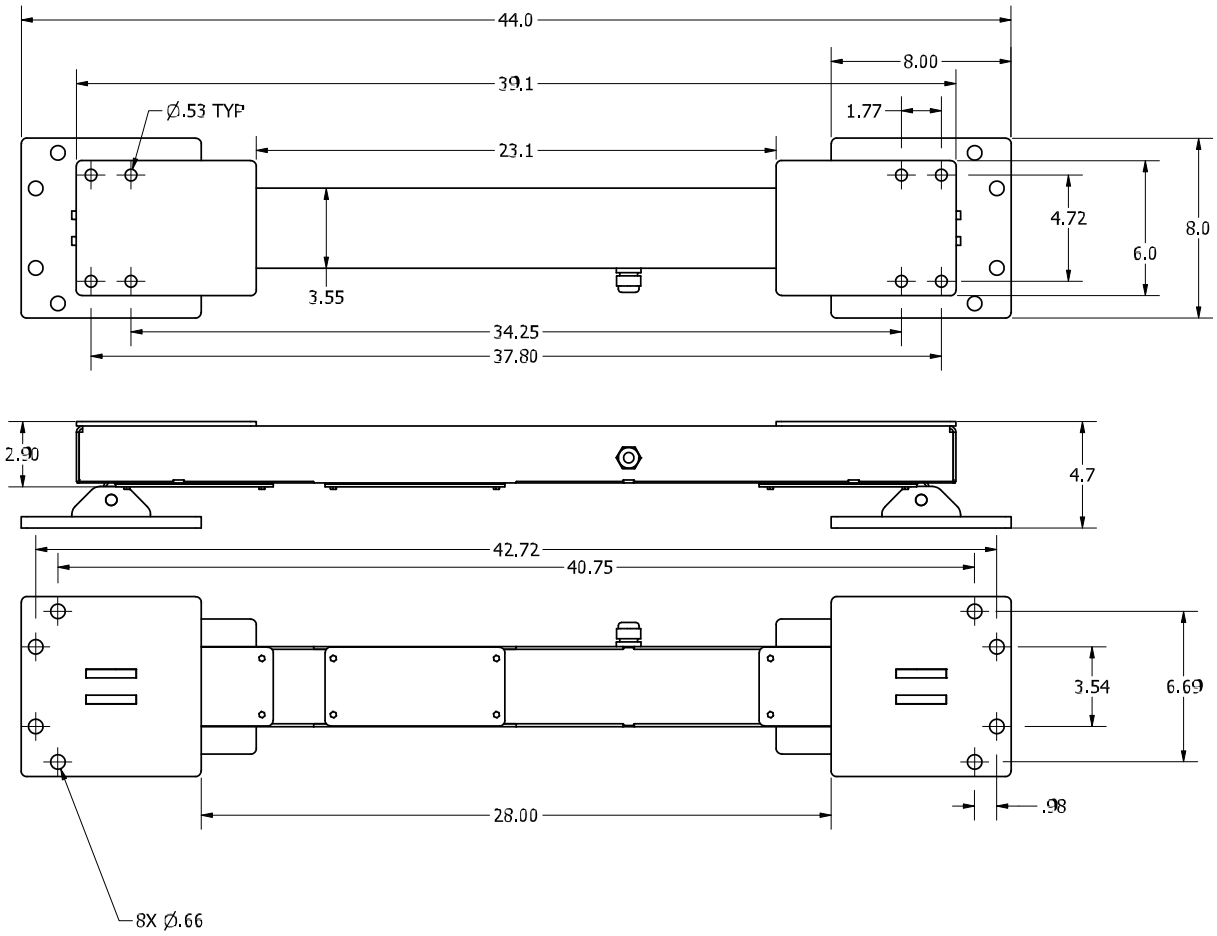
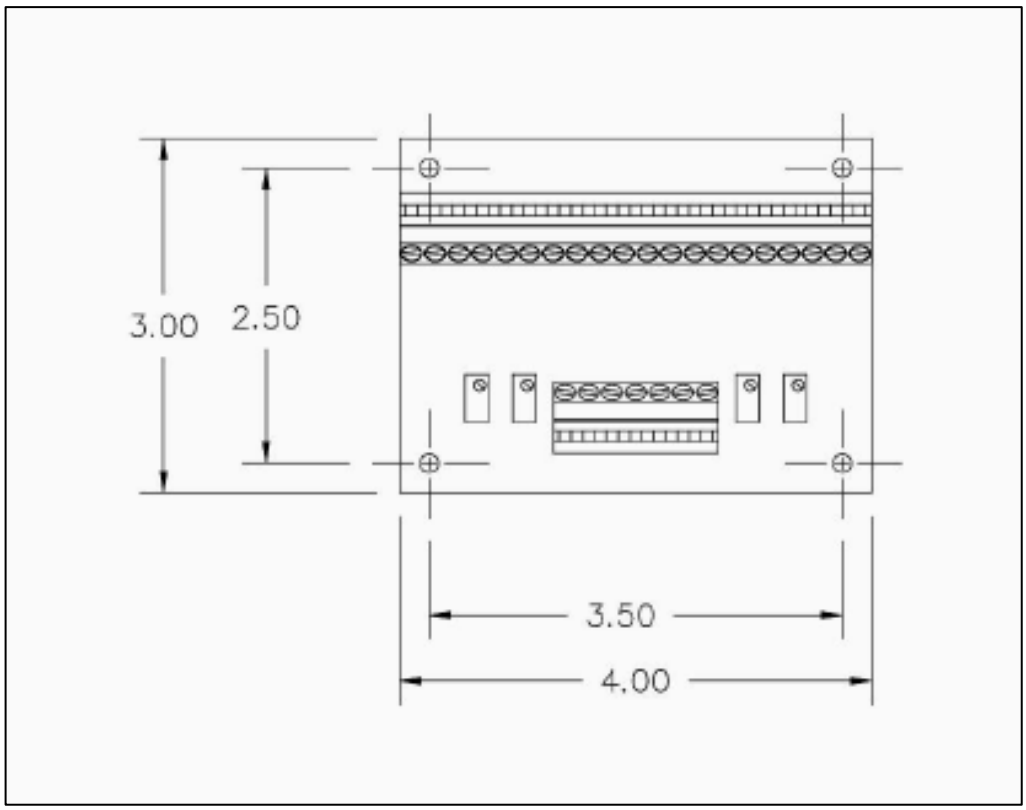
6.3. WEIGH BAR DIMENSIONS



6.4. REPLACEMENT PARTS

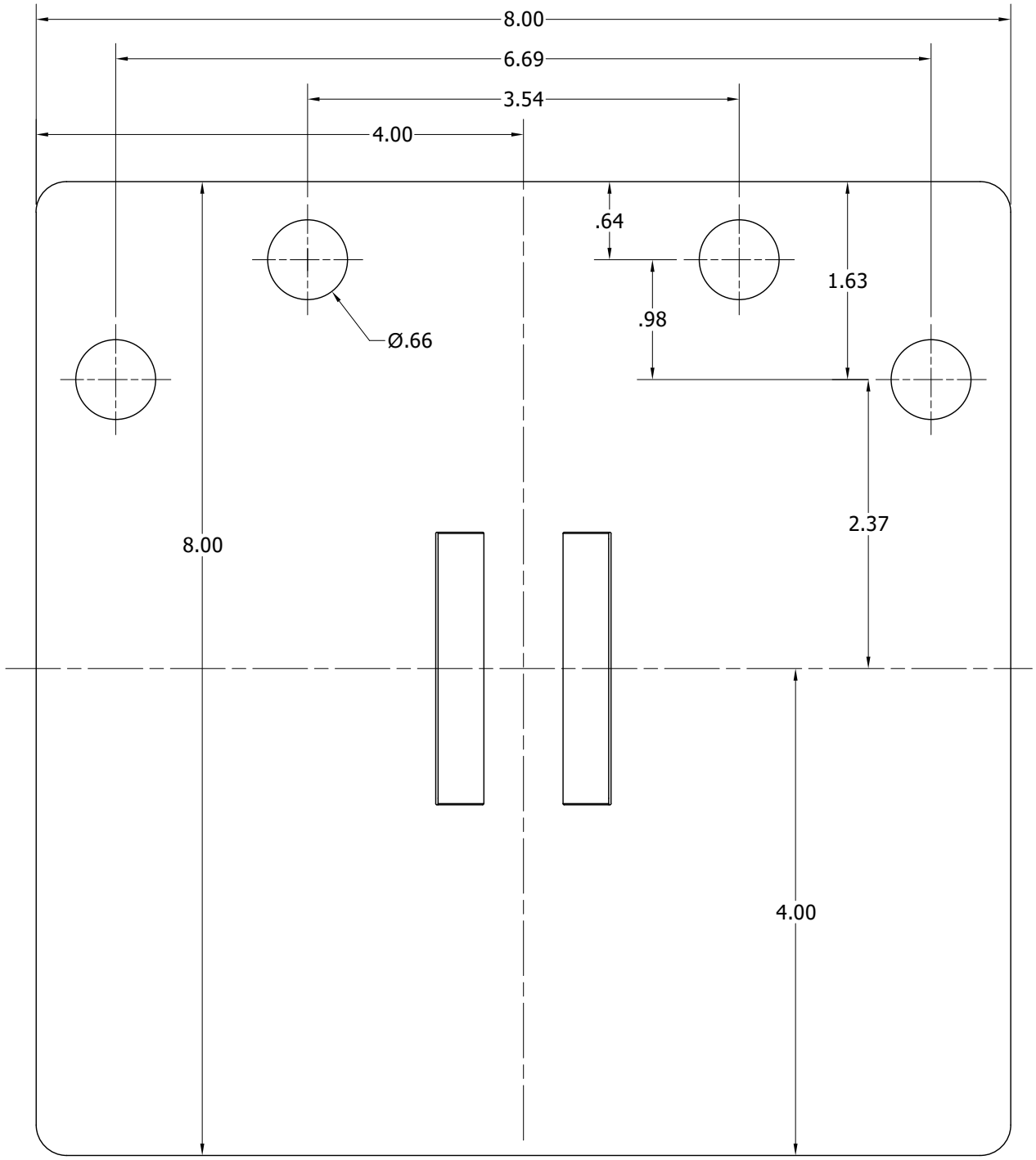
6.4.1 SUMMING CARD FOR JUNCTION BOX 67171M

Item	Qty	Part	Description
1	1	96141	Summing card replacement

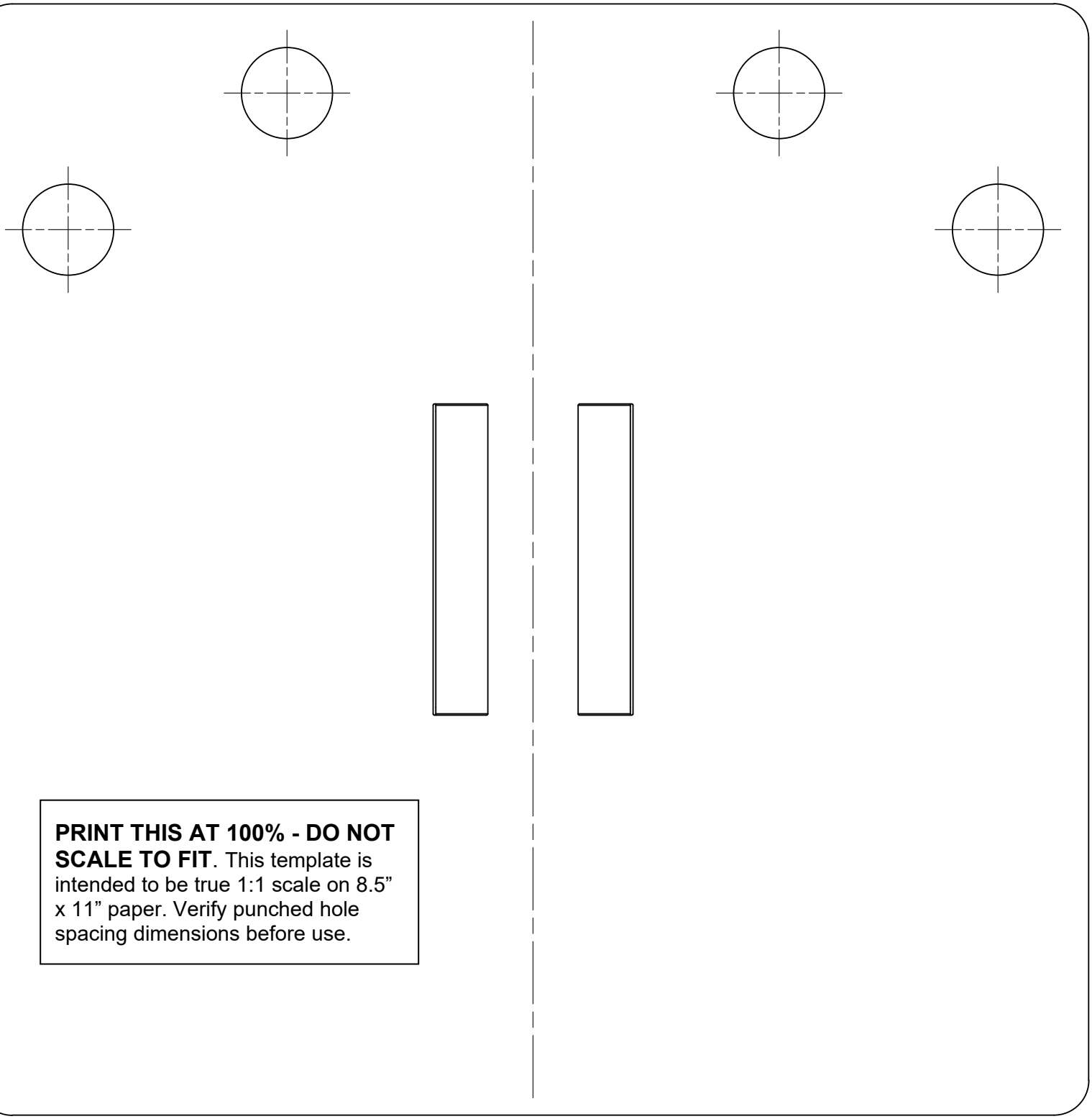


APPENDIX I: PARTS TEMPLATES

A. P/N 40836 WELDMENT LIVESTOCK WEIGH BAR FOOT - DIMENSIONS



B. P/N 40836 WELDMENT LIVESTOCK WEIGH BAR FOOT - TEMPLATE



PRINT THIS AT 100% - DO NOT SCALE TO FIT. This template is intended to be true 1:1 scale on 8.5” x 11” paper. Verify punched hole spacing dimensions before use.

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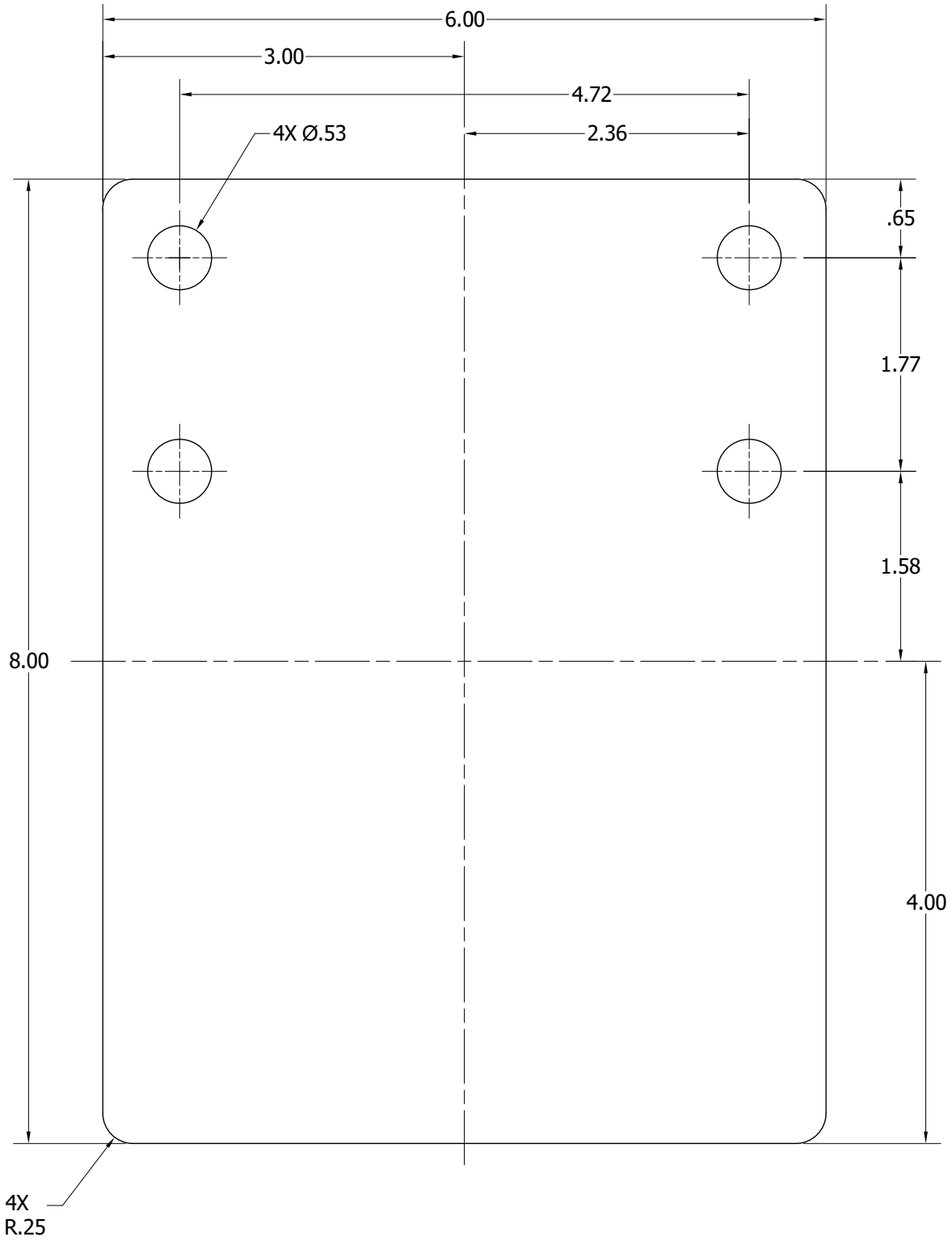
C. P/N 40846 CHUTE MOUNTING PLATE FOR 40857 WEIGH BAR - DIMENIONS



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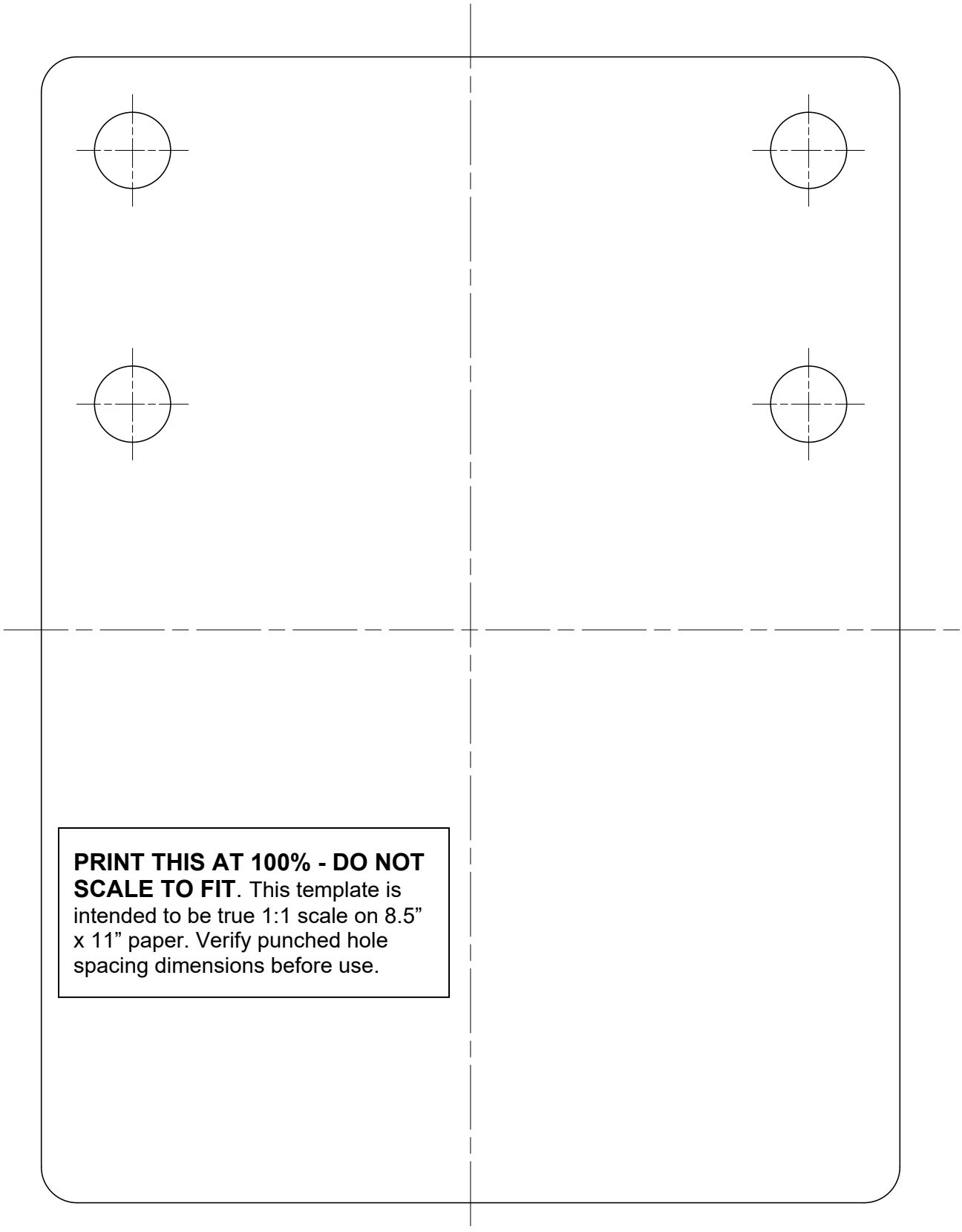
D. P/N 40846 CHUTE MOUNTING PLATE FOR 40857 WEIGH BAR - TEMPLATE



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Fairbanks Livestock Scale Bars

Installation Manual

Document 51713

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