SWC515-A PinMount™ / SWC615-A PowerMount™

Weigh Module

Download Installation Guide:
EU W: English, Deutsch, Español, Français, Italiano, Nederlands, Português
EU N: Svenska, Dansk, Norsk
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EN

1» Before You Begin

⚠ **Never extend or cut the load cell's cable length. Always remove the load cell before welding.**

① Calibration Certificate — METTLER TOLEDO — **KEEP DOCUMENTS!**

② **Tools You Need:**

- OR - - OR -

- OR -

2» Plan Your Layout

Without Stabilizers   **With Stabilizers**

3» Position the Weigh Modules

⚠ **Block tank when in raised position.**

① **Lift tank**

TANK

② **Position weigh modules under tank legs according to your layout**

4» Make Sure Locking Plates are Installed

⚠ **Use SafeLock™ Centering Spacer and SafeLock™ Locking Plate.**

- Locking Plate
- Centering Spacer
- Anti-Lift Bolt
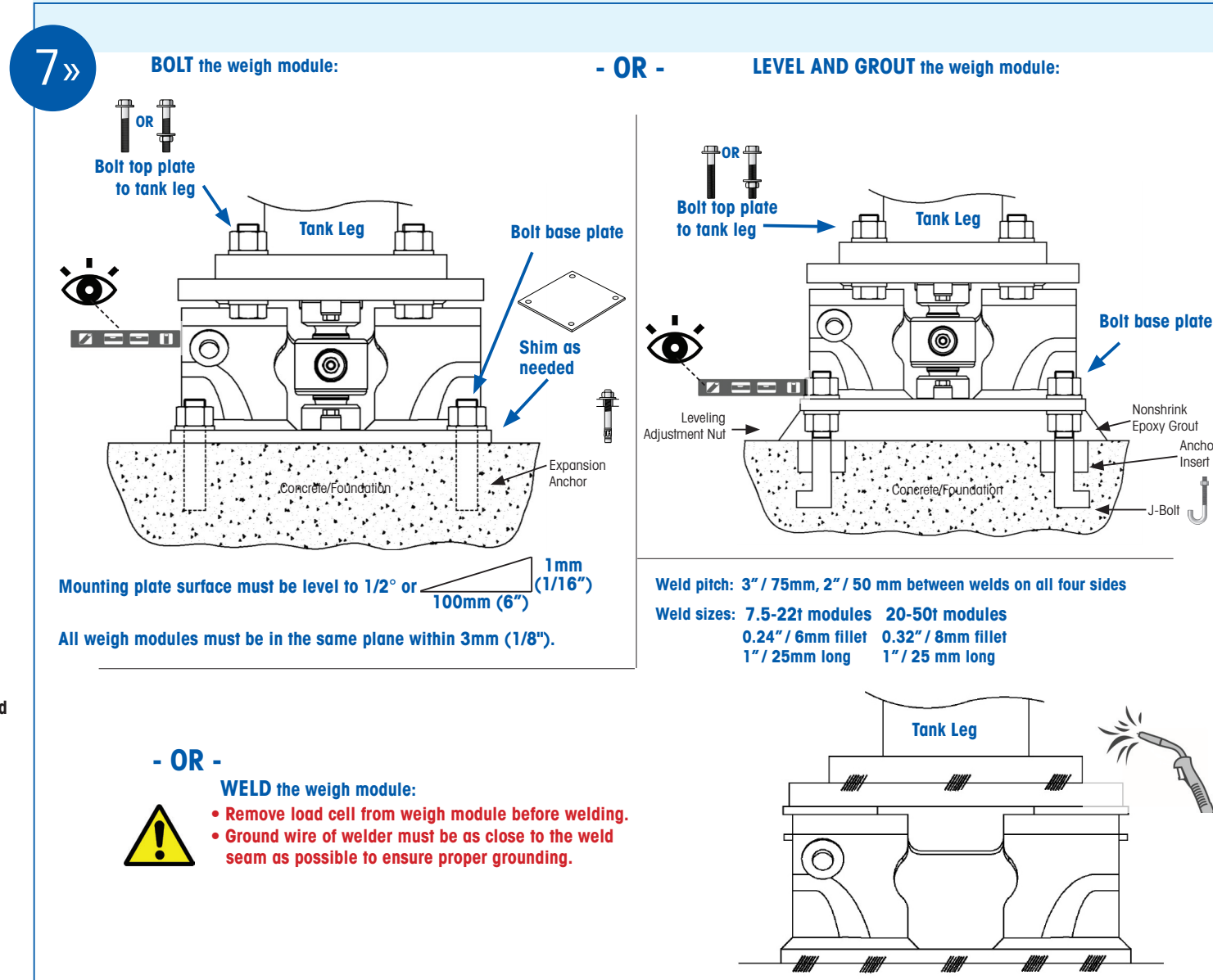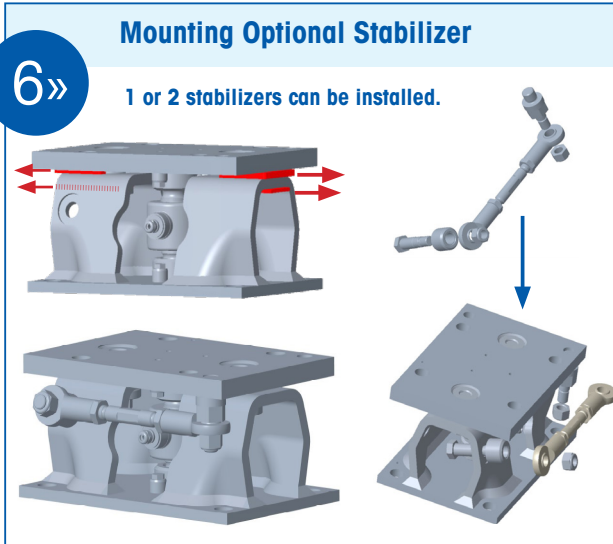

5» Mounting Optional Pads

Tank Leg

- Tank Foot Plate
- Pad
- Metal Spacer Plate
- Weigh Module Top Plate
- Locking Nut, or Nut with Locking Washer

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6» Mounting Optional Stabilizer

1 or 2 stabilizers can be installed.

Installation Tips and Precautions:

- Never cut the load cell's cable or extend its length.
- Avoid moisture and dust.
- Ensure voltage stability – use a regulated power supply.
- Avoid overload and shock.
- Ensure good grounding.
- For hazardous area installations in Europe, refer to the enclosed instructions (30104376 / 175389R).

Contact authorized METTLER TOLEDO service technician to activate the weigh modules for startup and calibration.

Contact Information:

▶ **www.mt.com/contact**

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BOLT the weigh module: **- OR -**   **LEVEL AND GROUT** the weigh module:

Bolt top plate to tank leg

Tank Leg

Bolt base plate

Shim as needed

Expansion Anchor

Concrete/Foundation

Mounting plate surface must be level to 1/2° or **1mm (1/16")** / **100mm (6")**

All weigh modules must be in the same plane within 3mm (1/8").

Bolt top plate to tank leg

Tank Leg

Bolt base plate

Leveling Adjustment Nut

Nonshrink Epoxy Grout

Anchor Insert

J-Bolt

Concrete/Foundation

Weld pitch: 3" / 75mm, 2" / 50 mm between welds on all four sides

Weld sizes:
	7.5-22t modules	20-50t modules
	0.24" / 6mm fillet	0.32" / 8mm fillet
	1" / 25mm long	1" / 25 mm long

- OR -

WELD the weigh module:
⚠ • Remove load cell from weigh module before welding.
• Ground wire of welder must be as close to the weld seam as possible to ensure proper grounding.

Tank Leg