**TRANSIT™ SEATING**

**SURFACE MOUNT INSTALLATION INSTRUCTIONS**

**MATERIALS INCLUDED**
- 7/32” hex bit for tamper-resistant screws

**TOOLS NEEDED**
- Pencil
- 3/16", 3/8" & 1/2" drill bits for concrete
- Hammer drill
- Steel wire brush
- 1/4" punch
- Hammer

**STEP BY STEP** FOR ALL SURFACE MOUNTED TRANSIT SEATING (SBTRA-1BA SHOWN)

**Mark hole locations**
- Place bench in desired location. Mark center of each hole location with a pencil.

  NOTE: Bench is not freestanding and must be supported during this step.

**Drill holes**
- Use hammer drill to drill 1-7/8" deep x 1/2" diameter anchor hole at each marked location using a 1/2" drill bit suitable for concrete drilling.

  NOTE: Forms+Surfaces recommends starting holes with 3/16" diameter drill bit followed by 3/8" and finally 1/2" for maximum accuracy.

**Insert & set anchors**
- Use compressed air and steel wire brush to clean each anchor hole.
- Insert 3/8"-16 x 1-1/2" anchor (a) into each anchor hole and use hammer to tap anchor tops flush with ground level.
- Use 1/4" punch and hammer to set anchors by driving down the center of each anchor until it stops.
Position bench

- Position bench so that mounting holes line up with anchors.

NOTE: Bench is not freestanding and must be supported until steps 5 and 6 are complete.

Attach bench

- Slide 3/8” stainless steel lock washer (c), then 3/8” stainless steel flat washer (d) and 3/8” nylon flat washer (e) onto each 3/8”-16 x 1” tamper-resistant button head cap screw (b).
- Insert screws into mounting holes in bench and thread into anchors using provided 7/32” hex bit for tamper-resistant screws.

Tighten screws

- Tighten screws until snug.