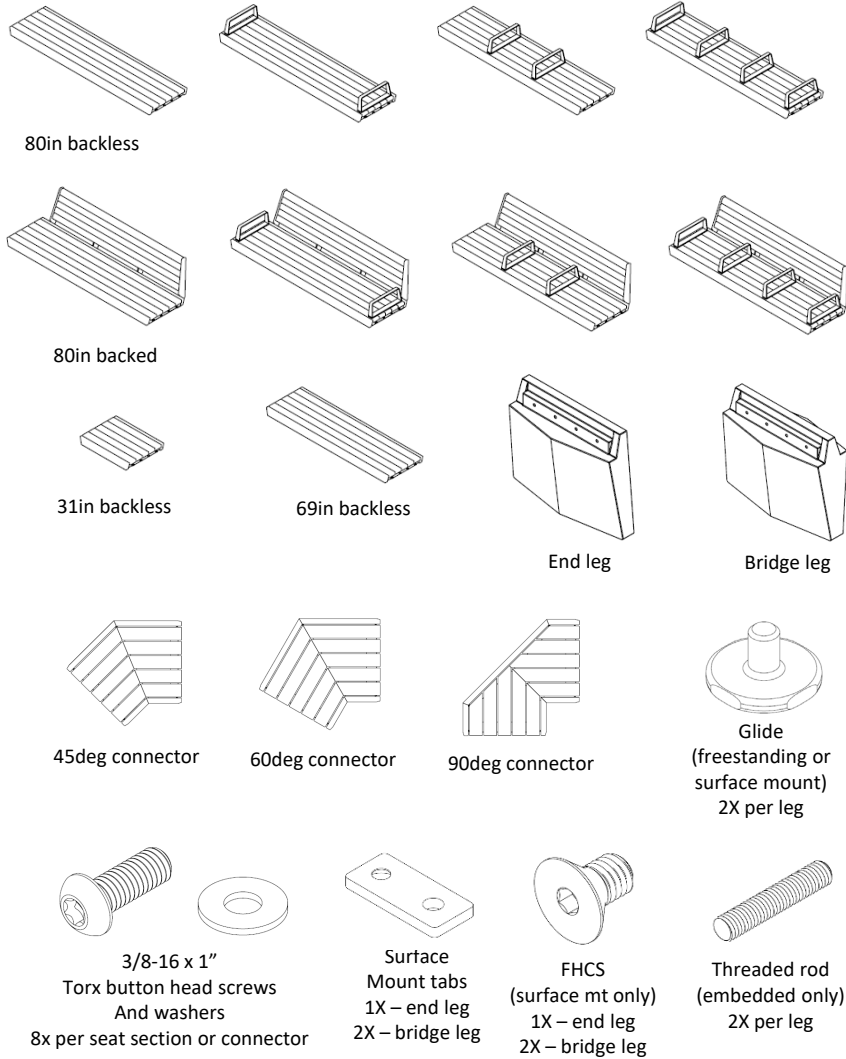


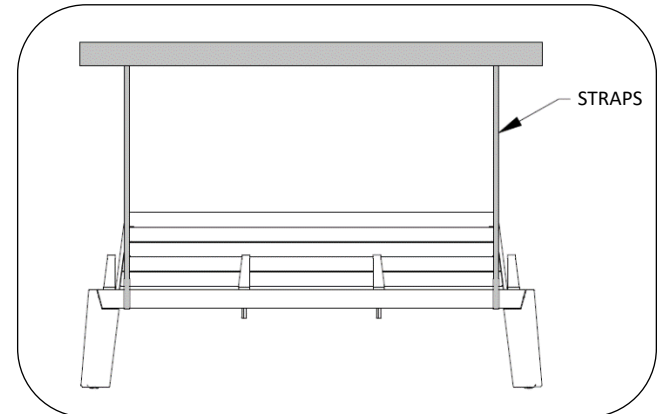
**Included components:**



**ASSEMBLE WITH CARE!** Pangard II® Polyester Powder coat is a strong, long-lasting finish. To protect this finish during assembly, place unwrapped powder coated parts on packaging foam or other non-marring surface. Do not place or slide powder coated parts on concrete or other hard or textured surface – this will damage the finish causing rust to occur. Use touch-up paint on any gouges in the finish caused by assembly tools.

**Tools Required:**

- Safety glasses
- T45 torx bit
- Hammer drill with masonry bits
- (2) non-corrosive anchors, max 3/8" diameter (surface mount option)
- 7/32" hex key (surface mount option)
- 1-1/4" thin wrench for adjusting freestanding glides
- Chemical anchoring adhesive (Hilti HIT RE 500 or equivalent) (embedded option)
- 1-1/2" ht x 20" spacer for embedded bench



**Fig. 1 – bench proper lifting, backed (shown) or backless**

**PROCEDURE FOR INSTALLATION:**

1. Prepare proper concrete slab as required.

**Important!**

- Do NOT drag bench across concrete or other rough surfaces.
- Do NOT lift the bench by the arms
- Do NOT lift the backed bench by the back panel.
- Do NOT drop the bench – lower gently into place.

For FREESTANDING bench:

1. Install two glides per support at locations shown in Fig. 2.

For SURFACE MOUNT bench:

1. Install two glides per support at locations shown in Fig. 4
2. Install surface mount tab(s) on each support, as shown in Fig. 4

**PROCEDURE FOR BENCH ASSEMBLY** (refer to page 4 for modified steps for Embedded bench):

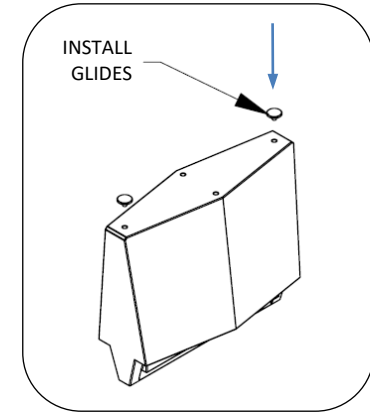
1. Set legs for one section in approximate final position of bench. Brace supports if necessary.
2. Install seat segment as shown in Fig. 5, using (8) 3/8-16" x 1" Torx button head cap screws and washers. Ensure that adhesive backed pad is attached to each side of bench seat to create barrier between metal frame and concrete support, see Fig.5. Loosely install screws on both sides and then tighten.
3. For multi-segment benches, verify that the end leg is facing correctly, and that bridge legs are set correctly.
4. For multi-segment benches, set next leg in position. Brace leg if needed. Install next seat segment or connector as specified in step 2. Final leg on bench run should be an end leg. If it is a continuous loop, all legs will be bridge legs. Refer to site layout.

Continue with SURFACE MOUNT bench:

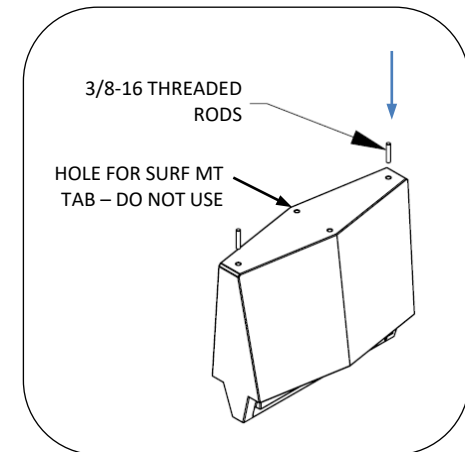
1. Drill holes for anchors according to diameter and depth required by surface mount anchor manufacturer. Clear holes of debris.
2. Install surface mount anchors per manufacturer's instructions.

To adjust leveling glides:

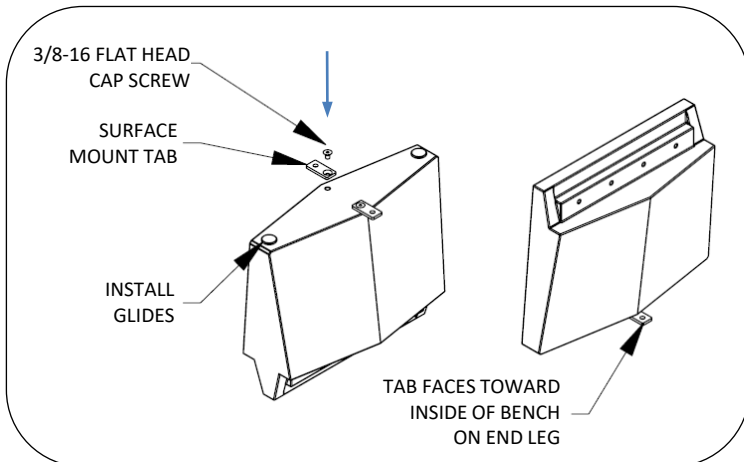
1. The stainless steel glides have flat sides to allow a 1-1/4" thin wrench to adjust.



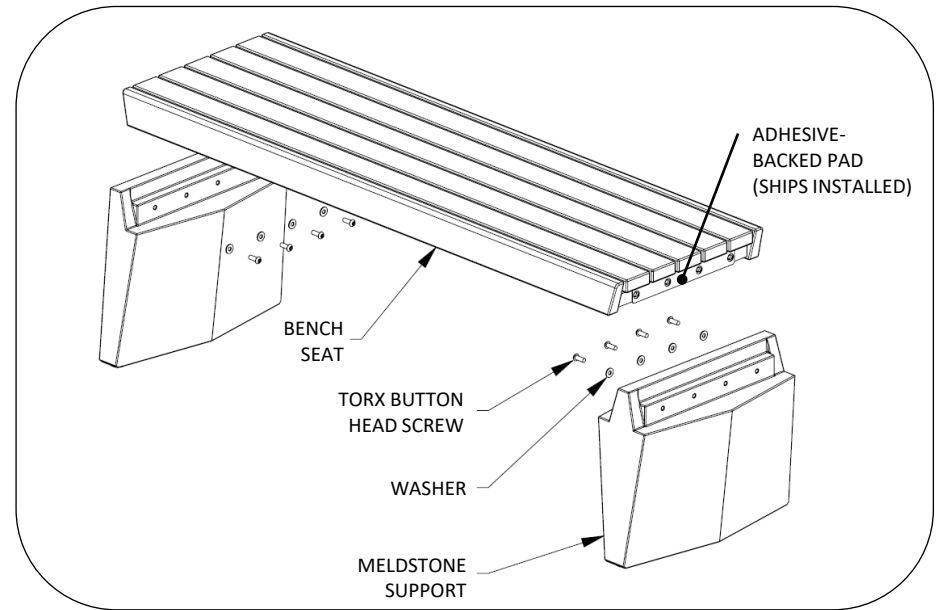
**Fig. 2 – Freestanding - Attach glides**



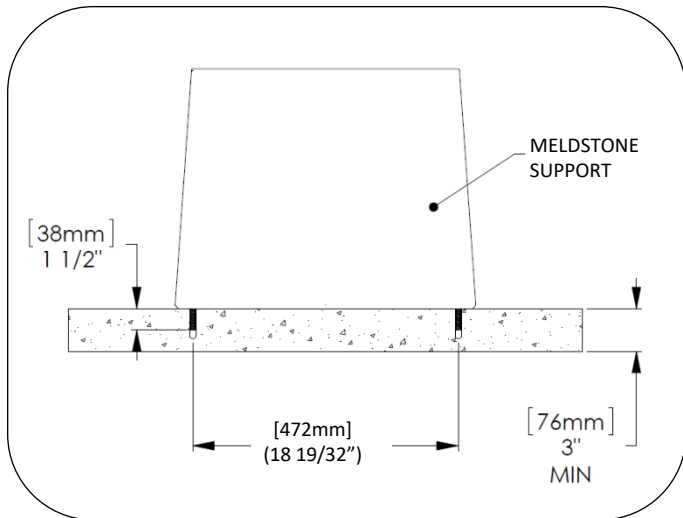
**Fig. 3 – Embedded – Install threaded rods**



**Fig. 4 – Surface Mount - Attach surface mount tabs and glides**



**Fig. 5 – Bench assembly**



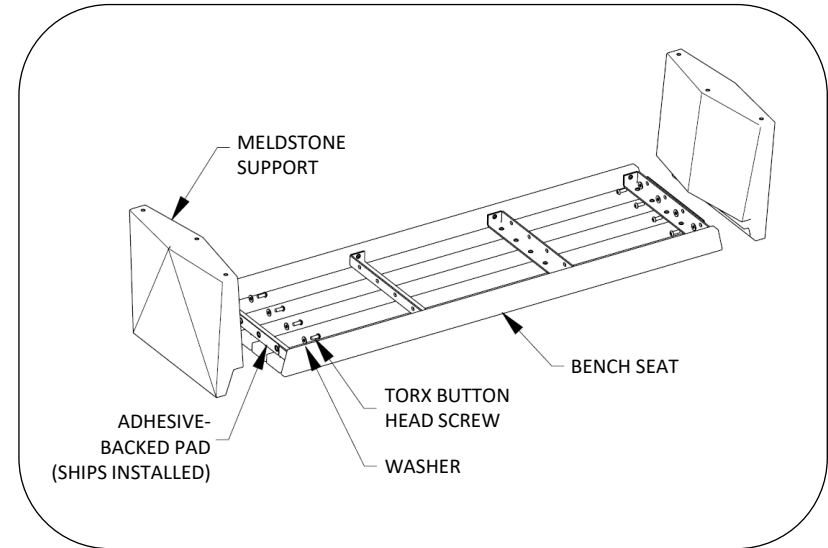
**Fig. 6 – Embedded anchoring detail**

For EMBEDDED bench:

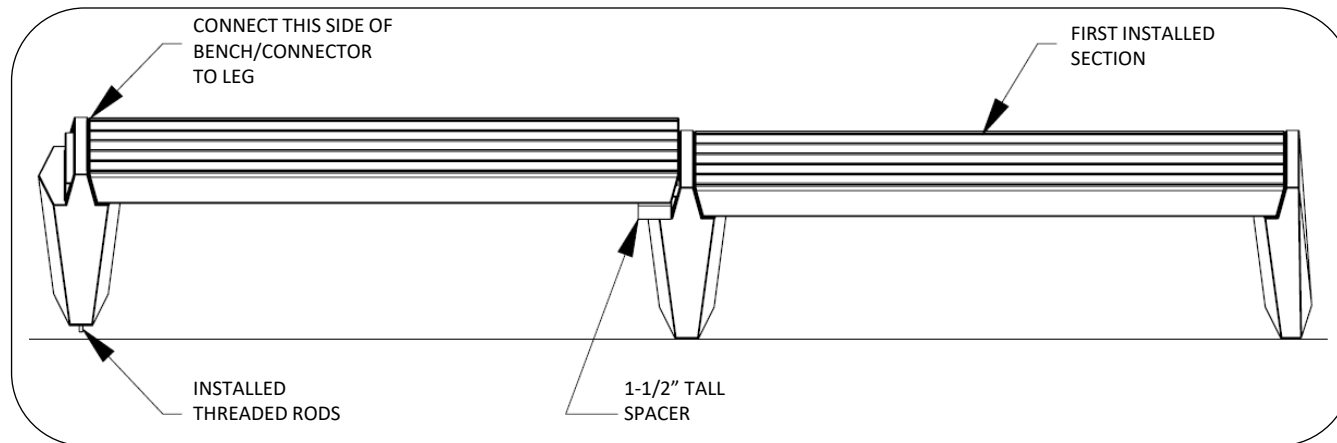
1. Install threaded rods into supports as shown in Fig. 3.

**PROCEDURE FOR EMBEDDED BENCH ASSEMBLY:**

1. Set first segment of bench seat upside on protective padding.
2. Attach legs to seat segment using (8) 3/8-16" x 1" Torx button head cap screws and washers. Ensure that adhesive backed pad is attached to each side of bench seat to create barrier between metal frame and concrete support, see Fig.7. Loosely install screws on both sides and then tighten.
3. Flip bench upright, set in position and mark hole locations by tracing around threaded rods.
4. Move bench. Drill holes. Clear holes of debris.
5. Test fit leg into position, ensuring that the threaded rods are not resting on the bottom of the drilled holes.
6. Fill holes with epoxy according to epoxy manufacturer's recommendations.
7. Set bench, or first bench segment back in position. Wipe away excess epoxy before it cures.
8. For multi-segment benches, attach next seat segment or connector to next leg. Move into position, with bracing placed on previously installed leg to allow for segment to be level, see Fig. 8.
9. Mark hole locations of next leg. Move segment. Drill holes. Clear holes of debris. Fill holes with epoxy according to epoxy manufacturer's recommendations.
10. Move segment back into position, wipe away excess epoxy and attach bench/connector to previously installed support leg.
11. Repeat steps as necessary until all segments are installed. Final leg on bench run should be an end leg. If it is a continuous loop, all legs will be bridge legs. Refer to site layout.



**Fig. 7 – Embedded bench assembly**



**Fig. 8 – Embedded multi-segment bench assembly**