Installation Guide

Bypass Shower Doors

SP5900 Series

Tools and Materials

Silicone Sealant

Masking Tape

Tape Measure

Level

Pencil & Felt Tip Marker

Plus:
• Drop Cloth

Center Punch

File

Drill

Claw Hammer

Safety Glasses

Assorted Screwdrivers

Knife

Miter Saw or Hack Saw With 32 Teeth Per Inch

Caulk Gun

Pliers

Thank You For Choosing Kohler Company

We appreciate your commitment to Sterling quality. Please take a few minutes to review this manual before you start installation. If you encounter any installation or performance problems, please don't hesitate to contact us. Our phone numbers and website are listed on the back cover. Thanks again for choosing Sterling.

Before You Begin

⚠ **CAUTION: Risk of injury.** Always wear safety glasses when cutting or drilling.

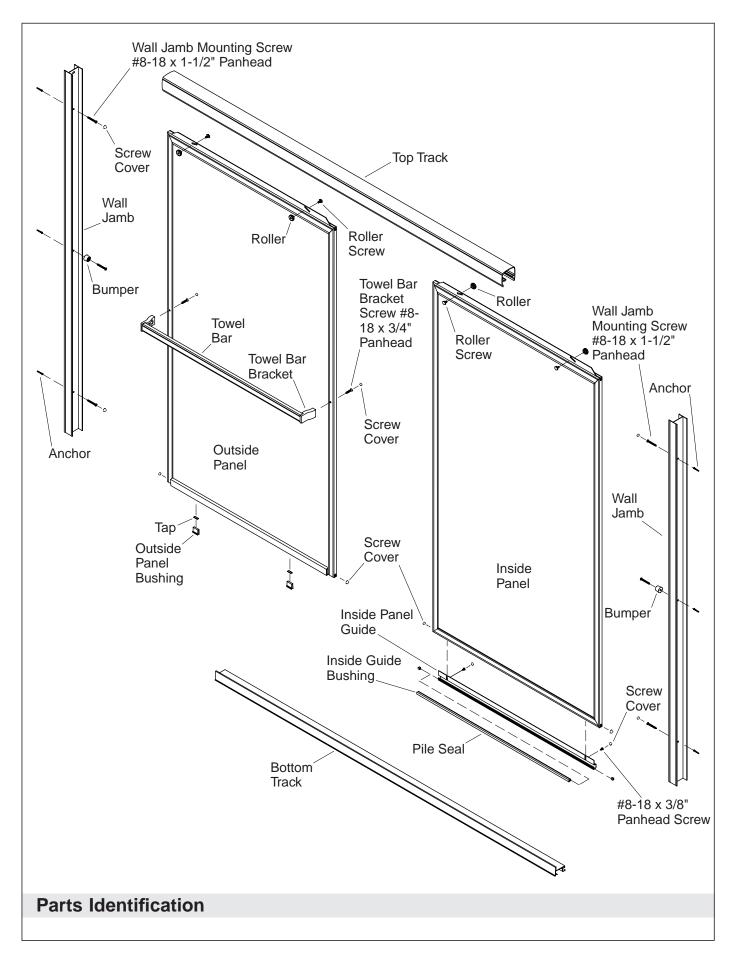⚠ **CAUTION: Risk of injury or product damage.** Tempered glass cannot be cut.

IMPORTANT! This shower door is designed to be specifically paired with a Sterling shower module. Do not install this shower door if you do not have a Sterling shower module installed.

IMPORTANT! Pay special attention to the section titled ″Very Important Instructions″. Failure to follow the directions could result in product damage.

IMPORTANT! Some of the models in this series of door have two sets of wall jambs enclosed, tapered style and non-tapered style. Match the proper style to your installation and discard the extra set. If you receive only one set of wall jambs, follow the tapered wall jamb directions when cutting.

NOTE: When using a retractable case tape measure, make sure you add the length of the case to the measurement or measure in a manner that excludes the case.

☐ Before starting the installation, lay out and identify the parts. Inspect them for damage.

☐ Once inspected, return the glass panels to their packaging and place them in a safe area until they are needed.

☐ The bath/shower or receptor should be installed/prepared at this time, including finished wall materials.

Wall Jamb Mounting Screw
#8-18 x 1-1/2" Panhead

Screw
Cover

Wall
Jamb

Bumper

Anchor

Top Track

Roller

Roller
Screw

Towel Bar
Bracket
Screw #8-
18 x 3/4"
Panhead

Towel
Bar

Towel Bar
Bracket

Screw
Cover

Outside
Panel

Tap

Outside
Panel
Bushing

Roller

Roller
Screw

Wall Jamb
Mounting Screw
#8-18 x 1-1/2"
Panhead

Anchor

Wall
Jamb

Bumper

Inside
Panel

Screw
Cover

Inside Panel
Guide

Inside Guide
Bushing

Screw
Cover

Pile Seal

Bottom
Track

#8-18 x 3/8"
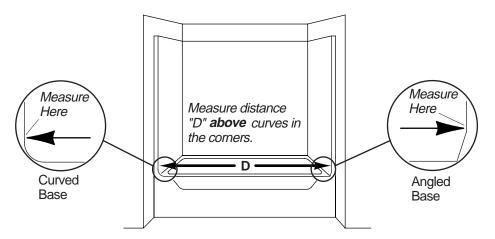Panhead Screw

Parts Identification

CAUTION!
Most Common Installation Mistake

Do not cut the top and bottom track the same length for this installation.

Please read these installation instructions carefully before cutting the top and bottom track.

If uncertain about cutting tracks, please contact a customer service representative at
1-888-783-7546
for help.

Very Important Instructions

Measure Here

Curved Base

*Measure distance "D" **above** curves in the corners.*

D

Measure Here

Angled Base

⚠ **Warning:** *Measure carefully. If your walls are curved or angled, measure above the curve or angle. Failure to do so can result in an improperly cut bottom track and can void the warranty.*

1. Measure and Cut the Bottom Track

⚠ **CAUTION: Risk of product damage.** If your shower has a curve in the corners where they meet the sidewalls, be sure to measure from wall to wall above the curves. Failure to measure above the curve or angle could result in the bottom track being cut too short.
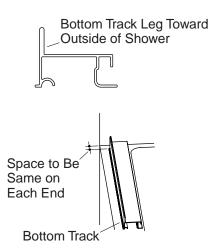
⚠ **CAUTION: Risk of personal injury.** Always wear safety glasses when cutting materials.

IMPORTANT! This model of shower door may have both a tapered and straight style of wall jamb enclosed. Follow the directions for the proper wall jambs.

☐ Measure from wall to wall at the flattest part of the shower ledge (dimension D).

☐ If you are using the straight wall jambs, **subtract 1/8″ (3 mm) from dimension ″D″** and cut the bottom track to this dimension. For best results, use a 32-tooth hacksaw blade and a miter box.

☐ If you are using the tapered wall jambs, **subtract 2-1/2″ (6.4 cm) from dimension ″D″** and cut the bottom track to this dimension. For best results, use a 32-tooth hacksaw blade and a miter box.

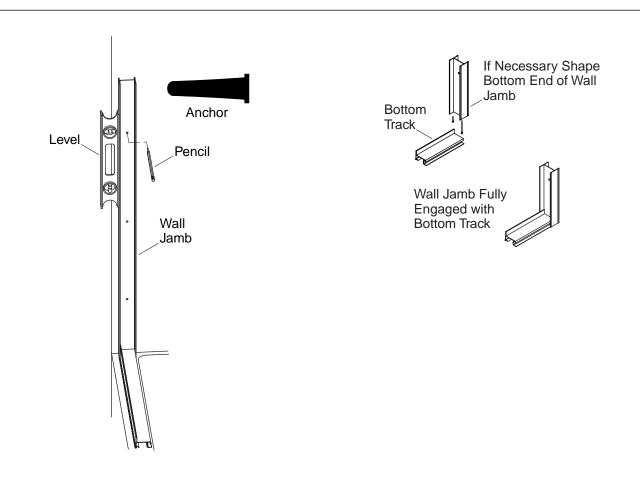☐ File the rough edges smooth where the bottom track was cut taking care not to mar the finished surface.

NOTE: If there are curves where the sidewalls meet the threshold, contour the bottom track edges to match the curves.

Bottom Track Leg Toward
Outside of Shower

Space to Be
Same on
Each End

Bottom Track

2. Locate the Bottom Track

NOTE: The track must sit flat. If the ledge has a curve in the corners or is constructed of fiberglass, it may be necessary to shape the ends of the track with a file.

☐ Place the bottom track on the flattest part of the ledge with the leg toward the outside of the shower.

☐ Situate the bottom track so there is an equal gap between each wall and the ends of the track and temporarily fasten the track to the ledge with masking tape.

☐ Mark the ledge along the front edge of the track with a soft pencil.

Level

Anchor

Pencil

Wall
Jamb

If Necessary Shape
Bottom End of Wall
Jamb

Bottom
Track

Wall Jamb Fully
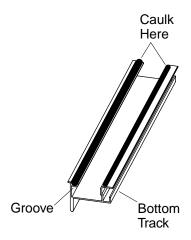Engaged with
Bottom Track

3. Mark the Wall Jamb Locations

☐ Position a wall jamb against the wall directly over the bottom track. The wall jamb should sit flat against the wall.

☐ Slide the wall jamb down over the bottom track until the wall jamb and bottom track are fully engaged.

NOTE: The wall jamb must sit flat on the bottom ledge. If your ledge has a curve in the corners at the side wall, it may be necessary to shape the bottom end of the wall jamb with a file.

☐ Use a level to align the wall jamb vertically and mark the hole locations on the wall.

☐ Repeat the procedure with the other wall jamb.

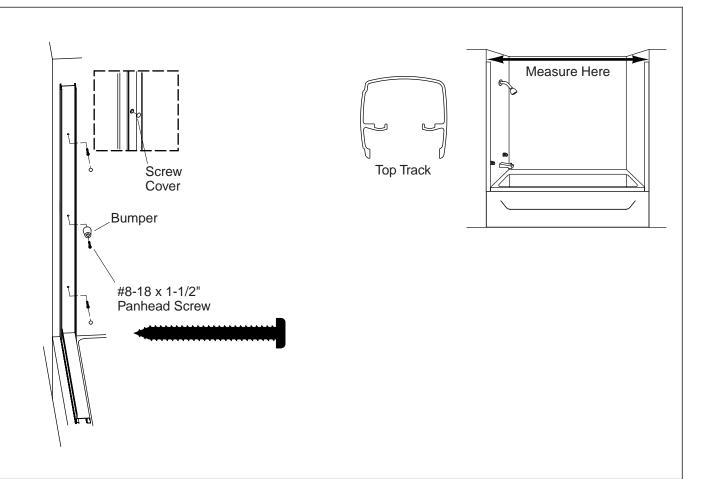☐ Remove the bottom track and wall jambs.

NOTE: When installing on ceramic tile, use a center punch to nick the surface of the glaze. Tap the center punch **lightly** with a hammer to avoid cracking the tile.

☐ Lightly center punch the hole locations.

☐ Drill a 3/16″ hole at each mark. Use a masonry bit for ceramic tile.

☐ Thoroughly clean the shower floor ledge and wall.

☐ Insert plastic anchors in each hole.

Caulk
Here

Groove

Bottom
Track

4. Caulk the Bottom Track

▢ Remove the bottom track from the shower ledge.

▢ Apply a bead of caulk in the groove on the underside of the bottom track.

▢ Apply a second, smaller bead of caulk to the other edge on the underside of the bottom track.

▢ Install the bottom track on the ledge at the marked location.

Screw
Cover

Bumper

#8-18 x 1-1/2"
Panhead Screw

Top Track

Measure Here

5. Install the Wall Jambs

☐ Place a wall jamb over the bottom track. Align the holes in the wall jamb with the holes in the wall.

☐ Secure the wall jamb to the wall with three #8-18 x 1-1/2″ panhead screws.

☐ Repeat with the second wall jamb.

☐ Install screw covers over the top and bottom screws in each wall jamb.
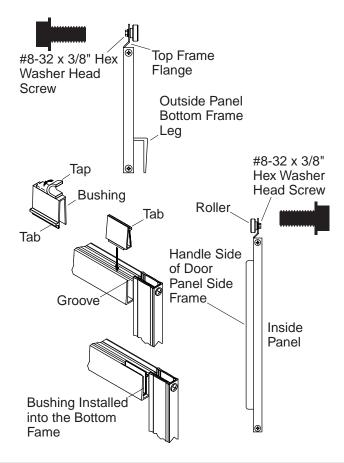
6. Install the Top Track

NOTE: The top track is designed so either side may be positioned facing outward according to your preference.

☐ Measure the distance from wall to wall at the top of the wall jambs. This is the length to cut the top track.

☐ Mark the top track at the determined cutting dimension.

NOTE: For best results use a miter box and 32-tooth per inch hacksaw to make the cut.

NOTE: Cut the top track on the inside edge of the mark (1/32″ (1 mm)) to allow space for the top track to slide into place easily.

☐ Cut the top track.

☐ File the rough edges smooth where the top track was cut, taking care to avoid damaging finished surfaces.

☐ Position the top track over the wall jambs and gently push down.

#8-32 x 3/8" Hex Washer Head Screw

Top Frame Flange

Outside Panel Bottom Frame Leg

Tap

Bushing

Tab

Tab

Groove

Tab

#8-32 x 3/8" Hex Washer Head Screw

Roller

Handle Side of Door Panel Side Frame

Inside Panel

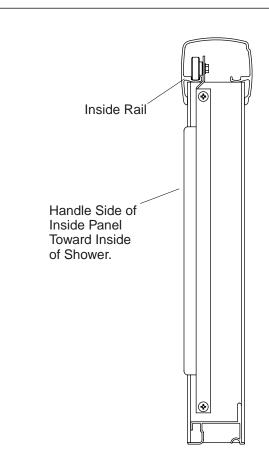Bushing Installed into the Bottom Fame

7. Install the Rollers - Outside Panel

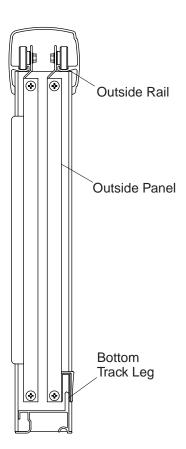**NOTE:** The steel side of the roller must be installed against the top frame flange.

- ▢ Place the rollers on the top frame flange. The roller should face the bottom frame leg.

- ▢ Secure the rollers to the top frame flange with #8-32 x 3/8″ hex washer head screws.

- ▢ Lay the outside door panel on a flat surface taking care to protect the glass.

- ▢ Cut two 7/8″ (2.2 cm) long pieces of the provided adhesive tape.

- ▢ Remove the protective paper from the adhesive side of the tape and attach the tape to the bushings.

- ▢ With the bushing tab toward the bottom frame groove, pinch the bushing legs together and push down until the bushing tab snaps into the bottom frame groove.

- ▢ Locate the bushings 1/4″ (6 mm) from each end on the bottom frame of the outside panel.

8. Install the Rollers - Inside Panel

NOTE: The steel side of the roller must be installed against the top flange frame.

- ▢ Place the rollers on the top frame flange, facing the handle side of the door panel side frame.

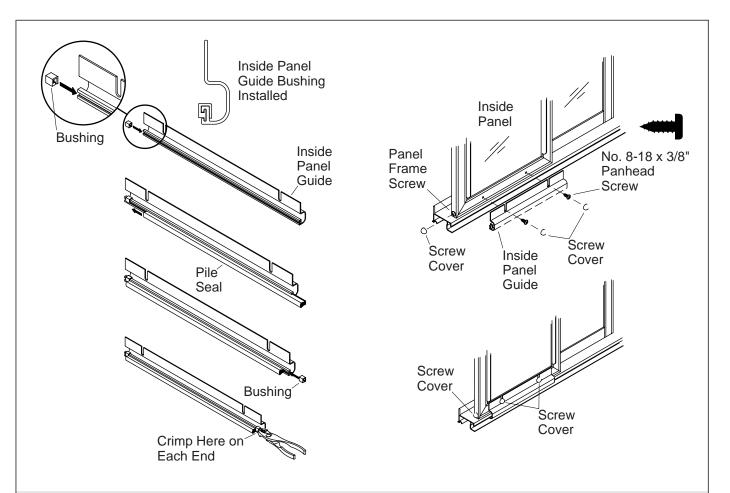- ▢ Secure the rollers with #8-32 x 3/8″ hex washer head screws.

Inside Rail

Handle Side of
Inside Panel
Toward Inside
of Shower.

Outside Rail

Outside Panel

Bottom
Track Leg

9. Install the Inside Door Panel

NOTE: Perform these installation steps from outside the shower. Install the inside panel first.

NOTE: When installing the inside panel, lift the panel with the handle side toward the inside of the shower and slide the rollers into the top track.

☐ Lift the door panel.

☐ Hang the rollers on the appropriate rail on the top track. Make sure the bottom of the door panel sits inside of the bottom track.

☐ Check the panel for proper alignment and smooth operation.

☐ If adjustment is needed, remove the panel.

☐ Loosen the roller screw(s) and move the roller(s) in the slot to align the panel.

☐ Tighten the screws and reinstall the panel.

☐ Repeat the procedures with the outside door panel.

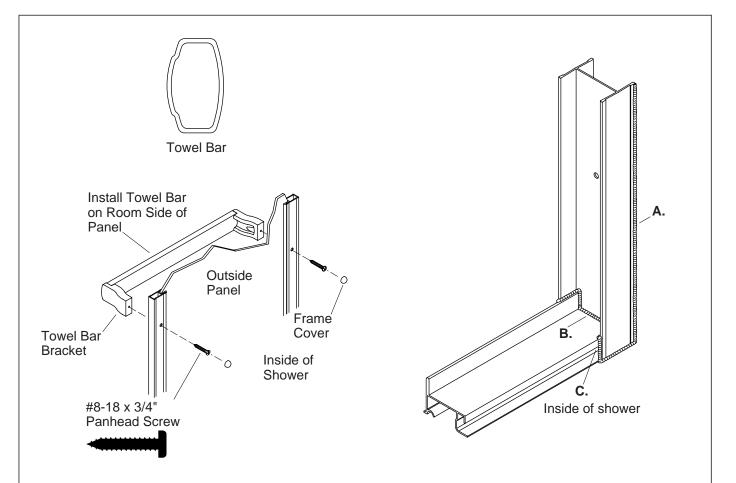☐ Align the inside panel with the wall jamb on the showerhead side of the shower.

Inside Panel Guide Bushing Installed

Bushing

Inside Panel Guide

Inside Panel

Panel Frame Screw

No. 8-18 x 3/8" Panhead Screw

Pile Seal

Screw Cover

Inside Panel Guide

Screw Cover

Bushing

Screw Cover

Crimp Here on Each End

Screw Cover

10. Install the Seal

☐ Install a bushing into one end of the inside panel guide.

☐ Measure the length of the panel guide, subtract 1″ (2.5 cm), and cut the seal to the resulting length.

☐ Slide the seal into the panel guide.

☐ Install a bushing into the other end of the panel guide.

☐ Use a pliers to crimp each end of the panel guide to keep the bushings from sliding off.

11. Install the Panel Guide

NOTE: Perform these installation steps from inside the shower.

☐ Install the panel guide in the opening in the bottom track.

☐ Align the slots on the panel guide with the holes in the inside bottom frame.

☐ Loosely thread two #8-18 x 3/8″ panhead screws through the guide and into frame. Do not tighten at this time.

☐ Push the guide all the way into the bottom track.

☐ Lower the guide slightly for clearance and tighten the screws.

☐ Move the panel back and forth along the full width of the opening.

☐ If the panel sticks, loosen the screws and adjust the guide.

☐ Repeat until the door operates smoothly.

☐ Install screw covers over the panel guide screws.

☐ Install screw covers over the four frame screws at the bottom of the panels.

Towel Bar

Install Towel Bar
on Room Side of
Panel

Outside
Panel

Frame
Cover

Towel Bar
Bracket

Inside of
Shower

#8-18 x 3/4"
Panhead Screw

A.

B.

C.
Inside of shower

12. Install the Towel Bar

NOTE: The towel bar is designed for either side to face out.

☐ Determine which side of the towel bar will face out.

☐ Insert a towel bar bracket into each end of the towel bar.

☐ Align the towel bar and brackets on the room side of the outside panel.

☐ Secure the towel bar to the panel with two #8-18 x 3/4″ panhead screws.

☐ Install screw covers over the screws.

13. Final Caulking

NOTE: Thoroughly clean and dry all dust, dirt, and grease from the bottom track and shower ledge surfaces where caulk will be applied.

Carefully caulk where:

☐ (A) the wall jambs and wall meet inside the shower.

☐ (B) the bottom track and wall jamb join.

☐ (C) the inside of the frame where the wall jambs and bottom track meet.

☐ Allow the sealant to cure following the sealant manufacturer's instructions before using the shower.

Phone: 1-888-STERLING (1-888-783-7546)

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