

— seat *slide* instructions on other side —

INSTALLATION

Read instructions completely before installing.

Ribbed Styled Stanchion Bases – Model 99235 is used with 2-7/8" diameter ribbed style stanchion tubing, 1/8" thick wall. Replacement bearing cup – use Model 99237.

Smooth Styled Stanchion Bases – Model 99235-21 is used with 2-7/8" diameter smooth style stanchion tubing, 1/8" thick wall. Replacement bearing cup – use Model 99237-21.

REFER TO FIG. 1

1. Determine which side of seat you want the operating handle "D".
2. Position Retaining Spacers "E" and "G" and Seat Swivel on seat bottom and align 4 mounting holes.

NOTE: It is especially important to use Retaining Spacers "E" and "G" with molded plastic bottom seats.

3. Secure Seat Swivel with appropriate hardware.

NOTE: Fasteners are not provided due to the wide variety of installations and different bolt lengths required.

NOTE: All Garelick EEz[®]In Brand seats use 1/4-20 threaded t-nuts, so 1/4-20 x 1-3/4" machine screws should be used.

Model 99235 Instructions (Ribbed Stanchion Base)

REFER TO FIG. 2

4. To enable the vertical stanchion tube to accept the bearing cup supplied, measure 1-11/16" from top of tube and drill one 7/16" diameter hole through one side wall only. Make certain hole is drilled perpendicular to tube surface, and between any 2 ribs on the tube.
5. Start by drilling a 1/8" diameter hole, followed by a 1/4" hole, followed by a 3/8" hole and finally drilling the 7/16" diameter hole. Starting with smaller sizes will prevent the drill bit from jumping around.

REFER TO FIG. 1

6. Remove cup "A" from casting. Depress tab and align boss with 7/16" diameter hole in tube. Slide cup onto tube until boss snaps into hole.
7. Install Swivel Assembly onto cup and **SECURE WITH WASHERS "B" AND SCREWS "C."**

Model 99235-21 Instructions (Smooth Stanchion Base)

REFER TO FIG. 3

4. Remove cup "C" from casting. Place cup on smooth tube. (Make sure cup is fully pushed onto the tube.) Drill three 3/16" diameter holes, through two walls of the cup and one wall of the tube, 1" from the end of cup, spaced 120° apart.
5. Tap supplied roll pins into each of the three holes. Make sure ends of roll pins are recessed in the plastic. (Ends of roll pins should not interfere with the casting or teeth.)
6. Install Swivel Assembly onto cup and **SECURE WITH WASHERS "B" AND SCREWS "C."**

SPECIAL NOTE: for rotational molded EEz[®]In seats:

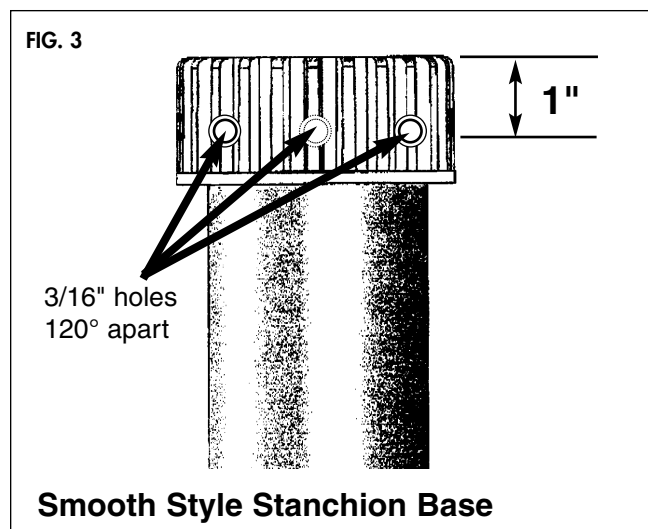
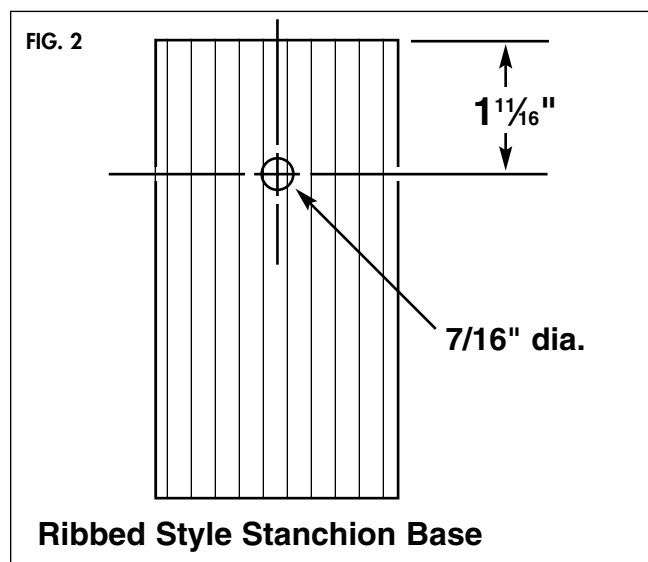
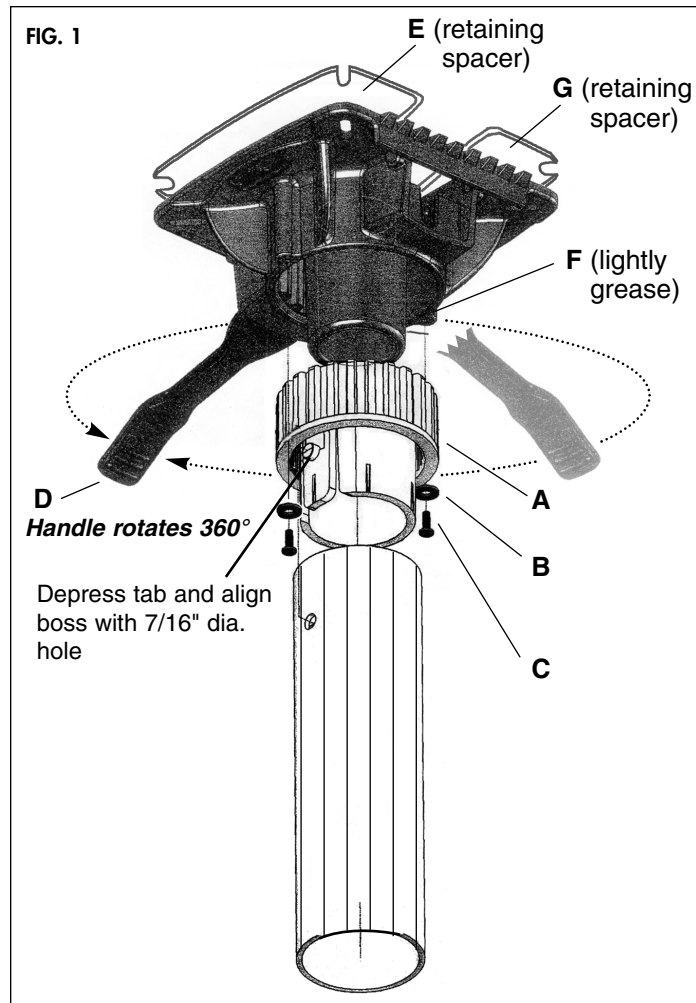
- A. Install reinforcement brackets between the seat swivel and seat bottom. (Reinforcement brackets are normally supplied with Garelick EEz[®]In Brand Rotational Molded Seats.)
- B. Make certain that portion of screw entering the seat shell's t-nut does not exceed 3/8". Seat shell t-nuts are 1/4-20 thread; use only 1/4-20 machine screws.

TO OPERATE

1. To rotate seat, lift handle "D" up to release lock; seat is now free to rotate 360 degrees. Rotate to desired position and release handle. To lock, slightly rotate seat until handle clicks and swivel top locks into position.

MAINTENANCE

1. Keep a light film of grease between the casting hub "F" and the cup.
2. Periodically check and tighten the mounting screws between the seat swivel and the seat bottom.



— seat *swivel* instructions on other side —

INSTALLATION

Read instructions completely before installing.

Ribbed Styled Stanchion Bases - Model 23000 is used with 2-7/8" diameter ribbed style stanchion tubing, 1/8" thick wall. Replacement bearing cup - use Model 99237.

Smooth Styled Stanchion Bases - Model 23000-21 is used with 2-7/8" diameter smooth style stanchion tubing, 1/8" thick wall. Replacement bearing cup - use Model 99237-21.

REFER TO FIG. 1

1. Position Seat Slide on seat bottom and align 4 mounting holes. See special note "A" below.

2. Secure Seat Slide with appropriate hardware.

NOTE: Fasteners are not provided due to the wide variety of installations and different bolt lengths required.

NOTE: All Garelick EEz[®]In Brand seats use 1/4-20 threaded t-nuts, so 1/4-20 x 1-3/4" machine screws should be used except when securing to rotational molded seats. See special note "B" below.

Model 23000 Instructions (Ribbed Stanchion Base)

REFER TO FIG. 2

3. To enable the vertical stanchion tube to accept the bearing cup supplied, measure 1-11/16" from top of tube and drill one, 7/16" diameter hole through one side wall only. Make certain hole is drilled perpendicular to tube surface, and between any 2 ribs on the tube.
4. Start by drilling a 1/8" diameter hole, followed by a 1/4" hole, followed by a 3/8" hole and finally drilling the 7/16" diameter hole. Starting with smaller sizes will prevent the drill bit from jumping around.

REFER TO FIG. 1

5. Remove cup "C" from casting. Depress tab and align boss with 7/16" diameter hole in tube. Slide cup onto tube until boss snaps into hole.
6. Install Slide Assembly onto cup and **SECURE WITH WASHERS "A" AND SCREWS "B."**

Model 23000-21 Instructions (Smooth Stanchion Base)

REFER TO FIG. 3

3. Remove cup "C" from casting. Place cup on smooth tube. (Make sure cup is fully pushed onto the tube.) Drill three 3/16" diameter holes, through two walls of the cup and one wall of the tube, 1" from the end of cup, spaced 120° apart.
4. Tap supplied roll pins into each of the three holes. Make sure ends of roll pins are recessed in the plastic. (Ends of roll pins should not interfere with the casting or teeth.)
5. Install Slide Assembly onto cup and **SECURE WITH WASHERS "A" AND SCREWS "B."**

SPECIAL NOTE: for rotational molded EEz[®]In seats:

- A. Remove reinforcement brackets from the seat bottom prior to installation. (Reinforcement brackets are normally supplied with Garelick EEz[®]In Brand Rotational Molded Seats.)
- B. Make certain that portion of screw entering the seat shell's t-nut does not exceed 3/8". Seat shell t-nuts are 1/4-20 thread; use only 1/4-20 machine screws.

TO OPERATE

1. To adjust fore and aft seat position, lift handle "D" up, slide seat to desired position and release handle. Slide will lock into position. Push handle down slightly to further secure in locked position.
2. To rotate seat, lift handle "E" up to release lock; seat is now free to rotate 360 degrees. Rotate to desired position and release handle. To lock, slightly rotate seat until handle clicks and swivel top locks securely into position.

MAINTENANCE

1. Keep a light film of grease on slide plate surface the casting slides on.
2. Keep a light film of grease between the casting hub and the cup.
3. Periodically check and tighten the mounting screws between the seat slide and the seat bottom.

