

REO Removable Kit Installation Instructions

PRECAUTIONS

Read this manual in its entirety before installing posts and rails. If there are any questions, call Alvarado at 909-591-8431 or 800-423-4143, Monday through Friday, 6:00 AM to 4:30PM PST.

Materials Enclosed:

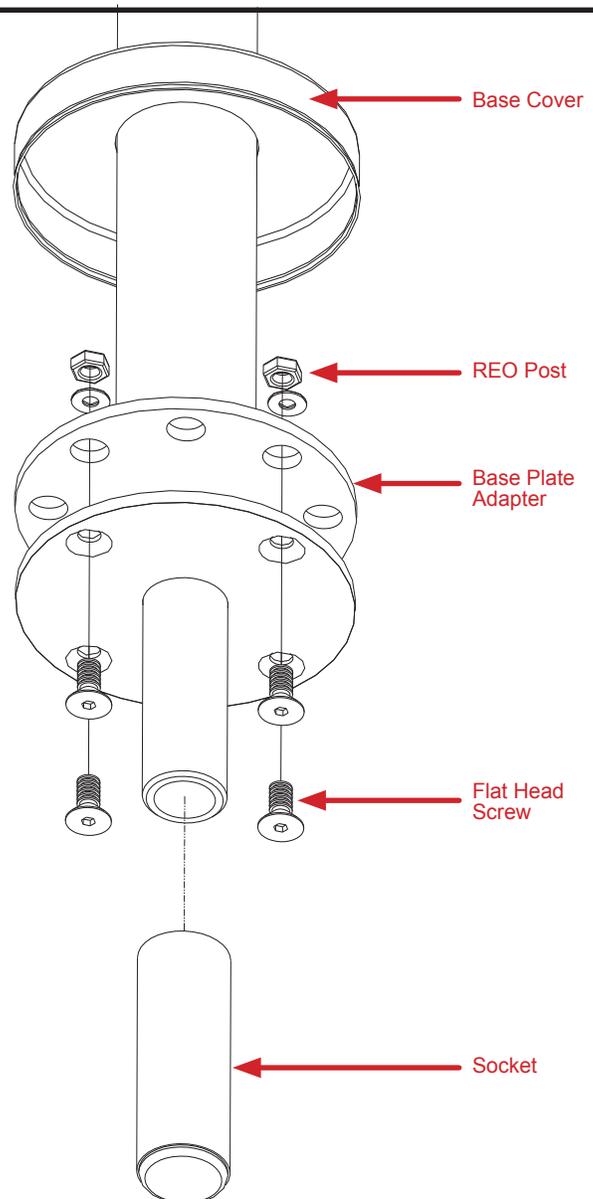
- 1 Base plate adapter
- 1 Socket
- 4 3/8-16 hex nut
- 4 5/16" Flat washer
- 4 3/8-16 3/4" Flat head screw

Tools Required:

- Core Drill
- 2-1/2" Concrete Drill Bit
- 7/32" Allen Wrench
- Cement
- Shop Vac

Installation Instructions

1. Attach the base plate adapter to the bottom of the post using the 4 head screws, flat washers, and hex nuts as shown in the figure on the right.
2. At the installation site, mark the center location for each post.
3. Using the core drill, drill a 2 1/2" diameter X 4 1/4" deep hole at each centerline location. Vacuum ALL dust and debris from each hole. If this is not done correctly, the posts may not be seated properly.
4. Fill each hole with 2" of concrete and place a socket in each hole, making sure that the tops of the sockets are flush with the floor. Place the posts in the sockets, making sure any rail outlets are aligned correctly, and make sure that the posts are straight and level.
5. Allow the concrete to set. Once concrete has set, remove the post and fill the remaining area around the socket with concrete. Allow the concrete to set again.
6. Reinsert the posts into the sockets and insert any connecting rails between the posts.
7. Insert the base cover over the post flange.



**Maintenance:**

Clean posts and rails with the correct type of cleaner for their finish:

- **Chrome:** Use a general all-purpose cleaner with a soft cloth
- **Stainless Steel:** Use a Stainless Steel polish or cleaner. If a heavy scratch or mark is apparent use a metal blend or finish pad.
- **Powder coat:** Use a soft damp cloth. Any deep scratches or chips should be touched up to prevent rust.

NOTE

If untreated, rust will spread under the surface.

Replace any bent or broken pieces IMMEDIATELY.

Periodically tighten any loose bolts.

Warranty:

Alvarado Manufacturing Company warrants the equipment being sold against defects in material and workmanship, for a period of one (1) year from the date of purchase providing recommended installation and maintenance procedures are followed. This warranty is void if damage was due to improper installation, maintenance or use. The manufacturer is not responsible for any shipping or labor charges incurred in the removal or replacement of defective parts.