1. Using a table saw, rip one side of the post in half. Flip the post over to rip the other side. Keep the same edge against the guide to insure an even cut.
2. Using a table saw or chop saw, cut your post cap in half.
3. Attach a Trex® Transcend® or a treated wood 2x4 to the pillar using appropriate anchors. A construction adhesive also would be recommended.
4. Secure one of the half-posts to the 2x4 using composite screws.
5. Complete the fence section according to standard instructions.
6. Secure the half-cap to the post using composite screws, brad nails, or silicone construction adhesive.

Whenever a post attached to a pillar, it should be attached in a manner to ensure it will be secure from movement. Evaluate your installation environment to determine beforehand if the mounting surface is sufficiently strong to support the weight of the fence and the force of wind. The pillar attachment method is offered as a suggestion for securing a fence to a pillar and is not part of the standard installation process. Treated wood 2x4s are not Trex products and are not covered under warranty. Engineering may be necessary to determine if the pillars and pillar attachments will perform properly for your application.