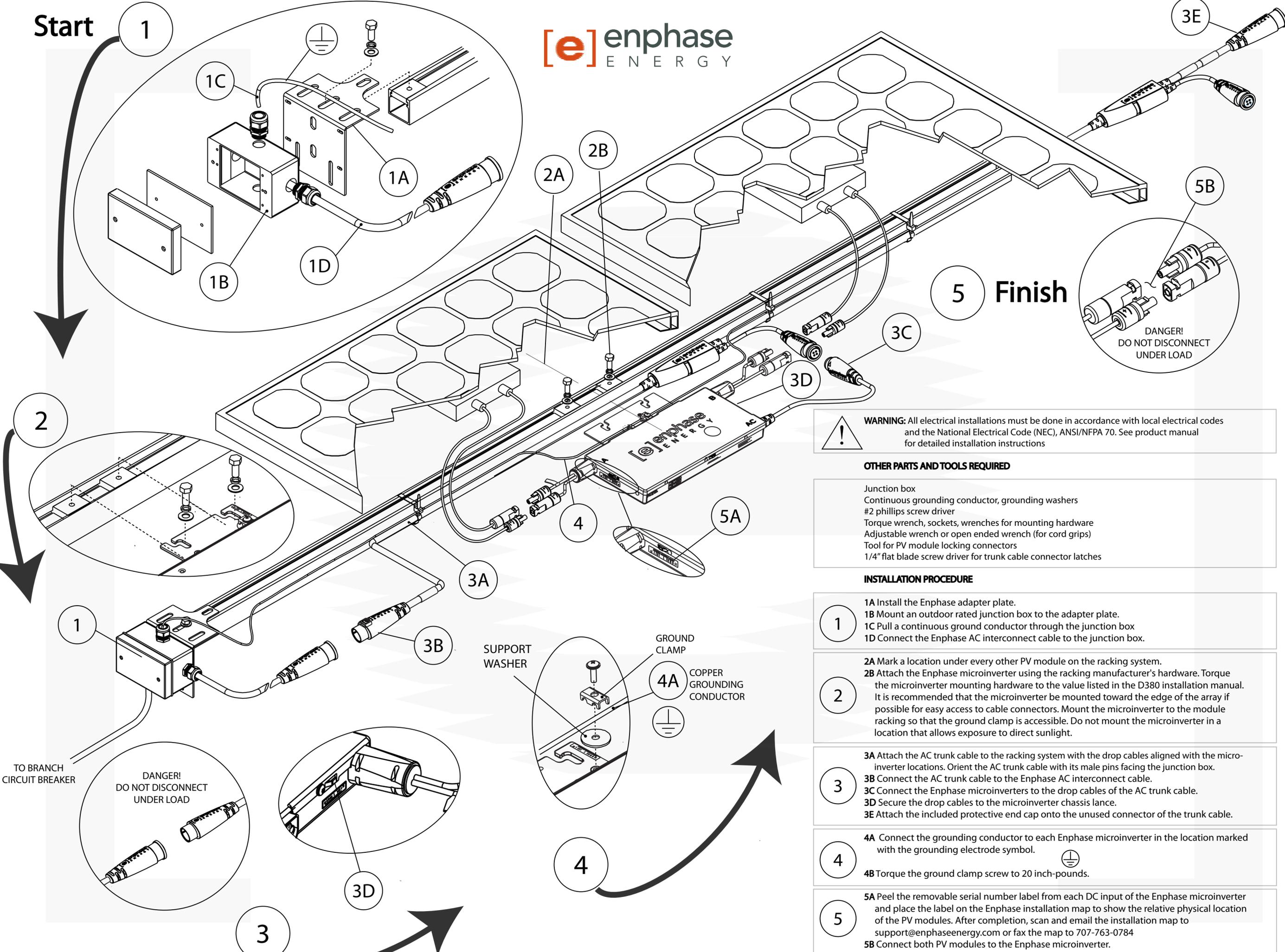
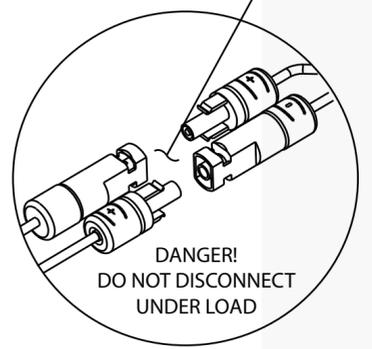


Start



5 Finish



**WARNING:** All electrical installations must be done in accordance with local electrical codes and the National Electrical Code (NEC), ANSI/NFPA 70. See product manual for detailed installation instructions

**OTHER PARTS AND TOOLS REQUIRED**

- Junction box
- Continuous grounding conductor, grounding washers
- #2 phillips screw driver
- Torque wrench, sockets, wrenches for mounting hardware
- Adjustable wrench or open ended wrench (for cord grips)
- Tool for PV module locking connectors
- 1/4" flat blade screw driver for trunk cable connector latches

**INSTALLATION PROCEDURE**

- 1A Install the Enphase adapter plate.  
1B Mount an outdoor rated junction box to the adapter plate.  
1C Pull a continuous ground conductor through the junction box  
1D Connect the Enphase AC interconnect cable to the junction box.
- 2A Mark a location under every other PV module on the racking system.  
2B Attach the Enphase microinverter using the racking manufacturer's hardware. Torque the microinverter mounting hardware to the value listed in the D380 installation manual. It is recommended that the microinverter be mounted toward the edge of the array if possible for easy access to cable connectors. Mount the microinverter to the module racking so that the ground clamp is accessible. Do not mount the microinverter in a location that allows exposure to direct sunlight.
- 3A Attach the AC trunk cable to the racking system with the drop cables aligned with the microinverter locations. Orient the AC trunk cable with its male pins facing the junction box.  
3B Connect the AC trunk cable to the Enphase AC interconnect cable.  
3C Connect the Enphase microinverters to the drop cables of the AC trunk cable.  
3D Secure the drop cables to the microinverter chassis lance.  
3E Attach the included protective end cap onto the unused connector of the trunk cable.
- 4A Connect the grounding conductor to each Enphase microinverter in the location marked with the grounding electrode symbol.  
4B Torque the ground clamp screw to 20 inch-pounds.
- 5A Peel the removable serial number label from each DC input of the Enphase microinverter and place the label on the Enphase installation map to show the relative physical location of the PV modules. After completion, scan and email the installation map to support@enphaseenergy.com or fax the map to 707-763-0784  
5B Connect both PV modules to the Enphase microinverter.

TO BRANCH CIRCUIT BREAKER

DANGER!  
DO NOT DISCONNECT  
UNDER LOAD

SUPPORT WASHER  
GROUND CLAMP  
4A COPPER GROUNDING CONDUCTOR