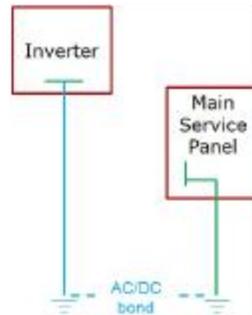
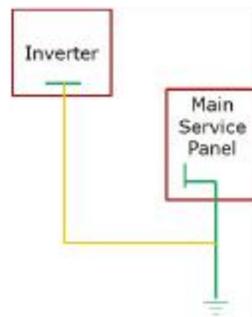


Grounding Electrode Conductor Requirements Article 690.47

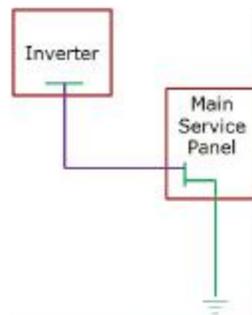
- 690.47(C)(1)
 - Separate DC Grounding Electrode System Bonded to the AC Grounding Electrode System
 - Bonding jumper shall be sized to largest GEC per 250.166(B)
 - Not smaller than #8 AWG copper



- 690.47(C)(2)
 - Common DC and AC Grounding Electrode System
 - DC GEC shall be connected to either:
 - Directly to AC grounding electrode
 - AC GEC in accordance with 250.64(C)(1) (irreversible splice, crimp, etc)



- 690.47(C)(3)
 - Combined DC GEC and AC Equipment Grounding Conductor
 - Sized larger of 250.122 and 250.166 requirements (not smaller than 8 AWG copper)



Paul Revere Chapter IAEI

Chris Sirols, Sirols Electric
Matt Plantedosi, The Cadmus Group, Inc.