



200A Disconnect Power Wire/Lug Modification

200A Disconnect Power Wire/Lug Modification

If the unit with the 200A disconnect being replaced was manufactured prior to August 23, 2004, this instruction sheet may be required.

ATTENTION

This procedure requires verification that the motor control center unit's remote power source(s) is disconnected and the respective disconnect(s) is locked in the OFF/O positions. In the case of a plug-in unit, remove the unit from the motor control center for servicing. Failure to follow these recommendations will cause equipment damage as well as severe injury or death to personnel.

ATTENTION

When drilling power wire connection lugs within the unit, take precautions to ensure metal particles do not fly into any of the electrical components within the unit. Metal particles that come into contact with electrical components will cause short circuits. Failure to take proper precautions will cause equipment damage as well as severe injury or death to personnel.

The replacement 200A disconnect termination hardware may not allow the power wire connection lugs to be attached on either the line side, load side or both line and load sides. The stud hole in the power connection lugs may be too small to allow for the termination hardware. The termination hardware size has changed from 5/16" diameter hardware to 3/8" diameter hardware.

To accommodate the new hardware the stud hole in the power wire connections lugs may have to be enlarged for the new 3/8" hardware. Follow the steps below. Additionally, if the application is a main disconnect unit, the originally supplied customer power lugs will need to be replaced. The lugs are supplied with the replacement 200A disconnect.

1. If the disconnect/fuse holder termination hardware does not allow the power wire connection lugs to fit, the stud hole in the lugs needs to be enlarged to a larger diameter.
2. The recommended stud hole size for the 3/8" termination hardware is 13/32" (0.406").
3. Once the stud holes have been enlarged, reinstall the power wires or customer power lugs. Check that the phasing is correct. The torque required for the termination hardware connection is 175 lb-in (20Nm).

AB Parts

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Publication 2100-IN058A-EN-P - September 2004

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