

Electric Meter Jumper Leads Operation Manual

USJL-001 Manual Rev. 1.5 (3-6-14)

Our Electric Meter Jumper Lead sets are a convenient and safe method to prevent a customer outage during meter removal or change-out.



The USJL-001 Electric Meter Jumper Lead Set has a maximum rating of 200 Amps and 240 Volts AC when attached in parallel (each individual lead has a maximum of 100 Amps).

USJL-001 has a ferrule connector and **can only be attached to meter sockets with horn bypass lugs**. Horn bypass lugs are a factory installed residential socket option. The horn bypass lugs consist of specially designed lugs with metal tangs that act as attachment points for insulated jumper leads.

The lack of exposed metal on the USJL-001 provides a substantial level of safety for the operator.

USJL-001 Electric Meter Jumper Leads - Ferrule End

WARNING

Carefully read and fully understand this manual prior to operating, maintaining or testing this device. Improper operation, handling or maintenance of this device can result in death, grievous personal injury and or equipment damage.

WARNING

Follow safe work procedures and practices when utilizing this device. Follow all existing codes, requirements and instructions for all equipment used in conjunction with this device.

WARNING

The Electric Meter Jumper Lead Set is to be used in a **temporary** capacity only. Do not utilize the tool in a permanent capacity or for extended periods of time.

WARNING

The Electric Meter Jumper Lead Set is **not waterproof**. Do not use this device in wet conditions.

Product Line

USJL-001	Ferrule Connection for Bypass Horn Lugs
USJL-002	Ferrule Connection for Bypass Horn Lugs w/ 100 Amp Breaker
USJL-003	Alligator Clamp Connection for Standard Lugs
USJL-004	Alligator Clamp Connection for Standard Lugs w/ 100 Amp Breaker

Phone (828)323-8914
 Fax (828)323-8410
 Email sales@utilityolutionsinc.com
 Web www.utilityolutionsinc.com
 101 33rd Street Drive SE · Hickory, NC 28602



BEFORE Installing

Visually inspect the tool to verify that the protective cable is not cut or damaged.

Prior to installation of the USJL-001 ensure that all four insulated handles are in the receiving position. This means that the insulated handle has been unthreaded so that the copper attachment ferrule is just barely recessed inside the black insulated handle. The ferrule **should not protrude** from the insulated handle.

Also prior to installation ensure that the ferrule, when in the receiving position, has a wide enough attachment slot opening. If necessary unthread the ferrule past the insulated handle and use a large flat head screwdriver to open the slot accordingly.



WARNING



Only utilize this tool while wearing appropriate rated gloves and personal protective equipment.



DANGER



Contact with high voltage will cause death or grievous personal injury to the operator. Only use this device in conjunction with safe operating practices around energized lines and equipment.

Installation, Removal and Storage

1. Remove the Meter Enclosure Cover.
2. Push one end of a jumper lead ferrule over the load side bypass horn until fully seated.
3. Turn the insulated handle clockwise until the jumper ferrule firmly clamps onto the bypass horn.
4. Push the corresponding jumper lead ferrule over the source side bypass horn until fully seated.
5. Turn the insulated handle clockwise until the jumper ferrule firmly clamps onto the bypass horn.
6. Repeat the same process for the other side of the meter base with the remaining jumper lead.
7. Verify that the jumper leads are secure and will not interfere with the removal of the meter.
8. Remove the meter.
9. After the meter has been replaced remove the jumper leads one side at a time. Unthread and remove the insulated handle attached to the load side first followed by the corresponding source side ferrule.
10. Repeat the same process for the other side of the meter base.



Warranty

Utility Solutions, Inc. warrants the Electric Meter Jumper Lead Set for any defects in manufacturing for the period of one year. If the tool is returned within that time period, Utility Solutions, Inc. will replace the tool free of charge.