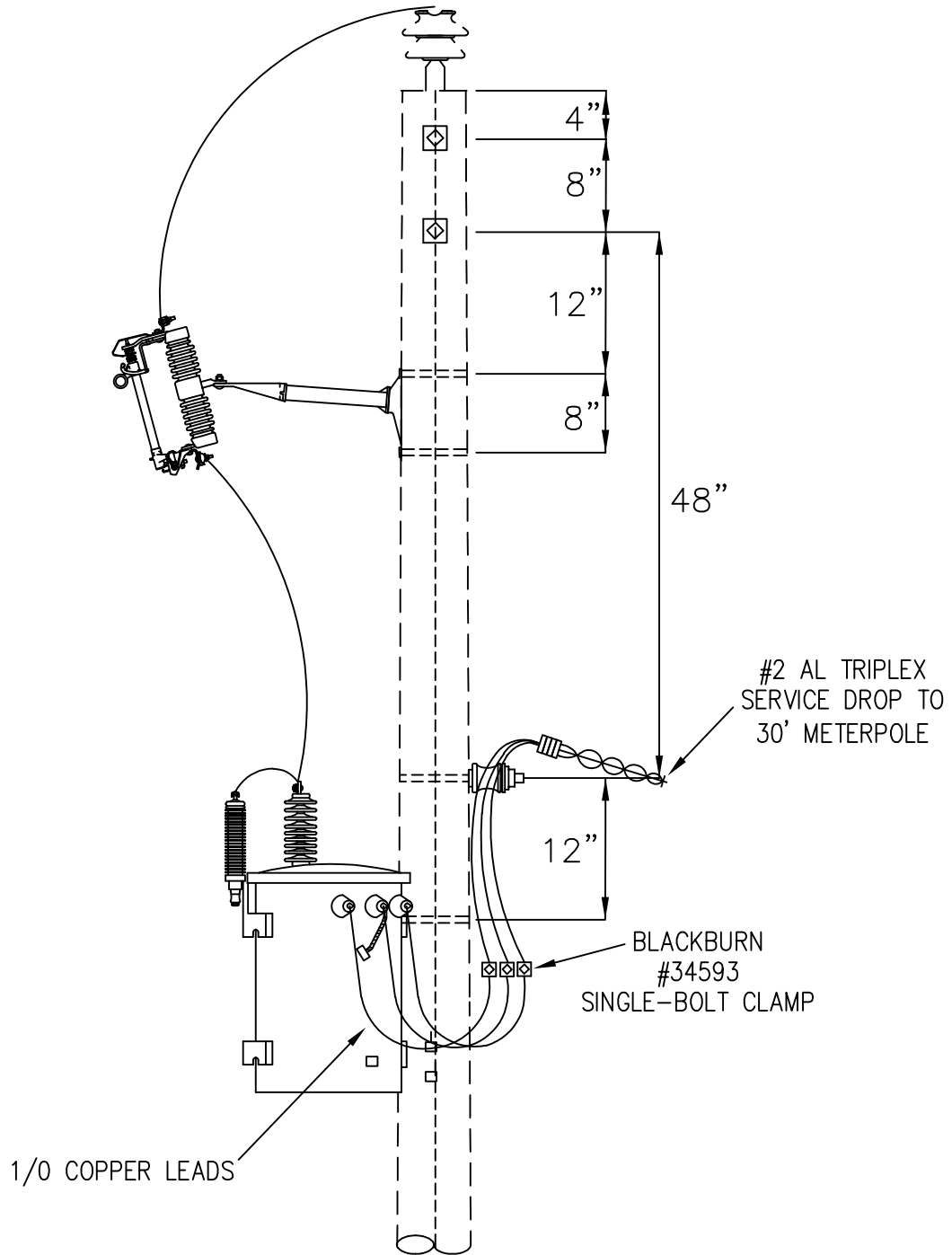


# Transformer Connector Change-out

## Apprentice Event

Mean Time: 8 Minutes  
Drop Dead Time: 10 Minutes

1. The apprentice will use a telescopic hot stick to open solid barrel from cutout and then retract hot stick.
2. Then you will move to the meter base and remove meter to protect from backfeeding, check voltage to see if meter base is dead.
3. You will put your climbing tools on and climb to transformer to begin connectors change-out from triplex service. (Blackburn Cat. # 34539) will be provided. Parallel groove clamp, Red Smith, parallel to copper. Just some of the names some call it.
4. You will simulate brushing the conductor.
5. You will have (4) groove clamp connectors but will only use (3) just in case you drop one. Keep in mind, point deduction if dropped. Also just tighten the connectors just enough to hold in place, do not bare down real tight.
6. After changing connectors, climb down and remove (ALL) climbing tools.
7. Close the solid blade in on cutout with the telescopic stick (must call out, COMING HOT). You do not have to put stick in the eye to close blade!
8. Retract the telescopic stick and lay on the ground.
9. Simulate checking voltage (also must call out voltage) 120/120/240.
10. TIME STOPS WHEN METER IS SET ON METER BASE.



TENNESSEE VALLEY LINEMAN RODEO

TRANSFORMER CONNECTOR CHANGE

DRAWN BY: MA

CHECKED BY: MA/JS

DATE: 3/11/2022

ASSEMBLY UNIT

2022  
TVLR  
EVENT

**A Quality Connector**

CA-A **GNDA** 34539  
AL-CU F I EL GROOVE CLAMP

Wif E RANGE

MAIN

TAP

1/0-8 ACSR  
1/0 STA-8 SOL AL

1/0 STR-8 SOL  
COPPER

*from*

**BLACKBURN**

1525 woodson Ad • St. t...ou1a. Mo6 1<sup>1</sup>/<sub>4</sub>

Quality Connector



On Rq. • Sr. Comr. Mo 03114

CKB  
KUN

MOU

JA

PARALLEL

MO