

ANDERSON POWERPOLES

CCARES MEETING 8/5/2025



IAN KIRK KE2AEB



ANDERSON POWERPOLES

HAVE BECOME THE “STANDARD” POWER CONNECTOR FOR HAM RADIO

RELIABLE CONNECTION FOR POWER SUPPLY TO RADIOS

SELF CLEANING CONTACTS (WIPING MOTION WHEN CONNECTING /DISCONNECTING)

TESTED FOR MORE THAN 10,000 cycles. (silverplated contacts)

RATED FOR UPTO 600 VOLTS





POWERPOLE CONNECTORS

Consist of Plastic Housing and Silver-plated Contacts.

Stainless steel spring keeps contacts together.

Housings are “Genderless” no Male /Female.

Contacts are selected based on Wire size.

Housings can be nested together.

Provides reliable electrical connection.

Note Same Housing is used for All Connectors



Correct Orientation



Right
Red
Tongue
Top
R R T T

Correct orientation for RACES and ARES Standard

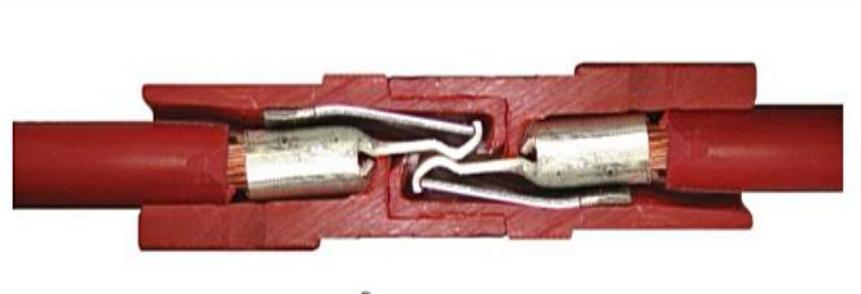
- Red on the RIGHT.
- Tongue to the TOP
- RRTT



RACES AND ARES STANDARD ORIENTATION

ALLOWS ALL OPERATORS IN USA AND EUROPE (AND POSSIBLY WORLDWIDE) TO CONNECT TO EACH OTHERS POWER SUPPLIES.

Note "Roll Pin" inserted to keep Connectors Together



CUTAWAY OF CRIMPED CONNECTOR



CORRECT ORIENTATION OF CONNECTORS

POWERPOLE ASSEMBLY



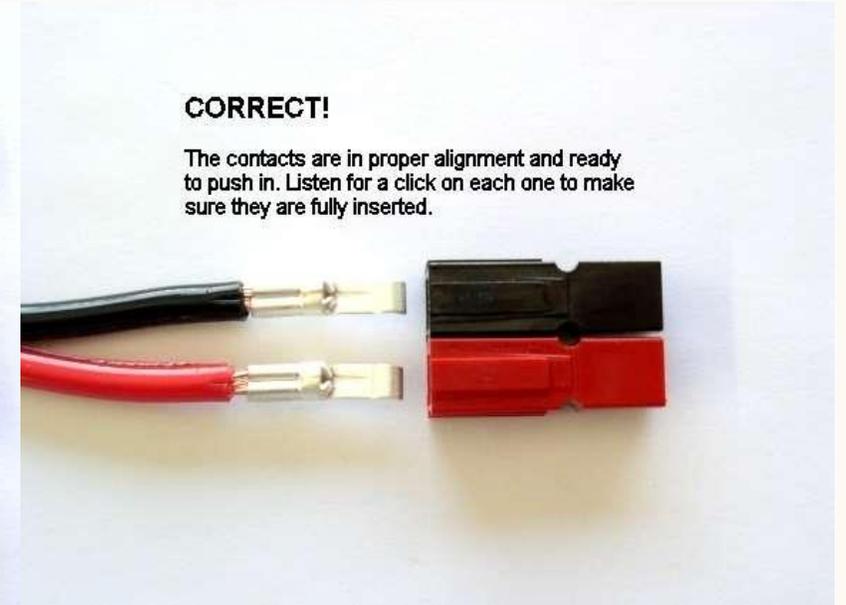
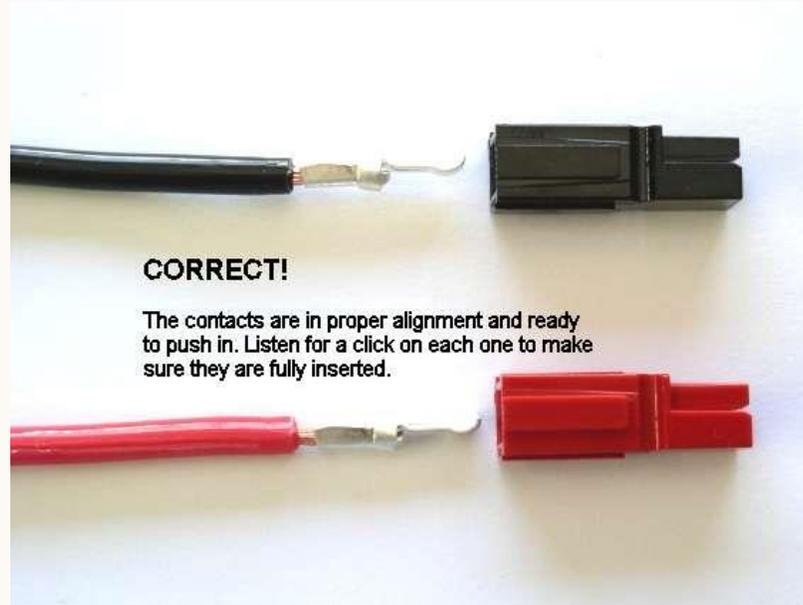
- **Strip wire**
- **Insert into crimp connector**
- **Insert connector into tool.**
- **Crimp until tool ratchet opens**

CORRECT CRIMP TOOL
15A 30A 45A

(iCrimp tool \$28 AMAZON)



INSERT CONNECTOR INTO HOUSING UNTIL YOU HEAR A “CLICK”



POWERPOLE ACCESSORIES



Rig runners Fused Power Distribution



Panel Mounted Sockets



Locking Pins to keep connectors together



BE AWARE OF “COPY” POWERPOLES

Genuine Anderson Powerpoles have a molded “A” on the Tongue.

Many Copy Powerpoles are available at a reduced price.....Purchase at your own Risk.

Kits are available containing all sizes of contacts.



\$49 from Powerwerx



Set of 10 connector pairs
30A \$12.99 Powerwerx



\$99 from Powerwerx

QUESTIONS ???

THANK YOU



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