



# ARNETT INDUSTRIES

*BRINGS YOU A COMPLETE OFFERING OF...*

**SERVICE CONDUCTOR TESTERS, FAULT LOCATORS, UTILITY TOOLS, & THEFT INVESTIGATION TOOLS**

*...TO MEET YOUR NEEDS*



# SERVICE CONDUCTOR TESTERS & FAULT FINDING EQUIPMENT CATALOG

## 80 AMP MEGA BEAST

Fully self-contained 80 amp load with digital meter readout. Tester indicates problems on secondary service. Quickly and accurately detects open neutrals. Meter verifies condition of secondary conductors and associated connections. Combo unit also available, combo includes plug-in meter base adapter and standard 3-clip connection, totaling 10' cable lead from tester box.



Catalog #	Description
HJA-900-D	Mega Beast Tester (only)
HJA-900-D-COMBO	Mega Beast Combo
HJA-900-D-PLUG	Meter Base Adapter
HJA-900-D-CLIP	Standard 3-clip connection
HJA-900-240V	240-Volt Mega Beast Tester

## Service Conductor Testers



## 20 AMP SUPER BEAST

Fully self-contained 20 amp load. Both digital and analog models available. Quickly and accurately detects open neutrals. Meter verifies condition of secondary conductors and associated connections. NEW- Super Beast-P, has a 5 second ON/OFF/ON pulsing feature, allowing single user cable identification. Combo unit is also available for each model, featuring additional plug-in meter base adapter and padded carrying case.

Catalog #	Description
HJA-469-PSCO	Super Beast Pulse Combo
HJA-469-DSCO	Super Beast Digital Combo
HJA-469-SCO	Super Beast Analog Combo
HJA-469-P	Super Beast Pulse
HJA-469-D	Super Beast Digital
HJA-469-S	Super Beast Analog
HJA-469-500	Meter Base Adapter
HJA-469-501	Padded Carrying Case

## 8 AMP MINI-BEAST

2-WIRE, 120 VOLT SERVICE CONDUCTOR TESTER

8 amp load quickly verifies proper transformer/ballast installation. Checks for proper line connection, transformer functionality and power quality. Many utilities use the Mini-Beast with street lighting.

Catalog #	Description
HJA-469-M	Mini Beast

## PINPOINTER

QUICKLY PINPOINTS ALL SECONDARY FAULTS IN DIRECT BURIED UNSHIELDED CABLES.

Catalog #	Description
HJA-471	UG Fault Locator
HJA-470-109	Rechargeable Battery Kit
HJA-470-210	A-Frame Detector
470-100	Detector with 9 Volt Battery
470-101-HDPKG	Probe & Cable Package



## Fault Locators

## DC SCOUT

THE D.C. SCOUT IS USED FOR LOCATING RESISTIVE OR NON-RESISTIVE CURRENT PATHS FROM D.C. BATTERY DISTRIBUTION SYSTEMS TO BUILDING GROUND, WITHOUT DE-ENERGIZING COMPONENTS OR LOADS IN THE SYSTEM.

Catalog #	Description
HJA-2525	D.C. Scout Locator
HJA-2525-117	Pulse Detection CT Probe

## RESTORE-A-PHASE

**NEW!** Restore customer service without turning off their power. Identify service issue with Mega/Super Beast, then keep service running as you repair with the Restore-A-Phase.

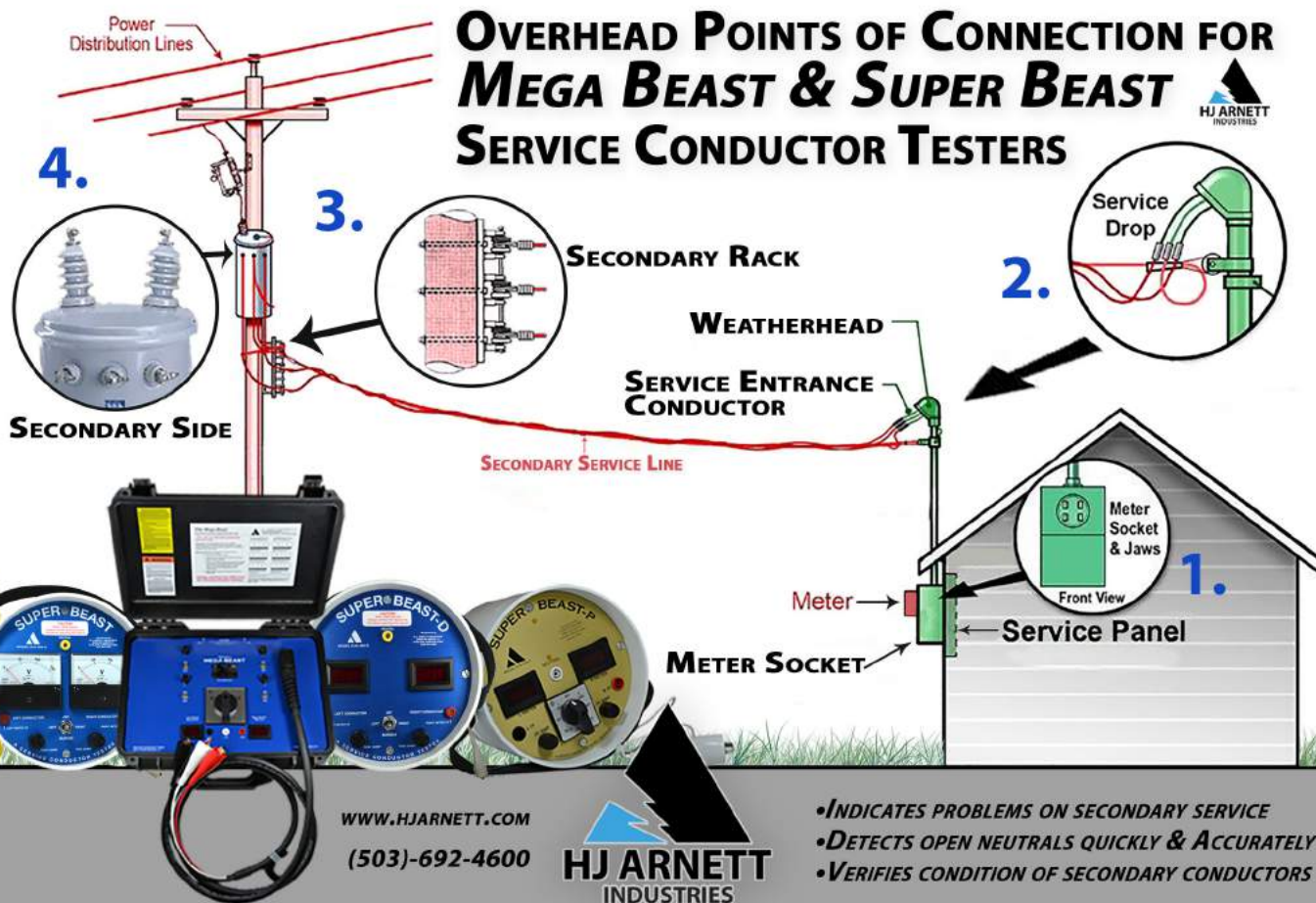
**Master Unit:** center tapped Auto-Transformer rated at 7.5 KVA with a dual 40 amp circuit breaker (HJA-RAP-M)

**Booster Unit:** additional 7.5 KVA (HJA-RAP-B)

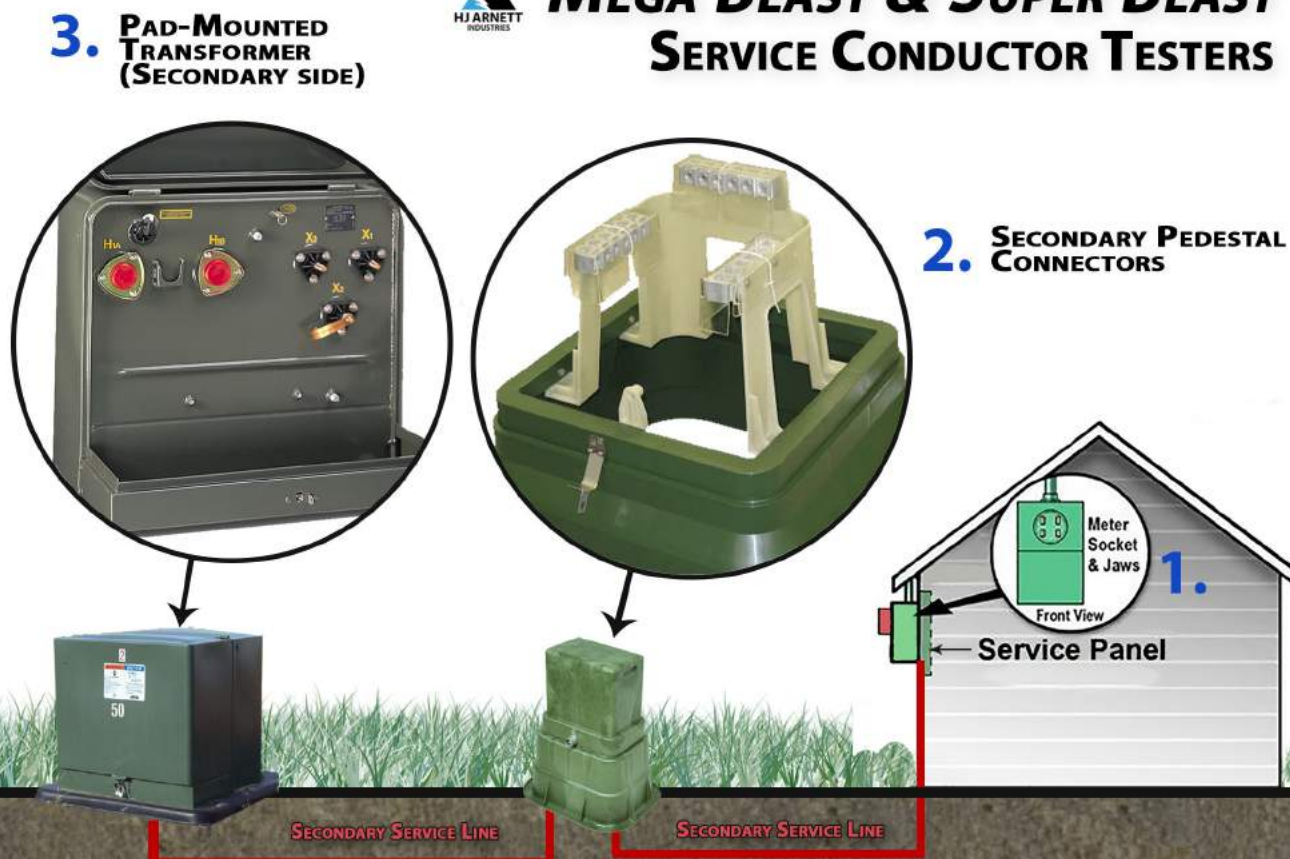
INDUSTRY LEADERS IN ELECTRICAL TESTING & PRODUCTS FOR UTILITIES & COMMUNICATIONS







## UNDERGROUND POINTS OF CONNECTION FOR MEGA BEAST & SUPER BEAST SERVICE CONDUCTOR TESTERS





# QUICK REFERENCE GUIDE: SUPER BEAST & MEGA BEAST READINGS

SERVICE VOLTAGES AND FLUCTUATIONS MAY DIFFER WITH EACH SERVICE LOCATION.  
UTILITIES ARE RESPONSIBLE FOR SETTING ACCEPTABLE VOLTAGE DROP STANDARDS.  
ACCURATE RESULTS WILL REQUIRE NEUTRAL CABLE ISOLATION (LINE SIDE).



**TEST: LEFT CONDUCTOR**

5% OR GREATER DROP = PARTIALLY OPEN LEFT CONDUCTOR  
LESS THAN 5% DROP = GOOD CONDUCTOR



**LEFT CONDUCTOR**  
PARTIALLY OPEN NEUTRAL



**LEFT CONDUCTOR**  
BAD LEFT CONDUCTOR



**LEFT CONDUCTOR**  
BAD LEFT CONDUCTOR



**UNIT CONNECTED TO METER BASE  
SHOWING LIVE SERVICE VOLTAGE; NO LOAD**

**\*ALWAYS WEAR SAFETY PROTECTION WHILE OPERATING THE UNIT.**



**LEFT CONDUCTOR**  
FULLY OPEN NEUTRAL



**RIGHT CONDUCTOR**  
FULLY OPEN NEUTRAL



**TEST: RIGHT CONDUCTOR**

5% OR GREATER DROP = PARTIALLY OPEN RIGHT CONDUCTOR  
LESS THAN 5% DROP = GOOD CONDUCTOR



**RIGHT CONDUCTOR**  
PARTIALLY OPEN NEUTRAL



**RIGHT CONDUCTOR**  
BAD RIGHT CONDUCTOR



**RIGHT CONDUCTOR**  
BAD RIGHT CONDUCTOR



INDUSTRY LEADERS IN  
ELECTRICAL TESTING & PRODUCTS  
FOR UTILITIES & COMMUNICATIONS



20460 SW AVERY COURT, TUALATIN, OR 97062  
PHONE (503) 692-4600 • FAX (503) 692-4661

[WWW.HJARNETT.COM](http://WWW.HJARNETT.COM)



# UTILITY TOOLS FROM ARNETT:

## Animal Guards & Deterrents

### THE SQUIRRELY

Squirrel & bird guard for secondary transformer bushings. Installed while the service is still energized with a shotgun or the Squirrely Installation Tool. Effective in preventing outages.

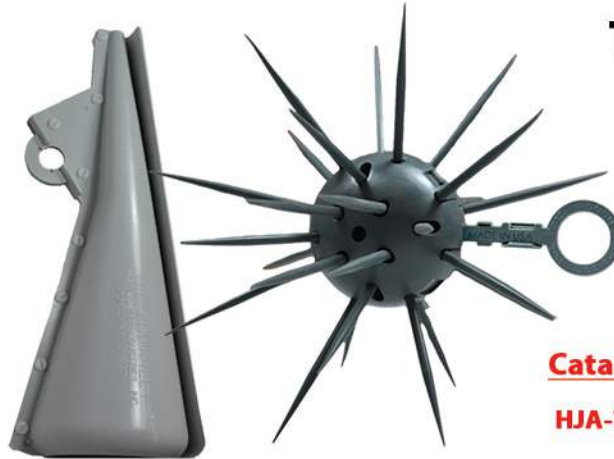
**Catalog #**

HJA-700



**Description**

The Squirrely



### THE SPIKEBALL

Deters birds from nesting in and around equipment. Can be installed on a live service using a "grip-all" hot stick. UV protected for extended life. Effective in preventing outages.

**Catalog #**

HJA-760



**Description**

The Spikeball

## ARNETT OFFERS SUPPORT

ALL BROCHURES, VIDEOS, MANUALS, AND TRAINING MATERIALS CAN BE FOUND AT  
[WWW.HJARNETT.COM/DOWNLOAD](http://WWW.HJARNETT.COM/DOWNLOAD)

ON-SITE TRAINING IS AVAILABLE. CALL FOR DETAILS. IF YOU CAN'T FIND WHAT YOU ARE  
LOOKING FOR, GIVE US A CALL AT (503) 692-4600

## FAIT: Glove Inspection Tool

Used for the DAILY visual air inspection of rubber gloves. Works with any size glove (11" gloves require additional air to be blown into gloves before rolling). Quick and inexpensive way to verify the integrity of insulating rubber gloves.



**Catalog #**

HJA-750



**Description**

Field Air Inflation Tool



## GROUNDING:

Custom built Personal Protective Grounds sets available.  
Call Arnett for details: (503) 692-4600



INFORMATION@HJARNETT.COM  
WWW.HJARNETT.COM

20460 SW AVERY COURT,  
TUALATIN, OR 97062

(P): (503) 692-4600  
(F): 503-692-4661



# NEW TOOLS FOR UTILITY THEFT INVESTIGATORS

## NEW TAP DETECTOR

Works on both energized & de-energized cables.

Quick, simple setup to identify & locate taps, shorts, & faults.

Several modes for locating taps & faults.

Save readings & transfer to PC for storage & printing.

Customize cable settings & setup to meet your territory's conditions. **PN: HJA-510-AC**



## CHECK METERS

- Finds unaccounted for energy usage (theft).
- Measures electric use as accurately as the utility revenue meter.

### THE RAM: REVENUE ASSURANCE METER

CHECK METER WITH BUILT-IN WI-FI MAKES IT EASY TO RETRIEVE DATA STRAIGHT TO YOUR LAPTOP.



**CONTACT ARNETT TODAY FOR PRICING / AVAILABILITY**  
**(503) 692-4600 | [INFORMATION@HJARNETT.COM](mailto:INFORMATION@HJARNETT.COM)**

## NEW! Non-Conductive Video Scope

### THE "BORES EYE": INSULATED VIDEOSCOPE

INTERESTED IN MORE INFORMATION? CALL ARNETT (503) 692-4600



**-Take images & videos - Save to SD Card**

**-Finding just 1 theft can pay for the device!**

THE NON-CONDUCTIVE "BOROSCOPE" ALLOWS THE USER TO SAFELY INVESTIGATE CONDUIT WITH A HD CAMERA & RECORD FINDINGS; AVAILABLE IN 3 LENGTHS!

#### Catalog #

**HJA-BE2030**

**HJA-2030-8MM-1M**

**HJA-2030-8MM-2M**

**HJA-2030-8MM-3M**

#### Description

BoreEye Video Fiberscope. 1000V Non-conductive coating, tested at Arnett

Video shaft, Non conductive, 8MM (dia) x 1M (length)

Video shaft, Non conductive, 8MM (dia) x 2M (length)

Video shaft, Non conductive, 8MM (dia) x 3M (length)

**HJ ARNETT**  
INDUSTRIES

**WE'RE ALWAYS LOOKING FOR NEW TOOLS  
TO HELP WITH YOUR PROBLEMS,  
CALL US WITH ANY NEEDS / IDEAS.**

INDUSTRY LEADERS IN  
ELECTRICAL TESTING & PRODUCTS  
FOR UTILITIES & COMMUNICATIONS

**ARNETT T&D**

[INFORMATION@HJARNETT.COM](mailto:INFORMATION@HJARNETT.COM)  
[WWW.HJARNETT.COM](http://WWW.HJARNETT.COM)

20460 SW AVERY COURT,  
TUALATIN, OR 97062

(P): (503) 692-4600  
(F): 503-692-4661