



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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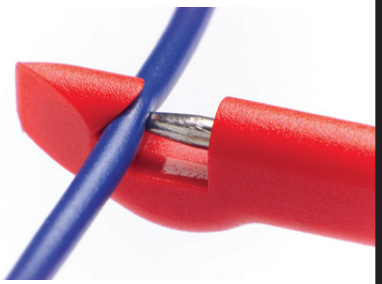
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Automotive Test Accessories



EZ-HOOK®

The Impossible Hookers™ for the Best Connections



VERSATILE TEST KIT COMPONENTS

INDIVIDUAL PLUG-IN COMPONENTS
PROVIDE KIT VERSATILITY

All automotive test kits are available with
XEL or 610XJL-3 Piercing Hook Models

XEL MODEL

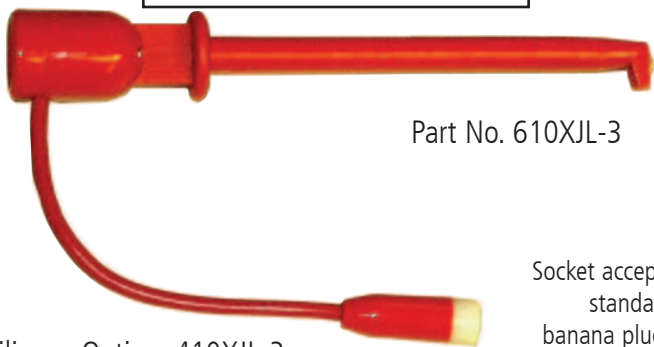
Part No. XEL



Socket accepts standard
and shrouded banana plugs

610XJL-3 MODEL

Part No. 610XJL-3



Silicone Option: 410XJL-3

Socket accepts
standard
banana plugs

PIN TIP TEST PROBE

Part No. 31



Socket accepts standard banana plugs

BANANA PLUG ADAPTER

Part No. 9384



Socket accepts standard and shrouded banana plugs

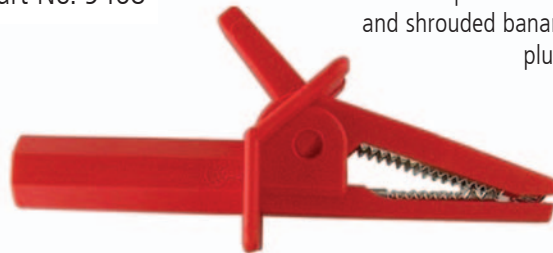
BUILD YOUR OWN KIT!

Select your own kit
components, or choose from one
of our preassembled
automotive kits.

LARGE ALLIGATOR CLIP

Part No. 9468

Socket accepts standard
and shrouded banana
plugs



STANDARD ALLIGATOR CLIP

Part No. 8016

Socket accepts
standard banana plugs



SOCKET ADAPTER

Part No. 9430

Socket accepts
standard and
shrouded banana plugs

Ideal for lead extension



AUTOMOTIVE TEST KITS

| KIT NO. | | KIT INCLUDES |
|--|---|--|
| 3501 Includes 610XJL-3 Model | 3601 Includes XEL Model | <ul style="list-style-type: none"> - Two (2) 36" banana plug to banana plug leads (1 red, 1 black), standard PVC wire (P/N 9183-36) - One (1) 144" banana plug to banana plug ground extension lead (black), standard PVC wire (P/N 9183-144) - Two (2) insulated alligator clips (1 red, 1 black) (P/N 8016) - One (1) pin tip test probe (red) (P/N 31) - One (1) insulation piercing hook (red) (select 610XJL-3 or XEL Model) |
| 3502 Includes 410XJL-3 Model | 3602 Includes XEL Model | <ul style="list-style-type: none"> - Two (2) 36" banana plug to banana plug leads (1 red, 1 black), silicone wire (P/N 9183SIL-36) - One (1) 144" banana plug to banana plug ground extension lead (black), silicone wire (P/N 9183SIL-144) - Two (2) insulated alligator clips (1 red, 1 black) (P/N 8016) - One (1) pin tip test probe (red) (P/N 31) - One (1) insulation piercing hook (red) (select 410XJL-3 or XEL Model) |
| 3503 Includes 610XJL-3 Model | 3603 Includes XEL Model | <ul style="list-style-type: none"> - Two (2) 36" banana plug to banana-plug leads (1 red, 1 black), coiled PVC wire (P/N 9183C) - One (1) 144" banana plug to banana plug ground extension lead (black), standard PVC wire (P/N 9183-144) - Two (2) insulated alligator clips (1 red, 1 black) (P/N 8016) - One (1) pin tip test probe (red) (P/N 31) - One (1) insulation piercing hook (red) (select 610XJL-3 or XEL Model) |
| 3504 Includes 610XJL-3 Model | 3604 Includes XEL Model | <ul style="list-style-type: none"> - Two (2) insulation piercing hooks (1 red, 1 black) (select 610XJL-3 or XEL Model) - Two (2) pin tip probes (1 red, 1 black) (P/N 31) - Two (2) insulated alligator clips (1 red, 1 black) (P/N 8016) - Two (2) heavy duty alligator clips to banana socket (1 red, 1 black) (P/N 9468) - One (1) deluxe PVC lead set (see below) (Part No. 3519) |
| 3505 Includes 410XJL-3 Model | 3605 Includes XEL Model | <ul style="list-style-type: none"> - Two (2) insulation piercing hooks (1 red, 1 black) (select 410XJL-3 or XEL Model) - Two (2) pin tip probes (1 red, 1 black) (P/N 31) - Two (2) insulated alligator clips (1 red, 1 black) (P/N 8016) - Two (2) heavy duty alligator clips to banana socket (1 red, 1 black) (P/N 9468) - One (1) deluxe silicone lead set (see below) (Part No. 3520) |

Rugged plastic box or nylon pouch included to hold all kit components.



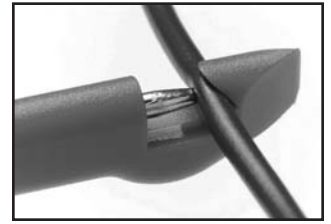
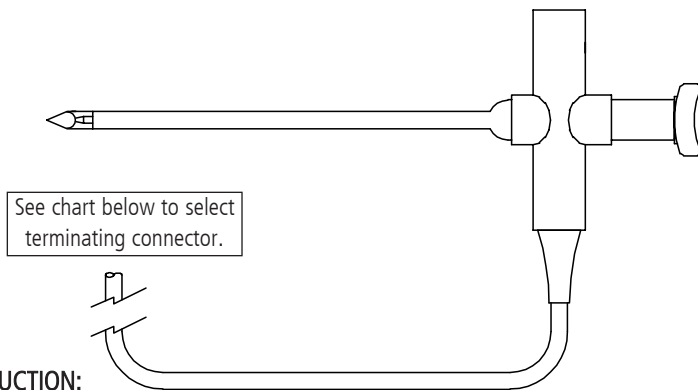
DELUXE LEAD SETS

| LEAD SET | PART NO. | LEAD WIRE TYPE | DESCRIPTION |
|----------|----------|----------------|--|
| | 3519 | PVC | <u>Includes Five Leads:</u> <ul style="list-style-type: none"> - Two (2) right angle banana plugs to standard banana plugs, 18" (R/B), see P/N 9820-18 (PVC) or 9897-18 (silicone) - Two (2) right angle banana plugs to standard banana plugs, 48" (R/B), see P/N 9820-48 (PVC) or 9897-48 (silicone) |
| | 3520 | Silicone | <ul style="list-style-type: none"> - One (1) standard banana plug to standard banana plug, 144" (black), see P/N 9183-144 (PVC) or 9183SIL-144 (silicone) |

XEL & XJL INSULATION PIERCING LEAD SETS

Insulation piercing leads let you make a connection while the engine is running, without unplugging or disconnecting wires. Sets come with your choice of the XEL or XJL hook to various terminating connectors. All sets contain one red and one black lead, available with standard PVC, coiled PVC, and silicone wire. Note: silicone wire is more resistant to gas, chemicals, and heat.

XEL INSULATION PIERCING TEST LEADS

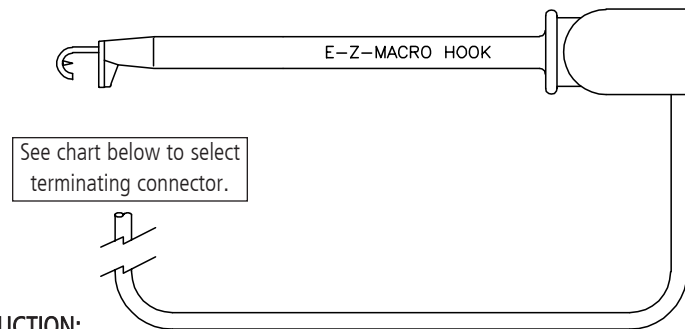


Screw driver style tip threads through wire bundles to easily extract the wire to be tested. V-Groove in tip centers various wire gauges for positive contact.

HOOK CONSTRUCTION:

A .060" diameter stainless steel needle contact is used to pierce wire insulation up to .150" in diameter. All plastic housing is molded durable nylon. A stainless steel compression spring provides approximately 40 oz. (1134 grams) contact pressure.

XJL INSULATION PIERCING TEST LEADS

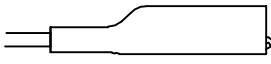
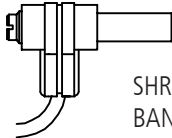
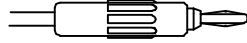


Piercing hook makes clean contact through insulation.

HOOK CONSTRUCTION:

Nickel-silver conductor and hook, .050" (1.27mm) thick. Hook fits over component leads up to .125" (3.18mm) diameter. Durable nylon body and plunger. Stainless steel compression coil spring provides approximately 40 oz. (1134 grams) contact pressure.








Test set contains two XEL or XJL E-Z-Macro Hooks (1 red & 1 black) with factory installed lead wires and connectors. Select terminating connector.

| TERMINATING CONNECTOR | LEAD WIRE TYPE | WIRE LENGTH (inches) | HOOK MODEL | PART NO. |
|---|----------------|----------------------|------------|--------------|
|  INSULATED ALLIGATOR CLIP | Standard PVC | 18" | XEL | 619XEL-18R/B |
| | | | XJL | 619XJL-18R/B |
| | Coiled PVC | extends to 60" | XEL | 619XELC-R/B |
| | | | XJL | 619XJLC-R/B |
| | Silicone | 18" | XEL | 419XEL-18R/B |
| | | | XJL | 419XJL-18R/B |
|  SHROUDED BANANA PLUG | Standard PVC | 48" | XEL | 633XEL-48R/B |
| | | | XJL | 633XJL-48R/B |
| | Coiled PVC | extends to 60" | XEL | 633XELC-R/B |
| | | | XJL | 633XJLC-R/B |
| | Silicone | 48" | XEL | 433XEL-48R/B |
| | | | XJL | 433XJL-48R/B |
|  STANDARD BANANA PLUG | Standard PVC | 36" | XEL | BXEL-36R/B |
| | | | XJL | BXJL-36R/B |
| | Coiled PVC | extends to 60" | XEL | BXELC-R/B |
| | | | XJL | BXJLC-R/B |
| | Silicone | 36" | XEL | BXEL4-36R/B |
| | | | XJL | BXJL4-36R/B |

Additional lengths and terminating connectors are available. Contact E-Z-Hook for more information: 1-(800)-995-HOOK (4665), or info@e-z-hook.com.

TEST LEAD SETS

Leads available as R/B sets (1 red, 1 black), or individual colors sold in red or black. All lead wire is 18 AWG unless otherwise noted.

| LEAD | PART NO. | LEAD WIRE TYPE | WIRE LENGTH (inches) |
|---|-----------------------|-------------------|--|
|  <p>Standard Banana Plug to Standard Banana Plug</p> | 9183-36 (color) | PVC | 36" |
| | 9183SIL-36 (color) | Silicone | |
| | 9183-144 (color) | PVC | 144" |
| | 9183SIL-144 (color) | Silicone | |
|  <p>Standard Banana Plug to Standard Banana Plug</p> | 9183C (color) | 20 AWG Coiled PVC | Extends to 60" |
|  <p>Insulated Alligator Clip to Insulated Alligator Clip</p> | 684-36 (color) | PVC | 36" |
| | 484-36 (color) | Silicone | |
| | 684-144 (color) | PVC | 144" |
| | 484-144 (color) | Silicone | |
|  <p>Insulated Alligator Clip to Standard Banana Plug</p> | 680H-36 (color) | PVC | 36" |
| | 480H-36 (color) | Silicone | |
| | 680H-144 (color) | PVC | 144" |
| | 480H-144 (color) | Silicone | |
|  <p>Shrouded Right Angle Banana Plug to Standard Banana Plug</p> | 9820-18 (color) | PVC | 18" |
| | 9897-18 (color) | Silicone | |
| | 9820-48 (color) | PVC | 48" |
| | 9897-48 (color) | Silicone | |
|  <p>Insulated Alligator Clip to Shrouded Right Angle Banana Plug</p> | 9819-(length) (color) | PVC | Available in inches: 18, 36, 48, 60 |
| | 9926-(length) (color) | Silicone | |
|  <p>Shrouded Right Angle Banana Plug to Shrouded Right Angle Banana Plug</p> | 9138-(length) (color) | PVC | Available in inches: 18, 36, 48, 60 |
| | 9925-(length) (color) | Silicone | |

Additional lengths and terminating connectors are available. Contact E-Z-Hook for more information: 1-(800)-995-HOOK (4665), or info@e-z-hook.com.

E-Z-FLEX ADAPTERS



| Part No. w/ SOCKET | Part No. w/ PIN | DIAMETER |
|--------------------|---|----------------|
| 9334 | 9338 | .030" (.762mm) |
| 9335 | 9339 | .040" (1.02mm) |
| 9336 | 9340 | .062" (1.60mm) |
| 9337 | 9341 | .094" (2.36mm) |
| KIT NUMBER | COMPONENTS | |
| 9099-0316 | 16-piece full set includes 1 red, 1 black of all 8 sockets and pins | |

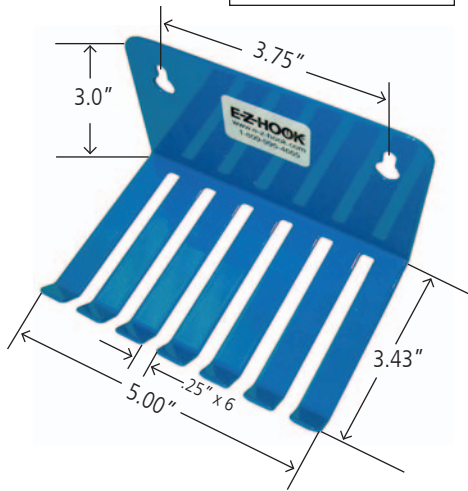
All 8 sockets and pins are available in colors red and black, and can be sold individually or in a kit. All pin and socket test adapters have a standard banana socket in the back.

WALL BRACKETS

| Part No. | Description |
|------------|---------------------|
| WB6 | 6-Slot Wall Bracket |

Small 6-slot wall bracket for test leads and cables.

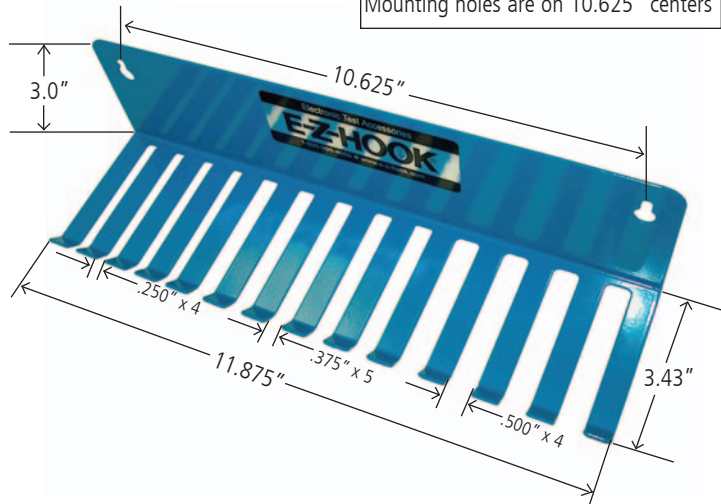
WB6 Dimensions:
 3.00" High x 5.00" Wide
 Fingers protrude 3.43"
 Slots are .25" wide
 Mounting holes are on 3.75" centers



| Part No. | Description |
|-------------|----------------------|
| WB14 | 13-Slot Wall Bracket |

Large 13-slot wall bracket for test leads and cables. Three distinct slot widths.

WB14 Dimensions:
 3.00" High x 11.875" Wide
 Fingers protrude 3.43"
 4 slots are .25" wide, 5 slots are .375" wide, and 4 slots are .500" wide
 Mounting holes are on 10.625" centers



The E-Z-Hook Motorcycle Streamliner was designed, built, and ridden by E-Z-Hook Engineer Sam Wheeler. The Streamliner currently holds the Overall Motorcycle World Speed Record at 332.410 MPH running in the 1350cc Blown Fuel Class. Wheeler set the record in August 2004. The design of the E-Z-Hook Streamliner, developed using CalTech's Guggenheim Aeronautical Lab Wind Tunnel, achieved an incredible low coefficient of drag of .1007. Visit our website at www.e-z-hook.com for our automotive products.

Since 1956 E-Z-Hook has been manufacturing electronic test accessories. Our extensive product line includes quality test and measurement products for the electrical, electronic, industrial, automotive, telecom, and medical fields. Products include test leads, adapters, connectors, hooks, probes, nail clips, wire, cable assemblies, and coaxial accessories. Custom manufacturing is available. For a full product catalog please contact us directly.

All parts in this catalog can be ordered individually

DISTRIBUTED BY:

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