

# **CALTERM<sup>®</sup>**

*Product Offering 2015*

Terminals

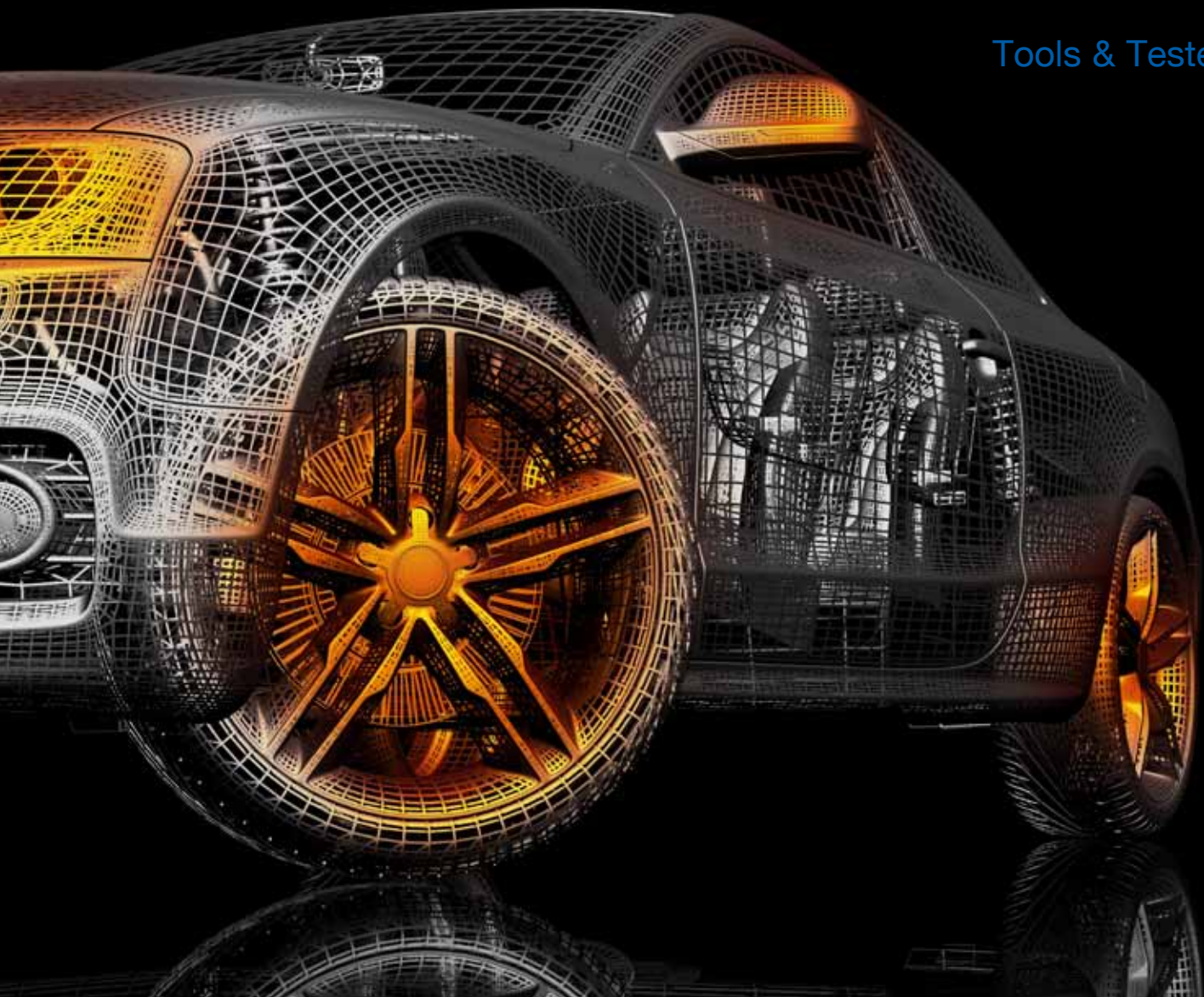
Primary Wire

Wire Management

Automotive

Switches

Tools & Testers



Calterm offers a wide variety of wire terminals and connectors. Standard and Performance grade terminals are available for Automotive, RV, Fleet and Truck wire connection applications. Select from PVC, nylon and heat shrink insulation for wire gauges from 18-4 AWG. For repair jobs, do it right the first time with Calterm Tech-Line™ terminals.

## INSULATION TYPE PER TERMINAL/ CONNECTOR

| Terminal Type                           | Nylon        |            |           |     |               |
|---|--------------|------------|-----------|-----|---------------|
|   | Shrink-Seal™ | Anti-Vibe™ | GoldTech™ | PVC | Non-Insulated |
| Butt Splices                            | ●            | ●          | ●         | ●   |               |
| Ring Terminals                          | ●            | ●          | ●         | ●   |               |
| Spade Terminals                         | ●            |            |           | ●   |               |
| Bullet Sets                             |              |            |           | ●   |               |
| Tab Disconnects F .110"                 |              |            | ●         |     |               |
| Tab Disconnects F .187"                 |              |            | ●         | ●   |               |
| Tab Disconnects F .250"                 | ●            | ●          | ●         | ●   |               |
| Tab Disconnects F .370"                 |              |            |           | ●   |               |
| Flag Disconnects F .250"                |              |            |           | ●   |               |
| Fully Insulated Tab Disconnect F 0.250" | ●            | ●          |           | ●   |               |
| Tab Disconnects M .250"                 | ●            |            |           | ●   |               |
| Fully Insulated Tab Disconnect M 0.250" | ●            |            |           |     |               |
| Tab Adapter 0.250"                      |              |            |           |     | ●             |
| T-Tap                                   |              |            |           | ●   |               |
| Quick Splices                           |              |            |           | ●   |               |
| Piggy Back Adapter .250"                |              |            |           | ●   |               |
| Bullet Splice F                         | ●            |            |           | ●   |               |
| Bullet Splice M                         | ●            |            |           | ●   |               |
| Twist-on Connectors                     |              |            |           | ●   |               |
| Closed-end Connectors                   |              |            |           | ●   | ●             |

## WIRE SIZES PER TERMINAL/ CONNECTOR

| Terminal Type                           | AWG   | AWG   | AWG   | AWG | AWG |
|---|-------|-------|-------|-----|-----|
|   | 22-18 | 16-14 | 12-10 | 8   | 4   |
| Butt Splices                            | ●     | ●     | ●     |     |     |
| Ring Terminals                          | ●     | ●     | ●     | ●   | ●   |
| Spade Terminals                         | ●     | ●     | ●     |     |     |
| Bullet Sets                             | ●     | ●     |       |     |     |
| Tab Disconnects F .110"                 |       | ●     | ●     |     |     |
| Tab Disconnects F .187"                 |       | ●     |       |     |     |
| Tab Disconnects F .250"                 | ●     | ●     | ●     |     |     |
| Tab Disconnects F .370"                 |       |       | ●     |     |     |
| Tab Disconnects M .250"                 | ●     | ●     | ●     |     |     |
| Flag Disconnects F .250"                |       | ●     |       |     |     |
| Fully Insulated Tab Disconnects F .250" | ●     | ●     | ●     |     |     |
| Fully Insulated Tab Disconnects M .250" |       |       | ●     |     |     |
| T-Tap                                   |       | ●     |       |     |     |
| Quick Splices                           | ●     | ●     |       |     |     |
| Piggy Back Adapter                      |       | ●     |       |     |     |
| Bullet Splice F                         | ●     | ●     |       |     |     |
| Bullet Splice M                         | ●     | ●     |       |     |     |
| Twist-on Connectors                     |       | ●     |       |     |     |
| Closed-end Connectors                   |       | ●     | ●     |     |     |

## Butt Splices



61010



65501



61011



65601

Used for quick and reliable crimp-type connections and wire repairs. Select splices by wire size and insulation type. Crimp both ends for a secure connection.

- PVC insulation for general duty
- Nylon Anti-Vibe™ for higher temperature, vibration-resistant applications (-40°F to 221°F)
- Shrink-Seal™ for waterproof heat shrink applications
- GoldTech™ Terminals for high-quality audio installations

|       |  |
|-------|--|
| 05827 | Calterm Butt Splice Kit 10-22 Awg; 36 Pc/Clam 4 Clams/Master   |
| 05860 | Shrink-Seal Butt Connector Kit 22-10 Awg; 75/Kit 6Kits/Master  |
| 61070 | Package Of 21 Pvc Butt Splices For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> )                        |
| 61011 | Minipak Waterproof Butt 22-18 Awg 1.25Mm <sup>2</sup>  |
| 65501 | Package Of 10 Anti-Vibration Butt Splices For 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Gauge Wire             |
| 65507 | Package Of 10 Anti-Vibration Butt Splices For 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Gauge Wire              |
| 65521 | Package Of 7 Anti-Vibration Butt Splices For 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Gauge Wire               |
| 61010 | Package Of 22 Pvc Butt Splices For Wire Gauge: 22 - 18 Awg (1.25 Mm <sup>2</sup> )                       |
| 61210 | Package Of 15 Pvc Butt Splices For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> )                        |
| 61335 | Package Of 16 Pvc Butt Splices For Wire Gauge: 22 - 10 Awg (1.25 - 5.5 Mm <sup>2</sup> )                 |
| 65601 | Package Of 10 Gold-Tech Butt Splice For 22-18 Awg (1.25 Mm <sup>2</sup> ) Gauge Wire                     |
| 65613 | Package Of 10 Gold-Tech Butt Splice For 16-14 Awg (2.0 Mm <sup>2</sup> ) Gauge Wire                      |
| 69010 | Package Of 100 Pvc Butt Splices For Wire Gauge: 22 - 18 Awg (1.25 Mm <sup>2</sup> )                      |
| 69070 | Package Of 100 Pvc Butt Splices For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> )                       |
| 69210 | Package Of 50 Pvc Butt Splices For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> )                        |
| 69360 | Package Of 25 Sets Pvc Tap Splices For 16-14 Awg (2.0 Mm <sup>2</sup> ) Gauge Wire                       |
| 61071 | Minipak Waterproof Butt 16-14 Awg 2.0Mm <sup>2</sup>   |
| 61211 | Minipak Waterproof Butt 12-10 Awg 5.5Mm <sup>2</sup>   |
| 65701 | Blister Shrink Butt Splice 22-18 Ga. 1.25Mm <sup>2</sup>   |
| 65707 | Package Of 10 Adhesive Lined Heat Shrink Butt Splices For 16 - 14 Awg (1.25 Mm <sup>2</sup> ) Gauge Wire |



## Ring Terminals



61030



65704

Used for terminating wires and securing to a bolt or stud.

- PVC insulation for general duty
- Nylon Anti-Vibe™ for higher temperature, vibration-resistant applications (-40°F to 185°F)
- Shrink-Seal™ for waterproof heat shrink applications
- GoldTech™ Terminals for high-quality audio installations
- Sizes to fit #8, #10, 1/4", 5/16", 3/8", 1/2" studs

|       |   |
|-------|---|
| 65524 | Package Of 7 Ring Terminals For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Stud Size: 1/4" (6 Mm)       |
| 65526 | Package Of 7 Ring Terminals For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Stud Size: 3/8" (10 Mm)      |
| 61030 | Package Of 21 Pvc Ring Terminals For Wire Gauge: 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Stud Size: #8          |
| 61040 | Package Of 21 Pvc Ring Terminals For Wire Gauge: 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Stud Size: #10         |
| 61090 | Package Of 22 Pvc Ring Terminals For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Stud Size: #8           |
| 61100 | Package Of 21 Pvc Ring Terminals For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Stud Size: #10          |
| 61110 | Package Of 17 Pvc Ring Terminals For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Stud Size: 1/4" (6 Mm)  |
| 61130 | Terminal Ring Minipak 16-14 Awg 2.0Mm <sup>2</sup> 3/8" Stud 10Mm   |
| 61230 | Package Of 14 Pvc Ring Terminals For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Stud Size: #10          |
| 61240 | Package Of 14 Pvc Ring Terminals For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Stud Size: 1/4" (6 Mm)  |
| 61250 | Package Of 13 Pvc Ring Terminals For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Stud Size: 5/16" (8 Mm) |
| 61260 | Package Of 13 Pvc Ring Terminals For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Stud Size: 3/8" (10 Mm) |
| 61270 | Package Of 5 Pvc Ring Terminals For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Stud Size: 1/2" (13 Mm)  |
| 61336 | Terminals Ring Minipak 22-10 Awg 1-5.5Mm <sup>2</sup> Assorted Sizes  |
| 65637 | Blister Goldtech Ring 12-10 Ga. 5.5Mm <sup>2</sup> 3/8" Stud 10Mm   |
| 65654 | Package Of 5 Gold-Tech Ring Terminals For 8 Awg (8.0 Mm <sup>2</sup> ) Gauge Wire                           |
| 65656 | Package Of 5 Gold-Tech Ring Terminals For 8 Awg (8.0 Mm <sup>2</sup> ) Gauge Wire                           |
| 65673 | Package Of 2 Gold-Tech Ring Terminals For 4 Awg (22.0 Mm <sup>2</sup> ) Gauge Wire                          |
| 69260 | Terminal Ring Trade-Pak 12-10 Awg 5.5Mm <sup>2</sup> 3/8" Stud 10Mm   |
| 65704 | Package Of 10 Adhesive Lined Heat Shrink Ring Terminals For 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Gauge Wire  |
| 65710 | Package Of 10 Adhesive Lined Heat Shrink Ring Terminals For 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Gauge Wire   |
| 65711 | Package Of 10 Adhesive Lined Heat Shrink Ring Terminals For 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Gauge Wire   |
| 65721 | Package Of 7 Adhesive Lined Heat Shrink Butt Splices For 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Gauge Wire      |
| 65723 | Package Of 7 Adhesive Lined Heat Shrink Ring Terminals For 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Gauge Wire    |
| 65724 | Package Of 7 Adhesive Lined Heat Shrink Ring Terminals For 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Gauge Wire    |
| 65726 | Package Of 7 Adhesive Lined Heat Shrink Ring Terminals For 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Gauge Wire    |

## Spade Terminals



61337

Used for terminating wires and securing to a bolt or stud. Similar to ring terminals, except with an open end.

- PVC insulation for general duty
- Shrink-Seal™ for waterproof heat shrink applications
- Sizes to fit #8 and #10 studs

|       |   |
|-------|---|
| 61050 | Package Of 20 Pvc Spade Terminals For Wire Gauge: 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Stud Size: #8 |
| 61150 | Package Of 20 Pvc Spade Terminals For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Stud Size: #10 |
| 61290 | Package Of 14 Pvc Spade Terminals For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Stud Size: #10 |
| 61337 | Terminals Spade Minipak 22-10 Awg 1-5.5Mm <sup>2</sup> Assorted Sizes                               |

## Disconnects



61189



65741



61181

Provides quick connection and disconnections.

- PVC insulation for general duty
- Nylon Anti-Vibe™ for higher temperature, vibration-resistant applications
- Shrink-Seal™ for waterproof heat shrink applications
- GoldTech™ Terminals for high-quality audio installations
- Fully-insulated options
- Right Angle Flag Terminals
- Accepts 0.110", 0.187", 0.250", and 0.370" Male Tab Disconnects

|        |   |
|--------|---|
| 61189  | Minipak Female Coupler 22-18 Awg 1.25Mm <sup>2</sup> .250" Tab 6.4Mm                                      |
| 61200  | Package Of 20 Bullet Quick Connects For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Male               |
| 65550  | Package Of 5 Anti-Vibration Quick Connects For 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Gauge Wire             |
| 65556  | Package Of 4 Anti-Vibration Quick Connects For 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Gauge Wire              |
| 65741  | Package Of 10 Adhesive Lined Heat Shrink Quick Connects For 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Gauge     |
| 65746  | Blister Shrink Female Disconnect 16-14 Ga. 2.0M2 .250" Tab 6.4Mm  |
| 65748  | Blister Shrink Female Disconnect 12-10 Ga. 5M2 .250" Tab 6.4Mm  |
| 65752  | Package Of 10 Adhesive Lined Heat Shrink Quick Connects For 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Gauge Wire |
| 65753  | Package Of 10 Adhesive Lined Heat Shrink Quick Connects For 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Gauge Wire |
| 65754  | Blister Shrink Female Coupler 12-10 Ga.5.5M2 .250" Tab 6.4Mm  |
| 65623N | Package Of 5 Gold-Tech Disconnects For 16-14 Awg (2.8 Mm <sup>2</sup> ) Gauge Wire                        |
| 61180  | Package Of 20 Pvc Quick Connects For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Female                |
| 61181  | Package Of 21 Pvc Quick Connects For Wire Gauge: 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Female               |
| 61186  | Package Of 5 Pvc Quick Connects For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Female                 |

## Disconnects Continued

|       |   |
|-------|---|
| 61188 | Package Of 22 Pvc Quick Connects For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Female          |
| 61189 | Minipak Female Coupler 22-18 Awg 1.25Mm <sup>2</sup> .250" Tab 6.4Mm                                |
| 61190 | Package Of 18 Pvc Quick Connects For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Male            |
| 61191 | Package Of 9 Pvc Quick Connects For Wire Gauge: 22 - 18 Awg (1.25 Mm <sup>2</sup> ) Male            |
| 61320 | Package Of 16 Pvc Quick Connects For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Female          |
| 61330 | Minipak Male Disconnect 12-10 Awg 5.5Mm <sup>2</sup> .250" Tab 6.4Mm                                |
| 61331 | Package Of 18 Pvc Quick Connects For Wire Gauge: 22 - 10 Awg (1.25 - 5.5 Mm <sup>2</sup> ) M/F Sets |
| 61334 | Minipak Connectors 22-10 Awg 1-5.5Mm <sup>2</sup> Assorted Sizes                                    |
| 61340 | Minipak Closed End Joint 16-14 Wg 5.5Mm <sup>2</sup>  |
| 61352 | Package Of 2 Pvc Quick Connects For Wire Gauge: 22 - 18 Awg (1.25 Mm <sup>2</sup> ) M/F Sets        |
| 61355 | Package Of 5 Pvc Quick Connects For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) M/F Sets         |
| 61356 | Package Of 3 Pvc Quick Connects For Wire Gauge: 12 - 10 Awg (5.5 Mm <sup>2</sup> ) M/F Sets         |
| 65554 | Package Of 10 Anti-Vibration Quick Connects For 12 - 10 Awg (5.5 Mm <sup>2</sup> ) Gauge Wire       |
| 65624 | Package Of 4 Gold-Tech Disconnects For 16-14 Awg (4.8 Mm <sup>2</sup> ) Gauge Wire                  |
| 65625 | Package Of 10 Gold-Tech Disconnects For 16-14 Awg (6.4 Mm <sup>2</sup> ) Gauge Wire                 |
| 65646 | Blister Goldtech Female Disconnect 12-10 Ga. 5.5Mm <sup>2</sup> .250" Tab 6.4Mm                     |
| 69180 | Package Of 100 Pvc Quick Connects For Wire Gauge: 16 - 14 Awg (2.0 Mm <sup>2</sup> ) Female         |

## Bullet Splice



61359

|       |   |
|-------|---|
| 61207 | Package of 7 Bullet Quick Connects for Wire Gauge: 16 - 14 AWG (1.25 mm <sup>2</sup> ) Female   |
| 61358 | Package of 5 Bullet Quick Connects for Wire Gauge: 16 - 14 AWG (2.0 mm <sup>2</sup> ) M/F Sets  |
| 61359 | Package of 5 Bullet Quick Connects for Wire Gauge: 22 - 18 AWG (1.25 mm <sup>2</sup> ) M/F Sets |

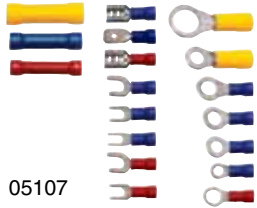
## Tap Splice



61360

|       |  |
|-------|--|
| 61357 | Package of 3 sets PVC Tap Adapters for 16-14 AWG (2.0 mm <sup>2</sup> ) Gauge Wire |
| 61360 | Package of 5 sets PVC Tap Splices for 16-14 AWG (2.0 mm <sup>2</sup> ) Gauge Wire  |
| 61361 | Package of 5 sets PVC Tap Splices for 22-18 AWG (1.25 mm <sup>2</sup> ) Gauge Wire |
| 61370 | Package Of 8 Pvc Tap Splices For 16-14 Awg (2.0 Mm <sup>2</sup> ) Gauge Wire       |

## Assortments



05107

Boxed assortment of terminals and wire connectors for a wide variety of connection repairs and installations.

- PVC-insulated terminal kits
- Heat shrink-insulated terminal kits
- PVC-insulated terminals and twist-on connector kits

|       |  |
|-------|--|
| 05830 | Calterm Terminal Heat Shrink Terminal Kit 10-22 Awg; 24 Pc/Clam 4 Clams/Master |
| 05185 | Slidekit Terminals & Wirecaps  |
| 05107 | Prokit Promotional Kit In Counter Display                                      |
| 05108 | Prokit Promotional Kit   |
| 05110 | Prokit All Weather Nylon Antivibration Terminals                               |
| 05131 | Slidekit 31 Different Terminals  |
| 05145 | Slidekit Solderless Terminals  |
| 05149 | Slidekit Full Range 49 Styles  |
| 05801 | Calterm Terminal Kit 14-16 Awg; 48 Pc/Clam 4 Clams/Master                      |
| 05803 | Calterm Terminal Kit 18-22 Awg; 46 Pc/Clam 4 Clams/Master                      |
| 05804 | Calterm Terminal Kit 12-10 Awg; 28 Pc/Clam 4 Clams/Master                      |
| 05826 | Calterm Quick Connector Kit 10-22 Awg; 18 Pc/Clam 4 Clams/Master               |
| 05101 | Prokit Terminal Kit  |
| 05102 | Prokit Terminal Kit W/Crimp Tool   |
| 05125 | Slidekit Terminals W/Crimp Tool  |

## Terminating Accessories, Clips and Clamps



70306

|       |   |
|-------|---|
| 61380 | Minipak Double Receptacle .157" Dia. 4Mm      |
| 70308 | Blister 10A Charging Clips 16-14 Awg 2.0Mm2   |
| 70309 | 25A Battery Charging Clips                    |
| 70306 | 30A Battery Charging Clips                    |
| 70302 | Alligator Clips                               |
| 70303 | Blister Insulated Clips 18-14 Awg 1.25-2.0Mm2 |



# PRIMARY WIRE

## Wire and Cable



Calterm's® primary wire is manufactured to OEM standards and is recommended for repairs or new wiring applications.

- 18 - 10 AWG
- 100% copper wire
- Fine stranding for flexibility
- Prepackaged in small coils and 100 ft spools
- PVC insulation meeting SAE J1128
- Temperature rated to 105°F / 40°C
- Resists abrasion, moisture, acid, grease, oil and solvents

|       |   |
|-------|---|
| 50230 | 30 ft 18 AWG (0.8 mm <sup>2</sup> ) Black Speaker Wire          |
| 50102 | 8 ft 10 AWG (5 mm <sup>2</sup> ) White Primary Wire             |
| 50104 | Primary Wire #10 AWG-5mm Yellow 8FT 2.4M 4 Clams/Master (4 MIN) |
| 50105 | 8 ft 10 AWG (5 mm <sup>2</sup> ) Red Primary Wire               |
| 50107 | 8 ft 10 AWG (5 mm <sup>2</sup> ) Black Primary Wire             |
| 52103 | 100 ft 10 AWG (5 mm <sup>2</sup> ) Green Primary Wire           |
| 52105 | 100 ft 10 AWG (5 mm <sup>2</sup> ) Red Primary Wire             |
| 52107 | 100 ft 10 AWG (5 mm <sup>2</sup> ) Black Primary Wire           |
| 50121 | 12 ft 12 AWG (3 mm <sup>2</sup> ) blue Primary Wire             |
| 50122 | 12 ft 12 AWG (3 mm <sup>2</sup> ) White Primary Wire            |
| 50123 | 12 ft 12 AWG (3 mm <sup>2</sup> ) Green Primary Wire            |
| 50124 | 12 ft 12 AWG (3 mm <sup>2</sup> ) Yellow Primary Wire           |
| 50125 | 12 ft 12 AWG (3 mm <sup>2</sup> ) Red Primary Wire              |
| 50127 | 12 ft 12 AWG (3 mm <sup>2</sup> ) Black Primary Wire            |
| 52122 | 100 ft 12 AWG (3 mm <sup>2</sup> ) White Primary Wire           |
| 52123 | 100 ft 12 AWG (3 mm <sup>2</sup> ) Green Primary Wire           |
| 52125 | 100 ft 12 AWG (3 mm <sup>2</sup> ) Red Primary Wire             |
| 52127 | 100 ft 12 AWG (3 mm <sup>2</sup> ) Black Primary Wire           |
| 50141 | 20 ft 14 AWG (2 mm <sup>2</sup> ) Blue Primary Wire             |
| 50142 | 20 ft 14 AWG (2 mm <sup>2</sup> ) White Primary Wire            |
| 50143 | 20 ft 14 AWG (2 mm <sup>2</sup> ) Green Primary Wire            |
| 50144 | 20 ft 14 AWG (2 mm <sup>2</sup> ) Yellow Primary Wire           |
| 50145 | 20 ft 14 AWG (2 mm <sup>2</sup> ) Red Primary Wire              |
| 50147 | 20 ft 14 AWG (2 mm <sup>2</sup> ) Black Primary Wire            |
| 52141 | 100 ft 14 AWG (2 mm <sup>2</sup> ) Blue Primary Wire            |
| 52142 | 100 ft 14 AWG (2 mm <sup>2</sup> ) White Primary Wire           |
| 52143 | 100 ft 14 AWG (2 mm <sup>2</sup> ) Green Primary Wire           |
| 52144 | 100 ft 14 AWG (2 mm <sup>2</sup> ) Yellow Primary Wire          |
| 52145 | 100 ft 14 AWG (2 mm <sup>2</sup> ) Red Primary Wire             |
| 52147 | 100 ft 14 AWG (2 mm <sup>2</sup> ) Black Primary Wire           |



## Wire and Cable Continued

|       |   |
|-------|---|
| 50161 | 30 ft 16 AWG (1 mm <sup>2</sup> ) Blue Primary Wire     |
| 50162 | 30 ft 16 AWG (1 mm <sup>2</sup> ) White Primary Wire    |
| 50163 | 30 ft 16 AWG (1 mm <sup>2</sup> ) Green Primary Wire    |
| 50164 | 30 ft 16 AWG (1 mm <sup>2</sup> ) Yellow Primary Wire   |
| 50165 | 30 ft 16 AWG (1 mm <sup>2</sup> ) Red Primary Wire      |
| 50167 | 30 ft 16 AWG (1 mm <sup>2</sup> ) Black Primary Wire    |
| 52162 | 100 ft 16 AWG (1 mm <sup>2</sup> ) White Primary Wire   |
| 52163 | 100 ft 16 AWG (1 mm <sup>2</sup> ) Green Primary Wire   |
| 52165 | 100 ft 16 AWG (1 mm <sup>2</sup> ) Red Primary Wire     |
| 52167 | 100 ft 16 AWG (1 mm <sup>2</sup> ) Black Primary Wire   |
| 50182 | 40 ft 18 AWG (0.8 mm <sup>2</sup> ) White Primary Wire  |
| 50183 | 40 ft 18 AWG (0.8 mm <sup>2</sup> ) Green Primary Wire  |
| 50184 | 40 ft 18 AWG (0.8 mm <sup>2</sup> ) Yellow Primary Wire |
| 50185 | 40 ft 18 AWG (0.8 mm <sup>2</sup> ) Red Primary Wire    |
| 50187 | 40 ft 18 AWG (0.8 mm <sup>2</sup> ) Black Primary Wire  |
| 52182 | Primary Wire Spool #18 AWG-.8MM White 100FT-30M (1 MIN) |
| 52185 | 100 ft 18 AWG (0.8 mm <sup>2</sup> ) Red Primary Wire   |
| 52187 | 100 ft 18 AWG (0.8 mm <sup>2</sup> ) Black Primary Wire |

## Wire Connectors



05132

|       |   |
|-------|---|
| 61606 | Minipak 70 Amp Lug 4 Awg 22Mm2 3/8" Stud 10Mm |
| 61607 | Minipak 90 Amp Lug 2 Awg 38Mm2 3/8" Stud 10Mm |
| 05132 | Slidekit Wirecap Connectors                   |
| 61470 | Minipak Wirecaps Assorted Sizes               |

# WIRE MANAGEMENT

## Cable Ties

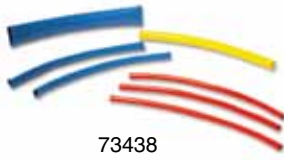


Calterm® offers a broad range of cable ties in a wide variety of materials, color, style and size options to meet your specific needs. A patented design and high quality construction make Gardner Bender™ ties a great solution for bundling wire, cable, hoses, ducts and in countless other applications

### Tensile Strength

|       |  | Tensile Strength |
|-------|--|------------------|
| 71110 | 4-11 Inch Assorted Nylon Standard Cable Tie Kit - 650 Pack | 18-45lbs         |
| 73100 | Nylon Cable Tie Asst. Pack 4" 6" 8" Natural                | 18-45lbs         |
| 71111 | 4-8 Inch Uv Black Nylon Standard Cable Tie Kit - 500 Pack  | 18-45lbs         |
| 73107 | Diy Assorted Sizes Uv Black Ties 4"-6"-8" 100-180Mm        | 18-45lbs         |
| 73126 | Cable Tie Asst. Pack Uv Black                              |                  |
| 73326 | 4-8 Inch Uv Black Nylon Standard Cable Tie Kit - 260 Pack  | 18-45lbs         |
| 73182 | 8 Inch Natural Nylon Standard Cable Tie - 17 Pack          | 75lbs            |
| 73183 | Cable Tie 11" 75# Natural                                  | 75lbs            |
| 73282 | 8 Inch Natural Nylon Standard Cable Tie - 100 Pack         | 75lbs            |
| 73283 | 11 Inch Natural Nylon Standard Cable Tie - 100 Pack        | 75lbs            |
| 73284 | 14 Inch Natural Nylon Standard Cable Tie - 100 Pack        | 75lbs            |
| 73172 | 8 Inch Uv Black Nylon Standard Cable Tie - 17 Pack         | 75lbs            |
| 73173 | 11 Inch Uv Black Nylon Standard Cable Tie - 10 Pack        | 75lbs            |
| 73174 | 14 Inch Uv Black Nylon Standard Cable Tie - 8 Pack         | 75lbs            |
| 73242 | 8 Inch Assorted Nylon Standard Cable Tie Kit - 100 Pack    | 75lbs            |
| 73272 | 8 Inch Uv Black Nylon Standard Cable Tie - 100 Pack        | 75lbs            |
| 73273 | 11 Inch Uv Black Nylon Standard Cable Tie - 100 Pack       | 75lbs            |
| 73274 | 14 Inch Uv Black Nylon Standard Cable Tie - 100 Pack       | 75lbs            |
| 73350 | 6 Inch Stainless Steel Cable Tie - 10 Pack                 | 100lbs           |
| 73355 | 11 Inch Stainless Steel Cable Tie - 10 Pack                | 100lbs           |
| 73240 | 4 Inch Assorted Nylon Standard Cable Tie Kit - 100 Pack    | 181lbs           |
| 73170 | 4 Inch Uv Black Nylon Standard Cable Tie - 30 Pack         | 181lbs           |
| 73270 | Cable Tie 4" 18# Uv Black                                  | 181lbs           |

## Heat Shrink



- Made from PVC material for easy repair and insulating applications
- Available in assorted colors
- Shrinks to half the original diameter
- UL 224
- Temperature rated to 221 °F

|       |   |
|-------|---|
| 73554 | Dual Wall Heat Shrink Kit                                       |
| 73424 | 3/16" - 1/16" Heat Shrink Tubing                                |
| 73435 | 1/8", 3/16" And 1/4" Heat Shrink Tubing                         |
| 73455 | 3/8" X 6' Flex Tubing   |
| 73456 | 1/2" X 4' Flex Tubing   |
| 73448 | 1/4" - 1/2" Heat Shrink Tubing                                  |
| 73449 | Heat Shrink Tube .187 To .062 8' Red; 1/Clam 10 Calms/Master    |
| 73450 | Heat Shrink Tube .250 To .125 8' Blue; 1/Clam 10 Clams/Master   |
| 73451 | Heat Shrink Tube .312 To .156 8' Yellow; 1/Clam 10 Clams/Master |
| 73458 | Diy 3/8" Flex Tube/6' Red 3/8" Dia. 10Mm                        |
| 73461 | Diy 3/8" Flex Tube/ 6' Blue 3/8" Dia. 10Mm                      |
| 73553 | 55 Piece 6" Heat Shrink Kit                                     |
| 73438 | Diy Assorted Sizes Heat Shrink Tubes Clear 1/4"-1/2" 6-13M      |

## Clips and Clamps

|       |   |
|-------|---|
| 61364 | Minipak Rubber Clamps 3/8-1/2"Dia. 9-13Mm2 Assorted Sizes |
| 61740 | Minipak Nylon Clamps Assorted 1/8 3/16 1/4" 3.2 4.7 6.3Mm |

# WIRE MANAGEMENT

## Wrap, Loom, Tubing and Tape



73422

Calterm Wrap protects hoses, wires and cables from cuts, abrasions and UV wear. Its spiral design allows for multiple wire breakouts. It comes in pre-cut lengths and in assorted diameters and colors.



73457

Loom protects hoses, wires and cables from cuts, abrasions and UV wear. It is flame retardant to 93°C (200°F) and comes in 4 bold performance colors in 10' lengths with 3/8" diameter - center split.

Tubing protects hoses, wires and cables from cuts, abrasions and UV wear. It is excellent for under hood and trailer wiring and comes in pre-cut lengths, assorted diameters - center split and is available in today's hottest chrome colors



49550

Black PVC electrical tape is UL listed to 600 Volts, 7.5 mm thickness and a temperature rating up to 80 °C and 176 °F. Flame retardant tape features a self-extinguishing safety feature and is weather-resistant and flexible to -18 °C. Assorted color tape is excellent for circuit and wiring identification

|       |                                |
|-------|--------------------------------|
| 73422 | Spiral Wrap                    |
| 73423 | Spiral Wrap                    |
| 73452 | Spiral Wrap                    |
| 73457 | 3/4" X 3' Flex Tubing          |
| 49305 | Tape Carded 30' Black Pvc U/L  |
| 49600 | Black Electrical Tape          |
| 49605 | Flame Retardant Tape           |
| 49550 | Assorted Color Electrical Tape |
| 71002 | Liquid Electrical Tape         |
| 71003 | Red Liquid Electrical Tape     |



## Automotive Fuses, Junctions and Sockets



08120



40456



08100



08220

|       |  |
|-------|--|
| 08100 | Fuse Holders 10 Amp Economy                  |
| 08120 | Fusekit 20 Amp Glass Hd #12 Wire             |
| 08130 | Fusekit 30 Amp Glass Hd #10 Wire             |
| 08131 | Fuse Holder 10 Amp Ato/Atc                   |
| 08220 | Fusekit 20 Amp Ato/Atc Gm Hd #12 Wire        |
| 08230 | Fusekit 30 Amp Ato/Atc Gm Hd #10 Wire        |
| 08231 | Fusekit 30 Amp Ato/Atc Weather-Proof         |
| 08452 | Junction Bloci-30 Amp-4 Gang                 |
| 08521 | Socket Univ. Sealed Beam Headlight           |
| 08532 | Socket Univ. Weatherproof Double Cont.       |
| 08552 | Socket Ford 73-88 Double W/Ground            |
| 08591 | Socket Gm Sidemarker Assembly Short          |
| 08598 | Socket Chrysler 74-92 Sidemarker             |
| 40456 | Chrome Indicator Lamp-Green Led-30Ma         |
| 40470 | Chrome Indicator Lamp-Red Led-30Ma           |
| 42240 | Switch Universal Fused Headlight             |
| 05207 | Twinkit Automotive Electrical Repair         |
| 05160 | Slidekit Automotive Test & Strip 12V 4 Tools |

# SWITCHES

## Toggle Switches



41710

- Toggles have a lever operator
- Available as On-Off or On-Off-On
- Water-resistant boot available with 41800
- Terminals measure 0.250"
- Choice of screw terminals or wire leads

|       |   |
|-------|---|
| 40090 | 20A Duckbill Switch   |
| 40110 | 20A Toggle Switch   |
| 40120 | 20A Toggle Switch   |
| 40130 | Switch Black Off-Momentary-On                                   |
| 40210 | 20A Red Glow Toggle Switch                                      |
| 40220 | 20A Amber Glow Toggle Switch                                    |
| 40230 | 20A Green Glow Toggle Switch                                    |
| 40240 | 20A Blue Glow Toggle Switch                                     |
| 40250 | 20A Red Led Dot Toggle Switch                                   |
| 40260 | 20A Red Glow Duckbill Switch                                    |
| 40290 | 20A Blue Glow Duckbill Switch                                   |
| 40291 | 30A Red Led Toggle Switch                                       |
| 40292 | Black Illuminated Toggle - Amber Led 30A; 1/Card 6 Cards/Master |
| 40293 | 30A Green Led Toggle Switch                                     |
| 40294 | 30A Blue Led Toggle Switch                                      |
| 41210 | 20A Red Glow Toggle Switch Kit                                  |
| 41700 | 15A Metal Toggle Switch   |
| 41710 | 15A Metal Toggle Switch   |
| 41720 | 10A Metal Toggle Switch With Leads                              |
| 41730 | 15A Heavy Duty Metal Toggle Switch                              |
| 41770 | 35A Heavy Duty Toggle Switch                                    |
| 41780 | 35A Heavy Duty Toggle Switch                                    |
| 41800 | 20A Heavy Duty Toggle Switch                                    |
| 45100 | 20A Heavy Duty Toggle Switch                                    |

## Rocker Switches



40310

An economical and space-saving alternative to multiple switches.

- “Rocks” from On to Off positions.
- Multi-function switches
- Fits 3 sizes of mounting holes
- Illumination available by product

|       |   |
|-------|---|
| 40150 | Switch Black Rocker 1 Circuit Rocker      |
| 40161 | Red Oval Rocker-25A                       |
| 40310 | 20A Red Glow Rocker Switch                |
| 40320 | Switch Rocker Glow Amber                  |
| 40330 | Switch Glow Rocker Green                  |
| 40340 | 20A Blue Glow Rocker Switch               |
| 40341 | 32A Red Led Rocker Switch                 |
| 40343 | Black Rocker-Green Led Dot-32A            |
| 40360 | Switch Glow Jumbo Rocker - Red            |
| 40391 | 30A Red Glow Rocker Switch                |
| 40393 | 30A Red Led Rocker Switch                 |
| 40600 | 25A Red Led Round Rocker Switch           |
| 40602 | Round Rocker-Green Led-25A                |
| 40603 | Dot Rocker Blue Led; 1/Card 6Cards/Master |
| 41310 | 20A Glow Rocker Switch                    |

## Specialty and Accessories



40450



41711



41860

|       |   |
|-------|---|
| 41860 | 50A Battery Cutoff Switch                       |
| 40450 | Chrome Indicator Lamp-Red Led-3Amp 1Cd 5/Master |
| 40610 | Switch Panel 1 Hole Round Module                |
| 41711 | 1/2 Inch Red Toggle Switch Cover                |

# SWITCHES

## Push Button



41840

For applications where the switch is ON (Momentary "On") only when the button is depressed.

- Momentary "On" with Maintained "Off"
- For universal mounting and for 5/8" and 1" mounting holes
- Screw terminals
- Water-resistant boot available (40184)

|       |  |
|-------|--|
| 40184 | 20A Black Euro Push Button Switch                |
| 41840 | 60A Heavy Duty Sealed Push Button Starter Switch |
| 42210 | 15A Push Button Starter Switch                   |

## Push/Pull Button



40180

For use where the ability to push or pull a knob to operate the switch is desired.

- Choice of black plastic or brass (resist corrosion)
- General duty (42200)
- Heavy duty (41790)
- Lights (45160 and 45180)
- Fuses/headlights (42240)

|       |   |
|-------|---|
| 42200 | 15A Push/Pull Switch                      |
| 45110 | 15A Heavy Duty Push Button Starter Switch |
| 40180 | 16A Euro Push/Pull Switch                 |
| 41790 | 75A Heavy Duty Push/Pull Switch           |

## Horn, Ignition



42410

Universal starter switches with 3 and 4 positions and alarm switch with 2 positions.

- Starter Switch allows key removal in "Off" position
- Alarm Switch allows key removal in "On" or "Off" position
- Key operated, 2 per switch
- Choice of copper stud (42410)

|       |  |
|-------|--|
| 40190 | Switch Button Horn W/Bracket Ivory           |
| 40193 | 5A Flush Horn Button                         |
| 42404 | Switch Universal Ignition 2Keys 1Cd 5/Master |
| 42410 | 30A Universal Ignition Switch                |



**Miscellaneous Switches**



40472

|       |  |
|-------|--|
| 40454 | Chrome Indicator Lamp-Red Led-30Ma             |
| 40458 | Mini Indicator Lamp-Red Led-20Ma               |
| 40472 | Chrome Indicator Lamp-Green Led-30Ma           |
| 40473 | 9/16" Indicator Blue Led; 1/Card 6Cards/Master |

Start the engines, turn on the lights, flip on the fan with quality switches. All switches have 1/4" terminals and come in a variety of styles and functions.



41770  
On-Off, Chrome



40291  
On-Off, 1/2" mounting hole, Vibration resistant



41800  
On-Off, Includes sealed boot



40393  
On-Off SPST, Black oval with dot  
1/2" round mounting hole



41700  
On-Off, Nickel



42210  
Momentary "On", Brass/chrome  
5/8" or 1" mounting hole



41720  
On-Off, Nickel, 1/4" terminal with leads

# TOOLS AND TESTERS

## Hand Tools



66218



66351



66209



66270

|       |   |
|-------|---|
| 66218 | Protect Deluxe Chrome Stripper And Crimper          |
| 66223 | Protect 9" Cushion Grip Crimp Tool                  |
| 66229 | Professional Multi-Tool Crimper / Stripper / Cutter |
| 66351 | Heat Shrink Gun                                     |
| 66209 | Automatic Stripper And Crimper                      |
| 66212 | Streamline Wire Stripper                            |
| 66255 | Armoredge® Wire Stripper                            |
| 66270 | Armoredge® Wire Stripper And Crimper                |
| 70315 | Blister Test Leads                                  |

## Test and Measure



66314



66318



66430

|       |                                 |
|-------|---------------------------------|
| 66314 | Deluxe Continuity Tester        |
| 66305 | 6-24V Dc Pro Circuit Tester     |
| 66316 | Amber Tester 6-12V              |
| 66317 | Dual Bulb Hi-Lo Tester          |
| 66318 | Alt/Battery Voltage Analyzer    |
| 66331 | True Spark Tester               |
| 66332 | Automotive Voltage Tester       |
| 66362 | Voltage Tester                  |
| 66420 | Multimeter 12 Range Analog      |
| 66430 | Multimeter U/L 18 Range Digital |

## Calterm Test & Measure

### 66314 Continuity Tester

Designed for testing non-energized circuits for short or opens.

- Bulb glows when circuit is complete (use only when power is disconnected from the circuit.)
- Use to locate break in circuit (open)
- Use to diagnose grounds
- Requires two AA batteries

**CAUTION! Always disconnect power prior to using a continuity tester on a circuit.**

### 66305 Professional Automotive Test Light

Use for locating shorts, grounds, and open circuits on 6-24 V electrical systems while power is connected to the circuit

- Tests 6-24 V DC systems
- Heavy-duty five foot test lead does not kink
- Strain relief protects test lead at base of test light
- Wide mouth insulated clip for easy hook-up
- Bulb is easy to remove for replacement
- Clear handle and bright bulb for high visibility
- Sharp heavy-duty steel probe

### 66316 12 Volt DC Auto Tester

Use for locating shorts, grounds, and open circuits. Same function as 66317 but features a tinted handle to reduce day-light glare.

- Replaceable 12 V, 3 watt bulb
- Sharp tip on insulated probe for piercing insulation

### 66317 Hi-Low Auto Tester

Use for locating shorts, grounds, and open circuits. Tests 6 V and 12 V DC systems while power is connected to the circuit.

- Sharp tip on insulated probe – for piercing insulation
- Insulated clip for added protection
- Clear handle for high visibility

### 66318 Battery & Alternator Voltage Analyzer

Quickly indicates alternator output and status of battery charge.

- L.E.D lights show normal, low or flat level of battery charge
- Also illuminates for high, normal or low alternator voltage output
- Durable housing with magnetic strip on back adheres to the fender for easy operation

### 66331 Tru-Spark™ Ignition Firing Indicator

Quickly and accurately tests DIS and other ignition systems for the presence of secondary voltage without piercing or removing spark plug wires. Great for troubleshooting “no-starts.”

#### **Sensitivity Adjustment Dial is a Calterm® Exclusive**

- Allows isolation of a specific plug wire
- Eliminates for false signals from wires routed in close proximity

#### **High Visibility 360° Indicator**

- Technician’s hand will not obstruct view
- Green L.E.D indicates that the tester and batteries are operating properly
- Red L.E.D flashes each time voltage is released from the coil through the spark plug wire

#### **High Impact ABS Housing**

- Rugged high impact housing resists oil and endures shop conditions
- Compact design with pocket clip
- Operates from three 1.5 V button cell batteries (included)

### 66332 Automotive Voltage Tester

Compact test light is ideal size for storage in glove box, tool pouch, or in compact tool kit for motorcycle, snowmobile, boat, jet ski, etc.

- 12 V test light
- Sharp tip for piercing wire insulation

### 66362 Voltage Tester

Voltage tester is ideal for testing fuse blocks, light sockets and trailer wiring.

- 20” lead included

### 66420 5 Function, 12-Range Multimeter

Analog multimeter for basic electrical system testing of voltage, resistance, and milliamps.

- Test DC/AC voltage, DC current, and resistance
- Includes test leads, instruction manual and battery
- Impact-resistant housing
- Convenient, pocket-size instrument
- Spare fuse included
- Separate battery/fuse compartment

### 66430 5 Function, 18-Range Multimeter

Digital multimeter for performing basic electrical system tests such as voltage, current, and resistance.

- Test DC/AC Voltage, DC current and resistance
- Includes test leads, instruction manual and battery
- Convenient, pocket-size instrument
- Low battery indicator
- Use one 9 V battery (included)



**CALTERM<sup>®</sup>**

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