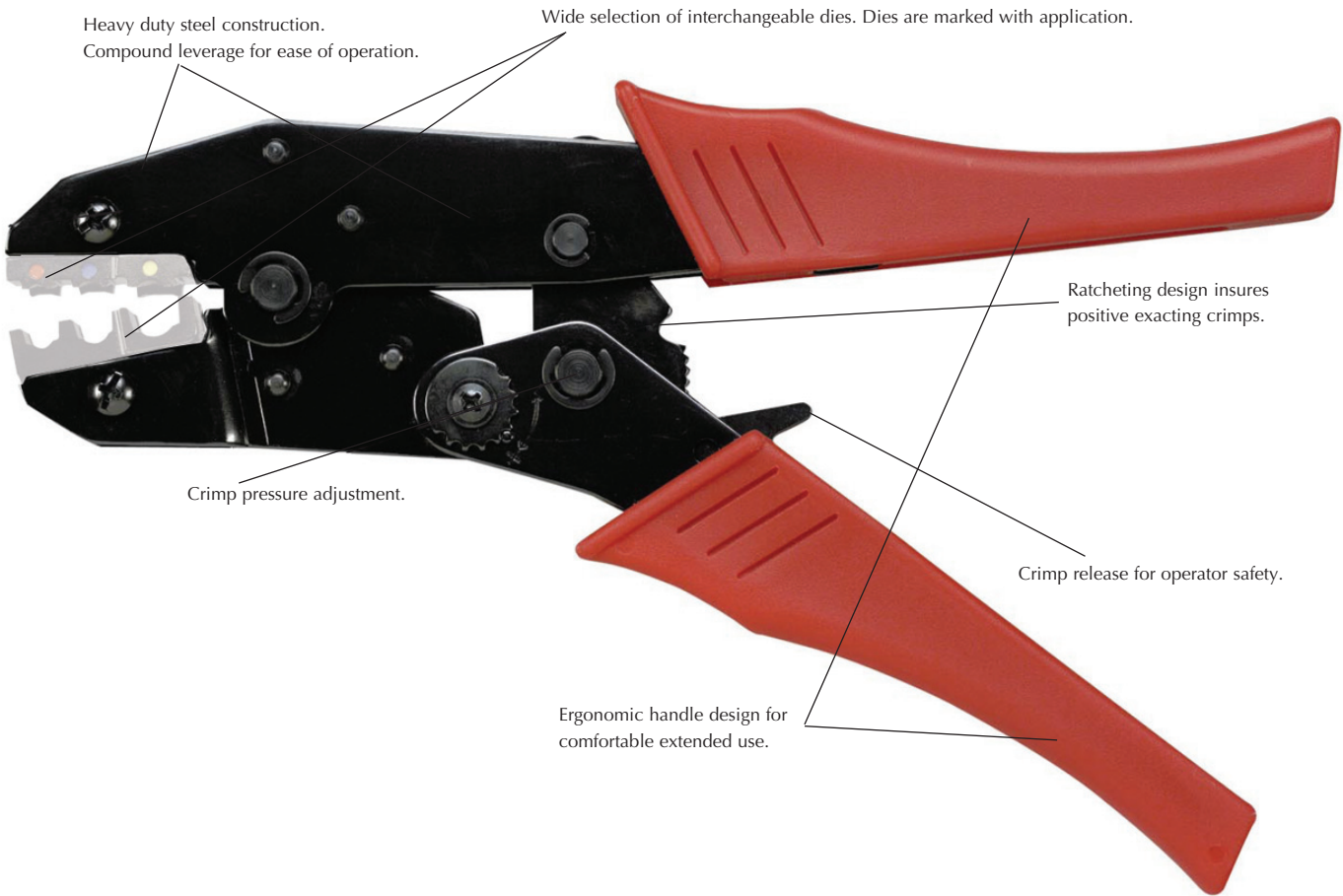


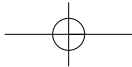
# TOOLS

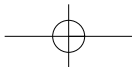
## 9000 SERIES PROFESSIONAL RATCHETING CRIMP TOOLS



### 9000 Series Professional Ratcheting Crimp Tools and Die Sets

| Retail Part No. | Bulk Part No. | Description                                                                            | Replacement Die Set |
|-----------------|---------------|----------------------------------------------------------------------------------------|---------------------|
| 12-9000         |               | Heavy Duty Crimping Tool, Frame Only                                                   | All Die Sets Below  |
| 12-9001         |               | 10-22 AWG Insulated Terminals, Color Coded Nests                                       | 12-9101             |
| 12-9002         |               | 10-22 AWG Non-insulated Terminals                                                      | 12-9102             |
| 12-9003         |               | 10-22 AWG Full Insulated Quick Disconnect Terminals with Thinner Wire Barrels          | 12-9103             |
| 12-9004         |               | RG-58, 59/62 BNC/TNC Coaxial Connectors                                                | 12-9104             |
| 12-9005         |               | Cambridge CP-88, CP-89, RG-58, 59/62 BNC/TNC                                           | 12-9105             |
| 12-9006         |               | 8-22 AWG Non-insulated Terminals                                                       | 12-9106             |
| 12-9007         |               | 16-26 AWG Mini Insulated Rings, Spade and Butt Splices                                 | 12-9107             |
| 12-9008         |               | Fiber Optic SMA, SMB, SFR Connectors                                                   | 12-9108             |
| 12-9009         |               | AMP Fiber Optic SMA or SFR Type Connectors                                             | 12-9109             |
| 12-9010         |               | RG-58/174 and Belden 8218, 50 and 75 Ohm Cables                                        | 12-9110             |
| 12-9011         |               | RG-59, RG-6, 8281 50 and 75 Ohm Cables                                                 | 12-9111             |
| 12-9012         |               | N-series RG-8/11 Connectors                                                            | 12-9112             |
| 12-9013         |               | RG-174, Mini 59 BNC/TNC Connectors                                                     | 12-9113             |
| 12-9014         |               | RG-6, RG-174, 8281 Cable                                                               | 12-9114             |
| 12-9015         |               | Twinax (Hex)                                                                           | 12-9115             |
| 12-9016         |               | Plenum and Non-plenum, Thinwire also PTFE                                              | 12-9116             |
| 12-9017         |               | AMP Thinwire Dual Crimp BNC Coaxial Connectors                                         | 12-9117             |
| 12-9018         |               | AMP RG-58 Dual Crimp BNC/TNC Coaxial Connectors                                        | 12-9118             |
| 12-9019         |               | AMP RG-59/62 Dual Crimp BNC/TNC Coaxial Connectors                                     | 12-9119             |
| 12-9020         |               | Mini UHF and BNC/TNC 5 Cavity                                                          | 12-9120             |
| 12-9021         |               | RG-59, RG-6, RG-6 Quad Shield F-type CATV Connectors                                   | 12-9121             |
| 12-9022         |               | Modular Plug RJ-45 8 Position Keyed or Non-keyed                                       | 12-9122             |
| 12-9023         |               | Modular Plug RJ-11 2, 4, and 6 Position                                                | 12-9123             |
| 12-9024         |               | Modular Plug DEC MMJ 6 Position with an Offset Release Tab                             | 12-9124             |
| 12-9025         |               | Modular Plug AMP RJ-45 8 Position/Primary Strain Relief is Located Further Back on Die | 12-9125             |
| 12-9026         |               | Modular Plug RJ-22 2 and 4 Position                                                    | 12-9126             |





# TOOLS



## 9000 SERIES PROFESSIONAL RATCHETING CRIMP TOOL (Cont.)

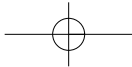
Replacement Die Sets

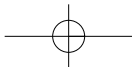
| Retail Part No. | Complete Tool Part | Die | Examples |
|-----------------|--------------------|-----|----------|
| 12-9101         | 12-9001            |     |          |
| 12-9102         | 12-9002            |     |          |
| 12-9103         | 12-9003            |     |          |
| 12-9104         | 12-9004            |     |          |
| 12-9105         | 12-9005            |     |          |
| 12-9106         | 12-9006            |     |          |
| 12-9107         | 12-9007            |     |          |
| 12-9108         | 12-9008            |     |          |
| 12-9109         | 12-9009            |     |          |
| 12-9110         | 12-9010            |     |          |
| 12-9111         | 12-9011            |     |          |
| 12-9112         | 12-9012            |     |          |
| 12-9113         | 12-9013            |     |          |

Replacement Die Sets (Cont.)

| Retail Part No. | Complete Tool Part | Die | Examples |
|-----------------|--------------------|-----|----------|
| 12-9114         | 12-9014            |     |          |
| 12-9115         | 12-9015            |     |          |
| 12-9116         | 12-9016            |     |          |
| 12-9117         | 12-9017            |     |          |
| 12-9118         | 12-9018            |     |          |
| 12-9119         | 12-9019            |     |          |
| 12-9120         | 12-9020            |     |          |
| 12-9121         | 12-9021            |     |          |
| 12-9122         | 12-9022            |     |          |
| 12-9123         | 12-9023            |     |          |
| 12-9124         | 12-9024            |     |          |
| 12-9125         | 12-9025            |     |          |
| 12-9126         | 12-9026            |     |          |

Tools





# TOOLS

## INSTALLER CRIMP TOOLS

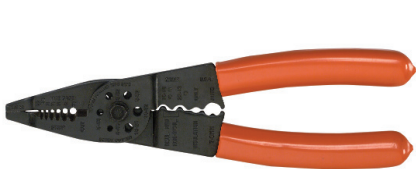


Fig. 1

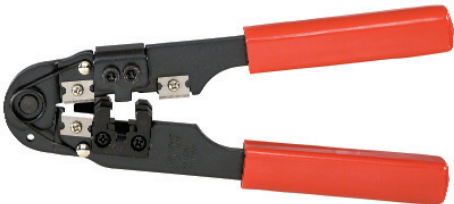


Fig. 2



Fig. 3

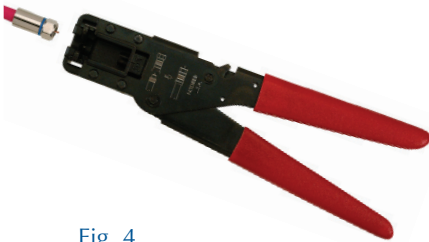


Fig. 4

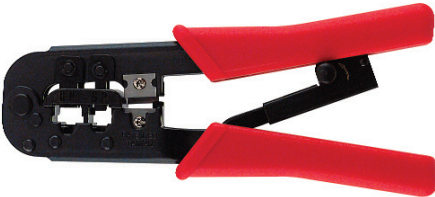


Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10

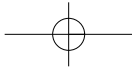


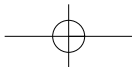
Fig. 11

Tools

### Installer Crimping Tools

| Retail Part No. | Bulk Part No. | Figure No. | Description                          | Crimps Connector                          | Cable Size                |
|-----------------|---------------|------------|--------------------------------------|-------------------------------------------|---------------------------|
| 8175            |               | 1          | 5-in-1 Crimping Tool                 | Solderless Terminals                      | Strips Wire 10-22 Gauge   |
| 12-001          |               | 2          | Telco® Crimping Tools                | 8 Contact Professional                    | Telco®/Telephone Wire     |
| 12-004          |               | 2          | Telco® Crimping Tools                | 4 & 6 Contact Professional                | Telco®/Telephone Wire     |
| 12-005          |               | 2          | Telco® Crimping Tools                | Modular Hand Set 4 Contact                | Telco®/Telephone Wire     |
| 30-9955         |               | 2          | Telco® Crimping Tools                | 10 Contact Professional                   | Telco®/Telephone Wire     |
| 12-002          |               | 3          | Dura Crimp                           | 4 & 6 Contact Modular/4 Position Hand Set |                           |
| 12-088          |               | 4          | Standard Ratcheting Compression Tool |                                           |                           |
| 12-2475         |               | 5          | Dual Cut & Crimp Tool                | 8P8C/RJ-45, 6P4C/RJ-11 & 6P2C             |                           |
| 12-400          |               | 6          | Crimping Tool & Terminal Asst.       | Solderless Terminals                      | Strips 10-22 Gauge        |
| 12-450          |               | 7          | Coaxial Crimp Tool                   | Coaxial                                   | RG-59, RG-6, RG-11        |
| 12-454          |               | 8          | Modular Crimp Tool                   | RJ-11, RJ-45, Modular 6 & 8 Way           | Modular Line Cord         |
| 12-455          |               | 9          | Crimping Tool                        | "F" Type & BNC                            | RG-58, RG-59, RG-62       |
| 12-456          |               | 10         | Ratcheting Crimp Tool                | Coaxial                                   | RG-58, RG-59, RG-62, RG-6 |
| 12-459          |               | 11         | Coaxial Tool Kit                     | Coaxial                                   | RG-58, RG-59, RG-62, RG-6 |





# TOOLS



## INSTALLER CRIMP TOOLS (Cont.)



Fig. 1



Fig. 2

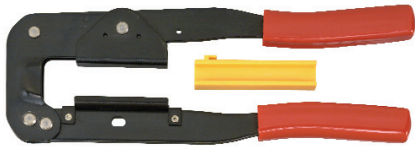


Fig. 3

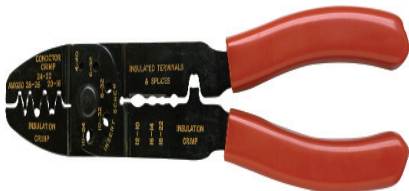


Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9

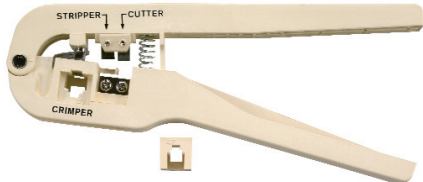


Fig. 10

### Installer Crimping Tools

| Retail Part No. | Bulk Part No. | Figure No. | Description                           | Crimps Connector                    | Cable Size             |
|-----------------|---------------|------------|---------------------------------------|-------------------------------------|------------------------|
| 12-460          |               | 1          | Crimping Tool                         | 10-22 AWG & D-subminiature Contacts |                        |
| 12-461          |               | 2          | Coaxial Center Conductor Cutter       | Dual Crimp Coaxial                  |                        |
| 12-463          |               | 3          | IDC Crimp Tool                        | IDC                                 | Flat (Ribbon)          |
| 12-464          |               | 4          | D-Sub/Double-D Service Tool           | D-sub & Double-D High Density       |                        |
| 12-466          |               | 5          | 4-way Indent Crimper                  | 20-26 AWG D-subminiature Contacts   |                        |
| 12-556          |               | 6          | Compression Crimp Tool                | SD-446-BU                           | RG-6                   |
| 12-7403         |               | 7          | Static Dissipative Grip Shears        |                                     | Cuts Wire Up to .04"   |
| 12-7404         |               | 8          | Small Blade Copper Wire Shears        |                                     | Cuts Between SMD Leads |
| 12-8800         |               | 9          | Professional Quality Compression Tool | Male "F" Compression                | RG-59 & RG-6           |
| 30-9951         | 30-9951-BU    | 10         | Modular Crimp Tool                    | 4 Conductor Modular & Handset       | Modular Line Cord      |

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All quantities are single; BU's are packages of 10 Unless otherwise noted.

