

Description

The Power & Signal Group Hand Crimp Tool is designed to crimp a wide variety of Delphi terminals. The hand tool frame accepts multiple die set assemblies, giving it flexibility and the ability to produce production quality crimps on a wide range of Delphi product families. Our tool comes in a selection of kits; these tool kits will help increase reliability and productivity by minimizing downtime with their storage cases.

<u>Part Number</u>	<u>Description</u>
HC-100	Hand crimp tool frame, small carrying case and accessory kit (Allen key, mini-wrench, and removal tool)
HC-200	Hand crimp tool frame, large carrying case, wire stripper and accessory kit (Allen key, mini-wrench, and removal tool)
HC-300	Large carrying case holds 10 boxed die sets
HTxxxxxxx-5	Die set assembly: crimp dies, wire stop and locator
ST-100	Wire stripper



HC-100 – Hand Crimp Tool Kit

The HC-100 Hand Crimp Tool Kit comes with the hand crimp tool frame, a large carrying case, and accessory kit, which include: Allen key, mini-wrench, and removal tool. Our tough and resilient carry case is excellent for securing your hand crimp tool against losing components and keeps the tool protected against vibration, dust, and moisture. *(Die sets sold separately)*

HC-200 – Hand Crimp Deluxe Tool Kit

The HC-200 Hand Crimp Deluxe Tool Kit comes with the hand crimp tool frame, a large carrying case, wire stripper, and accessory kit, which include: Allen key, mini-wrench, and removal tool. The durable carry case include with the Deluxe Tool Kit is excellent for keeping your tool clean and ready for use. *(Die sets sold separately)*



HC-300 – Die Set Carry Case

The HC-300 is a durable, convenient, and easy to use carry case which has 10 slots for organizing and transporting your die sets. *(Die sets sold separately)*

To ensure the correct die set part number is ordered, please reference the Delphi terminal part number via the Cross Reference document on-line <http://www.powerandsignal.com/IDC/Products/HandCrimp.aspx> or contact your Power & Signal Group customer representative at 800-722-5273 or (216) 378-6600..

Power & Signal Hand Crimp Tool		
Features	Advantages	Benefits
Optimized crimp quality for low volume usage	Easy to use in prototyping, repair, field service, and low volume production	Reliable and repeatable performance
Selected terminals successfully tested and compared to machine crimps to USCAR-21 Crimp Performance Spec	Proves design intent for PSG Hand Crimp Tools on Delphi terminals	Assures long term electrical and mechanical performance of crimp
User manual provides helpful information in hand crimping terminals; includes Visual Crimp Standards for the most common nonconformance	Everything required for a quality crimp within reach of the user.	Assures quality operation of the tool
Every tool is easy to use with an ergonomic handle tested to require less than 120 Newtons of closure force	Handle is designed to conform with both left and right hands	Comfortable use of tool
Fits existing pneumatic assist devices	Can be adapted to a variety of pneumatic assist devices	Adaptability saves the user muscle strain and can speed up production
Designed to accommodate both round pin and sleeve type terminals and blade & box type terminals	Enhanced versatility and usefulness	Save time and money from highly adaptable precision tooling ready for both current and future applications
Customized die sets are available upon customer request*		No need to buy additional tools, just die sets
Crimp die sets available for both U.S. and European cabling	Easily swap out U.S. die sets for European and vice versa	
Crimp die sets are made of high grade steel hardened and polished similar to machine crimp tools	Highly durable crimp dies can take damage while having a long service life	Save money and time from having to order replacement die sets
Locator and wire stop designed to optimize crimp quality and is included with each die insert package specific to the Delphi terminal	Wire stop assures specified strip length of cable is placed in the core crimp when used with strip lengths in die insert package	Both the wire stop and locator allow the user to optimize crimp quality for their desired Delphi terminal application
	Locator accommodates both male and female terminals, unsealed or sealed Allows for the positioning of the terminal, giving the user a precision core and insulation crimp	
Tolerance adjustment wheel for crimp dimensions	Can adjust the core crimp level of the crimp. Insulation crimp is fixed with the tool for TXL and GXL insulation thickness.	Worry-free crimp quality
Ratchet type operation	Ratchet insures that adjusted crimp height is achieved.	Helpful in reducing the necessary force for crimping and controlling repeatable crimp dimensions
Easy assembly and disassembly - all directions are included with specific insert dies	Quick and seamless operation	Save time and go on to other tasks in the day
Long operating life – body is made of durable plastic and corrosion protected metal parts.	Tough, hard body construction	Prevent significant and unintentional damage Save money on replacement tools, knowing you have a highly dependable tool

*Minimum order of 10 pieces required

NOTE: PSG can supply an OEM type Delphi approved Variac Soldering Kit (#PIO551PS) for customers who need the added assurance of a solder bonded crimp.

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