



HC5
HYDRAULIC CRIMPER - 5 TON
HT-070306
QUICK START GUIDE

HC5 OVERVIEW

The Haltech hydraulic lug crimping tool HC5 is an ideal solution for crimping SurLok connectors on your NEXUS series VCU.

Providing up to 5 US Tons of force, the HC5 can precisely crimp a variety of cables including battery and welding cables as well as terminal lugs.

Its black oxide finish provides a durable, rugged solution to protecting your crimping tool and prevent marring when swapping dies.

Included in the kit are 8 electroplated crimping dies in 4, 6, 10, 16, 25, 35, 50 and 70 mm² sizes.

Also included is a Hydraulic Rebuild Kit which helps in increasing the working life of the crimper as well as maintaining its optimum performance.



HC5 OVERVIEW



What's in the box?

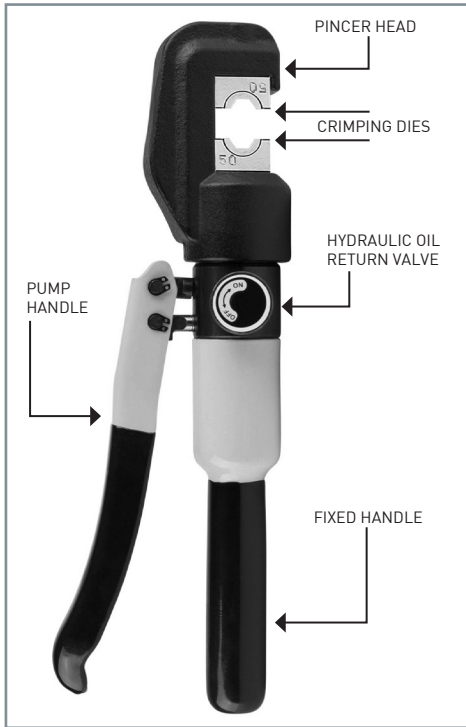
- HC5 - Hydraulic Crimper (5 Ton) (HT-070306)
- 8 x Crimping Dies (Sizes: 4,6,10,16,25,35,50,70mm²)
- Hydraulic Rebuild Kit
- Moulded Carry Case
- Quick Start Guide

Unpacking

Please check to ensure the product is intact and undamaged. Should you find any parts missing or damaged please contact your nearest Haltech office.

Important Safety Information

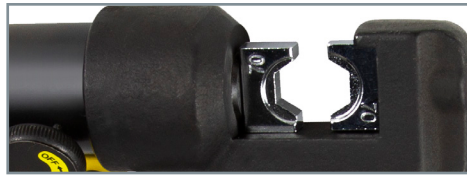
Read this Quick Start Guide before using this product. Use this product only according to these guidelines. Improper use can be hazardous.



Interchangeable Dies

To replace a die set, release the jaws by rotating the Hydraulic Return Valve into "OFF" position. This will release the hydraulic pressure inside of the tool.

Once the jaws are opened, simply pull and the die should release from its mount.



Hydraulic Rebuild Kit

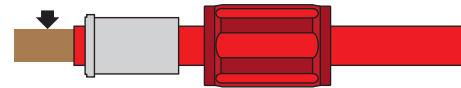
The HC5 includes a set of spare cylinder and handle o-rings. Replacing HC5 o-rings should only be attempted by a qualified technician.



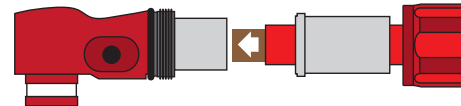
1. Separate the backshell and seal from the SurLok connector body and slide them onto the cable to be crimped.



2. Strip 20mm (3/4") of sheathing from your 1AWG cable.



3. Insert your exposed cable into the SurLok connector ferrule.



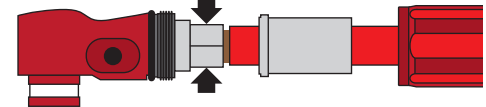
4. Place the SurLok ferrule between the set of crimping dies. Refer to table on pg 6 for die size recommendations.



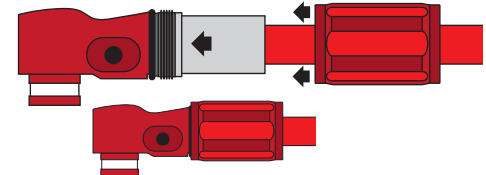
5. Rotate the Hydraulic Oil Return Valve to the "ON" position then slowly squeeze the pump handle to crimp ferrule and cable together.



6. Rotate the Hydraulic Oil Return Valve to the "OFF" position to release the crimping head. Flip cable over to ensure ferrule is crimped completely on all sides. Repeat crimping process if necessary.



7. Pull the seal over the ferrule then pull the backshell, tightening it onto the SurLok connector head.



HC5 SPECIFICATIONS

TECHNICAL PARAMETERS

Product Dimensions	310mm
Packaged Weight	2.9kg
Crimping Force	5 tonne
Crimping Stroke	11mm
Crimping Range	4-70 mm2 (AWG 12 to 00)
Hydraulic Oil	ISO 15

AWG DIE SELECTION CHART

AWG	DIE
00	70
1	50
2	35
4	25
6	16
8	10
10	6
12	4

IMPORTANT NOTES:

Before each use, inspect the general condition of the HC5. Check for misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect its safe operation.

While crimping, make sure to not overcrimp the dies past initial contact. Excessive pressure can result in damaging the dies and hydraulic piston.

Do not drop or damage the crimp head.

Never crimp wires that are electrically charged.

Ensure the tool has sufficient hydraulic oil in the piston before operation.

Keep your hands and fingers away from the crimping die when using the hydraulic crimper.

Do not use an extension for added leverage on the fixed handle.

Store your HC5 in its carry case and keep the case in a clean, dry, safe location out of reach of children.

To clean, use a clean cloth with a mild detergent. Dry with cloth. Do not use solvents.

For more information contact: support@haltech.com



WARRANTY CERTIFICATE

At Haltech we make every effort to design and manufacture fault-free products that perform up to or above the market expectations. All our products are covered by a Limited 12 Month Warranty.

Haltech Limited Warranty

Unless specified otherwise, Haltech warrants its products to be free from defects in material or workmanship for a period of 12 months from the date of purchase.

If the Haltech product is found to be defective as mentioned above, it will be replaced or repaired if returned prepaid along with proof of purchase. Proof of purchase in the form of a copy of the original purchase invoice, receipt or bill of sale which indicates that the product is within the warranty period, must be presented to obtain warranty service.

Replacement or repair of a defective product shall constitute the sole liability of Haltech. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representations, either expressed or implied, including any implied warranty of merchantability or fitness. In no event shall Haltech, be liable for special or consequential damages.

Product Returns

Please include a copy of the original purchase invoice, receipt or bill of sale along with the unused, undamaged product and its original packaging. Any product returned with missing accessory items or packaging will incur extra charges to return the item to a re-saleable condition.

All product returns must be sent via a freight method with adequate tracking, insurance and proof of delivery services. Haltech will not be held responsible for product returns lost during transit.

Returns of Products Supplied in Sealed Packaging

The sale of any sensor or accessory supplied in sealed packaging is strictly non-refundable if the sealed packaging has been opened or tampered with. This will be clearly noted on the product packaging. If you do not accept these terms please return the sensor in its original unopened packaging within 30 days for a full refund.

A sensor or accessory product may be returned after 30 days of purchase (with its sealed packaging in tact) for credit only (no refunds given) and will be subject to a 10% restocking fee.

Installation of Haltech Products

No responsibility whatsoever is accepted by Haltech for the fitment of Haltech Products. The onus is clearly on the installer to ensure that both their knowledge and the parts selected are correct for that particular application. Any damage to parts or consequential damage or costs resulting from the incorrect installation of Haltech products are totally the responsibility of the installer.

Always disconnect the battery when doing electrical work on your vehicle. Avoid sparks, open flames or use of electrical devices near flammable substances. Do not run the engine with a battery charger connected as this could damage the ECU and other electrical equipment.

Do not overcharge the battery or reverse the polarity of the battery or any charging unit. Disconnect the Haltech ECU from the electrical system whenever doing any welding on the vehicle by unplugging the wiring harness connector from the ECU.

After completing the ECU installation, make sure there is no wiring left un-insulated. Uninsulated wiring can cause sparks, short circuits and in some cases fire. Before attempting to run the engine ensure there are no leaks in the fuel system. All fuel system components and wiring should be mounted away from heat sources, shielded if necessary and well ventilated. Always ensure that you follow workshop safety procedures. If you're working underneath a jacked-up car, always use safety stands!

Haltech Off-Road Usage Policy

In many states it is unlawful to tamper with your vehicle's emissions equipment. Haltech products are designed and sold for sanctioned off-road/competition non-emissions controlled vehicles only and may never be used on a public road or highway.

Using Haltech products for street/road use on public roads or highways is prohibited by law unless a specific regulatory exemption exists (more information can be found on the SEMA Action Network website www.semanet.com/emissions for state by state details in the USA).

It is the responsibility of the installer and/or user of this product to ensure compliance with all applicable local and federal laws and regulations. Please check with your local vehicle authority before purchasing, using or installing any Haltech product.

08/2021

Haltech Australia

17 Durian Place, Wetherill Park
NSW 2164 Australia
Phone: +61 2 9729 0999
Email: aus@haltech.com

Haltech New Zealand

Grey Lynn Auckland, NZ 1021
Phone: 09 887 0616
Email: nz@haltech.com

Haltech USA East

750 Miles Point Way,
Lexington, KY 40510 USA
Phone: +1 888 298 8116
Email: usa@haltech.com

Haltech USA West

26429 Rancho Parkway S, Unit 125
Lake Forest, CA 92630 USA
Phone: +1 949 490 5660
Email: usa@haltech.com

Haltech Europe

Ottogasse 2A,
2333 Leopoldsdorf, Austria
Phone: +43 720 883968
Email: europe@haltech.com

Haltech UK

Unit 1, Miras Business Estate, Lower Keys Business Park,
Keys Park Road, Hednesford, WS12 2FS
Phone: +44 121 285 6650
Email: uk@haltech.com



facebook.com/HaltechEngineManagement



youtube.com/haltechecu



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