



CRIMPING
STEP-BY-STEP
INSTRUCTIONS



SUPERSEAL

Detailed application instructions for crimping with the HELLA Heavy Duty system



Heavy Duty tool case
Composition example

The modular **design of HELLA's Heavy Duty** tool system case provides for clean and tidy storage for all crimping and releasing applications. The front section can accommodate one complete set of pliers (handle and head) and up to four more tool heads. The rear section offers plenty of space for a variety of releasing blades and the corresponding basic handle.

Heavy Duty toolbox
Part number: 8PE 863 807-041



Tool handle for crimping pliers
Part number: 8PE 863 807-051



Tool head ABS-G
Part number: 8PE 863 807-071

Heavy duty tool system

HELLA's Heavy Duty tool system with its linear crimping technology gives your work a very high degree of precision. Unlike conventional radial pliers, this design is remarkable for the uniform distribution of force during the crimping process. This enables you to work to a consistently high standard. The system's modular design allows you to put together your own individual combinations and separately exchange basic handles and crimping or release tools.



Tool handle release
Part number: 8PE 863 807-301



Releasing blade ABS-G Part number: 8PE 863 807-361

Releasing blade SUPERSEAL 1 Part number: 8PE 863 807-351

Releasing blade Deutsch DT Part number: 8PE 863 807-371

The **SUPERSEAL tool head** offers all the advantages of the Heavy Duty System. In addition, the head has an integrated positioning aid on the back, which makes the correct placing of the contact within the tool considerably easier. The specialised construction design enables the integrated execution of the crimping and isolation procedure in one single step. That saves valuable time.



Tool head Deutsch DT
Part number: 8PE 863 807-061



SUPERSEAL tool
Part number: 8PE 863 807-401



SUPERSEAL tool head
with integrated positioning aid

Installation of the SUPERSEAL connection



1 The required tools for correct processing are part of the HELLA Heavy Duty System.



2 They can be put together individually as required...



3 .. and extended.



4 These are the materials required to produce a SUPERSEAL plug connection.



5 First, strip the vehicle cable to a maximum of 5 mm with a suitable tool. Slide on a seal to fit the cross-section of the cable.



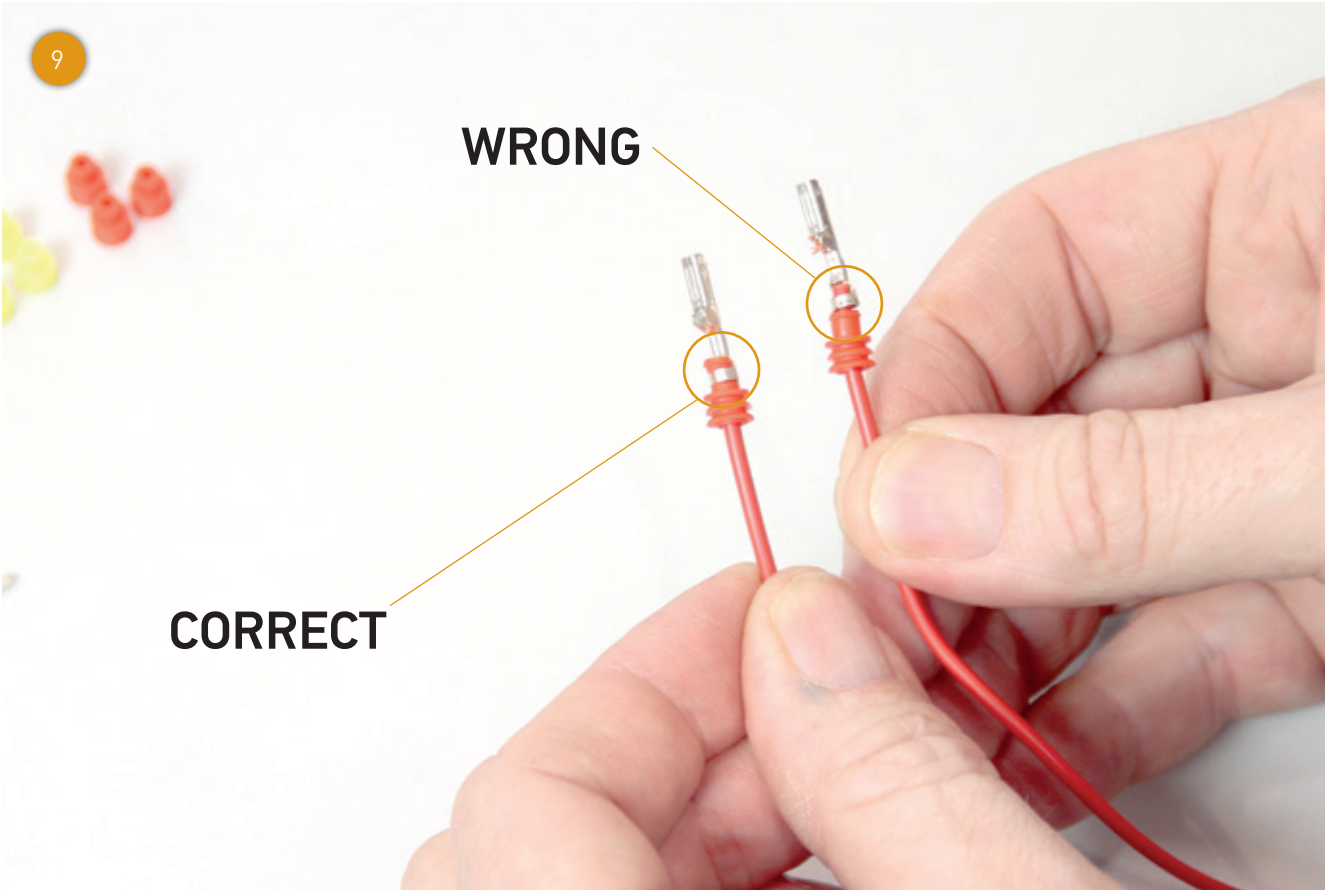
6 Then place the socket contact in the positioning aid of the pliers. Ensure that the socket contact is flush with the front of the tool.



7 Now insert the cable with the seal and crimp the socket contact.



8 It is important that the cable, socket contact and seal are positioned correctly in the tool.



If they are not correctly positioned, the protection from water and dust ingress is not as effective as it could be.



Now insert the crimped socket contact into the socket housing...



..and finally the secondary fuse.



Once the pin housing with cable and the crimped pin contacts have been prepared, both components can be connected as appropriate.



Putting the plug connection together in this way ensures that it is dust and waterproof.

Dismantling the SUPERSEAL connection



To dismantle a "SUPERSEAL" plug connection correctly, use the appropriate release tool which is also available as part of the range.



Use it to release the secondary fuses in the bush or pin housing.



By releasing the locking tab on the contact pins, you can then...



... pull the cable out from the back of the **contact housing**.



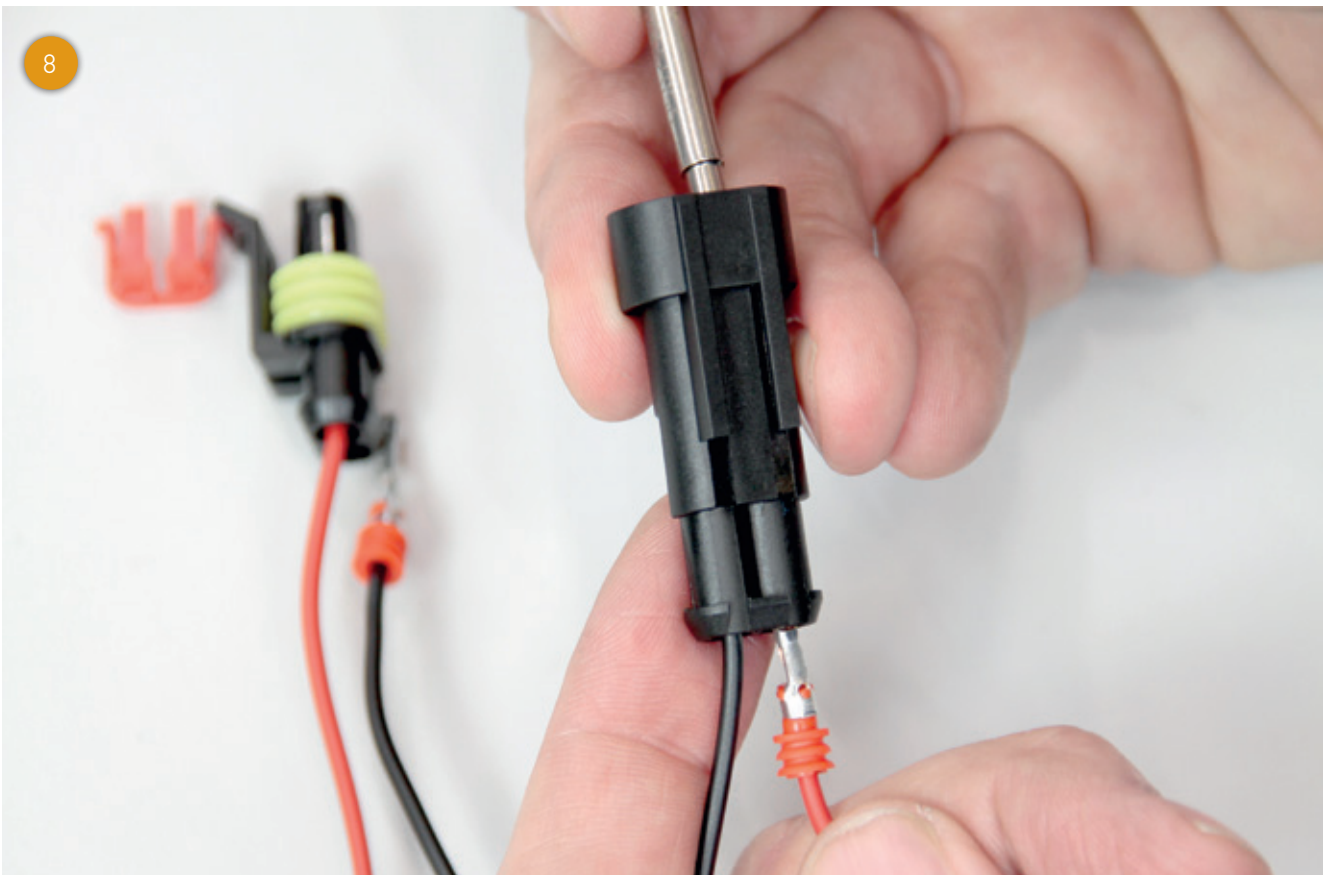
In the case of the **pin housing** you have to use the release tool...



....prise out the secondary fuse.



Here you also have to unlock the locking tab on the contact pins...



.....and pull out the cable from the back of the housing.

Scan the QR code and watch the instructions as a video:



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The video containing instructions for crimping the
SUPERSEAL connection can be seen here:

