



CRIMPING
STEP-BY-STEP
INSTRUCTIONS



DEUTSCH DT

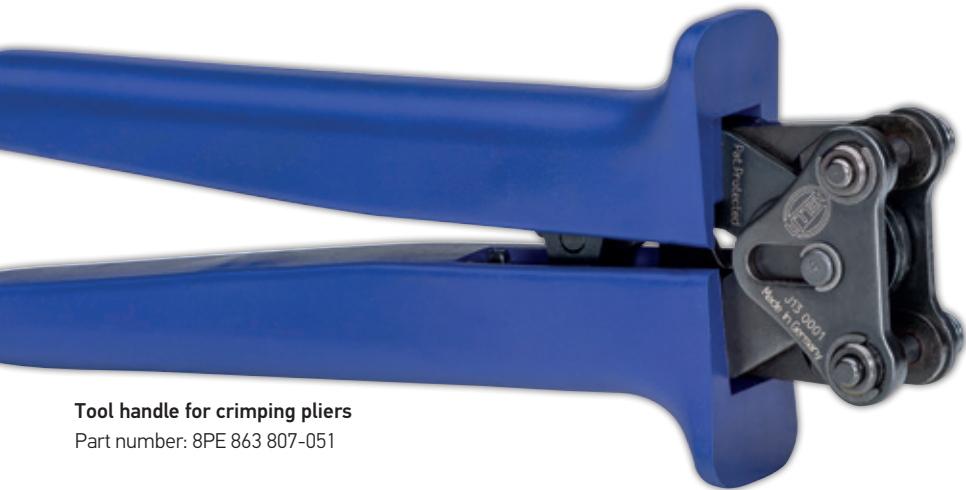
Detailed application instructions for crimping with the HELLA Heavy Duty System



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 tool case
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.



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



SUPERSEAL tool head
Part number: 8PE 863 807-401



SUPERSEAL tool head
with integrated positioning aid

Installation of the DEUTSCH DT connection



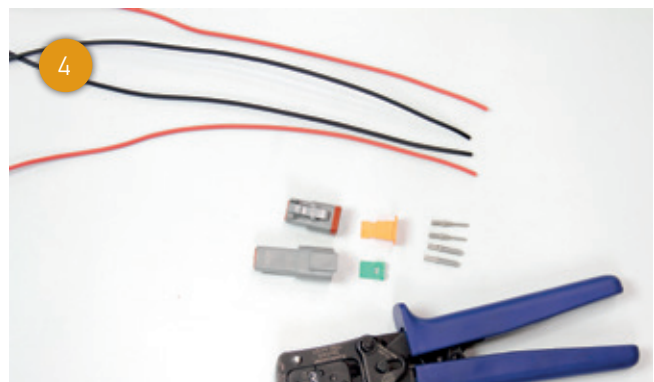
1 The required tools for correct processing are part of the HELLA Heavy Duty System.



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



3 .. and extended.



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



5 First, strip the vehicle cable to a maximum of 3-5 mm with a suitable tool...



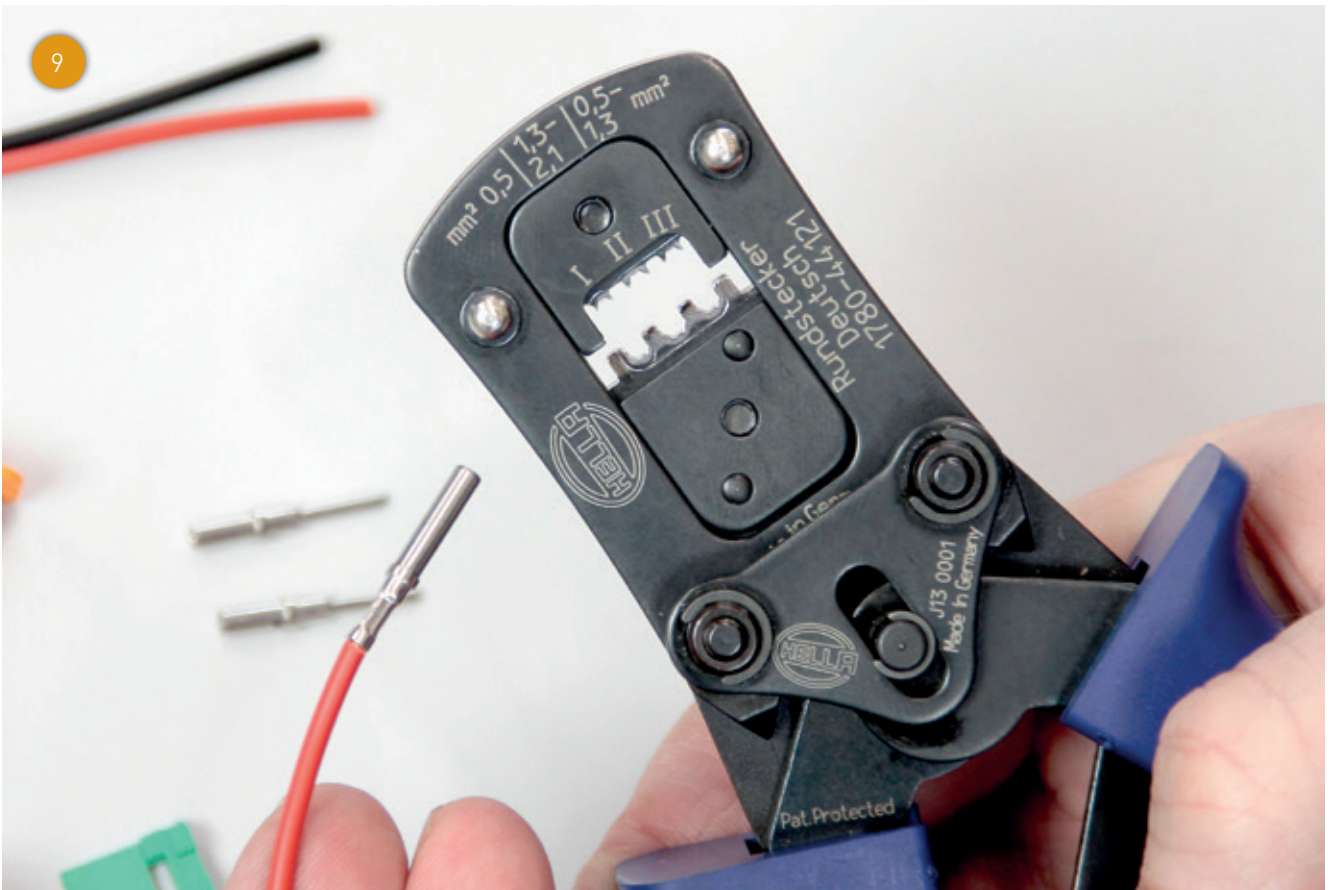
6 ... and place the plug flush with the front side in the pliers.



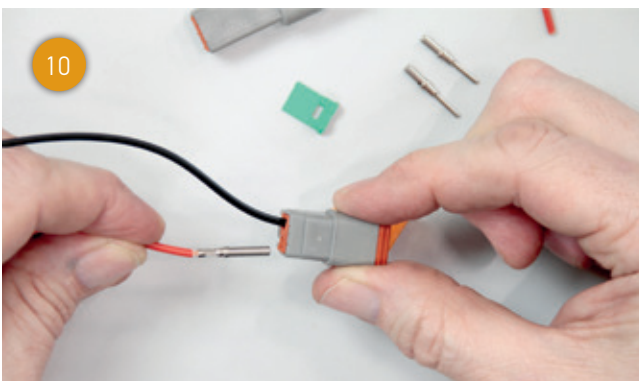
7 Close the pliers...



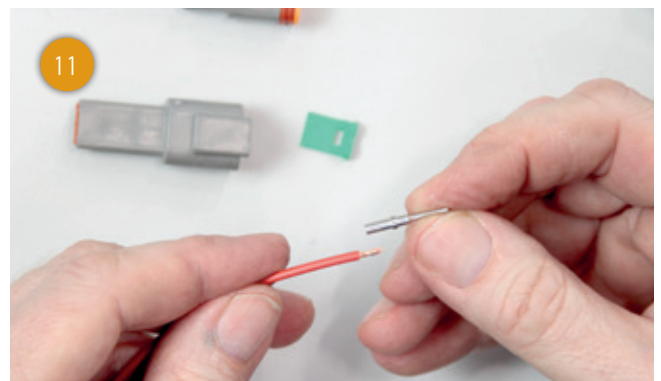
8 ... to crimp the contact sleeve with the cable.



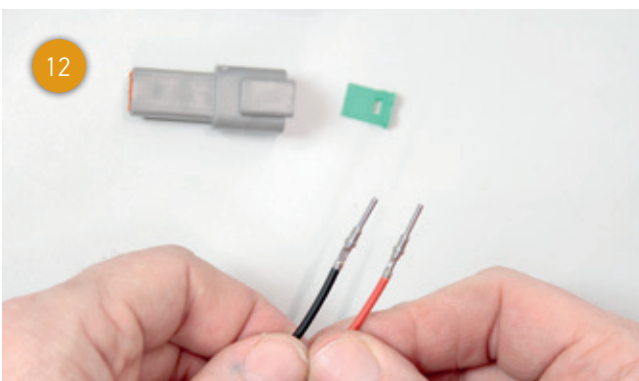
Ensure that the cable and the contact pin are neatly crimped.



Now insert the prepared cables through the rubber seal of the connector until they audibly click into place.



Strip the cable for the housing in the same way...



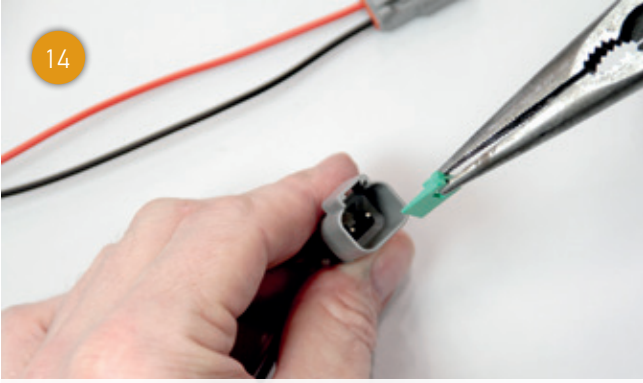
...crimp the contact pin with the cable.



...and insert these also through the rubber seal of the housing until they audibly click into place.

STEP-BY-STEP INSTRUCTIONS

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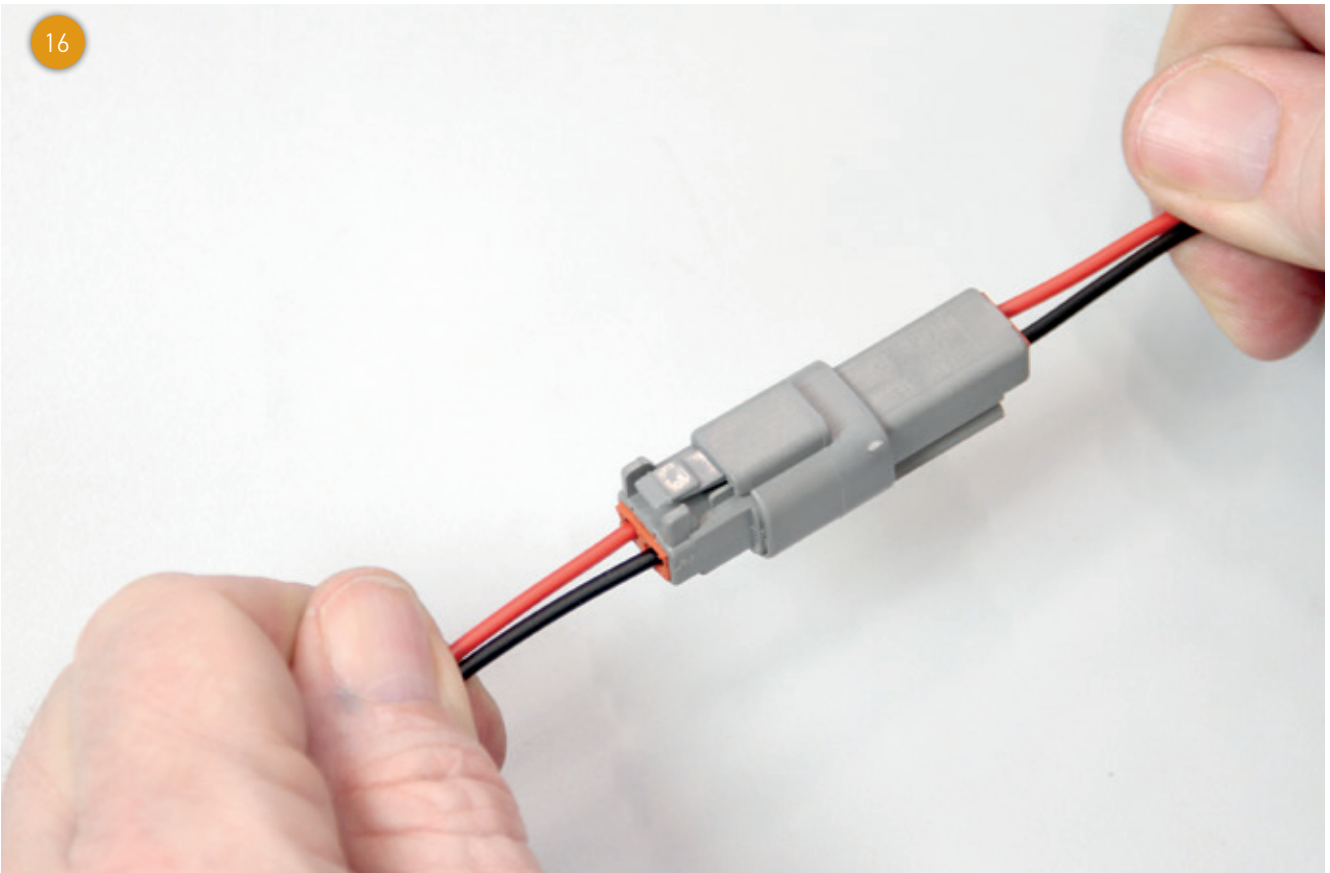
To complete the plug connection, all you need to do is insert the secondary fuses into the connector and the housing.

15



We recommend you use needle-nose pliers to insert the secondary fuses in the housing.

16

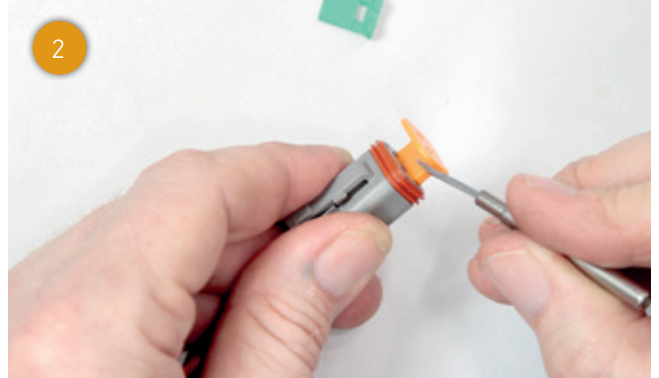


Putting the plug connection together in this way ensures that it is dust and waterproof.

Dismantling the DEUTSCH DT connection



1
To dismantle a "DT" plug connection, use the appropriate release tool which is also available as part of the range.



2
First position the tool at the recess in the secondary fuse and lever it off the connector.



3
The secondary fuse in the housing must be removed before dismantling. Then you will be able to pull the cable out towards the back by releasing the locking tab on the connector or the housing.

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



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

