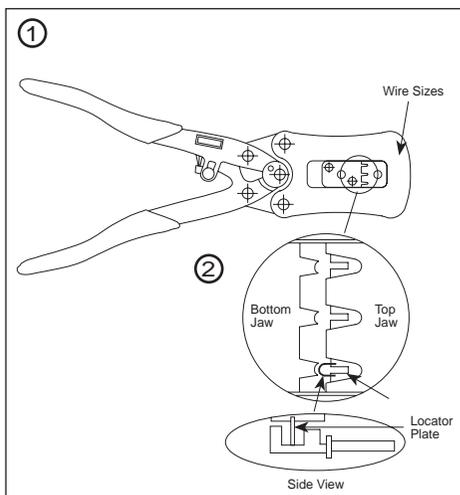




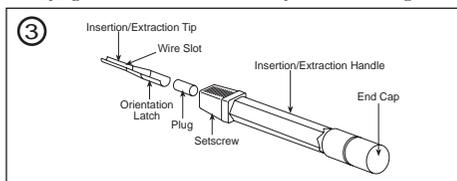
## Crimp Tool and Insert Extract Tool

RS stock no.446-816 &amp; 446-822



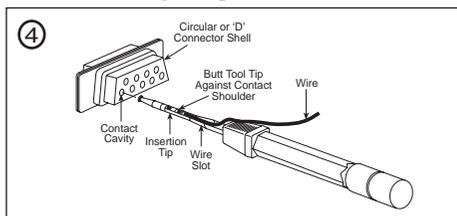
| Function   | Wire Size      | Colour |
|------------|----------------|--------|
| Insertion  | 28 to 20 a.w.g | Yellow |
| Extraction | 28 to 24 a.w.g | Brown  |
| Extraction | 24 to 20 a.w.g | Red    |

Fit the appropriate insertion/extraction tip into the tool handle using the plug fitted to the widest end of the tip. The orientation latch on the tip should be towards the setscrew side of the handle. Using the hex key, tighten the setscrew to secure tip in the handle, figure 3.



### Insertion

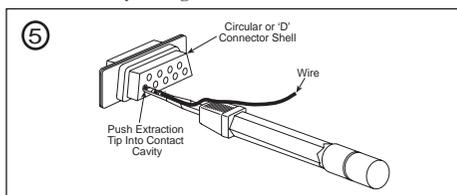
With wire seated in the wire slot of the tip, butt the tip against the contact shoulder and push the contact fully into the required cavity. Remove the insertion tip. See figure 4.



### Extraction

With wire fed into the extraction tip wire slot, push the tip firmly over the wire and into the cavity.

Holding the wire tight against the tool handle or tip, pull out the contact with the tip. See figure 5.



### Crimping Instructions

1. Open the tool jaws by squeezing the handles and allowing them to spring open.
2. Position the chosen contact according to wire size marked on the tool frame and tabled as follows:-

| Wire Size                   | a.w.g.   | Insulation Dia. Range |
|-----------------------------|----------|-----------------------|
| 0.2 to 0.56mm <sup>2</sup>  | 24/22/20 | 1.3 - 1.5mm           |
| 0.08 to 0.2mm <sup>2</sup>  | 28/26/24 | 1.0mm (max.)          |
| 0.03 to 0.09mm <sup>2</sup> | 30/28    | 0.5 - 1.0mm           |

3. Seating the contact on the bottom jaw, carefully close the tool handles so that at the first ratchet position the location plate is positioned between the insulation crimp and conductor crimp ears on the contact. See side view figure 2.
4. With the contact held in the jaws take prepared wire and feed it into the contact (conductor through the locator plate).
5. Close the tool handles fully to terminate. Allow handles to open and release the crimped contact.

### Contact insertion/extraction

Insertion/extraction tips plus hexagon key are stored inside the tool handle and are found by removing the end cap see figure 3. Tips are coded by coloured dots according to function and wire size as follows:-

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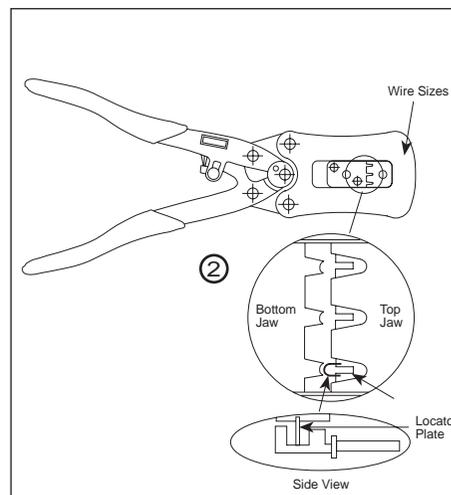
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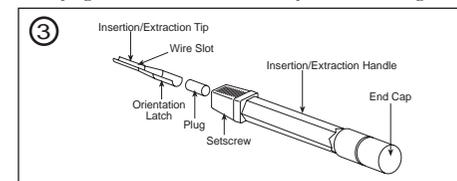
## Crimp Tool and Insert Extract Tool

RS stock no.446-816 &amp; 446-822



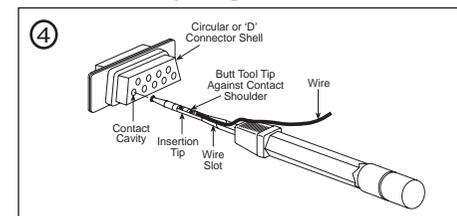
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| Extraction | 28 to 24 a.w.g | Brown  |
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### Insertion

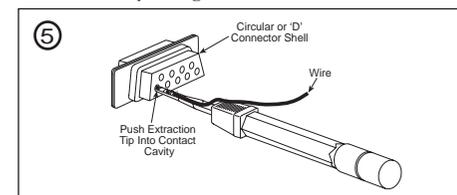
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