

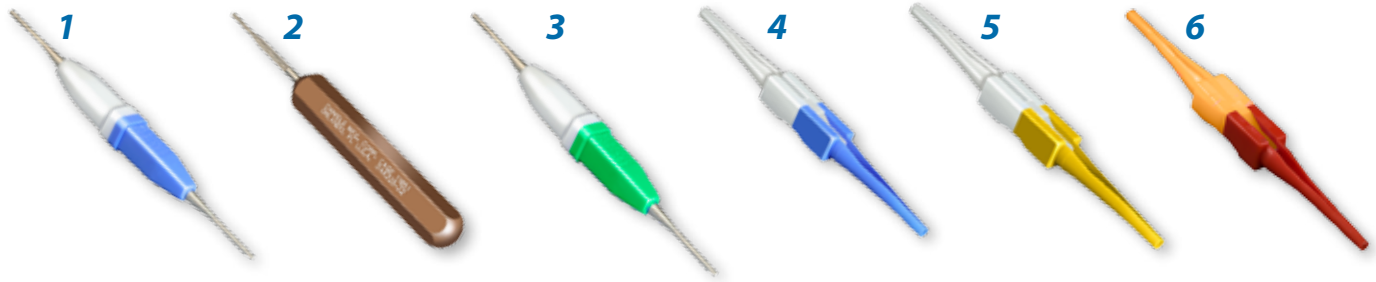


Series 80 Mighty Mouse Contacts and Tools

Contact Insertion and Removal Tools and Contact Retention Tester 809-107

A

Contact insertion and removal tools



| Figure | Size | Type | Part Number | Military Part Number | Daniels Part Number |
|--------|-------|----------------------|-----------------------------------|----------------------|---------------------|
| 1 | #23 | Insertion/Extraction | 809-088 | (None) | (None) |
| 2 | #23 | Insertion Only | 809-013 | (None) | DAK225-22 |
| 3 | #20HD | Insertion/Extraction | 809-203 (Append D for Delrin tip) | (None) | (None) |
| 4 | #16 | Insertion/Extraction | 809-131 | M81969/14-03 | (None) |
| 5 | #12 | Insertion/extraction | 809-132 | M81969/14-04 | (None) |
| 6 | #20 | Insertion/extraction | 809-207 | M81969/14-10 | (None) |

1 Insertion/Extraction Tool for #23 Contacts. Features molded plastic grips and sturdy stainless steel tips. Blue/White molded handle.

3 Insertion/Extraction Tool for #20HD Contacts. This tool features molded plastic grips and sturdy stainless steel or Delrin tips. Molded handle in Green/White for SS or Green/Blue for Delrin tips.

5 Insertion/Extraction Tool for #12 Contacts. Use with size #12 coaxial or power contacts. Molded plastic. White extraction tip, yellow insertion tip.

2 Insertion Tool for #23 Contacts. This tool features anodized aluminum handle and stainless steel insertion tip.

4 Insertion/Extraction Tool for #16 Contacts. Use with size #16 coaxial or power contacts. Economical molded plastic. White extraction tip, blue insertion tip.

6 Insertion/Extraction Tool for #20 Contacts. Molded plastic. Orange extraction tip, red insertion tip.

Contact retention testers for size #23, #20, #16, #12 contacts (Kit or Individual Parts)



Check for properly seated contacts with this spring-loaded tester. Apply the tool tip to the mating end of a contact. Push on the handle until the spring compresses to the recommended force. A visual indicator shows full compression. The contact is properly retained if it is not displaced.

Adjust handle to appropriate settings:

| Contact | P/N | Setting |
|------------|-----------|------------|
| #23 | 809-107-1 | 3.2 pounds |
| #20 & 20HD | 809-370-1 | 8 pounds |
| #16 | 809-371-1 | 13 pounds |
| #12 | 809-372-1 | 13 pounds |

| Contact Size | Handle | Pin Tip | Socket Tip | Complete Kit |
|--------------|------------------------|--------------------------|--------------------------|--------------|
| #23 | 809-107-1 (HT250-2) | 809-107-2 (68-023-01) | 809-107-3 (67-023-01) | 809-107-4 |
| #20 & 20HD | 809-370-1 (HT250-4) | 890-370-2 (68-020-01) | 809-370-3 (67-020-01) | 809-370-4 |
| #16 | 809-371-1 (HT250-4) | 809-371-2 (68-016-01) | 809-371-3 (67-016-01) | 809-371-4 |
| #12 | 809-372-1 (HT250-4) | 809-372-2 (68-012-01) | 809-372-3 (67-012-01) | 809-372-4 |

Daniels part numbers provided in parenthesis

Dimensions in Inches (millimeters) are subject to change without notice.

Mouser Electronics

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