



## Series 80 Mighty Mouse Contacts and Tools

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

#### Contact insertion and removal tools

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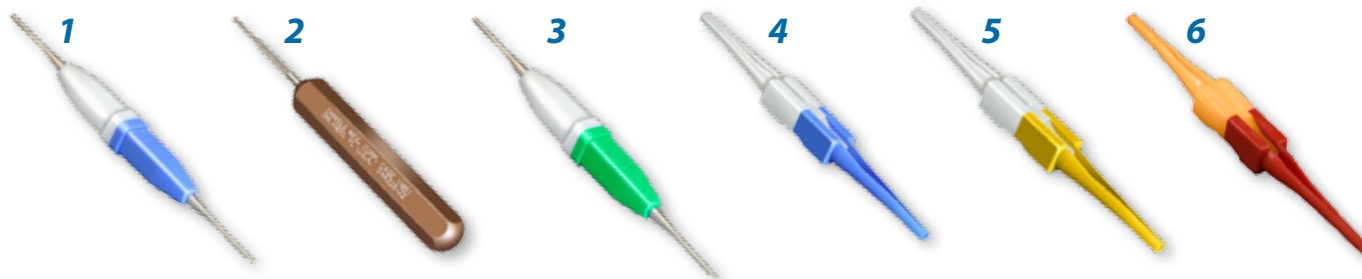


Figure	Size	Type	Part Number	Military Part Number	Daniels Part Number
1	#23	Insertion/Extraction	809-088	(None)	(None)
2	#23	Insertion Only	809-013	(None)	DAK225-22
3	#20HD	Insertion/Extraction	809-203 (Append D for Delrin tip)	(None)	(None)
4	#16	Insertion/Extraction	809-131	M81969/14-03	(None)
5	#12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

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

**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.

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

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

Authorized Distributor

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[M81969/14-10](#)