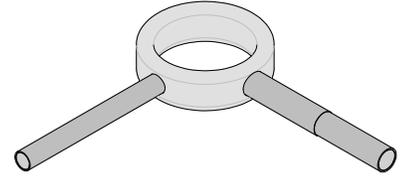




**Extractor Tool  
Instruction Sheet  
Order No. 638240200  
Engineering No. HT2066A**



**FEATURES**

- This Extractor Tool is for the removal of .093 and HCS-125 Product Series (pin and socket male and female terminals) in both plugs and receptacles.

**SCOPE**

**Products:** 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminals and 3.18mm (.125") Diameter HCS-125 Pin and Socket Crimp Terminals

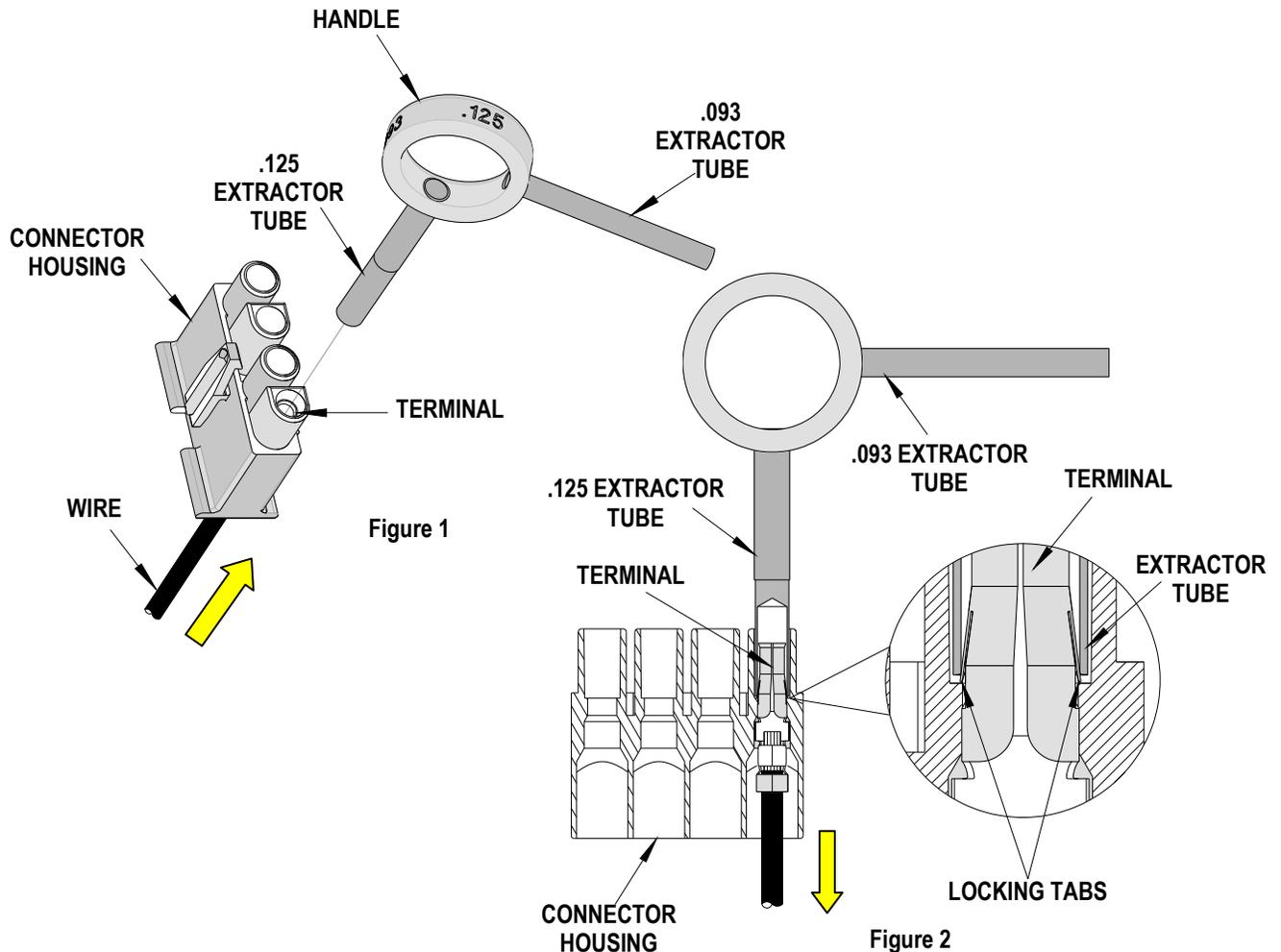
Terminal Series No.		Housing Series No.	Terminal Order No.				
1189	Standard .093" 14-20 AWG Female	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-1101	02-09-1102	02-09-1103	02-09-1104	02-09-3101
			02-09-3102	02-09-3103	02-09-3104	02-09-5100	02-09-5102
			02-09-5106	02-09-5111	39-00-0071	39-00-0072	39-00-0135
			39-00-0136	39-00-0281	39-00-0282	39-00-0288	39-00-0289
			39-00-0290	39-00-0291	39-00-0292	39-00-0293	39-00-0294
			39-00-0295	50-29-1617	50-36-1654	50-36-1655	
1190	Standard .093" Male 14-20 AWG		02-09-2101	02-09-2103	02-09-2170	02-09-2171	02-09-4104
			02-09-6100	02-09-6101	02-09-6106	02-09-6110	39-00-0105
			39-00-0106	39-00-0296	39-00-0297	39-00-0298	39-00-0299
			39-00-0300	39-00-0301			
1376	Standard .093" 14-20 AWG Male	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629	02-09-2133	02-09-2134	02-09-6132	02-09-6134	02-09-6138
1377	Standard .093" 14-20 AWG Female		50-34-8509				
1380	Standard .093" Male 18-22 AWG	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-1134	02-09-5132	50-34-8511		
			02-09-2116	02-09-2117	02-09-2118	02-09-2119	02-09-2127
			02-09-6122	02-09-6123	02-09-6125	02-09-6126	39-00-0283
			39-00-0302	39-00-0303	39-00-0304	39-00-0305	39-00-0306
1381	Standard .093" Female 18-22 AWG		40-01-1139				
			02-09-1115	02-09-1116	02-09-1117	02-09-1118	02-09-1119
			02-09-1129	02-09-1130	02-09-5130	02-09-5133	02-09-5142
			02-09-5143	39-00-0284	39-00-0285	39-00-0307	39-00-0308
			39-00-0309	39-00-0310	39-00-0311	39-00-0312	39-00-0313
			39-00-0314	40-01-1191	40-01-1192		
1433	Standard .093" Female 24-28 AWG	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-1141	02-09-1142	02-09-1144	02-09-1145	02-09-1146
			02-09-1147	02-09-5146	02-09-5147		
			39-00-0315	39-00-0316	39-00-0317	39-00-0318	39-00-0319
			39-00-0320	39-00-0321	39-00-0322	98-00-0228	98-00-0228
1434	Standard .093" Male 24-30 AWG		02-09-2141	02-09-2142	02-09-2143	02-09-2149	02-09-6144
			02-09-6145	39-00-0323	39-00-0324	39-00-0325	39-00-0326
			40-01-1107		98-00-0249	98-00-0250	
1900	HCS-125 Pin 10-14 AWG	42179	18-12-2601	18-12-2602			
1901	HCS-125 Socket 10-14 AWG		18-12-1601	18-12-1602			
1973	Standard .093" 14-18 AWG	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-8103	02-09-8104	02-09-8107	02-09-8108	02-09-8109

Terminal Series No.		Housing Series No.	Terminal Order No.				
2046	HCS-125 Pin 16-18 AWG	42179	18-12-2221	18-12-2222			
2047	HCS-125 Socket 16-18 AWG	42179	18-12-1221	18-12-1222			
2151	Standard .093" 18-22 AWG Female	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-1201	02-09-1202	02-09-1203	02-09-1204	02-09-5203
2152	Standard .093" 18-22 AWG Male		02-09-2201	02-09-2202	02-09-3202	02-09-6202	02-09-6203
2236	Standard .093" 20-22 AWG		18-09-2802	18-09-2805	18-09-2806		
2237	Standard .093" 20-22 AWG		18-09-1605	18-09-1606			
2269	Standard .093" 14-20 AWG Female		02-09-1105				
2273	Standard .093" 18-22 AWG Female	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-1122	02-09-1135			
2282	Standard .093" 14-16 AWG		18-09-2803	18-09-2804	18-09-2807		
2283	Standard .093" 14-16 AWG		18-09-1603	18-09-1604	18-09-1607	18-09-1608	
2605	Standard .093" Pin	3191	02-09-1145	02-09-1146	39-00-0382	39-00-0383	39-00-0384
2606	Standard .093" Pin		02-09-8113				
2870	Standard .093" Pin 22-24 AWG	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-2136	02-09-2137	02-09-2138		
2871	Standard .093" 22-24 AWG Female		02-09-1136	02-09-1137	02-09-1138	02-09-1139	50-36-1656
4272	Standard .093" Pin 18-22 AWG		50-36-1657				
4549	Standard .093" 14-20 AWG		02-09-1149	02-09-1151			
4549	Standard .093" 14-20 AWG		02-09-2166	02-09-2167	02-09-3203		
4550	Standard .093" 14-20 AWG		02-09-1205	02-09-1206	02-09-5169	02-09-5170	50-29-1618
6271	Standard .093" 18-22 AWG Female	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-1212	02-09-1208			
6310	Standard .093" 14-20 AWG Female		02-09-1209	02-09-1211			
7238	Standard .093" 14-18 AWG		02-09-1111	02-09-1112			
7239	Standard .093" 14-18 AWG Male	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629, 3191	02-09-2111	02-09-2112			
8058	Standard .093" 18-22 AWG Female		02-09-1148				
8946	HCS-125 Pin 16-18 AWG	42179	18-12-2402	18-12-2404	40-07-1303		
8947	HCS-125 Socket 16-18 AWG		18-12-1404				
41483	Standard .093" 14-18 AWG Female		02-09-1153	02-09-1154	02-09-1155	02-09-1156	
42138	Standard .093" 14-18 AWG Male		02-09-2170	02-09-2171	02-09-2172		
42477	Standard .093" 14-18 AWG Socket		02-09-1615	02-09-1616	42477-0005		
42478	Standard .093" 14-18 AWG Pin	1261, 1292, 1360, 1375, 1396, 1490, 1545, 1619, 2163, 2629	02-09-2611	02-09-2612	02-09-2613	42478-0001	42478-0002
42546	HCS-125 Pin 10-14 AWG	42179	18-12-1607	42546-0001			
42547	HCS-125 Socket 10-14 AWG		18-12-1604	18-12-1603			
42554	HCS-125 Pin 16-18 AWG		18-12-2405				
42555	HCS-125 Socket 16-18 AWG		18-12-1221	18-12-1605			

**OPERATION:**

1. This Extractor Tool has two Extractor Tubes, mounted at right angles on a ring shaped handle. They are for as follows:
2. Use the side with .093 marked on the opposite end of the ring for extraction of Standard .093" Pin and Socket Crimp Terminals.

3. Use the side with .125 marked on the opposite end of the ring for extraction of 3.18mm (.125") Diameter HCS-125 Pin and Socket Crimp Terminals.
4. The Extractor Tool must be **In Line** with the terminal, as shown. Push terminal forward in arrow direction before using the Extractor Tool. See Figure 1.
5. Insert the appropriate Extractor Tube into the hole of the connector housing. When fully inserted, the extractor tool will depress the locking tabs of the terminal. Push the terminal back through the connector housing and pull the terminated wire out in the arrow direction as shown. See Figure 2.
6. Molex does not offer repair parts for Extractor Tools due to the inexpensive nature of these tools.



### Contact Information

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