

Each extraction tool is designed to extract individual DEUTSCH solid and stamped and formed (S&F) pin and socket contacts from rear-release connectors (AEC, DRC, DTHD, HD10, HDP, HD30, Jiffy Splice). Features of the tool are given in Figure 1. See Table 3 for complete listing of extraction tools for size 4,8,12,16,20.

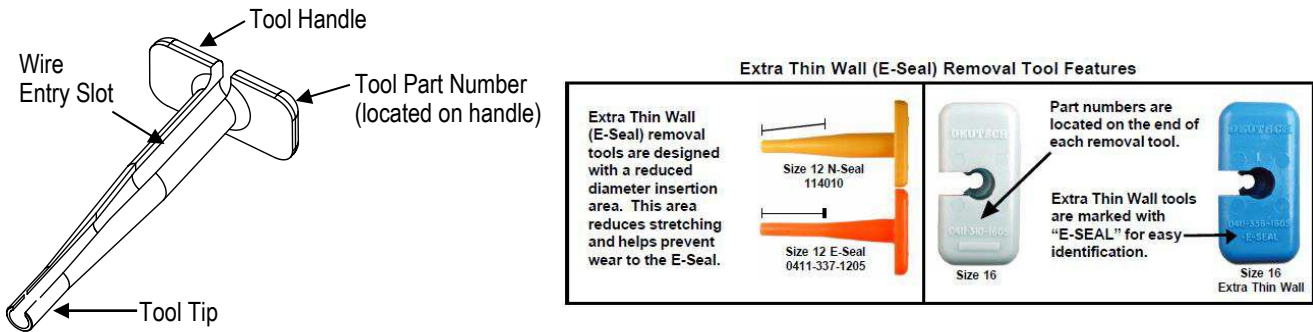


Figure 1

1. USING THE TOOL

1. From the rear of the connector, align the tool tip with the contact cavity of the contact to be removed. Place the wire of the contact over the tool wire entry slot and apply light pressure on the wire until it enters the wire entry slot. See Figure 1, Detail A.
2. Slide the tool along the wire and into the contact cavity until the tool tip engages the contact and resistance is felt. See Figure 1, Detail A.



CAUTION

Do not twist or insert the extraction tool at an angle; otherwise, damage to the cavity retention finger(s) will result.

3. Gently pull the tool with the wire until the contact is removed. See Figure 1, Detail B.



Figure 1

2. TOOL MAINTENANCE

It is recommended that the tool be inspected when received and at regularly scheduled intervals. The tool is not repairable and should be replaced when it is worn or damaged. Store the tool in a clean, dry place, and clean the tool with a soft, lint-free cloth. Additional tools can be purchased from:

TE Connectivity, 4849 Hempstead Station Drive, Kettering, Ohio 45429—Ph: 800-223-1236

3. REVISION SUMMARY

See Section 4 Revision History

Part Number	Contact Size	Color	Wire Size AWG [mm ²]	Maximum Insulation Diameter Inch [mm]	Seal Type	Shape and Color
114009	4	White	6 [13.00-16.00]	.292 [7.42]	N,T,E	
0411-027-0405 (-C038)	4	Black	4 [21.00-25.00]	.420 [10.67]	N	
114008	8	Green	8-10 [6.00-8.00]	.240 [6.10]	N,T,E	
0411-353-0805 (HD Box)	8	Green (Extended)	8-10 [6.00-8.00]	.240 [6.10]	N	
114010	12	Yellow	10-14 [2.00-6.00]	.170 [4.32]	N,T	
0411-337-1205	12	Orange	12-14 [2.00-3.00]	.158 [4.01]	E	
0411-204-1605	16	Royal Blue	16-20 [0.50-1.00]	.134 [3.40]	N	
0411-291-1405	16	Kelly Green	14-16 [1.00-2.00]	.150 [3.81]	N	
0411-310-1605	16	Light Blue	16-20 [0.50-1.00]	.134 [3.40]	T	
0411-336-1605	16	Blue	16-20 [0.50-1.00]	.120 [3.05]	E	
0411-240-2005	20	Red	16-22 [0.35-1.00]	.095 [2.41]	N	

Table 3

4. REVISION SUMMARY

Rev Ltr	Brief Description of Change	Date	Dwn	Apvd
A	Initial Release	2014-12-23	David Meyer	Iliina Grantcharova
B	Page 1. Added tool to Figure 1	2015-07-02	David Meyer	Iliina Grantcharova
C	Page 1. Added rear-release connector series Page 1. Added "Tool Handle" to Figure 1 Page 1. Added E-Seal extraction tool features Page 1. Moved extraction tools to Table 3 Page 2. Updated table to include size 4, 8, 12 tools	2022-12-23	David Meyer	Iliina Grantcharova