



Standard and Customized Hand Tool Kits

Application Tooling and Equipment Portfolio



- Applicators
- Board Processing Equipment
- Crimp Machines and Equipment
- Equipment for Electrical Testing
- FFC-FPC Equipment
- Hand Tools
- IDC Machines
- Insertion Machines for Single Contacts

- Lead Makers
- Magnet Wire Equipment
- MOST Equipment
- SOLARLOK Equipment
- Installation, Inspection and Service as well as Training and Short Term Rental Crimp Applicators within EMEA region

MOST is a trademark of SMSC Europe GmbH.

For more detailed information please refer to our website at
www.tooling.te.com
www.tooling.te.com/europe
www.tooling.te.com/china

Standard and Customized Hand Tool Kits

| Table of Contents | Page |
|--|-------------|
| Introduction TE Connectivity Application Tooling | 2 |
| Finding Tooling and Equipment Online Generic and Specialized Equipment | 3 |
| Vehicle Specific Hand Tool Kit For Automotive Requirements | 4 |
| Universal Hand Tool Kit For Automotive Requirements | 5 |
| MOST™ Repair Kit For MOST™ Applications in general | 6 |
| Customized Insertion and Extraction Tools Kit Automotive Example | 8 |
| Application Tooling Contacts Country Contacts | |

MOST is a trademark of SMSC Europe GmbH.

Standard and Customized Hand Tool Kits

TE Connectivity's (TE) Application Tooling (AT) provides complete hand tool kits that contain the necessary equipment to carry out specific tasks to the highest professional standards.

AT also provides custom kits for volume requirements containing only tools, or a combination of tools, dies and terminals tailored to customers specific requirements.

Kits for promotion and product support purposes can also be provided.

TE Connectivity can create kits to meet of your requirements in any volume.

For further information please visit AT's tooling website to view the online hand tool catalogue for standard kits, or find your local contact to discuss your requirements.

For more detailed information please refer to our website at

www.tooling.te.com

www.tooling.te.com/europe

www.tooling.te.com/china

Standard and Customized Hand Tool Kits

Tooling and Equipment is segregated into two types and managed accordingly:

Generic Equipment

When we can supply you with sufficient information referenced by part number to enable you to identify and order what you need.

Specialized Equipment

When you require additional assistance from AT specialist product managers to identify the correct equipment for your application.

www.tooling.te.com/europe – a dedicated European Tooling Website with:

- Powerful searches to find generic equipment options (Hand Tools / Applicators)
- Detailed information for specialized equipment including local contact information.

Our website is quick and easy to use and is kept up to date with the latest tooling information and developments.

The image displays three overlapping screenshots of the TE Connectivity website. The top-left screenshot shows the 'Application Tooling' page with a navigation menu on the left and a central banner for 'Join TE for EP China 2011'. Below the banner are several categories of equipment with brief descriptions and 'Brochure' links. The top-right screenshot shows the 'Hand Tools' page, featuring a search bar, a list of equipment types, and a 'Quick Links' section. The bottom-right screenshot shows the 'Hand Tool Search Results' page for the part number 91572-1, displaying a table with columns for 'Tool Pk. No.', 'Tool Type', and 'Tool Grade', along with a detailed description of the tool's features and a representative image.

For more detailed information please refer to our website at
www.tooling.te.com
www.tooling.te.com/europe
www.tooling.te.com/china

Standard and Customized Hand Tool Kits

Vehicle Specific Hand Tool Kit



Features

- Mobility
- Customization
- Cost Effectiveness
- OEM Personalisation

Application Examples

- Product Support
- Application Support
- Repair

This special tool kit solution is provided to repair wire harnesses in the car.

The kit contains complete tool sets and machine processed crimped wires for the following tasks:

- Wire cutting and stripping.
- Connecting a pre-manufactured replacement wire by means of a butt splice.
- Connection waterproofing with a professional heat gun and a large variety of shrink tubes.
- Terminal replacement with the help of a vast choice of appropriate extraction and insertion tools.
- Full repair documentation.

For more detailed information please refer to our website at

www.tooling.te.com

www.tooling.te.com/europe

www.tooling.te.com/china

Standard and Customized Hand Tool Kits

Universal Hand Tool Kit



Features

- Mobility
- Customization
- Cost Effectiveness
- OEM Personalisation

Application Examples

- Product Support
- Application Support
- Repair

This tool kit is suitable for wire harness repair in work shops.

The kit contains

- PRO-CRIMPER hand tools
- Insertion and extraction tools
- Terminals and seals

Any repair work on an electrical wire harness in a car can be done completely independent.

Using a proper extraction tool the damaged terminal will be released and removed from the connector housing and the wire will be cut off.

With a PRO-CRIMPER hand tool a new terminal can be crimped on the wire.

By means of a proper Insertion tool the repaired connection can be replaced in the box.

Standard and Customized Hand Tool Kits

MOST™ Repair Kits



Features

- Simple and inexpensive solution for repair work in the workshop.
- Crimp hand tool, cutting hand tool and spare cutting unit available as complete set.
- 1250 cutting cycles possible with one cutting unit.
- Spring mounted lever locates contact in proper position for crimping
- Concentric-4-indent crimp by synchronous travel of indenters.
- Optimal fibre to contact configuration due to a spring stopper available separately.
- Integrated, releasable ratchet mechanism to achieve a complete crimping cycle.
- Easy to use.
- Ergonomic design.
- All components of the sets are also available separately.

Compatible TE Connectivity Products

- Male connectors
PN 1355532
- Female connectors
PN 1355533
- Polymere Optical Fibre (POF) with 2.3 mm outer diameter according to TE Connectivity specification 108-18673

MOST is a trademark of SMSC Europe GmbH.

For more detailed information please refer to our website at
www.tooling.te.com
www.tooling.te.com/europe
www.tooling.te.com/china

Standard and Customized Hand Tool Kits

MOST™ Repair Kits

MOST™ Set

Basic Version PN 8-528030-2

consists of

- Crimping tool
PN 8-528030-0
- Cutting tool
PN 8-528030-1
- Additional cutting unit
PN 2-539783-7

MOST™ Set

with Accessories PN 8-528030-3

consists of

- Crimping tool
PN 8-528030-0
- Cutting tool
PN 8-528030-1
- Additional cutting unit
PN 2-539783-7
- Accessories

MOST™ Set

with Accessories PN 8-528030-3

consists of

- Crimping tool
PN 8-528030-0
- Cutting tool
PN 8-528030-1
- Additional cutting unit
PN 2-539783-7
- Accessories

These MOST™ kits are simple and inexpensive solutions for repair work in the workshop.

To meet your requirements we offer several different versions of MOST™ kits.

The repair kit in the basic version contains two dedicated tools and an additional cutting tool.

A second version contains some additional accessories, such as a spare cutting unit, 20 meters POF, 100 male and female contacts and 50 one position inline couplings.

Other accessories are available in different equipment versions.

We are ready to advise you in the selection of a suitable set for your special production needs.

MOST is a trademark of SMSC Europe GmbH.

For more detailed information please refer to our website at
www.tooling.te.com
www.tooling.te.com/europe
www.tooling.te.com/china

Standard and Customized Hand Tool Kits

Customized Insertion and Extraction Tools Kit



Features

- This tool kit is especially designed for an automotive manufacturer.
- The containing extraction tools are compatible with the vast majority of connectors used in the respective manufacturers wiring harnesses.
- The tool kit can be customized for further special requirements.
- These tools are used not only for TE Connectivity products but also those from other connector manufacturers.
- The customer can take advantage of the mobility of the kit, cost effectiveness and OEM* personalisation.

TE Connectivity provides customers with a complete turn key solution for their electrical connection requirements, not only the connector products themselves but also all the tooling and equipment necessary to apply and process those products.

A key criteria in quality wire processing is to extract a terminal from the connector housing after termination without damaging either the terminal or the housing. This is especially important for re-work and repair, both at the OEM and in the after-market.

TE Connectivity has a reputation for of designing efficient and quality extraction tools for our own terminal products and we have decided to put this know-how and expertise to use by offering our customers a complete extraction tool kit for a specific vehicle or vehicle platform.

Each kit contains extraction tools for all the terminals present in that vehicle – be it products from TE Connectivity or those of our competitors.

Extraction Tool Kit PN 4-1579010-0

Please contact your TE Connectivity representative to discuss your individual kit requirements.

* Original Equipment Manufacturer

Standard and Customized Hand Tool Kits

Customized Insertion and Extraction Tools Kit

The kit is specifically designed to requirements of our customers and several individual kits of different sizes may also be provided for the same vehicle for various levels of maintenance and repair.

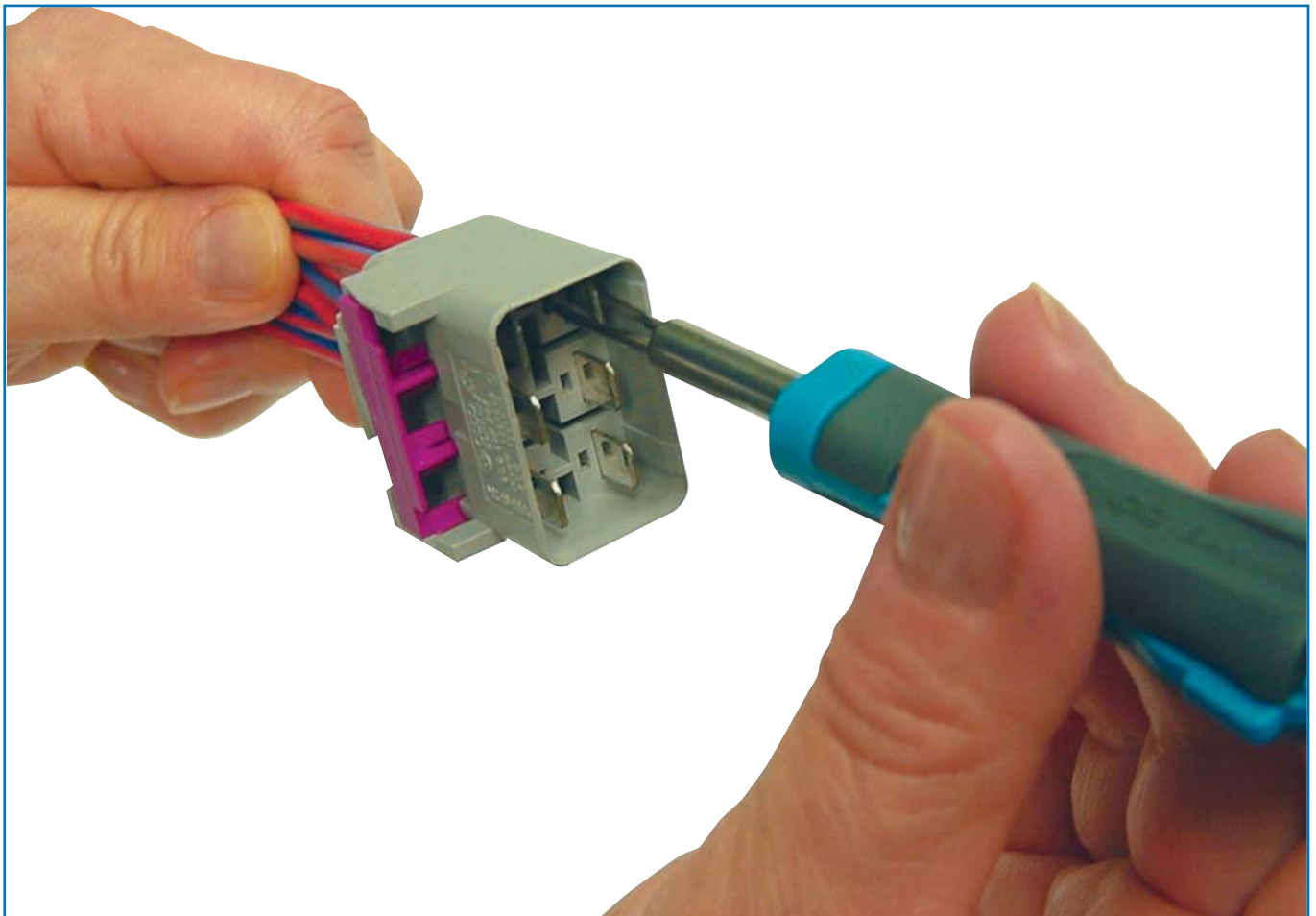
The extraction tools themselves are ergonomically designed with a comfortable plastic handle and the new design features a retractable protective cover that protects both the tool and the operator from inadvertent damage. They are

individually marked by clear white numbers on the handles for quick and easy identification against the instruction sheet and operator manual.

A fully illustrated booklet is included with the kit containing information on general contact extraction techniques and photos of all connectors compatible with the kit, tool to terminal or connector cross-reference information as well the particular way the relevant tool should be used with that connector.

The tool kit comes in a practical rugged plastic box with foam packing to prevent any damage during transport or utilisation.

Furthermore, your local TE Connectivity Field Service organization can also offer various advanced operator training courses on crimp technology also covering the use and availability of extraction tools.



Standard and Customized Hand Tool Kits

Customized Insertion and Extraction Tools Kit

Tool to Terminal Reference

| Tool Number | TE Connectivity Part Number | Terminal Type |
|-------------|-----------------------------|------------------|
| 1 | 0-0539960-1 | Receptacle / Tab |
| 2 | 1-1579007-6 | Receptacle / Tab |
| 3 | 4-1579008-5 | Receptacle / Tab |
| 4 | 4-1579008-2 | Receptacle |
| 5 | 2-1579007-0 | Receptacle |
| 6 | 4-1579008-6 | Receptacle |
| 7 | 4-1579008-3 | Receptacle |
| 8 | 3-1579007-1 | Receptacle |
| 9 | 4-1579008-7 | Receptacle |
| 10 | 4-1579008-8 | Receptacle |
| 11 | 2-1579007-9 | Receptacle |
| 12 | 4-1579008-9 | Receptacle / Tab |
| 13 | 5-1579008-0 | / |
| 14 | 1-1579008-2 | Receptacle |
| 15 | 1-1579008-8 | Tab |
| 16 | 4-1579008-4 | / |
| 17 | 2-1579008-2 | Receptacle |
| 18 | 3-1579008-0 | Receptacle |
| 19 | 2-1579008-7 | Receptacle |
| 20 | 2-1579008-9 | Receptacle |
| 21 | 2-1579008-1 | / |
| 22 | 2-1579008-8 | / |
| 23 | 2-1579008-3 | / |
| 24 | 2-1579008-4 | / |
| 25 | 1-1579007-0 | / |

For more detailed information please refer to our website at

www.tooling.te.com

www.tooling.te.com/europe

www.tooling.te.com/china

Application Tooling Contacts

Europe, Middle East, Africa and India

Austria

Phone: +43-1-90-560-0
gatd.at@te.com

Belarus - Russia - Ukraine

Phone: +7-910-452-3571
gatd.ru@te.com

Belgium - Netherlands - Luxemburg

Phone: +31-73-6246246
gatd.nl@te.com

Bulgaria - Hungary - Latvia Lithuania - Poland - Romania

Phone: +48-601-522-935
gatd.pl@te.com

Czech - Slovakia

Phone: +420-541-162-150
gatd.cz@te.com

Denmark - Norway - Sweden

Phone: +46-8-507-250-00
gatd.se@te.com

Egypt - Ireland - United Kingdom

Phone: +44-1237-42-8657
gatd.gb@te.com

Finland - Estonia

Phone +358-9-5123-4224
gatd.se@te.com

France - Morocco - Tunisia

Phone: +33-1-34-20-87-70
gatd.fr@te.com

Germany - Slovenia - Turkey

Phone: +49-6251-133-1376
gatd.de@te.com

India - Middle East

Phone: +91-990-240-0577
gatd.in@te.com

Italy - Greece

Phone: +39-011-401-2272
gatd.it@te.com

Switzerland

Phone: +41-71-447-02-84
gatd.ch@te.com

Spain - Portugal

Phone: +34-93-291-03-96
gatd.sp@te.com

Product Information Center France

Phone: +33-134208943
Fax: +33-134208623
pic.france@te.com

Product Information Center Germany

Phone: +49-6251-133-1999
Fax: +49-6251-133-1998
germany-pic@te.com

Product Information Center Netherlands

Phone: +31-736246999
Fax: +31-736246931
picbenelux@te.com

Product Information Center Poland

Phone: +48-224576704
Fax: +48-224576720
jmatasz@te.com

Product Information Center Spain

Phone: +34-932910330
Fax: +34-932017879
pic.spain@te.com

Americas

USA - Harrisburg, PA Tooling Sales

Phone: +1-888-777-5917
Phone: +1-717-810-2080
toolingsales@te.com

Technical Assistance

Phone: +1-800-722-1111
Phone: +1-717-986-3434

Canada

Rick Grawehr
Phone: +1-908-612-6499
richard.grawehr@te.com

Brazil

Mauricio Oliveira
Phone: +55-11-2103-6062
maolivei@te.com

Mexico - Mexico City

Tooling Assistance Center
Phone: +1-717-986-3434

Asia / Pacific

China

Shanghai

Phone +86-21-24071588
Fax +86-21-24071599

Beijing

Phone +86-10-65693488
Fax +86-10-65693208

Shenzhen

Phone +86-755-25154700
Fax +86-755-25980416

Wuhan

Phone +86-27-85778391
Fax +86-27-85778390

Changchun

Phone +86-431-88964709
Fax +86-431-88961143

Taipei

Phone +886-2-87682788
Fax +886-2-87681866

Hongkong

Phone +852-27351628
Fax +852-27350243

Others

Australia

Phone +61-2-95542612
Fax +61-2-9554-3859

Japan

Phone +81-44-900-5027
Fax +81-44-900-5037

Korea

Phone +82-2-3415-4636
Fax +82-2-3486-6873

Malaysia

Phone +60-3-7906-7688
Fax +60-3-7805-3066

Singapore

Phone +65-64164567
Fax +65-6482-1012

Thailand

Phone +66-2-834-6271
Fax +66-2-955-0515

Vietnam

Phone +84 8 38238417
Fax +84 8 38238533

PRO-CRIMPER SOLARLOK, TE Connectivity and TE Connectivity (logo) are trademarks.

MOST is a trademark of SMSC Europe GmbH.

Other logos, product and Company names mentioned herein may be trademarks of their respective owners.

While TE Connectivity and its affiliates referenced herein have made every reasonable effort to ensure the accuracy of the information contained in this catalog, TE cannot assure that this information is error free. For this reason, TE does not make any representation or offer any guarantee that such information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information at any time. TE expressly disclaims any implied warranty regarding the information contained herein, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. TE's only obligations are those stated in TE's Standard Terms and Conditions of Sale. TE will in no case be liable for any incidental, indirect or consequential damages arising from or in connection with, including, but not limited to, the sale, resale, use or misuse of its products. Users should rely on their own judgment to evaluate the suitability of a product for a certain purpose and test each product for its intended application.

For more detailed information please refer to our website at

www.tooling.te.com

www.tooling.te.com/europe

www.tooling.te.com/china

TE Connectivity

Tyco Electronics AMP GmbH
Ampèrestr. 12-14
64625 Bensheim / Germany
Phone +49-6251-133-0
Fax +49-6251-133-1600

www.te.com

Tyco Electronics AMP GmbH certified
acc. ISO 14001 and ISO/TS 16949:2002

© 2011 Tyco Electronics AMP GmbH,
a TE Connectivity Ltd. Company. All rights reserved.

1-1773452-3 issued 4-2011 in Germany

