



Connector Repair Guide

Using the
SeedSense Repair kit (725854)

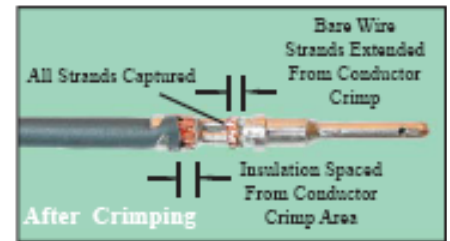
General Features of a Quality Crimp



Seal loaded on stripped wire
(wire stripped 5.0mm or 3/16")



Terminal, seal and wire
(positioned to be crimped)



Weather Pack Pin Replacement

- Extract pin using Pin Extractor
- Crimp Instructions – Blue crimp tool
 - Wire Crimp – Position 3
 - Seal Crimp – Position 5



Weather Pack
Pin 12089040



Weather Pack
Socket 12089188



Weather Pack
Seal 12015323



Weather Pack Pin Extractor
12014012



Weather Pack
Connector

Tyco-Amp, Series 1

- Extract terminal with Pin Extractor
- Crimp Instructions
 - Terminal size 20-24 (yellow) – Red crimp tool
 - Wire Crimp – Position D
 - Insulation Crimp – Position B
 - Terminal size 18-14 (blue) – Red crimp tool
 - Wire Crimp – Position C
 - Insulation Crimp – Position A



Tyco-Amp Series 1
Plug



Tyco-Amp Series 1
Receptacle



Tyco-Amp Series 1
Pin Extractor



Tyco-Amp Series 1
Socket
20-24AWG (Yellow)
18-14AWG(Blue)



Tyco-Amp Series 1
Pin
20-24AWG (Yellow)
18-14AWG(Blue)

Tyco-Amp, Series 3

- Extraction tool not included
- Crimp Instructions
 - Wire Crimp – Use needle nose pliers
 - Insulation Crimp – Blue crimp tool –Position 1



Tyco-Amp Series 3
Pin 66261-5



Tyco-Amp Series 3
Socket 2-66740-1



Tyco-Amp Series 3
Terminal Extractor
91019-3 (Not Included)



Tyco-Amp Series 3
Plug 206037-2

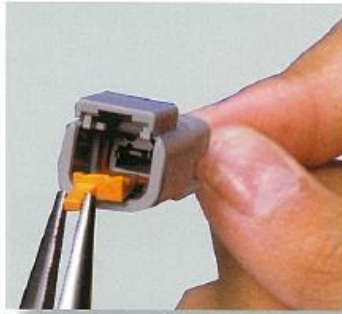


Tyco-Amp Series 3
Plug 206207-1

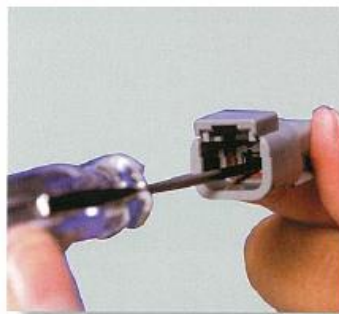
Deutsch

- DT and DTM Series Contact Removal

Contact Removal



1. Remove orange wedge using needlenose pliers to pull wedge straight out.



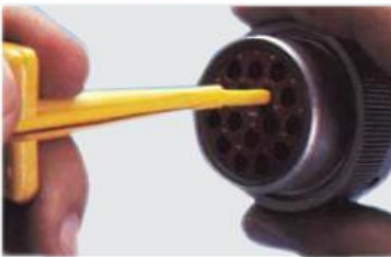
2. To remove the contacts, gently pull wire backwards, while at the same time releasing the locking finger by moving it away from the contact with a screwdriver.



3. Hold the rear seal in place, as removing the contact will displace the seal.

- HDP Series Contact Removal

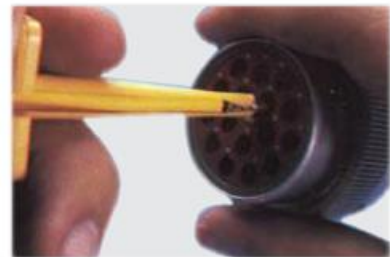
Contact Removal



1 With rear insert toward you, snap appropriate size extractor tool over the wire of contact to be removed.



2 Slide tool along into the insert cavity until it engages contact and resistance is felt.



3 Pull contact-wire assembly out of connector.

NOTE: Do not twist or insert tool at an angle.

- Crimp Instructions

- Terminal Size 20 – Red crimp tool
 - Wire Crimp – Position E
 - Insulation Crimp – Position B
- Terminal Size 16 – Red crimp tool
 - Wire Crimp – Position C
 - Insulation Crimp – Position A
- Terminal Size 4 – Light blue Channellock crimp pliers
 - Non-Insulated V-Crimp



Deutsch DTM Plug
4 Pin DTM06-4S



Deutsch DT Plug
4 Pin DT06-4S



Deutsch HDP Plug
6 Pin HDP26-18-6SN

Jiffy Splices with Deutsch, Size 16

- Uses Deutsch 16 Series pins 20-16 AWG
- Crimp Instructions – Red crimp tool
 - Wire Crimp – Position C
 - Insulation Crimp – Position A
- Splice Instructions



Deutsch Jiffy Splice
JS16-00

Contact Insertion (After Crimping)



1. Grasp contact approximately one inch behind the contact crimp barrel.



2. Hold Jiffy Splice between thumb and forefinger approximately one half inch behind cavity.

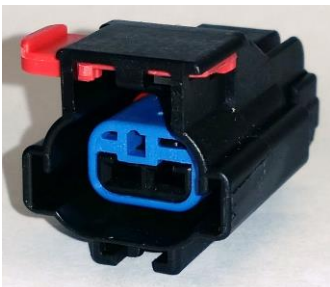


3. Push contact straight into Jiffy Splice until a positive stop is felt. An audible "snap" will occur when correctly mated. A light tug will confirm it is properly seated.

Note: Jiffy Splice accepts one pin and one socket.

Apex

- Removal Instructions – First remove red or blue insert. Insert small flathead screwdriver above pin/socket and pry upwards to release pin
- Crimp Instructions
 - Wire Crimp – Needle nose pliers
 - Insulation Crimp – Red crimp tool, Position A
- Note the red or blue insert must be removed from the connector before pins can be installed



Apex 2 Receptacle
54200206



Apex 2 Plug
54200210

50 Amp Power Connector

- Use small flat blade screwdriver to extract connector
- Crimp Instructions – Use Channellock crimp pliers, non-insulated V crimp.



Anderson Contact
6 AWG 5900



Anderson 2 Position
50A Housing 992

Sealed Crimp Butt Splice

- Filled with heat-stabilized grease for a moisture resistant connection
- Splice Identification
 - Red 22-18 AWG
 - Blue 16-14 AWG
- Crimp Instructions - Use light blue handled (Channellock) crimp pliers



Sealed Crimp Butt
Splice