
SOCKET CONNECTOR 8 POS. KIT FOR MICRO QUADLOK SYSTEM CONTACTS

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1 GENERAL

1.1 PURPOSE

SCOPE OF THIS DOCUMENT IS TO PROVIDE USERS WITH THE INSTRUCTIONS FOR A CORRECT HANDLING OF 8 POS. MQS SOCKET CONNECTOR KIT P/N 1745000-X.

1.2 CUSTOMER DRAWINGS

THIS APPLICATION SPECIFICATION IS BASED ON THE LATEST VALID CUSTOMER DRAWINGS.

1.3 DELIVERY CONDITION

1.3.1 CONNECTORS

DETAILS FOR CODINGS, MATERIAL AND COLOURS CAN BE FOUND ON THE RELEVANT CUSTOMER DRAWINGS

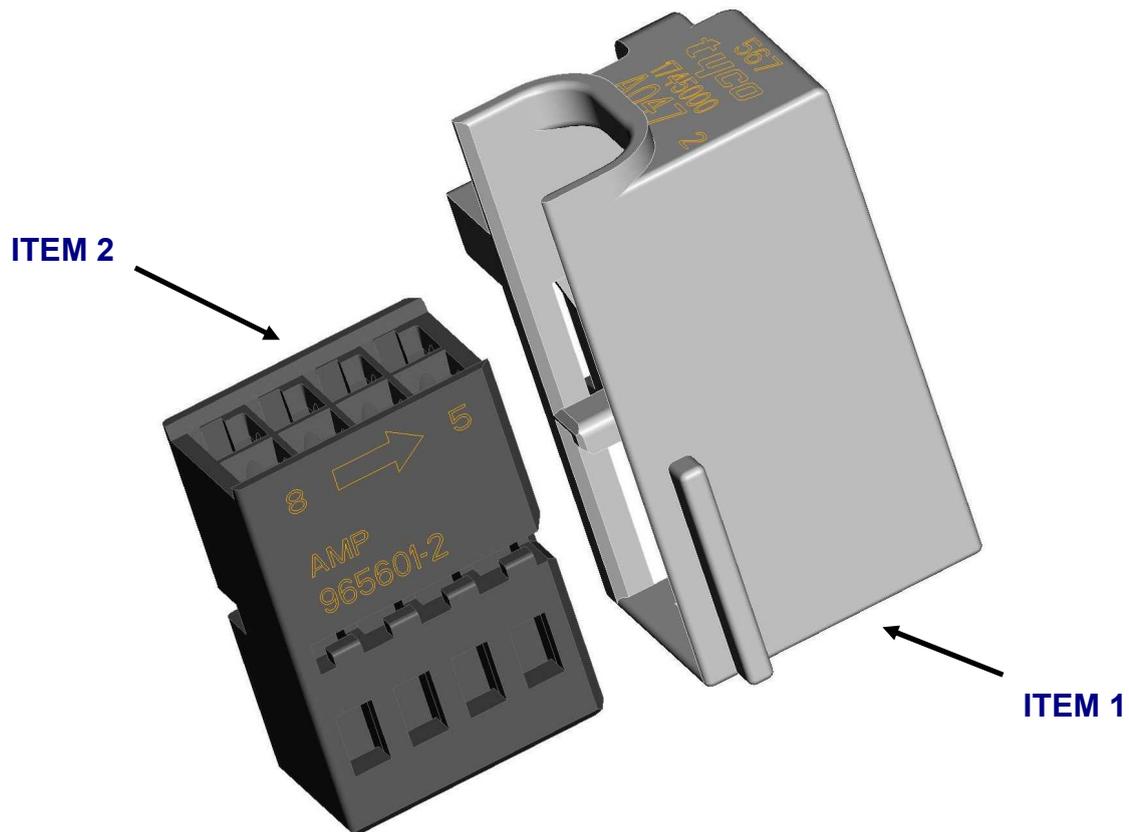
NAME	DRAWING NUMBER	
8 POS. CONNECTOR KIT	1745000	

1.3.2 TERMINALS

MQS TERMINAL	SEE CUSTOMER DRAWING 929454 APPLICATION SPEC. 114-18021	
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2. 8 POSITIONS, MQS CONNECTOR KIT

2.1. NAMING OF THE PARTS (FOR REFERENCE ONLY)



EXPLODED VIEW

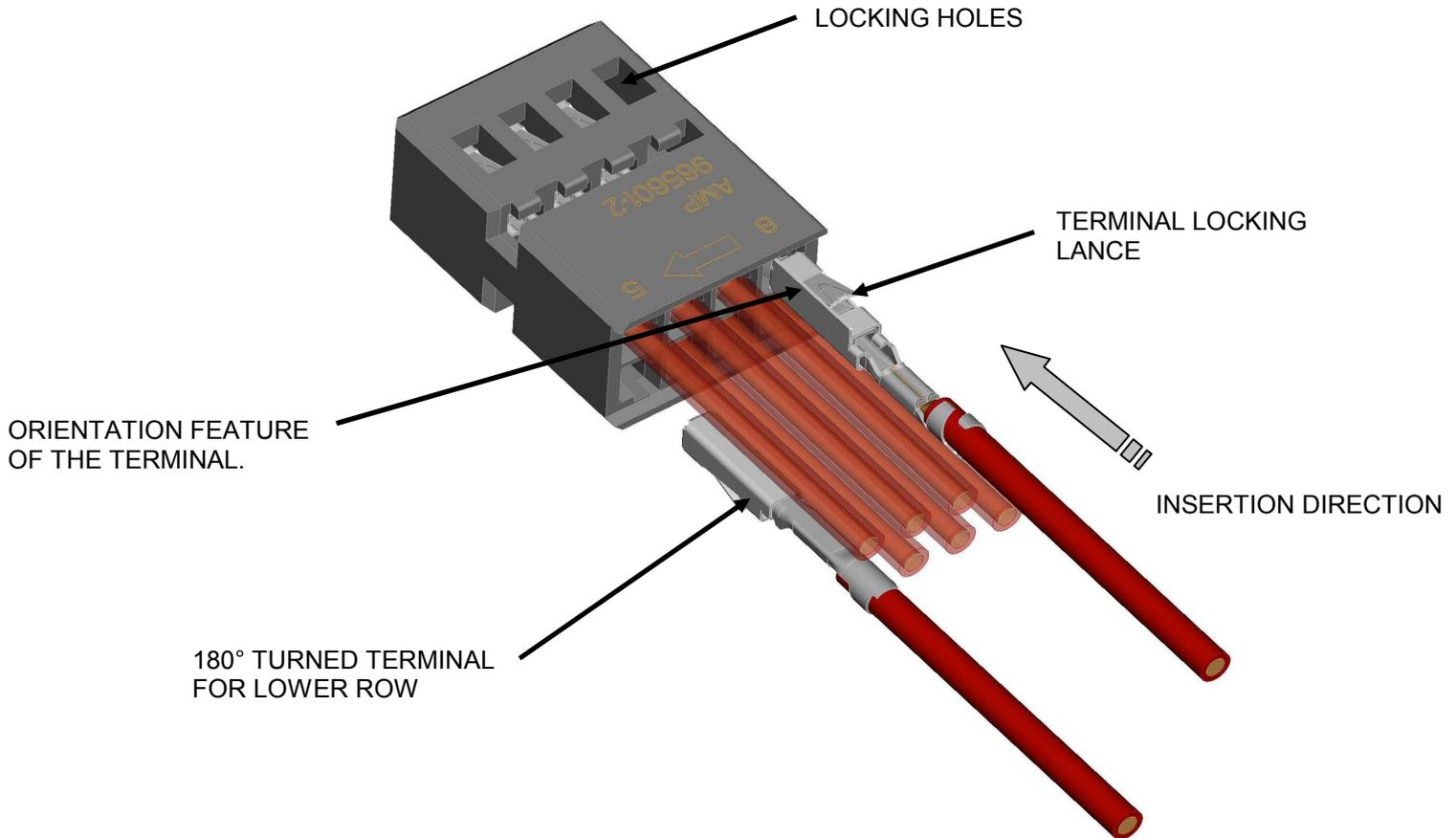
ITEM 1: COVER

ITEM 2: CARRIER HOUSING

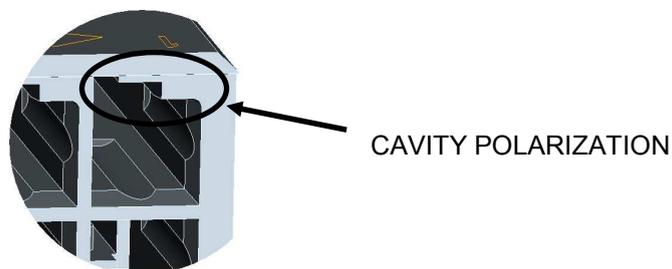
2.2. CRIMPING THE MQS CONTACTS

SEE TYCO ELECTRONICS SPECIFICATION 114-18021

2.3. TERMINAL INSERTION INSTRUCTIONS



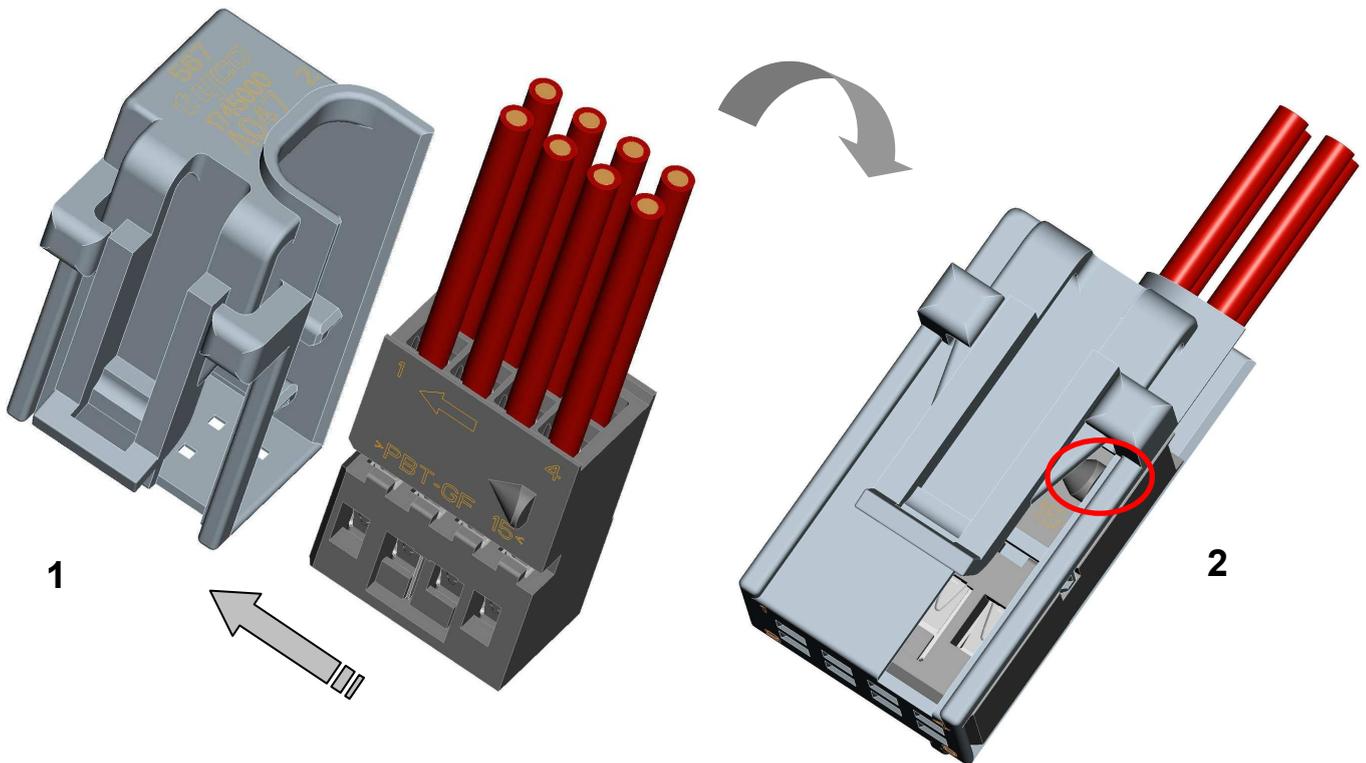
THE CARRIER HOUSING HAS TWO ROWS TURNED 180° ONE EACH OTHER. THE CONNECTOR CAVITIES ARE POLARIZED ACCORDING TO THE ORIENTATION FEATURE OF THE TERMINALS IN ORDER TO PREVENT WRONG INSERTIONS IN CASE OF TURNED TERMINAL:



- INSERT THE TERMINAL UNTIL AN AUDIBLE “**CLICK**” IS HEARD OR THE LOCK IS FELT WHEN THE TERMINAL LANCE HAS ENGAGED INTO RELEVANT CARRIER HOUSING LOCKING HOLE.

2.4. CARRIER HOUSING ENGAGE INTO COVER

1) INSERT THE CARRIER HOUSING INTO THE LOCKING COVER UNTIL 2) THE LOCKING TOOTH OF THE HOUSING LOCKS INTO THE RELEVANT WINDOW OF THE COVER:



NOTE:

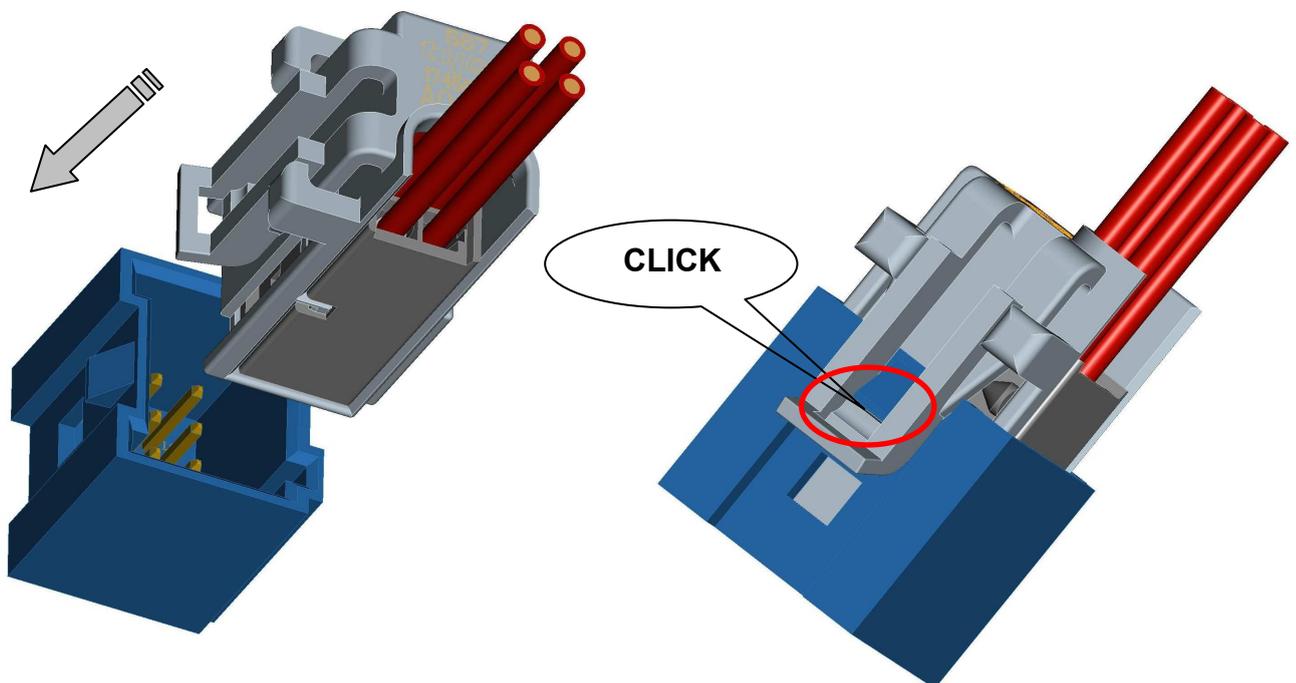
IN CASE THE INSERTION OPERATION SEEMS DIFFICULT TO CARRY ON, DO NOT FORCE IN ORDER TO COMPLETE IT BUT REMOVE THE CARRIER HOUSING AND CHECK THE CORRECT LOCKING OF CONTACTS IN CAVITY.

IF A NOT ENGAGED CONTACT IS DETECTED, COMPLETE ITS INSERTION AND REPEAT THE OPERATION OF ASSEMBLY THE CARRIER HOUSING INTO ITS COVER.

2.5. CONNECTOR MATING / UNMATING WITH COUNTERPART

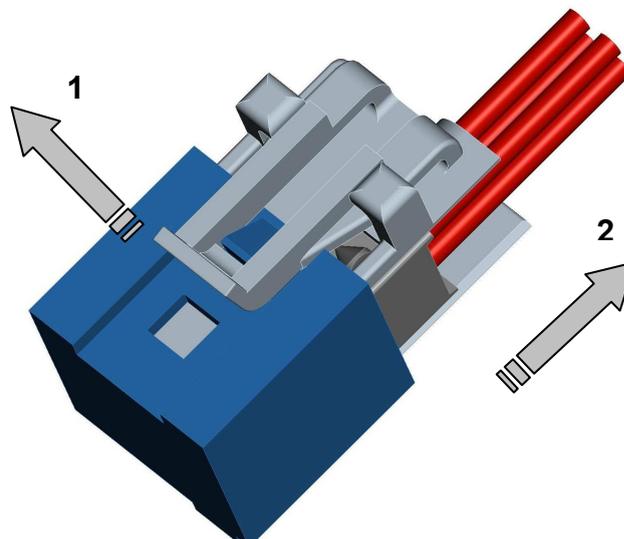
2.5.1. CONNECTOR MATING:

PLACE THE CONNECTOR ASS'Y ALIGNED WITH ITS RELEVANT COUNTERPART AND PUSH IT DOWN UNTIL THE LOCKING LANCE ENGAGES WITH THE COUNTERPART LOCKING TOOTH (PAYING ATTENTION THE LANCE DOESN'T REMAIN LIFTED UP DUE TO A NOT COMPLETE INSERTION).



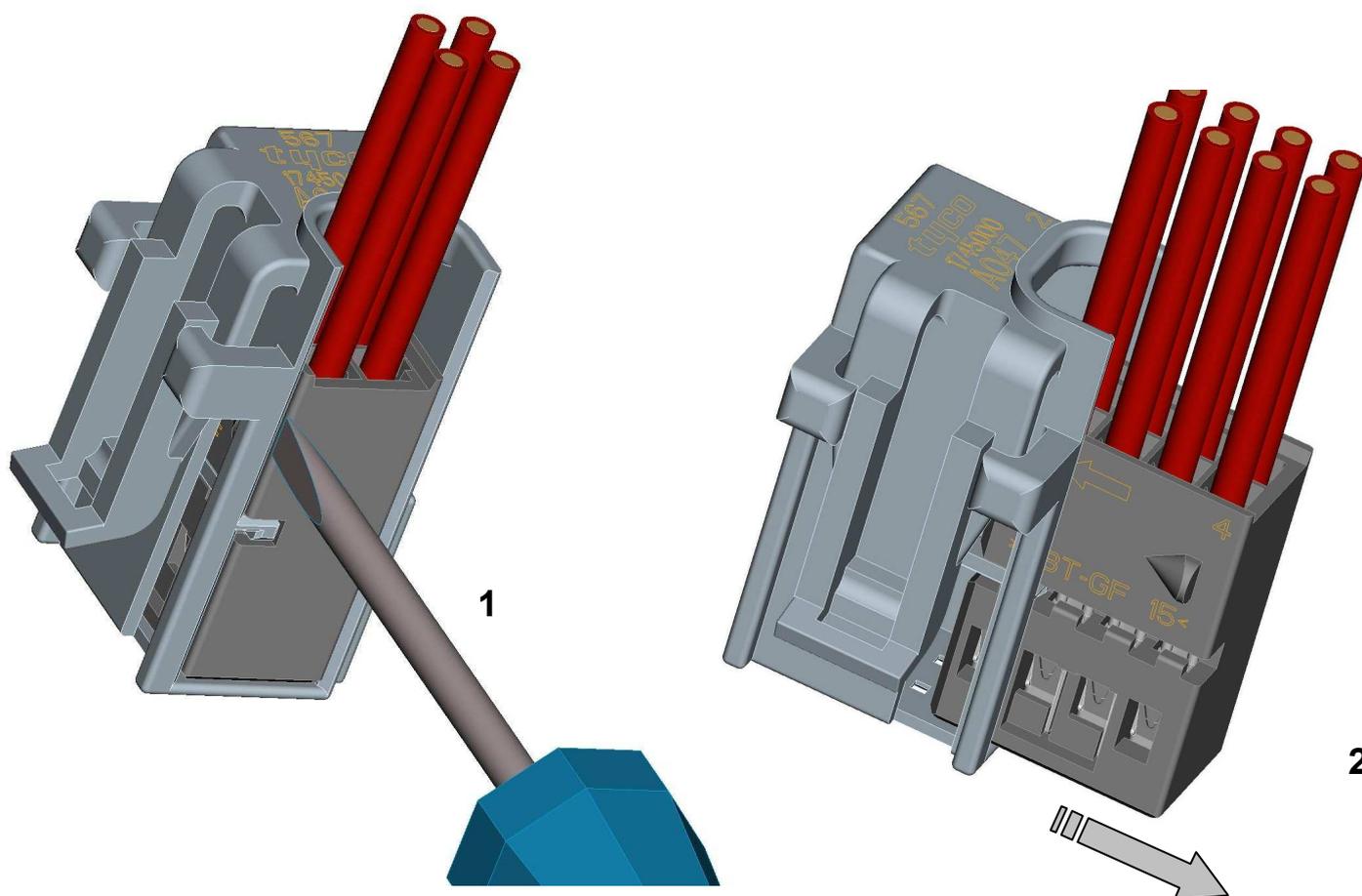
2.5.2. CONNECTOR UNMATING:

1) SLIGHTLY LIFT UP THE LOCKING LANCE UNTIL THE COUNTERPART LOCKING TOOTH IS OVERCOME, THEN 2) PULL THE CONNECTOR UPWARDS UNTIL COMPLETE DISENGAGE FROM COUNTERPART



2.6. CARRIER HOUSING DISENGAGE FROM COVER

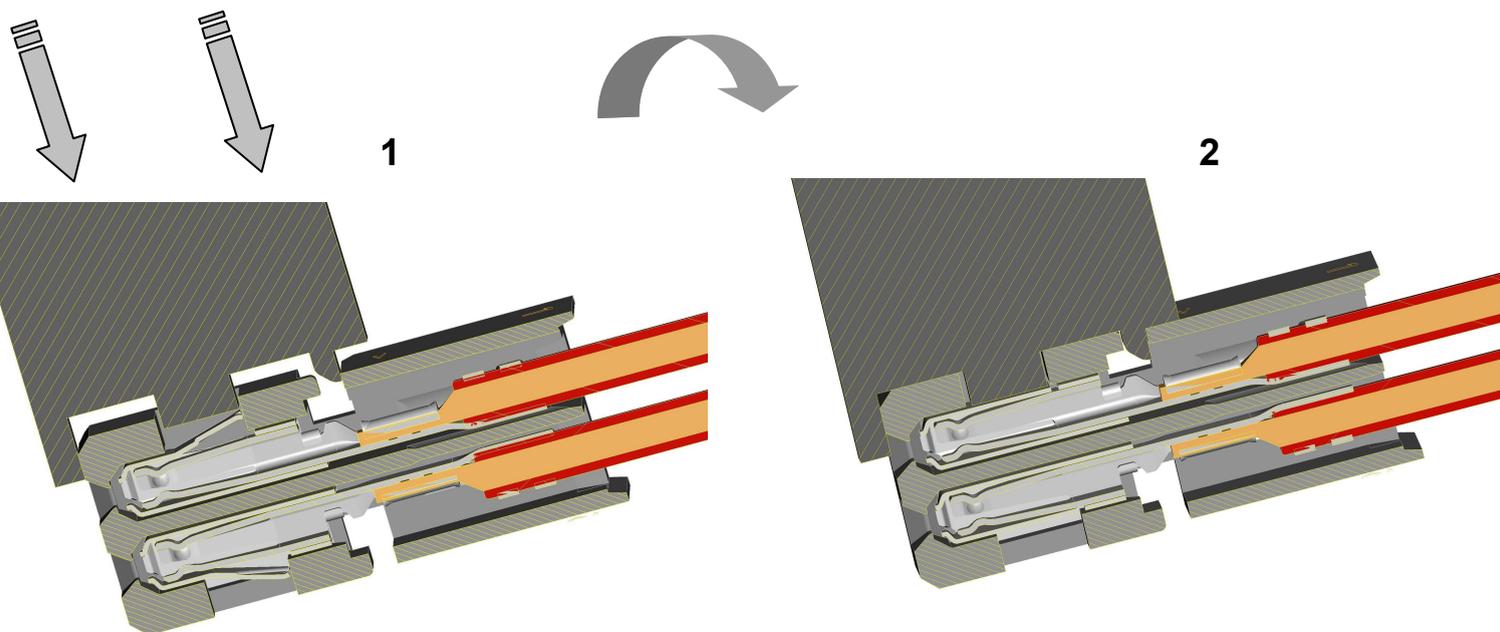
USE A THIN TIP TOOL (I.E. A SMALL SCREWDRIVER), **1)** EXERT A SLIGHT PRESSURE TOWARDS THE OUTER SIDE IN ORDER TO RELEASE THE CONNECTOR LOCKING TOOTH FROM ITS SEAT ON THE LOCKING COVER. THEN **2)** EXTRACT THE CONNECTOR AS SHOWN IN THE PICTURES BELOW:



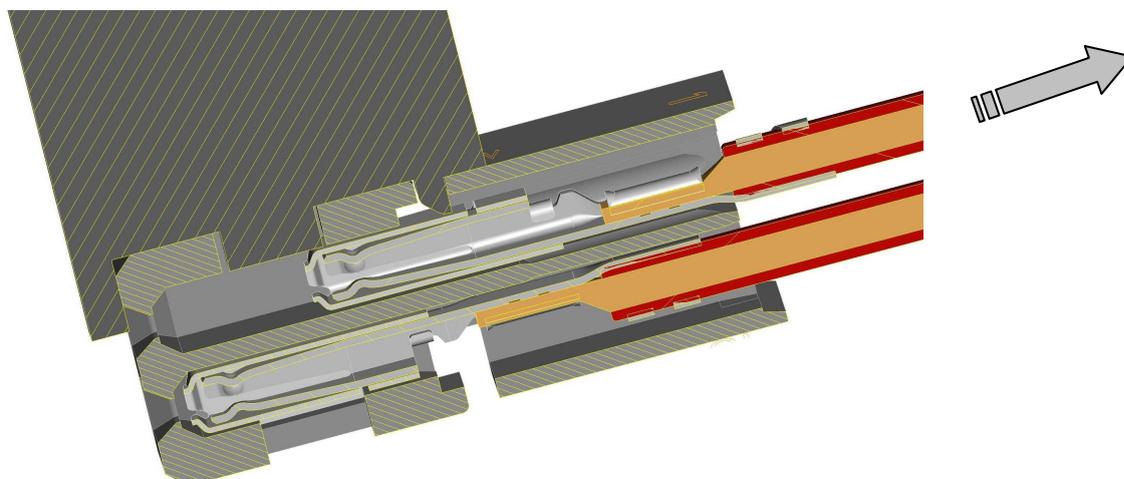
2.7. TERMINAL REWORK INSTRUCTIONS

IN CASE A REWORK OPERATION IS NECESSARY,

- 1) POSITION THE EXTRACTION TOOL P/N 4-1579008-2 OVER THE CONNECTOR UNTIL 2) REACHING A COMPLETE CONTACT WITH IT:



- SOON AFTER PULL *SLIGHTLY* THE WIRE TO REMOVE THE TERMINAL FROM THE CARRIER HOUSING:



THE CAVITY IS NOW READY TO ACCEPT ANOTHER TERMINAL INSERTION.