

DELPHI

ASSEMBLY MANUALS

PRE - ASSEMBLY

HARNESS ASSEMBLY

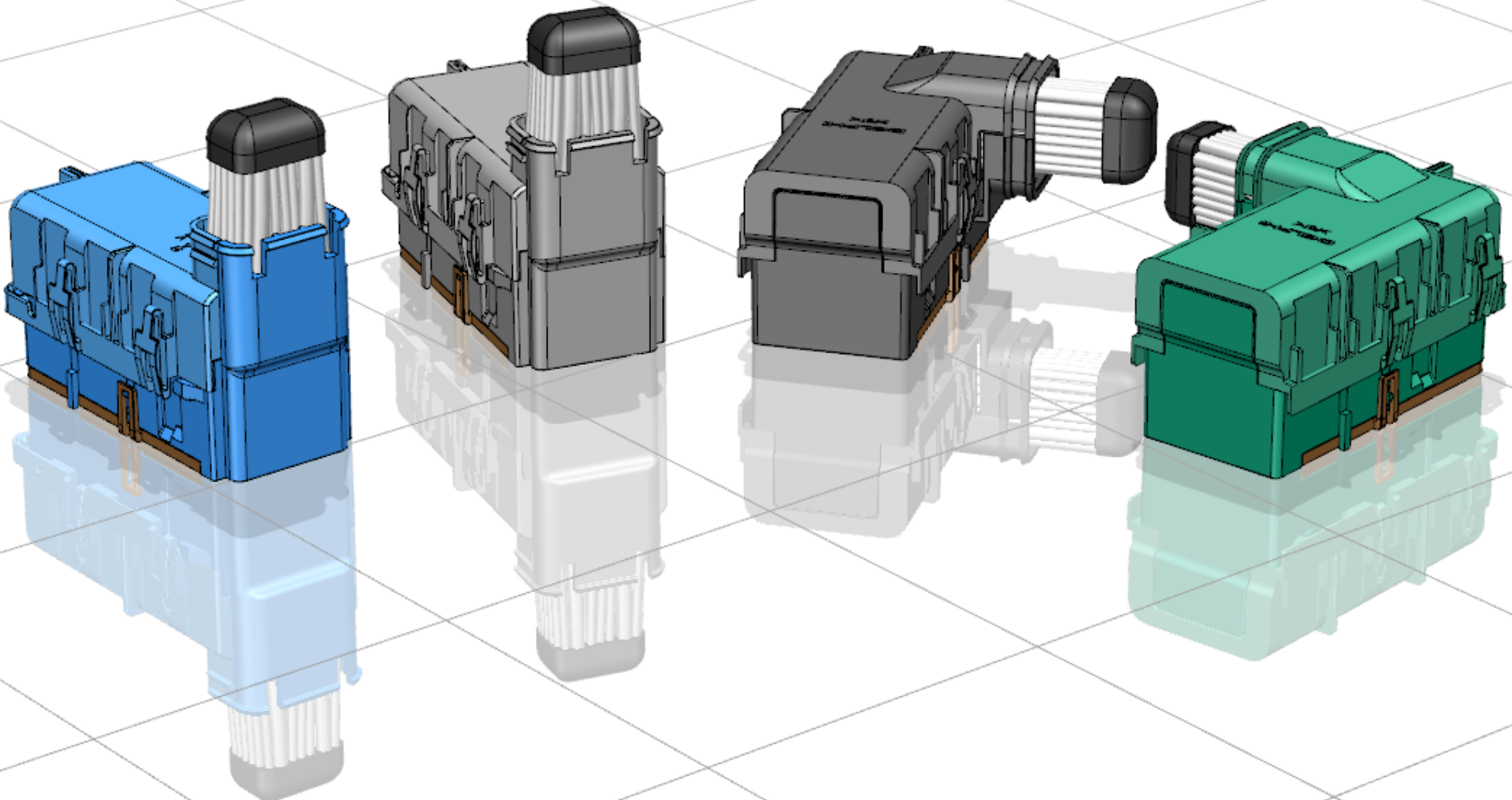
CAR ASSEMBLY

ASSEMBLY MANUAL - 33151092

64 Way Connection System

9.5 & 6.3 Yesc, 1.5 & 2.8 OCS Female Terminal System (Unsealed)

July 2014

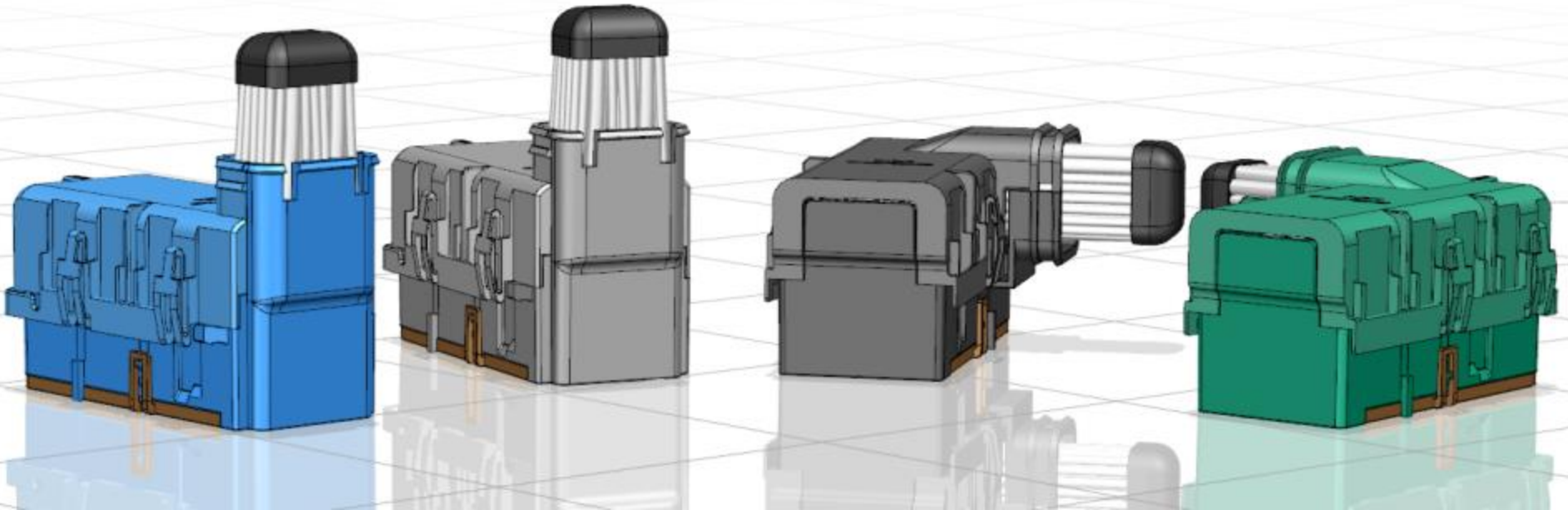


Issued by
CTC Warren, Ohio
STC Saltillo, Mex.



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TABLE OF CONTENTS



PRE-ASSEMBLY SECTION

ASSEMBLY OF THE FEMALE CONNECTOR	6
List of Components	7
Exploded View	7
View of Versions	8
ASSEMBLY SEQUENCE:	
Step 1: Insert PLR in Pre-Stage Position	9
Female Connector – Completed Assembly	10

HARNESS ASSEMBLY SECTION

ASSEMBLY OF THE FEMALE HARNESS ASSEMBLY	11
List of Components	12
Exploded View	12

NOTE: GROMMETS USED ON THESE CONNECTION SYSTEMS	13
--	----

ASSEMBLY SEQUENCE:	
Step 1: Identify Cavities for Terminal Female OCS 1.5	14
Step 2: Align Terminals Female OCS 1.5 and Female Assembly	14
Step 3: Insert Terminals Female OCS 1.5	15
Step 4: Identify Cavities for Terminals Female OCS 2.8	16

TABLE OF CONTENTS

Step 5: Align Terminals Female OCS 2.8 and Female Assembly	16
Step 6: Insert Terminals Female OCS 2.8	17
Step 7: Identify Cavities for Terminals Female YESC 6.3	18
Step 8: Align Terminals Female YESC 6.3 and Female Assembly	18
Step 9: Insert Terminals Female YESC 6.3	19
Step 10: Identify Cavities for Terminals Female YESC 9.5	20
Step 11: Align Terminals Female YESC 9.5 and Female Assembly	20
Step 12: Insert Terminals Female YESC 9.5	21
Step 13: Close PLR to Full-Stage Position	22
Step 14: Bend the Cables	23
Step 15: Strap Cables Using Wire Tie (OPTIONAL COMPONENT)	23

64 WAY CONNECTION SYSTEM. FEMALE RIGHT ANGLE & LEFT ANGLE ASSEMBLIES

STEP 15: Strap Cables Using Wire Tie (OPTIONAL COMPONENT)	24
---	----

Step 16: Identify the Wire Dress Cover for the Assembly	26
Step 17: Insert Wire Dress Cover	27

64 WAY CONNECTION SYSTEM. FEMALE RIGHT ANGLE & LEFT ANGLE ASSEMBLIES

Step 17: Insert Wire Dress Cover	30
----------------------------------	----

Female Assembly – Completed Harness Assembly	32
--	----

CAR ASSEMBLY SECTION

ASSEMBLY OF THE CONNECTION SYSTEM 33

List of Components	34
Exploded View	34
3D Model View	35

ASSEMBLY SEQUENCE:

Step 1: Identify Index Features	36
Step 2: Mate Female Assembly and Mating Header Together Axially	36
Connection System – Completed Assembly	37

TABLE OF CONTENTS

DISASSEMBLY SECTION

DISASSEMBLY OF THE CONNECTION SYSTEM	38
Step 1: Disconnect	39
Connection System – Completed Disassembly	40

REPAIR / REPLACEMENT SECTION

FEMALE CONNECTOR SUB COMPONENTS:	41
---	----

WIRE DRESS COVER Replacement – Step 1 (Remove)	42
Step 2 (Install)	44

64 WAY CONNECTION SYSTEM. FEMALE RIGHT ANGLE & LEFT ANGLE ASSEMBLIES

WIRE DRESS COVER Replacement – Step 1 (Remove)	45
Step 2 (Install)	47

WIRE TIE (OPTIONAL COMPONENT) Replacement – Step 1 (Remove)	48
Step 2 (Install)	48

PLR Replacement – Step 1 (Release)	49
Step 2 (Install)	51

TERMINAL F OCS 1.5, 2.8 & YESC 6.3 Replacement – Step 1 (Remove)	52
Step 2 (Insert)	53

TERMINAL F YESC 9.5 Replacement – Step 1 (Remove)	54
Step 2 (Insert)	55

RECOMMENDED REPAIR TOOLS	56
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REVISIONS	57
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ASSEMBLY

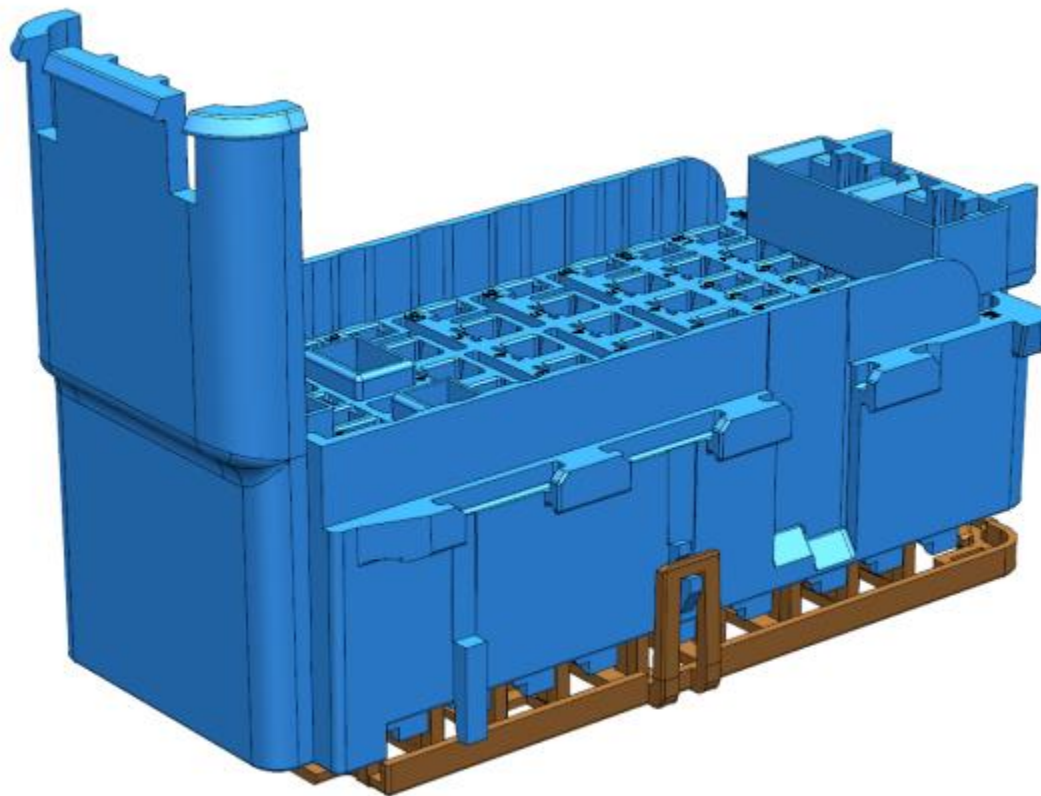
ASSEMBLY OF THE FEMALE CONNECTOR

PRE - ASSEMBLY

HARNESS ASSEMBLY

CAR ASSEMBLY

64 Way Connection System

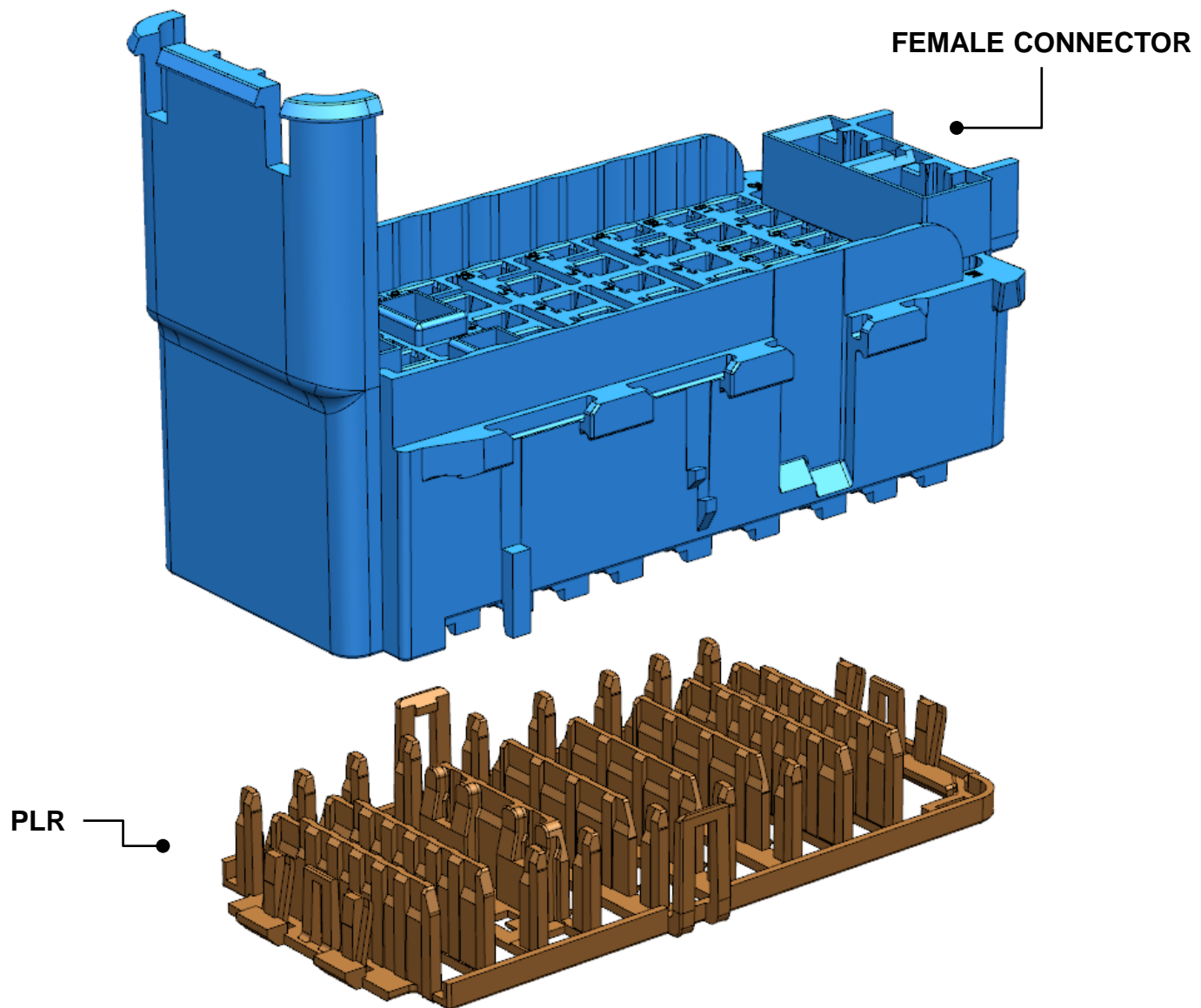


ASSEMBLY

LIST OF COMPONENTS

QUANTITY	COMPONENTS OF 64 WAY FEMALE ASSEMBLY
1	FEMALE CONNECTOR
1	PLR

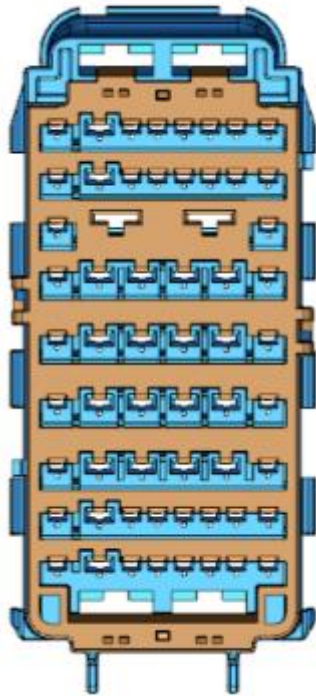
EXPLODED COMPONENTS



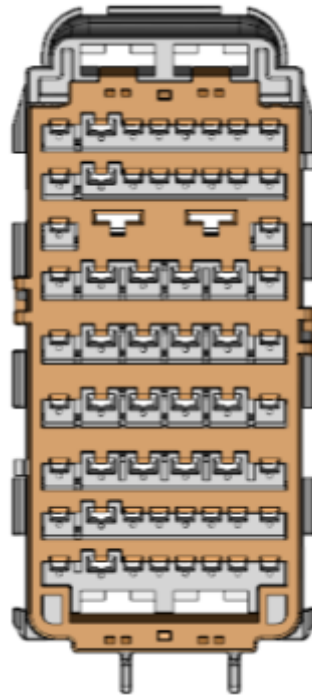
Pictures used in this Assembly Manual and original parts may differ in some details. These differences have no influence on the assembly process.

ASSEMBLY

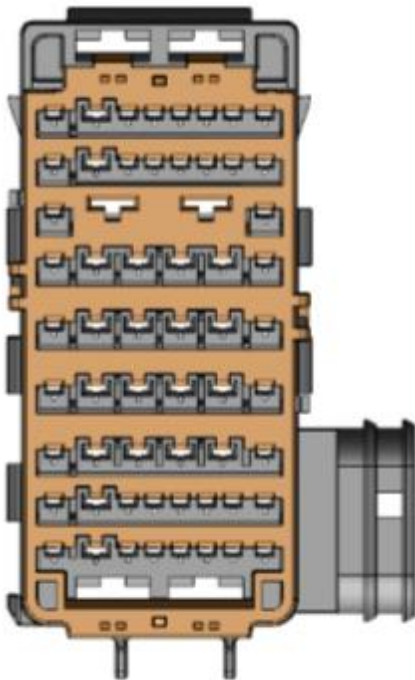
VIEW OF VERSIONS



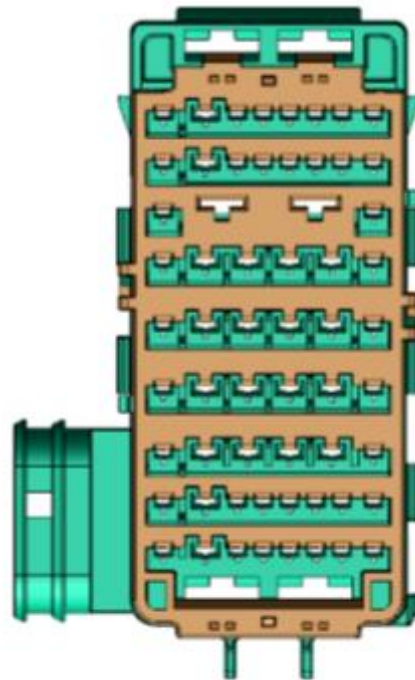
TYPE 101



TYPE 102

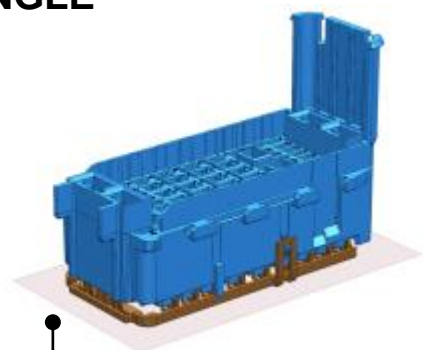


TYPE RIGHT ANGLE



TYPE LEFT ANGLE

THESE CONNECTION SYSTEMS HAVE 4 DIFFERENT TYPES, WHICH DIFFER IN THE INDEXING, COLOR AND DIRECTION OF THE CABLES

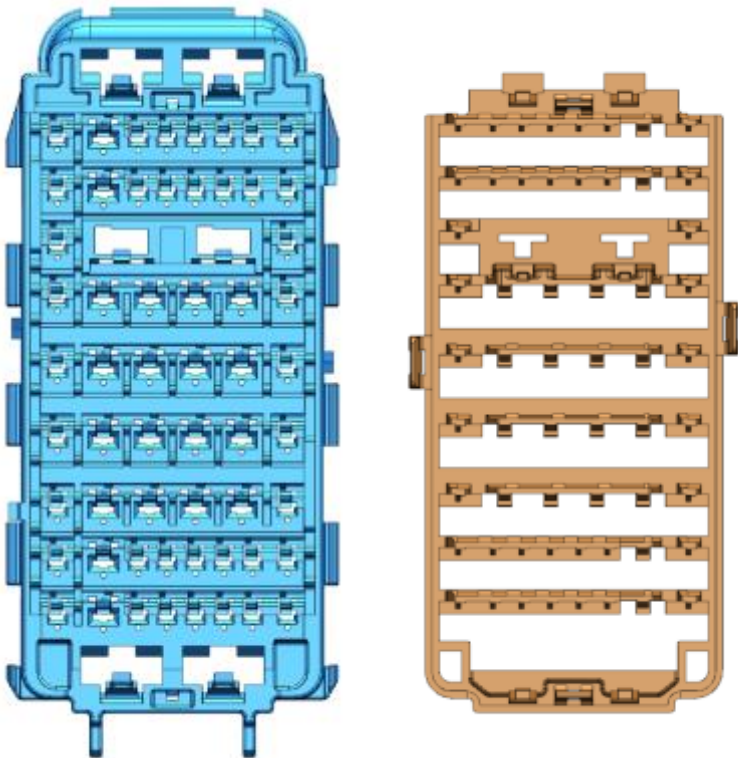


THIS IS THE VIEW SHOWN IN THE TYPES

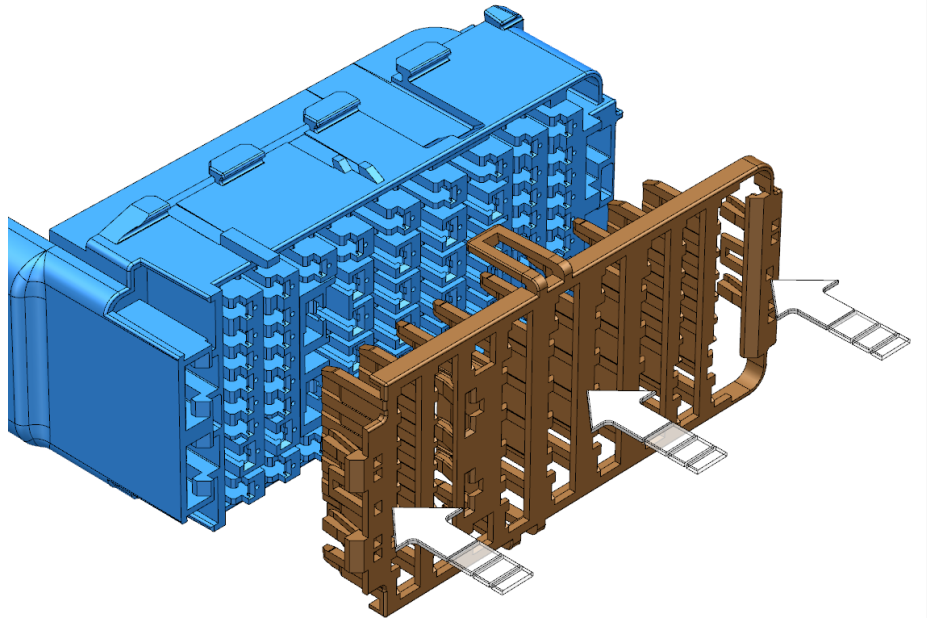
ASSEMBLY

STEP 1a – Insert PLR to Pre-Stage Position

IDENTIFY THE CORRECT ORIENTATION OF THE PLR



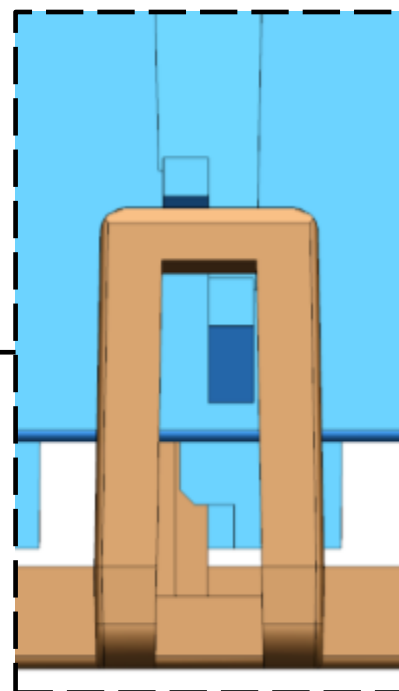
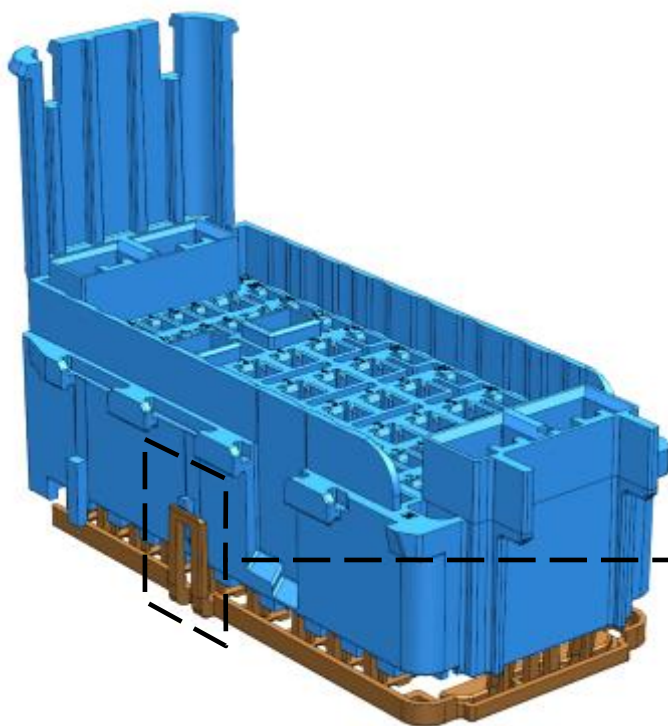
INSERT PLR ONTO THE CONNECTOR. ALL THE FRONT FACE OF THE PLR MUST BE PRESSED AT THE SAME TIME FOR CORRECT INSTALLATION



INSERTION MUST BE DONE WITH A PROPER FIXTURE

STEP 1b – Insert PLR to Pre-Stage Position

VERIFY AUDIBLE CLICK ON BOTH LOCKS

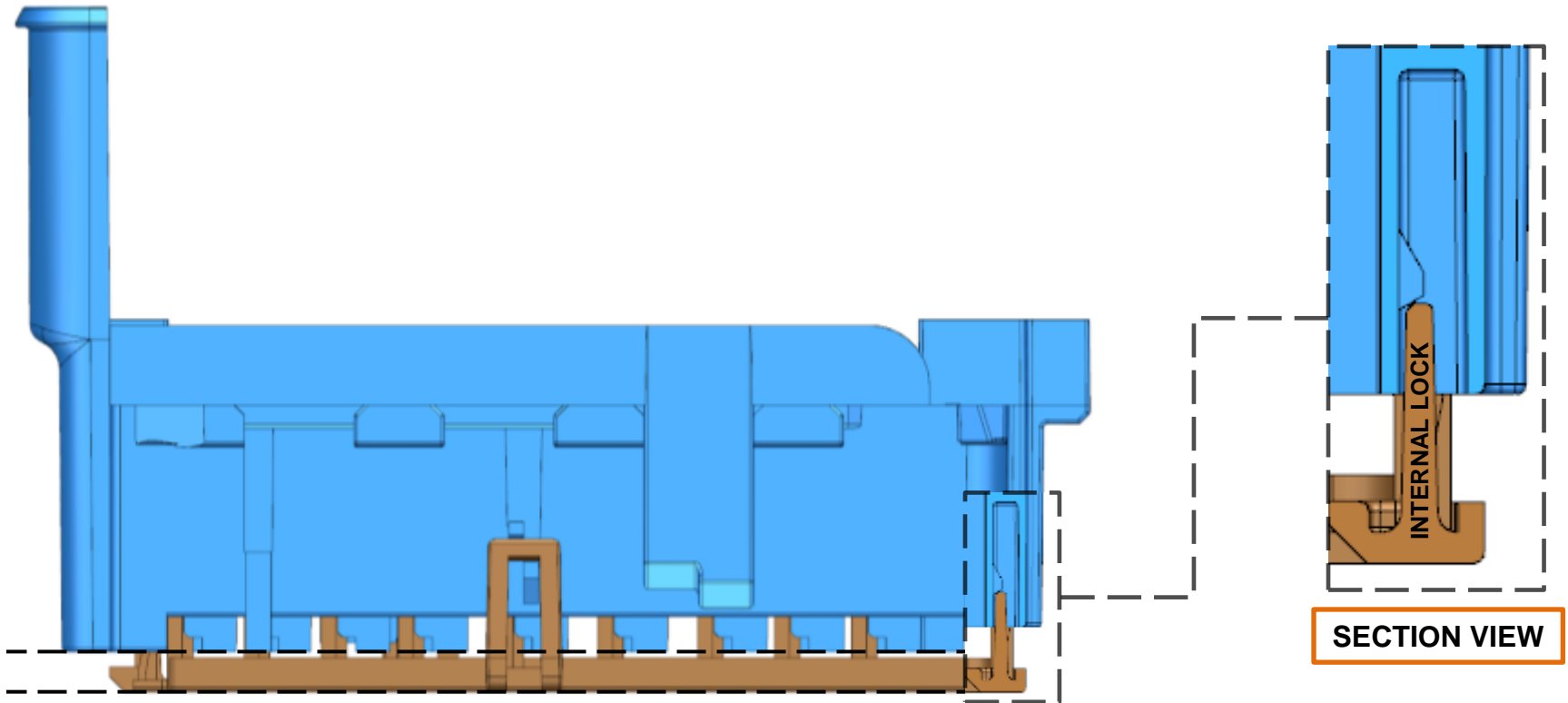


MAKE SURE THAT EACH SIDE OF THE PLR IS POSITIONED ON THE FIRST LOCK OF THE CONNECTOR

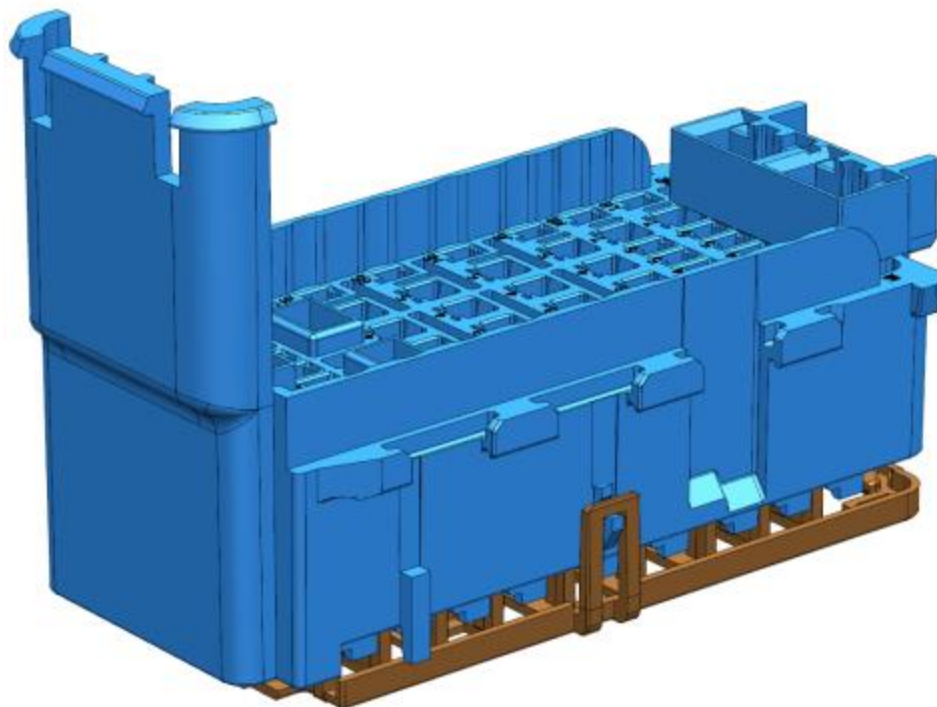
ASSEMBLY

STEP 1c – Insert PLR to Pre-Stage Position

VERIFY THAT THE INTERNAL LOCKS ARE CORRECTLY POSITIONED AND THAT THE PLR IS PARALLEL WITH THE HOUSING AFTER THE INSERTION



FEMALE CONNECTOR – COMPLETED ASSEMBLY



ASSEMBLY

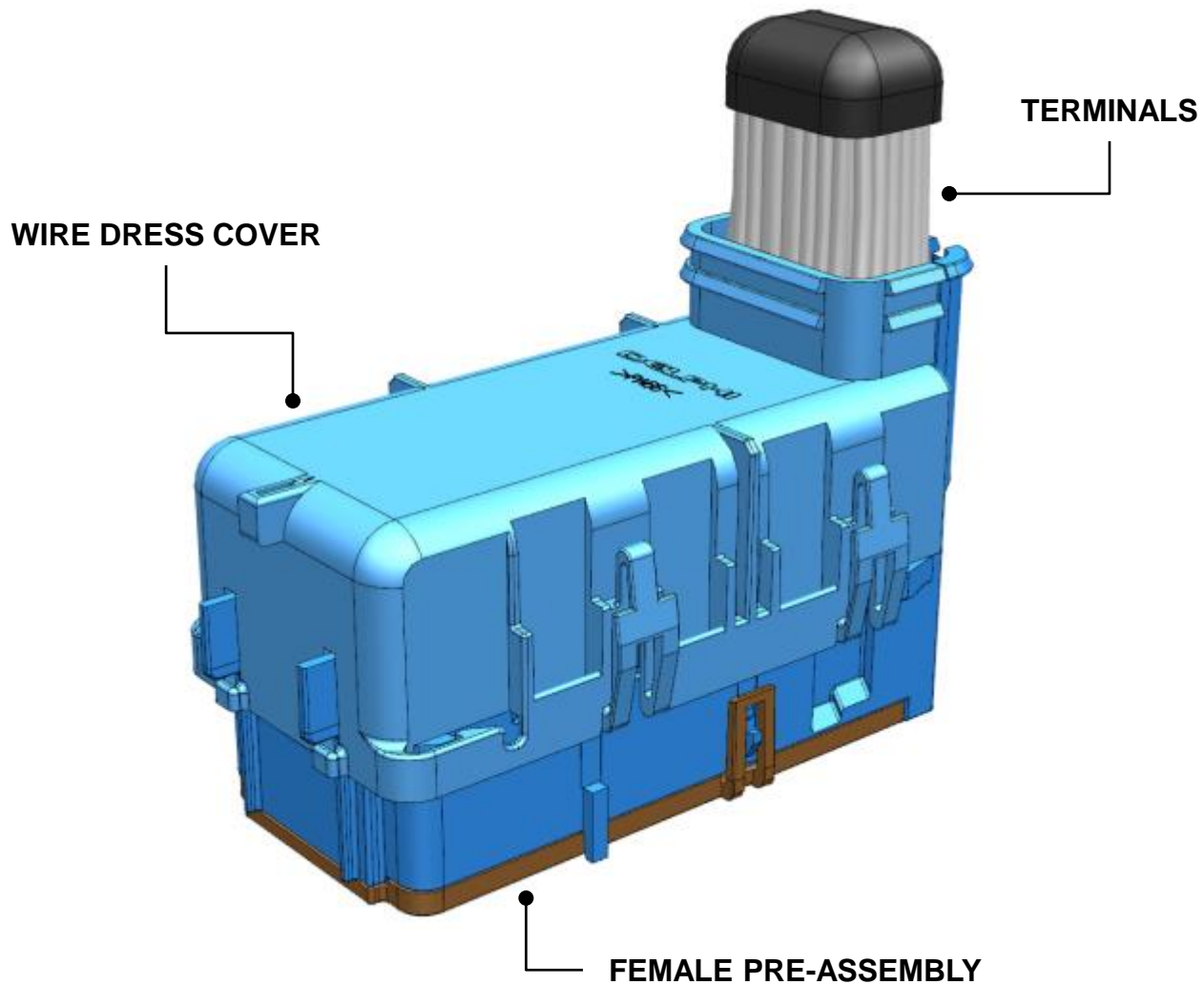
**ASSEMBLY OF THE
FEMALE HARNESS ASSEMBLY**

PRE - ASSEMBLY

HARNESS ASSEMBLY

CAR ASSEMBLY

64 Way Connection System



ASSEMBLY

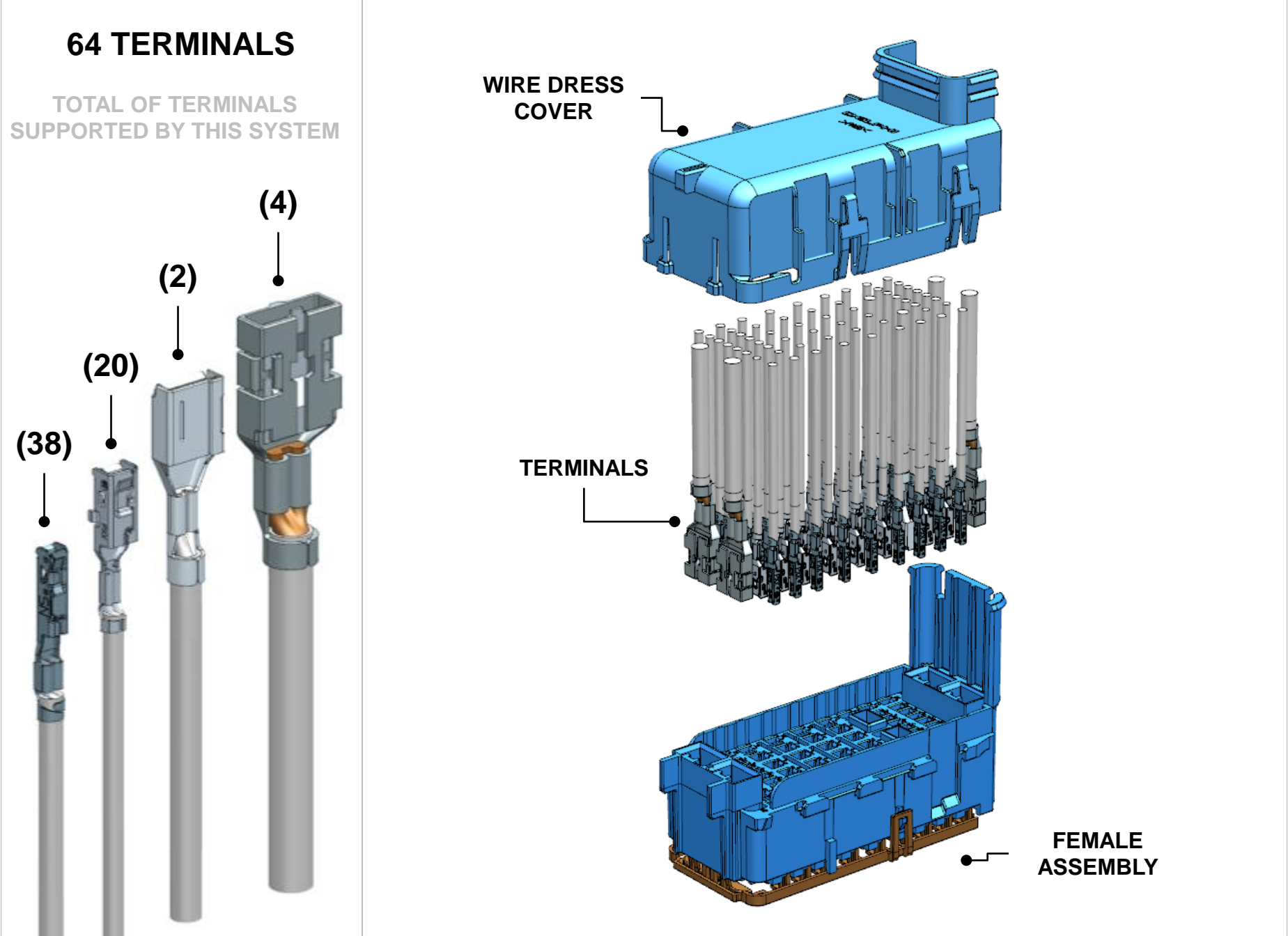
LIST OF COMPONENTS

QUANTITY	COMPONENTS OF 64 WAY FEMALE HARNESS ASSEMBLY
1	FEMALE ASSEMBLY
4 MAX	TERMINALS FEMALE YESC 9.5
2 MAX	TERMINALS FEMALE YESC 6.3
20 MAX	TERMINALS FEMALE OCS 2.8
38 MAX	TERMINALS FEMALE OCS 1.5
1	WIRE DRESS COVER

IMPORTANT

THE QUANTITY OF TERMINALS REQUIRED MIGHT VARY DEPENDING ON THE USAGE OF THE ASSEMBLY.

EXPLODED COMPONENTS

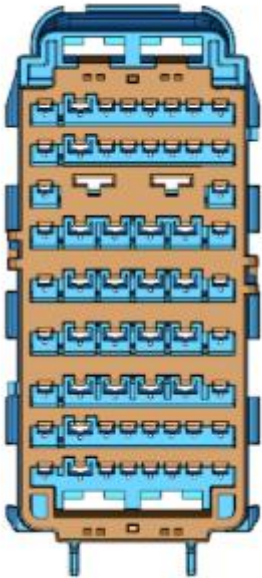


Pictures used in this Assembly Manual and original parts may differ in some details. These differences have no influence on the assembly process.

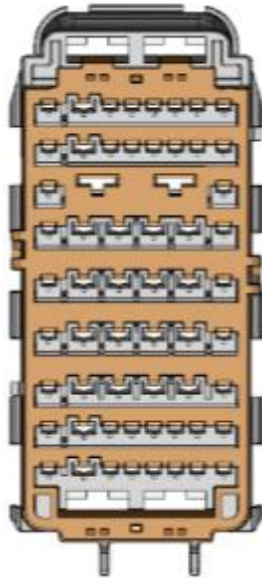
ASSEMBLY

NOTE: GROMMETS USED ON THESE CONNECTION SYSTEMS

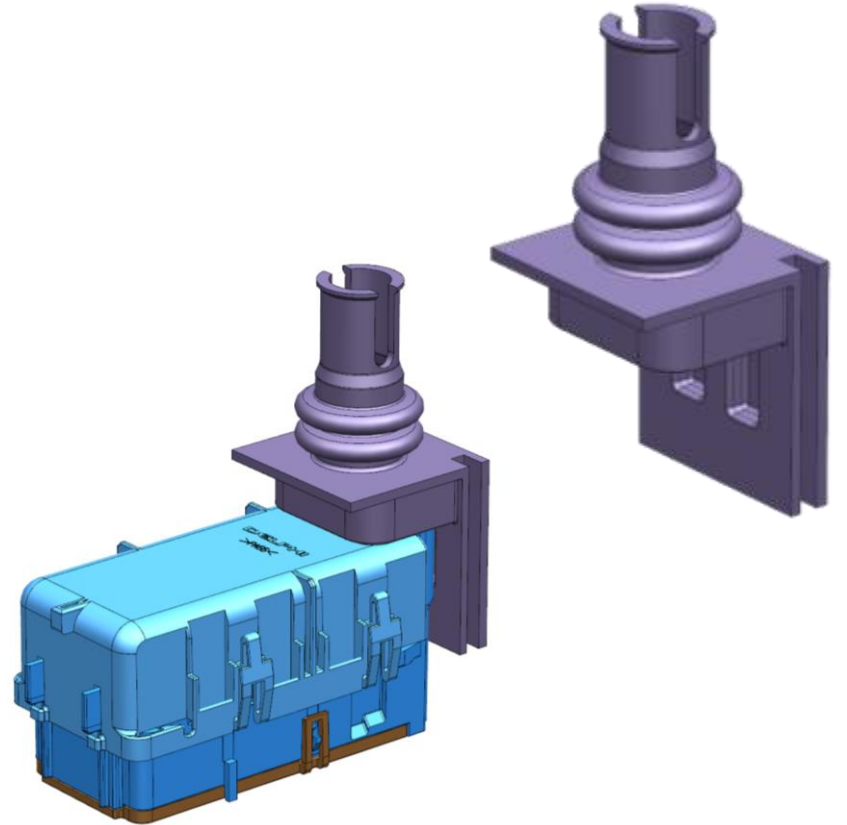
GROMMET FOR CONNECTORS: TYPE 101 AND TYPE 102



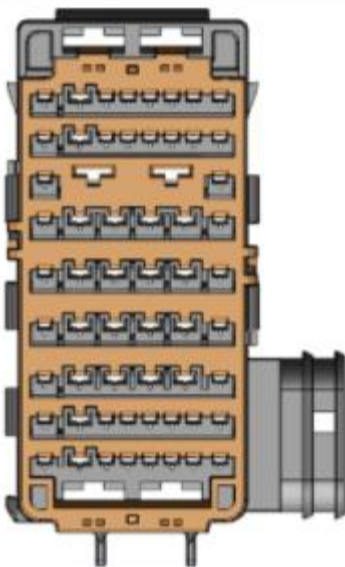
TYPE 101



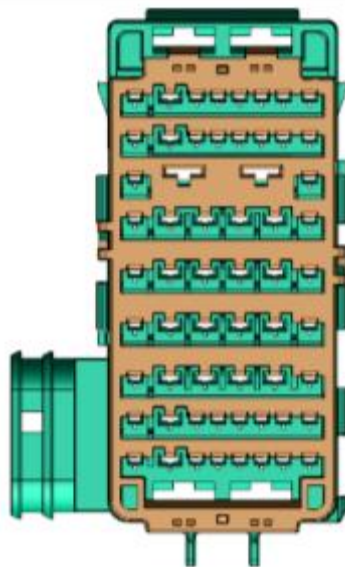
TYPE 102



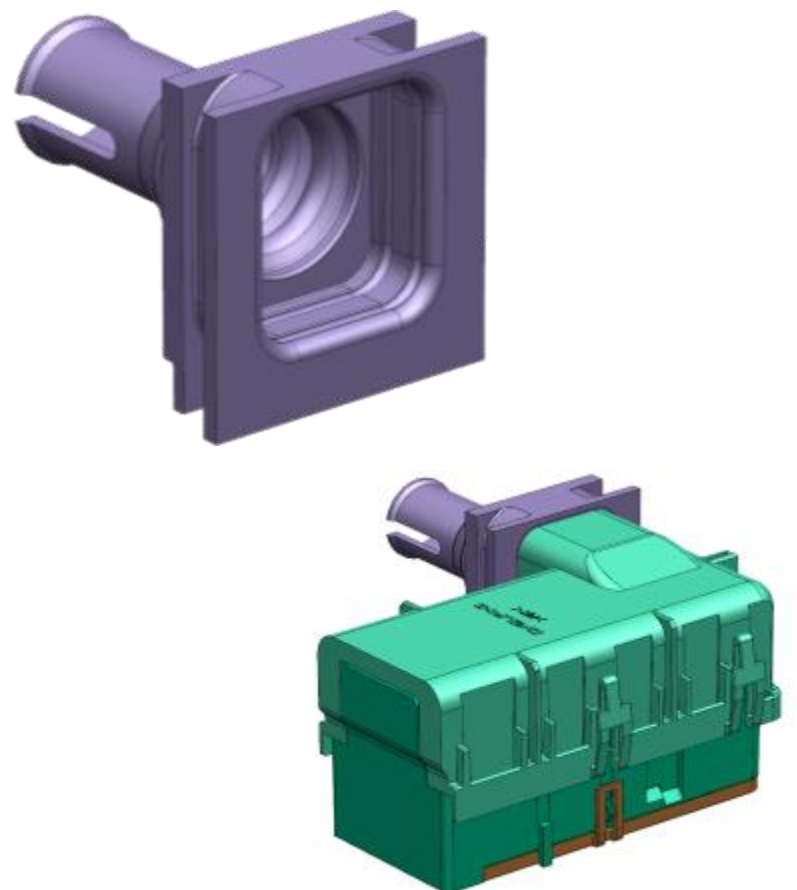
GROMMET FOR CONNECTORS: TYPE RIGHT ANGLE AND TYPE LEFT ANGLE



TYPE RIGHT ANGLE



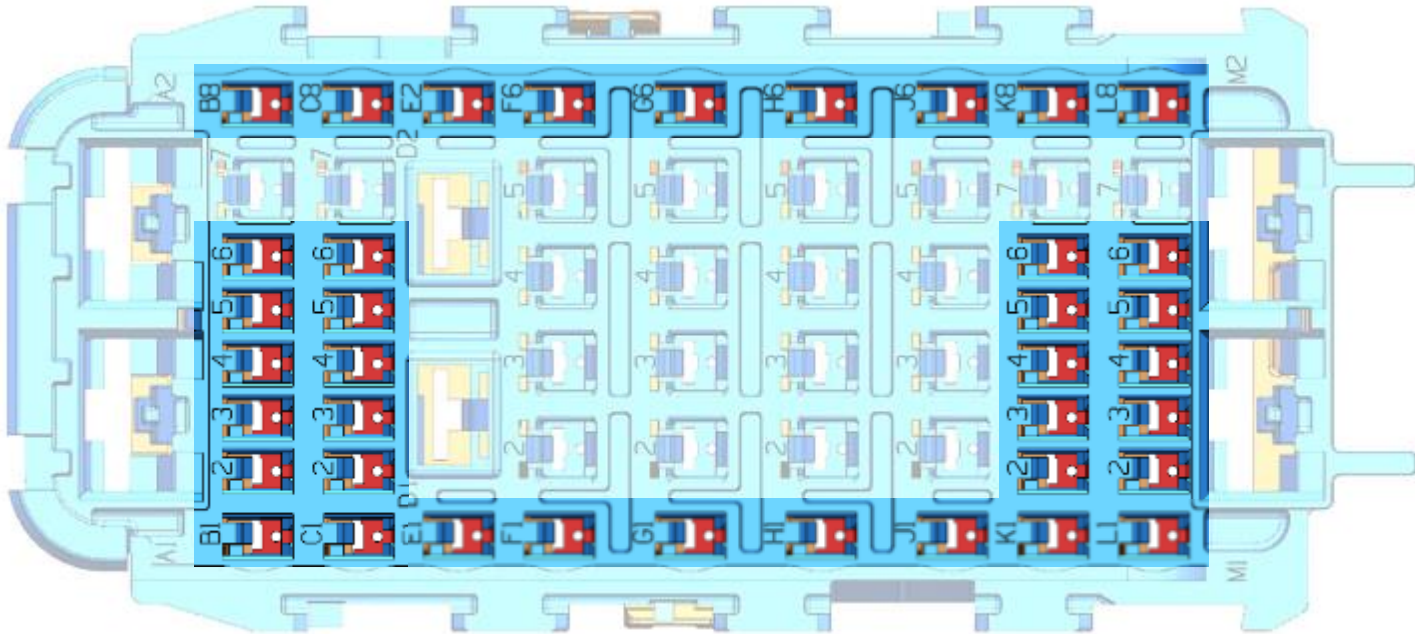
TYPE LEFT ANGLE



ASSEMBLY

STEP 1 – Identify Cavities for Terminals Female OCS 1.5

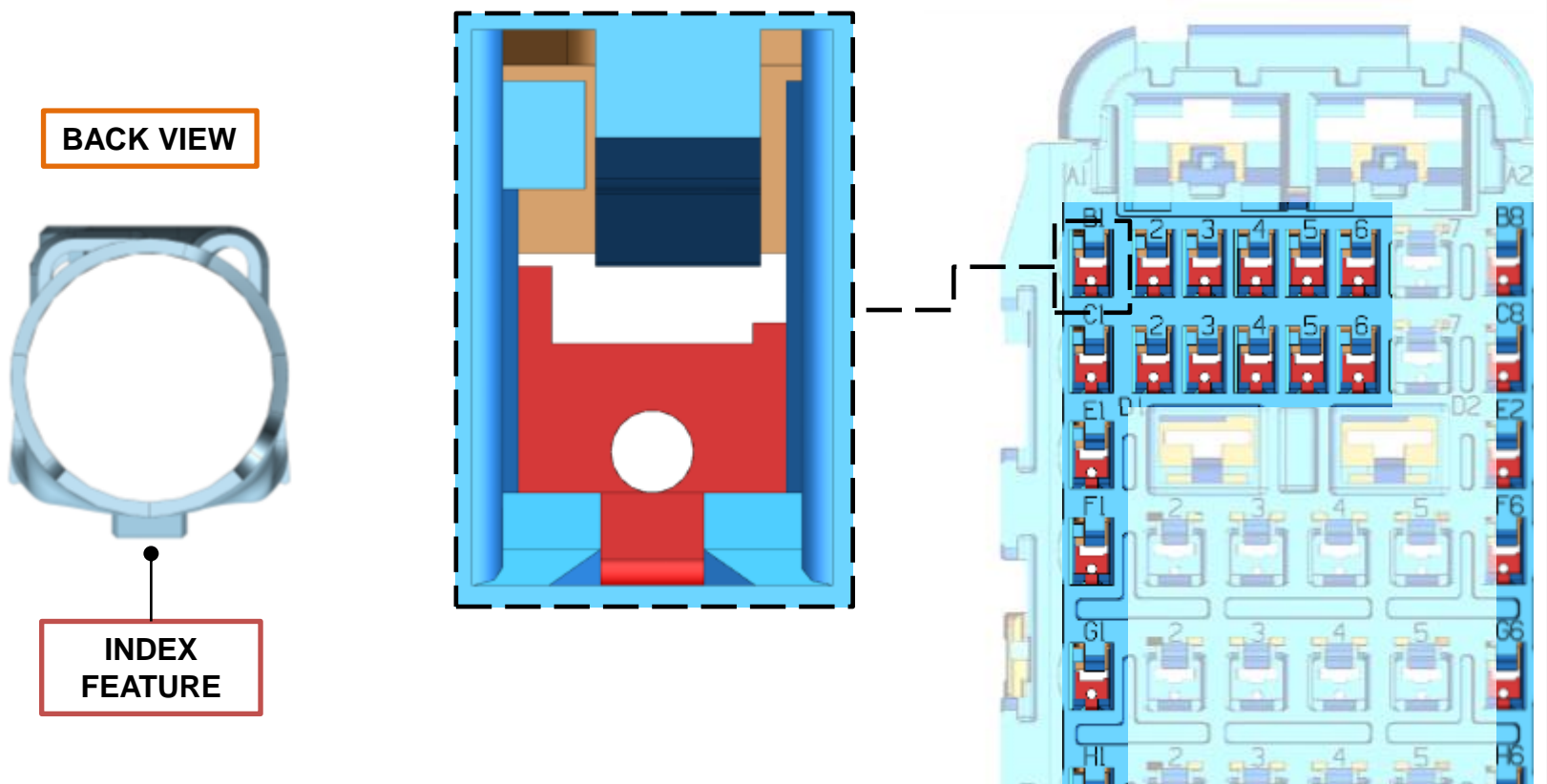
TOP VIEW



APPLICABLE CAVITIES FOR 1.5 TERMINALS:
B1-B6, B8, C1-C6, C8, E1, E2, F1, F6, G1, G6, H1, H6, J1, J6, K1-K6, K8, L1-L6, L8.

STEP 2 – Align Terminals Female OCS 1.5 and Female Assembly

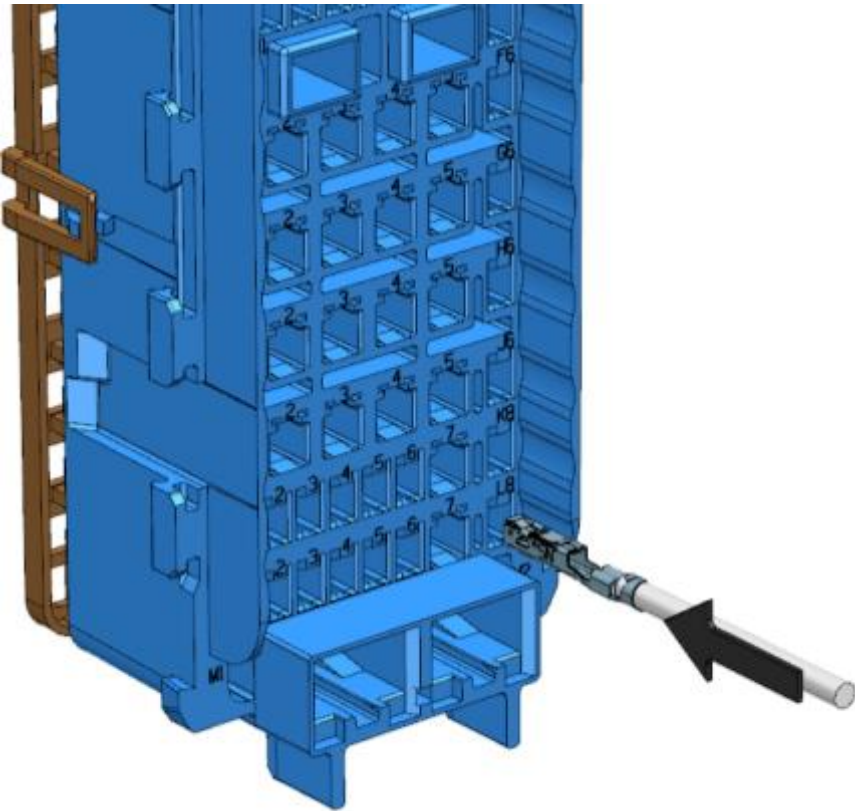
INSERT FEMALE TERMINAL INTO RECEPTACLE HOUSING ACCORDING TO INSERTION PLAN.
- PROPER ORIENTATION OF TERMINAL REQUIRED -



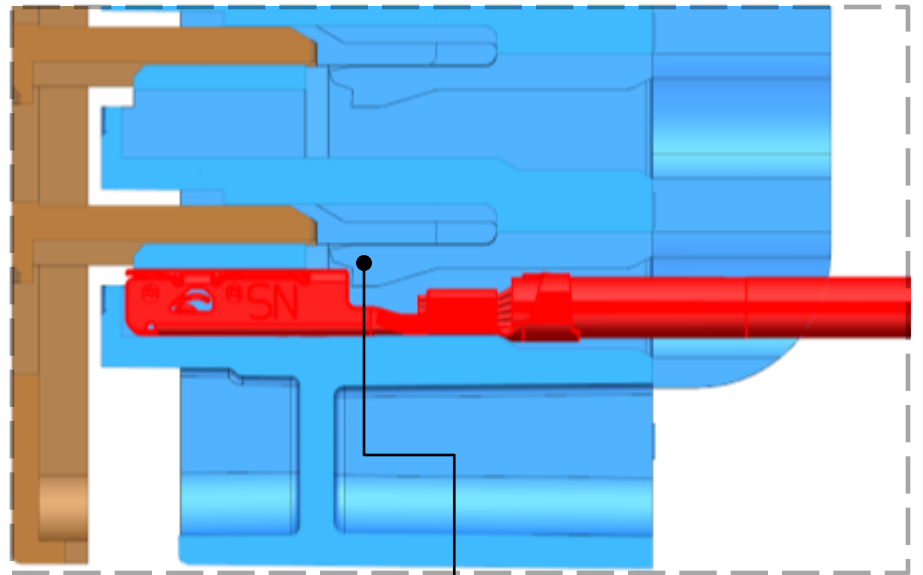
ASSEMBLY

STEP 3a – Insert Terminals Female OCS 1.5

1 PUSH THE TERMINAL STRAIGHT INTO THE CAVITY



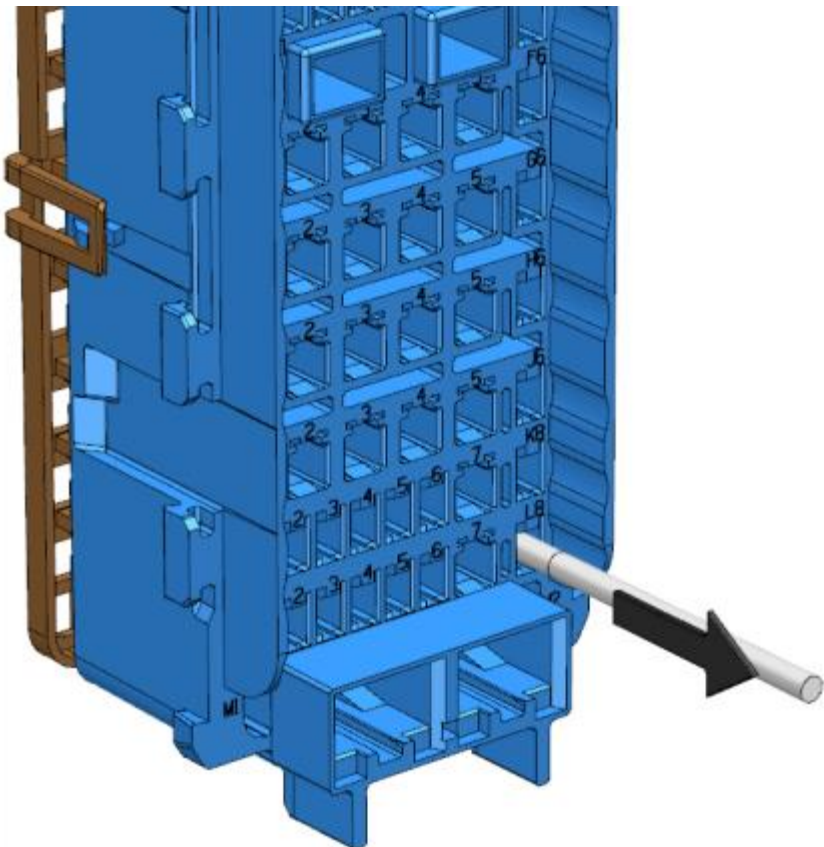
2 VERIFY AUDIBLE CLICK



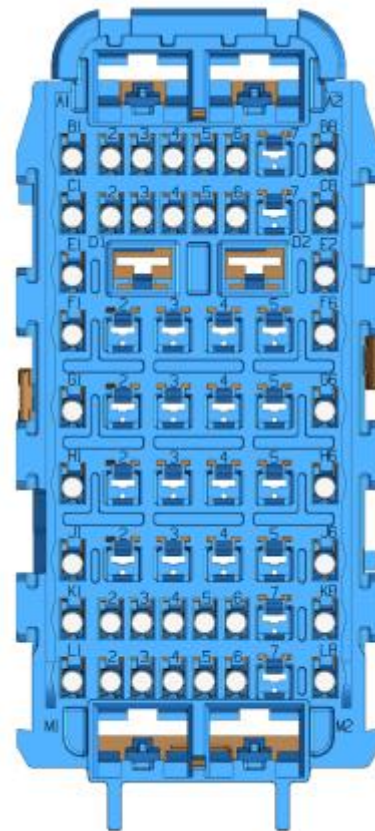
TERMINAL FULLY ENGAGED UNDER THE FLEX LOCK

STEP 3b – Insert Terminals Female OCS 1.5

3 GENTLY PULL ON THE CABLE TO VERIFY THE LOCK SYSTEM



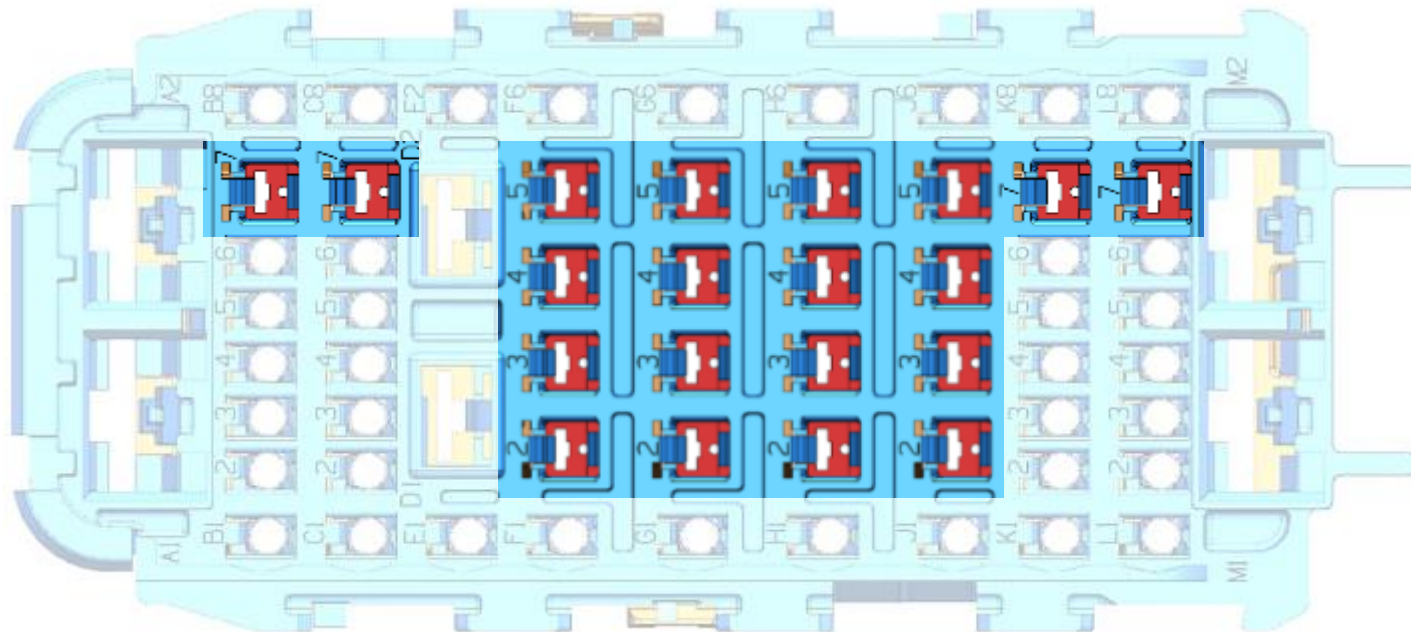
REPEAT THE SAME PROCESS TO INSERT THE REST OF THE TERMINALS 1.5 REQUIRED



ASSEMBLY

STEP 4 – Identify Cavities for Terminals Female OCS 2.8

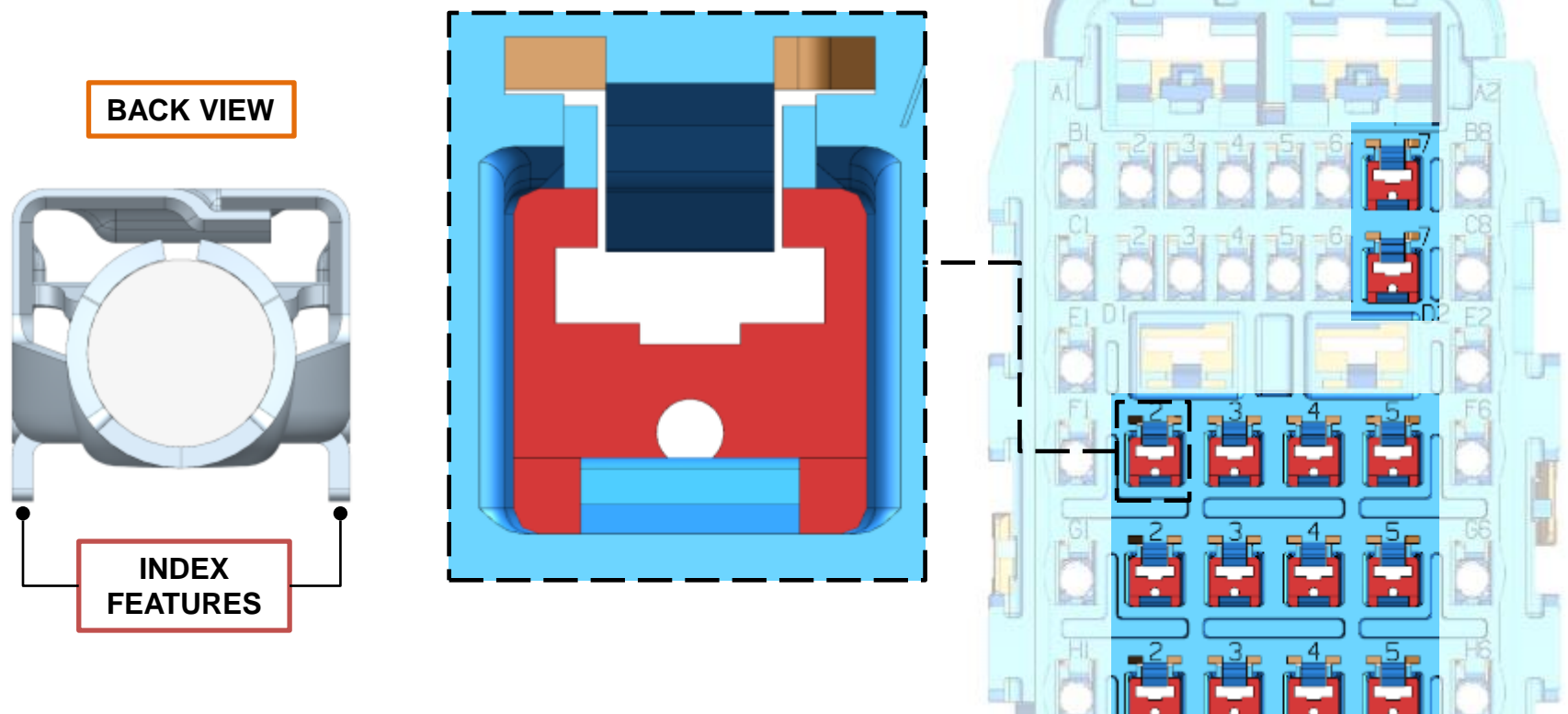
TOP VIEW



APPLICABLE CAVITIES FOR 2.8 TERMINALS:
B7, C7, F2-F5, G2-G5, H2-H5, J2-J5, K7, L7.

STEP 5 – Align Terminals Female OCS 2.8 and Female Assembly

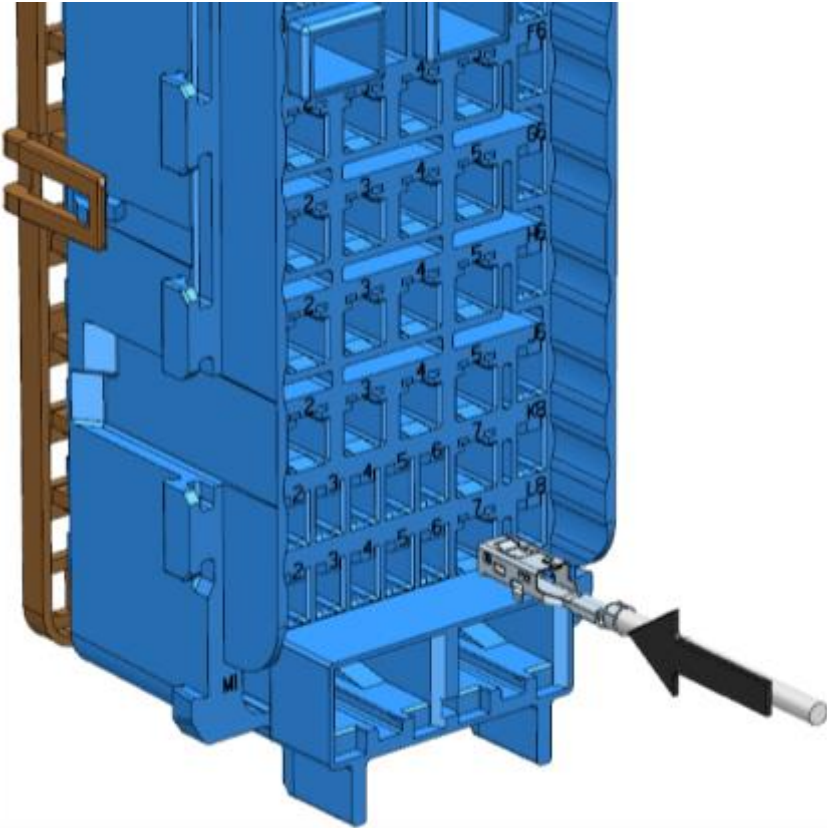
INSERT FEMALE TERMINAL INTO RECEPTACLE HOUSING ACCORDING TO INSERTION PLAN.
- PROPER ORIENTATION OF TERMINAL REQUIRED -



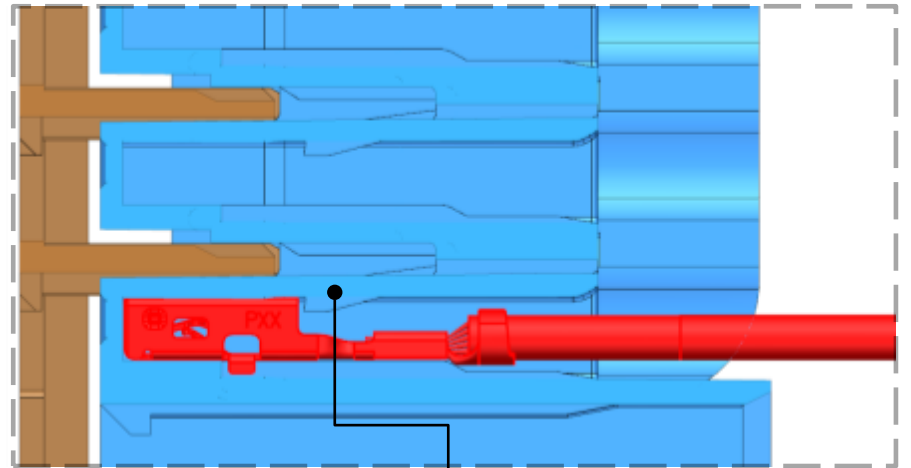
ASSEMBLY

STEP 6a – Insert Terminals Female OCS 2.8

1 PUSH THE TERMINAL STRAIGHT INTO THE CAVITY



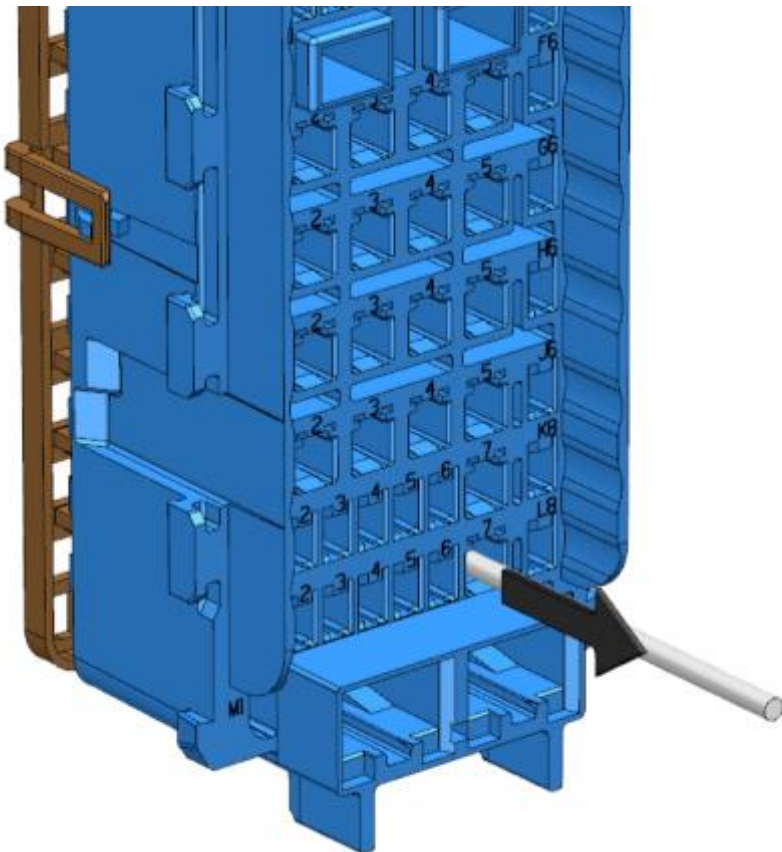
2 VERIFY AUDIBLE CLICK



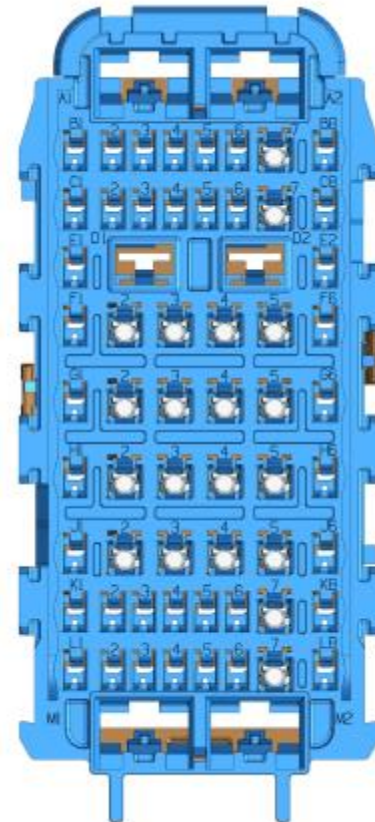
TERMINAL FULLY ENGAGED UNDER THE FLEX LOCK

STEP 6b – Insert Terminals Female OCS 2.8

3 GENTLY PULL ON THE CABLE TO VERIFY THE LOCK SYSTEM



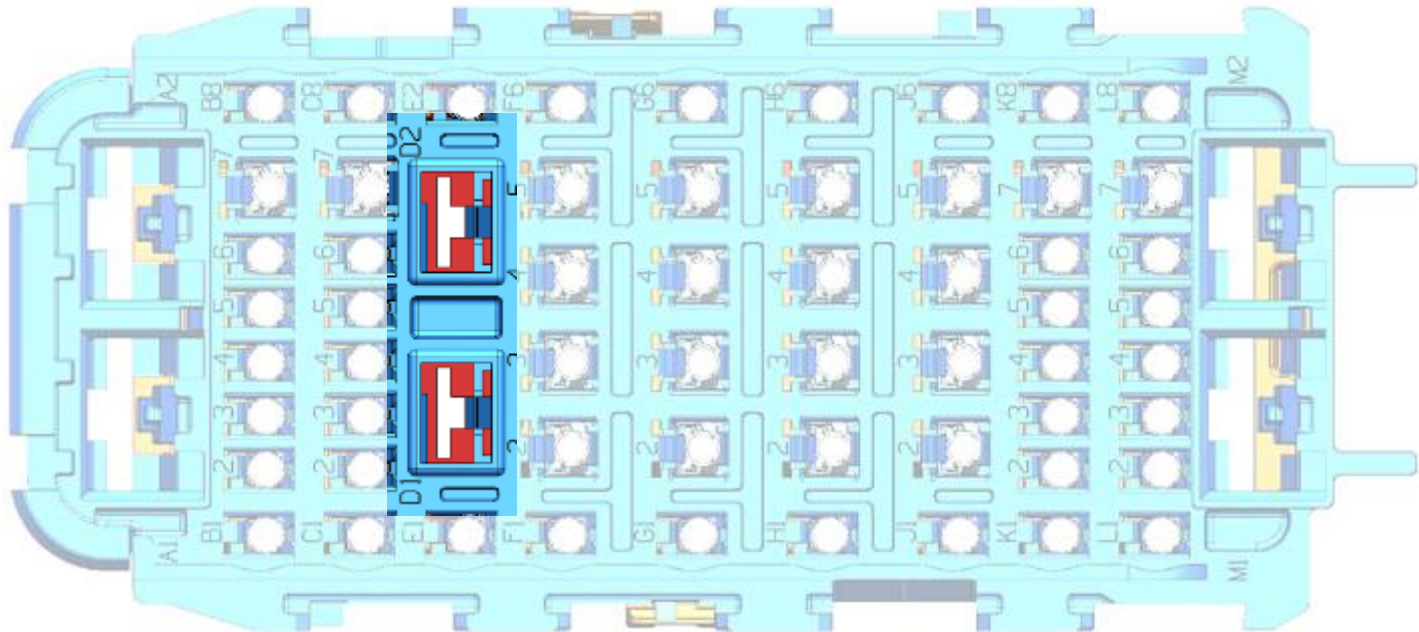
REPEAT THE SAME PROCESS TO INSERT THE REST OF THE TERMINALS 2.8 REQUIRED



ASSEMBLY

STEP 7 – Identify Cavities for Terminals Female Yesc 6.3

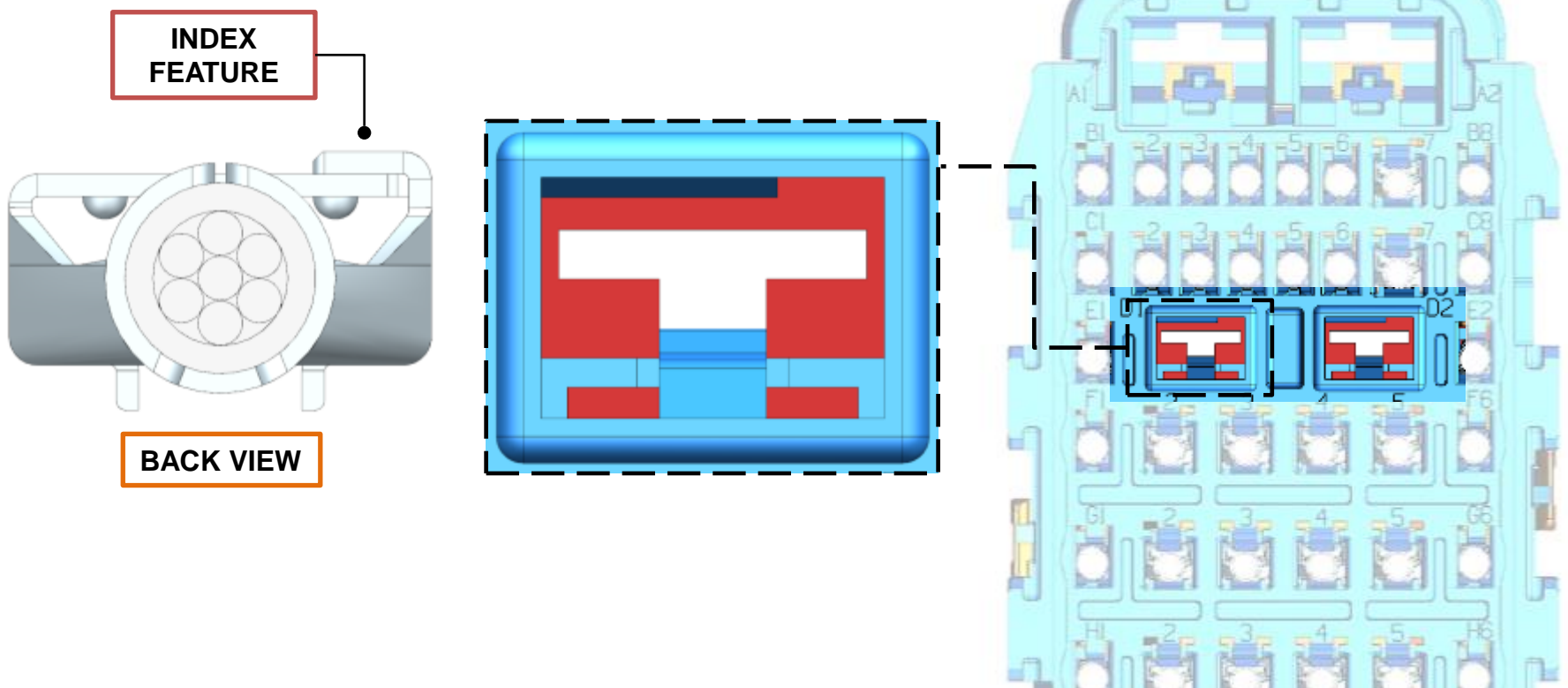
TOP VIEW



APPLICABLE CAVITIES FOR 6.3 TERMINALS:
D1, D2.

STEP 8 – Align Terminals Female Yesc 6.3 and Female Assembly

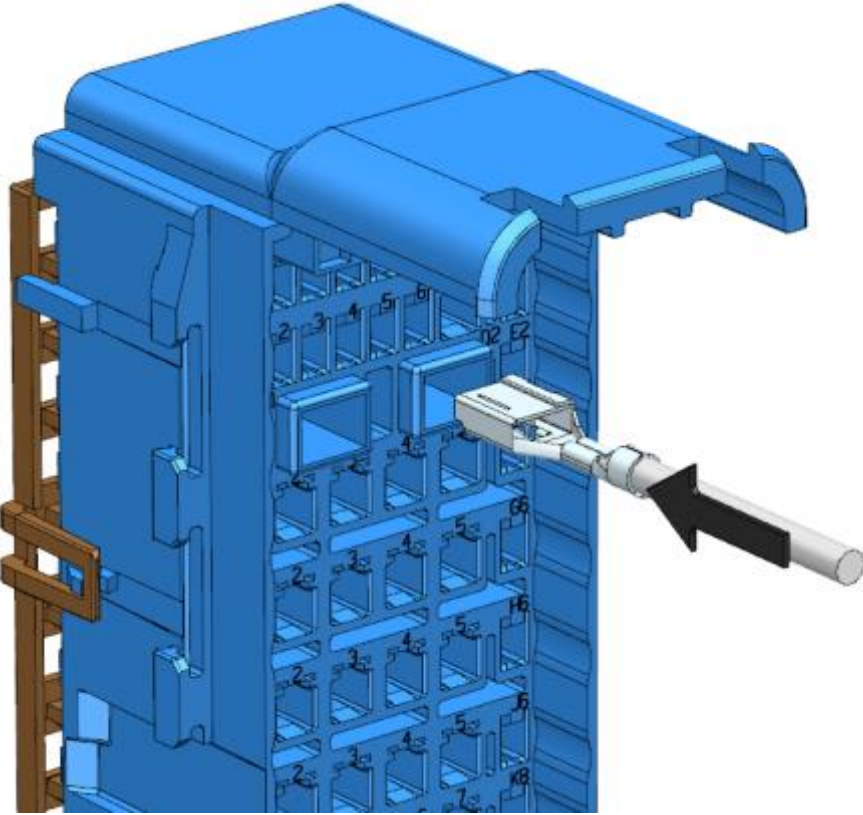
INSERT FEMALE TERMINAL INTO RECEPTACLE HOUSING ACCORDING TO INSERTION PLAN.
- PROPER ORIENTATION OF TERMINAL REQUIRED -



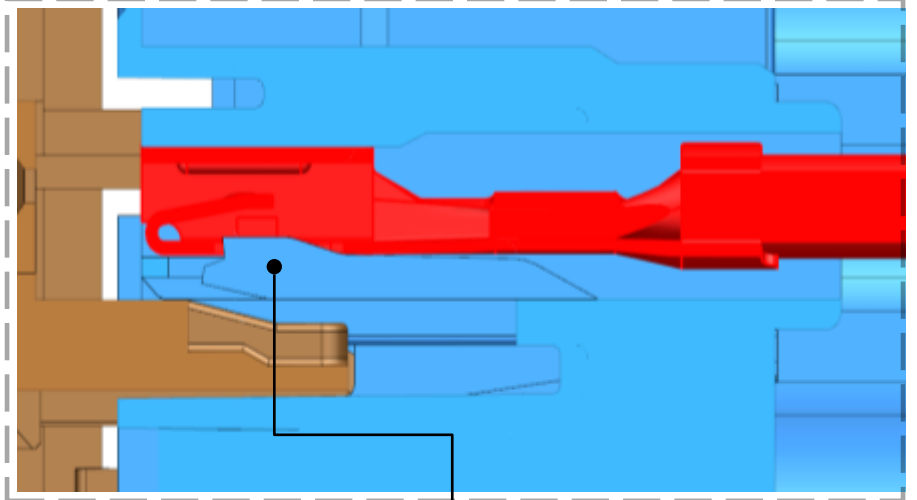
ASSEMBLY

STEP 9a – Insert Terminals Female Yesc 6.3

1 PUSH THE TERMINAL STRAIGHT INTO THE CAVITY



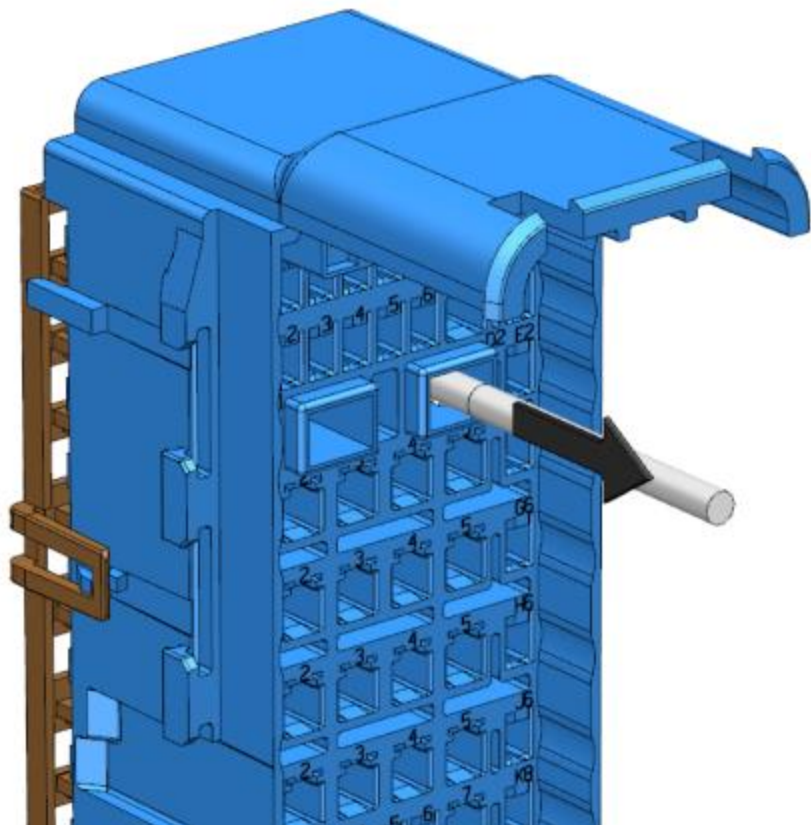
2 VERIFY AUDIBLE CLICK



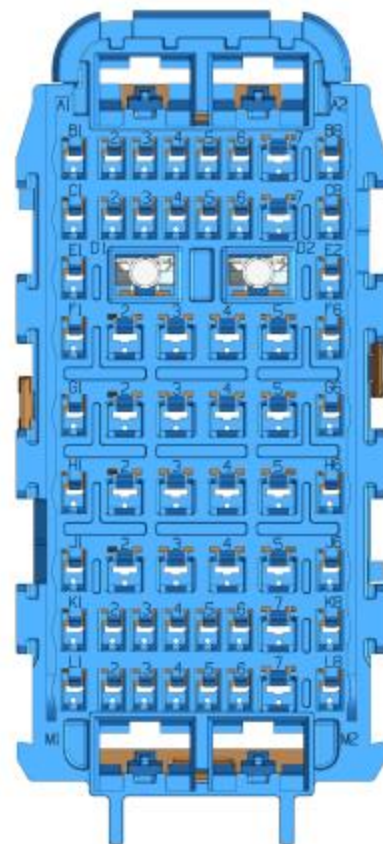
TERMINAL FULLY ENGAGED UNDER THE FLEX LOCK

STEP 9b – Insert Terminals Female Yesc 6.3

3 GENTLY PULL ON THE CABLE TO VERIFY THE LOCK SYSTEM



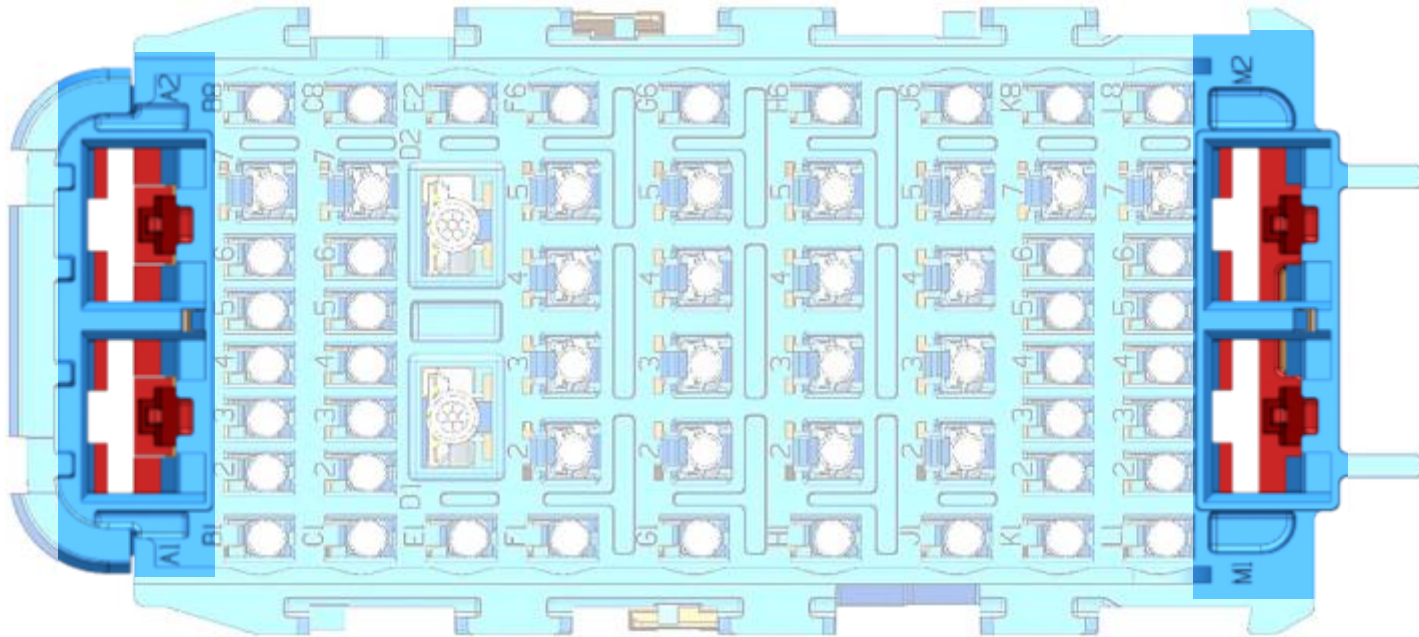
REPEAT THE SAME PROCESS TO INSERT THE OTHER TERMINAL 6.3 WHEN REQUIRED



ASSEMBLY

STEP 10 – Identify Cavities for Terminals Female Yesc 9.5

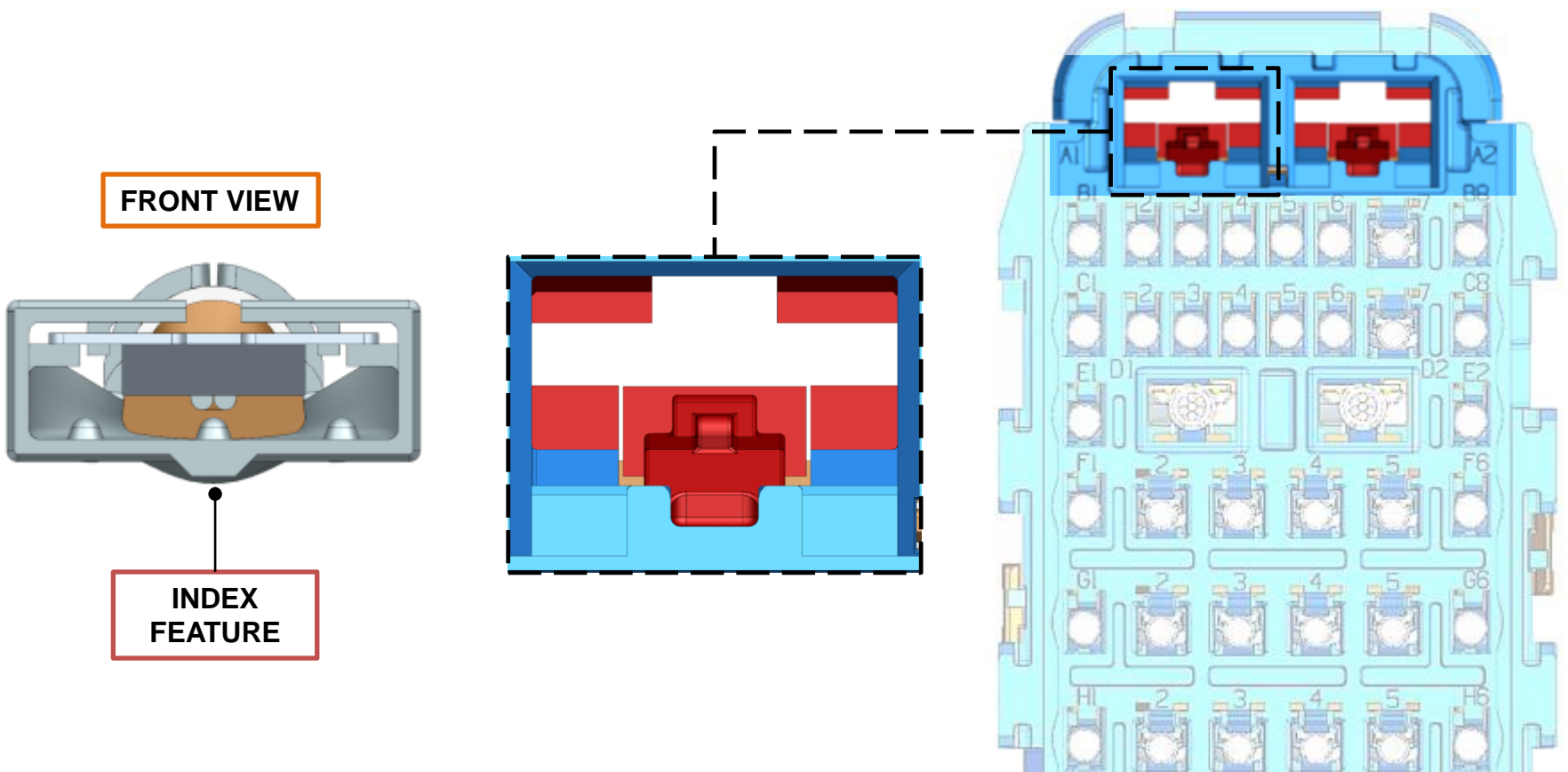
TOP VIEW



APPLICABLE CAVITIES FOR 9.5 TERMINALS:
A1, A2, M1, M2.

STEP 11 – Align Terminals Female Yesc 9.5 and Female Assembly

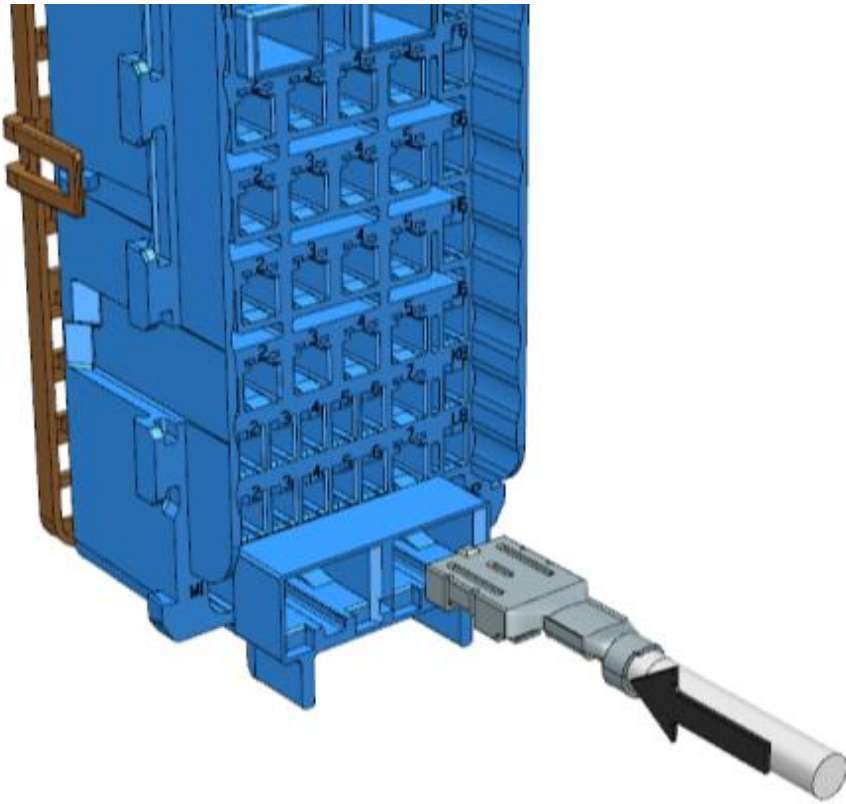
INSERT FEMALE TERMINAL INTO RECEPTACLE HOUSING ACCORDING TO INSERTION PLAN.
- PROPER ORIENTATION OF TERMINAL REQUIRED -



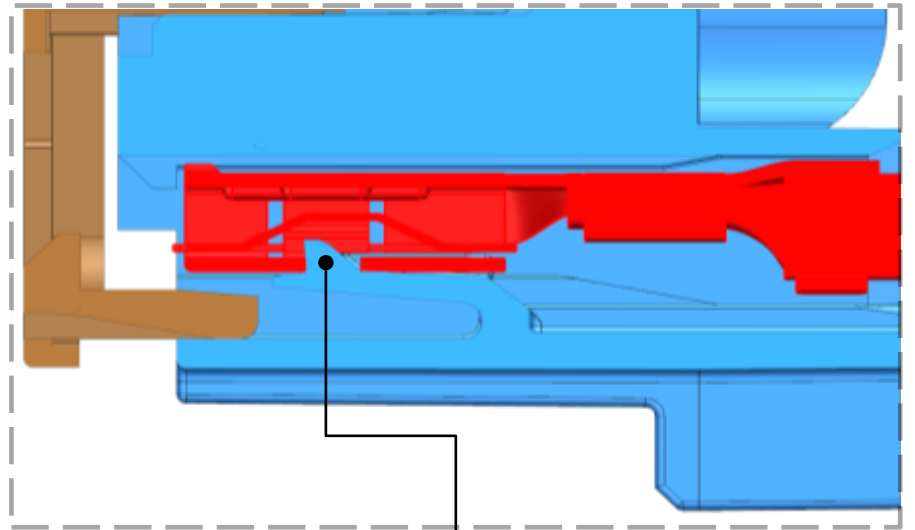
ASSEMBLY

STEP 12a – Insert Terminals Female Yesc 9.5

1 PUSH THE TERMINAL STRAIGHT INTO THE CAVITY



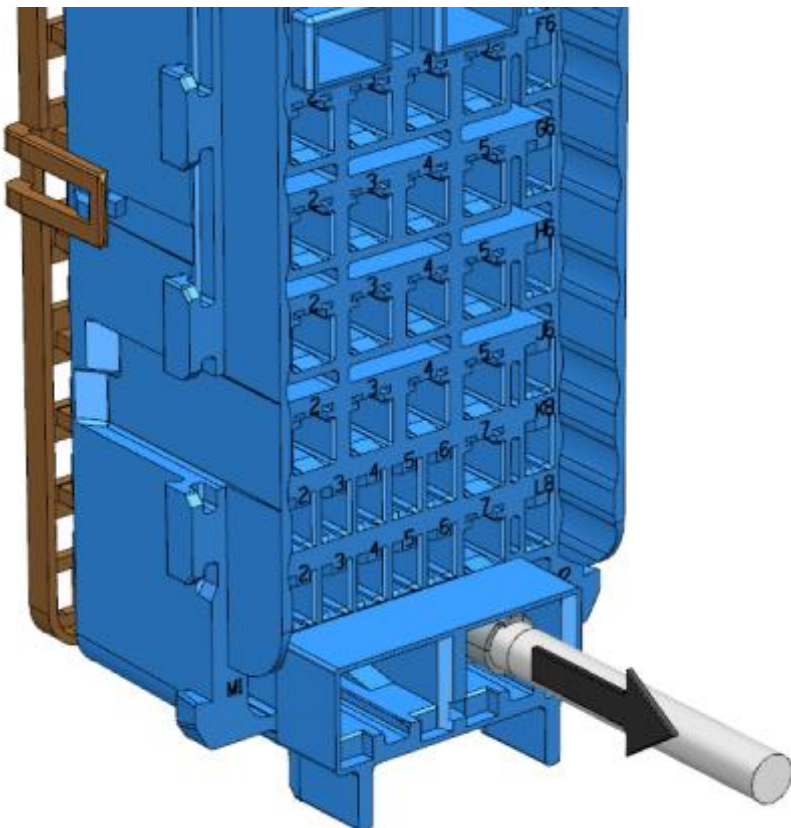
2 VERIFY AUDIBLE CLICK



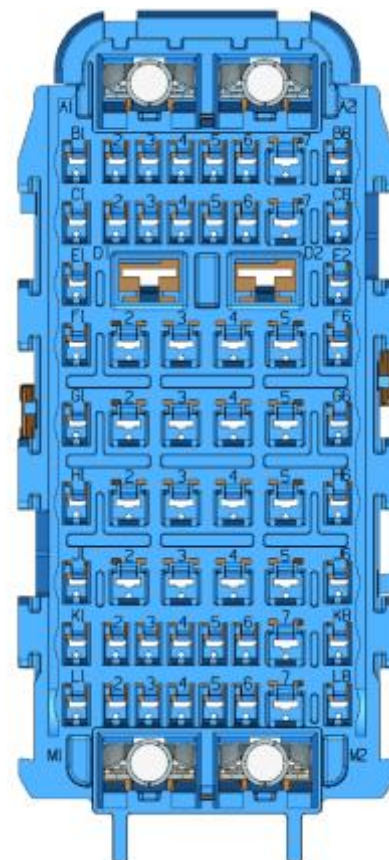
TERMINAL FULLY ENGAGED UNDER THE FLEX LOCK

STEP 12b – Insert Terminals Female Yesc 9.5

3 GENTLY PULL ON THE CABLE TO VERIFY THE LOCK SYSTEM



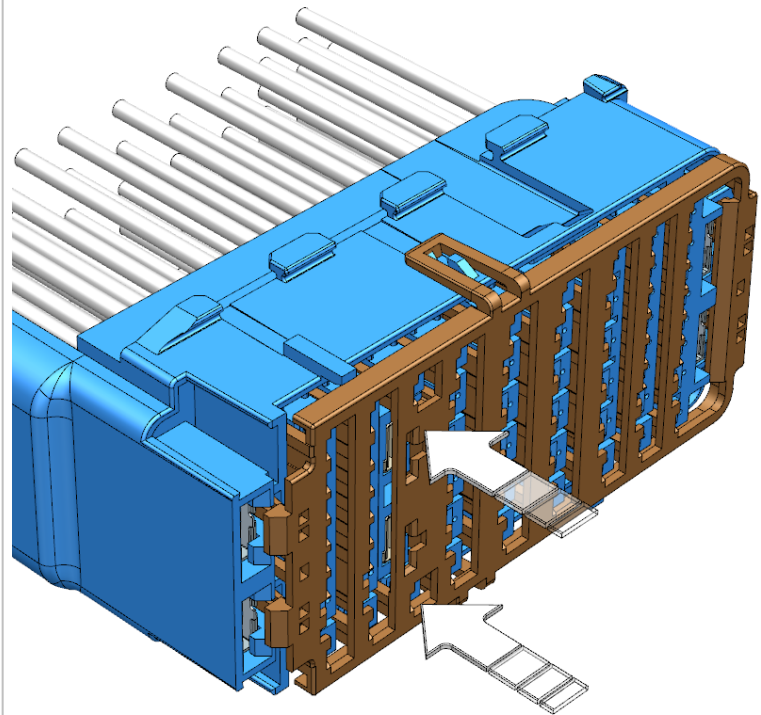
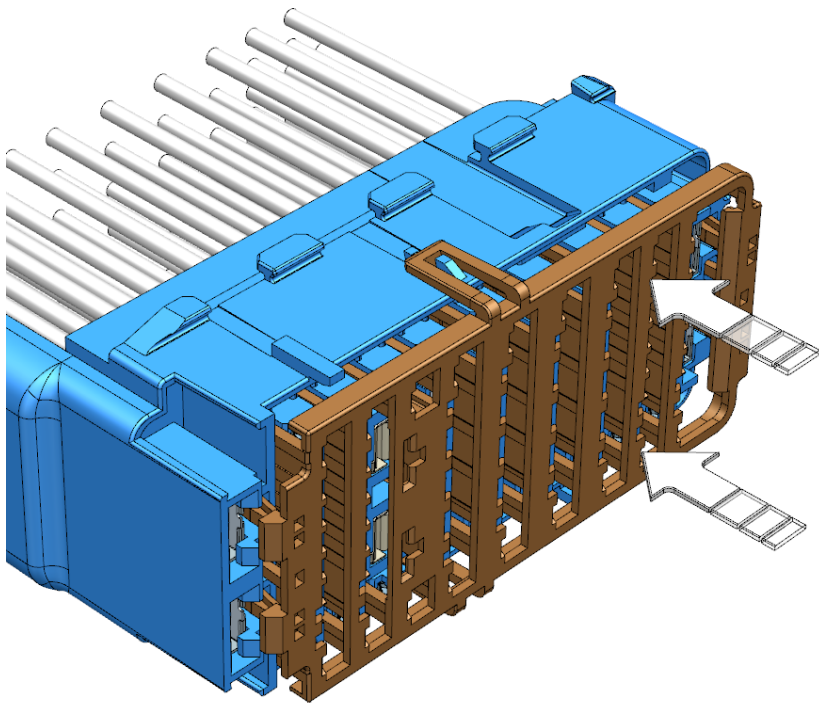
REPEAT THE SAME PROCESS TO INSERT THE REST OF THE TERMINALS 9.5 REQUIRED



ASSEMBLY

STEP 13a – Close PLR to Full-Stage Position

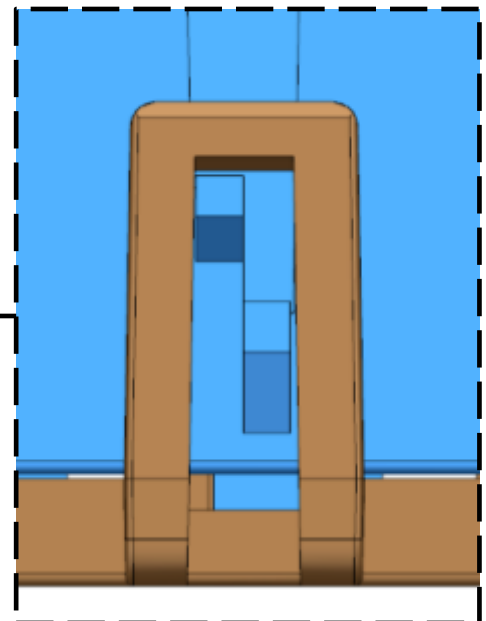
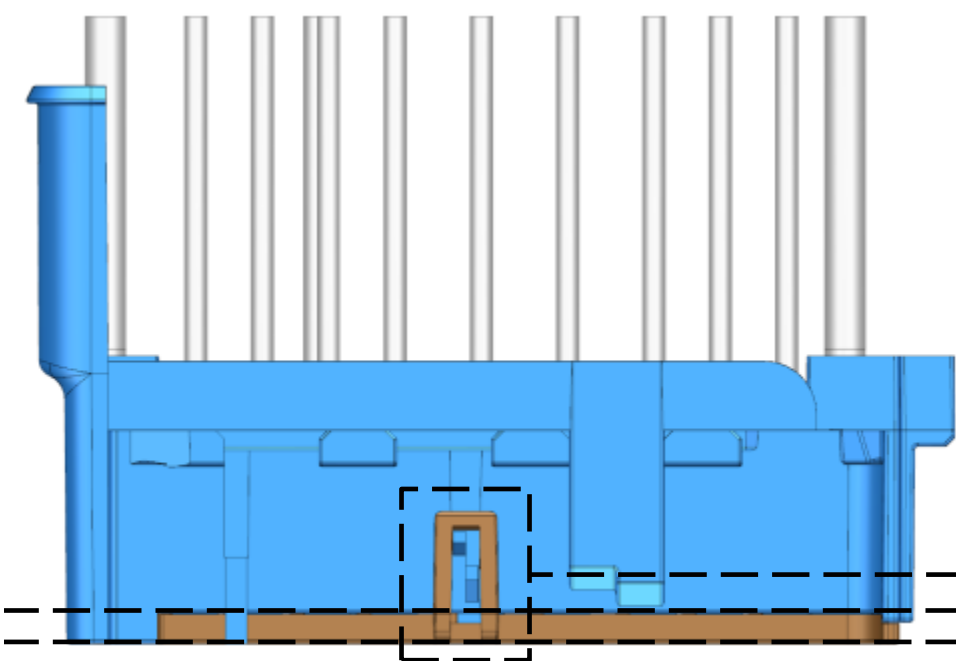
WITH THE FINGERS PUSH THE PLR FORWARD,
MAKE SURE TO PRESS ONE SIDE AT A TIME TO DETECT UNSEATED TERMINALS



VERIFY AUDIBLE CLICK ON BOTH SIDES

STEP 13b – Close PLR to Full-Stage Position

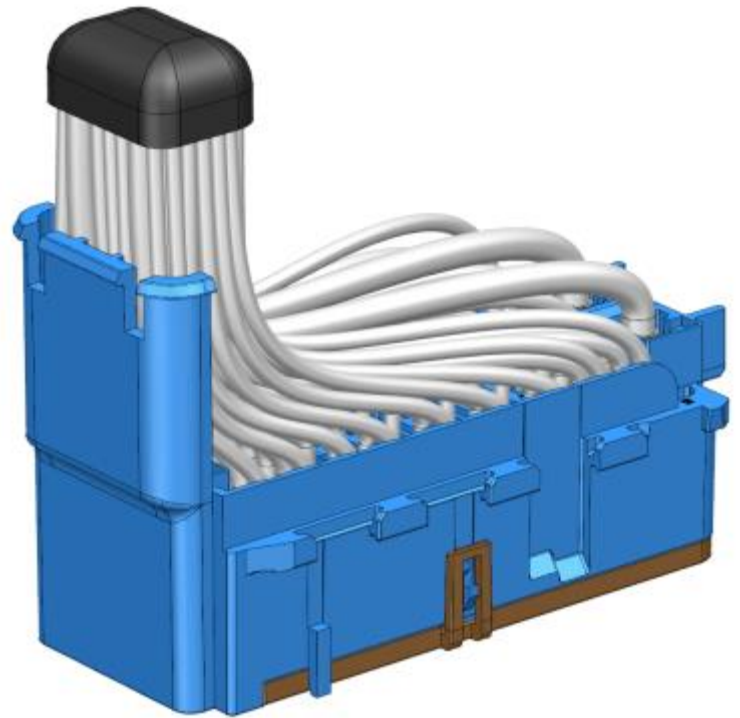
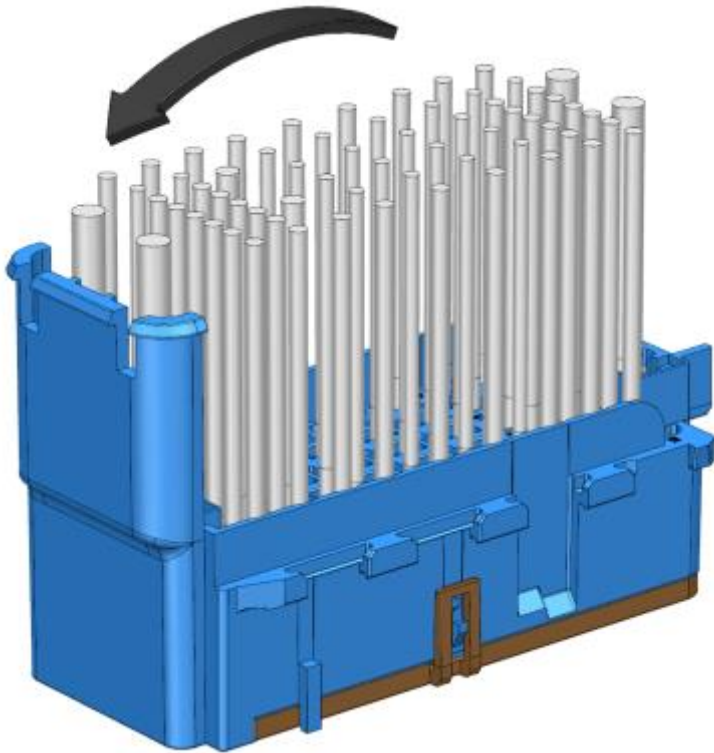
VERIFY THAT THE PLR RESTS UNDER THE SECOND SET OF LOCKS OF THE CONNECTOR
AND THAT IT IS PARALLEL WITH THE HOUSING AFTER THE INSERTION



PLR IS NOW IN
FULL-STAGE POSITION

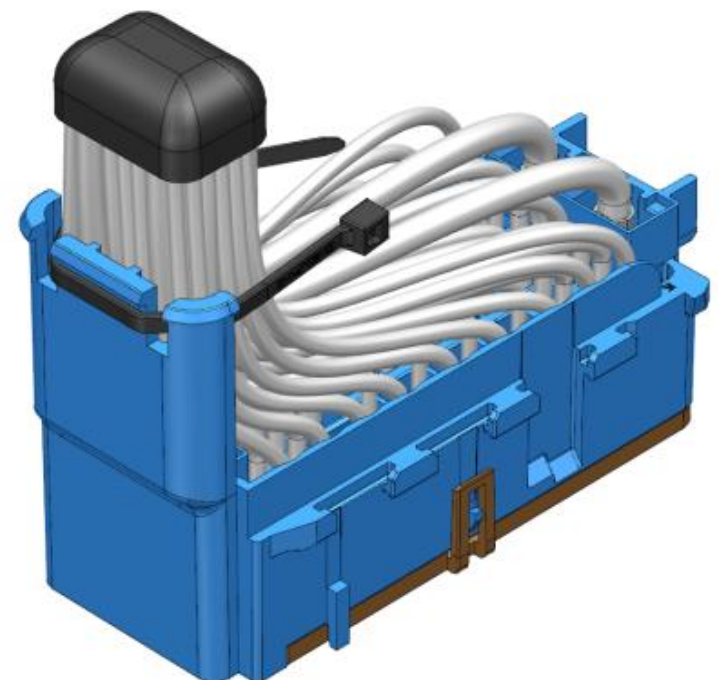
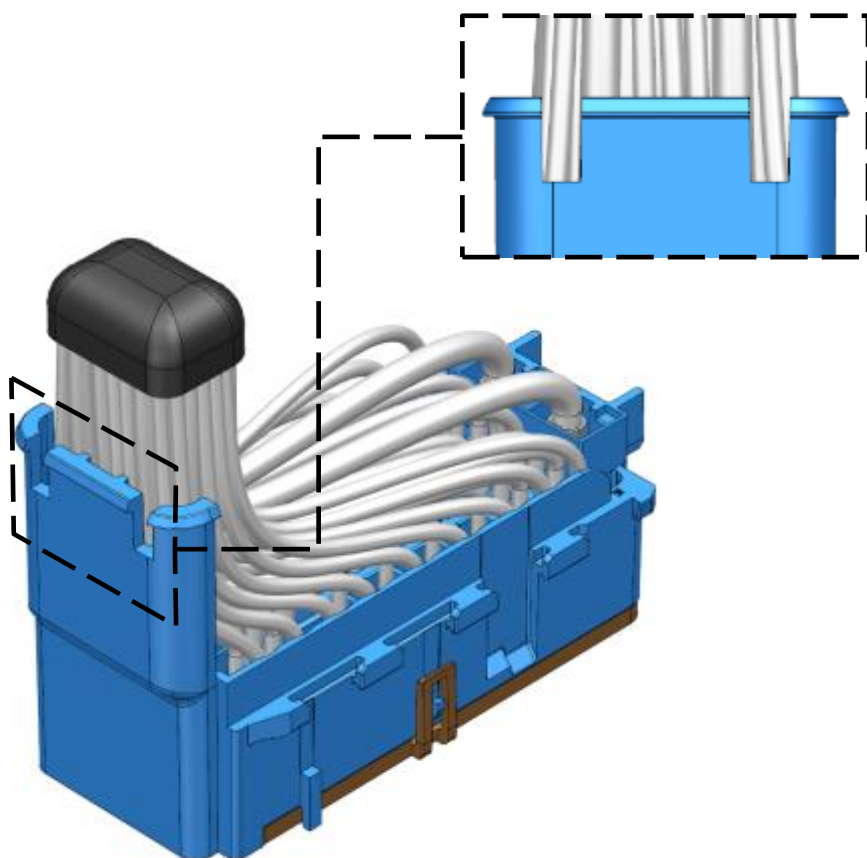
ASSEMBLY

STEP 14 – Bend the Cables



STEP 15a – Strap Cables Using Wire Tie (OPTIONAL COMPONENT)

INSERT THE WIRE TIE USING THE SLOTS IN THE CONNECTOR, PROVIDE SMOOTH RADIUS ON THE WIRES TO PREVENT ANY TENSION ON THE TERMINALS



Maximum force to close the wire tie: 50 N

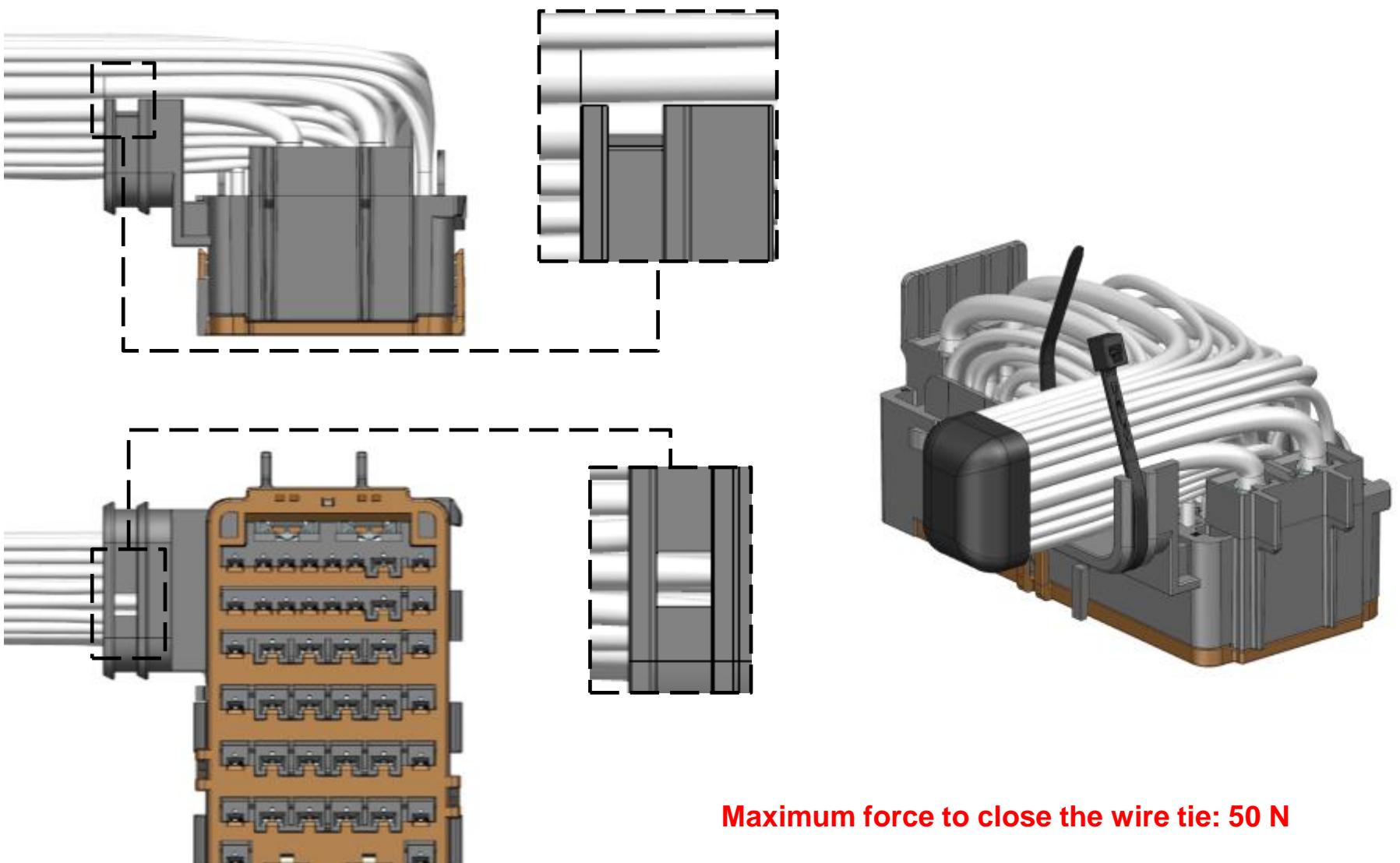
ASSEMBLY

DIFFERENCE

64 Way Connection System
FEMALE RIGHT ANGLE & LEFT ANGLE ASSEMBLIES

STEP 15a – Strap Cables Using Wire Tie (OPTIONAL COMPONENT)

INSERT THE WIRE TIE USING THE SLOTS ON THE SIDE AND BOTTOM OF THE CONNECTOR, PROVIDE SMOOTH RADIUS ON THE WIRES TO PREVENT ANY TENSION ON THE TERMINALS



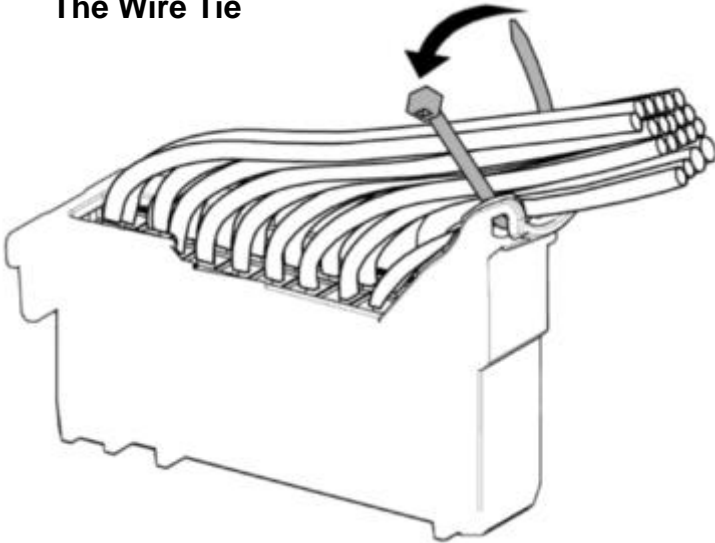
AFTER THE “STEP 15a” THE HARNESS ASSEMBLY PROCESS IS THE SAME

ASSEMBLY

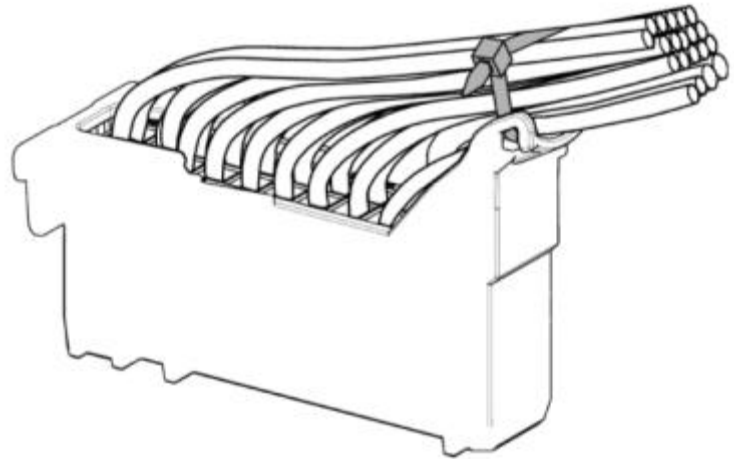
STEP 15b – Strap Cables Using Wire Tie (OPTIONAL COMPONENT)

STRAPPING LEADS

Strap leads using
The Wire Tie

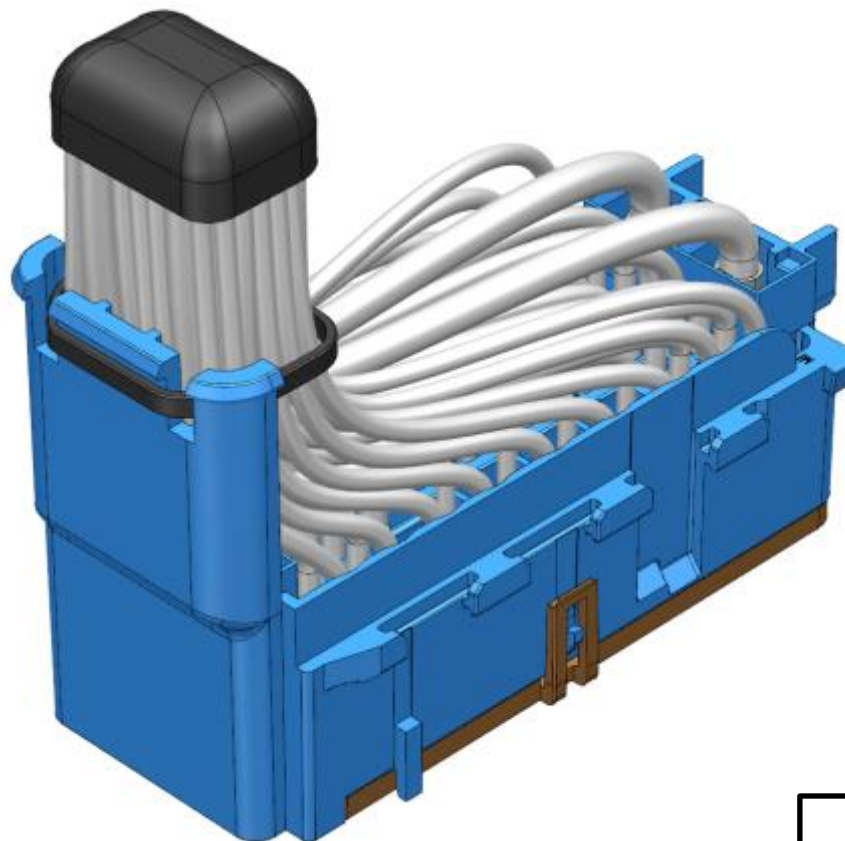


Completed



* This graph just represents the functionality of the strapping of leads.

STEP 15c – Strap Cables Using Wire Tie (OPTIONAL COMPONENT)

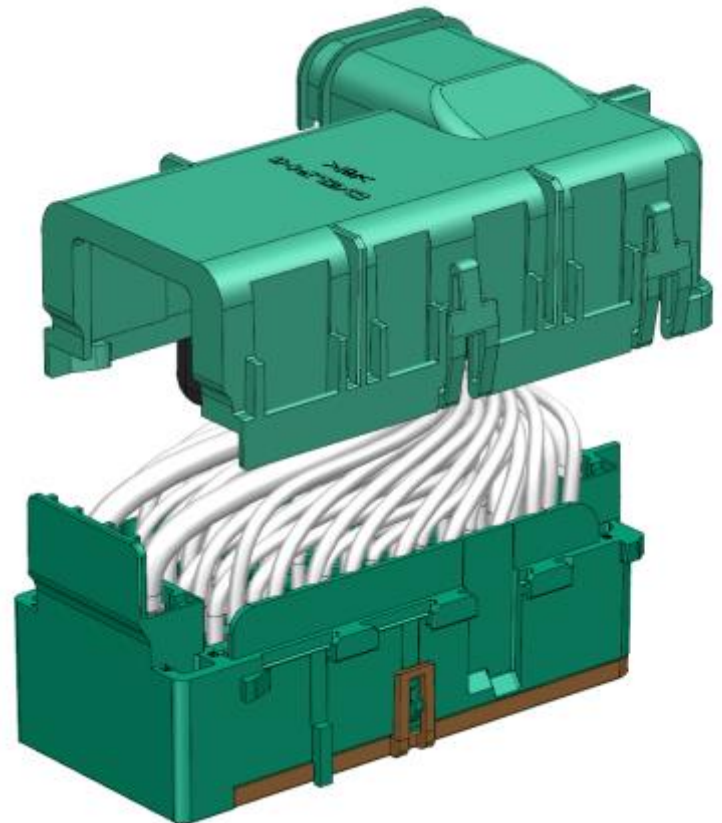
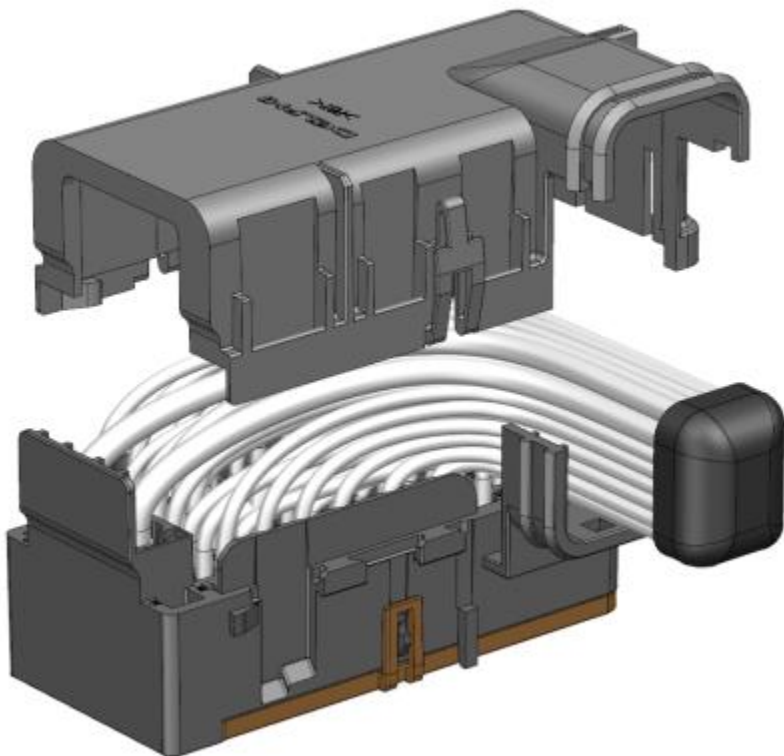
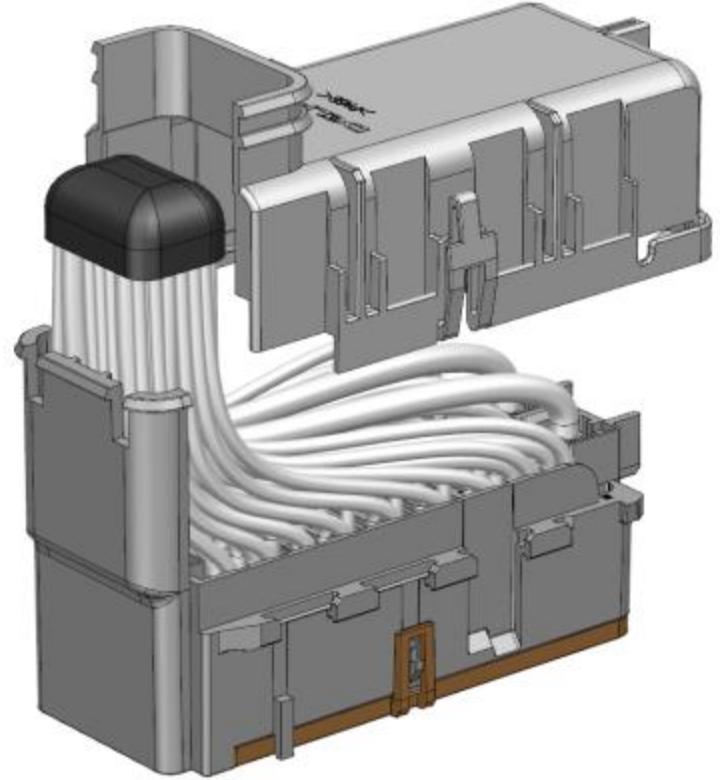
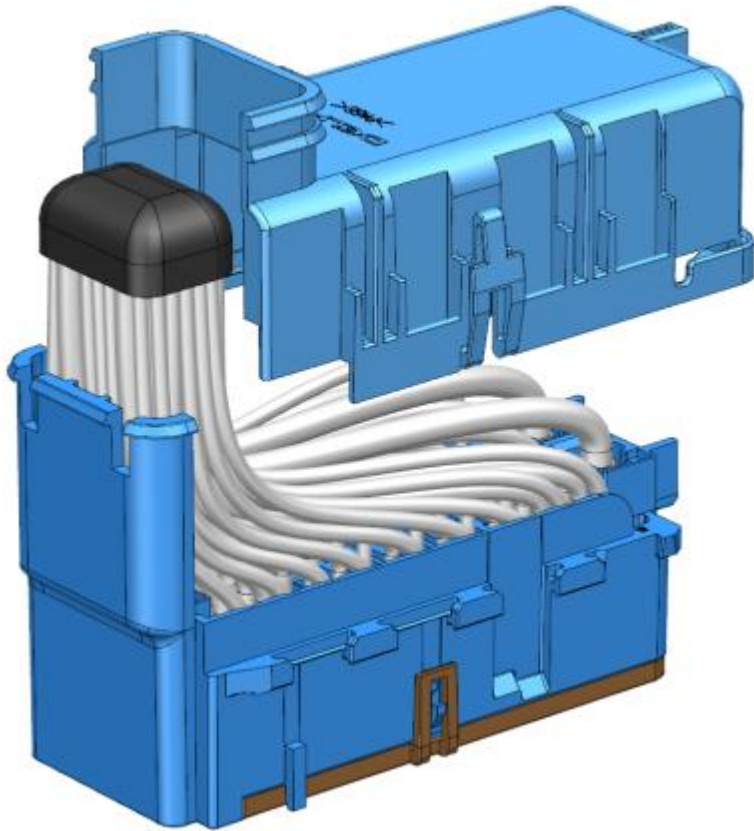


**WIRE TIE COMPLETELY
INSTALLED**

ASSEMBLY

STEP 16 – Identify the Wire Dress Cover for the Assembly

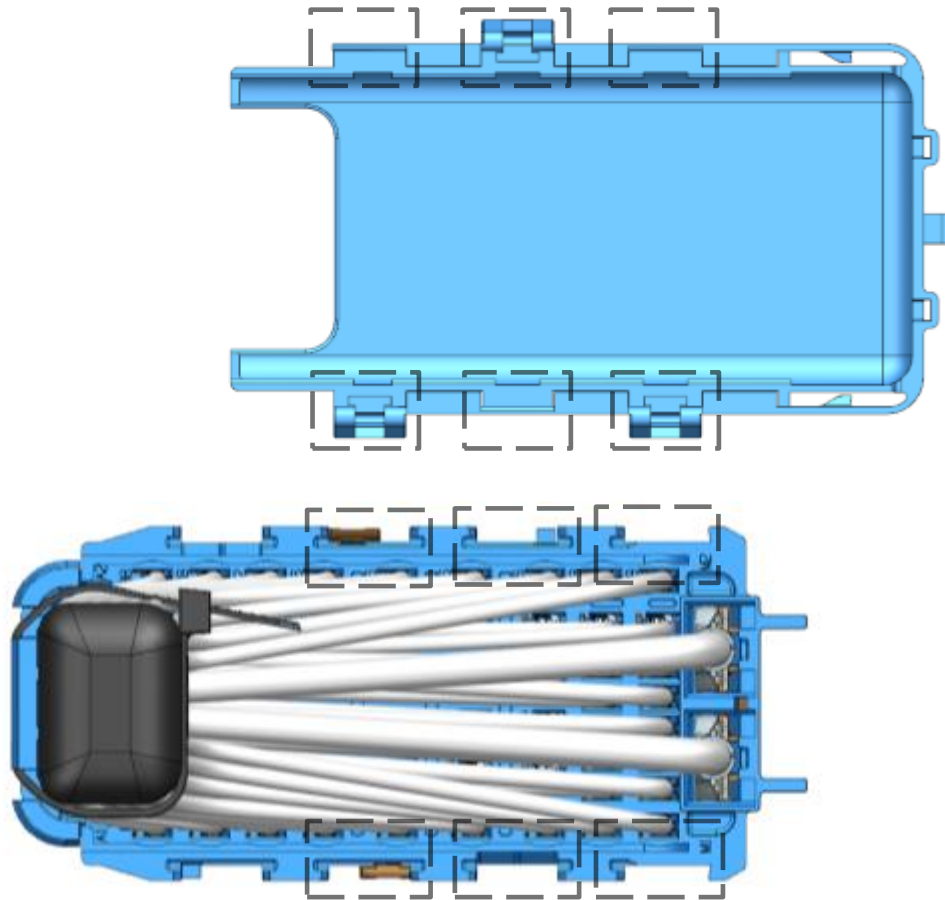
THE COVERS FROM THE 64 WAY CONNECTION ARE MATCHED WITH THEIR RESPECTIVE FEMALE ASSEMBLY BY THE INDEX, COLOR AND OUTPUT DIRECTION OF CABLES



ASSEMBLY

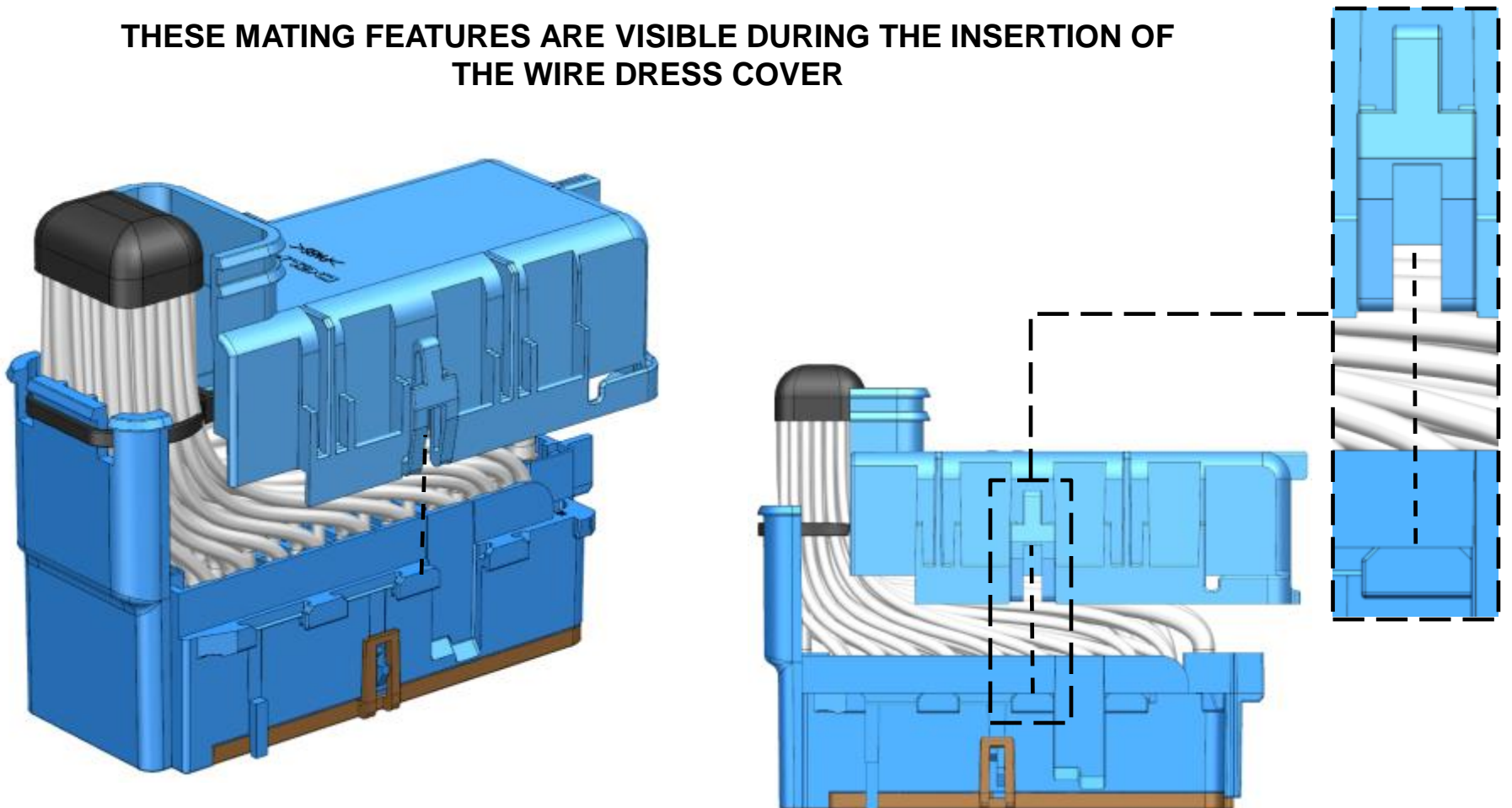
STEP 17a – Insert Wire Dress Cover

IMPORTANT! IF THE INDEXES DON'T LINE UP, DO NOT CONTINUE.



STEP 17b – Insert Wire Dress Cover

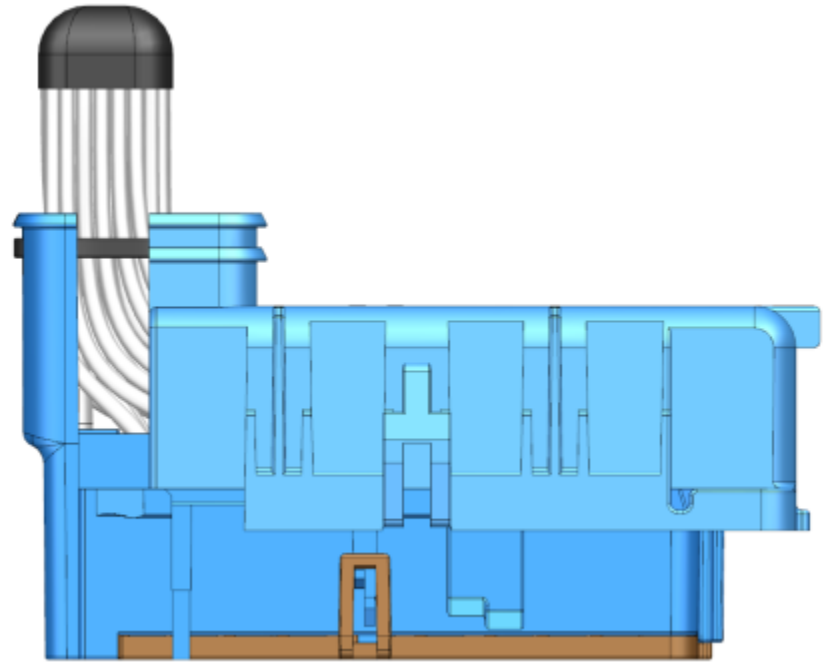
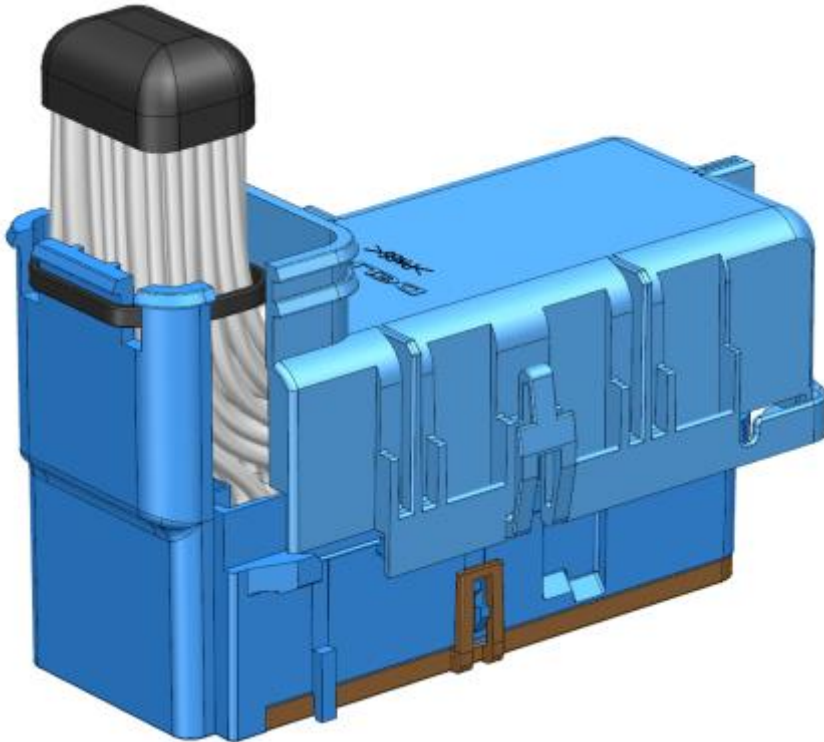
THESE MATING FEATURES ARE VISIBLE DURING THE INSERTION OF THE WIRE DRESS COVER



ASSEMBLY

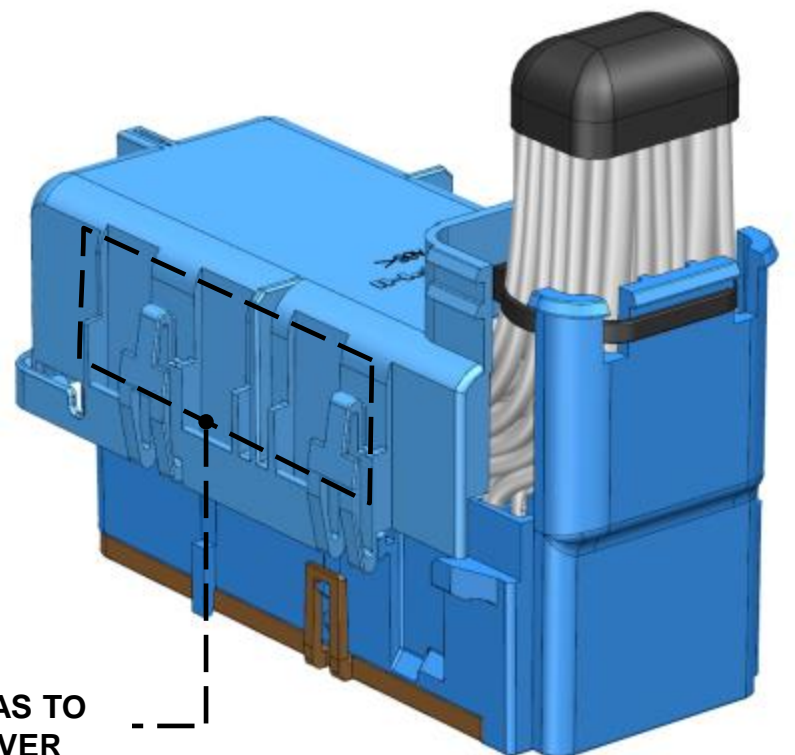
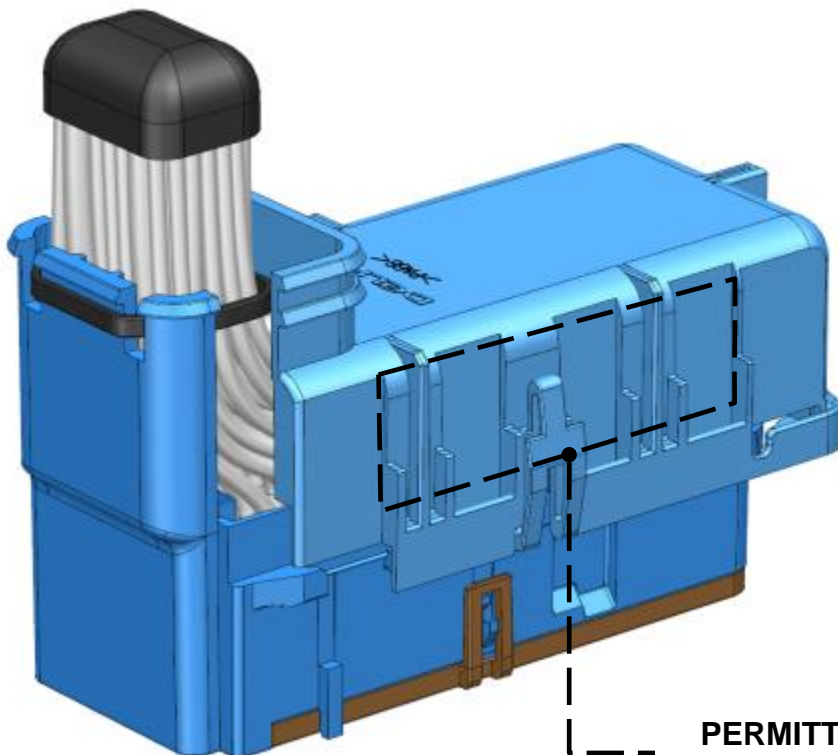
STEP 17c – Insert Wire Dress Cover

AFTER THE COVER IS CORRECTLY PLACED ONTO THE CONNECTOR, PROCEED TO CLOSE THE COVER TO FULL-STAGE



STEP 17d – Insert Wire Dress Cover

WITH THE FINGERS GRASP BOTH SIDES OF THE COVER

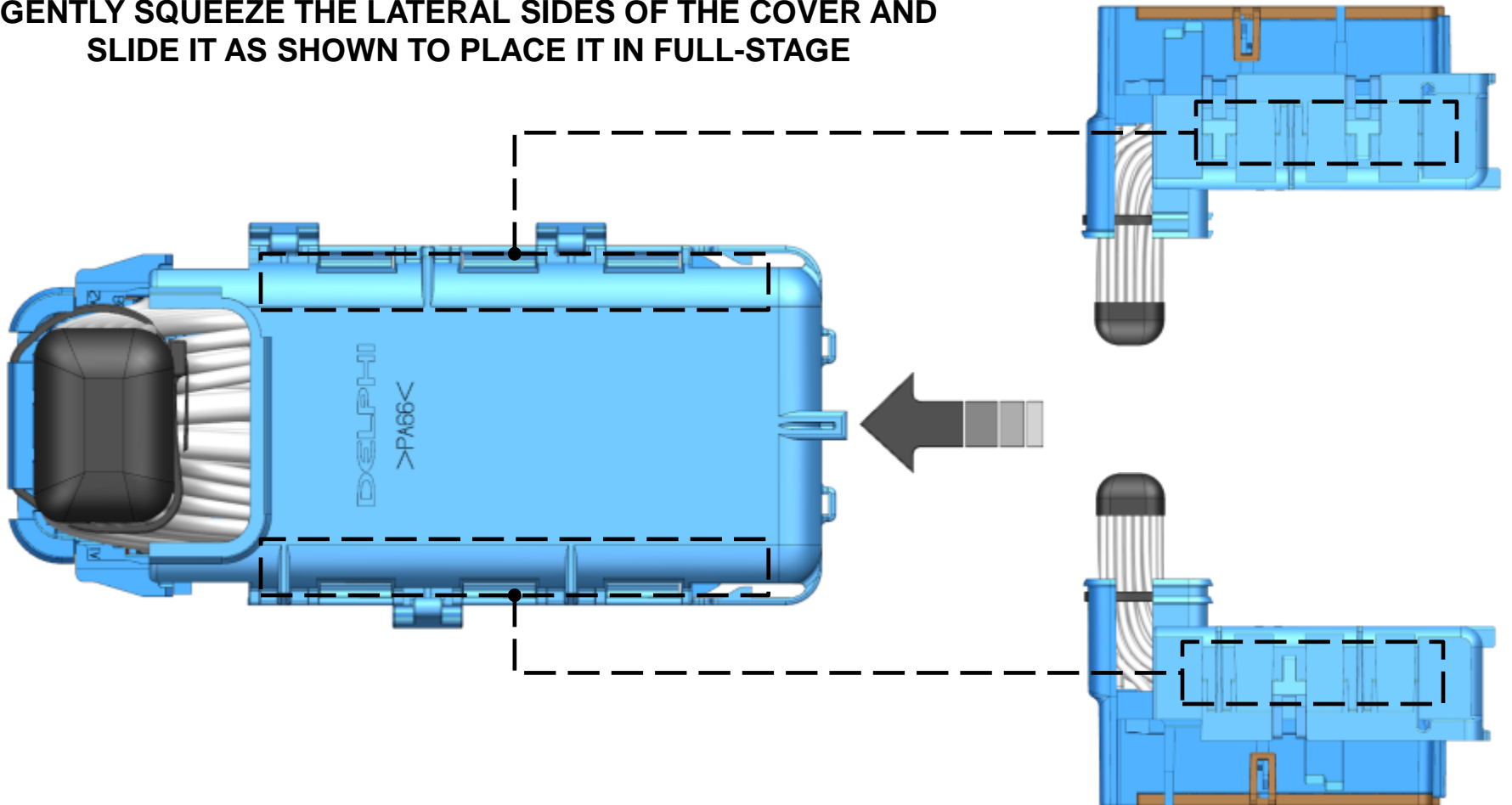


PERMITTED AREAS TO GRASP THE COVER

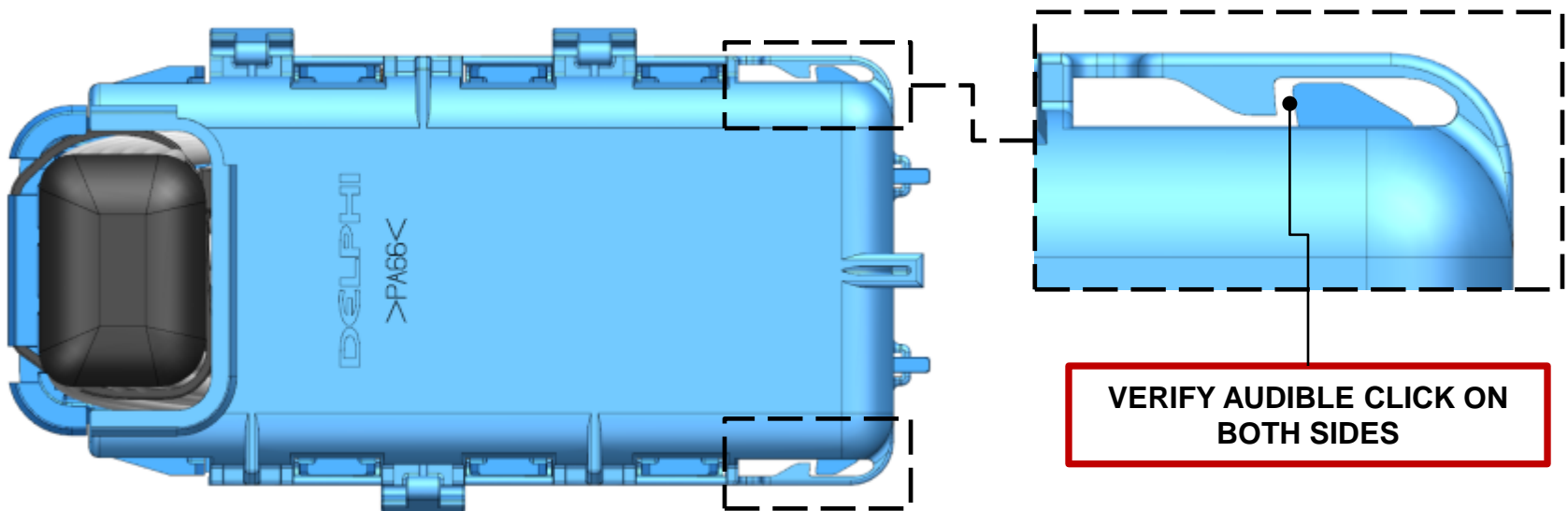
ASSEMBLY

STEP 17e – Insert Wire Dress Cover

GENTLY SQUEEZE THE LATERAL SIDES OF THE COVER AND SLIDE IT AS SHOWN TO PLACE IT IN FULL-STAGE



STEP 17f – Insert Wire Dress Cover



WIRE DRESS COVER IS NOW IN FULL-STAGE POSITION

ASSEMBLY

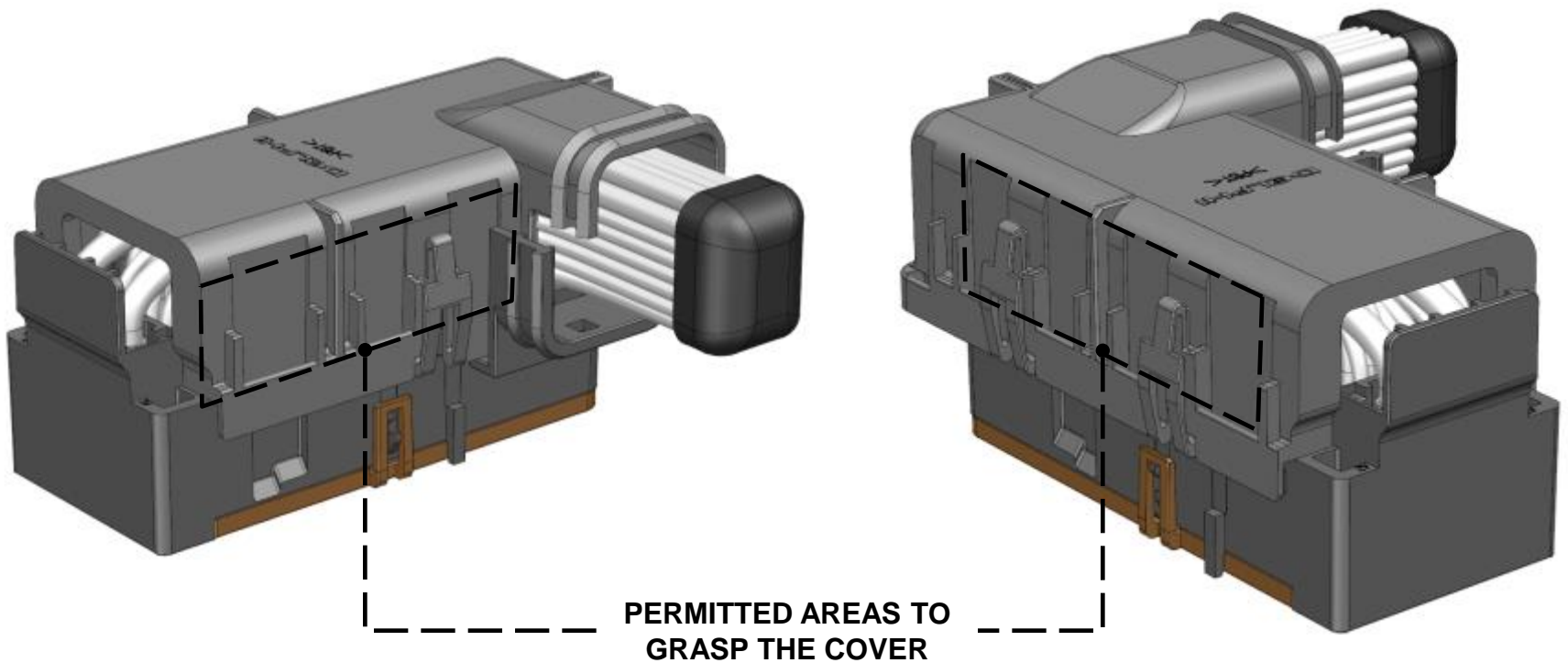
DIFFERENCE

64 Way Connection System

FEMALE RIGHT ANGLE & LEFT ANGLE ASSEMBLIES

STEP 17d – Insert Wire Dress Cover

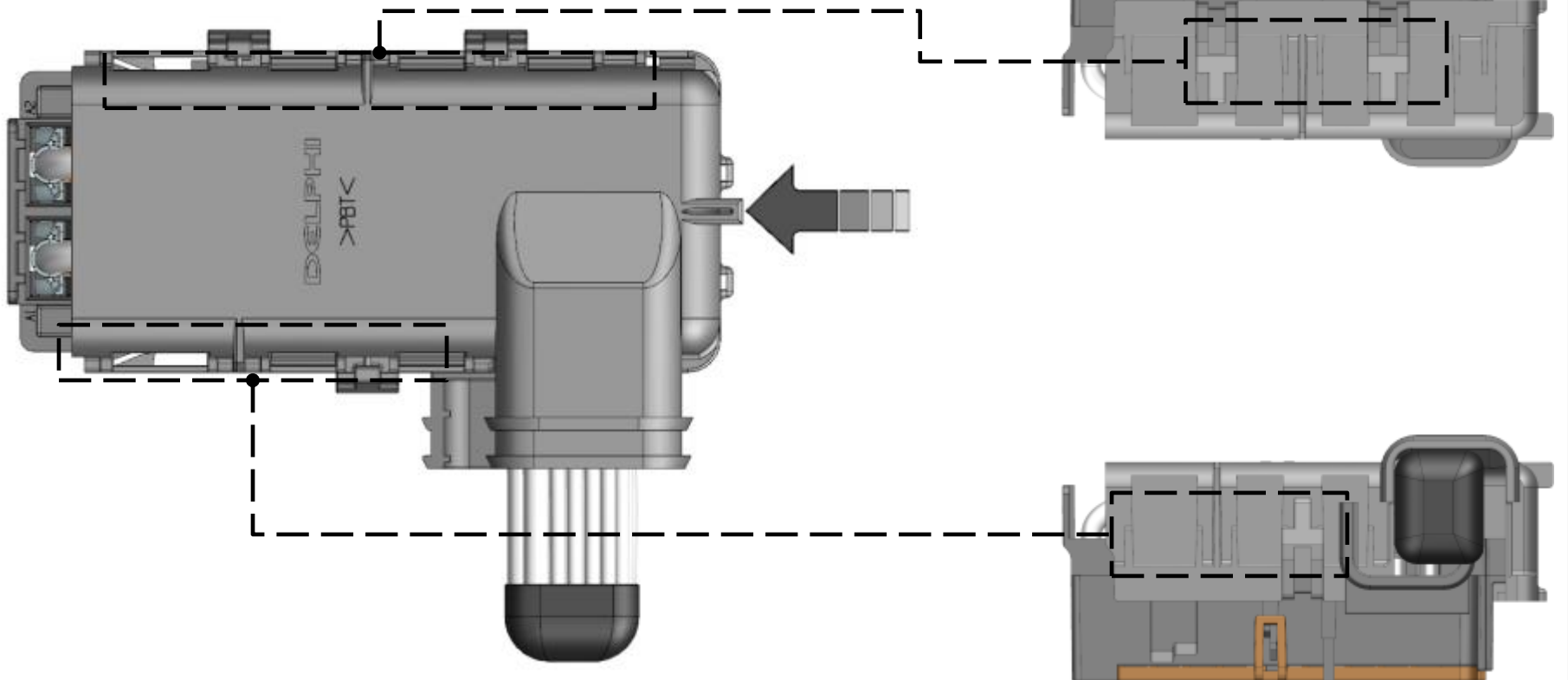
WITH THE FINGERS GRASP BOTH SIDES OF THE COVER



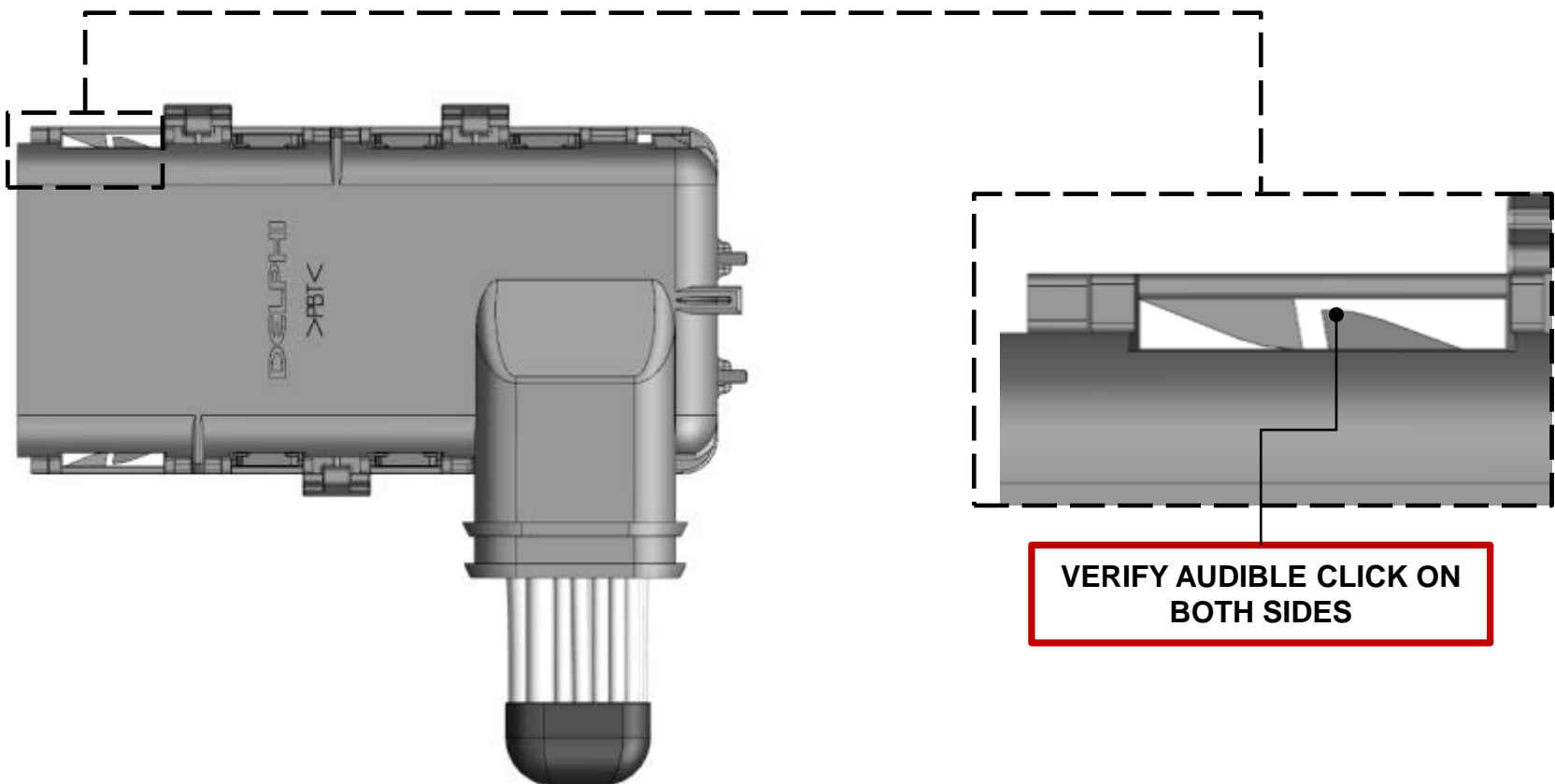
ASSEMBLY

STEP 17e – Insert Wire Dress Cover

GENTLY SQUEEZE THE LATERAL SIDES OF THE COVER AND SLIDE IT AS SHOWN TO PLACE IT IN FULL-STAGE



STEP 17f – Insert Wire Dress Cover

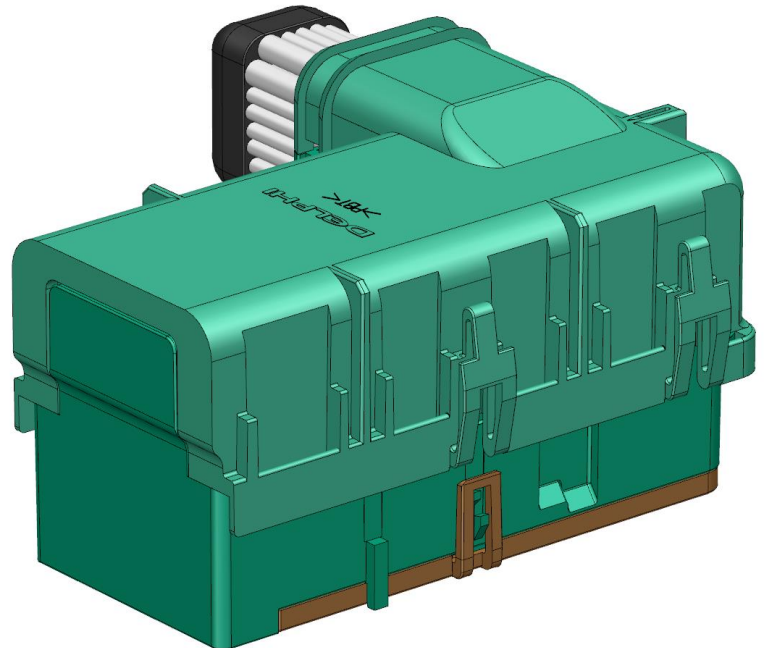
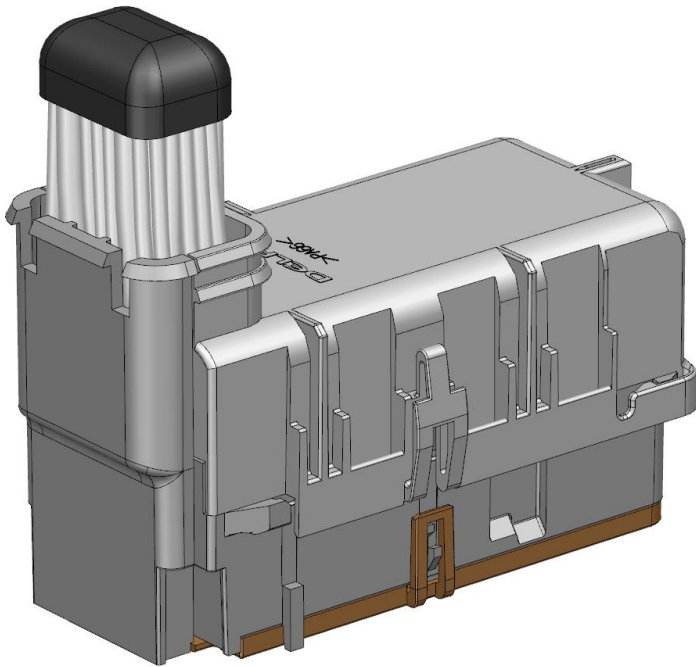
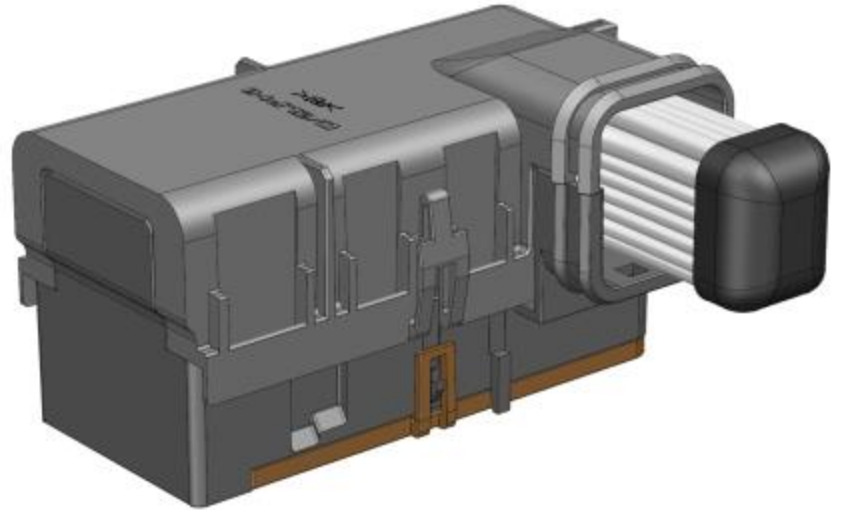
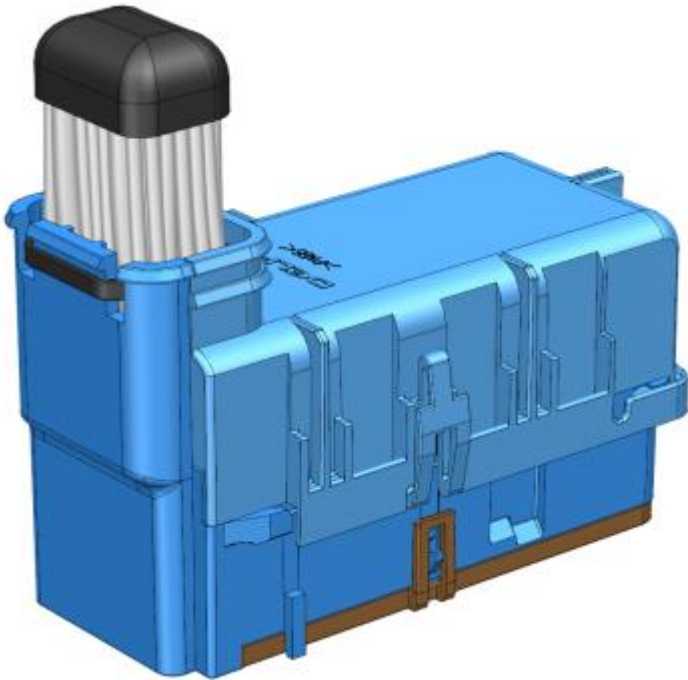


VERIFY AUDIBLE CLICK ON BOTH SIDES

COVER WIRE DRESS IS NOW IN FULL-STAGE POSITION

ASSEMBLY

FEMALE HARNESS – COMPLETED HARNESS ASSEMBLY



ASSEMBLY

**ASSEMBLY OF THE
CONNECTION SYSTEM**

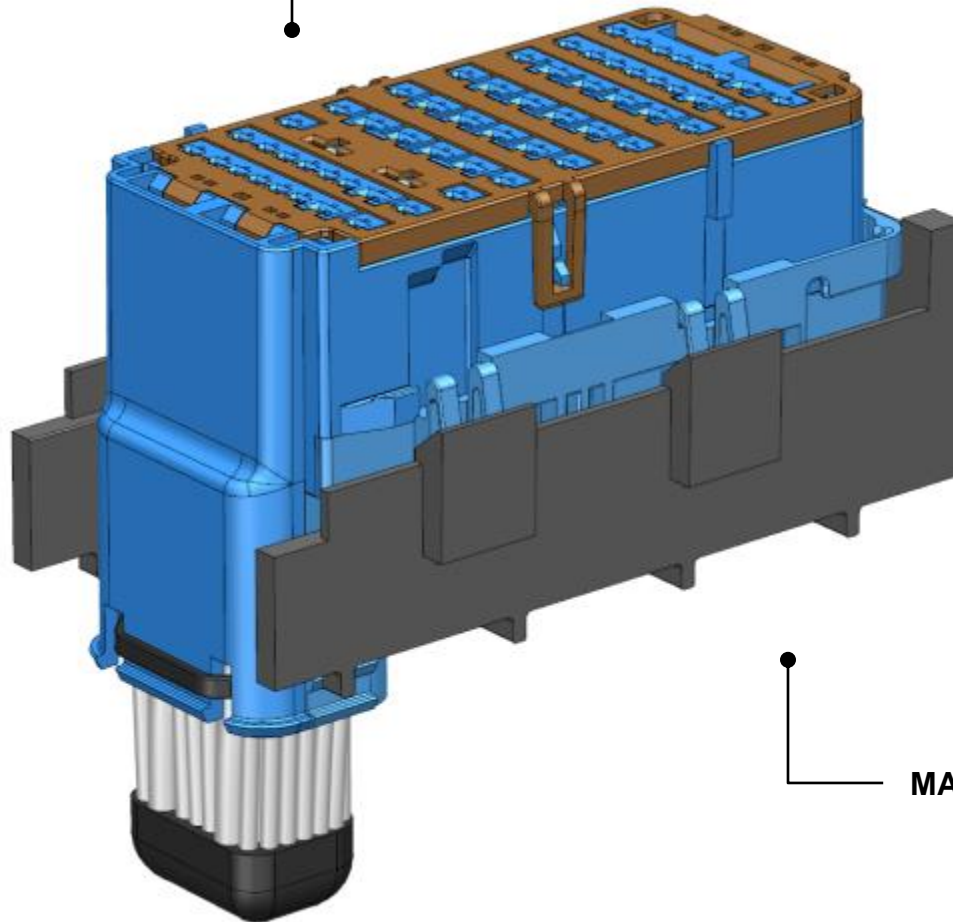
PRE - ASSEMBLY

HARNESS ASSEMBLY

CAR ASSEMBLY

64 Way Connection System

FEMALE ASSEMBLY



MATING HEADER

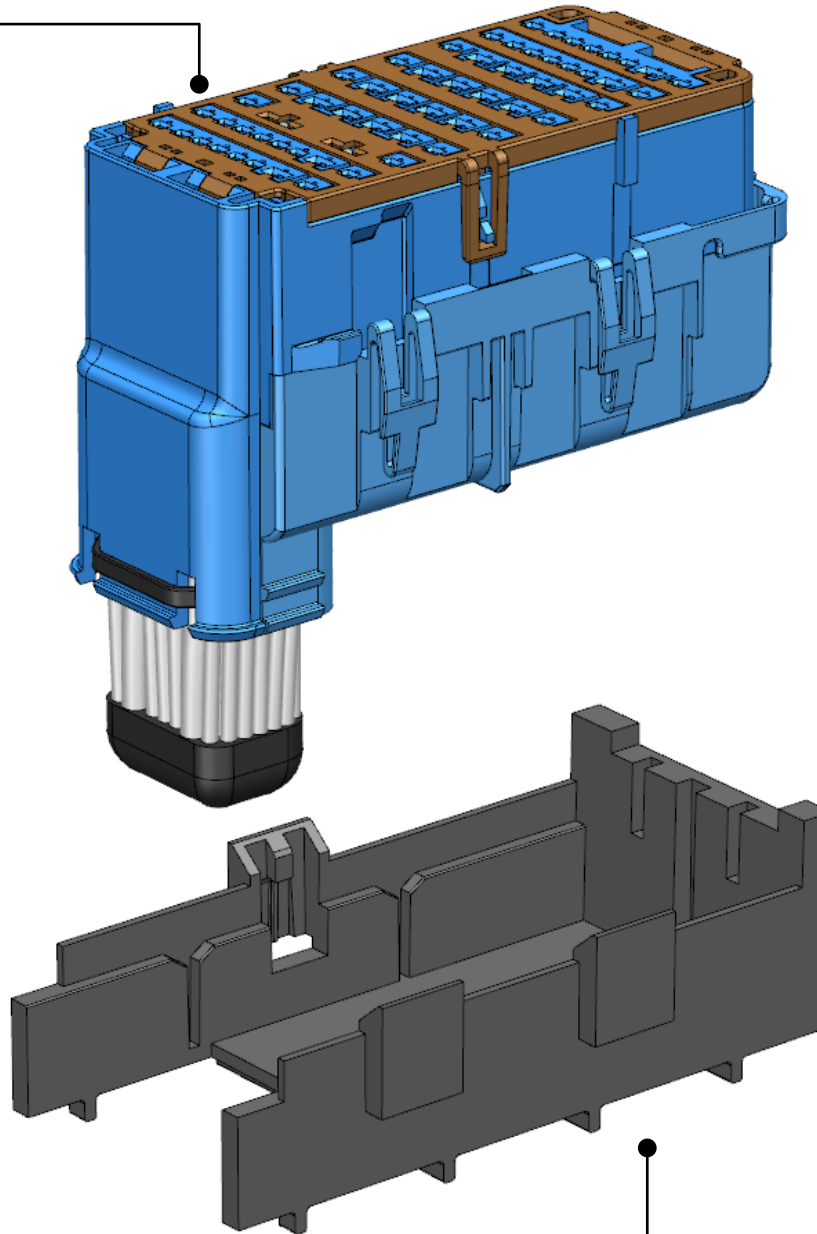
ASSEMBLY

LIST OF COMPONENTS

QUANTITY	COMPONENTS OF 64 WAY CONNECTION SYSTEM
1	FEMALE ASSEMBLY
1	MATING HEADER

EXPLODED COMPONENTS

FEMALE ASSEMBLY



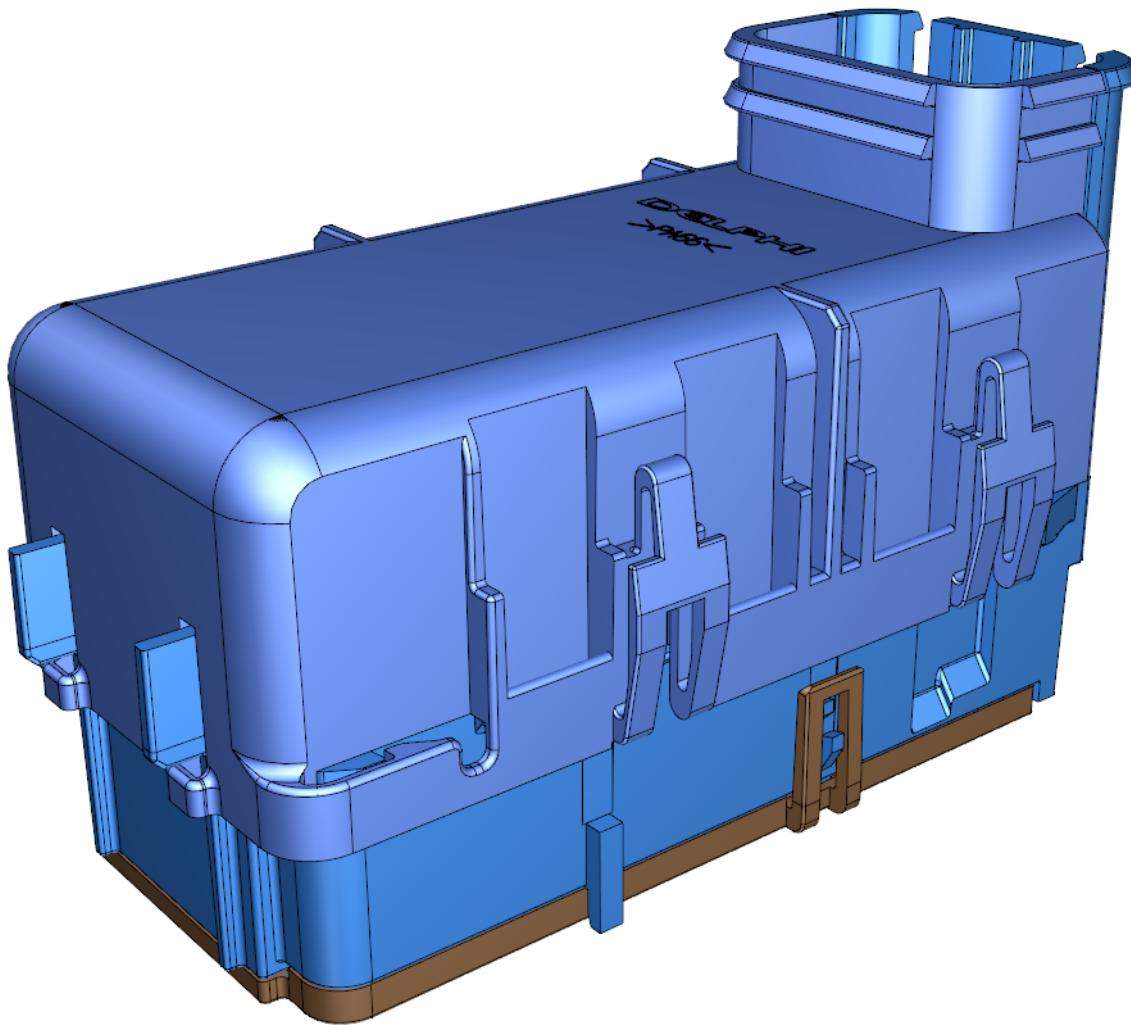
MATING HEADER

Pictures used in this Assembly Manual and original parts may differ in some details. These differences have no influence on the assembly process.

ASSEMBLY

3D MODEL VIEW

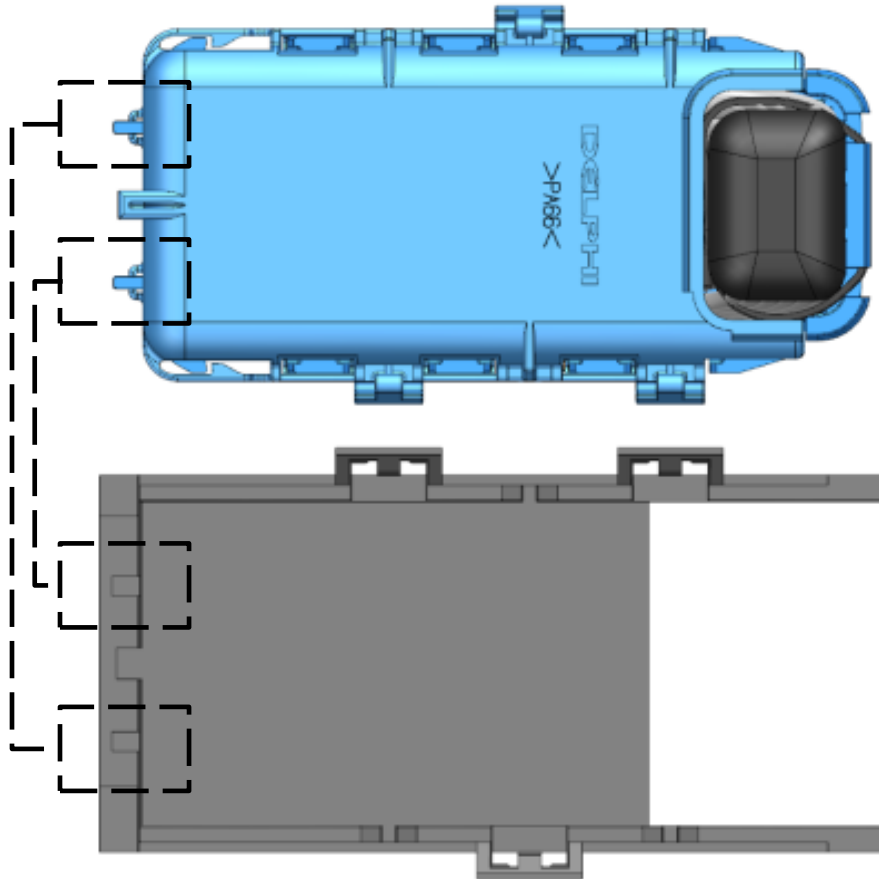
**CLICK IMAGE TO START
3D VISUALIZATION**



ASSEMBLY

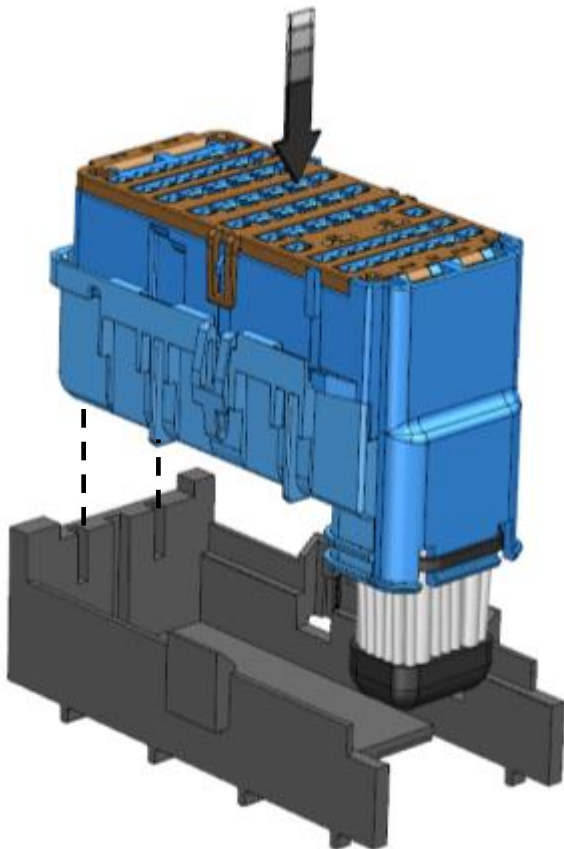
STEP 1 – Identify Index Features

IMPORTANT! IF THE INDEXES DON'T LINE UP, DO NOT CONTINUE.

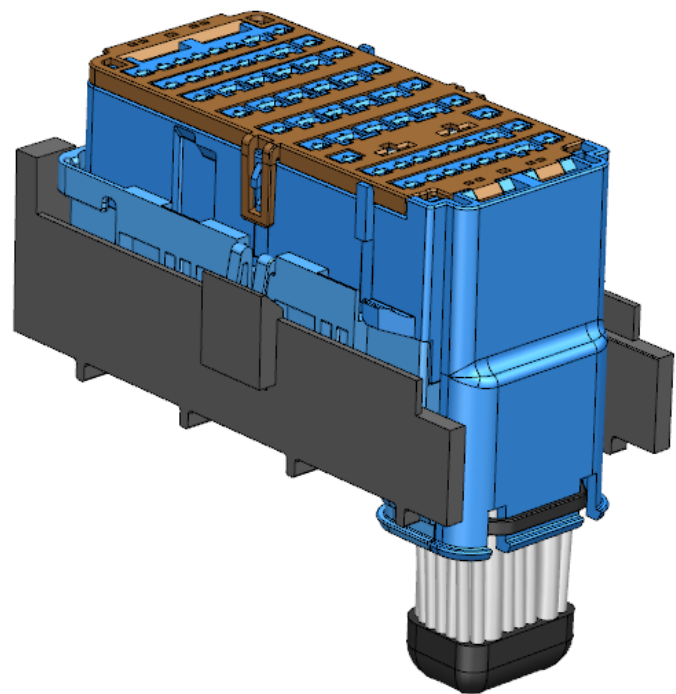


STEP 2a – Mate Female Assembly and Mating Header Together Axially

PUSH THE FEMALE ASSEMBLY ONTO THE HEADER



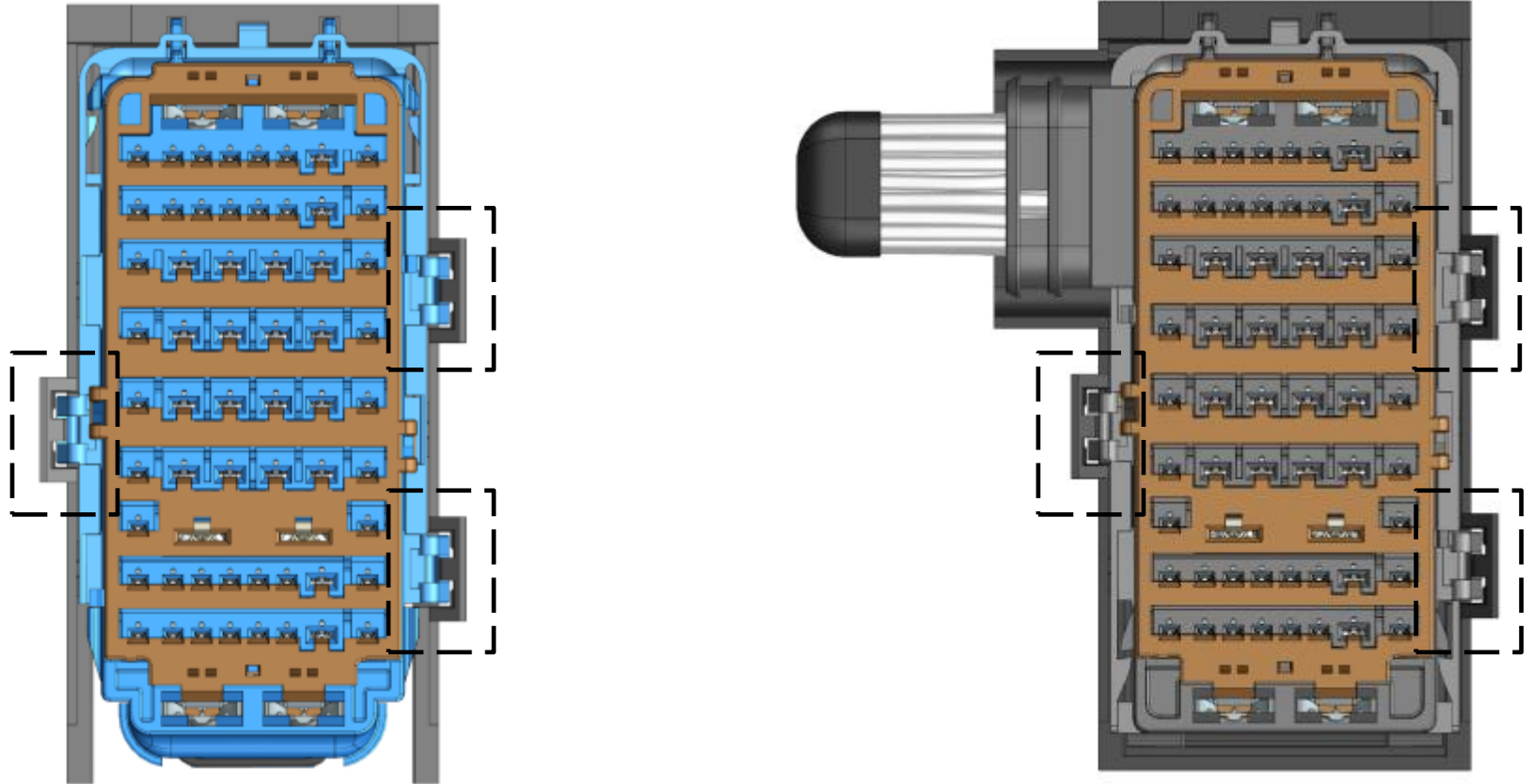
VERIFY AUDIBLE CLICK ON THE THREE LOCKS



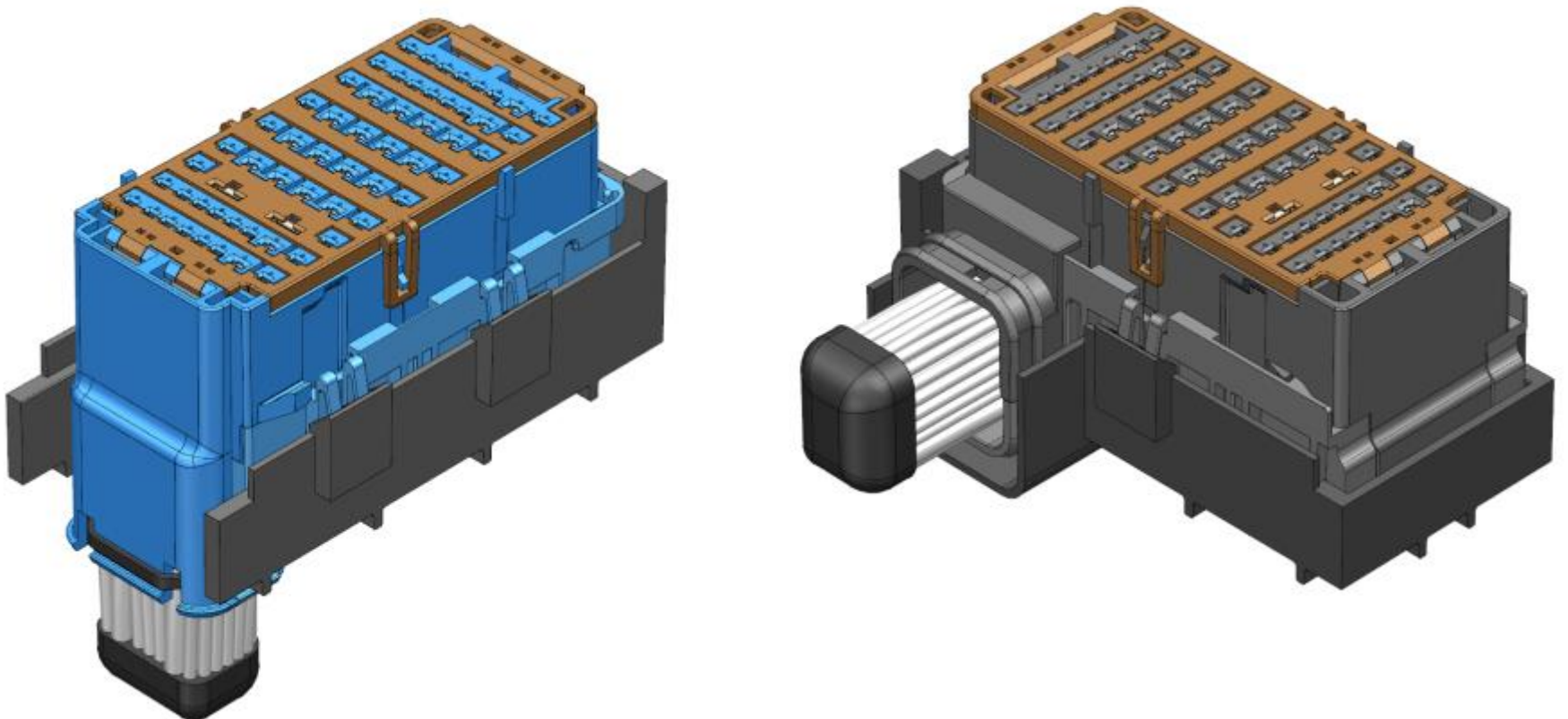
ASSEMBLY

STEP 2b – Mate Female Assembly and Mating Header Together Axially

VERIFY THAT THE THREE LOCKS ON EACH SYSTEM ARE PROPERLY FASTENED



CONNECTION SYSTEM – COMPLETED ASSEMBLY



DISASSEMBLY

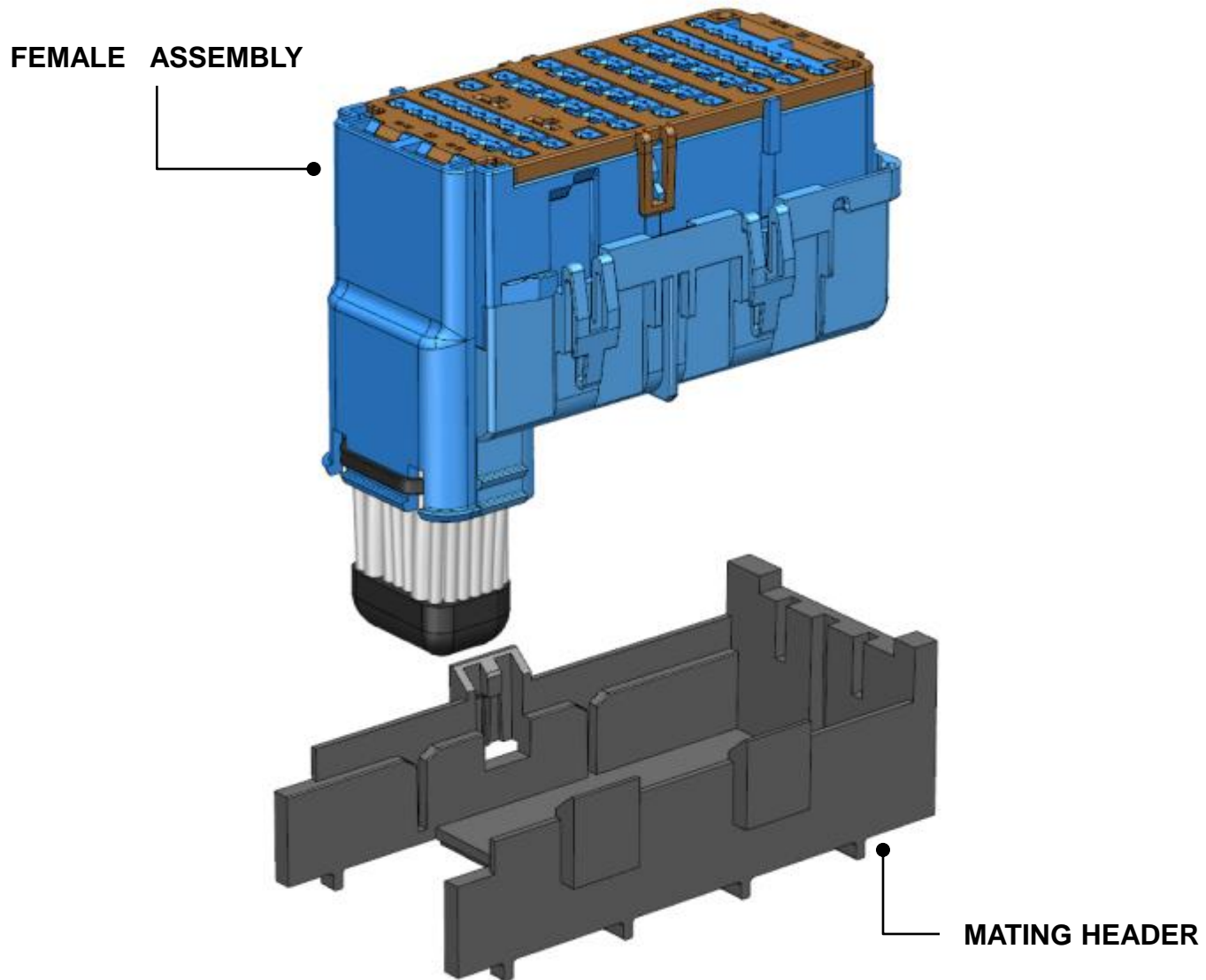
DISASSEMBLY OF THE CONNECTION SYSTEM

PRE - ASSEMBLY

HARNESS ASSEMBLY

CAR ASSEMBLY

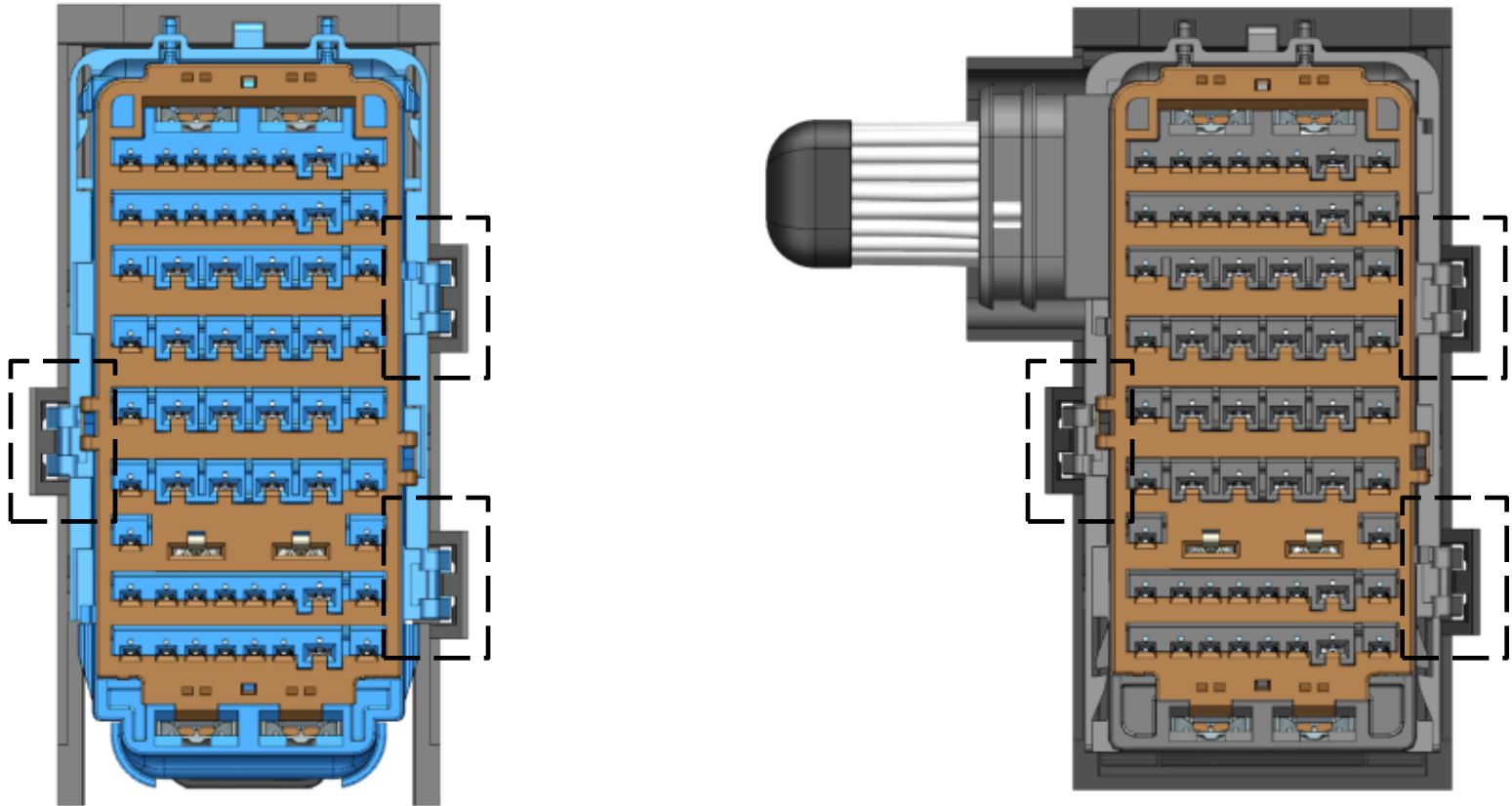
64 Way Connection System



DISASSEMBLY

STEP 1a – Disconnect

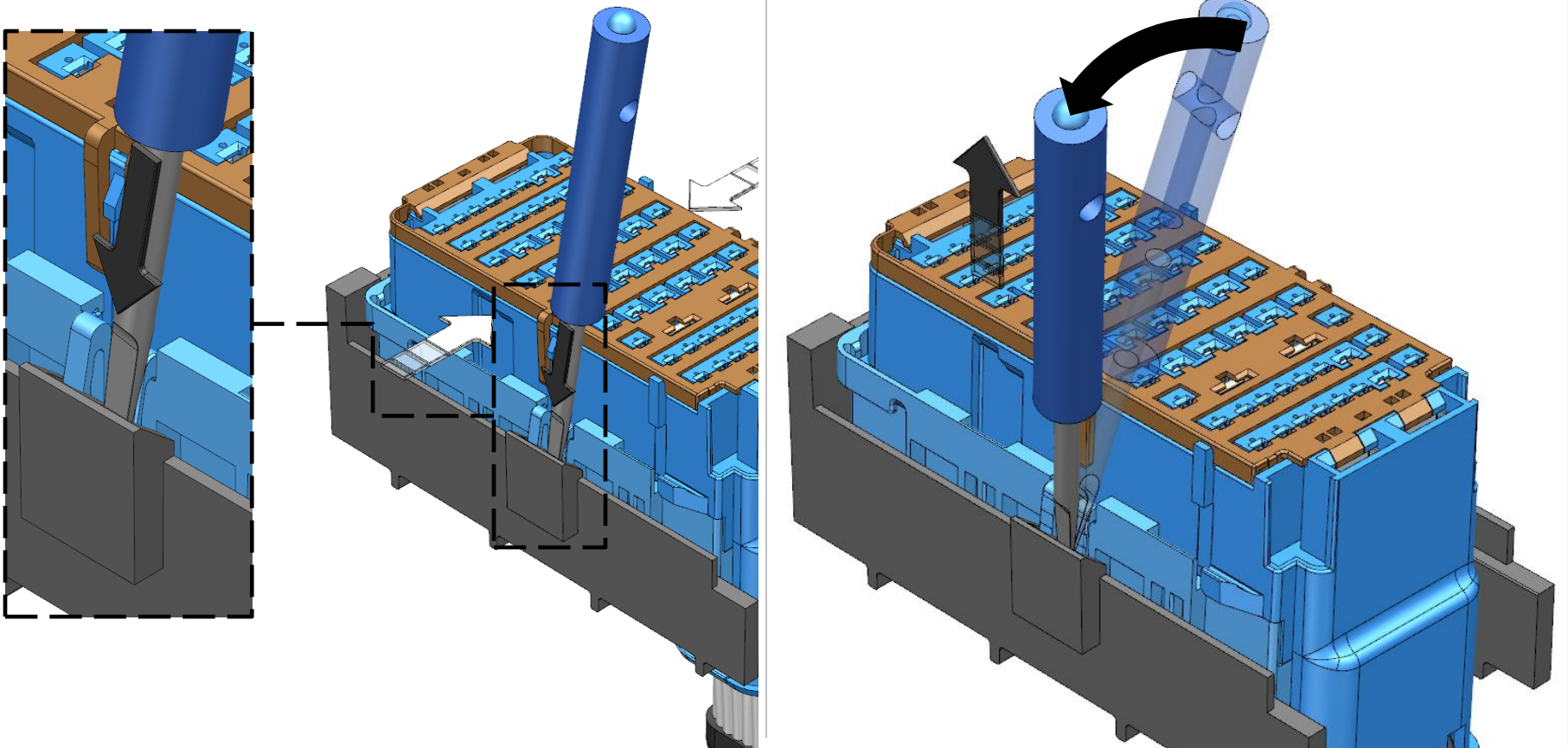
IDENTIFY THE THREE MATING LOCKS FASTENING THE ASSEMBLY, ALL ASSEMBLIES SHARE THE SAME METHOD OF DISASSEMBLY REGARDLESS THEIR DIFFERENCES



STEP 1b – Disconnect

HOLD THE CONNECTOR AND PLACE THE TOOL 12150860 BETWEEN THE HEADER AND THE LOCK

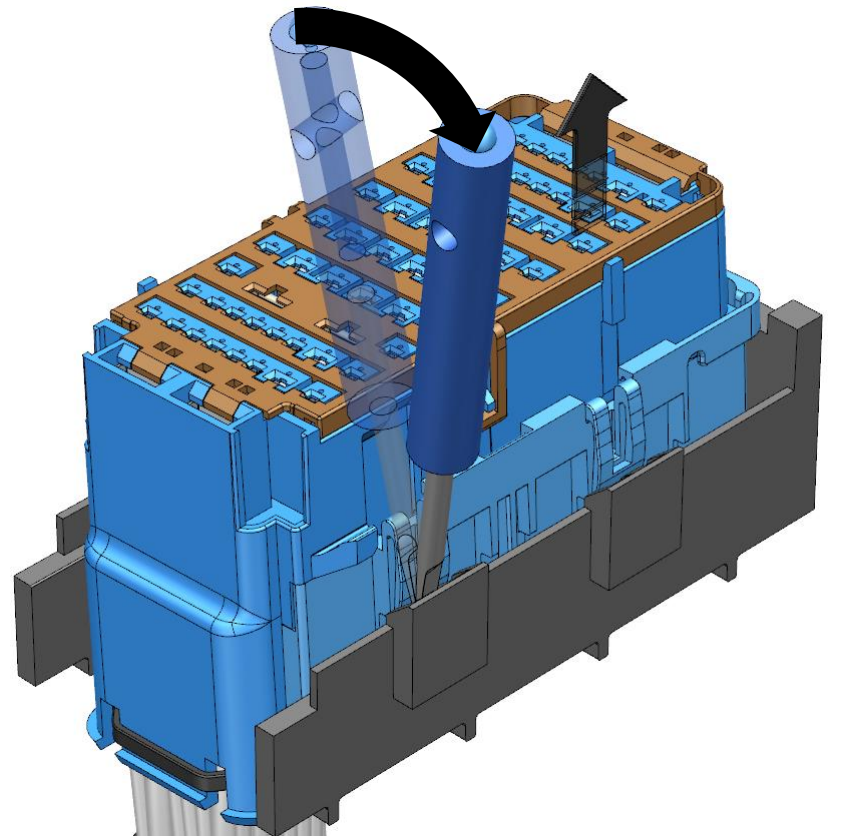
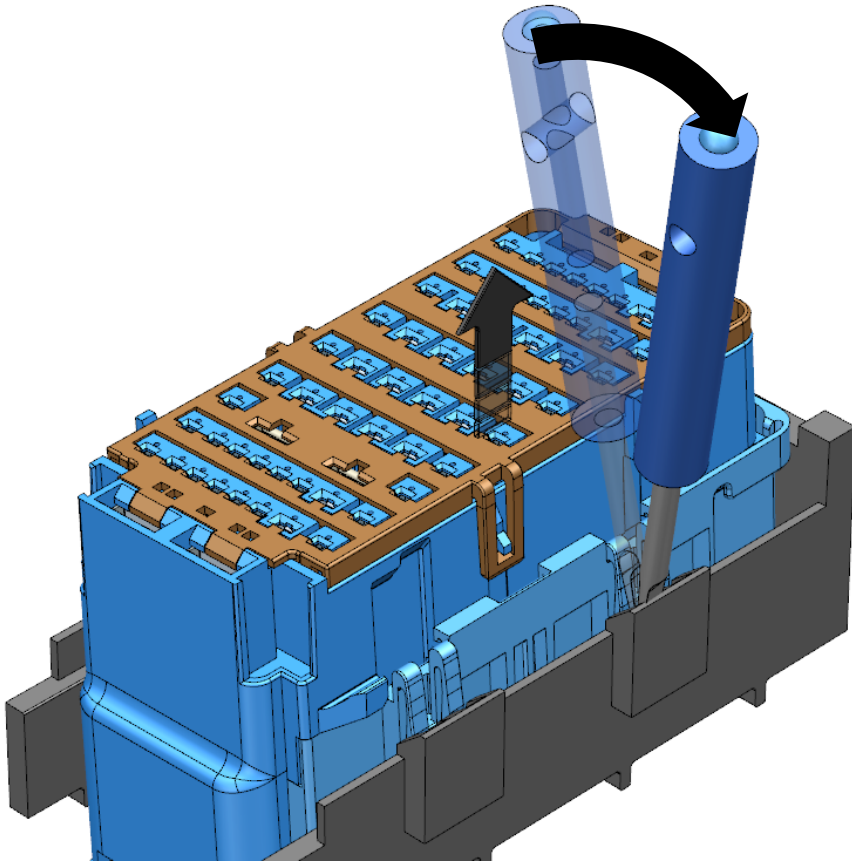
DEFLECT THE LOCK AND LIFT THAT SIDE OF THE CONNECTOR TO RELEASE IT



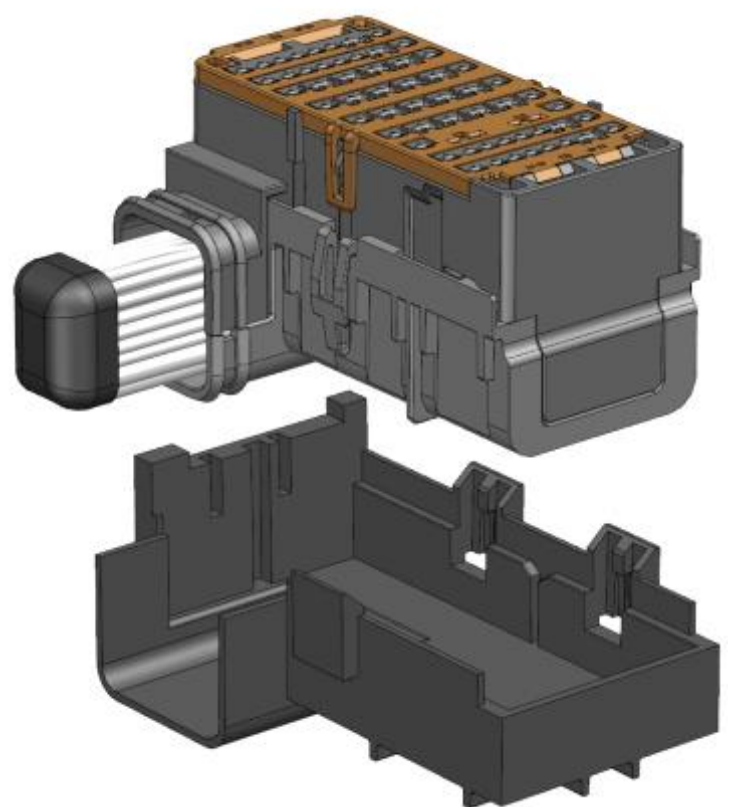
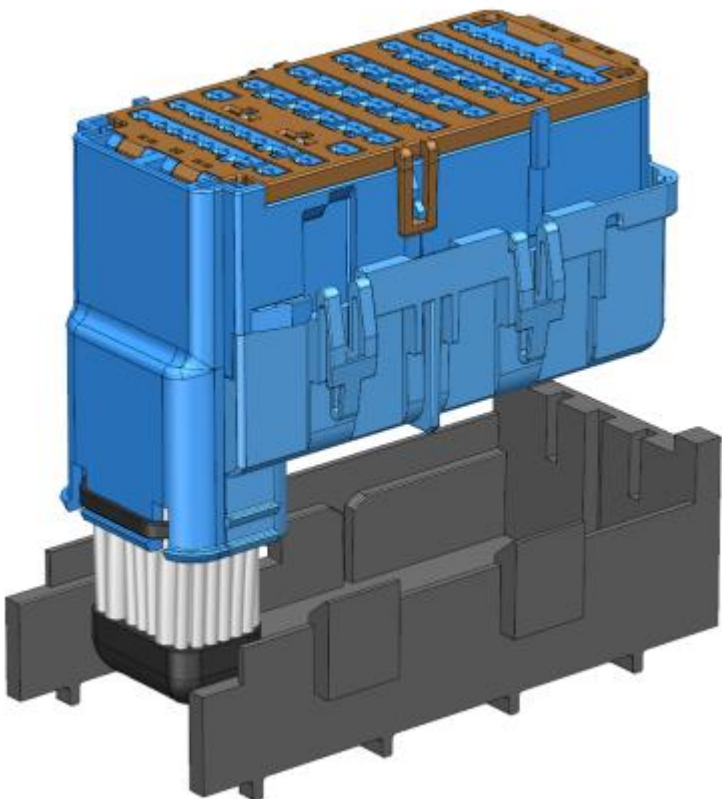
DISASSEMBLY

STEP 1c – Disconnect

KEEP PULLING BACK THE CONNECTOR AND RELEASE THE OTHER TWO LOCKS
THEN REMOVE THE CONNECTOR COMPLETELY FROM THE HEADER



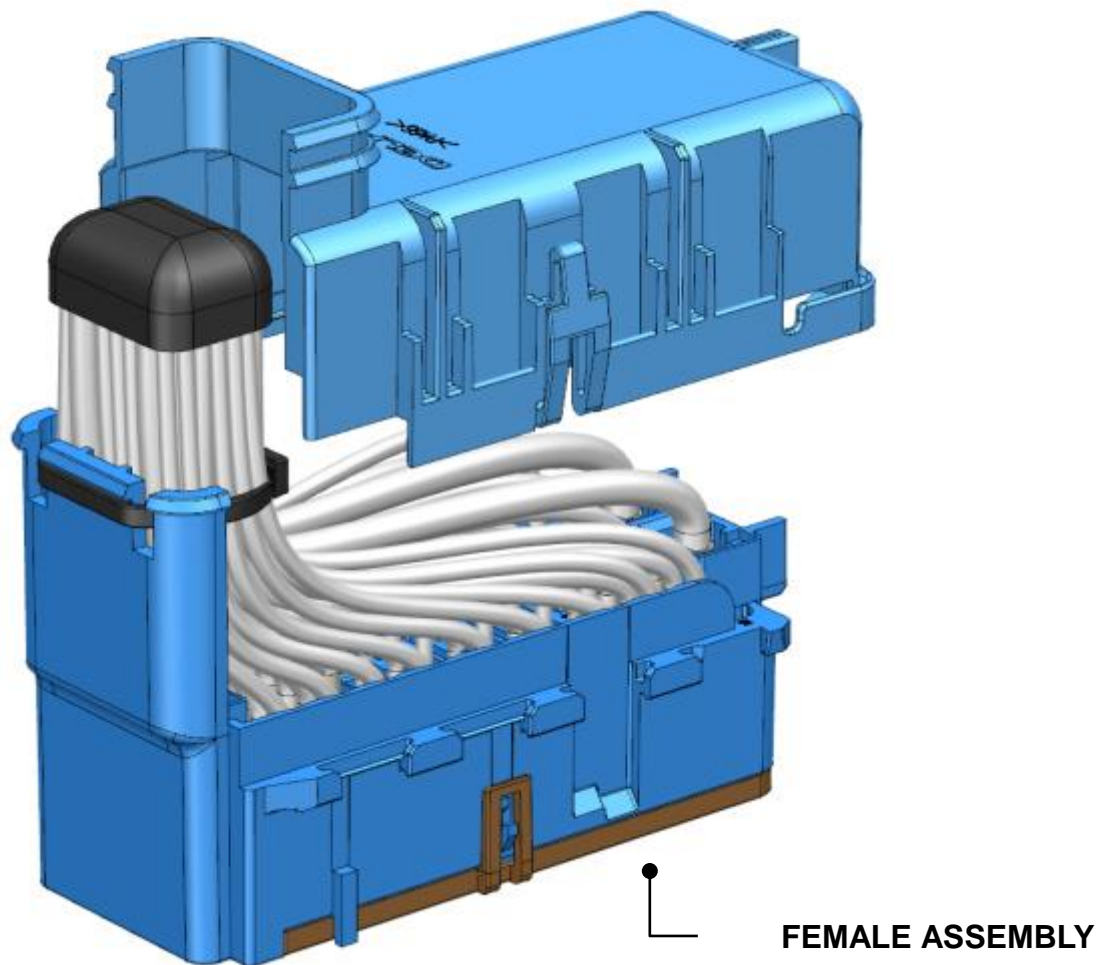
CONNECTION SYSTEM – COMPLETED DISASSEMBLY



REPAIR / REPLACEMENT

REPAIR / REPLACEMENT OF THE FEMALE ASSEMBLY

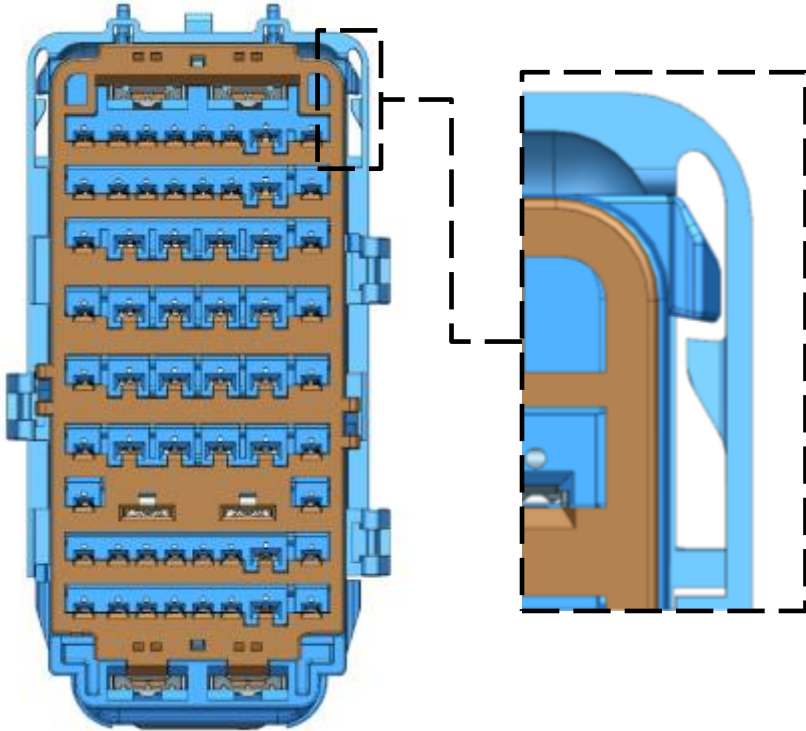
64 Way Connection System



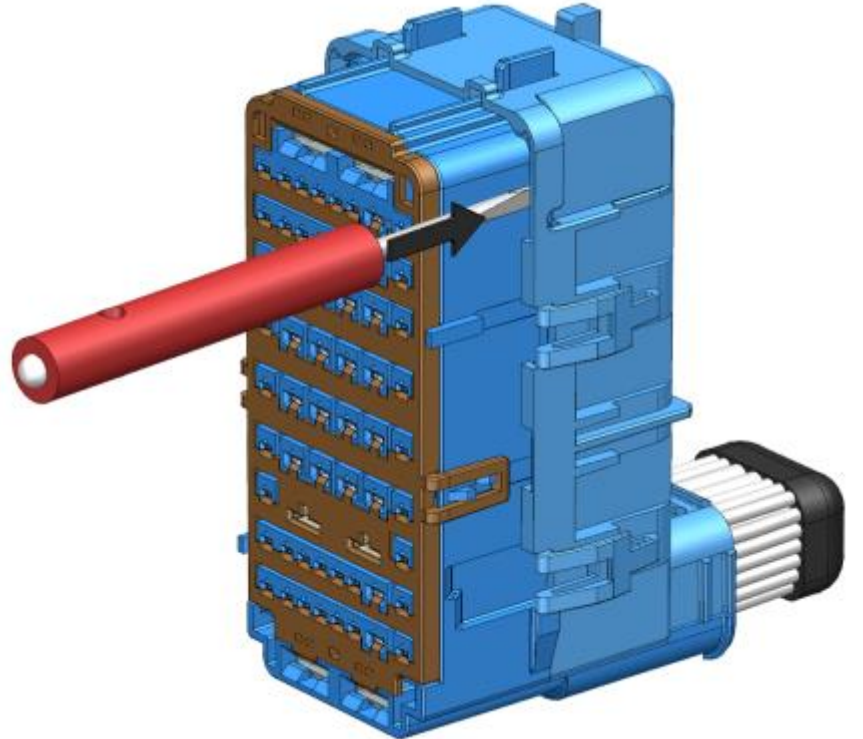
REPAIR / REPLACEMENT

Wire Dress Cover Replacement – STEP 1a (Remove)

LOCATE THE LOCKS TO RELEASE THE COVER

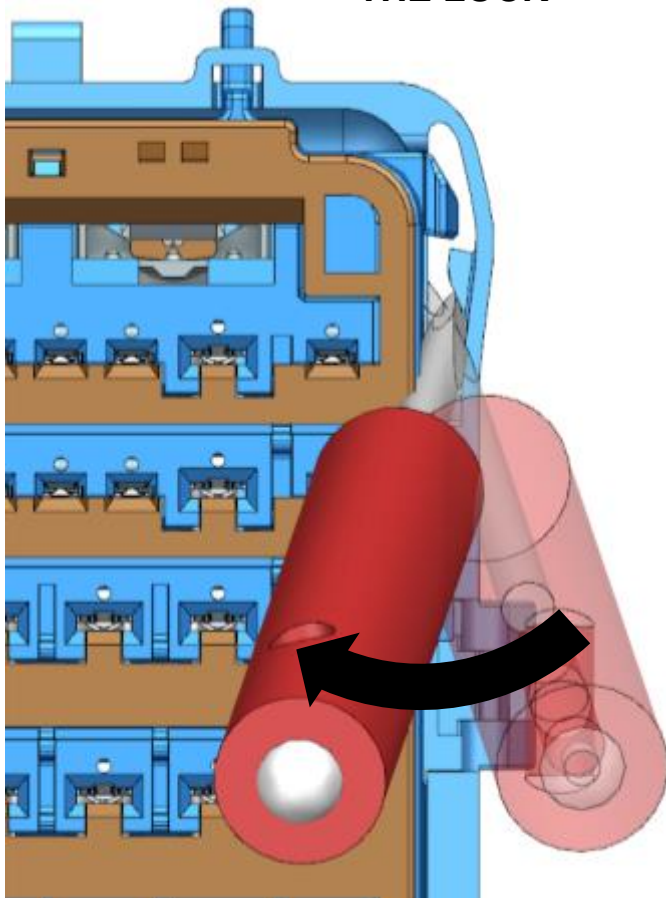


INSERT THE TOOL 12094441 BETWEEN THE FEMALE CONNECTOR AND WIRE DRESS COVER

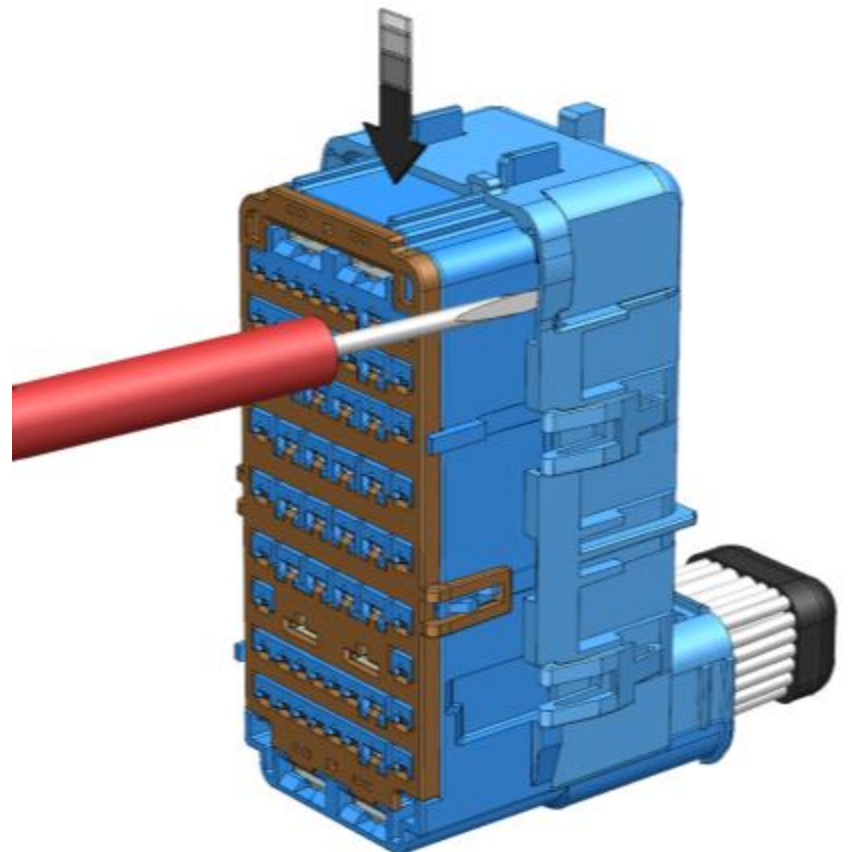


Wire Dress Cover Replacement – STEP 1b (Remove)

CAREFULLY ROTATE THE TOOL TO DEFLECT THE LOCK



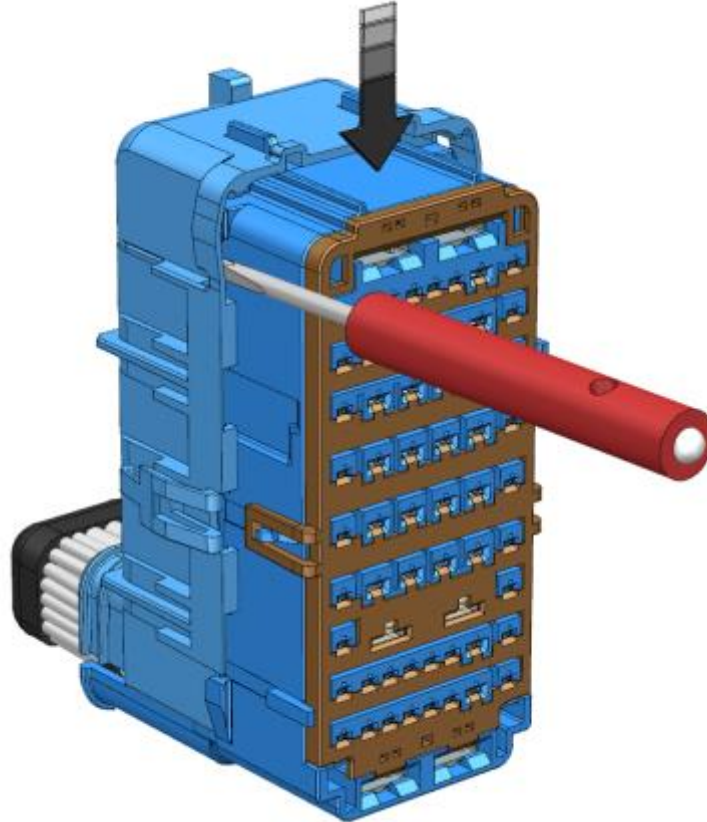
WHILE THE LOCK IS DEFLECTED, PUSH DOWN THE CONNECTOR



REPAIR / REPLACEMENT

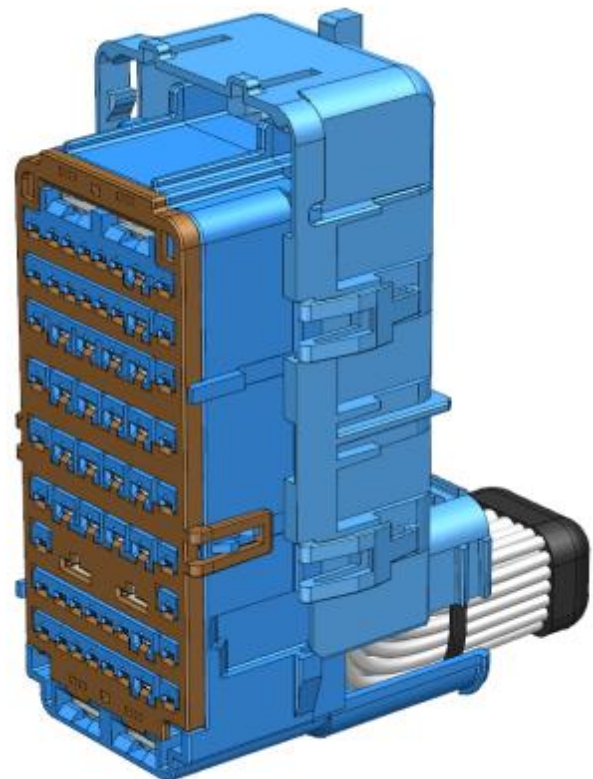
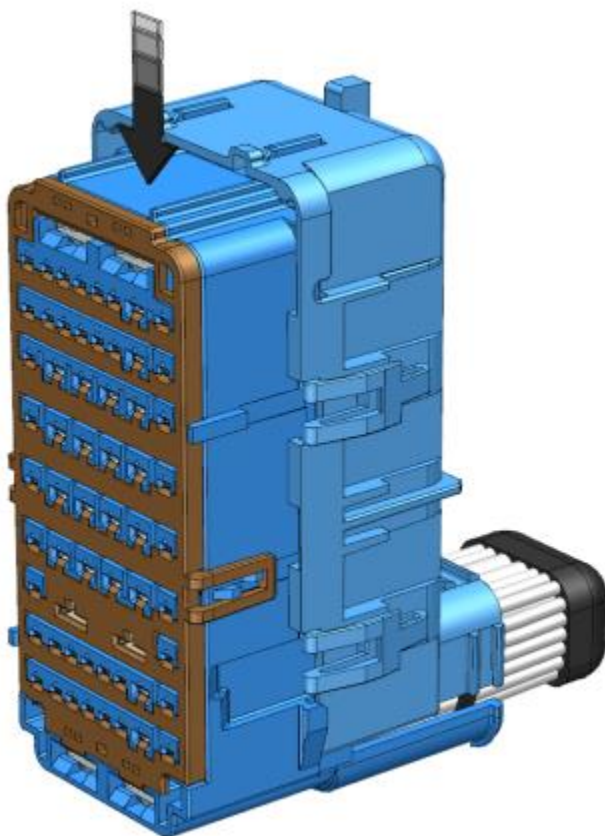
Wire Dress Cover Replacement – STEP 1c (Remove)

KEEP PUSHING DOWN THE CONNECTOR AND PROCEED TO RELEASE THE OTHER LOCK OF THE COVER



Wire Dress Cover Replacement – STEP 1d (Remove)

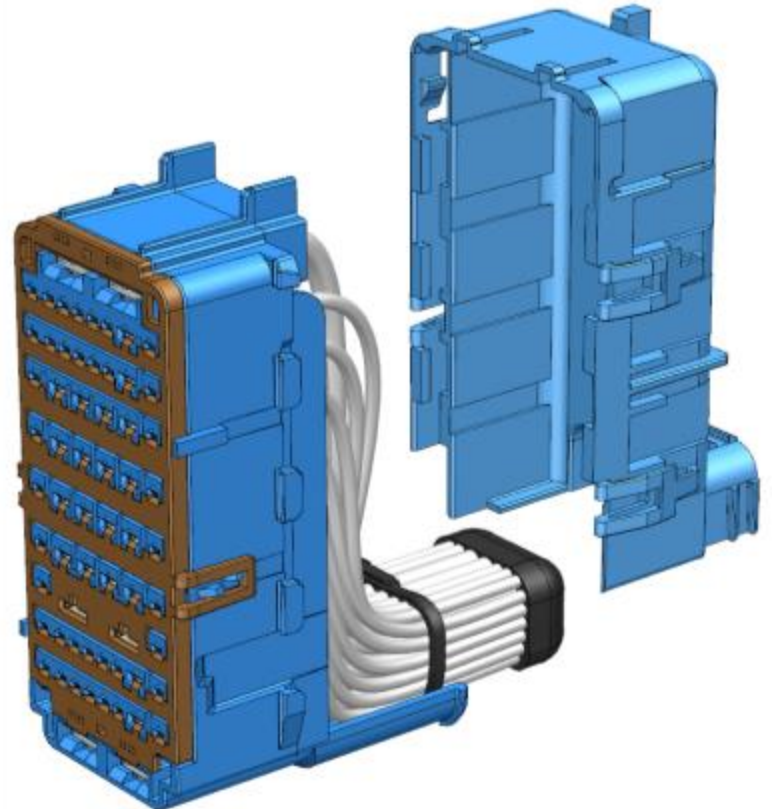
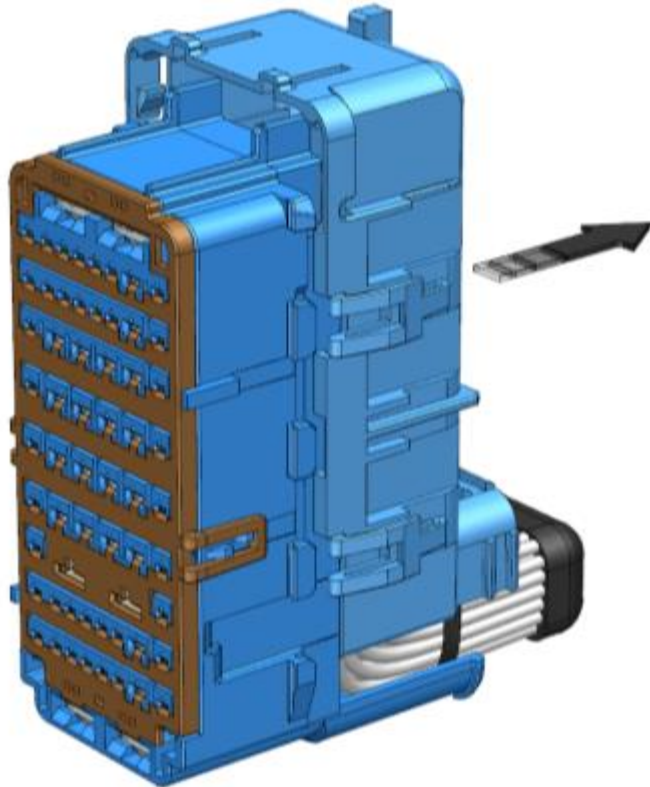
WHEN BOTH LOCKS ARE DEFLECTED, THE COVER IS RELEASED FROM ITS FULL-STAGE POSITION



REPAIR / REPLACEMENT

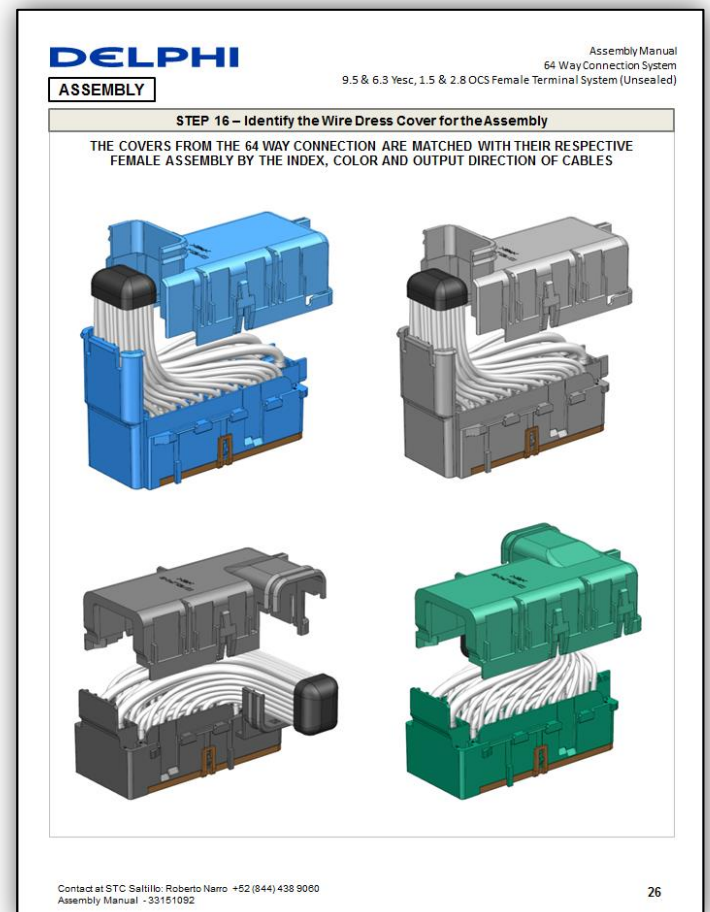
Wire Dress Cover Replacement – STEP 1e (Remove)

THEN REMOVE THE COVER FROM THE ASSEMBLY



Wire Dress Cover Replacement – STEP 2 (Install)

REFER TO HARNESS
MANUAL SECTION



REPAIR / REPLACEMENT

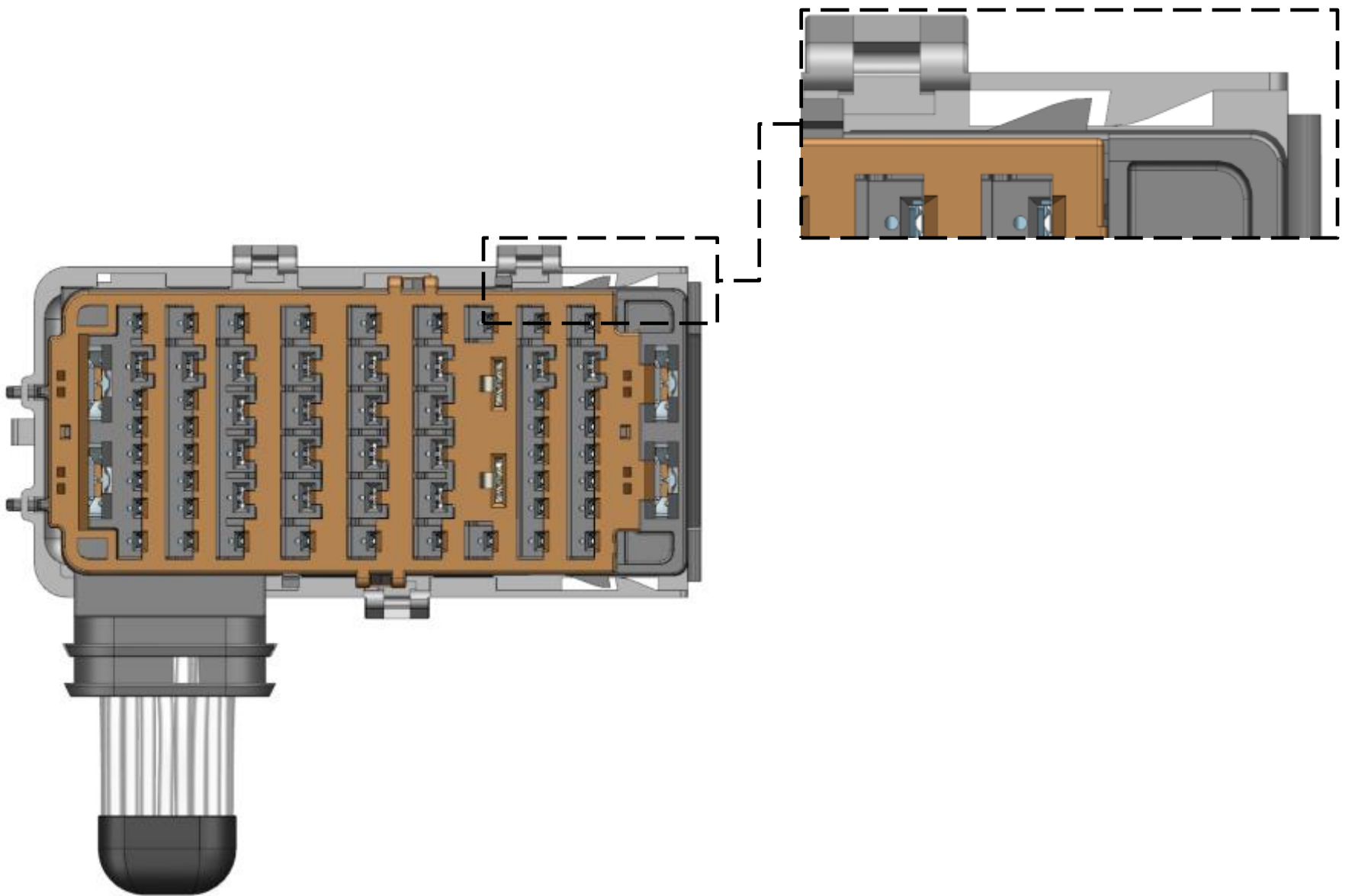
DIFFERENCE

64 Way Connection System

FEMALE RIGHT ANGLE & LEFT ANGLE ASSEMBLIES

Wire Dress Cover Replacement – STEP 1a (Remove)

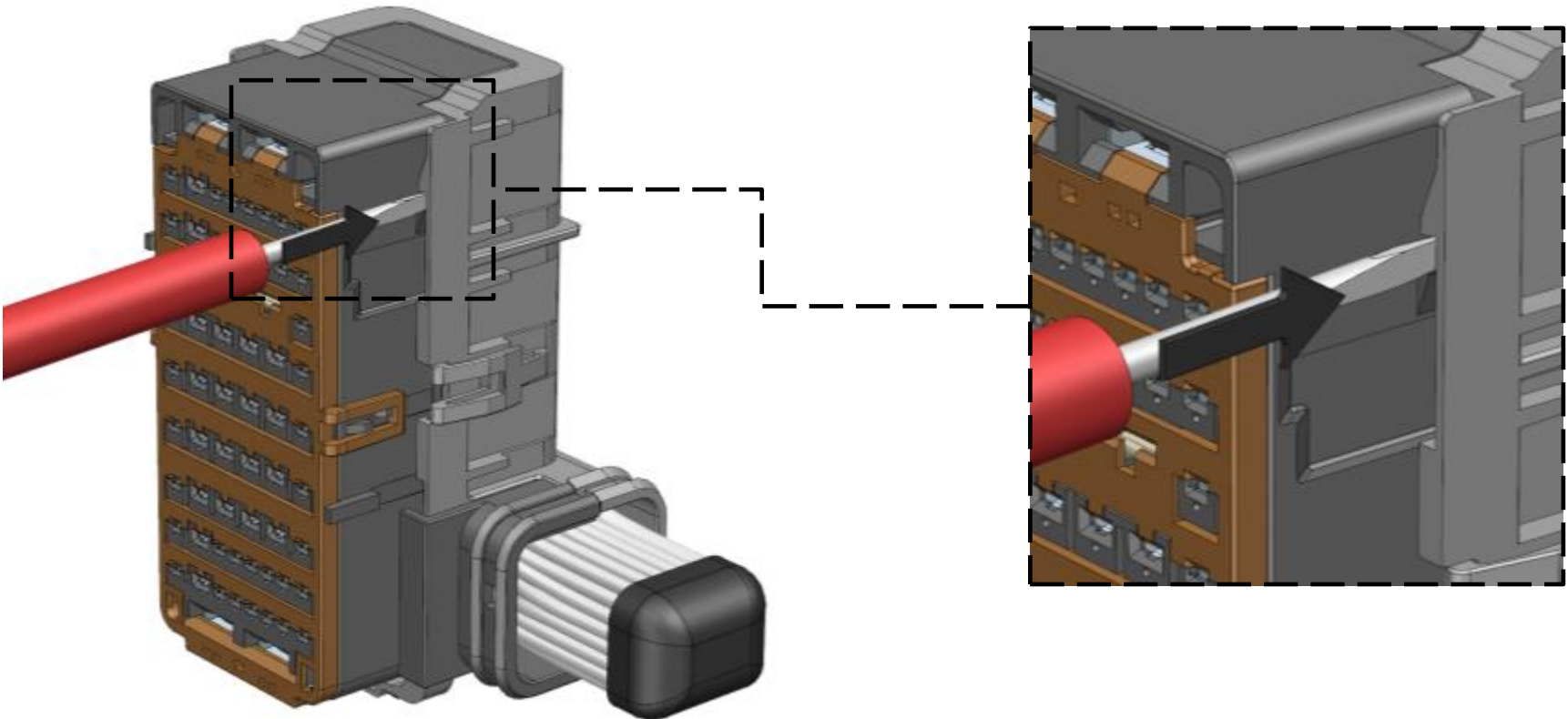
LOCATE THE LOCKS TO RELEASE THE COVER



REPAIR / REPLACEMENT

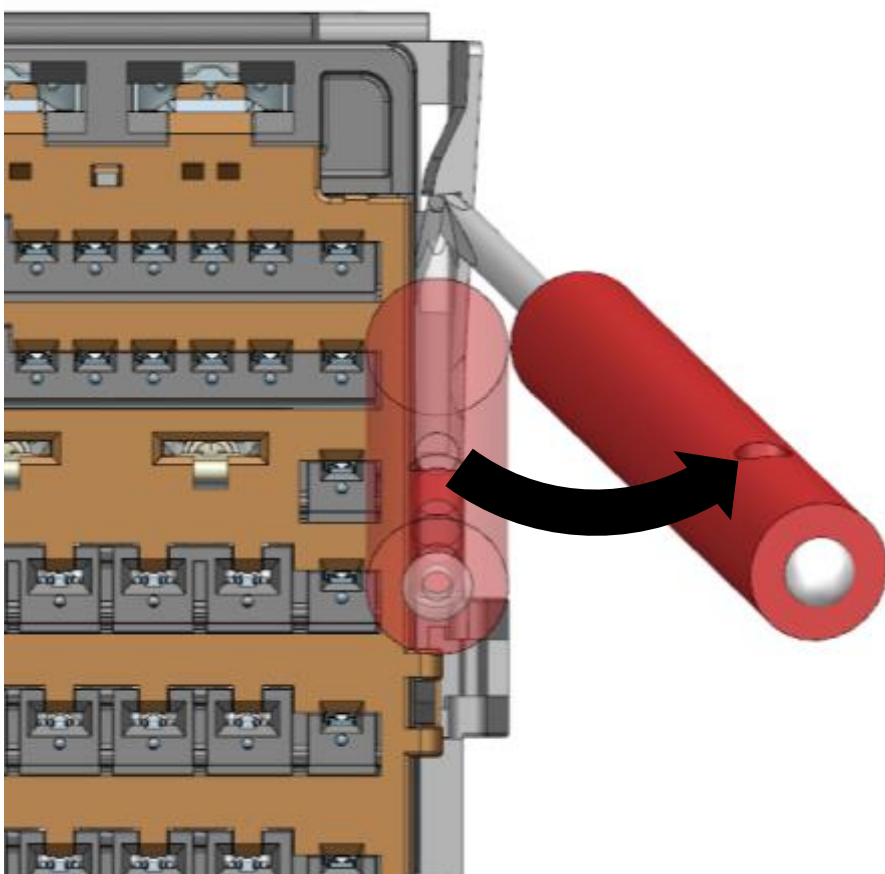
Wire Dress Cover Replacement – STEP 1b (Remove)

INSERT THE TOOL 12094441 BETWEEN THE FEMALE CONNECTOR AND COVER WIRE DRESS

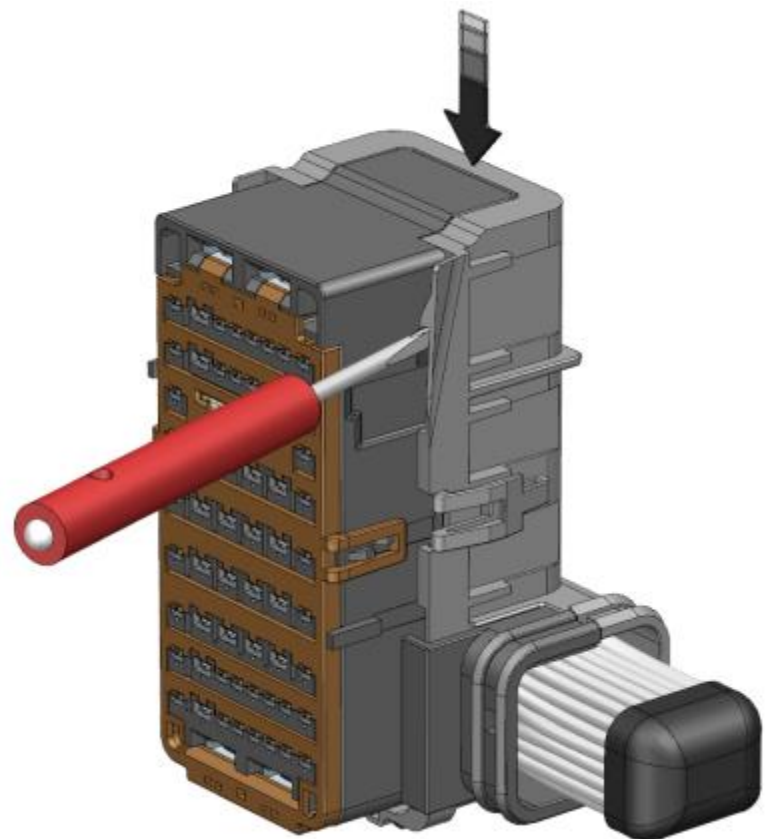


Wire Dress Cover Replacement – STEP 1c (Remove)

CAREFULLY ROTATE THE TOOL TO DEFLECT THE LOCK



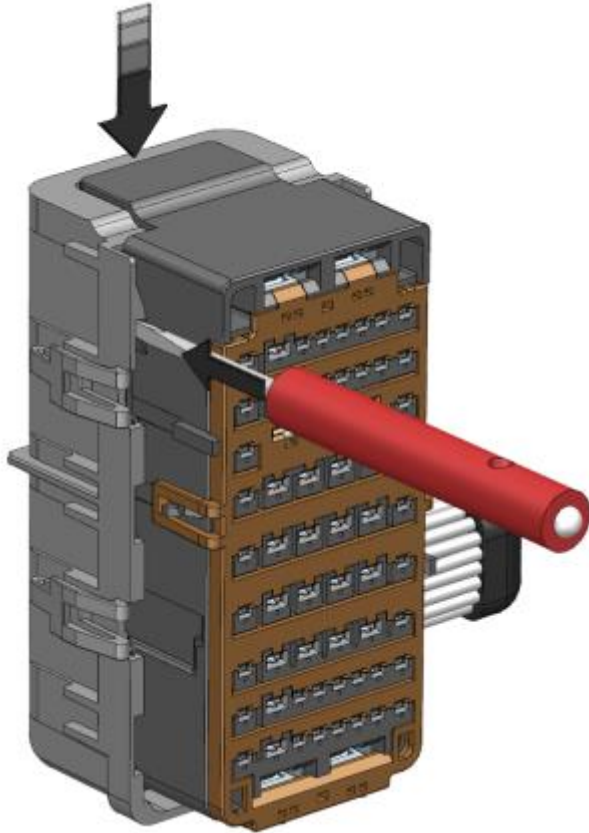
WHILE THE LOCK IS DEFLECTED, PUSH DOWN THE COVER



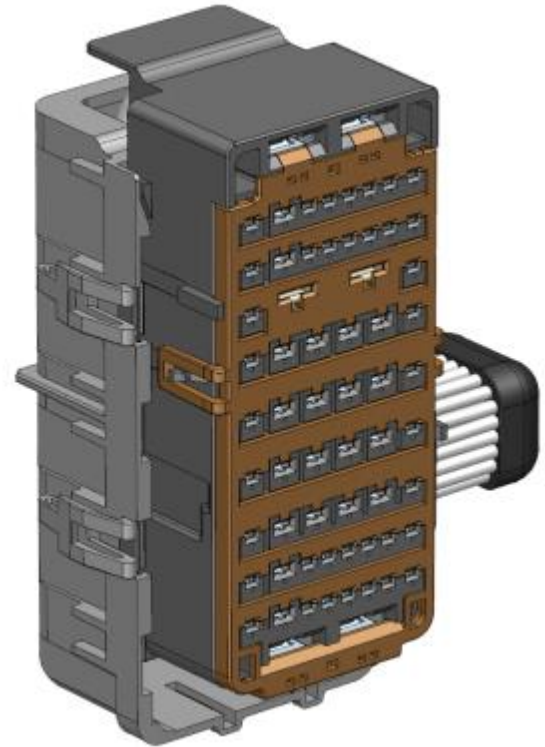
REPAIR / REPLACEMENT

Wire Dress Cover Replacement – STEP 1d (Remove)

KEEP PUSHING DOWN THE COVER AND
RELEASE THE OTHER LOCK

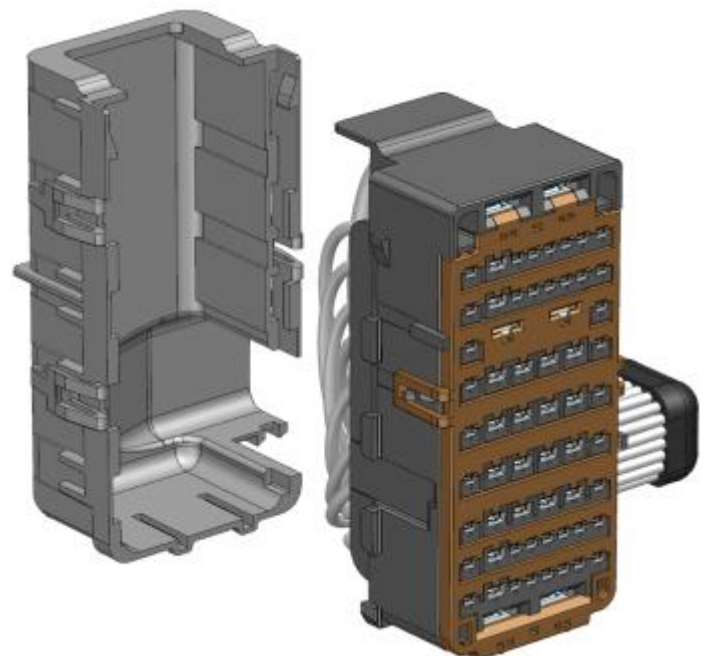
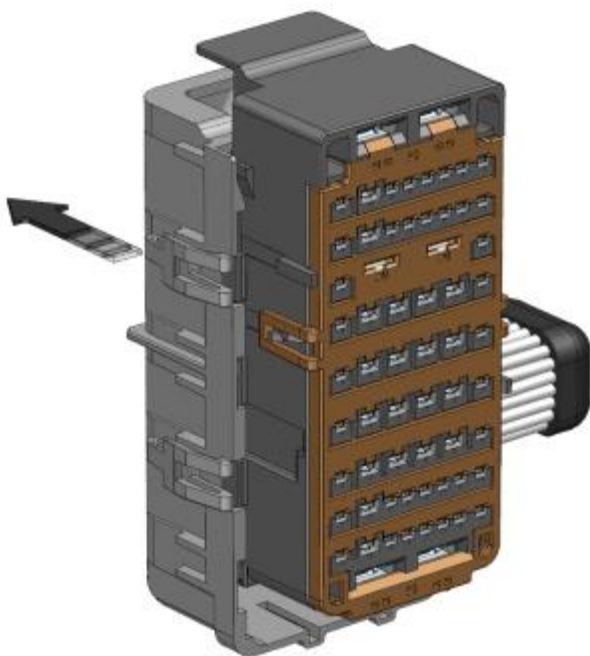


WITH THE LOCKS UNFASTENED, THE COVER IS
RELEASED FROM ITS FULL-STAGE POSITION



Wire Dress Cover Replacement – STEP 1e (Remove)

THEN REMOVE THE COVER FROM THE ASSEMBLY



Wire Dress Cover Replacement – STEP 2 (Install)

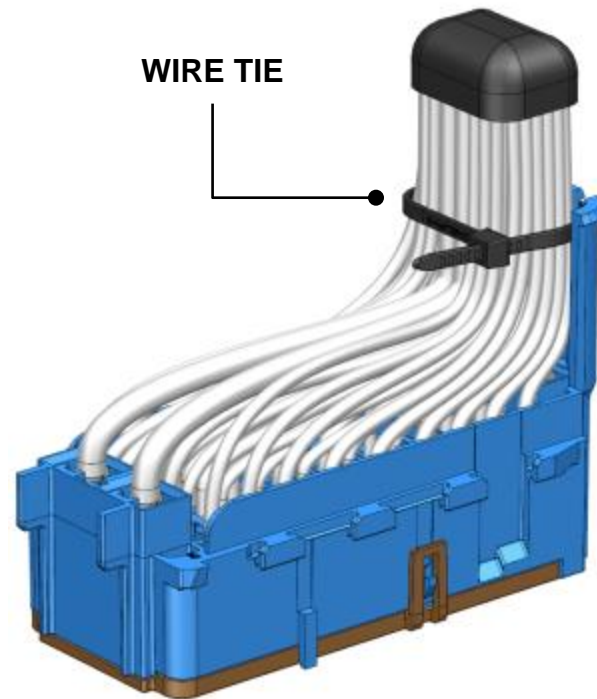
AFTER THE “STEP 1e” THE REMOVAL OF THE COVER IS COMPLETED.
TO INSTALL REFER TO HARNESS MANUAL SECTION.

REPAIR / REPLACEMENT

Wire Tie (OPTIONAL COMPONENT) Replacement – STEP 1 (Remove)



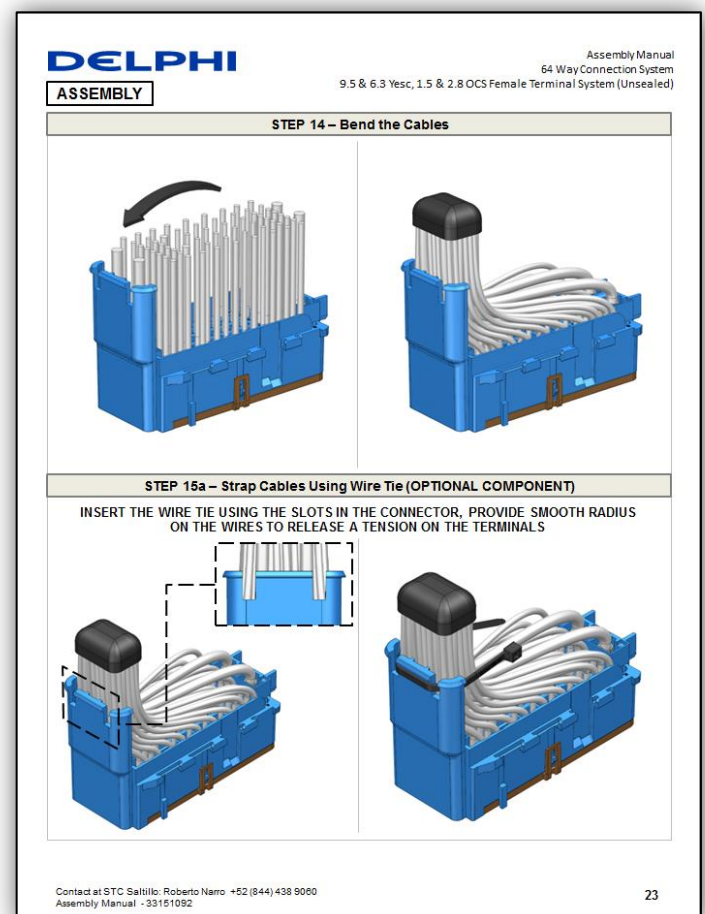
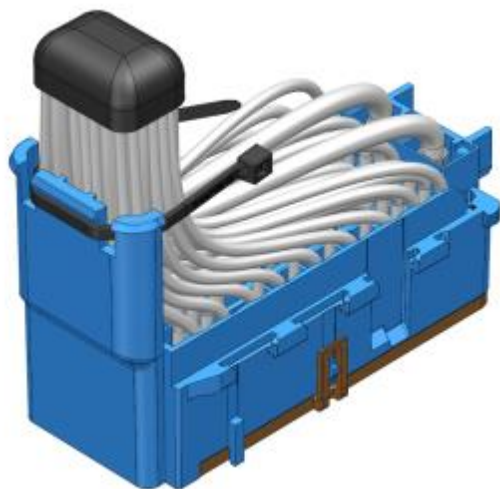
TYPE OF TOOL
RECOMMENDED



Wire Tie is not a replaceable sub-component.
REPLACE ENTIRE WIRE TIE

Wire Tie (OPTIONAL COMPONENT) Replacement – STEP 2 (Install)

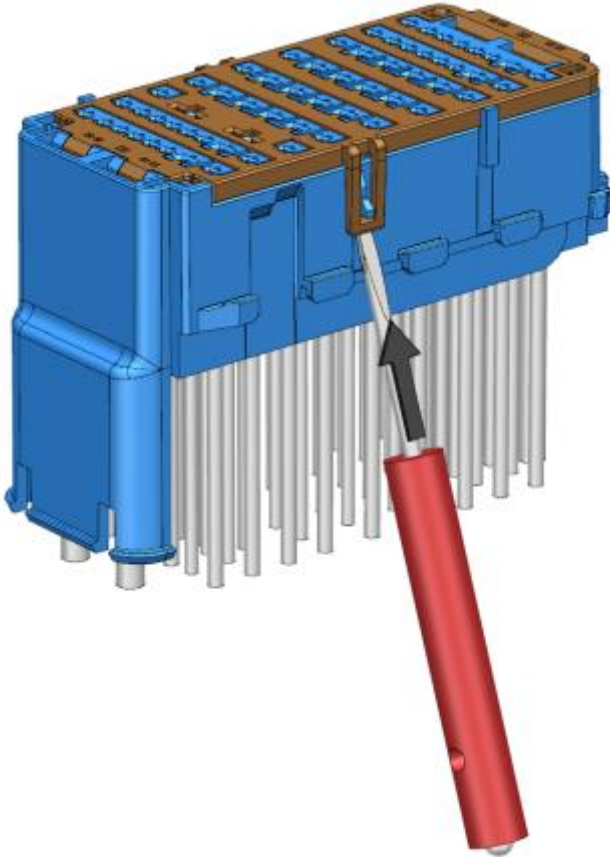
REFER TO HARNESS
MANUAL SECTION



REPAIR / REPLACEMENT

PLR Replacement – STEP 1a (Remove)

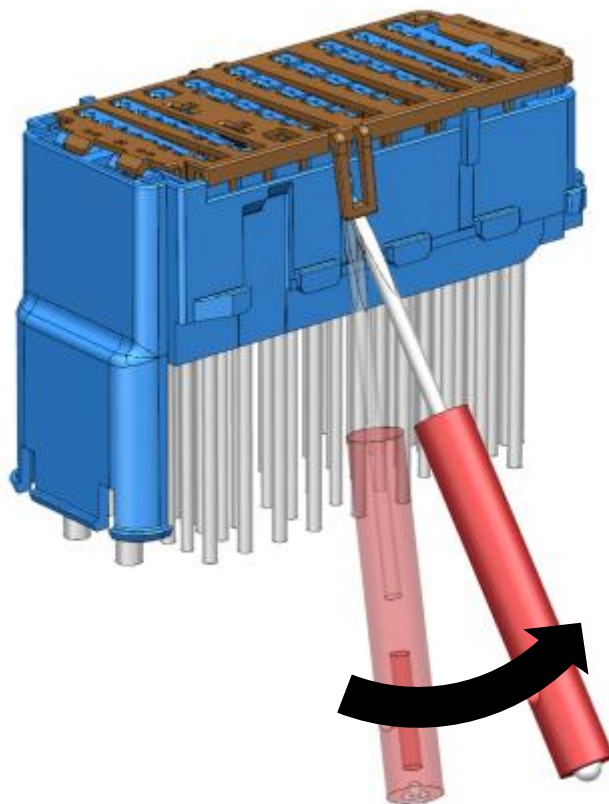
INSERT THE TOOL 12094441 BETWEEN THE CONNECTOR WALL AND LOCK OF THE PLR



IMPORTANT! THE REMOVAL PROCEDURE MUST BE FOLLOWED AS SHOWN, OTHERWISE THE COMPONENTS INTEGRITY MAY BE AT RISK

PLR Replacement – STEP 1b (Remove)

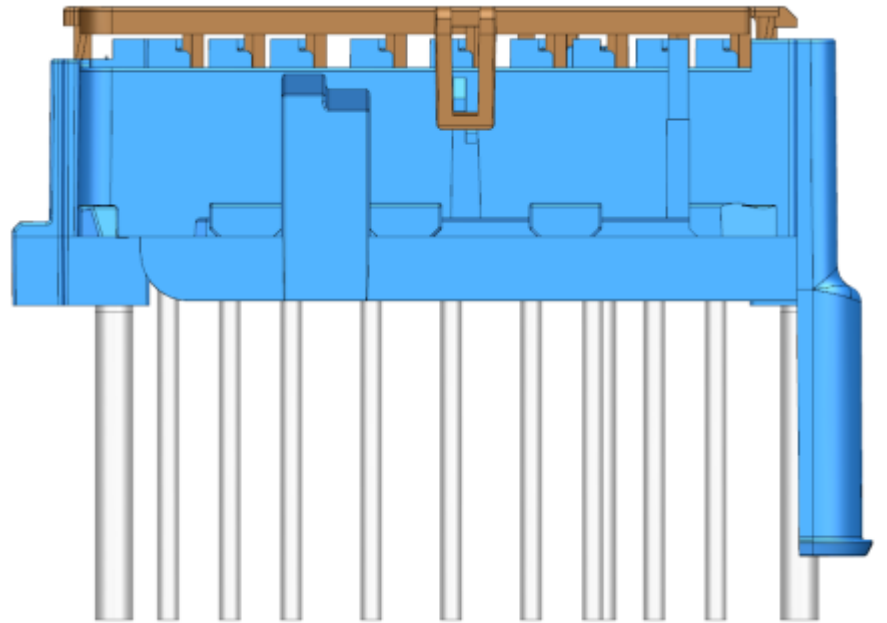
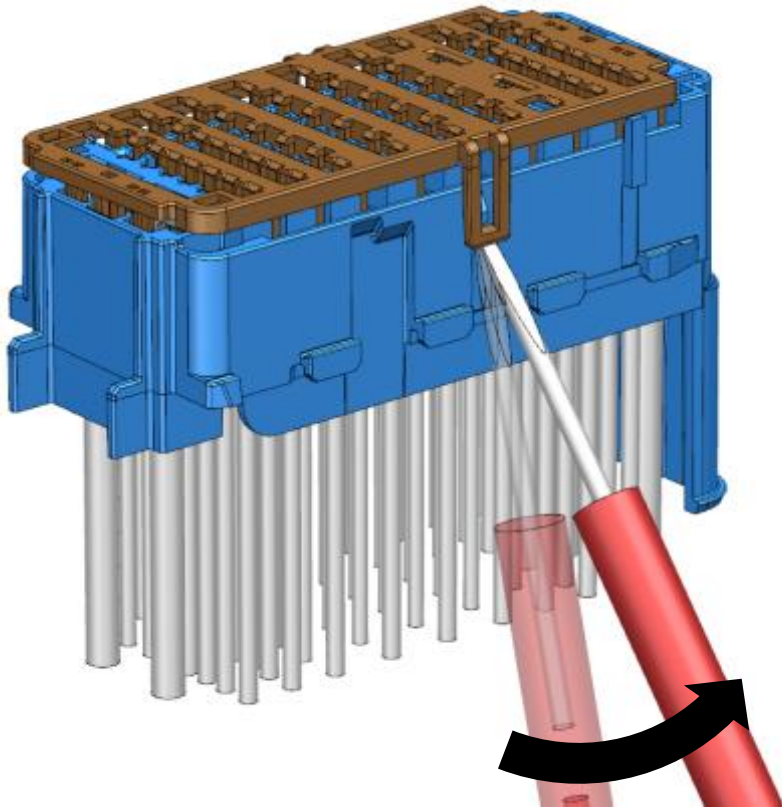
ROTATE THE TOOL CAREFULLY AS SHOWN, LIFT THE TAB JUST ENOUGH TO PASS THE LOCK ON THE CONNECTOR



REPAIR / REPLACEMENT

PLR Replacement – STEP 1c (Remove)

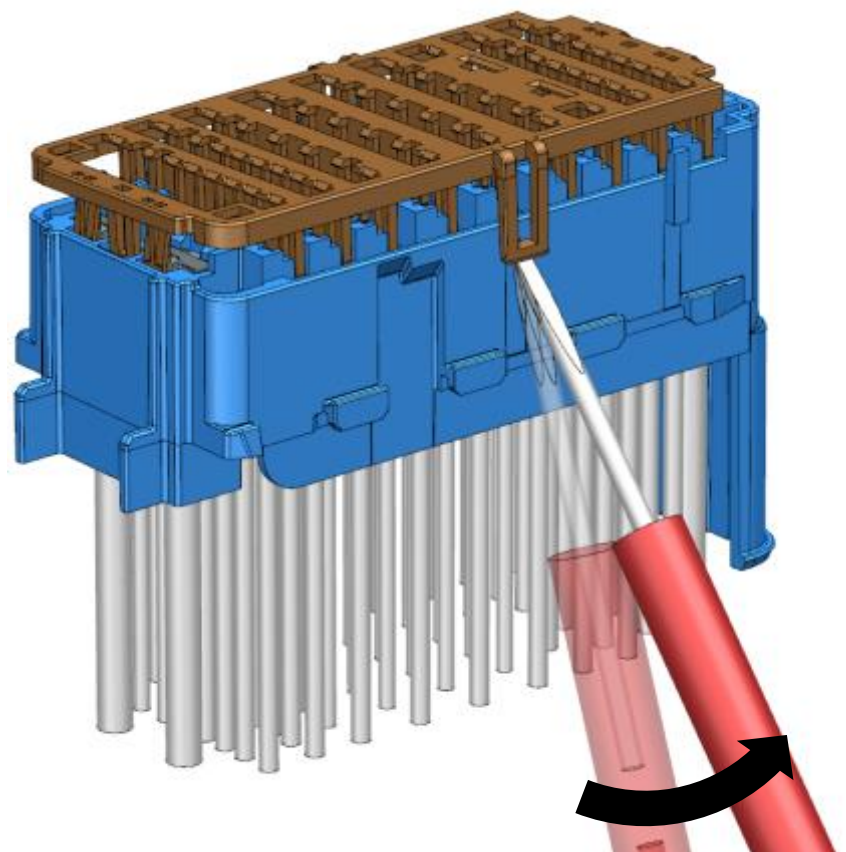
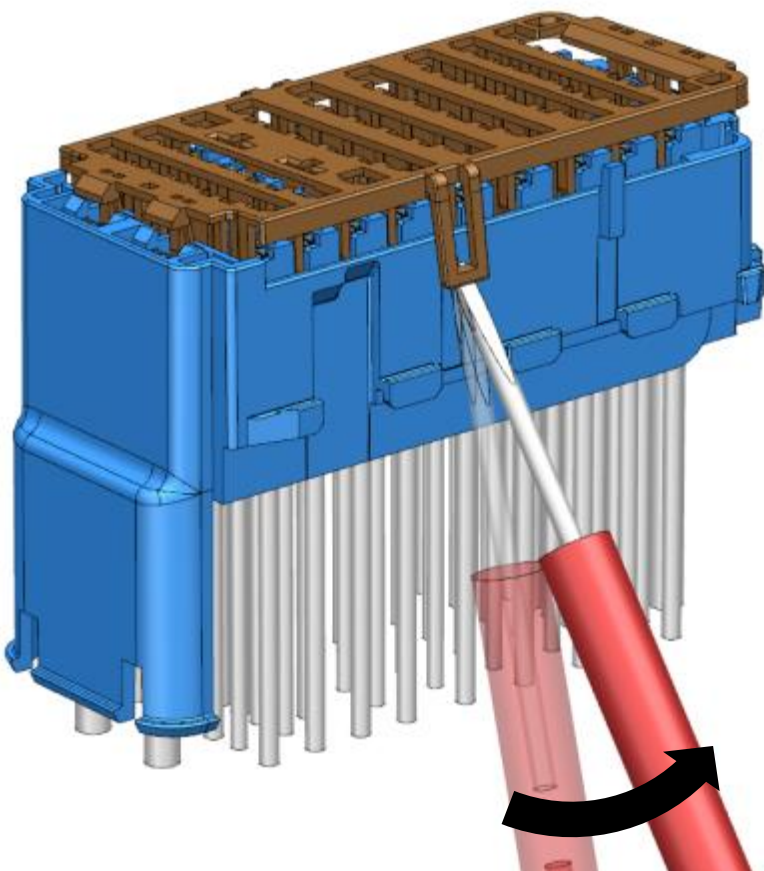
REPEAT THE SAME PROCESS TO UNFASTEN THE OTHER LOCK AND RELEASE THE PLR FROM ITS FULL-STAGE POSITION



PLR IS NOW IN
PRE-STAGE POSITION

PLR Replacement – STEP 1d (Remove)

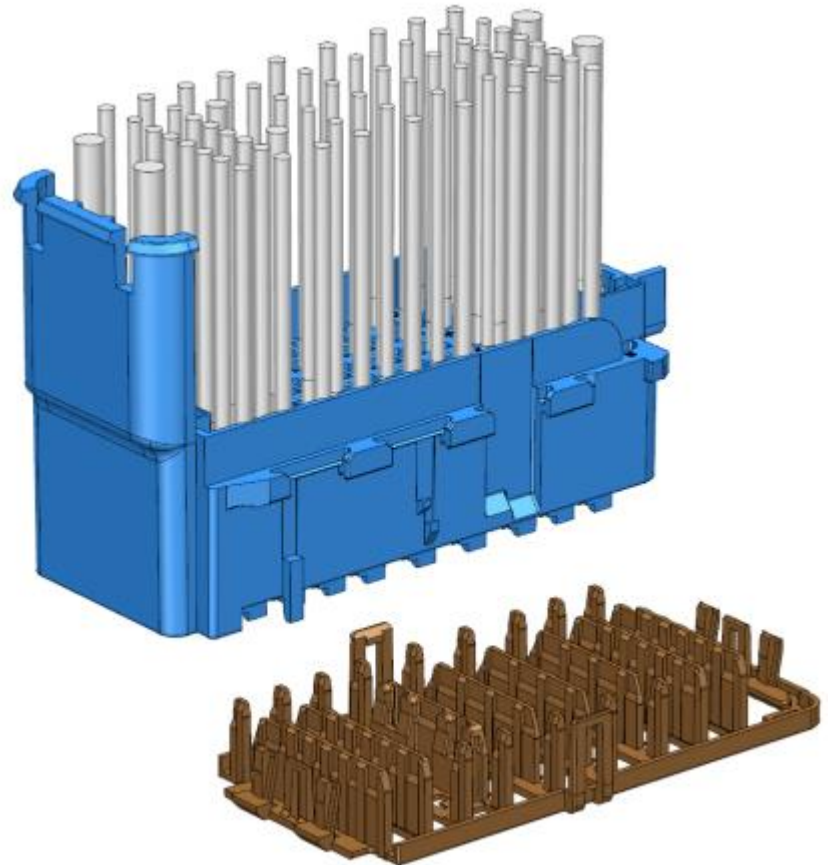
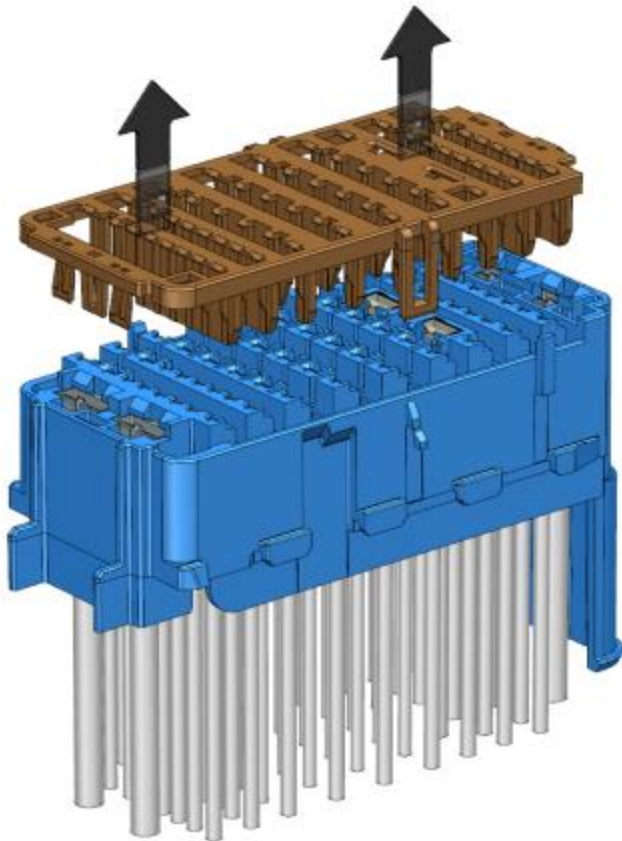
USE THE SAME PROCEDURE TO COMPLETELY RELEASE THE PLR



REPAIR / REPLACEMENT

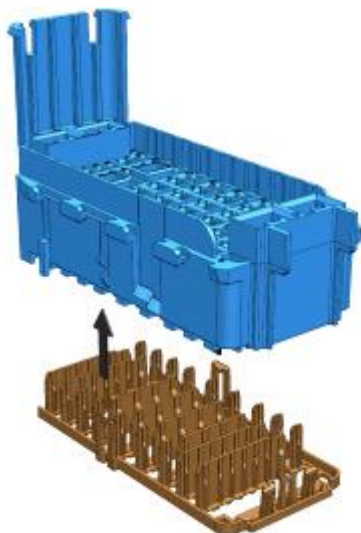
PLR Replacement – STEP 1e (Remove)

TAKE THE PLR OUT FROM THE HOUSING



PLR Replacement – STEP 2 (Install)

REFER TO PRE-ASSEMBLY
MANUAL SECTION



DELPHI Assembly Manual
64 Way Connection System
9.5 & 6.3 Yesc, 1.5 & 2.8 OCS Female Terminal System (Unsealed)

ASSEMBLY

STEP 1a – Insert PLR to Pre-Stage Position

IDENTIFY THE CORRECT POSITION OF THE PLR

INSERT PLR ONTO THE CONNECTOR. ALL THE FRONT FACE OF THE PLR MUST BE PRESSED AT THE SAME TIME FOR CORRECT INSTALLATION

INSERTION MUST BE DONE WITH A PROPER FIXTURE

STEP 1b – Insert PLR to Pre-Stage Position

VERIFY AUDIBLE CLICK ON BOTH LOCKS

MAKE SURE THAT EACH SIDE OF THE PLR IS POSITIONED ON THE FIRST LOCK OF THE CONNECTOR

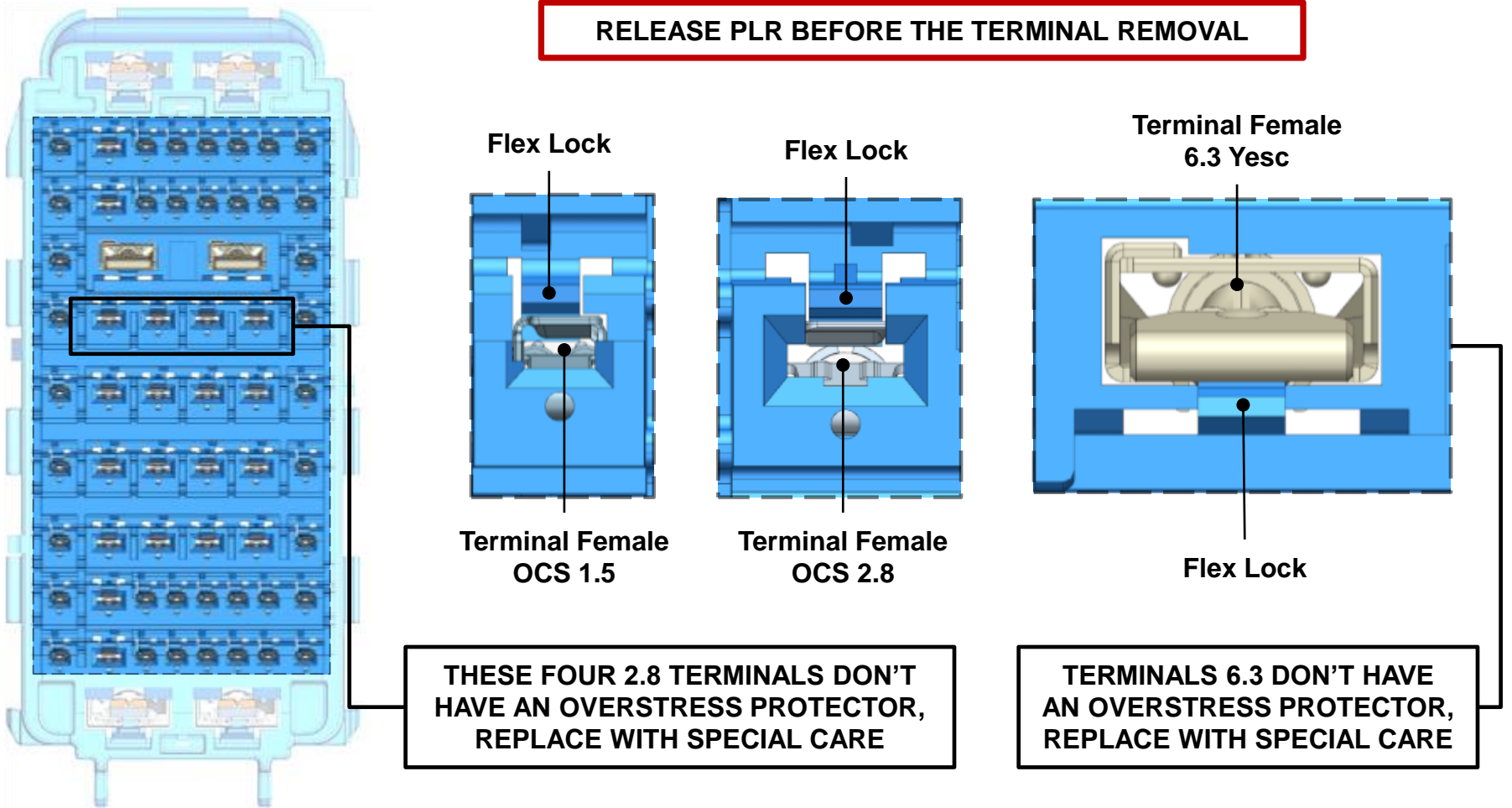
Contact at STC Saltillo: Roberto Narro +52 (844) 438 9060
Assembly Manual - 33151092

9

REPAIR / REPLACEMENT

TERMINALS OCS 1.5, 2.8 & YESC 6.3 Replacement – Step 1a (Remove)

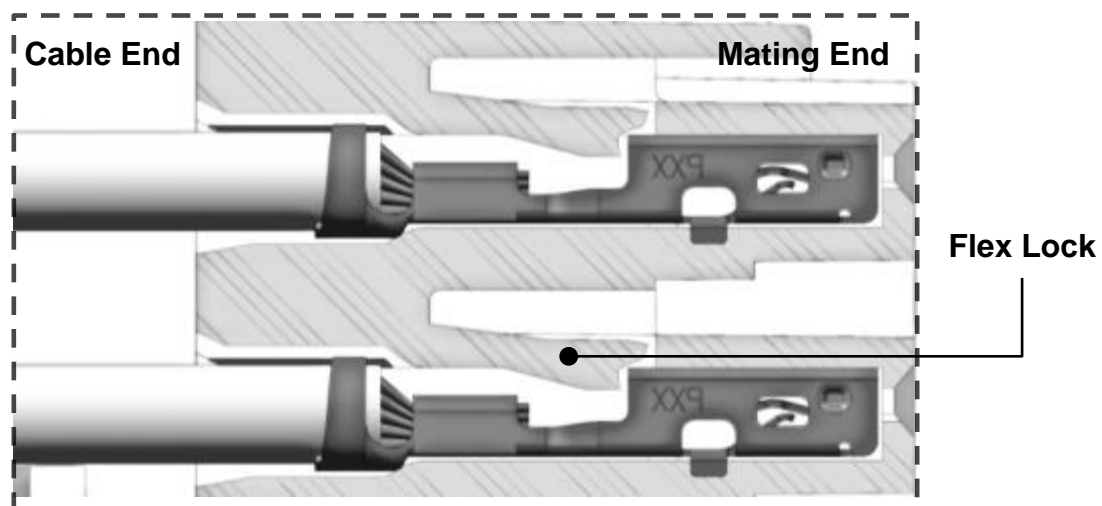
RELEASE PLR BEFORE THE TERMINAL REMOVAL



TERMINALS OCS 1.5, 2.8 & YESC 6.3 Replacement – Step 1b (Remove)

REMOVE TERMINALS

IDENTIFY
Terminal Flex Lock



IMPORTANT! THE REPLACEMENT OF THE TERMINALS WITHOUT CAUTION MAY RESULT IN DAMAGE OF THE CONNECTOR LOCKING FEATURES

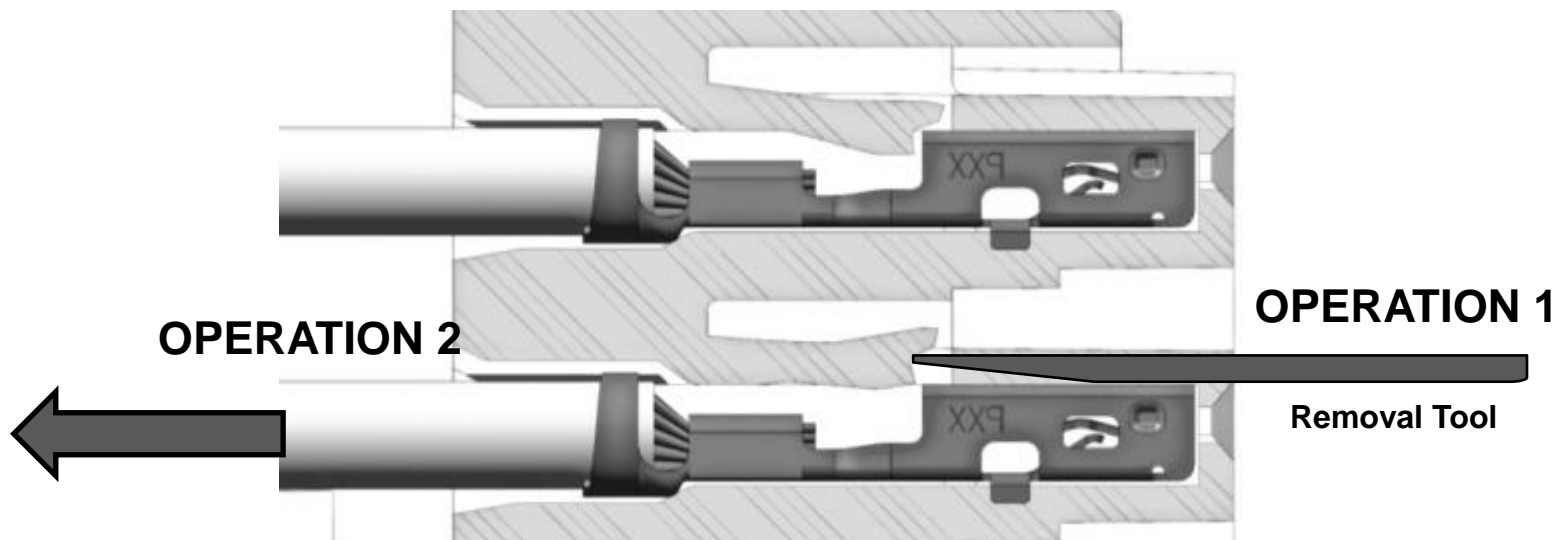
* This graph just represents how this kind of terminals are removed.

REPAIR / REPLACEMENT

TERMINALS OCS 1.5, 2.8 & YESC 6.3 Replacement – Step 1c (Remove)

REMOVE TERMINALS

Locate Flex Lock at the front of the cavity. Insert (Operation 1) the tool 12094429 straight into the cavity, deflect the Lock to unseat the Terminal and gently pull on the cable to remove (Operation 2) Female Terminal from the receptacle.



This operation applies for the terminals: OCS 1.5,2.8 and YESC 6.3.

* This graph just represents how this kind of terminals are removed.

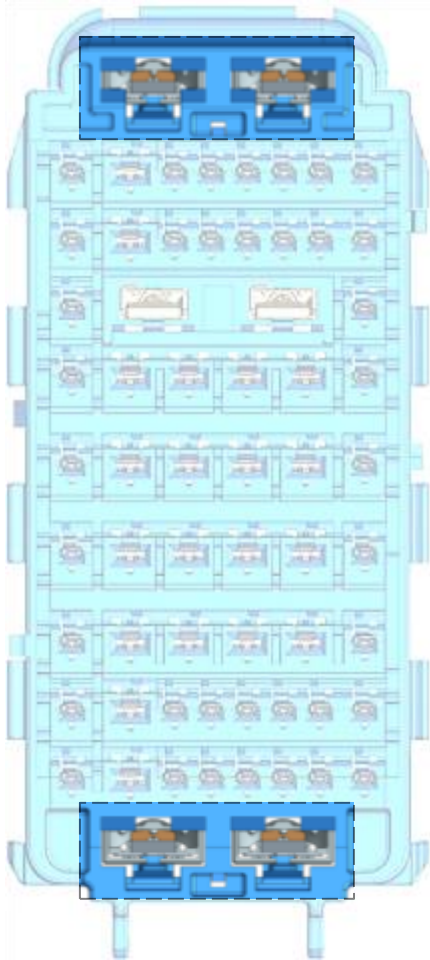
TERMINALS OCS 1.5, 2.8 & YESC 6.3 Replacement – Step 2 (Insert)

REFER TO HARNESS
MANUAL SECTION

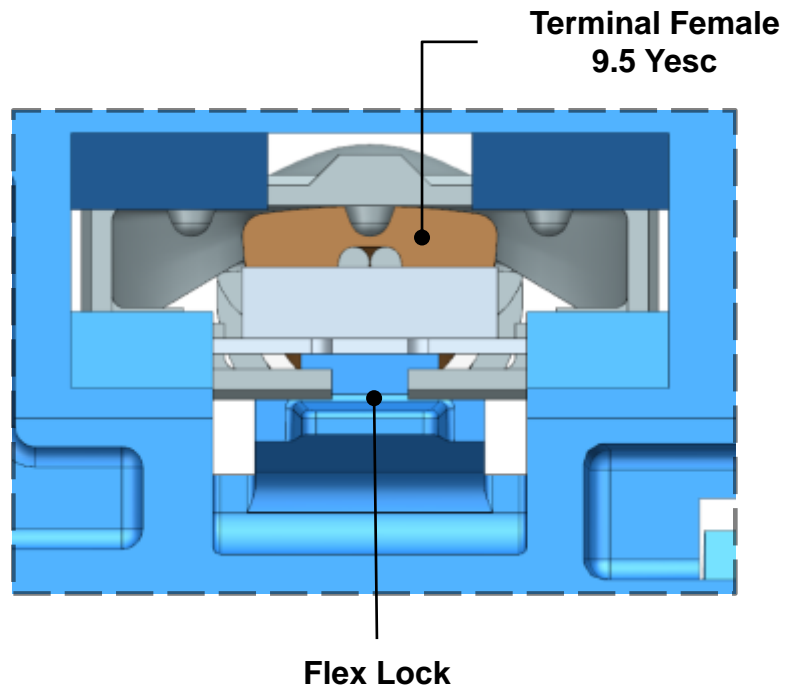


REPAIR / REPLACEMENT

TERMINALS YESC 9.5 Replacement – Step 1a (Release)



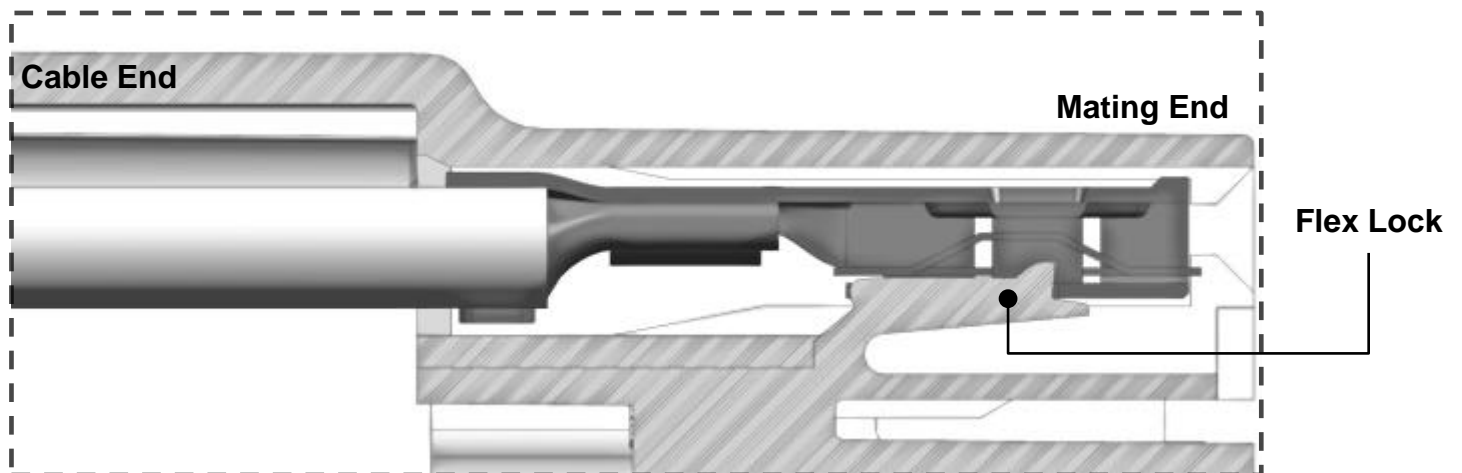
RELEASE PLR BEFORE THE TERMINAL REMOVAL



TERMINALS YESC 9.5 Replacement – Step 1b (Release)

REMOVE TERMINALS

IDENTIFY
Terminal Flex Lock



**IMPORTANT! THE REPLACEMENT OF THE TERMINALS WITHOUT CAUTION
MAY RESULT IN DAMAGE OF THE CONNECTOR LOCKING FEATURES**

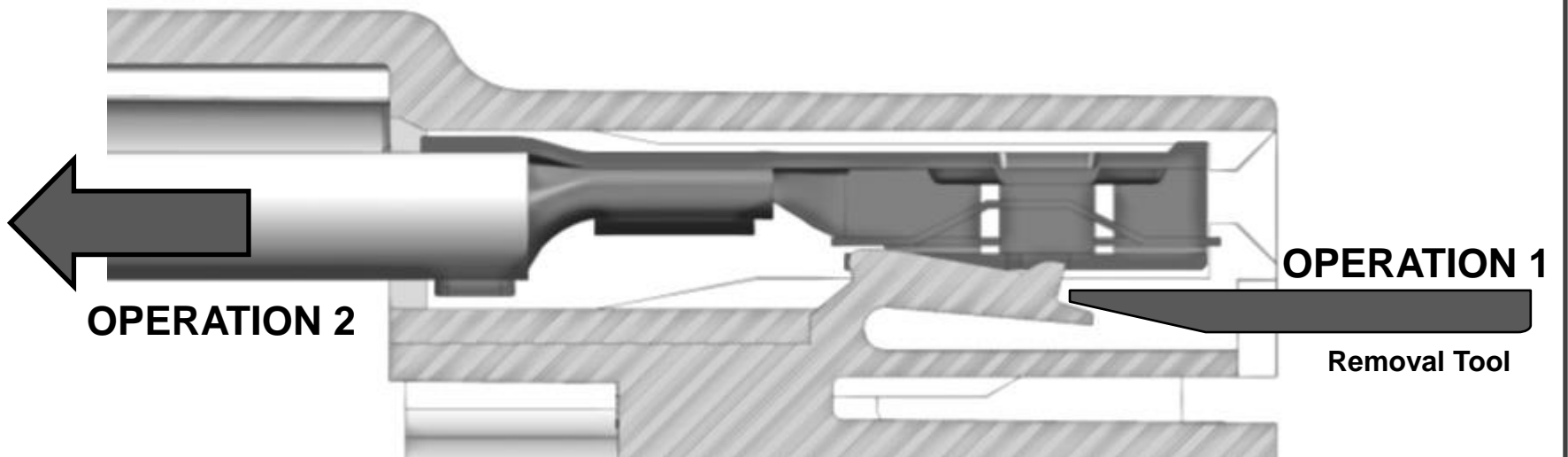
* This graph just represents how this kind of terminals are removed.

REPAIR / REPLACEMENT

TERMINALS YESC 9.5 Replacement – Step 1c (Release)

REMOVE TERMINALS

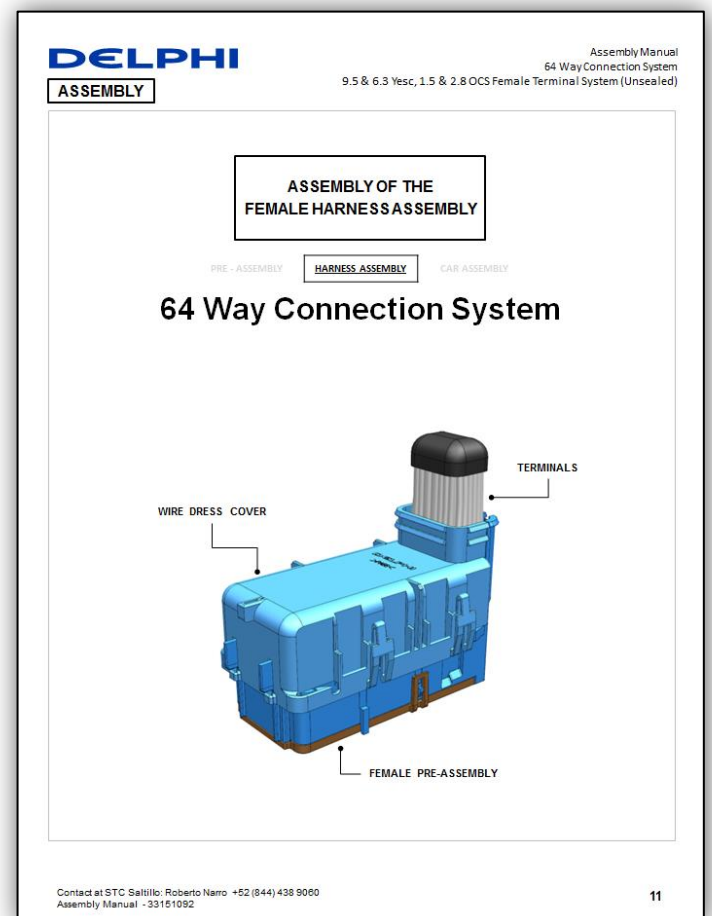
Locate Flex Lock at the front of the cavity. Insert (Operation 1) the tool 12094430 straight into the cavity, deflect the Lock to unseat the Terminal and gently pull on the cable to remove (Operation 2) Female Terminal from the receptacle.



* This graph just represents how this kind of terminals are removed.

TERMINALS YESC 9.5 Replacement – Step 2 (Insert)

REFER TO HARNESS
MANUAL SECTION

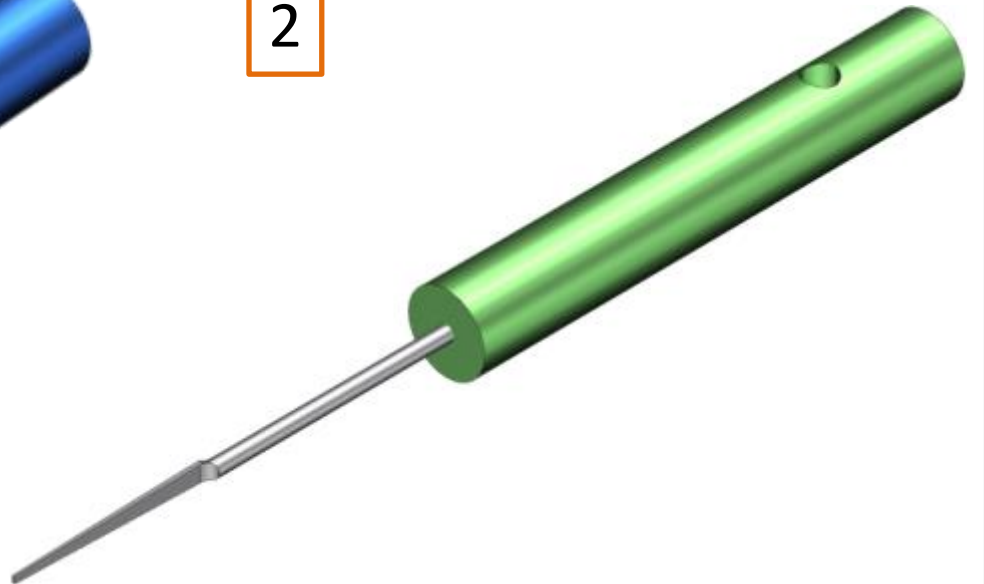


RECOMMENDED REPAIR TOOLS

1



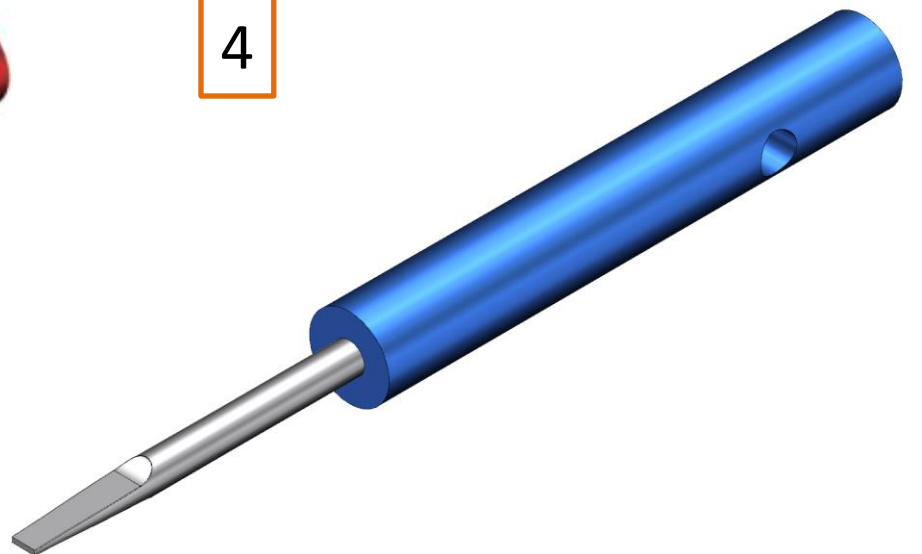
2



3



4



ITEM	DELPHI PART NUMBER
1	12094430
2	12094429
3	12094441
4	12150860

REVISIONS

DATE	REV	REVISION HISTORY	AUTH
07MY14	01	RELEASED	426106
11JL14	02	REVISED NOTE TO CLOSE PLR TO FULL-STAGE & ADDED MAX FORCE TO CLOSE WIRE TIE ON HARNESS ASM SECTION AND ADDED NOTES FOR CAREFUL TERMINAL REMOVAL ON REPAIR SECTION	427015