APTIV

ASSEMBLY MANUAL

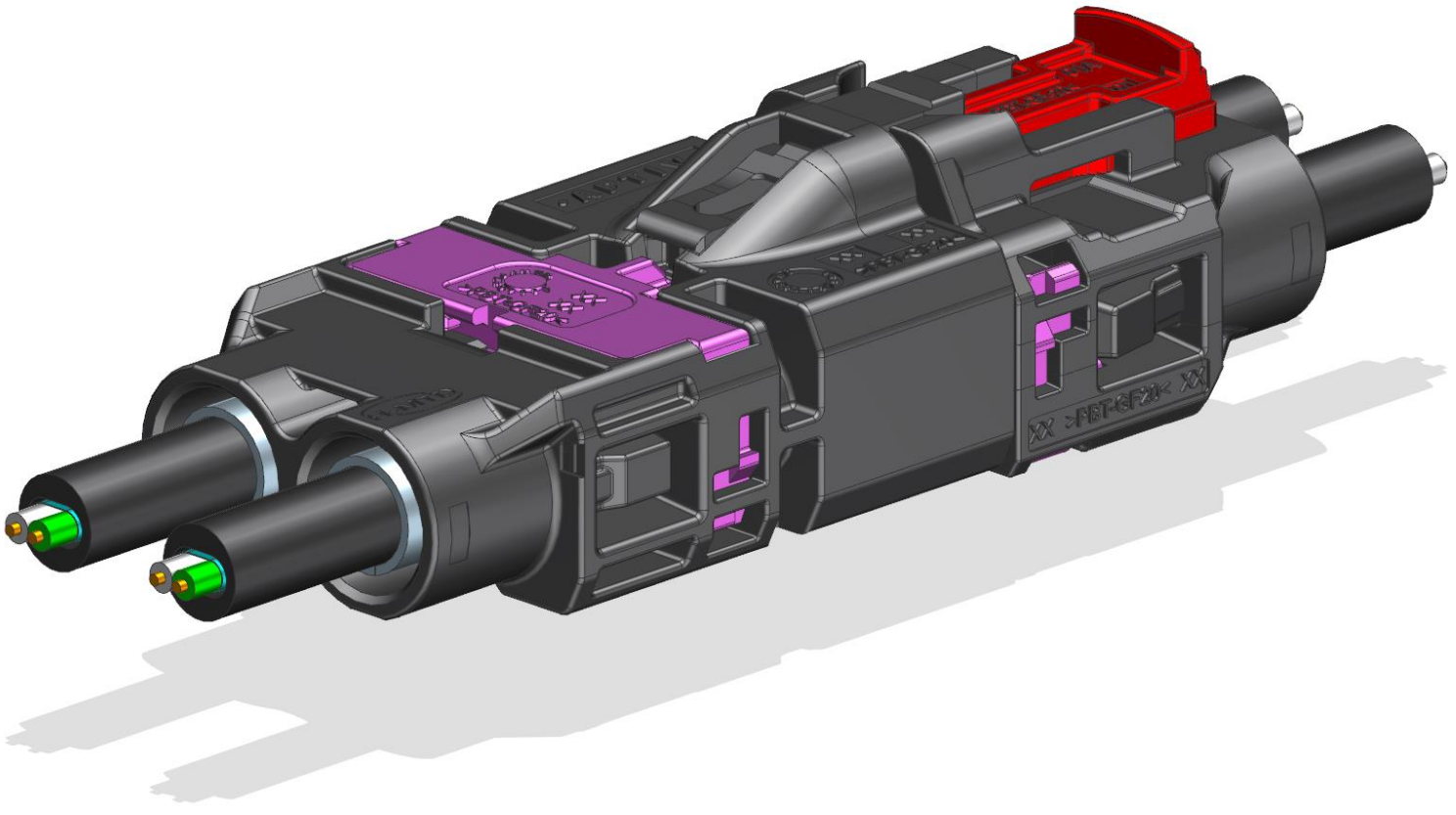
PRE - ASSEMBLY	HARNESS ASSEMBLY	CAR ASSEMBLY

35858990-CUS73-S01 Rev01

2 PORT H-MTD
Female & Male Terminal System
Unsealed

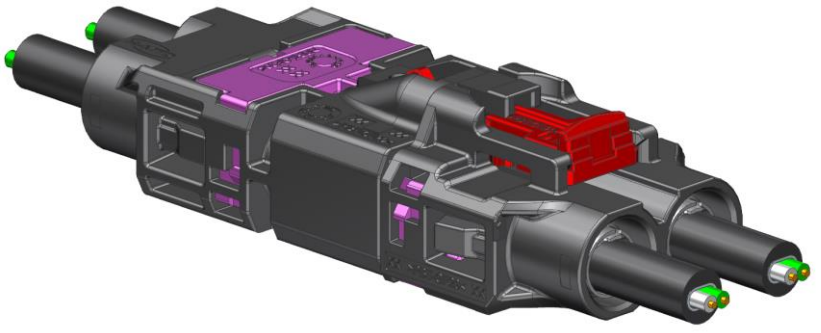
September 2024

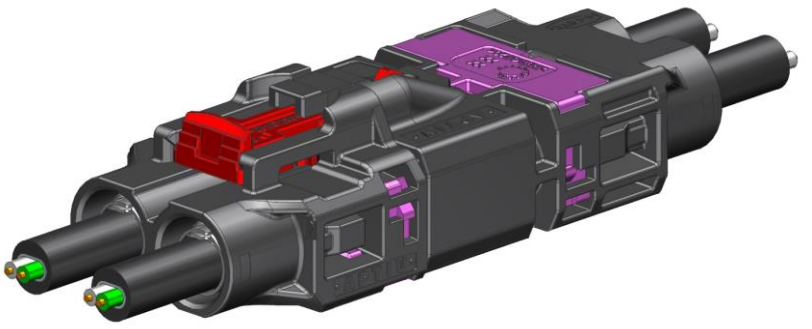
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Issued by
STC Shanghai, China
CEC Chennai, India

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COMPONENT INFORMATION

COMPONENT	KEY OPTION	APTIV PN	AMOUNT
2-PORT HMTD FEMALE CONNECTOR WITHOUT CPA	CODE A	35602706	**1**
	CODE B	35602709	1
	CODE C	35602710	1
	CODE D	35602711	1
	CODE E	35602712	1
	CODE F	35602713	1
	CODE Z	35602714	1
2-PORT HMTD FEMALE CONNECTOR WITH CPA	CODE A	35650361	1
	CODE B	35650362	1
	CODEC	35650363	1
	CODE D	35650364	1
	CODE E	35650365	1
	CODE F	35650366	1
	CODE Z	35650367	1
H-MTD Module-Female (STP)	-	35719737/35719762	2
H-MTD Module-Female (UTP)	-	35849330/35849335	2

COMPONENT	KEY OPTION	APTIV PN	AMOUNT
2-PORT HMTD MALE CONNECTOR WITHOUT CLIPSLOT	CODE A	35602743	**1**
	CODE B	35602744	1
	CODE C	35602745	1
	CODE D	35602746	1
	CODE E	35602747	1
	CODE F	35602749	1
	CODE Z	35602751	1
2-PORT HMTD MALE CONNECTOR WITH 7mm CLIPSLOT	CODE A	35858978	1
	CODE B	35858979	1
	CODEC	35858980	1
	CODE D	35858981	1
	CODE E	35858982	1
	CODE F	35858983	1
	CODE Z	35858988	1
H-MTD Module-Male (STP)	-	35719761/35719839	2
H-MTD Module-Male (UTP)	-	35790746/35790747	2

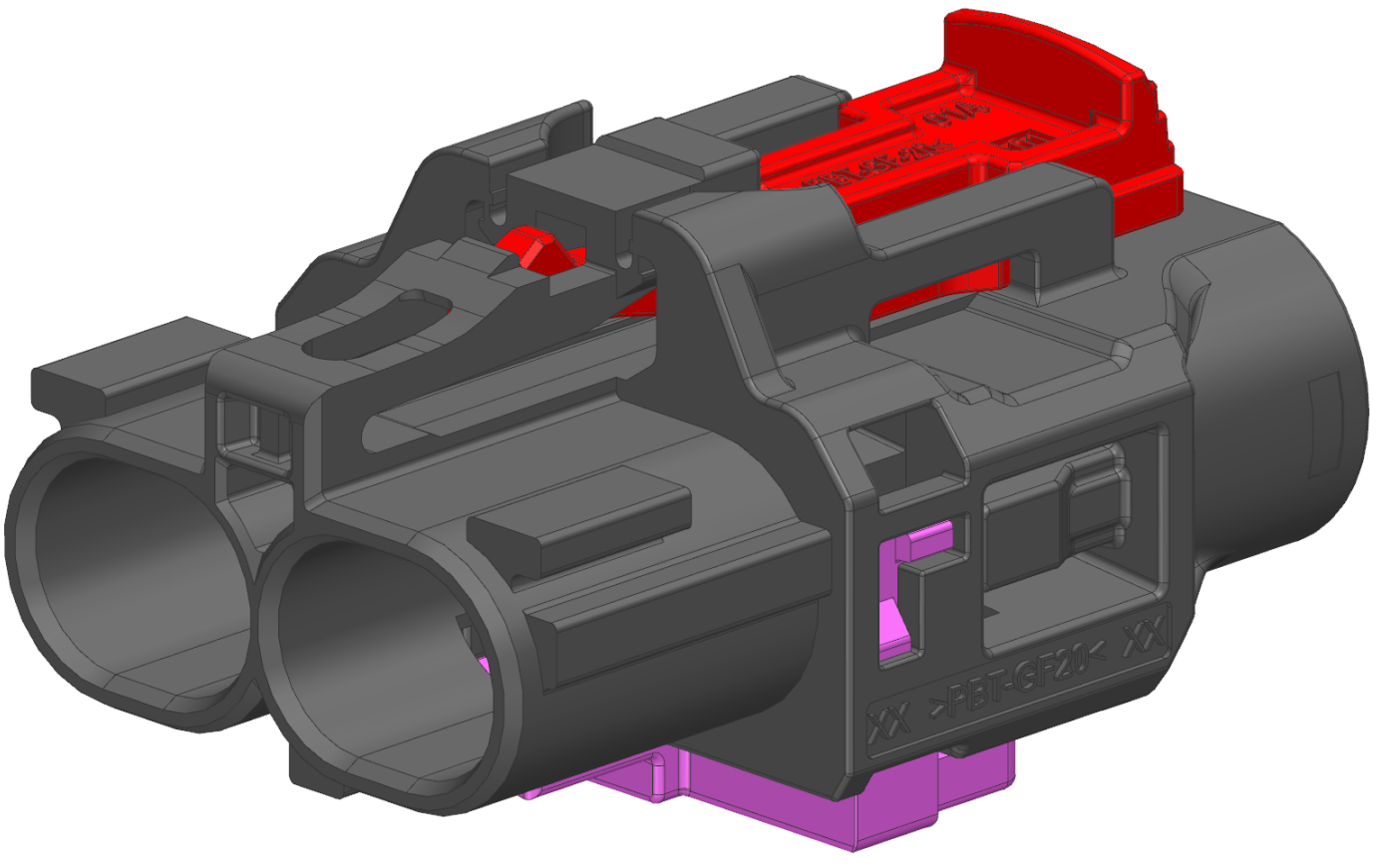
COMPONENT INFORMATION

COMPONENT	KEY OPTION	APTIV PN	AMOUNT
2-PORT HMTD MALE CONNECTOR WITH 11mm CLIPSLOT	CODE A	35602752	1
	CODE B	35602753	1
	CODEC	35602754	1
	CODE D	35602756	1
	CODE E	35602758	1
	CODE F	35602760	1
	CODE Z	35602762	1
H-MTD Module-Male (STP)	-	35719761/35719839	2
H-MTD Module-Male (UTP)	-	35790746/35790747	2

ASSEMBLY OF THE FEMALE CONNECTOR

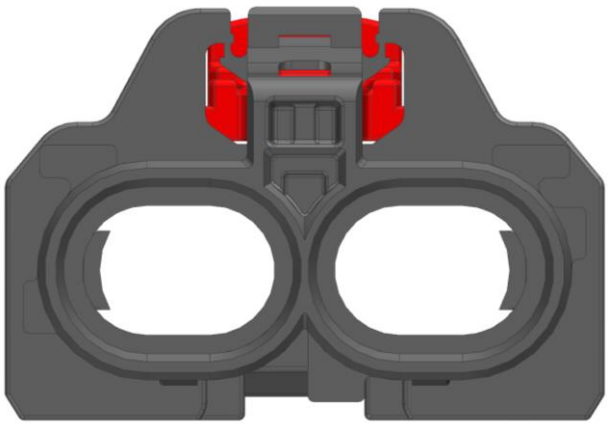
PRE - ASSEMBLY | HARNESS ASSEMBLY | CAR ASSEMBLY

2 PORT H-MTD Unsealed Connector



VIEW OF VERSIONS

2 WAY FEMALE CONNECTOR HOUSING



TYPE 101 – CODE A WITH CPA



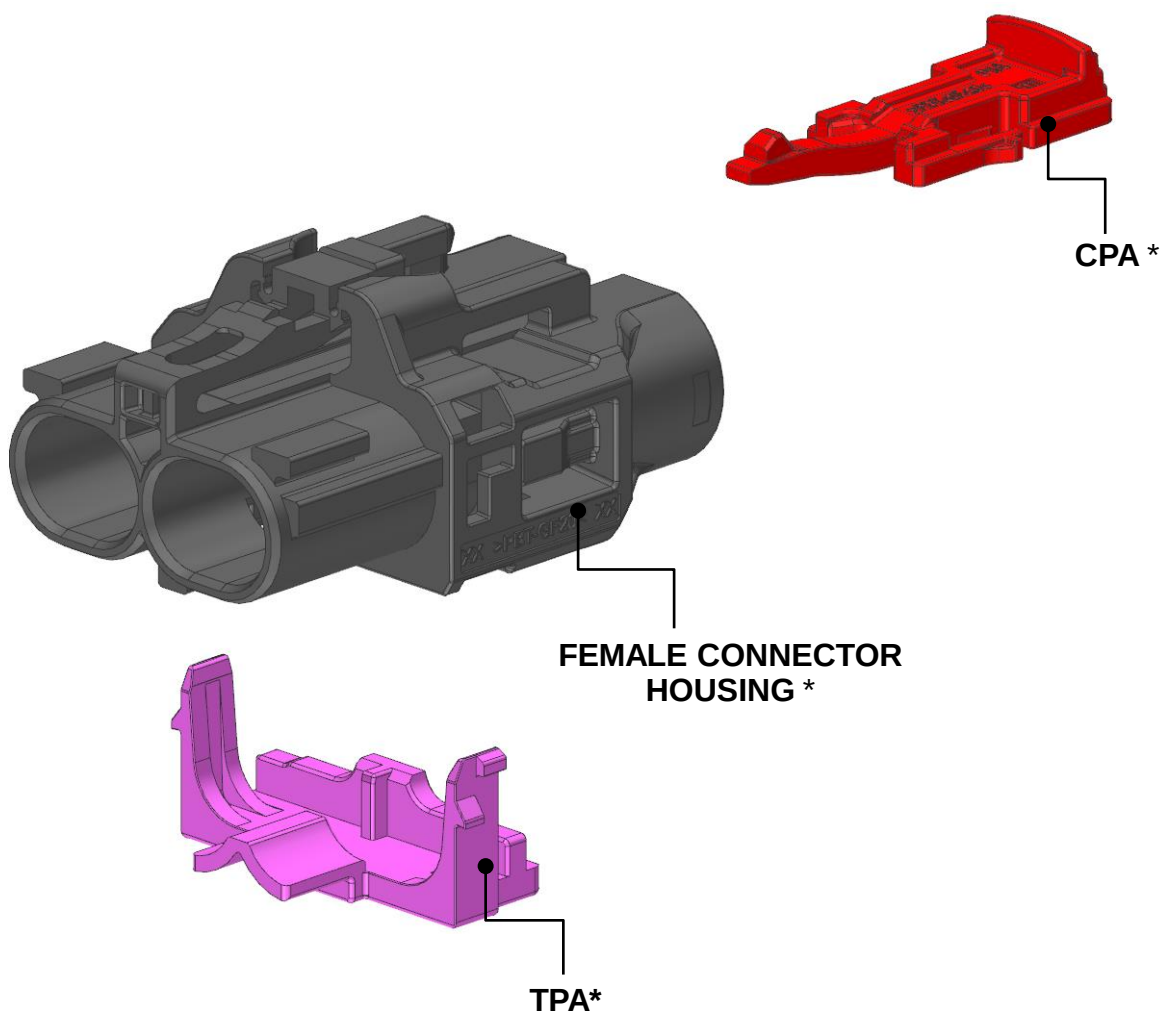
TYPE 201 – CODE A WITHOUT CPA

THESE CONNECTION SYSTEMS HAVE MULTIPLE CONFIGURATIONS, WHICH DIFFER IN THE INDEXING, CONNECTOR COLOR AND USE OF CPA. THE METHOD OF ASSEMBLY IS THE SAME FOR ALL CONNECTORS REGARDLESS OF SAID DIFFERENCES, UNLESS OTHERWISE SPECIFIED.
REFER TO LATEST ASSEMBLY TAXI DRAWINGS FOR DETAILS AND AVAILABLE OPTIONS.

LIST OF COMPONENTS & EXPLODED VIEW

QUANTITY	COMPONENTS
1	FEMALE CONNECTOR HOUSING*****
1	CPA (OPTIONAL COMPONENT) *
1	TPA*

ADDITIONAL INFORMATION AND REFERENCE TO ANOTHER DRAWINGS, DOCUMENTS, ETC. FOR EXAMPLE: REFER TO LATEST DRAWINGS FOR PART NUMBERS AND DETAILS



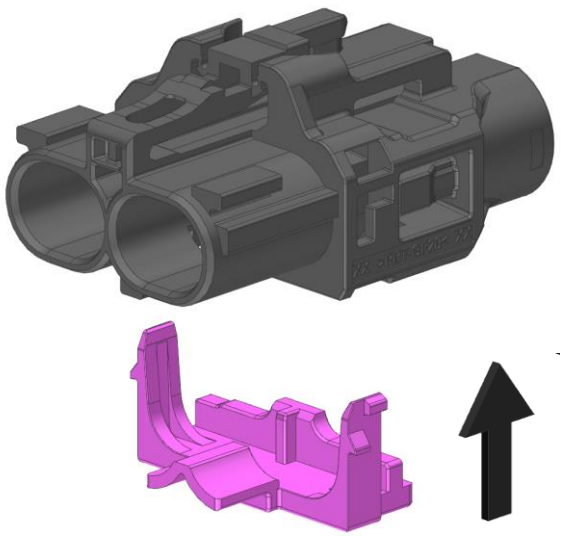
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PERMISSIBLE STORAGE TEMPERATURE: MIN. 10°C, MAX. 45°C & <75% RH.

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

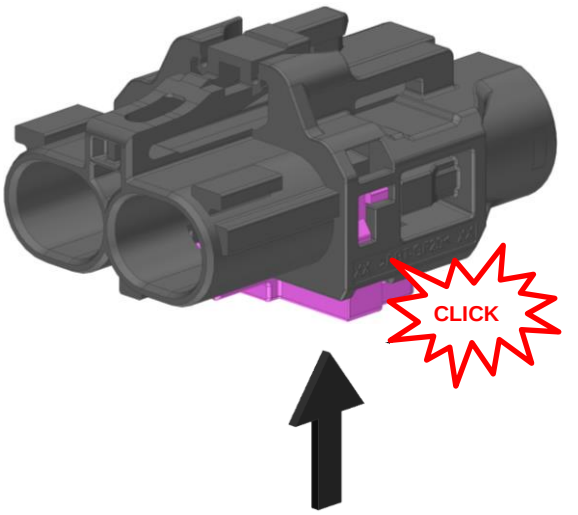
Step-1a Install TPA to Pre-Stage Position

PRE-ASSEMBLY

1 **IDENTIFY THE CORRECT ORIENTATION OF THE TPA AND ALIGN IT WITH THE CONNECTOR HOUSING**



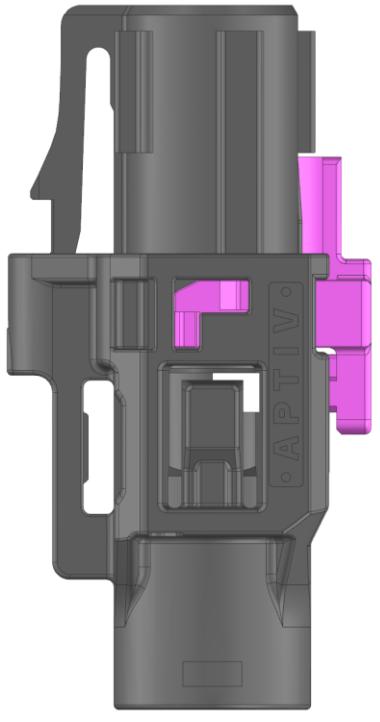
2 **PUSH THE TPA ON TO THE CONNECTOR HOUSING**

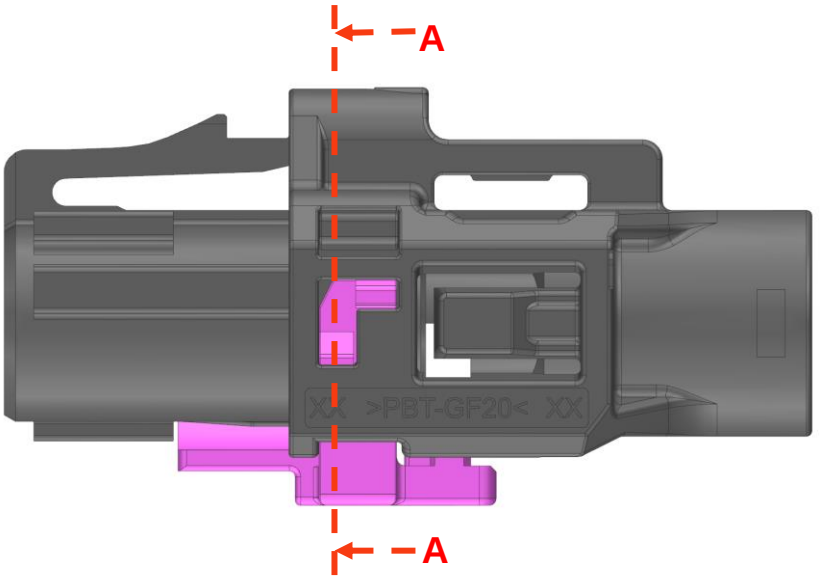


VERIFY AUDIBLE CLICK

STEP 1b – Install TPA to Pre-Stage Position

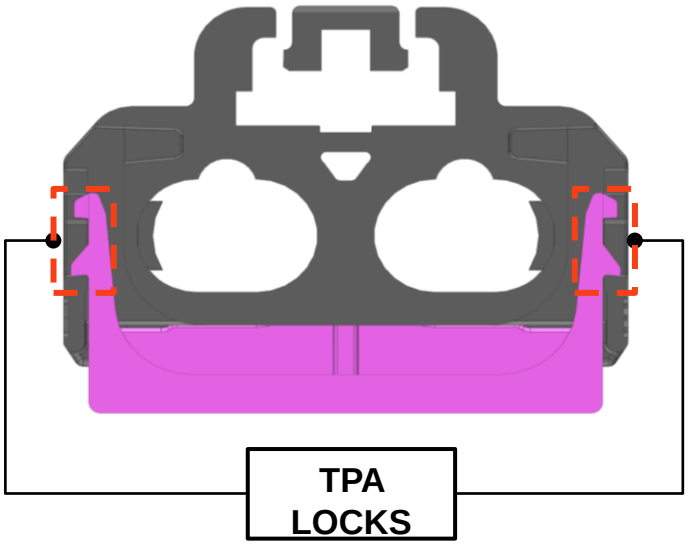
VERIFY THE TPA IS IN PRE-STAGE AND EVENLY LOCKED



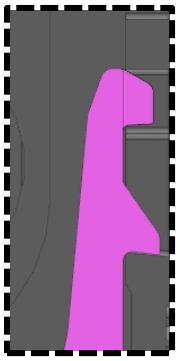


STEP 1c – Install TPA to Pre-Stage Position

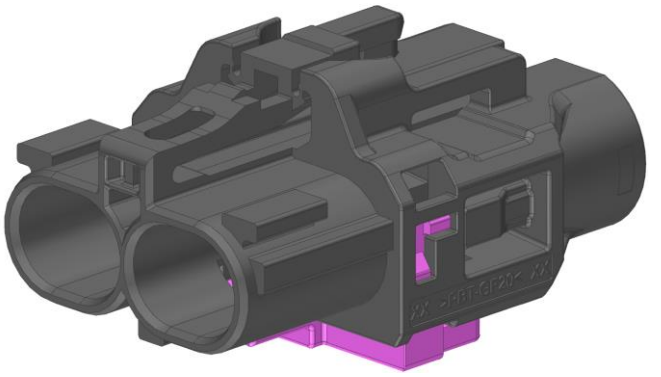
THE TPA MUST BE PARALLEL WITH THE CONNECTOR AND LOCKED IN THE FIRST SET OF SLOTS



SECTION A-A



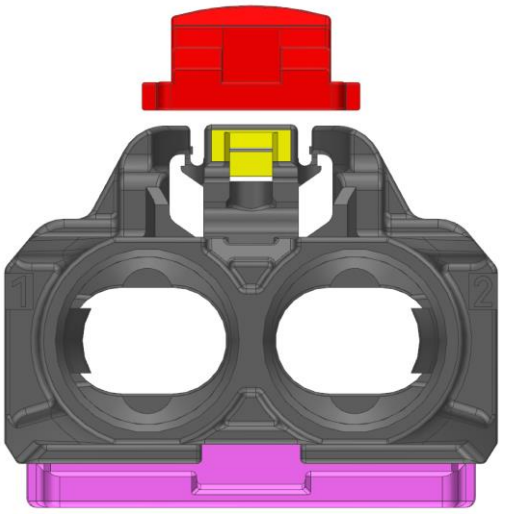
DETAIL



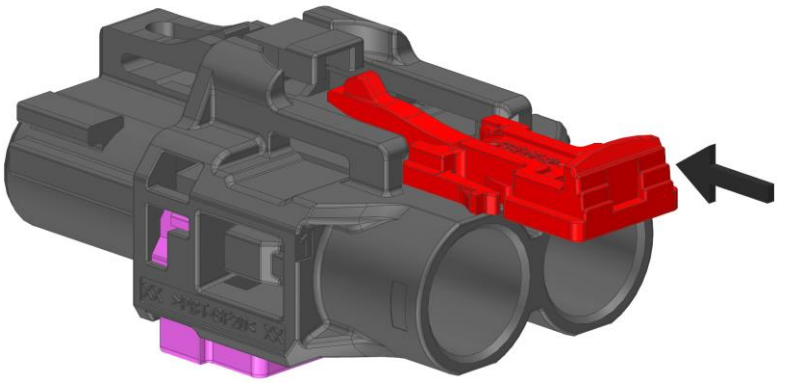
TPA IS NOW IN PRE-STAGE POSITION

STEP 2 – Insert CPA to Pre-Stage Position (Optional Component)

IDENTIFY SLOTS IN CONNECTOR HOUSING AND ORIENT THE CPA IN THE PROPER DIRECTION

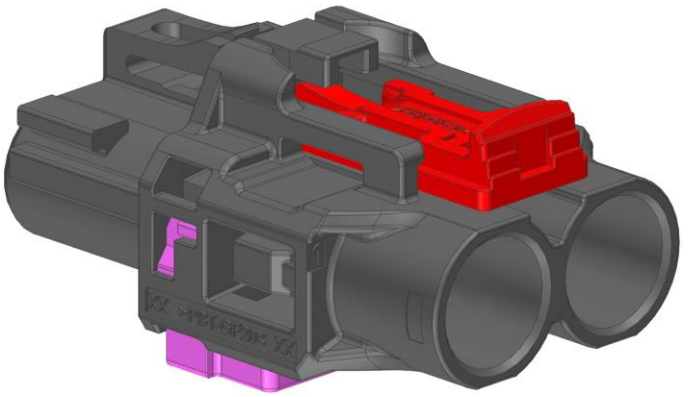


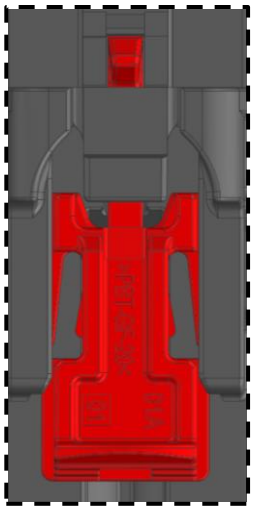
INSERT CPA ONTO CONNECTOR HOUSING BY SLIDING THE CPA RIBS INTO THE CONNECTOR SLOTS

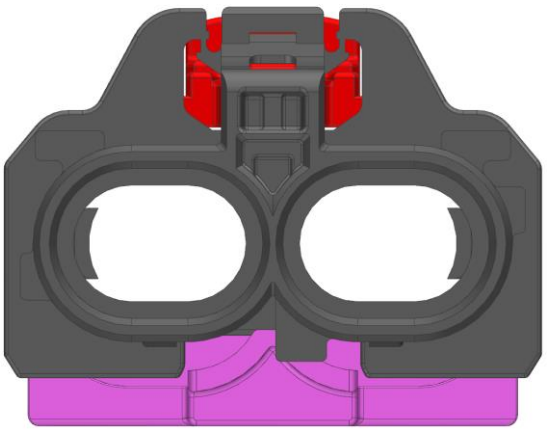


FEMALE CONNECTOR PRE-ASSEMBLY – COMPLETED

VERIFY AUDIBLE CLICK





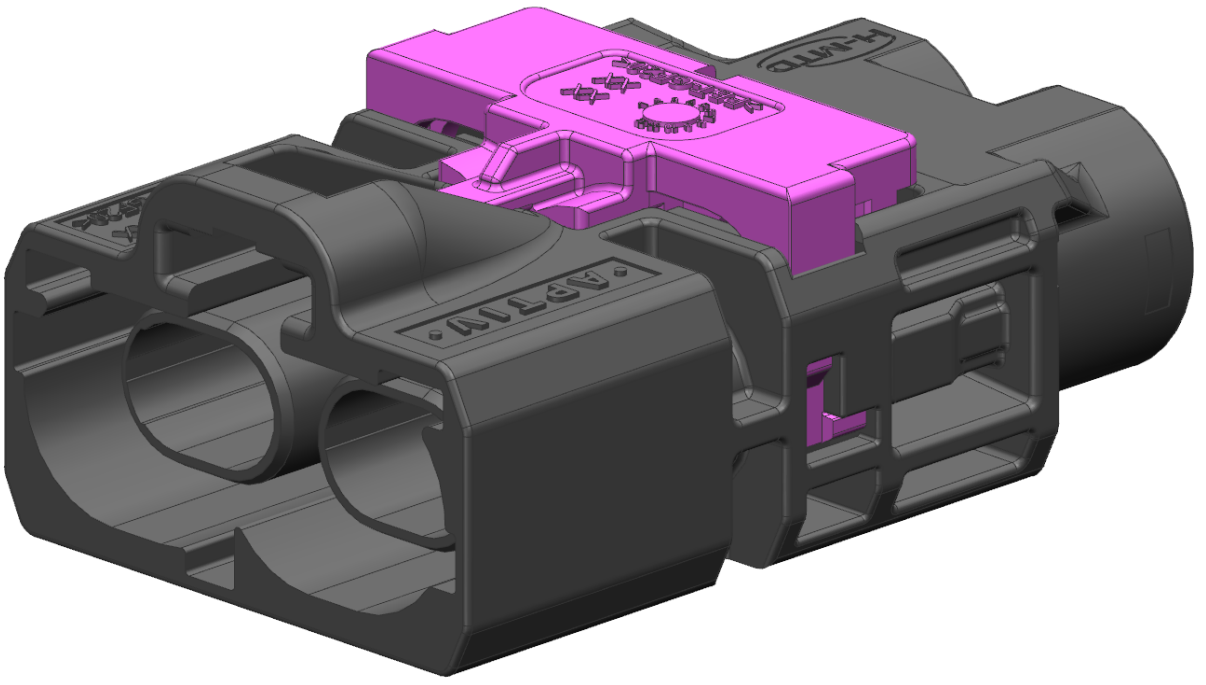


CPA IS NOW IN PRE-STAGE POSITION

ASSEMBLY OF THE MALE CONNECTOR

PRE - ASSEMBLY | HARNESS ASSEMBLY | CAR ASSEMBLY

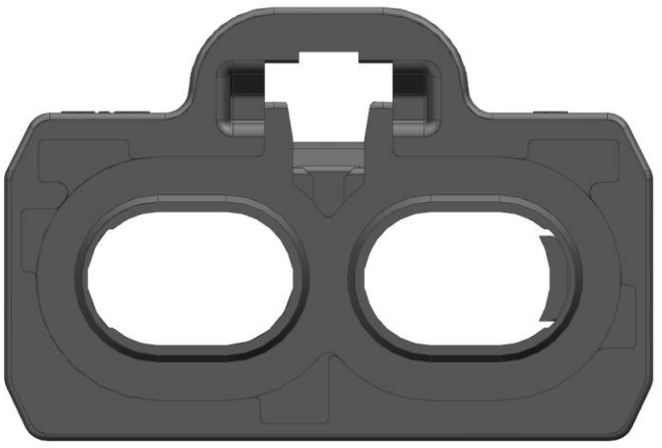
2 PORT H-MTD Unsealed Connector



VIEW OF VERSIONS



**TYPE 101 – CODE A
WITH 7mm CLIP-SLOT**



**TYPE 201 – CODE A
WITHOUT CLIP-SLOT**



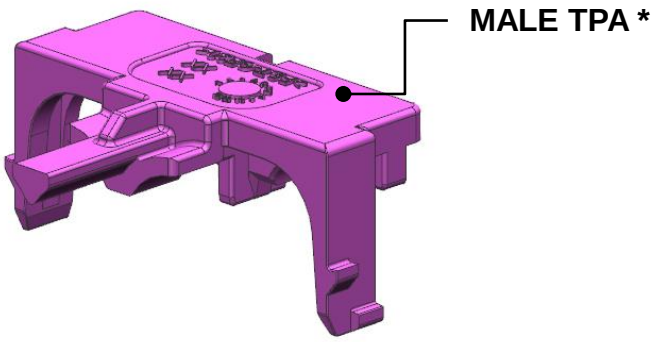
**TYPE 301 – CODE A
WITH 11mm CLIP-SLOT**

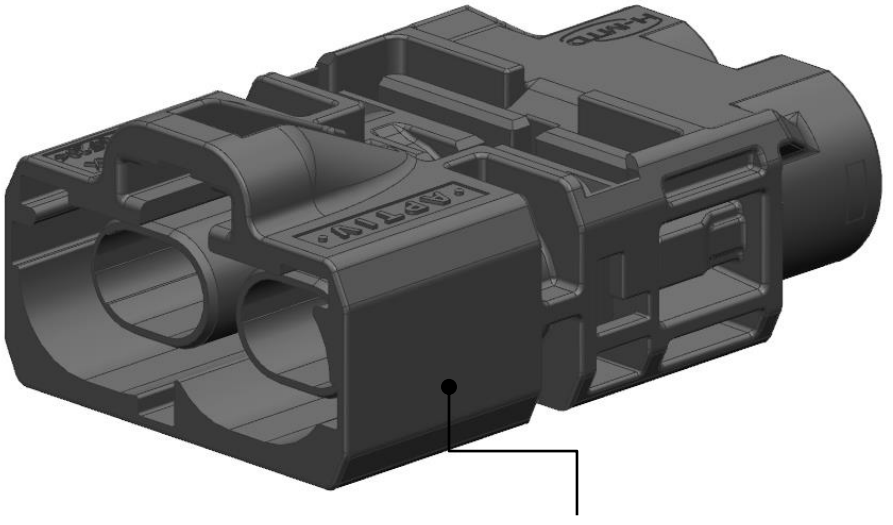
THIS CONNECTION SYSTEM HAS MULTIPLE CONFIGURATIONS, WHICH DIFFER IN THE INDEXING AND COLOR. THE METHOD OF ASSEMBLY IS THE SAME FOR ALL CONNECTORS REGARDLESS OF THEIR DIFFERENCES. REFER TO LATEST TAXI ASSEMBLY DRAWINGS FOR AVAILABLE KEYING OPTIONS AND DETAILS.

LIST OF COMPONENTS & EXPLODED VIEW

QUANTITY	COMPONENTS
1	MALE CONNECTOR HOUSING *
1	MALE TPA*

ADDITIONAL INFORMATION AND REFERENCE TO ANOTHER DRAWINGS, DOCUMENTS, ETC. FOR EXAMPLE: REFER TO LATEST DRAWINGS FOR PART NUMBERS AND DETAILS





MALE CONNECTOR HOUSING*

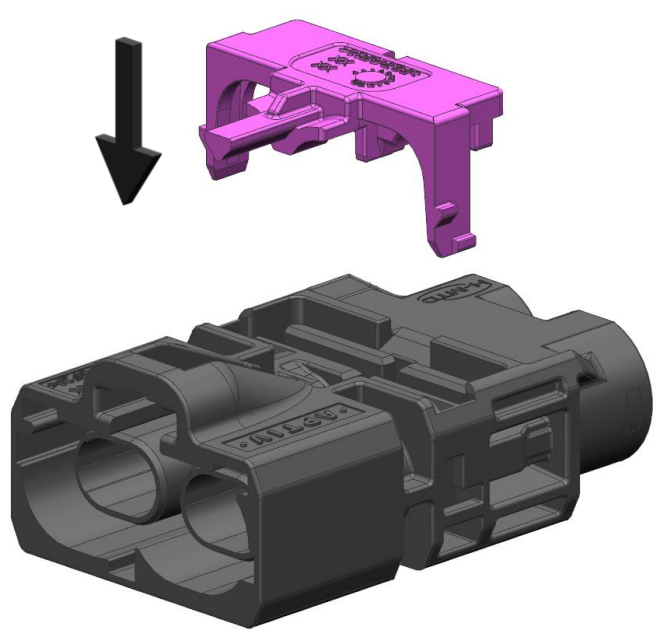
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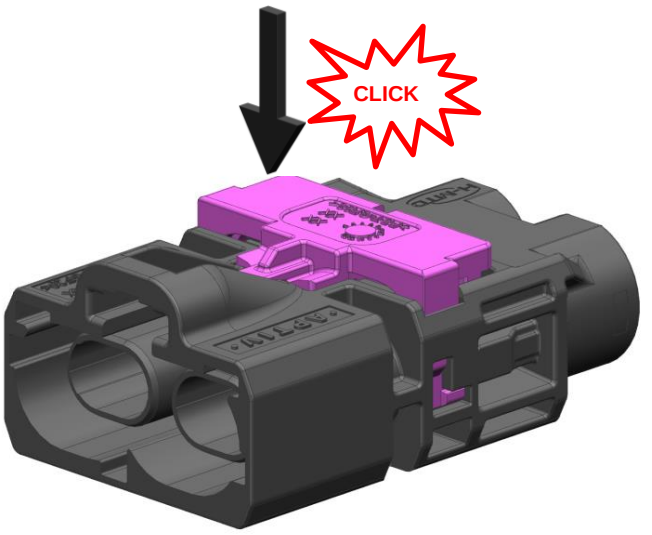
Step-1a Install TPA to Pre-Stage Position

PRE-ASSEMBLY

1 **IDENTIFY THE CORRECT ORIENTATION OF THE TPA AND ALIGN IT WITH THE CONNECTOR HOUSING**



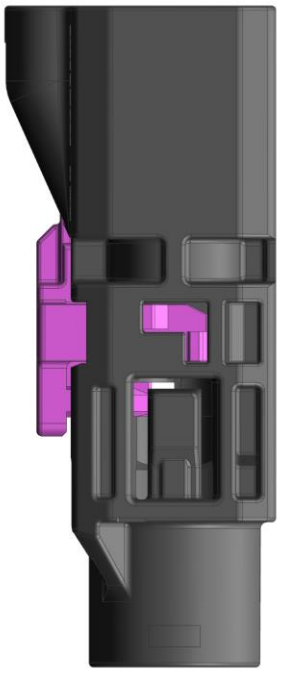
2 **PUSH THE TPA ON TO THE CONNECTOR HOUSING**

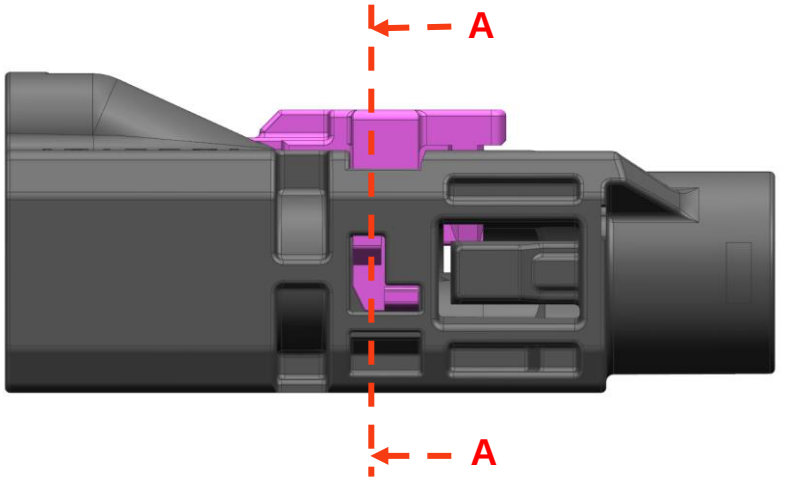


VERIFY AUDIBLE CLICK

STEP 1b – Install TPA to Pre-Stage Position

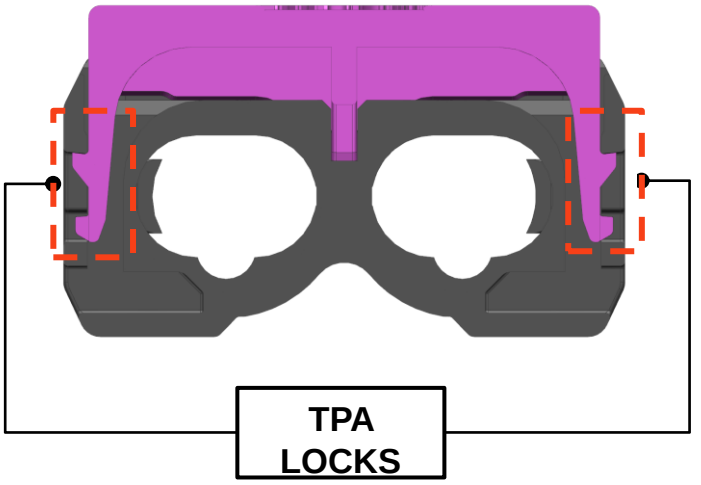
VERIFY THE TPA IS IN PRE-STAGE AND EVENLY LOCKED



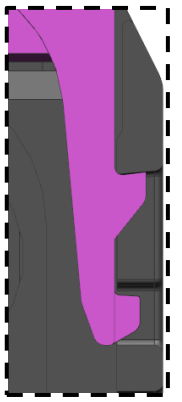


STEP 1c – Install TPA to Pre-Stage Position

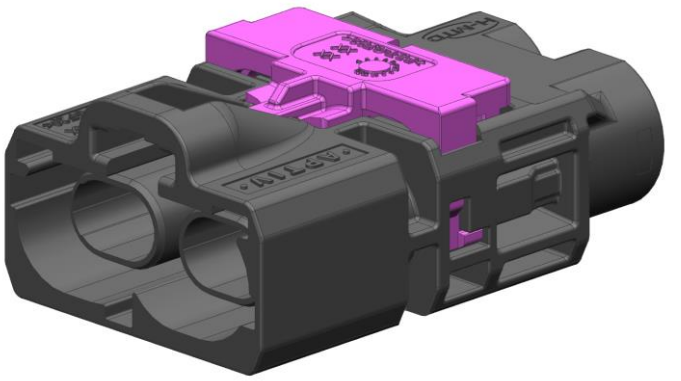
THE TPA MUST BE PARALLEL WITH THE CONNECTOR HOUSING AND LOCKED IN THE FIRST SET OF SLOTS



SECTION A-A

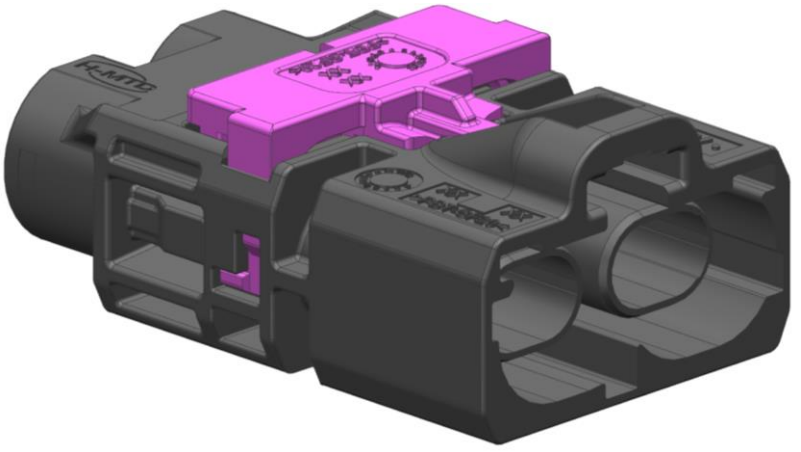


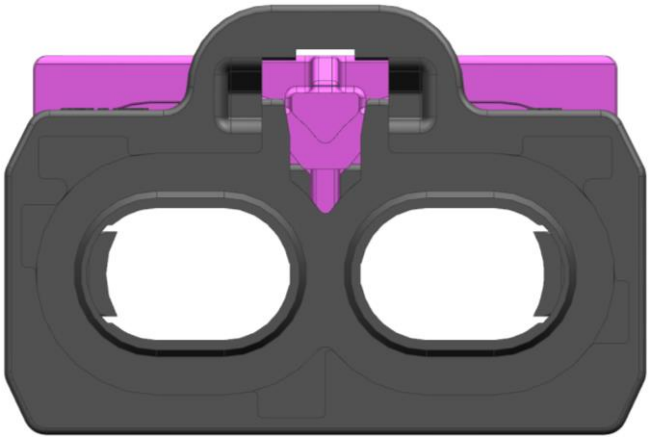
DETAIL



TPA IS NOW IN PRE-STAGE POSITION

MALE CONNECTOR PRE-ASSEMBLY – COMPLETED

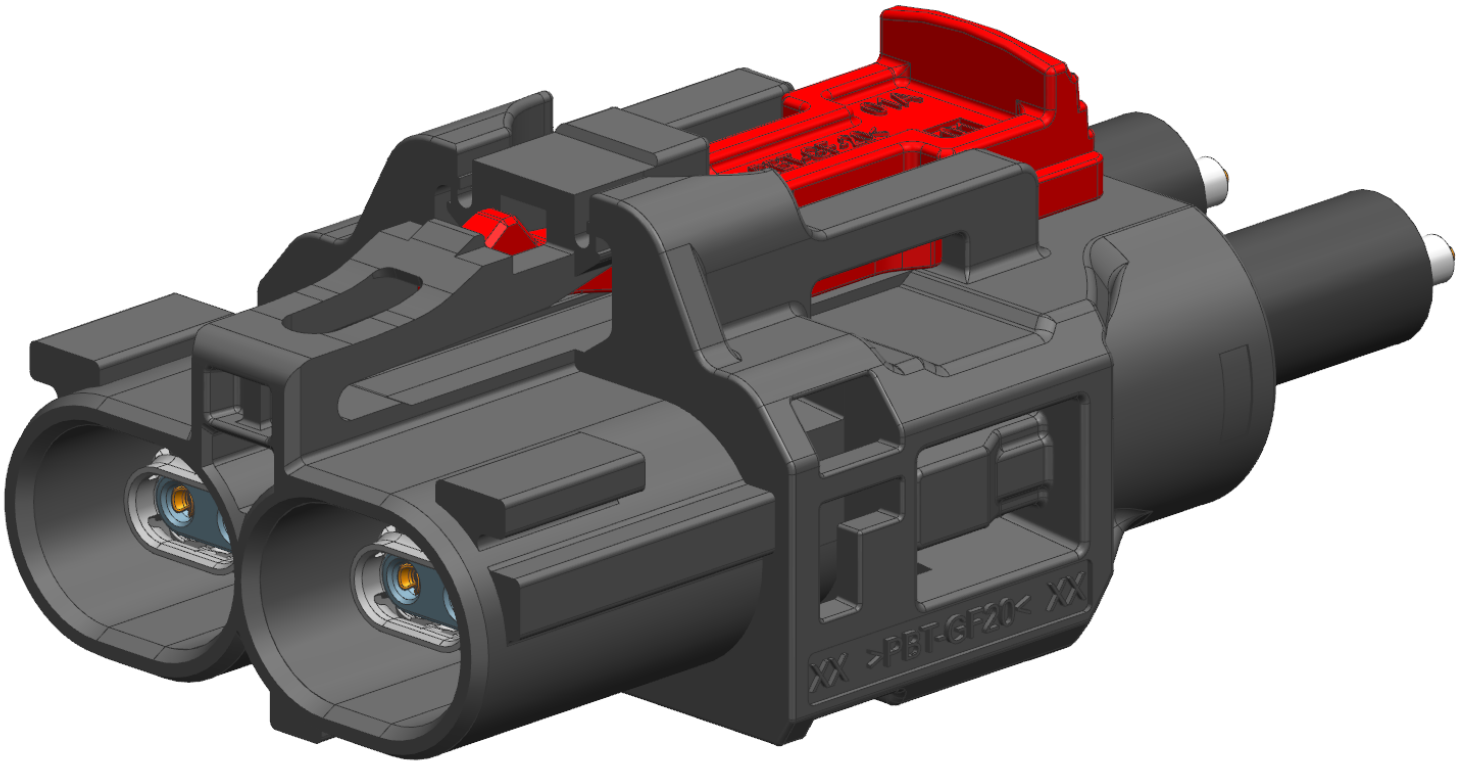




HARNESS ASSEMBLY OF THE FEMALE CONNECTOR

PRE - ASSEMBLY | **HARNESS ASSEMBLY** | CAR ASSEMBLY

2 PORT H-MTD Unsealed Connector

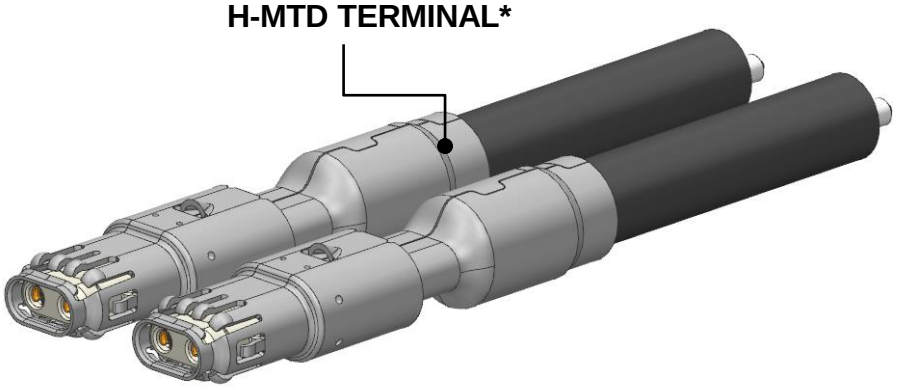


LIST OF COMPONENTS & EXPLODED VIEW

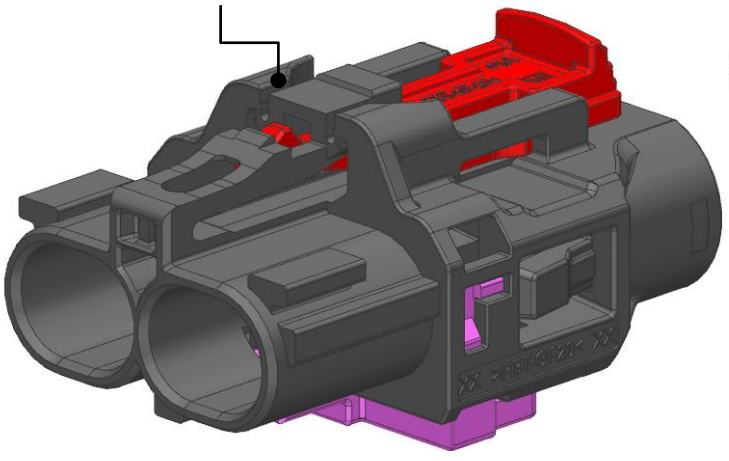
QUANTITY	COMPONENTS
1	FEMALE CONNECTOR PRE-ASSEMBLY *
2	H-MTD TERMINAL*

ADDITIONAL INFORMATION AND REFERENCE TO ANOTHER DRAWINGS, DOCUMENTS, ETC. FOR EXAMPLE: REFER TO LATEST DRAWINGS FOR PART NUMBERS AND DETAILS

H-MTD TERMINAL*



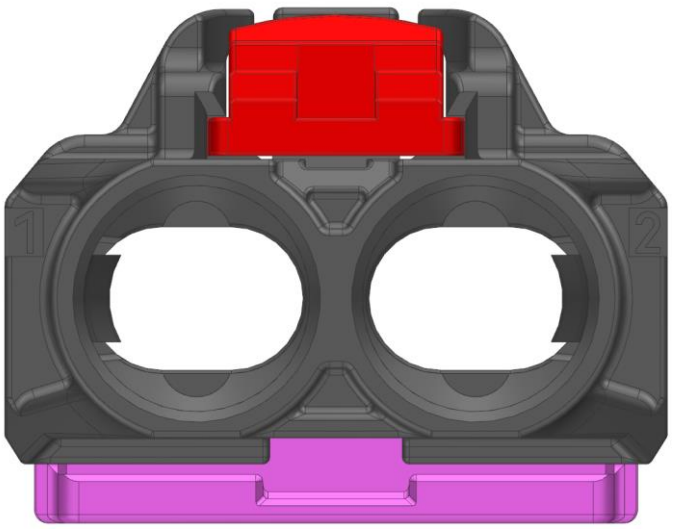
FEMALE CONNECTOR PRE-ASSEMBLY *



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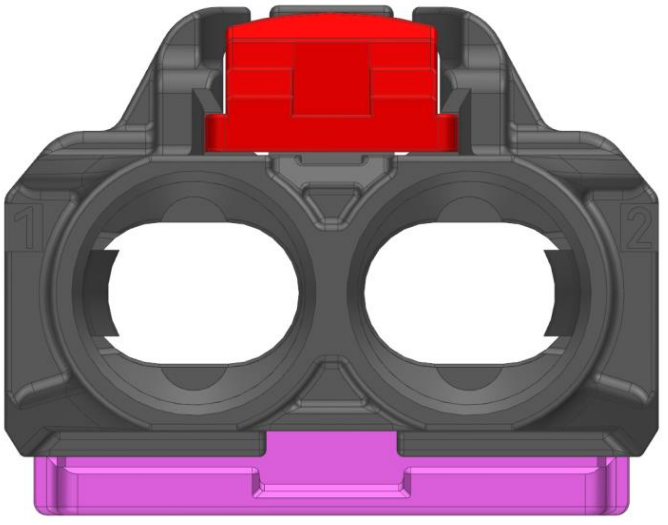
STEP 1a – Identify Cavities & Align Female H-MTD Terminals

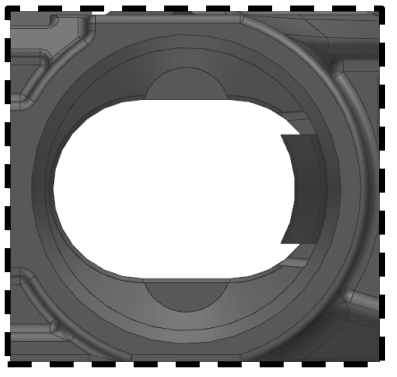


CAVITY ID NUMBERS LOCATED AT THE BACK OF THE CONNECTOR HOUSING

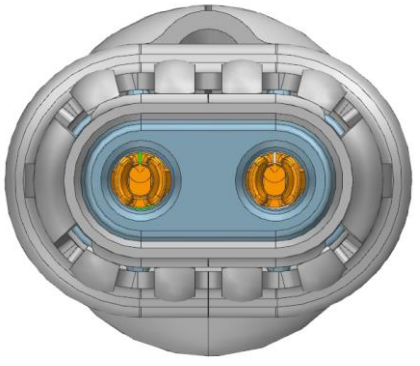
STEP 1b – Identify Cavities & Align Female H-MTD Terminals

INSERT FEMALE TERMINALS INTO RECEPTACLE HOUSING ACCORDING TO INSERTION PLAN





BACK VIEW

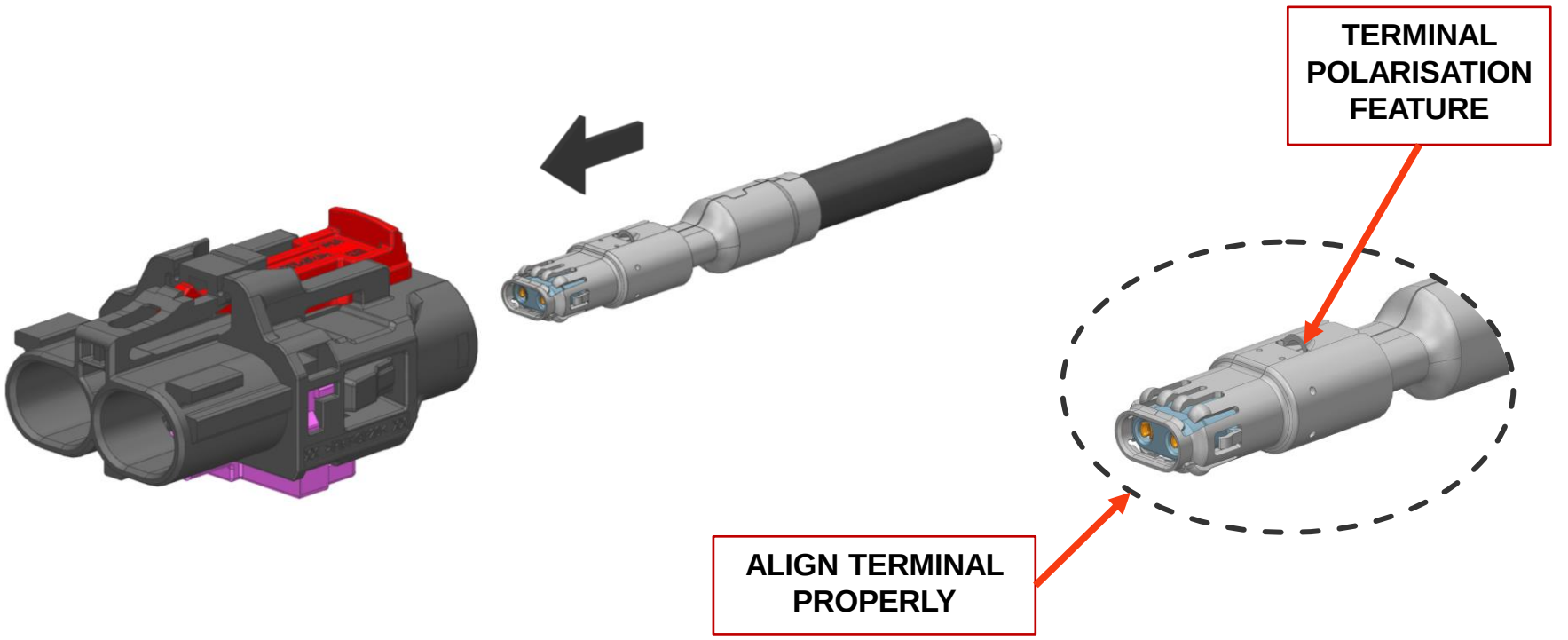


FRONT VIEW

STEP 2a– Insert Female H-MTD Terminals

1

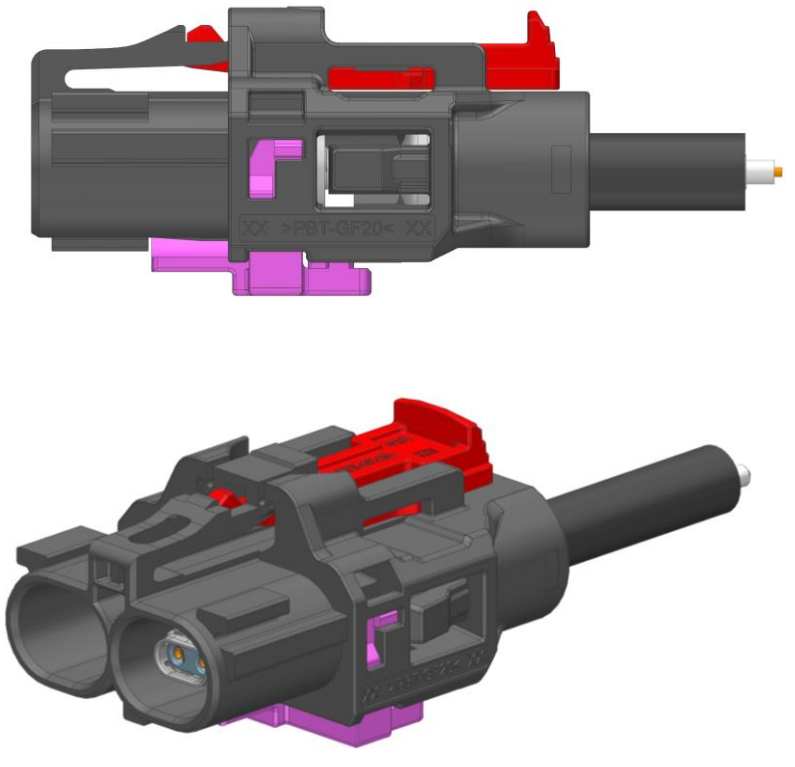
IDENTIFY THE CORRECT ORIENTATION OF THE TERMINAL AND ALIGN IT WITH THE CONNECTOR PRE-ASSEMBLY



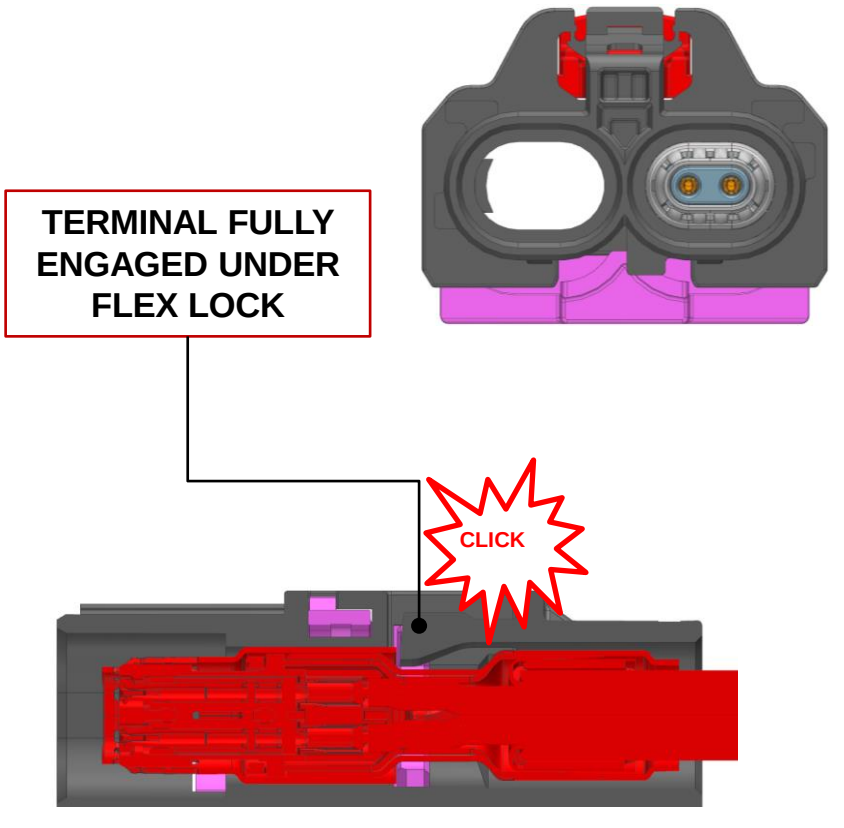
STEP 2b – Insert Female H-MTD Terminals

2

PUSH THE TERMINAL STRAIGHT INTO THE CAVITY

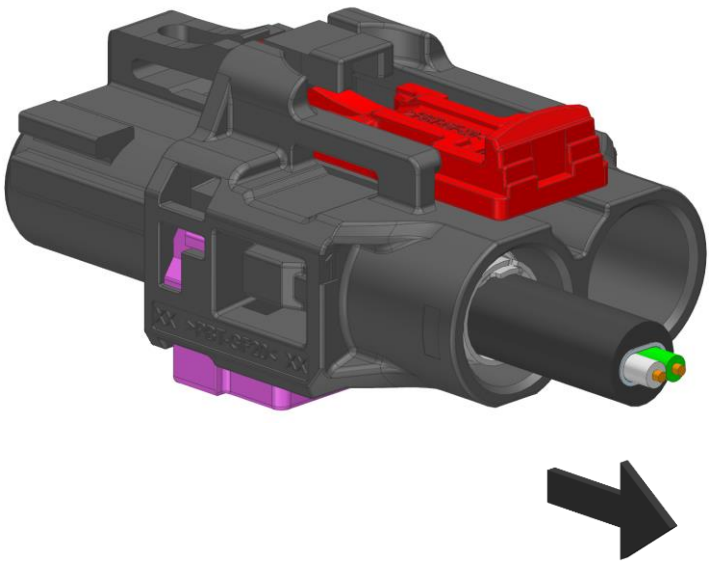


VERIFY AUDIBLE CLICK



STEP 2c – Insert Female H-MTD Terminals

3 **GENTLY PULL THE CABLE TO VERIFY THE LOCK SYSTEM**

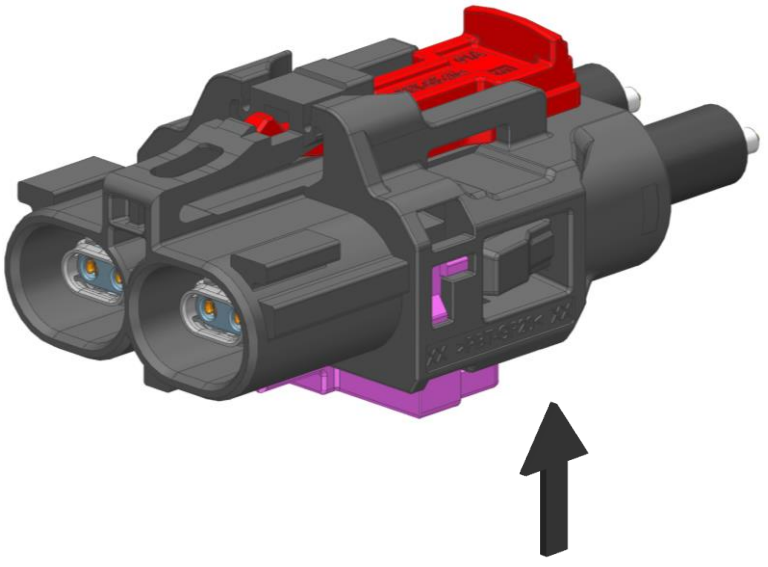


4 **REPEAT THE SAME PROCEDURE TO INSERT THE ANOTHER TERIMINAL**

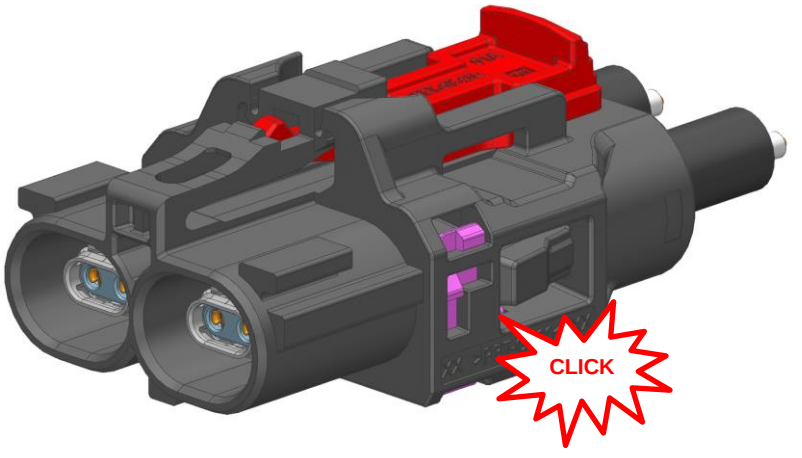


Step 3a – Lock TPA to Full Stage Position

1 **PUSH THE TPA FORWARD TO FULLY SEAT**



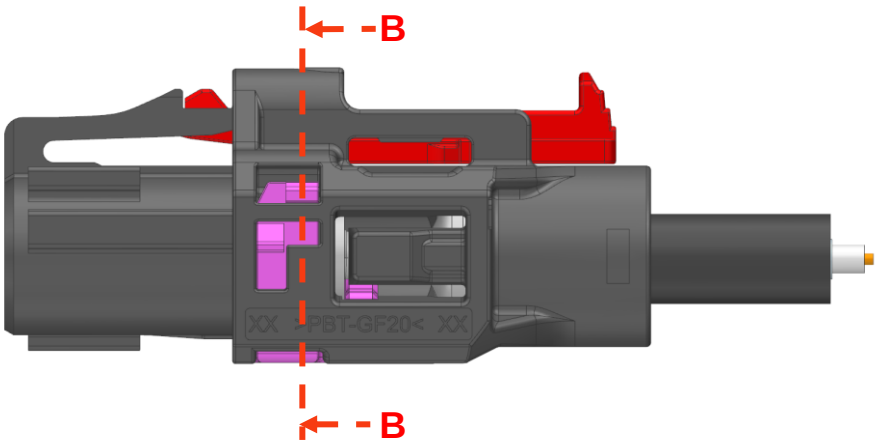
2 **THE TPA MUST BE PARALLEL WITH THE CONNECTOR AND LOCKED IN THE SECOND SET OF SLOTS**

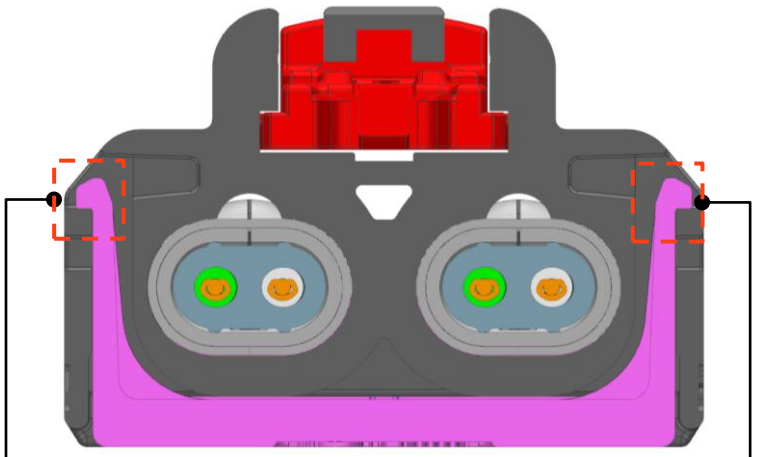


VERIFY AUDIBLE CLICK

Step 3b – Lock TPA to Full Stage Position

***DO NOT FORCE THE TPA, IF IT CANNOT BE LOCKED, REVIEW IF TERMINALS ARE FULLY SEATED**

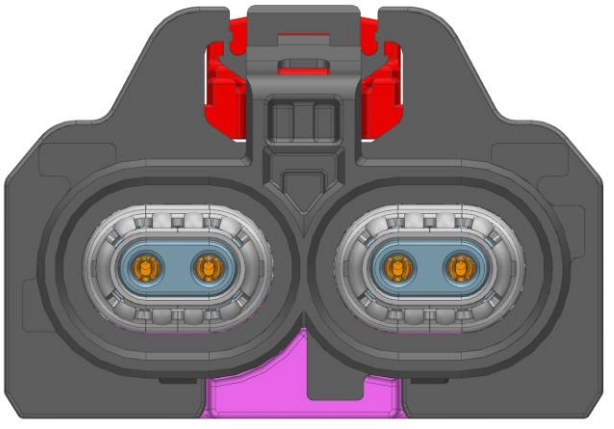


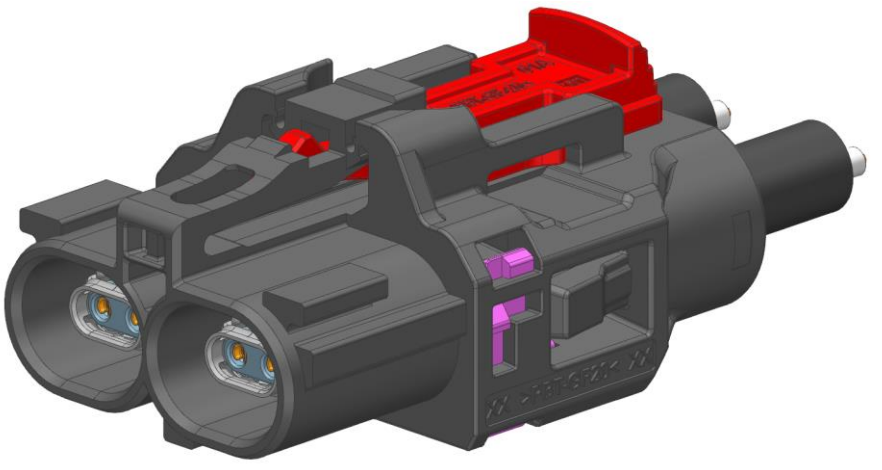


SECTION B-B

TPA IS NOW IN FINAL STAGE POSITION

FEMALE HARNESS ASSEMBLY – COMPLETED



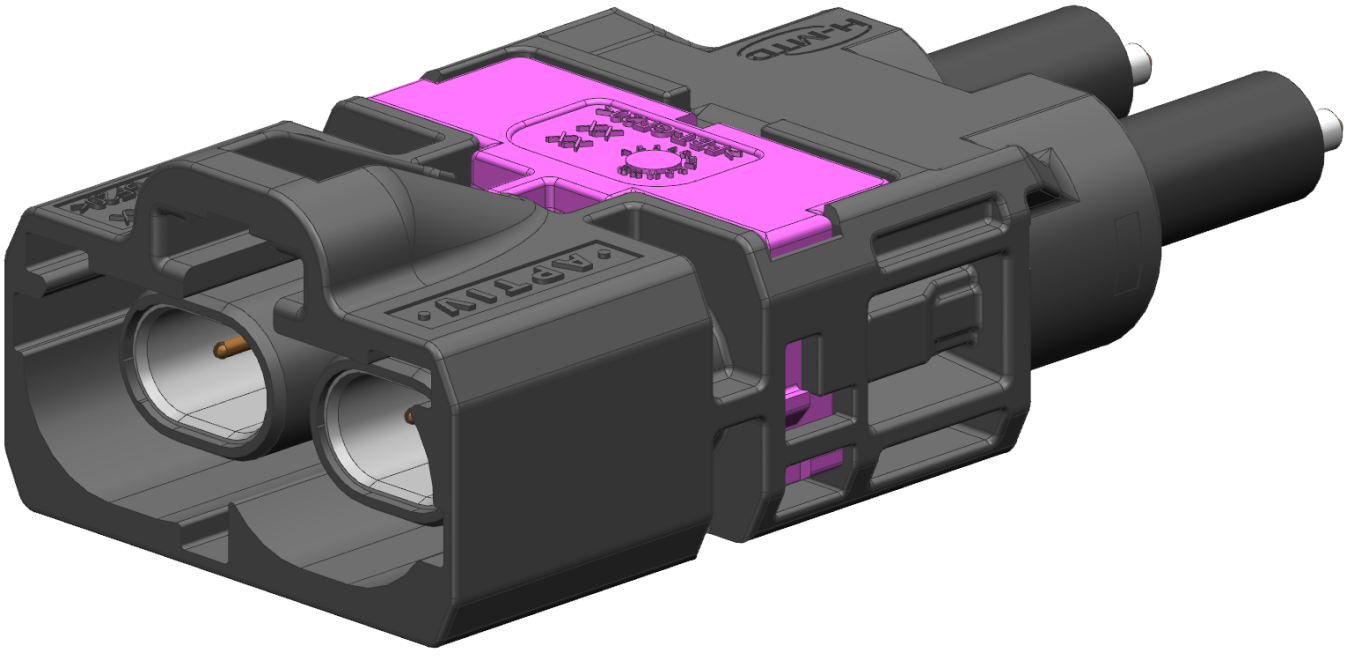


PERFORM TESTS, APPLY COVERINGS AS REQUIRED. INSPECT THE ASSEMBLY.

HARNESS ASSEMBLY OF THE MALE CONNECTOR

PRE - ASSEMBLY | **HARNESS ASSEMBLY** | CAR ASSEMBLY

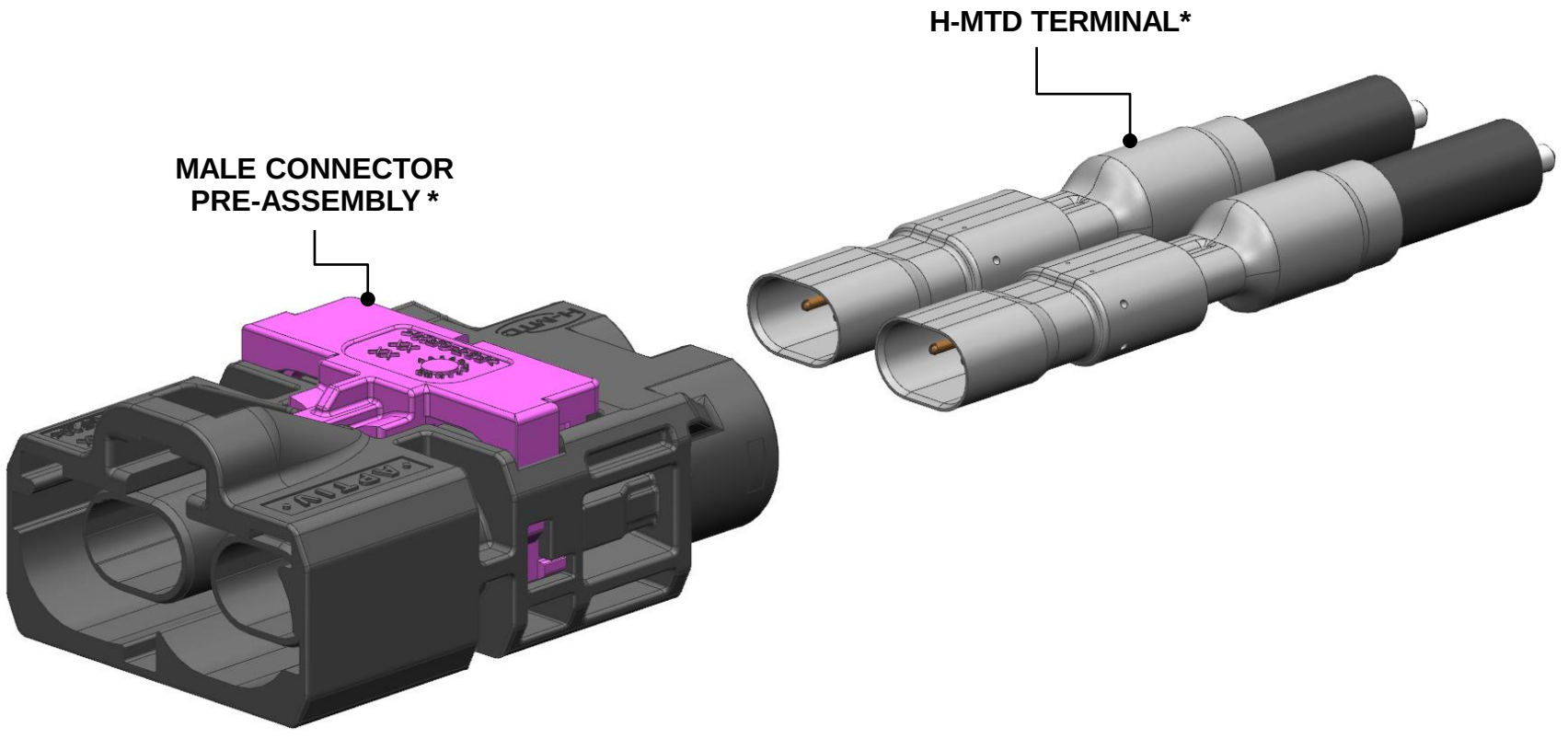
2 PORT H-MTD Unsealed Connector



LIST OF COMPONENTS & EXPLODED VIEW

QUANTITY	COMPONENTS
1	MALE CONNECTOR PRE-ASSEMBLY *
2	H-MTD TERMINAL*

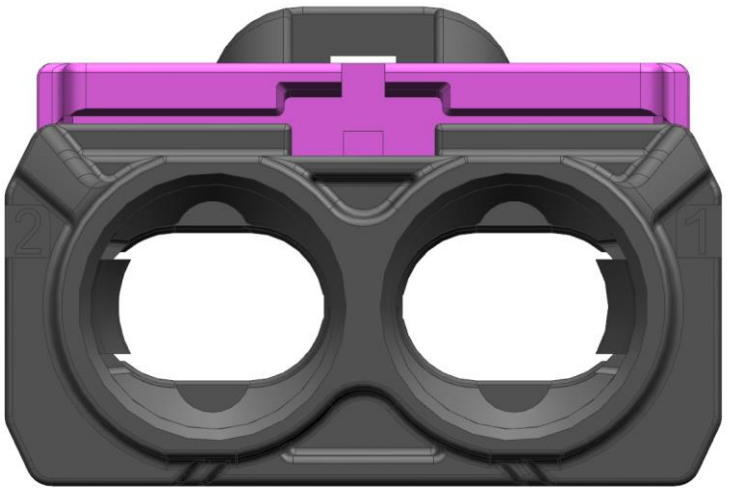
ADDITIONAL INFORMATION AND REFERENCE TO ANOTHER DRAWINGS, DOCUMENTS, ETC. FOR EXAMPLE: REFER TO LATEST DRAWINGS FOR PART NUMBERS AND DETAILS



* THE PRODUCT AND ITS SINGLE COMPONENTS MUST NOT BE DAMAGED DURING THE ASSEMBLY PROCESS. CHEMICAL OR MECHANICAL DAMAGE IS NOT ALLOWED. THE PRODUCT SHALL NOT BE EXPOSED TO ENVIRONMENTAL POLLUTION DURING STORAGE OR ASSEMBLY. THE COMPONENTS SHOULD BE USED ON A FIFO (FIRST IN FIRST OUT) BASIS. STORAGE ALLOWED ONLY IN ORIGINAL UNOPENED SHIPPING CONTAINERS. SHELF LIFE OF 1 YEAR MAXIMUM FROM DATE OF ARRIVAL.
PERMISSIBLE STORAGE TEMPERATURE: MIN. 10°C, MAX. 45°C & <75% RH.

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

STEP 1a – Identify Cavities & Align Male H-MTD Terminals



CAVITY ID NUMBERS LOCATED AT THE BACK OF THE CONNECTOR HOUSING

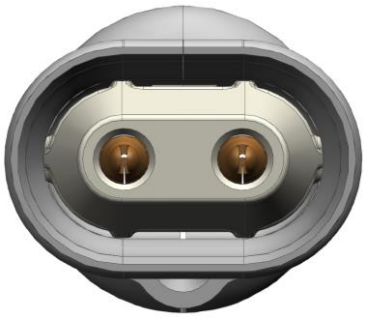
STEP 1b – Identify Cavities & Align Male H-MTD Terminals

INSERT FEMALE TERMINALS INTO RECEPTACLE HOUSING ACCORDING TO INSERTION PLAN





BACK VIEW

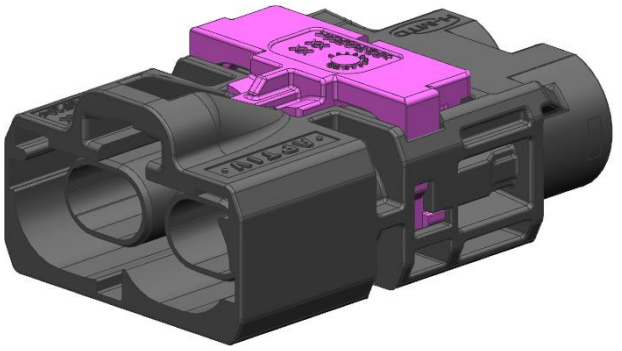


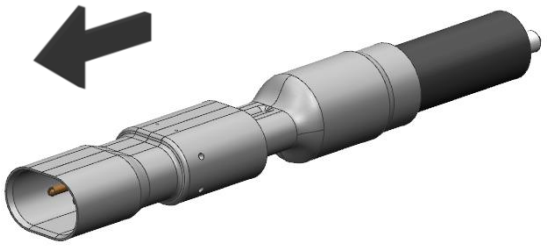
FRONT VIEW

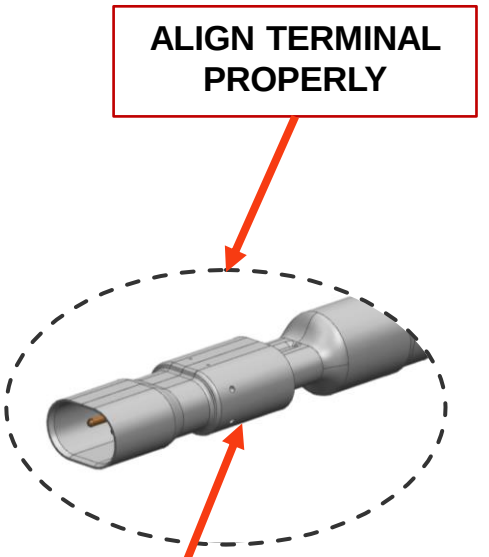
STEP 2a– Insert Male H-MTD Terminals

1

IDENTIFY THE CORRECT ORIENTATION OF THE TERMINAL AND ALIGN IT WITH THE CONNECTOR PRE-ASSEMBLY



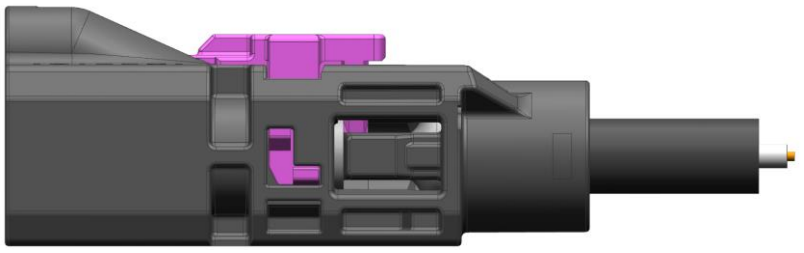


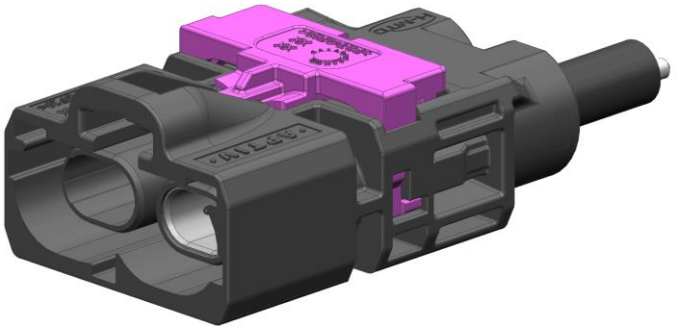


STEP 2b – Insert Male H-MTD Terminals

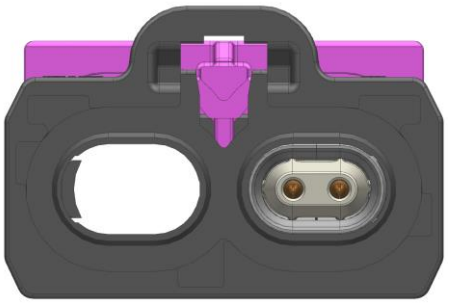
2

PUSH THE TERMINAL STRAIGHT INTO THE CAVITY

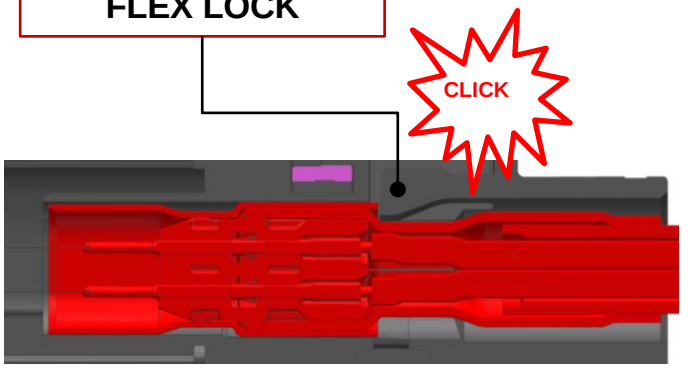




VERIFY AUDIBLE CLICK

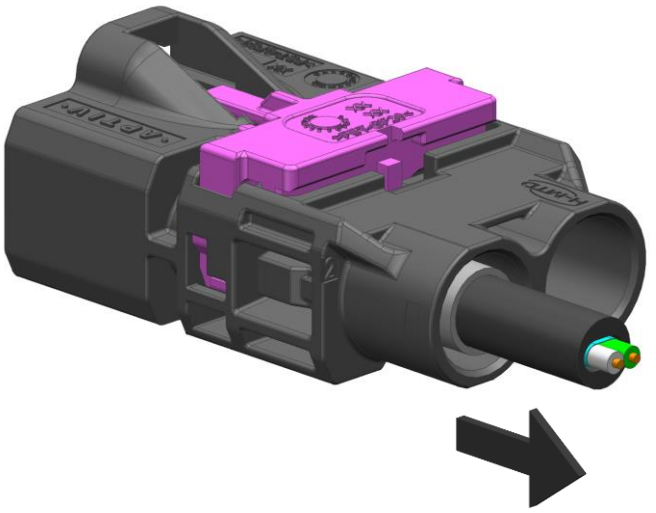


TERMINAL FULLY ENGAGED UNDER FLEX LOCK

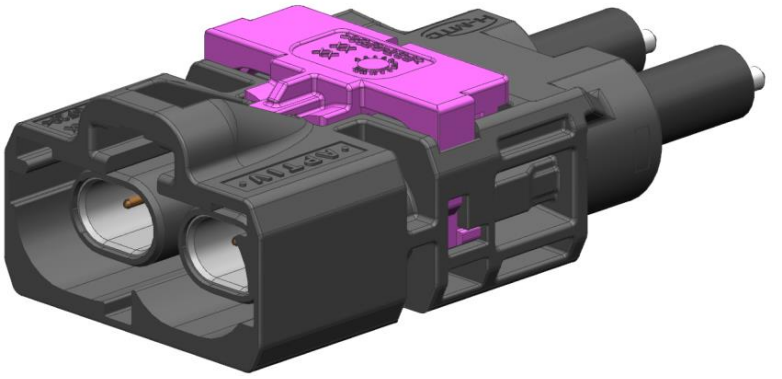


STEP 2c – Insert Male H-MTD Terminals

3 **GENTLY PULL THE CABLE TO VERIFY THE LOCK SYSTEM**

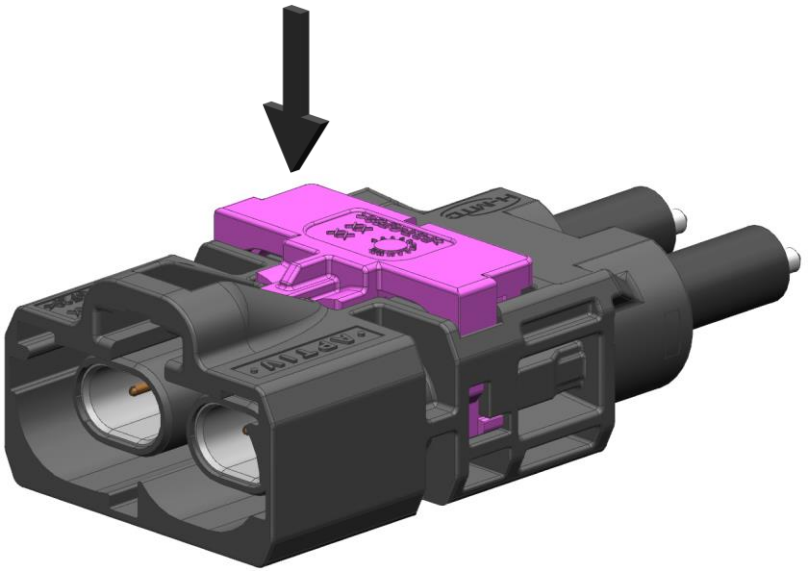


4 **REPEAT THE SAME PROCEDURE TO INSERT THE ANOTHER TERIMINAL**



Step 3a – Lock TPA to Full Stage Position

1 **PUSH THE TPA FORWARD TO FULLY SEAT**



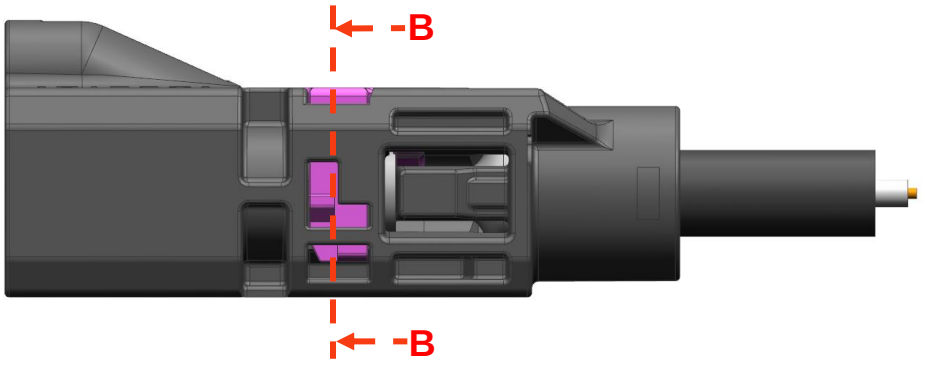
2 **THE TPA MUST BE PARALLEL WITH THE CONNECTOR AND LOCKED IN THE SECOND SET OF SLOTS**

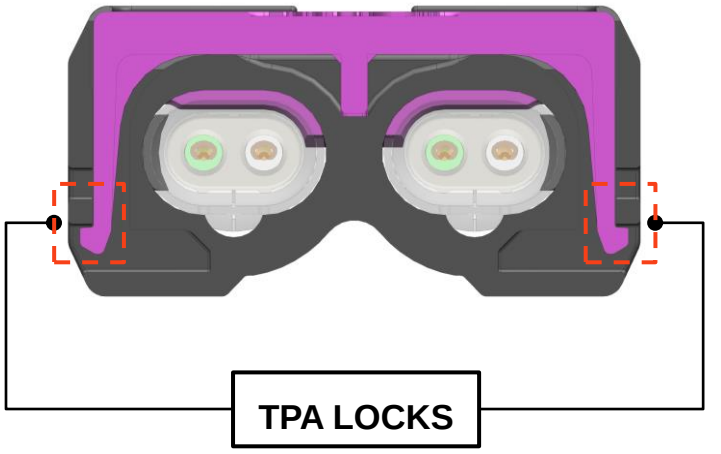


VERIFY AUDIBLE CLICK

Step 3b – Lock TPA to Full Stage Position

***DO NOT FORCE THE TPA, IF IT CANNOT BE LOCKED, REVIEW IF TERMINALS ARE FULLY SEATED**



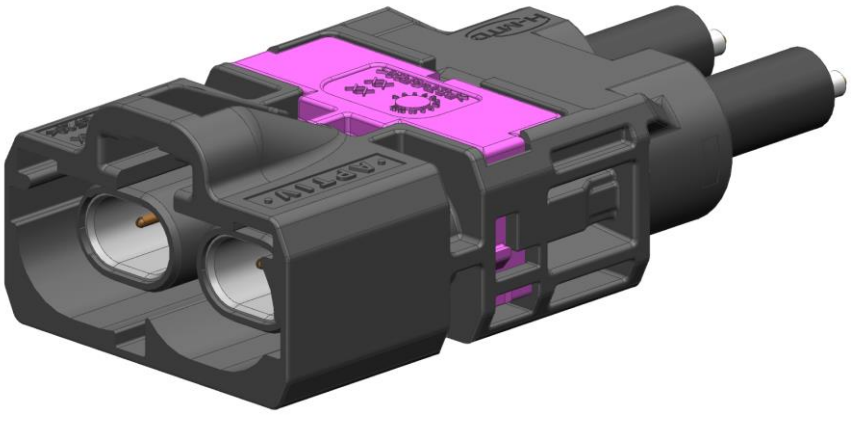


SECTION B-B

TPA IS NOW IN FINAL STAGE POSITION

MALE HARNESS ASSEMBLY – COMPLETED



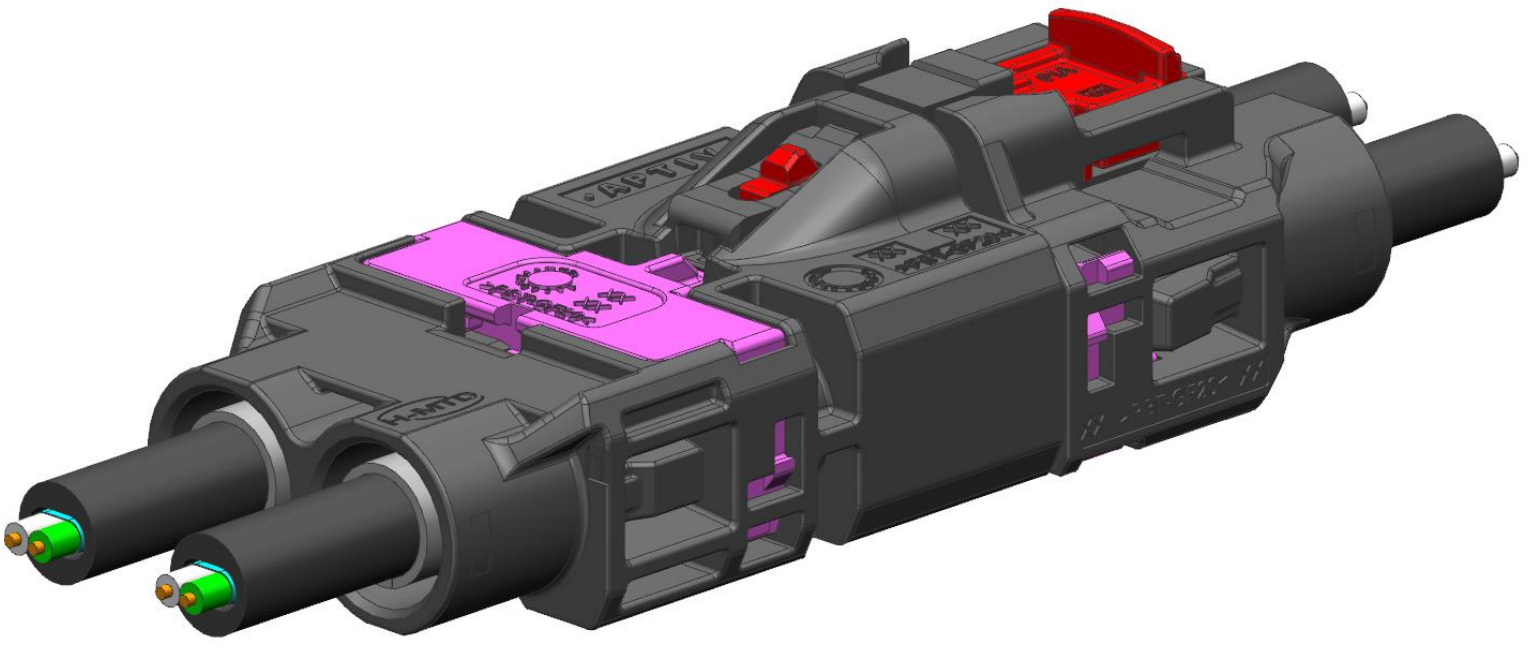


PERFORM TESTS, APPLY COVERINGS AS REQUIRED. INSPECT THE ASSEMBLY.

ASSEMBLY OF THE CONNECTION SYSTEM

PRE - ASSEMBLY | HARNESS ASSEMBLY | **CAR ASSEMBLY**

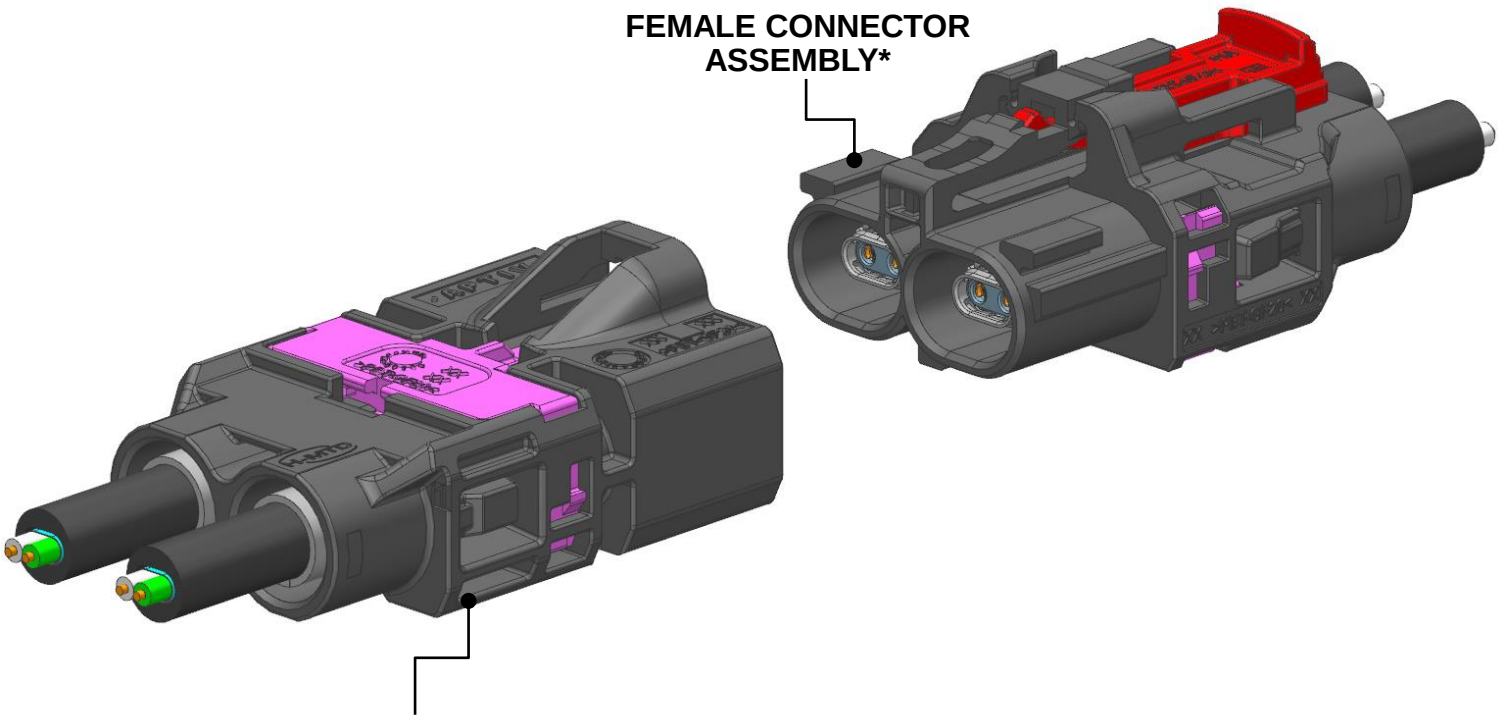
2 PORT H-MTD Unsealed Connector



LIST OF COMPONENTS & EXPLODED VIEW

QUANTITY	COMPONENTS
1	FEMALE CONNECTOR ASSEMBLY *
1	MALE CONNECTOR ASSEMBLY *

ADDITIONAL INFORMATION AND REFERENCE TO ANOTHER DRAWINGS, DOCUMENTS, ETC. FOR EXAMPLE: REFER TO LATEST DRAWINGS FOR PART NUMBERS AND DETAILS

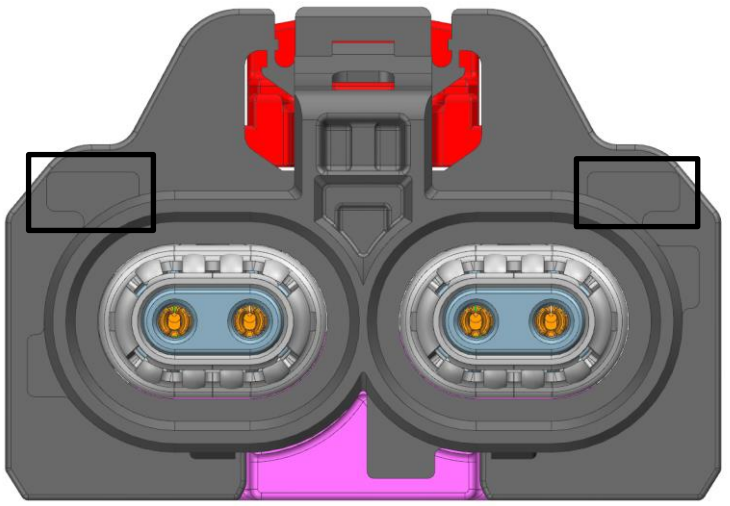


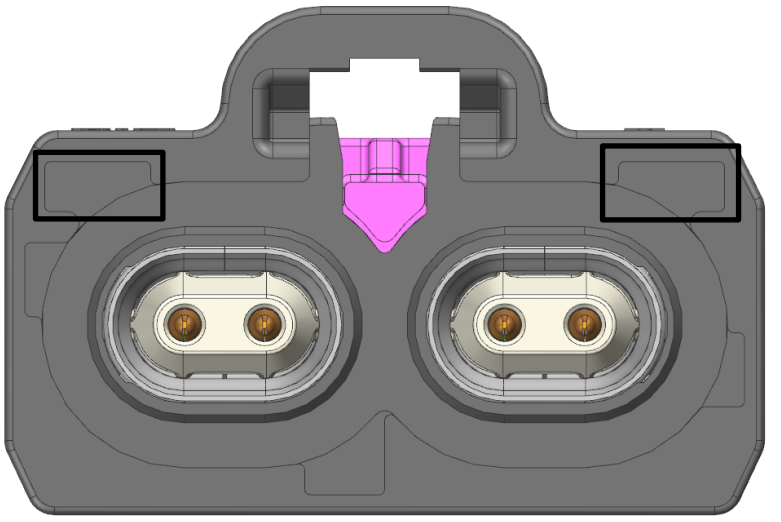
* THE PRODUCT AND ITS SINGLE COMPONENTS MUST NOT BE DAMAGED DURING THE ASSEMBLY PROCESS. CHEMICAL OR MECHANICAL DAMAGE IS NOT ALLOWED. THE PRODUCT SHALL NOT BE EXPOSED TO ENVIRONMENTAL POLLUTION DURING STORAGE OR ASSEMBLY. THE COMPONENTS SHOULD BE USED ON A FIFO (FIRST IN FIRST OUT) BASIS. STORAGE ALLOWED ONLY IN ORIGINAL UNOPENED SHIPPING CONTAINERS. SHELF LIFE OF 1 YEAR MAXIMUM FROM DATE OF ARRIVAL.
PERMISSIBLE STORAGE TEMPERATURE: MIN. 10°C, MAX. 45°C & <75% RH.

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

STEP 1 – Identify Index Features

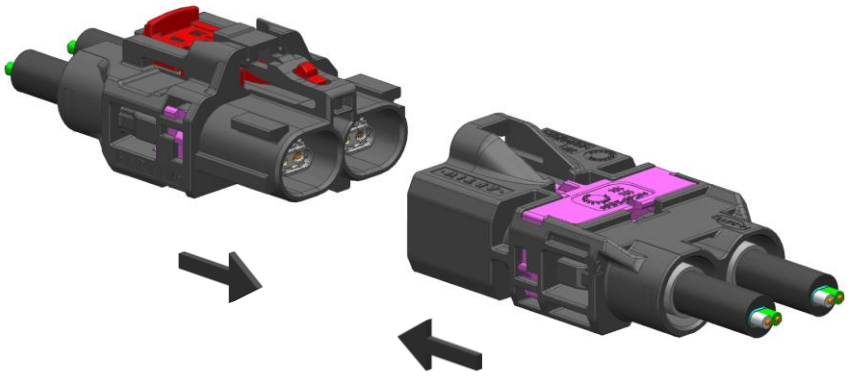
FRONT VIEWS



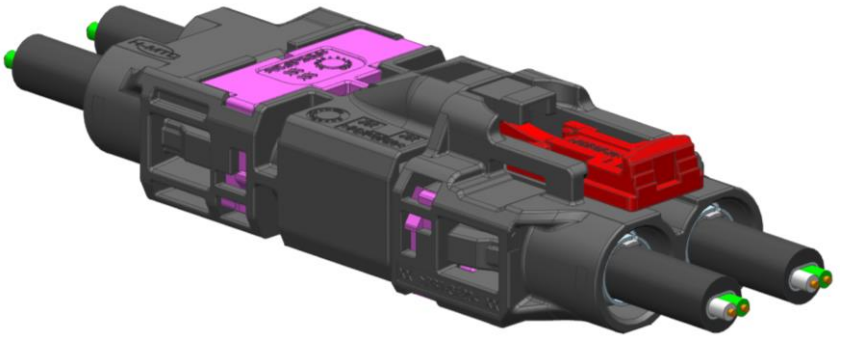


STEP 2 – Align Index Features and Mate Female Assembly and Male Assembly Together

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

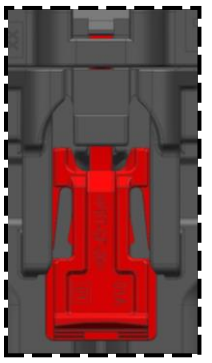


VERIFY AUDIBLE CLICK

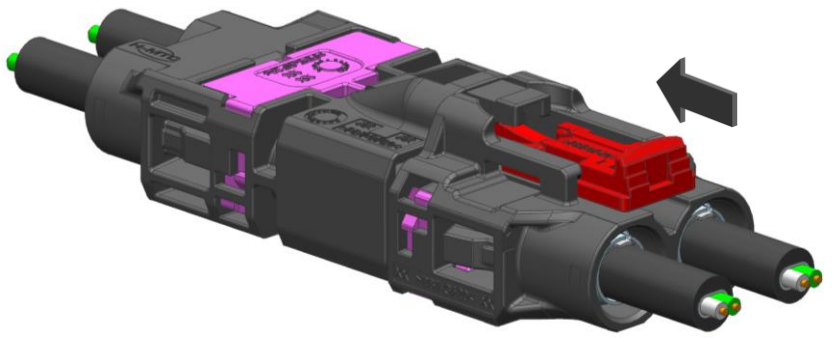


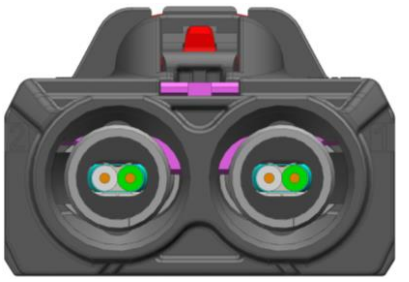
STEP 3 – Lock CPA to Final-Stage Position (Optional Component)

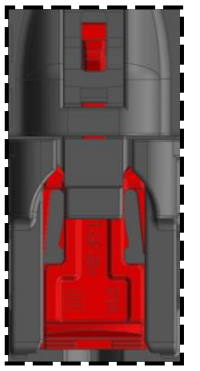
PUSH THE CPA ONTO CONNECTOR HOUSING BY SLIDING THE CPA RIBS INTO THE CONNECTOR SLOTS



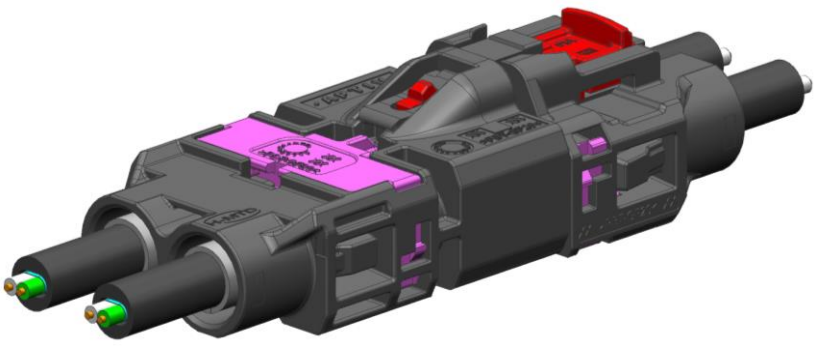
DETAIL





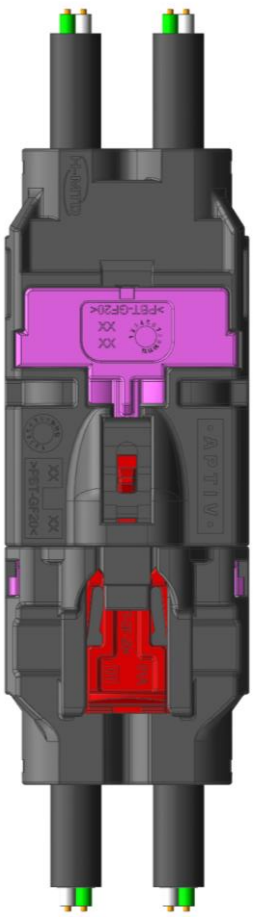


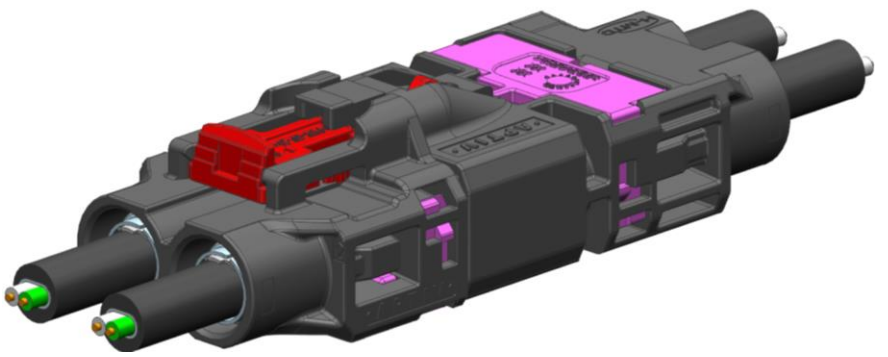
DETAIL

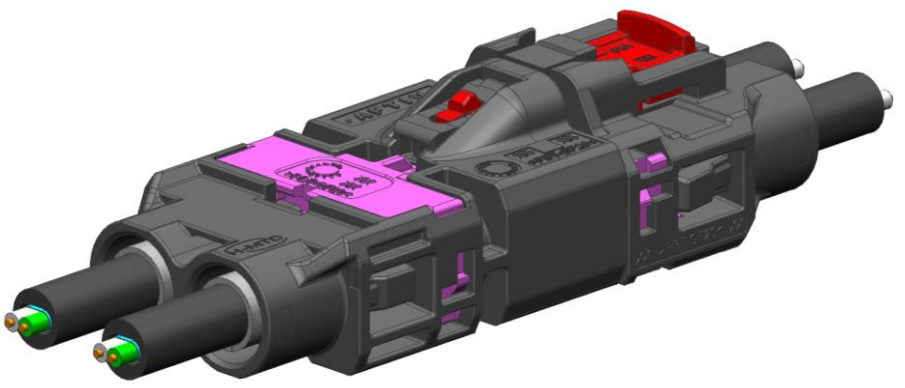


CPA IS NOW IN FINAL STAGE POSITION

CONNECTION SYSTEM ASSEMBLY COMPLETED

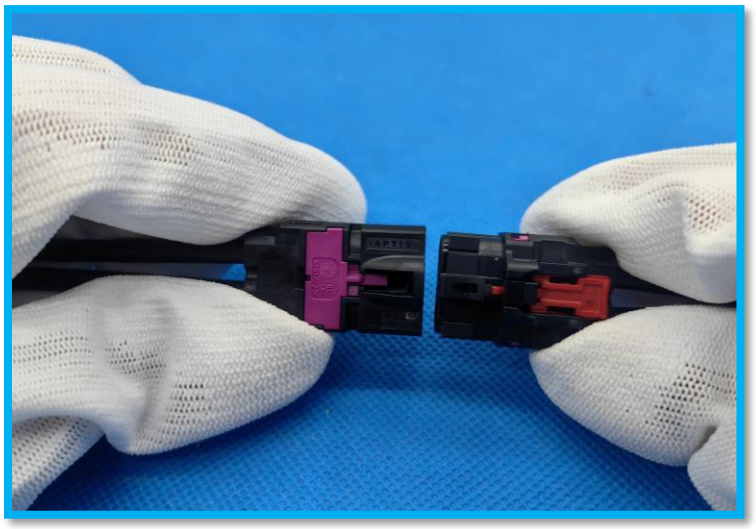


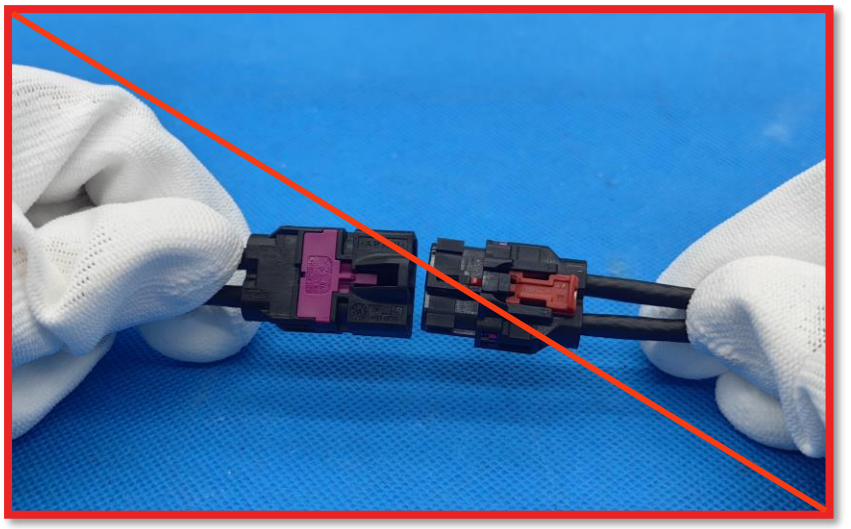




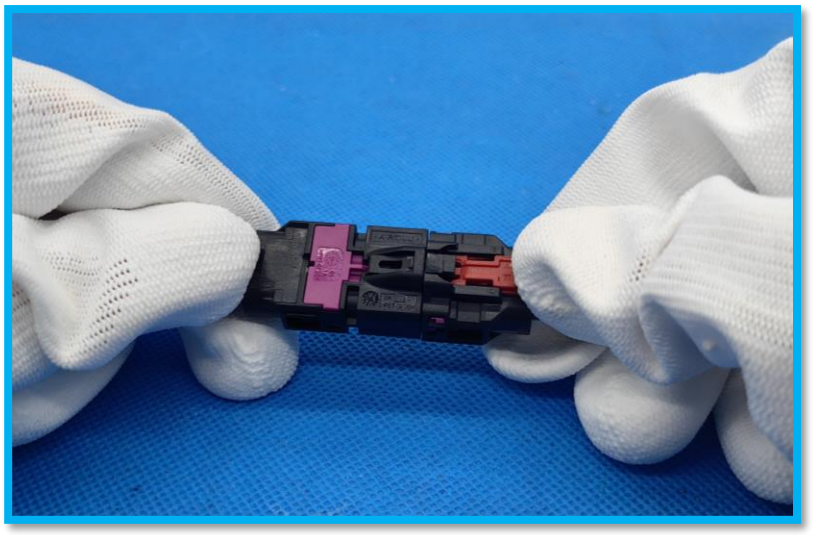
MATING PROCESS

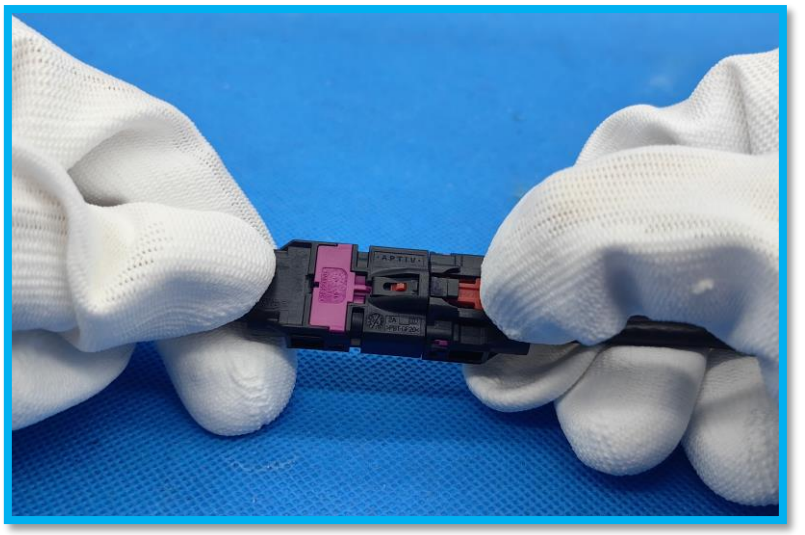
1 **THE PLASTIC HOUSING SHOULD BE HELD IN HAND DURING MATING AND PULLING OUT, NOT THE WIRING HARNESS.**





2 **ACCORDING TO APTIV DESIGN, THE CPA CAN BE PUSHED IN AND OUT BY HAND.**

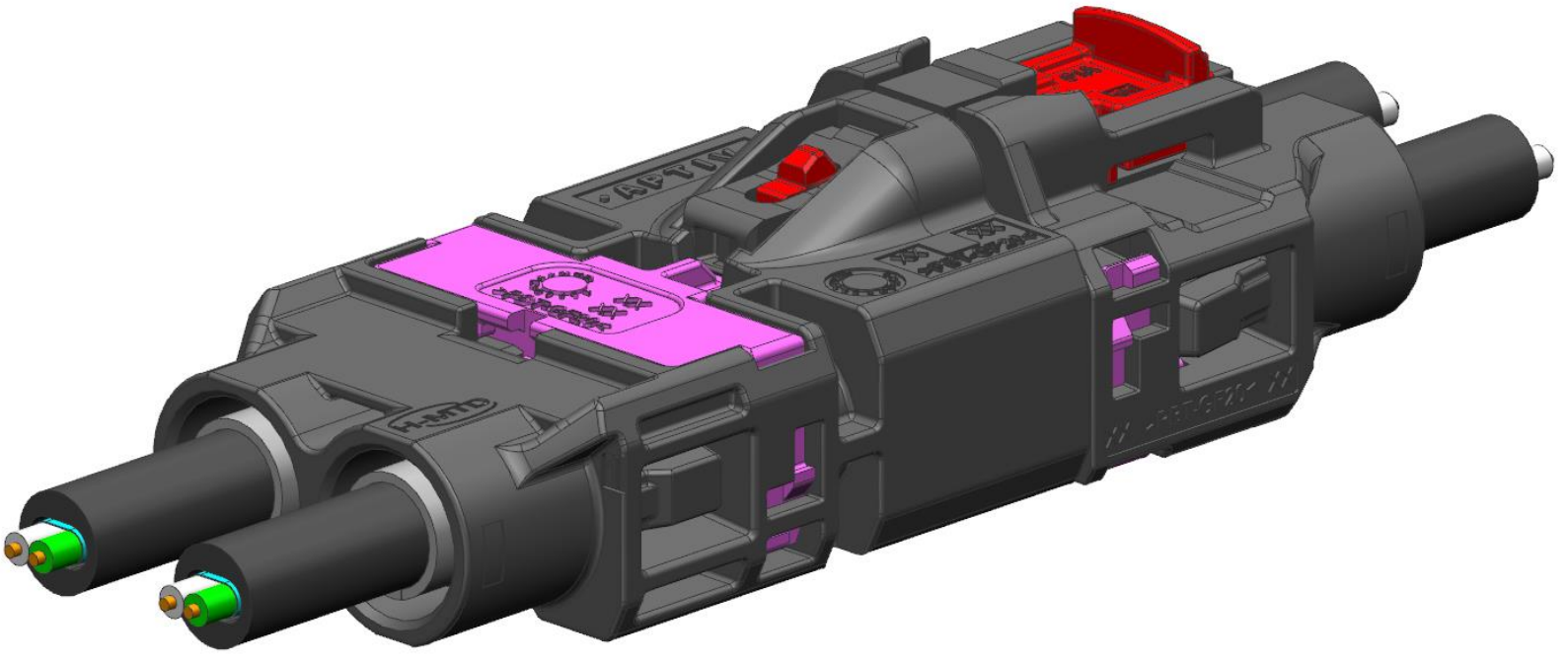




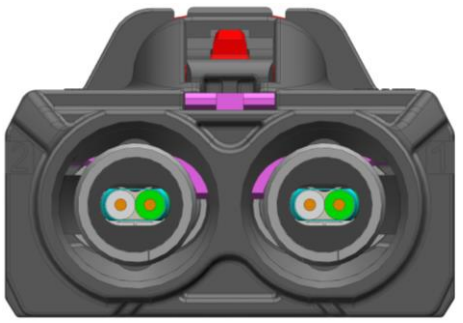
DISASSEMBLY OF THE CONNECTION SYSTEM

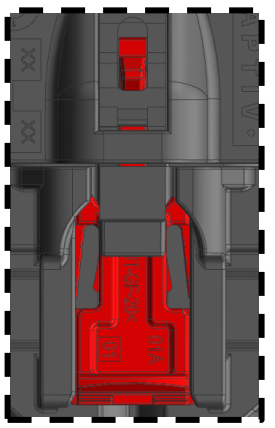
PRE - ASSEMBLY | HARNESS ASSEMBLY | **CAR ASSEMBLY**

2 PORT H-MTD Unsealed Connector



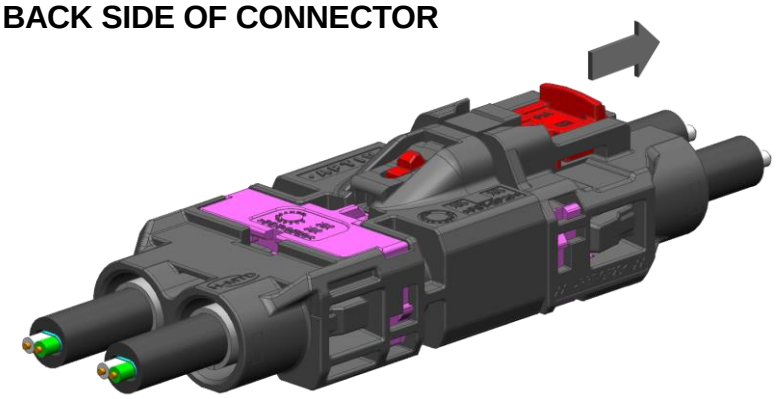
STEP 1 – Move CPA to Pre-Stage Position (Optional Component)

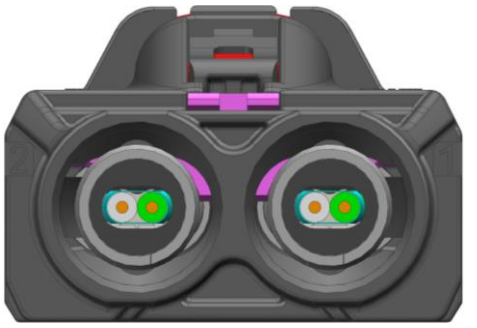


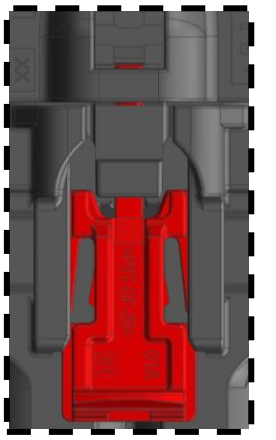


DETAIL

HOLD THE CPA AND SLIDE TO BACK SIDE OF CONNECTOR

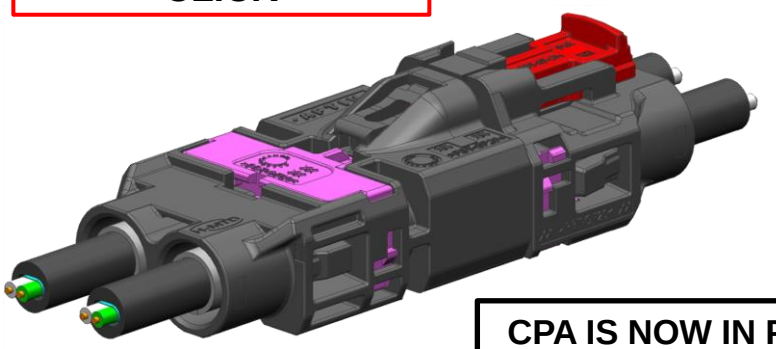






VERIFY AUDIBLE CLICK

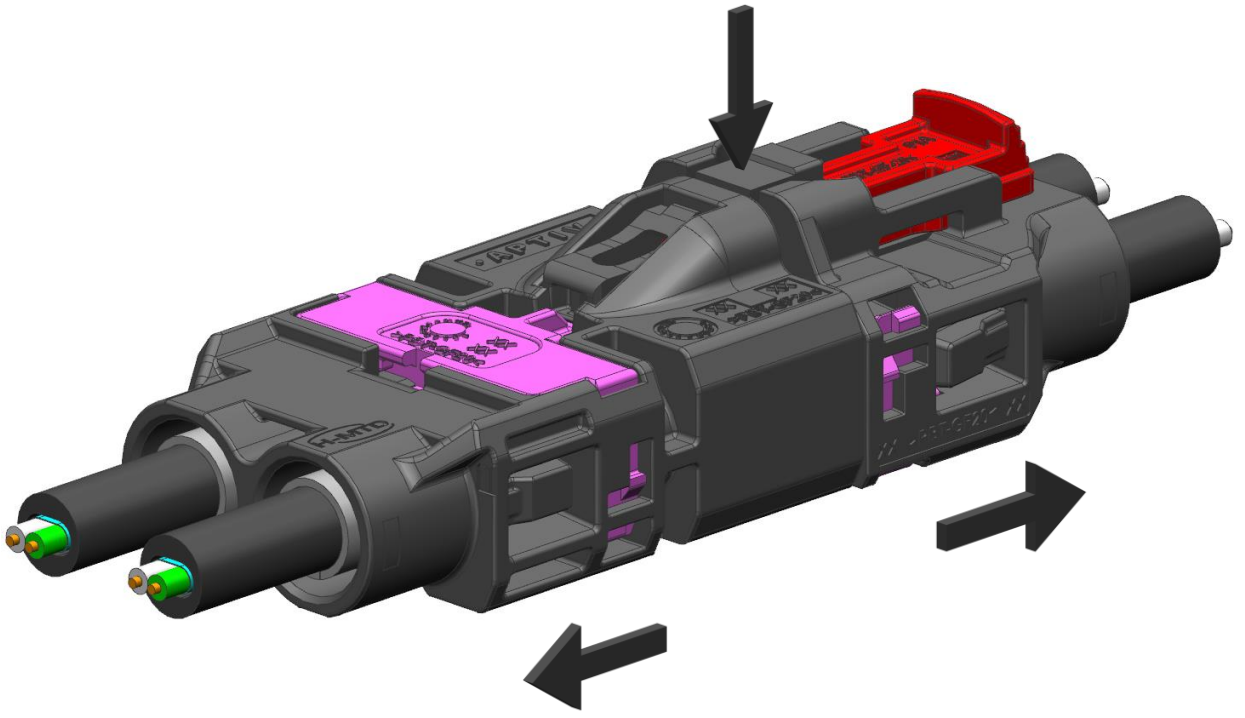
DETAIL



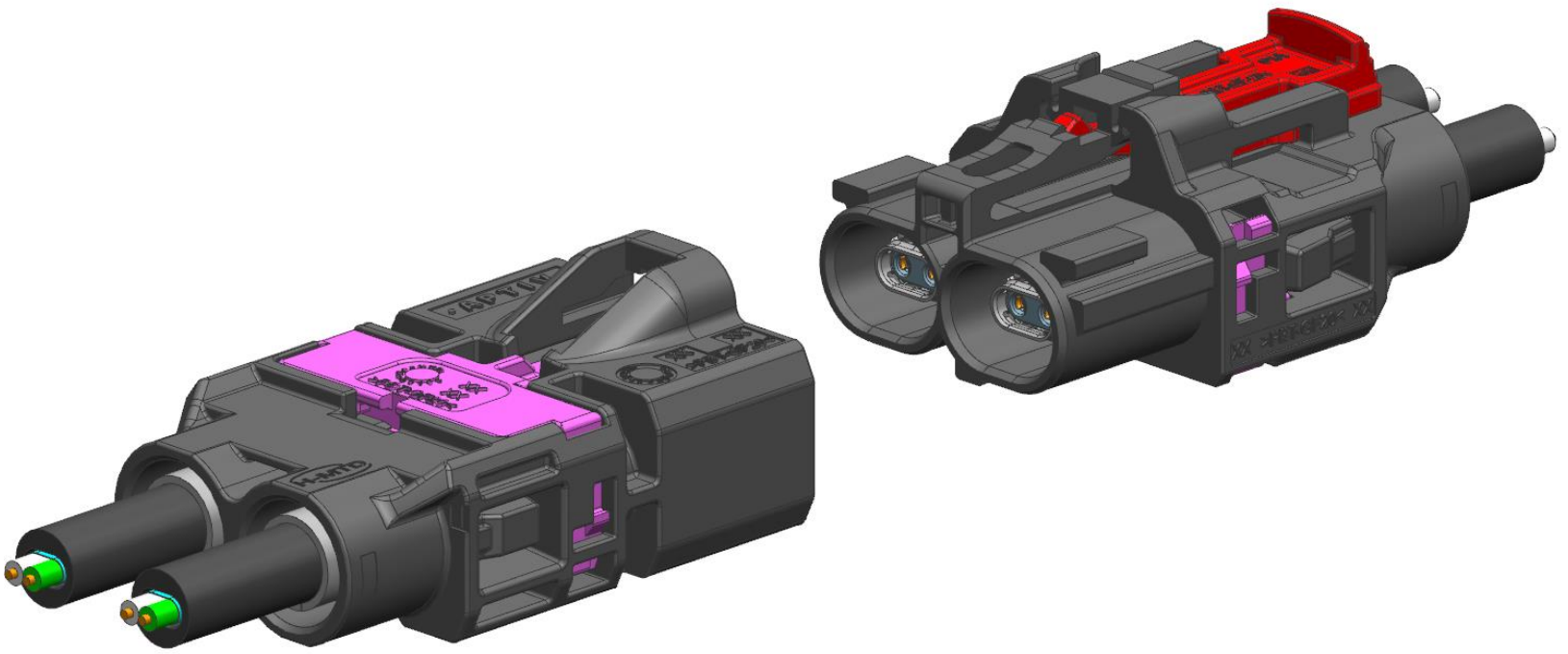
CPA IS NOW IN PRE-STAGE POSITION

STEP 2 – Disconnect

LOCATE AND PRESS DOWN THE CONNECTOR LOCK (1);
WITH THE LOCK DEFLECTED, DISENGAGE THE CONNECTOR ASSEMBLIES (2)

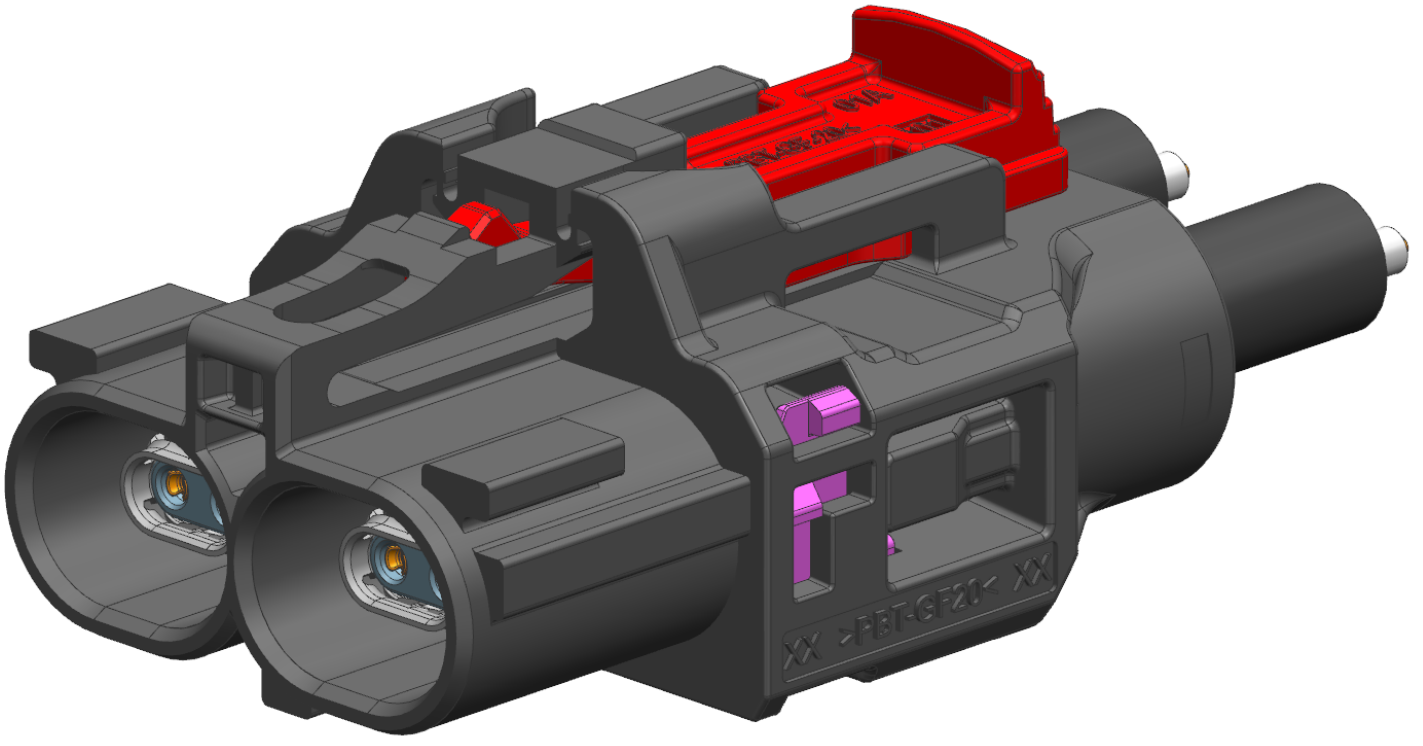


CONNECTION SYSTEM DISASSEMBLY COMPLETED

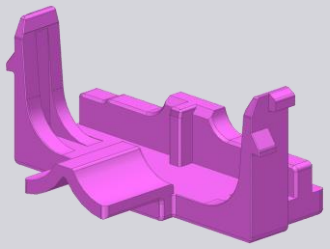
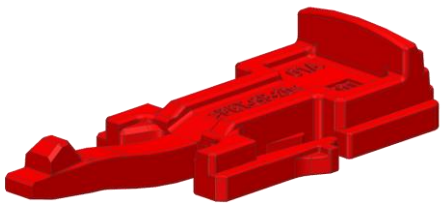
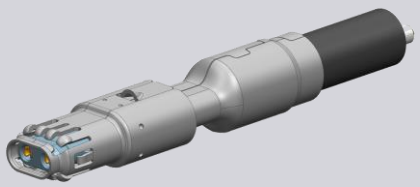


REPAIR/REPLACEMENT
OF THE FEMALE
ASSEMBLY

2 PORT H-MTD Unsealed Connector

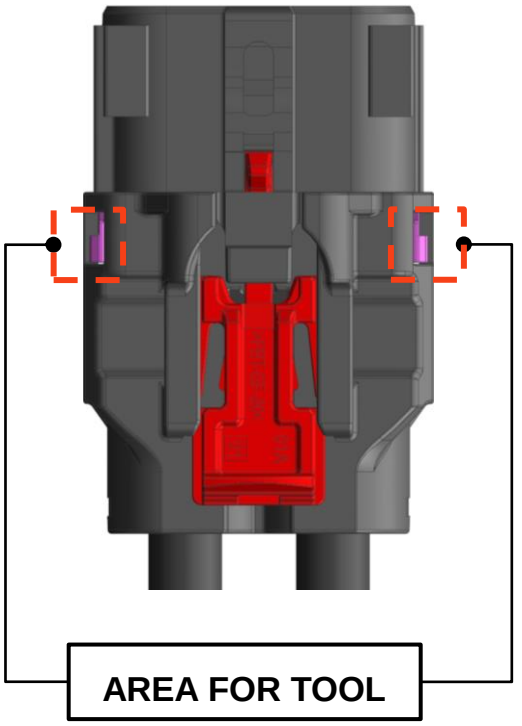


COMPONENT REPAIR/ REUSE CAPABILITIES

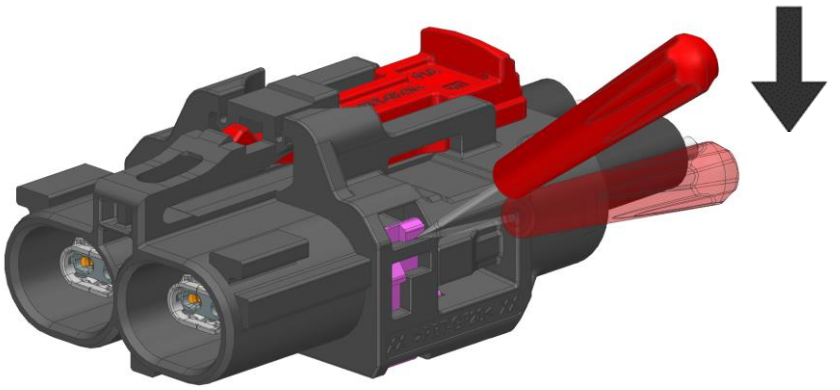
COMPONENT	IS IT REPAIRABLE?/ REUSABLE	COMMENTS
	NO	CONNECTOR HOUSING MUST BE REPLACED
	NO	TPA MUST BE REPLACED
	NO	CPA MUST BE REPLACED
	YES	CRIMPED TERMINAL IS RECOVERABLE; VERIFY ITS CONDITION BEFORE REUSE

STEP 1a - FEMALE H-MTD TERMINAL REPLACEMENT (Remove TPA)

1 **LOCATE THE AREA TO INSERT THE TOOL**

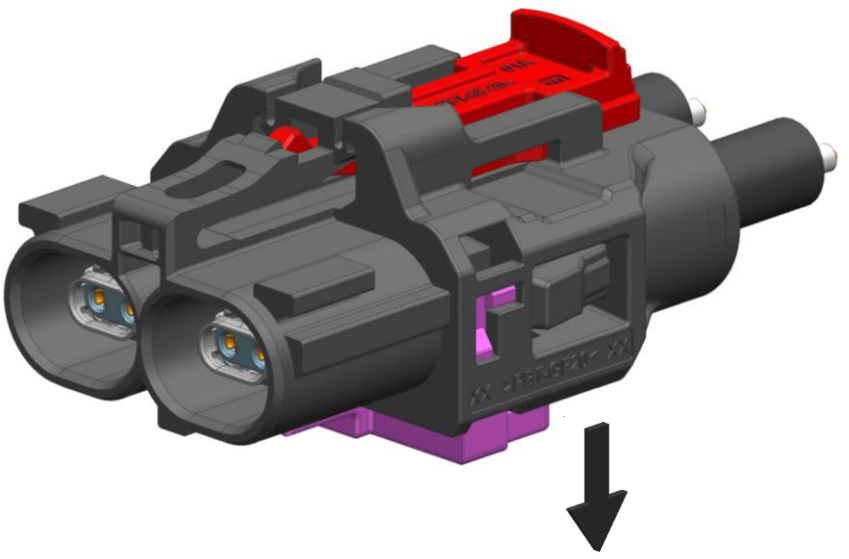


2 **INSERT TIP OF TOOL BETWEEN THE TPA AND CONNECTOR HOUSING. USE THE CONNECTOR AS LEVERAGE TO LIFT AND RELEASE THE TPA FROM IT'S LOCKED POSITION**

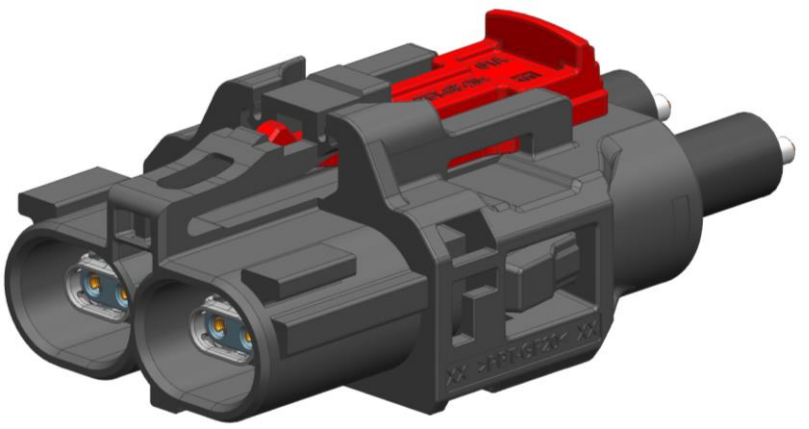


PULL THE TPA DOWNWARD

STEP 1b - FEMALE H-MTD TERMINAL REPLACEMENT (Remove TPA)



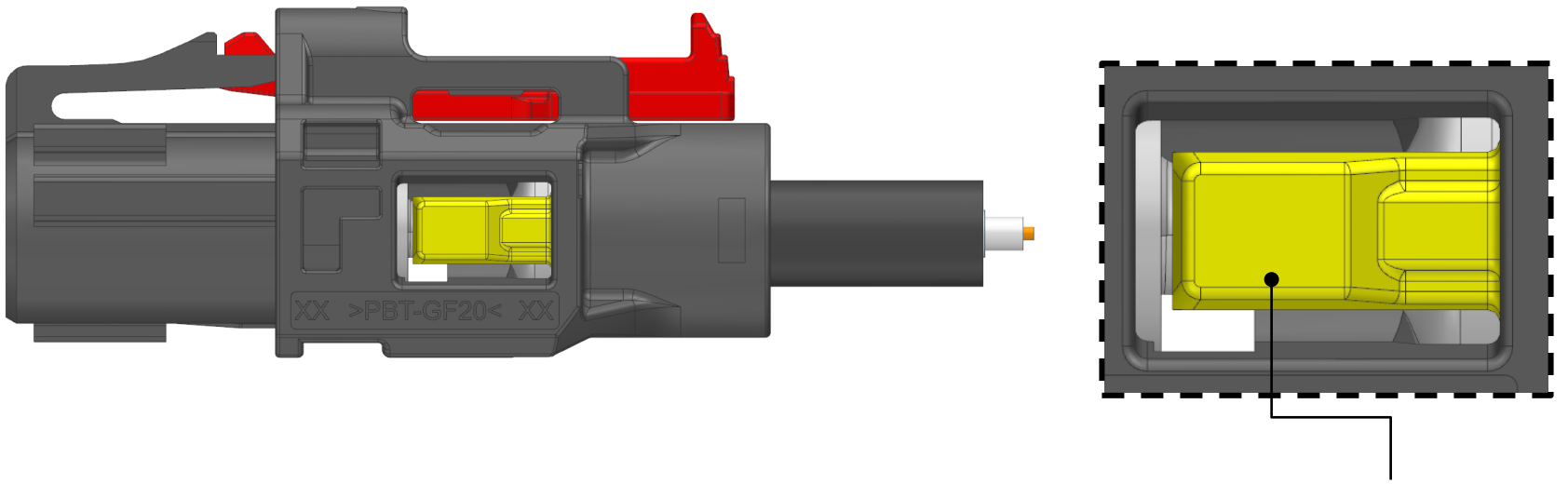
REPEAT THE SAME PROCESS TO RELEASE THE TPA FROM ITS PRE-STAGE POSITION



TPA REMOVED

STEP 2a - FEMALE H-MTD TERMINAL REPLACEMENT (Remove Terminal)

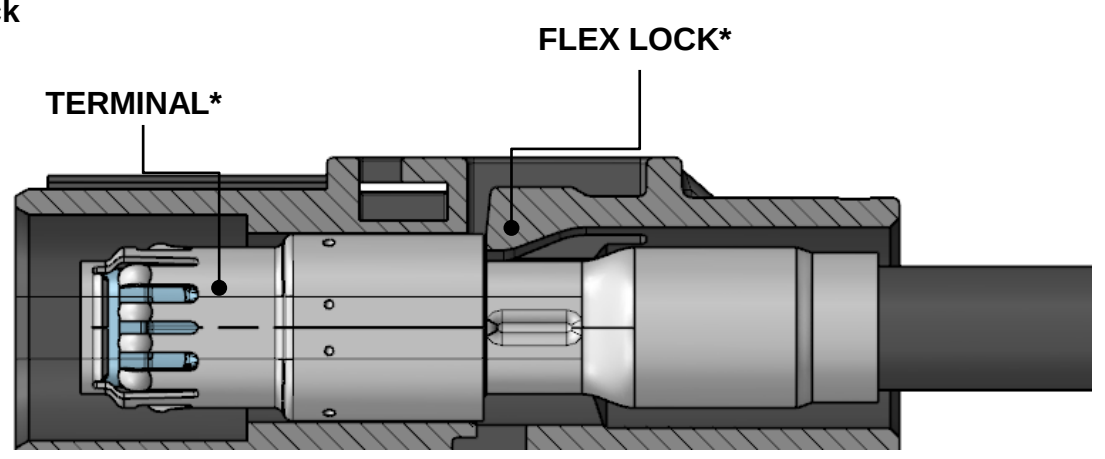
LOCATE THE TERMINAL FLEX LOCK (HIGHLIGHTED IN YELLOW)



STEP 2b - FEMALE H-MTD TERMINAL REPLACEMENT (Remove Terminal)

REMOVE TERMINAL

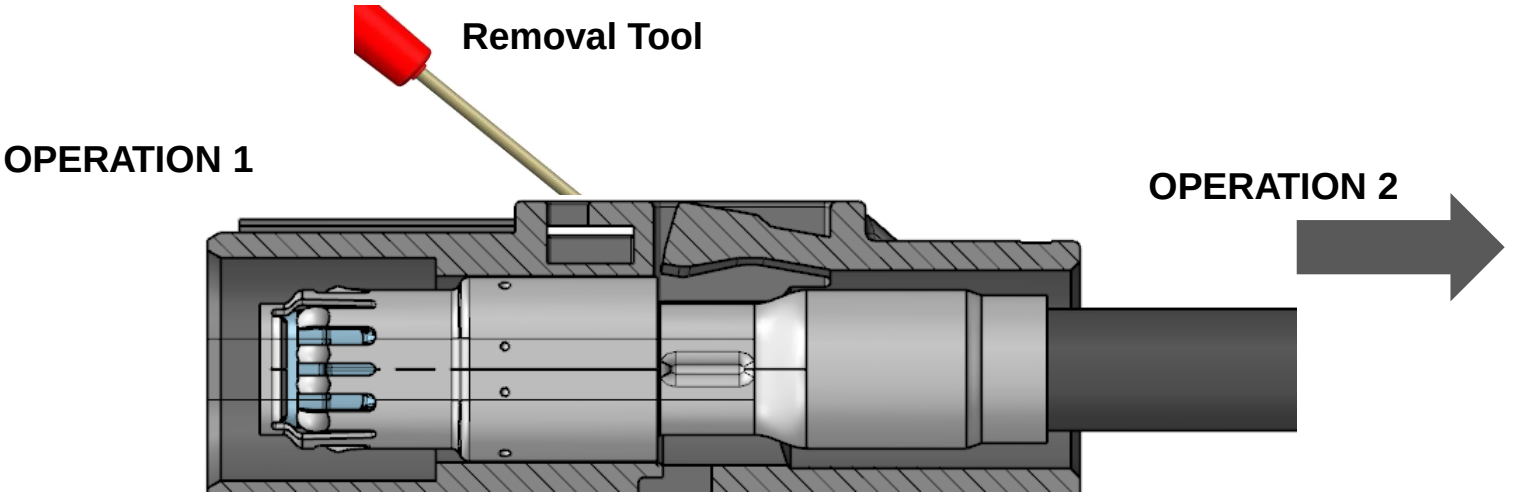
IDENTIFY
Terminal Flex Lock



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

STEP 2c - FEMALE H-MTD TERMINAL REPLACEMENT (Remove Terminal)

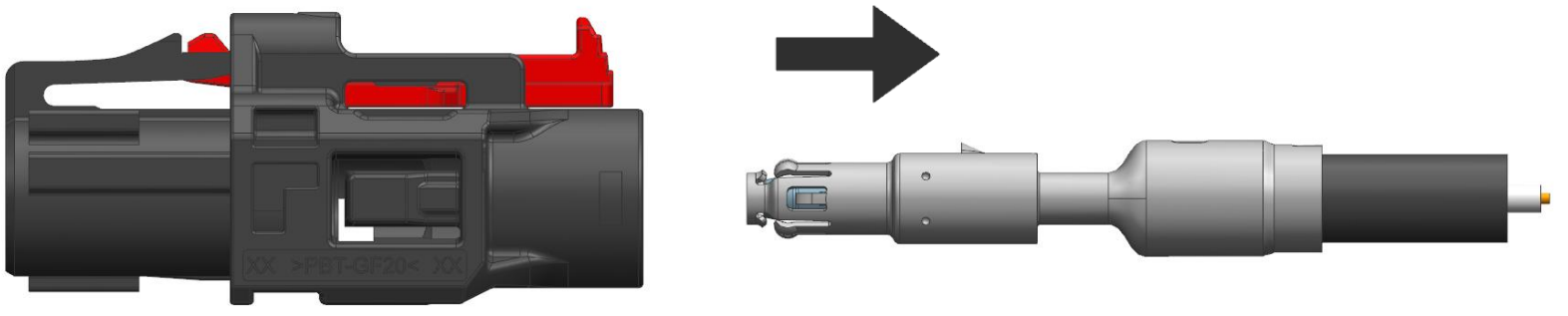
REMOVE TERMINAL



LOCATE FLEX LOCK & INSERT (OPERATION 1) TOOL BETWEEN THE FLEX LOCK AND TERMINAL, DEFLECT THE FLEX LOCK TO UNSEAT THE TERMINAL AND GENTLY PULL ON THE CABLE TO REMOVE (OPERATION 2) THE TERMINAL FROM THE CONNECTOR.

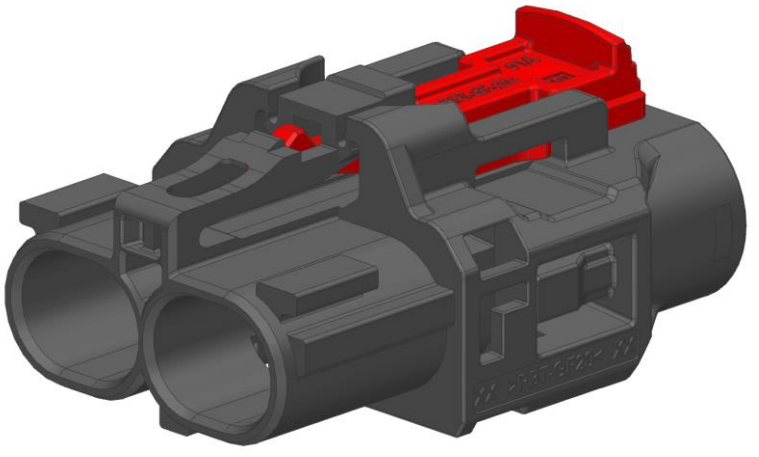
* This graph just represents how this kind of terminals are removed.

STEP 2d - FEMALE H-MTD TERMINAL REPLACEMENT (Remove Terminal)



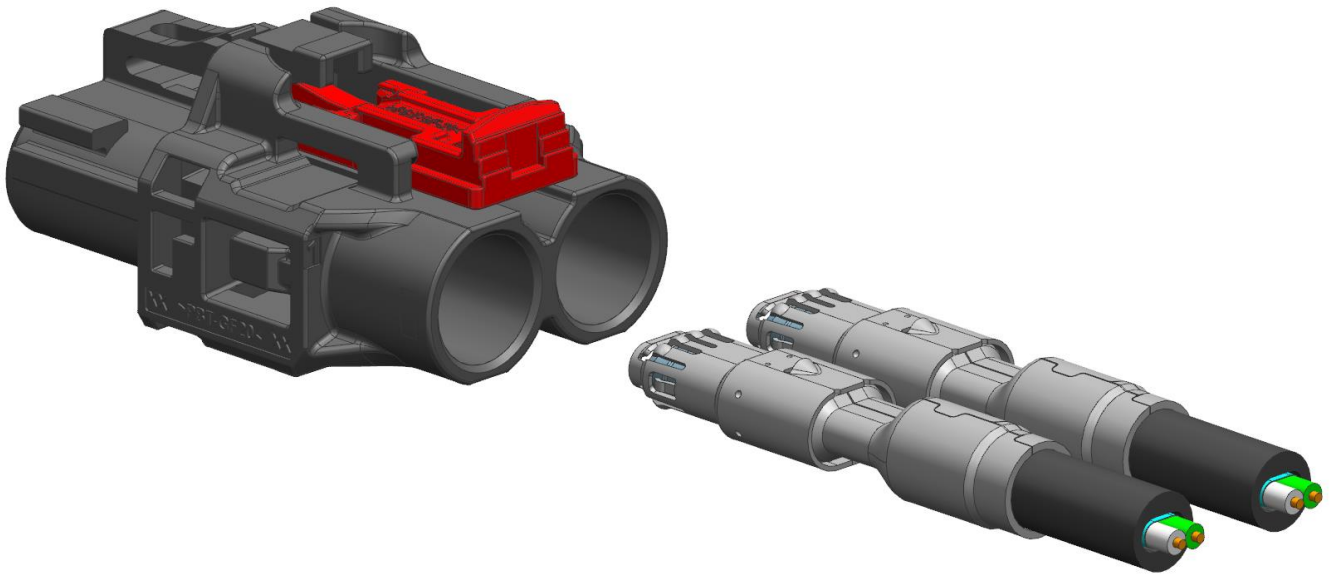
REMOVE THE TERMINAL FROM THE FEMALE CONNECTOR HOUSING

TERMINALS REMOVED



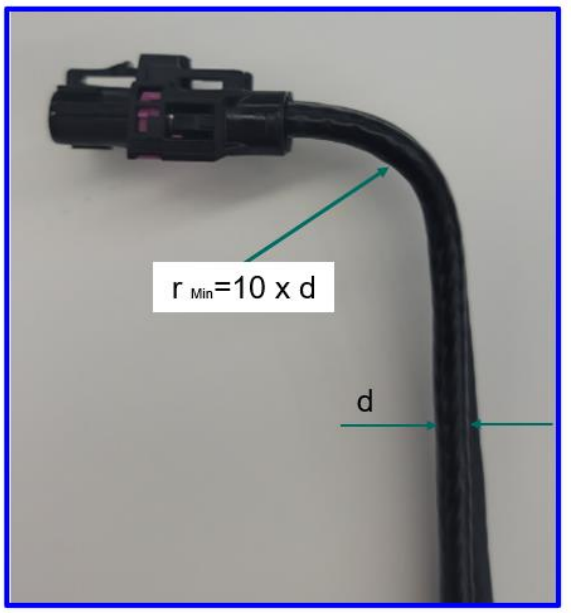
STEP 3- FEMALE H-MTD TERMINAL REPLACEMENT (Insert Terminal)

REFER TO HARNESS ASSEMBLY SECTION





RADIUS BEND



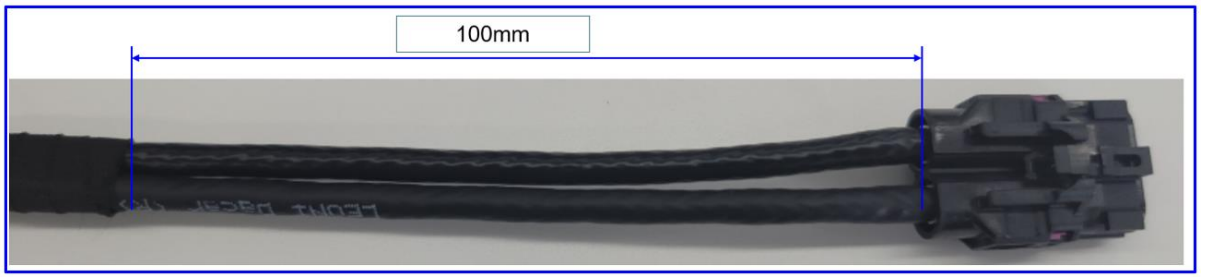


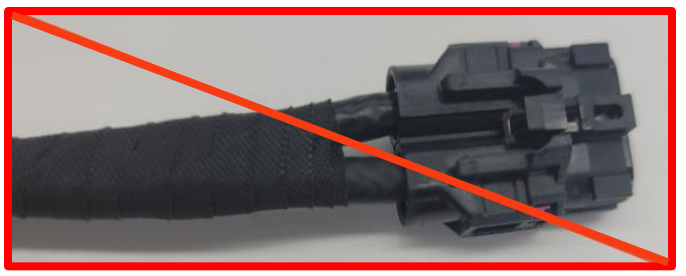
Wire Type	Cable OD
DACAR 647-4	4.1+/-0.2mm

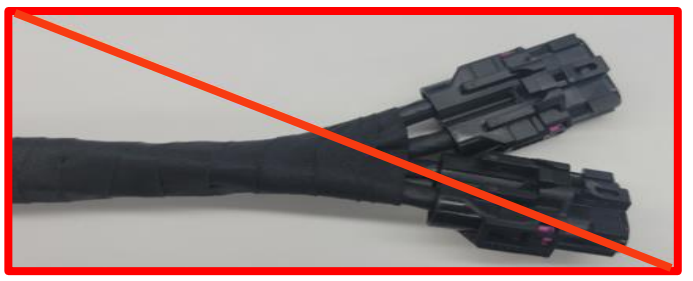
REMARK:

THE MINIMUM BENDING RADIUS IS EQUAL TO 10 TIMES THE WIRE DIAMETER.

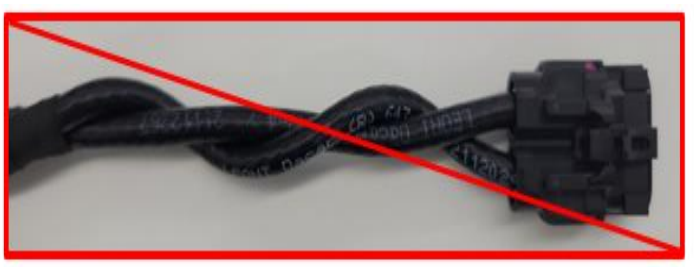
BANDAGE

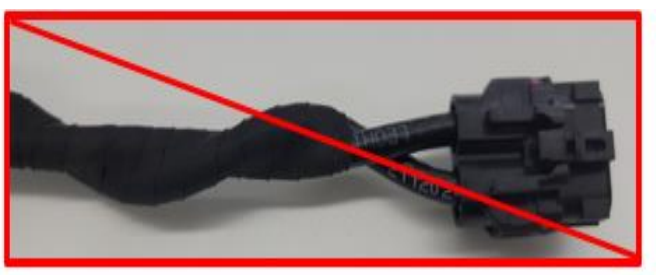










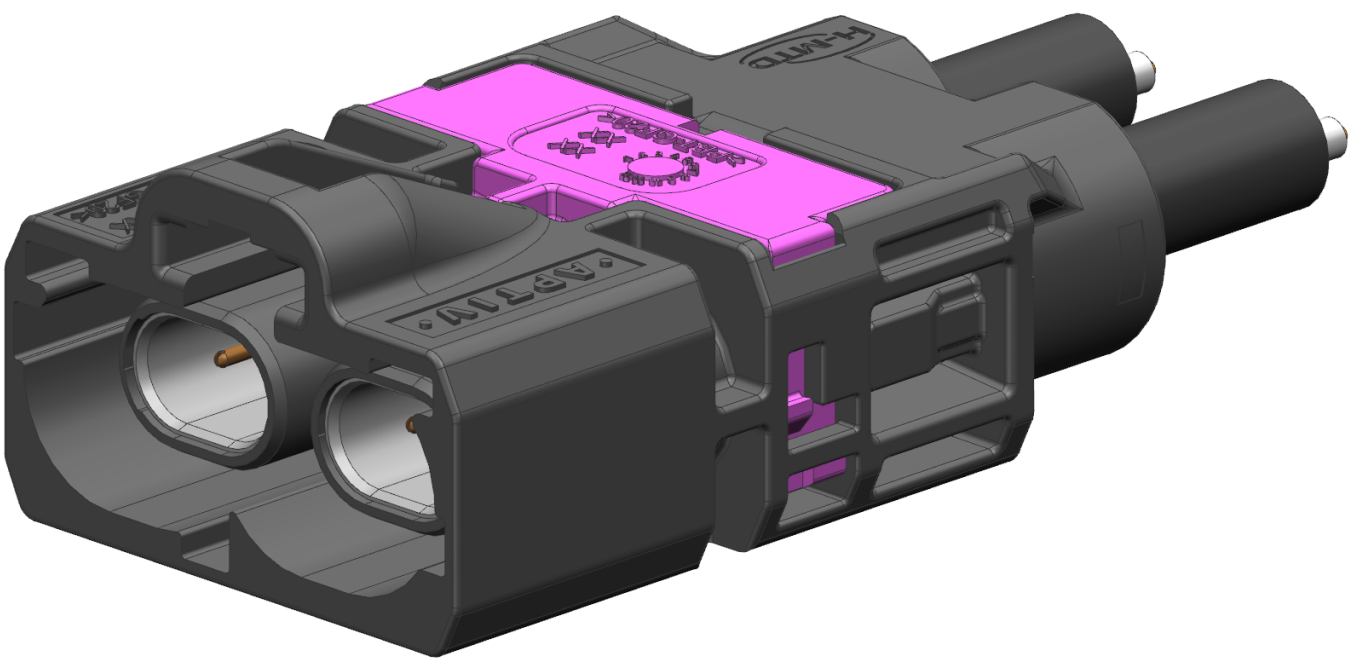


REMARK:

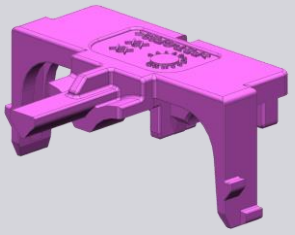
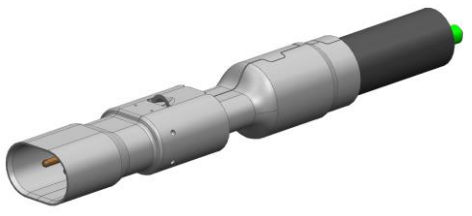
FOR THE MULTIPLE CONNECTION SYSTEM, BANDAGE DISTANCE FROM CONNECTOR 100MM.AND CABLE CANNOT BE TWISTED.

REPAIR / REPLACEMENT
OF THE MALE
ASSEMBLY

2 PORT H-MTD Unsealed Connector

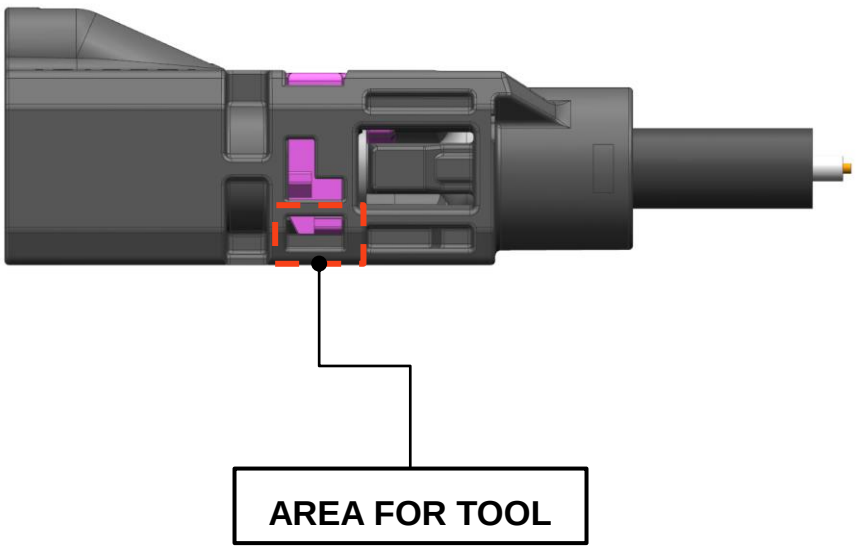


COMPONENT REPAIR/ REUSE CAPABILITIES

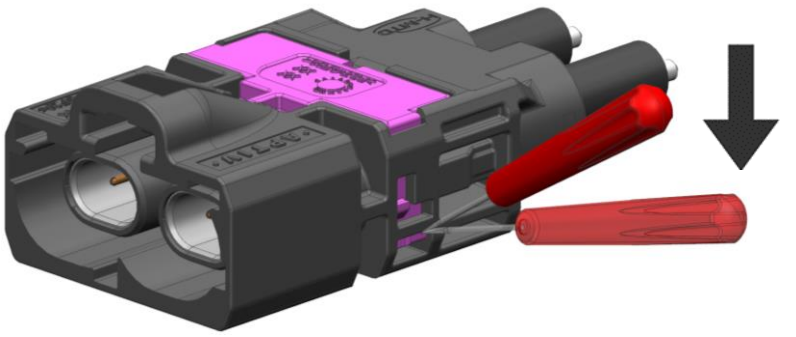
COMPONENT	IS IT REPAIRABLE?/ REUSABLE	COMMENTS
	NO	CONNECTOR HOUSING MUST BE REPLACED
	NO	TPA MUST BE REPLACED
	YES	CRIMPED TERMINAL IS RECOVERABLE; VERIFY ITS CONDITION BEFORE REUSE

STEP 1a – MALE H-MTD TERMINAL REPLACEMENT (Remove TPA)

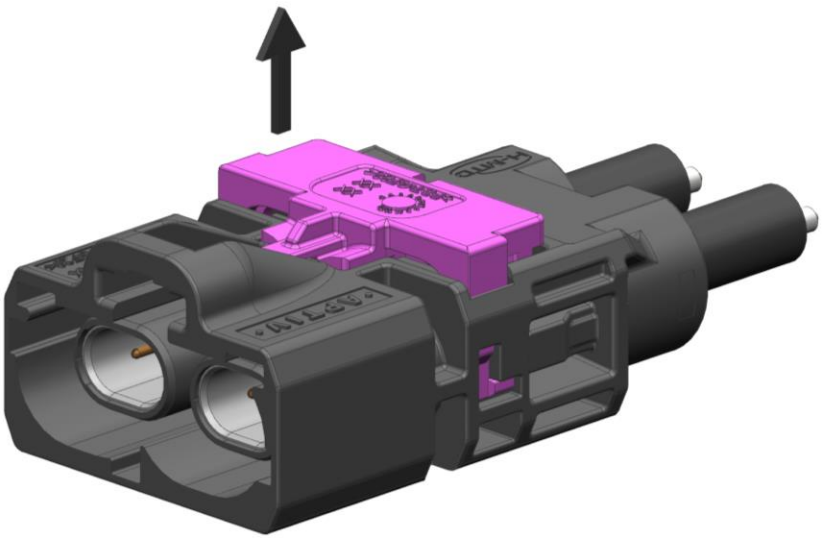
1 **LOCATE THE AREA TO INSERT THE TOOL**



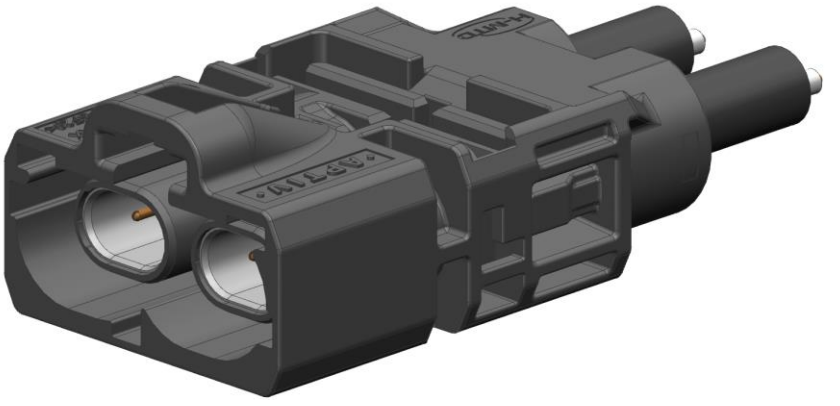
2 **INSERT TIP OF TOOL BETWEEN THE TPA AND CONNECTOR HOUSING. USE THE CONNECTOR AS LEVERAGE TO LIFT AND RELEASE THE TPA FROM IT'S LOCKED POSITION**



STEP 1b – MALE H-MTD TERMINAL REPLACEMENT (Remove TPA)



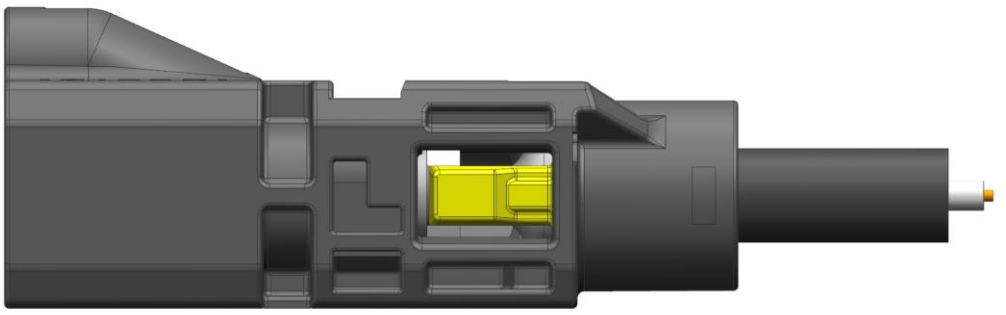
REPEAT THE SAME PROCESS TO RELEASE THE TPA FROM ITS PRE-STAGE POSITION

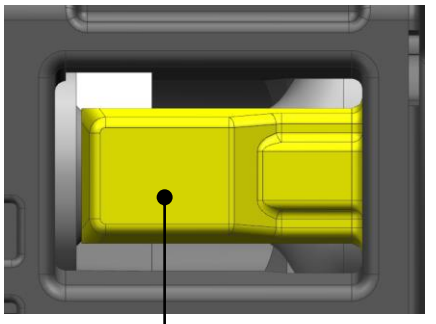


TPA REMOVED

STEP 2a – MALE H-MTD TERMINAL REPLACEMENT (Remove Terminal)

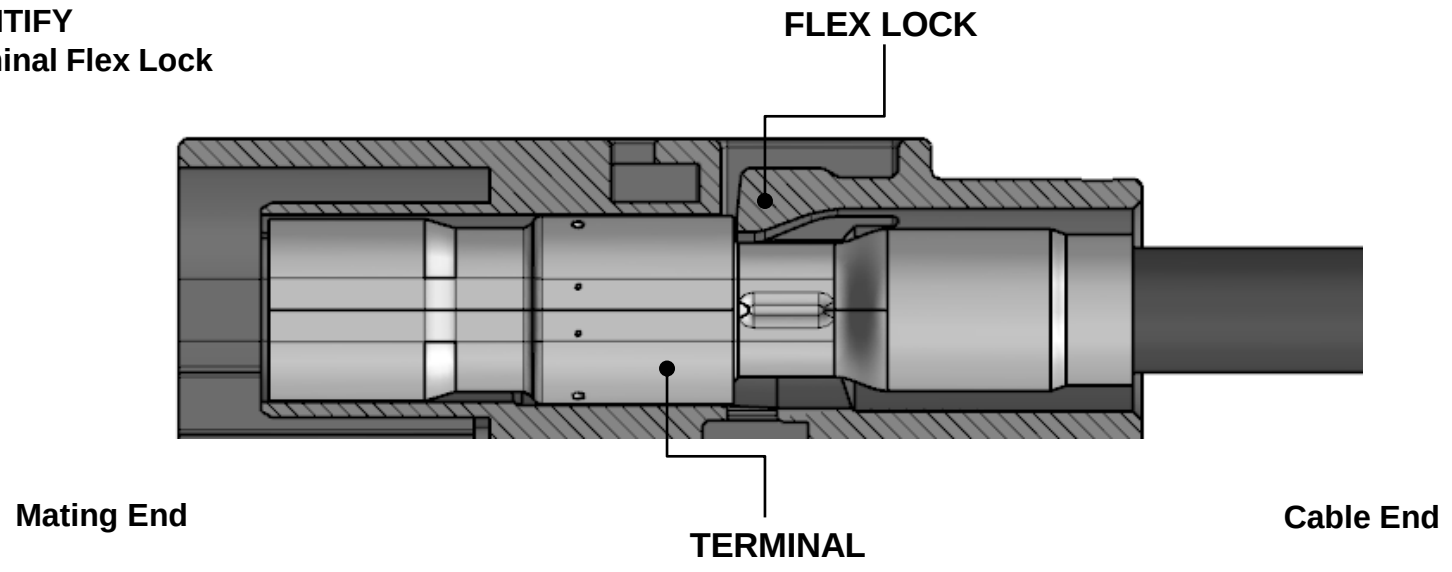
LOCATE THE TERMINAL FLEX LOCK (HIGHLIGHTED IN YELLOW)





STEP 2b – MALE H-MTD TERMINAL REPLACEMENT (Remove Terminal)

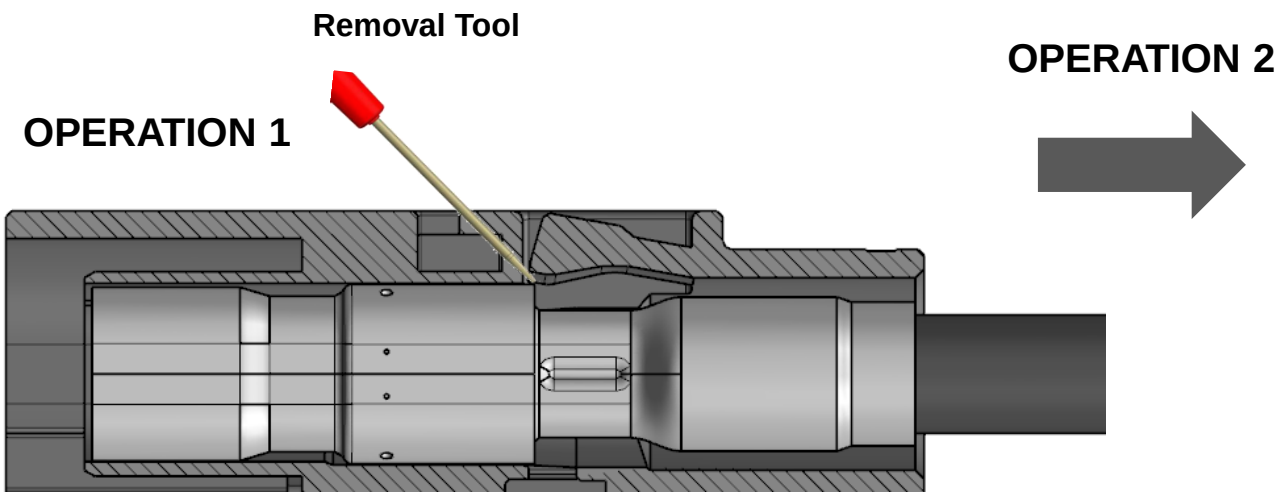
REMOVE TERMINALS



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

STEP 2c – MALE H-MTD TERMINAL REPLACEMENT (Remove Terminal)

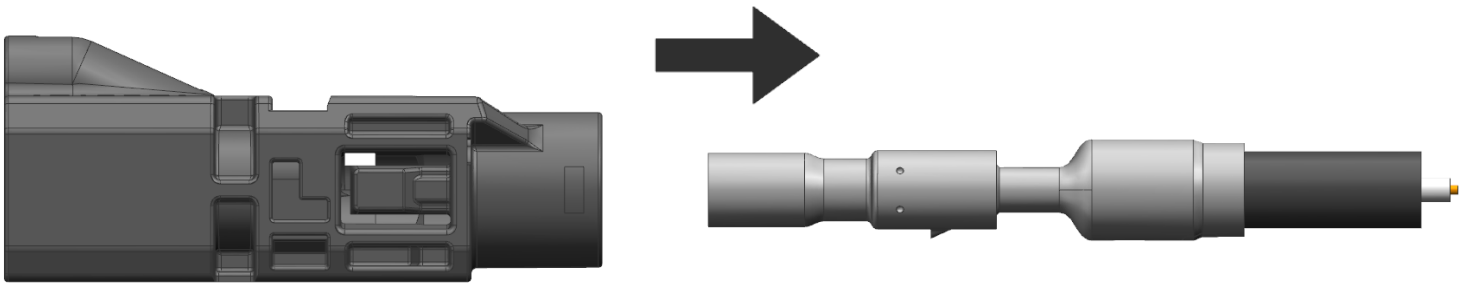
REMOVE TERMINALS



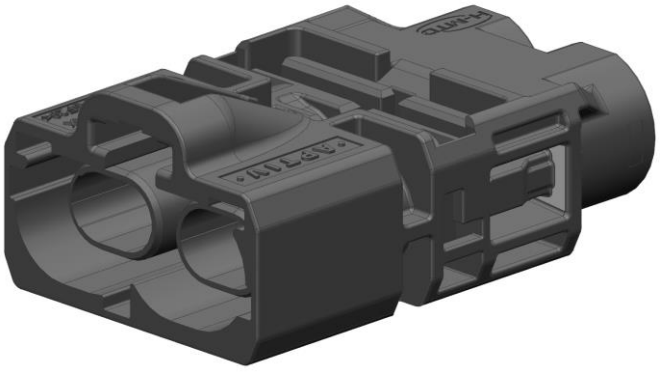
LOCATE FLEX LOCK & INSERT (OPERATION 1) TOOL BETWEEN THE FLEX LOCK AND TERMINAL, DEFLECT THE FLEX LOCK TO UNSEAT THE TERMINAL AND GENTLY PULL ON THE CABLE TO REMOVE (OPERATION 2) THE TERMINAL FROM THE CONNECTOR.

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

STEP 2d – MALE H-MTD TERMINAL REPLACEMENT (Remove Terminal)



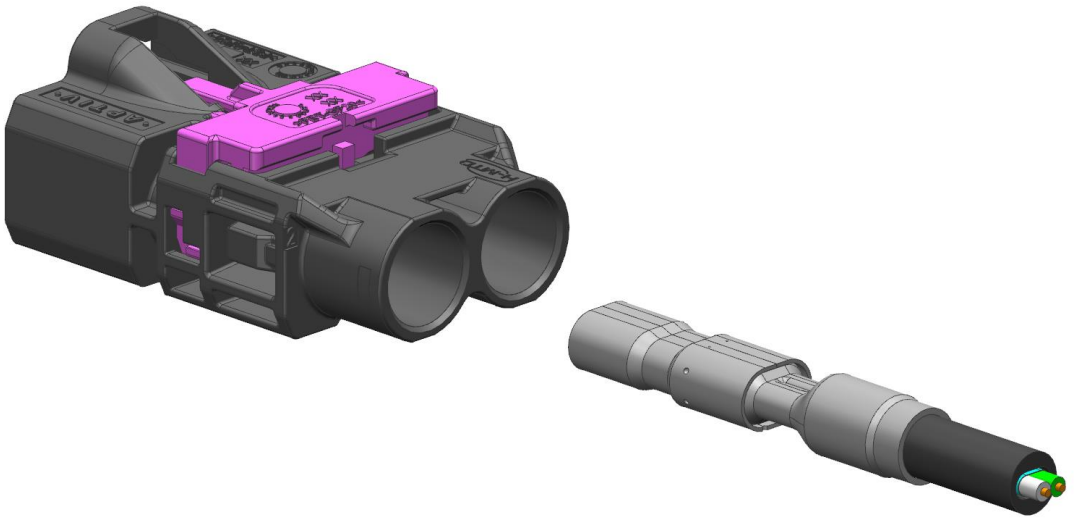
REMOVE THE TERMINAL FROM THE MALE CONNECTOR HOUSING

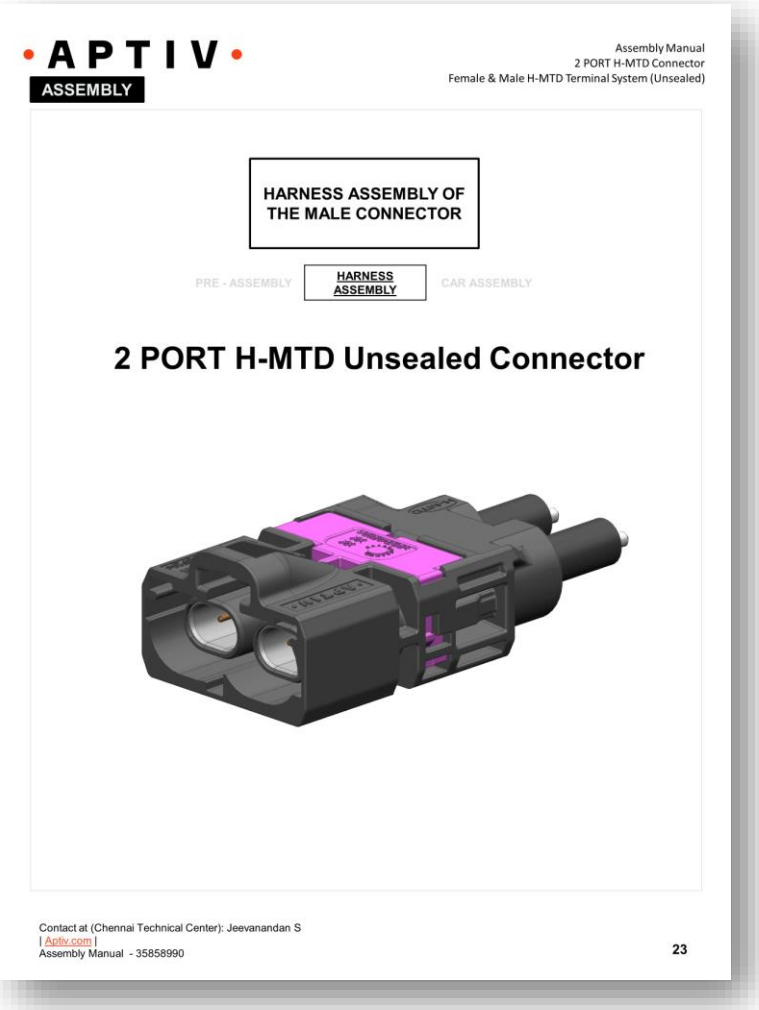


TERMINALS REMOVED

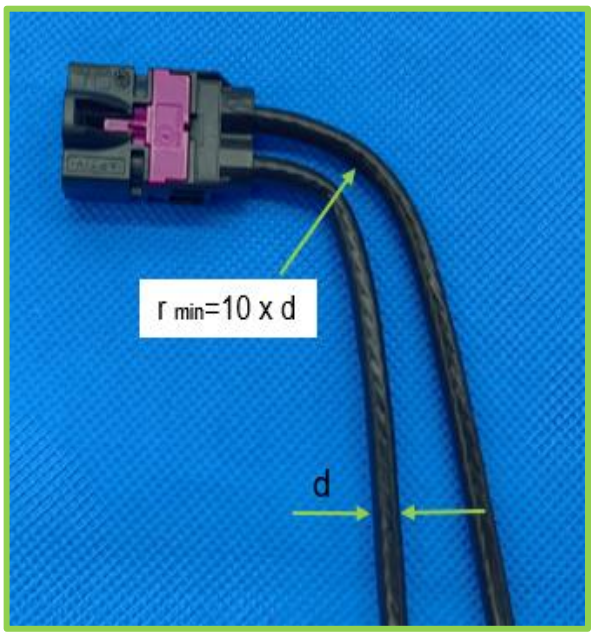
STEP 3- MALE H-MTD TERMINAL REPLACEMENT (Insert Terminal)

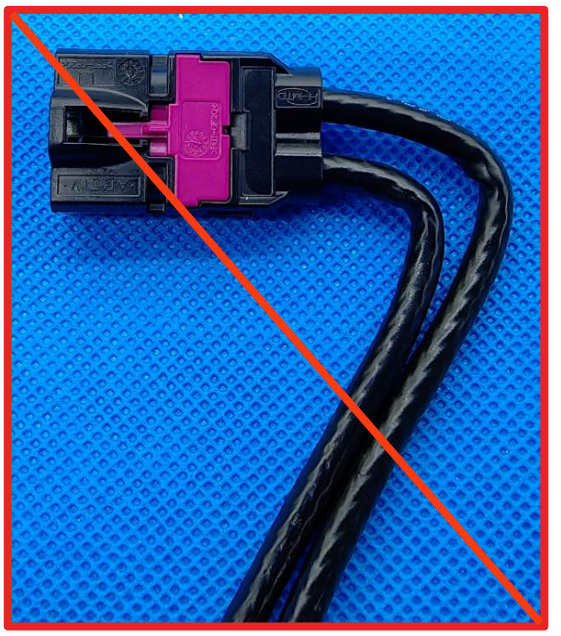
REFER TO HARNESS ASSEMBLY SECTION





RADIUS BEND



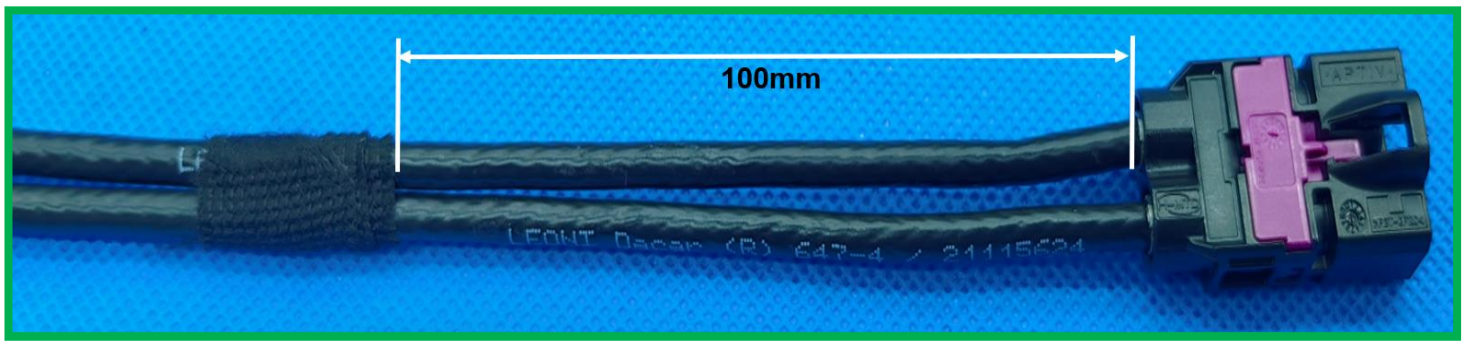


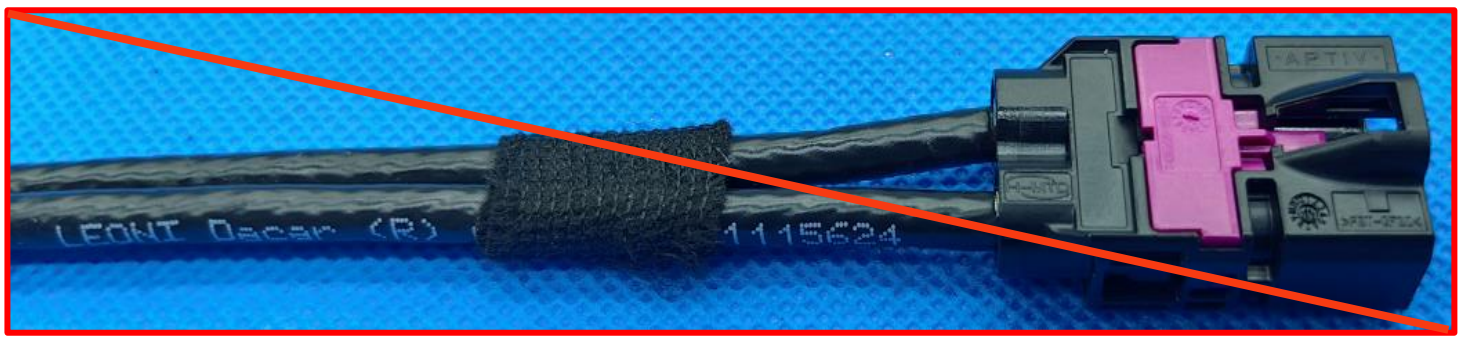
Wire Type	Cable OD
DACAR 647-4	4.1+/-0.2mm

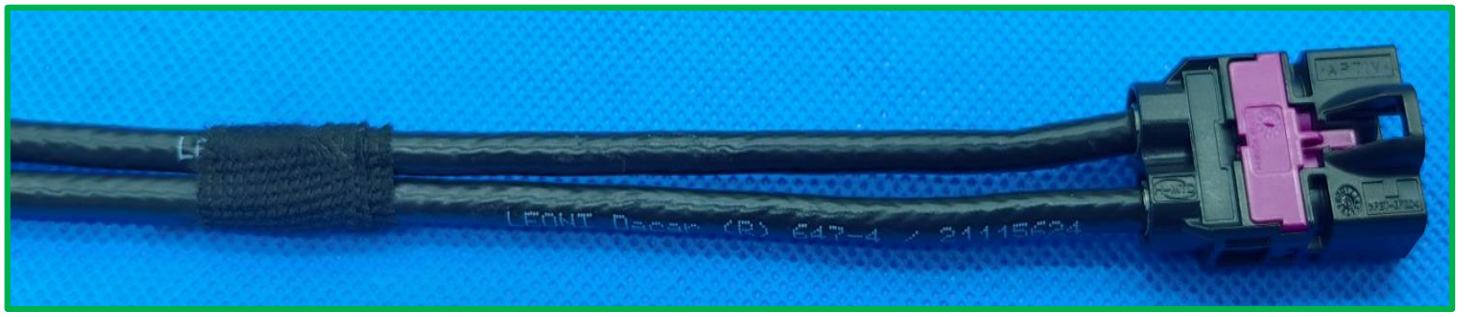
REMARK:

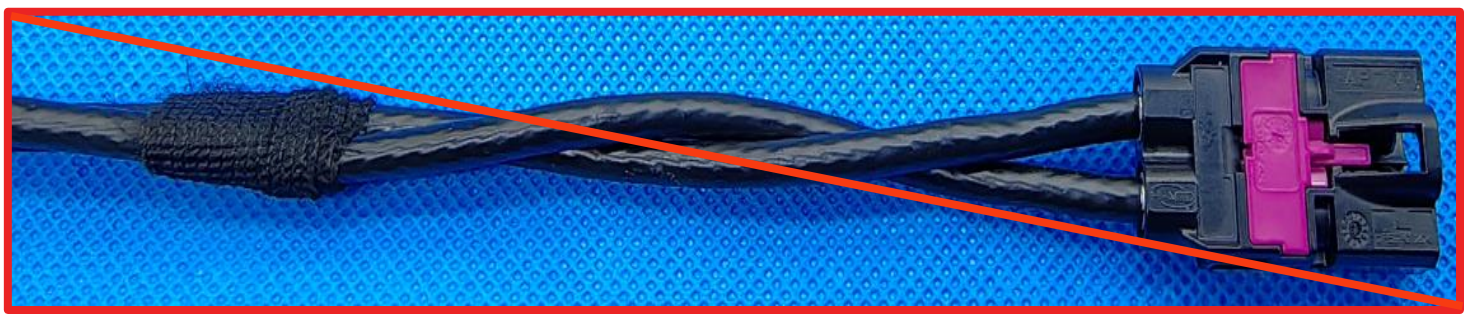
THE MINIMUM BENDING RADIUS IS EQUAL TO 10 TIMES THE WIRE DIAMETER.

BANDAGE





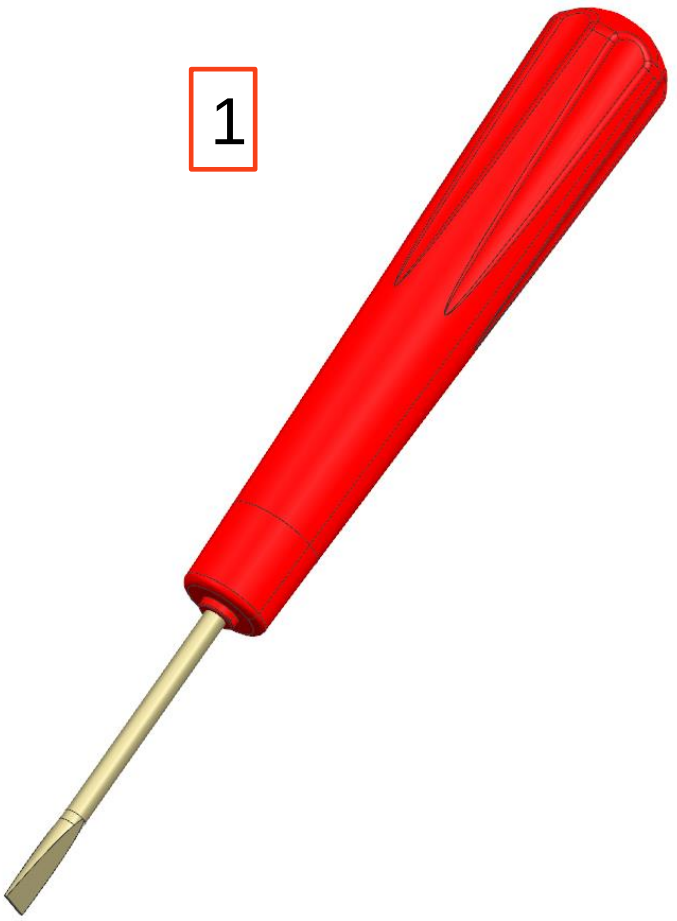




REMARK:

FOR THE MULTIPLE CONNECTION SYSTEM, BANDAGE DISTANCE FROM CONNECTOR 100MM.AND CABLE CANNOT BE TWISTED.

RECOMMENDED REPAIR TOOLS



ITEM	DESCRIPTION
1	FOR TPA REMOVAL

REVISIONS

DATE	REV	REVISION HISTORY	AUTH
06SE24	01	INITIAL RELEASE	450671