

Fuse Box Assy

1. SCOPE

1.1 Content

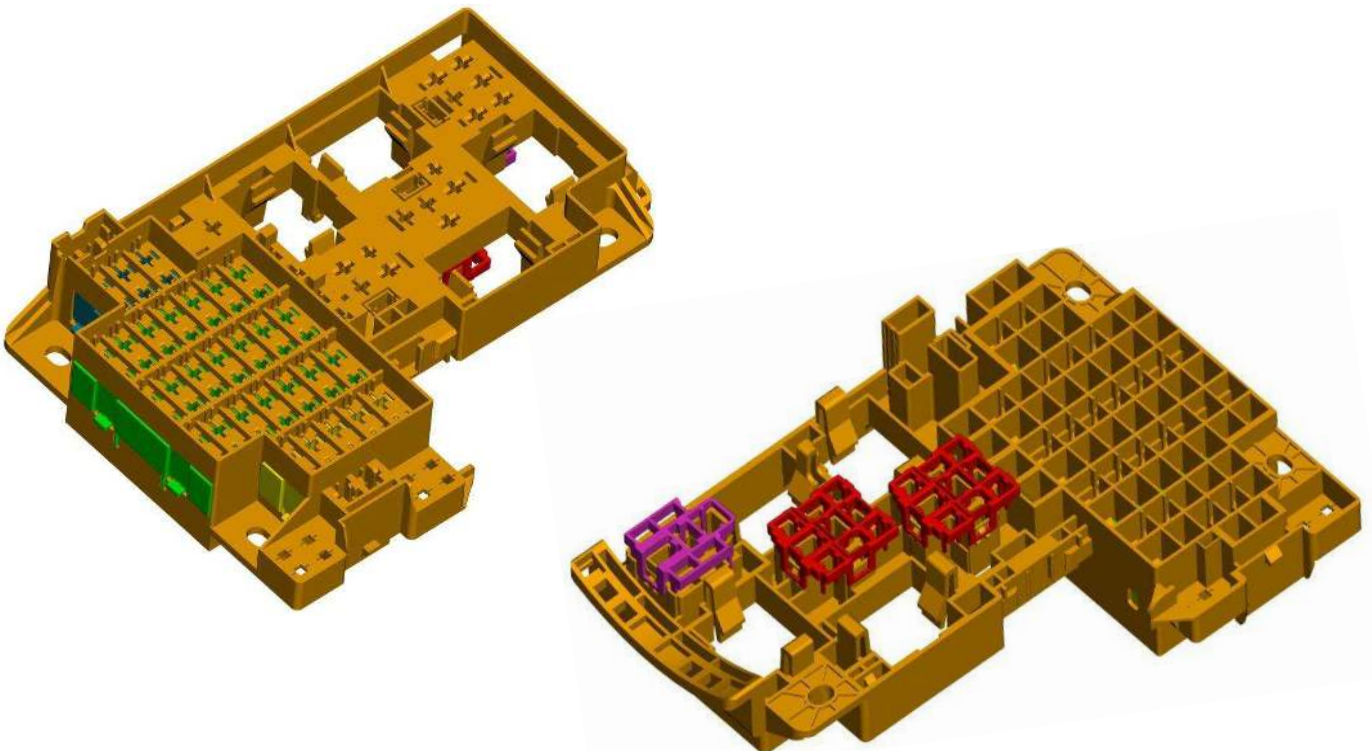
This Instruction Sheet is to provide useful information for correct assembly the harness and correct assembly / disassembly of the connectors.

ITEM	TE P/N	TRADE MARK DESCRIPTION
01	1380007-1	FUSE BOX ASSEMBLY
02	444017-1	HSG ASSEMBLY 9 POSN. STD/JPT/ POSITIVE LOCK REC.
03	1380006-1	HSG 10 POSN. STD/JPT/ POSITIVE LOCK REC.
04	1599677-1	HSG ASSEMBLY 16 POSN. SPT REC.
05	1480838-1	HSG 5 POSN. JPT/SPT/FASTIN-ON .375 REC.
06	1380011-1 1599844-1	WIRE DRESS

Table 1

2. PACKAGING OF THE CONNECTORS

Fuse Box Assembly (P/N 1380007-1) is shown on Figure 1. It is supplied with a preassembled Secondary Lock. There are mechanical polarizations to assure the proper mating between female housing and the terminals. Fuse Box Assembly is supplied in a carton box in random order.



FUSE BOX ASSEMBLY – P/N TE 1380007-1

Figure 1

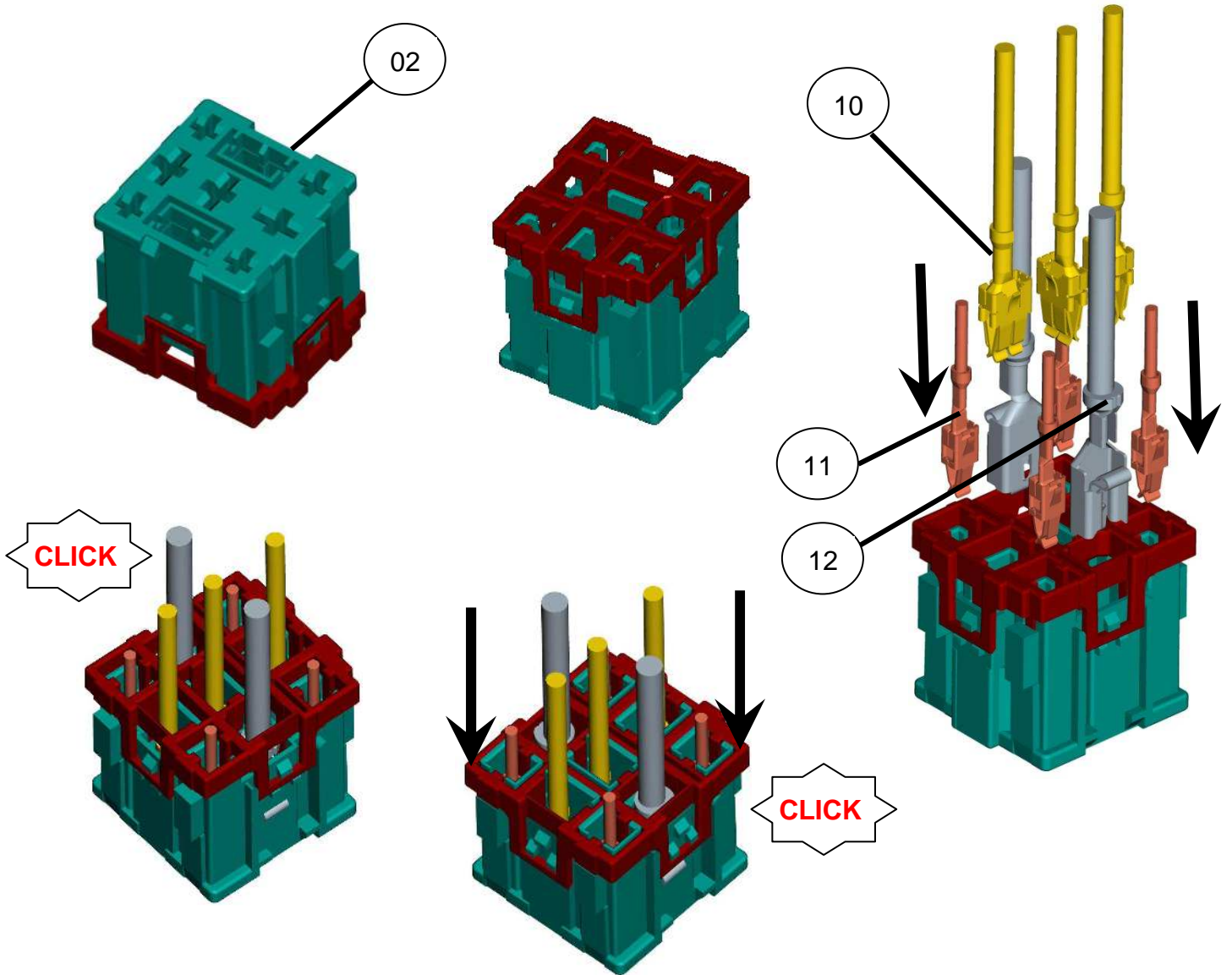
3. TERMINALS LOADING AND SECONDARY LOCK CLOSING DEVICE

Insert the terminals into the housings cavities according to figure below until the lance on the metal contacts body has been released. On table 2 below are indicated the terminals used. After the insertion of the terminals into their cavities, close the Secondary Lock, by pushing at the direction show by the arrows on figure below, into the relevant seats in the male and female housings until the end position.

ITEM	TE P/N	TRADE MARK DESCRIPTION	WIRE RANGE (FOR TERMINALS ONLY)
07	1380317-2	FUSE CONTACT REC.	0,2 – 0,35 mm ²
	880397-2		0,5 – 1,5 mm ²
	880398-2		>1,0 – 2,5 mm ²
	880399-2		>2,5 – 6,0 mm ²
08	444008-2	.375 FASTIN ON REC.	>1,0 – 2,5 mm ²
	880003-2		2,5 – 4,0 mm ²
	881606-4		4,0 – 6,0 mm ²
09	2-880490-2	FUSE CONTACT - BUSBAR	1,0 – 2,5 mm ²
	2-880492-2		2,5 – 4,0 mm ²
	3-880492-2		2,5 – 4,0 mm ²
	4-880492-2		2,5 – 4,0 mm ²
	881572-1		>4,0 – 6,0 mm ²
	881572-2		>4,0 – 6,0 mm ²
	881572-3		>4,0 – 6,0 mm ²
	881572-4		>4,0 – 6,0 mm ²
	1380004-1		>4,0 – 6,0 mm ²
10	927831-2	STANDARD POWER TIMER REC.	0,5 – 1,0 mm ²
	927837-2		>1,0 – 2,5 mm ²
	927829-2		>2,5 – 4,0 mm ²
11	964282-2	JUNIOR POWER TIMER REC.	0,2 – 0,5 mm ²
	964284-2		0,5 – 1,0 mm ²
	965999-2		>1,0 – 2,5 mm ²
12	928909-5	POSITIVE LOCK REC.	0,2 – 0,5 mm ²
	927852-6		0,5 – 1,0 mm ²
	154717-6		2,0 – 4,0 mm ²
	790319-3		3,3 – 6,0 mm ²
13	1989037-3	BUSBAR SPT REC.	4,0 – 6,0 mm ²

Table 2

(TERMINALS USED ON FUSE BOX ASSEMBLY)



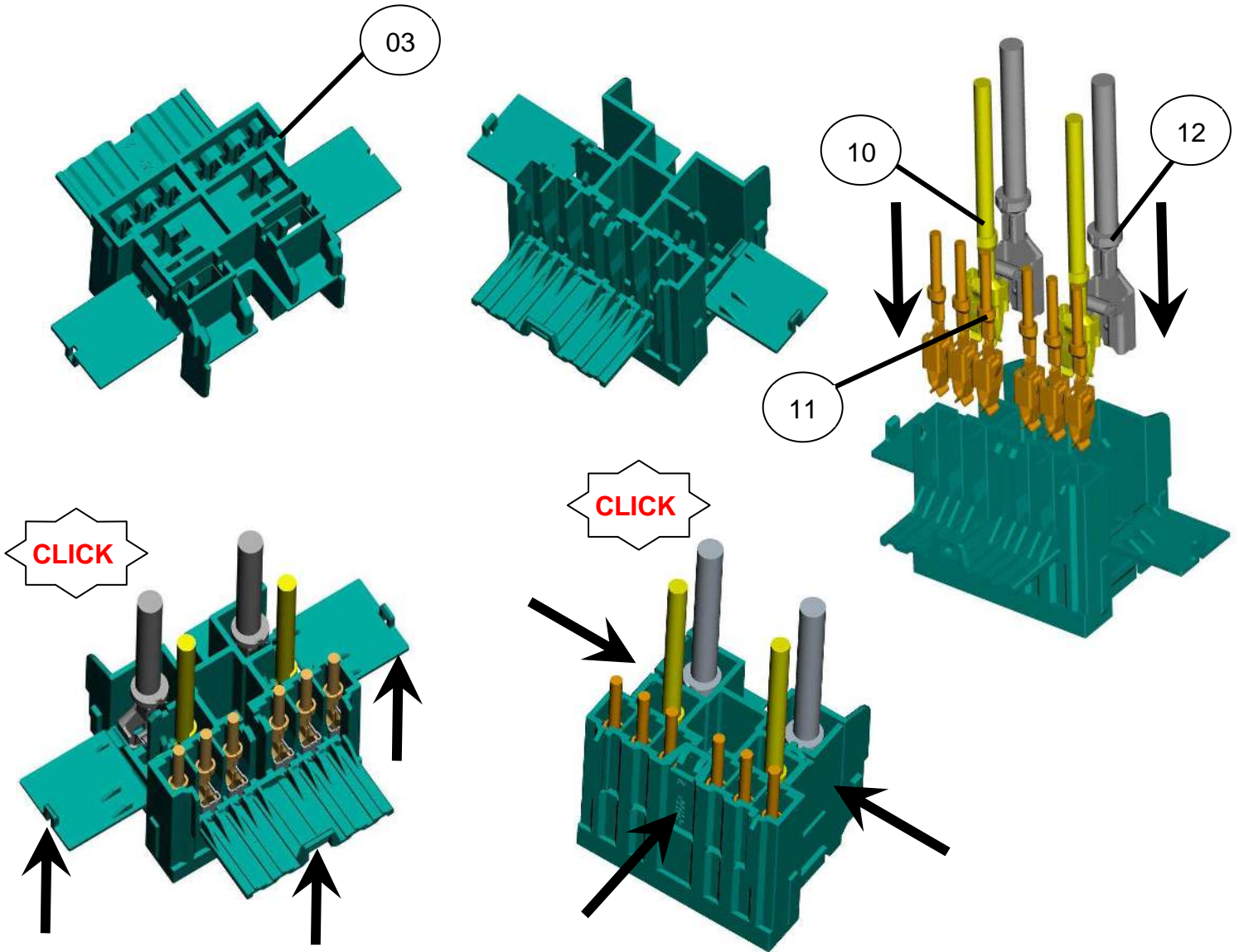
ITEM	TE P/N	TRADE MARK DESCRIPTION
02	444017-1	HSG ASSEMBLY 9 POSN. STD/JPT/ POSITIVE LOCK REC.
10	927831-2	STANDARD POWER TIMER REC.
	927837-2	
	927829-2	
11	964282-2	JUNIOR POWER TIMER REC.
	964284-2	
	965999-2	
12	928909-5	POSITIVE LOCK REC.
	927852-6	
	154717-6	
	790319-3	

HSG. ASSEMBLY 9 POSN. STD/JPT/ POSITIVE LOCK REC. – P/N TE 444017-1

Figure 2



If you notice a resistance do not push any more, but check the correct position of the Secondary Lock and the contacts in their cavities, and only after then proceed to close the device.



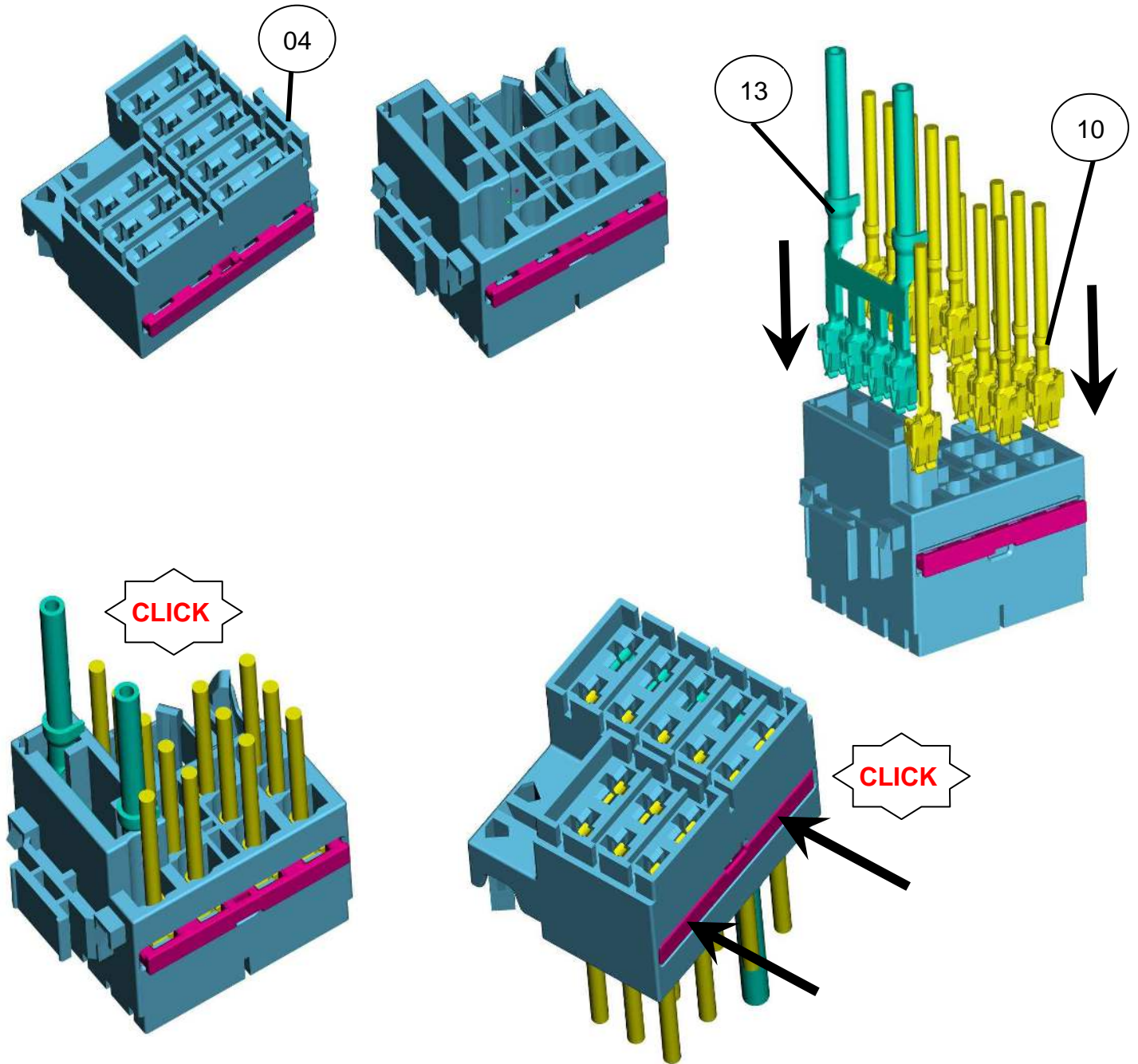
ITEM	TE P/N	TRADE MARK DESCRIPTION
03	1380006-1	HSG 10 POSN. STD/JPT/ POSITIVE LOCK REC.
10	927831-2	STANDARD POWER TIMER REC.
	927837-2	
	927829-2	
11	964282-2	JUNIOR POWER TIMER REC.
	964284-2	
	965999-2	
12	928909-5	POSITIVE LOCK REC.
	927852-6	
	154717-6	
	790319-3	

HSG. ASSEMBLY 10 POSN. STD/JPT/ POSITIVE LOCK REC. – P/N TE 1380006-1

Figure 3



If you notice a resistance do not push any more, but check the correct position of the Secondary Lock and the contacts in their cavities and only after then proceed to close the device.



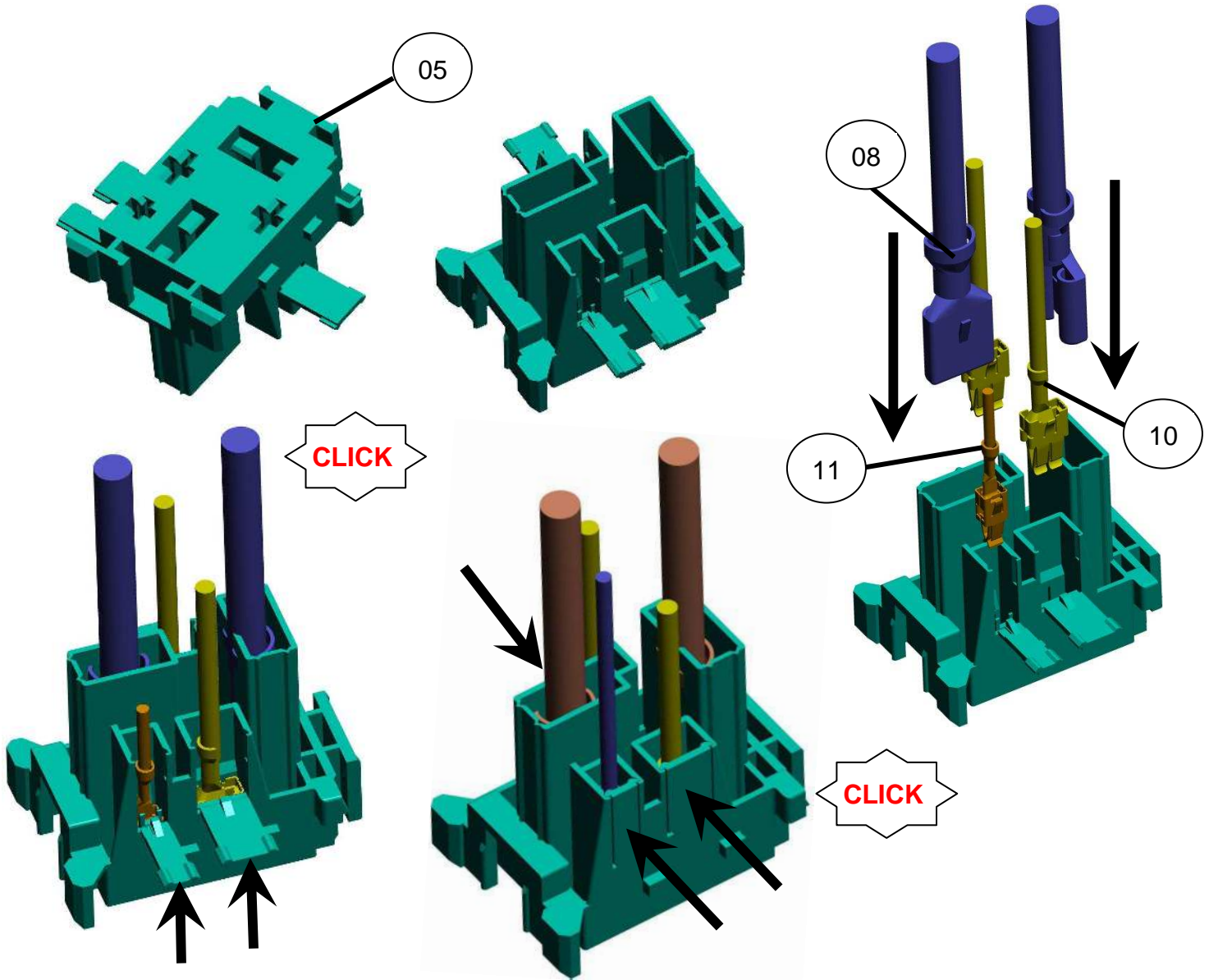
ITEM	TE P/N	TRADE MARK DESCRIPTION
04	1599677-1	HSG ASSEMBLY 16 POSN. SPT REC.
10	927831-2	STANDARD POWER TIMER REC.
	927837-2	
	927829-2	
13	1989037-3	BUSBAR SPT REC.

HSG. ASSEMBLY 16 POSN. STD. REC. – P/N TE 1599677-1

Figure 4



If you notice a resistance do not push any more, but check the correct position of the Secondary Lock and the contacts in their cavities and only after then proceed to close the device.



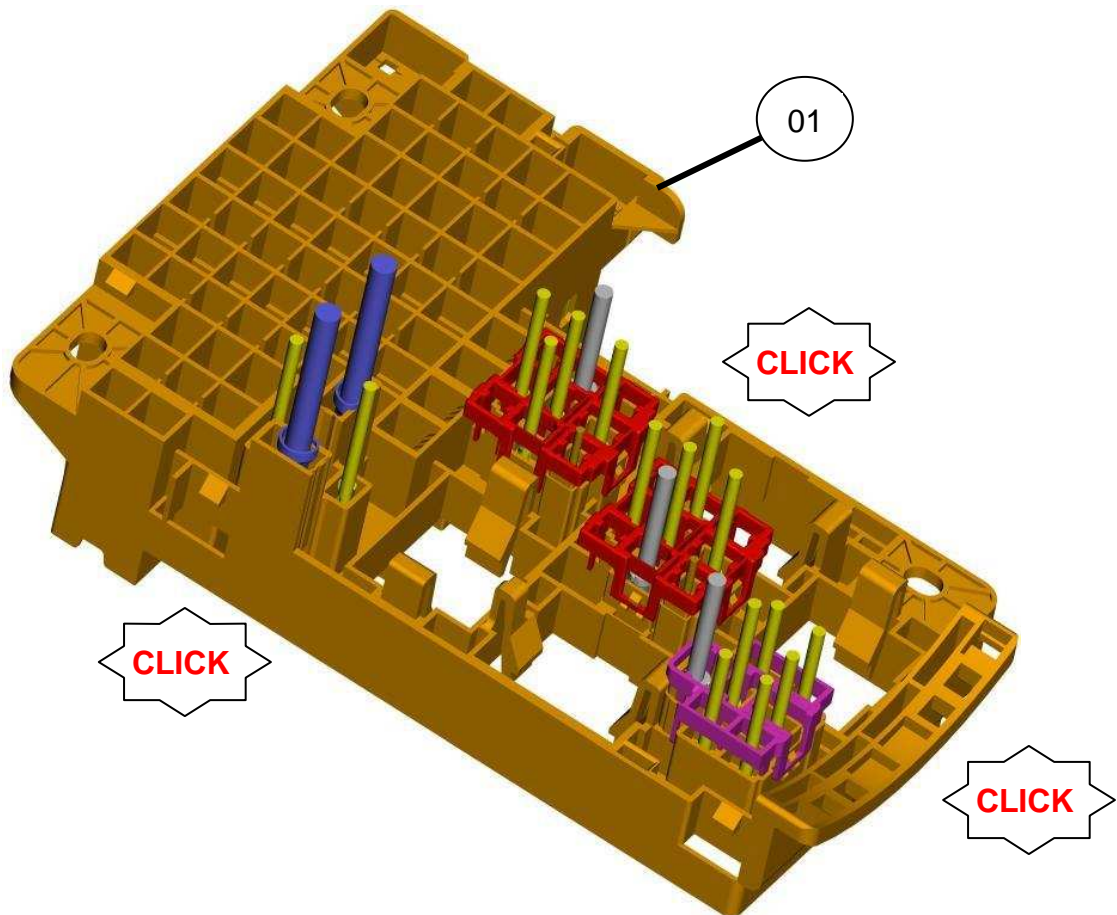
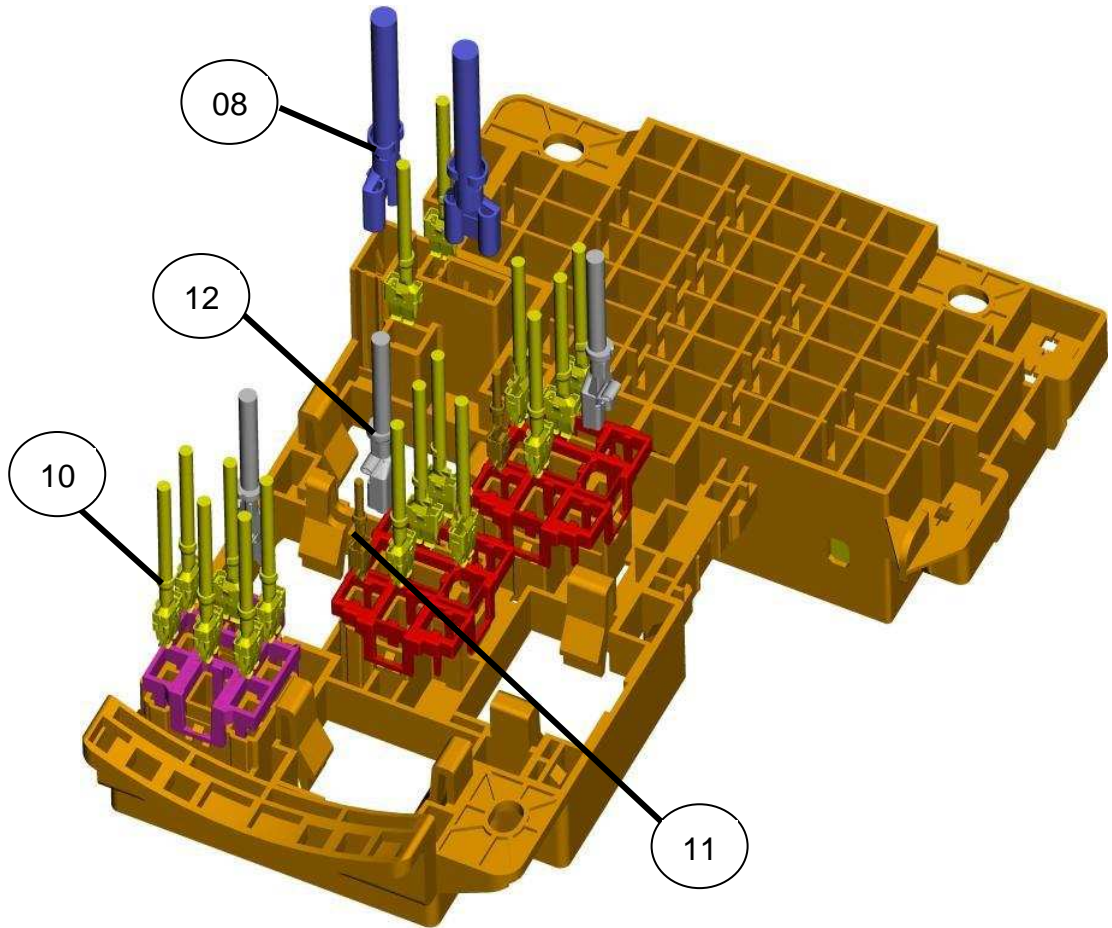
ITEM	TE P/N	TRADE MARK DESCRIPTION
05	1480838-1	HSG. 5 POSN. JPT/SPT/FASTIN-ON .375 REC.
08	444008-2	.375 FASTIN ON REC.
	880003-2	
	881606-4	
10	927831-2	STANDARD POWER TIMER REC.
	927837-2	
	927829-2	
11	964282-2	JUNIOR POWER TIMER REC.
	964284-2	
	965999-2	

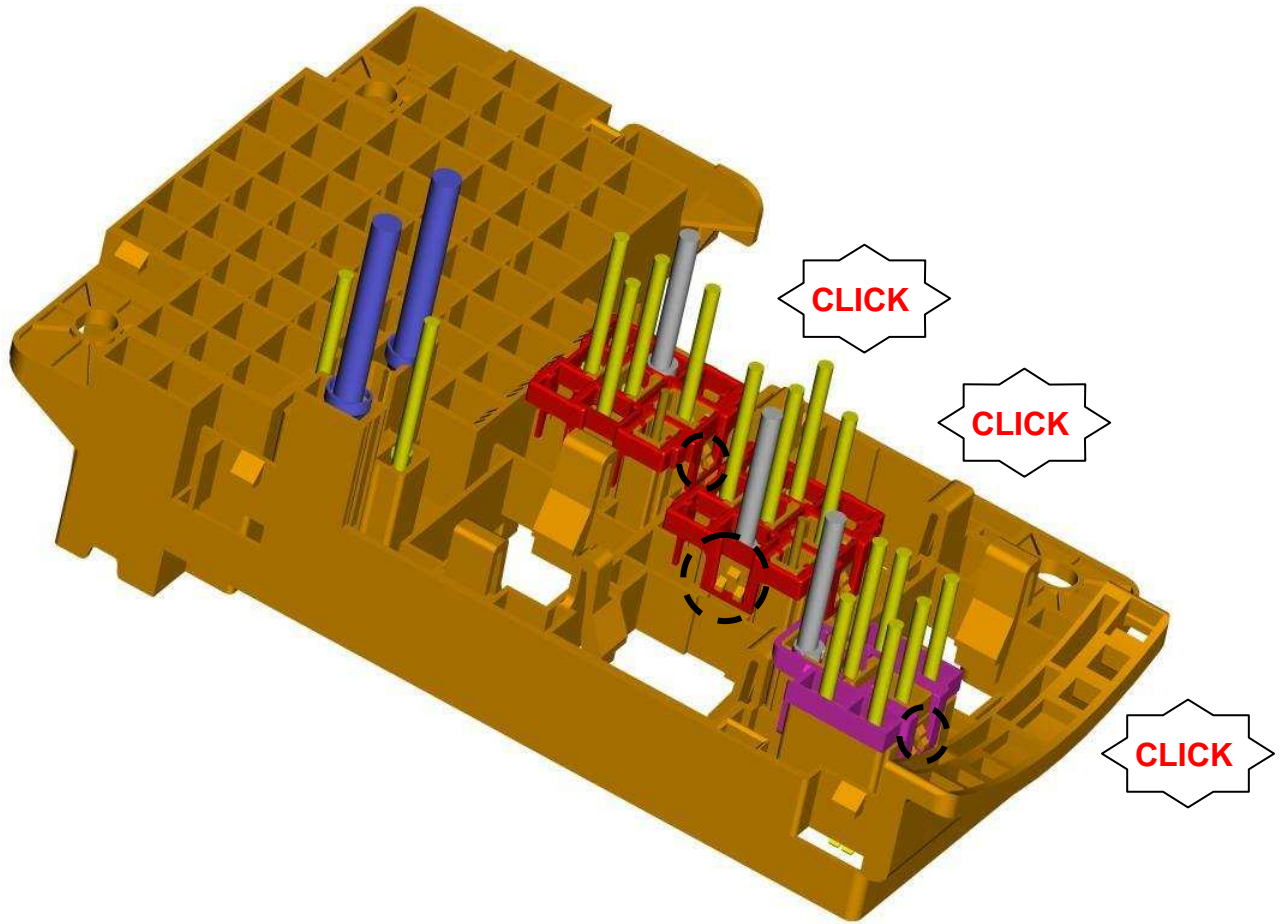
HSG. 5 POSN. JPT/SPT/FASTIN-ON .375 REC. – P/N TE 1480838-1

Figure 5



If you notice a resistance do not push any more, but check the correct position of the Secondary Lock and the contacts in their cavities and only after then proceed to close the device.





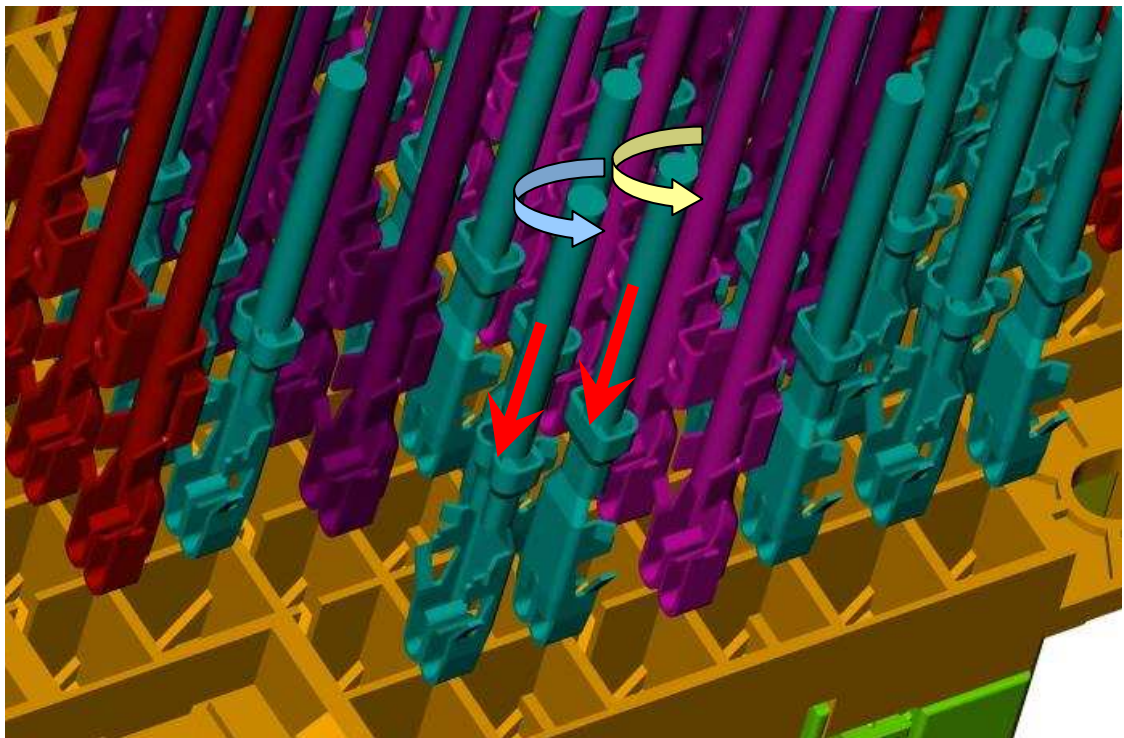
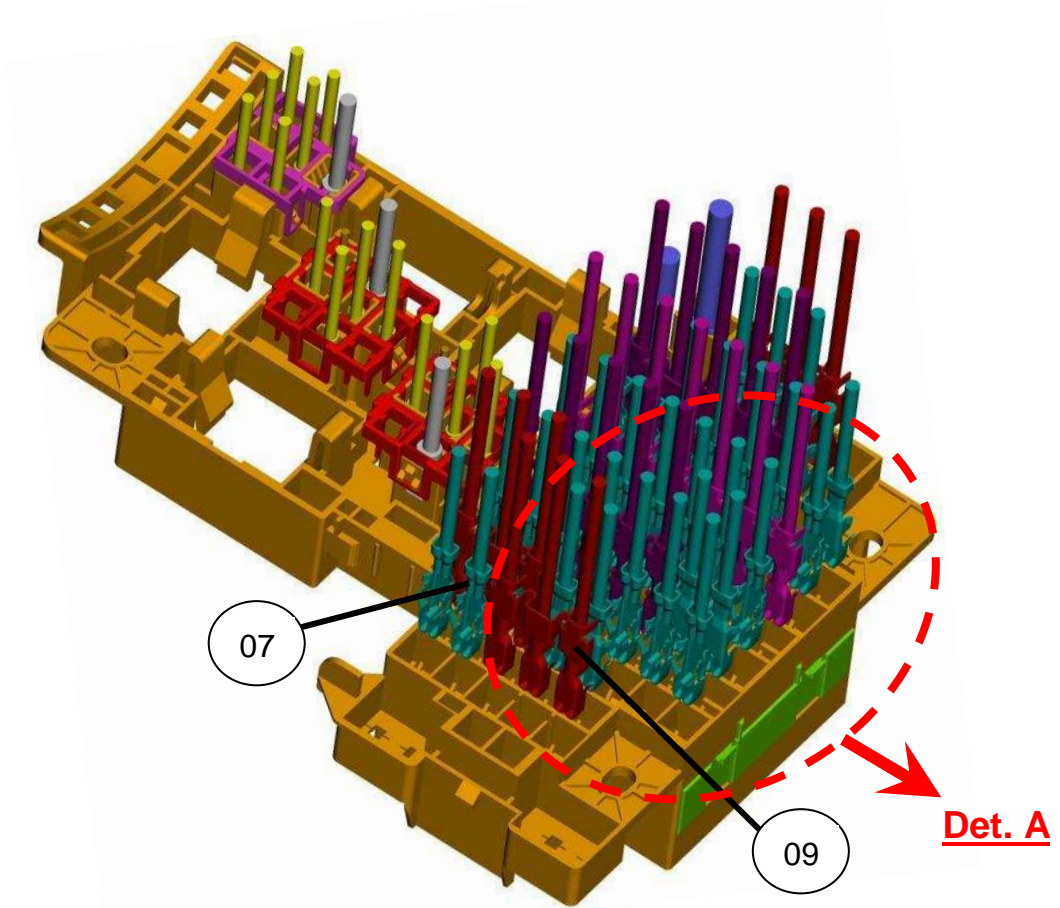
ITEM	TE P/N	TRADE MARK DESCRIPTION
01	1380007-1	FUSE BOX ASSEMBLY
08	444008-2	.375 FASTIN ON REC.
	880003-2	
	881606-4	
10	927831-2	STANDARD POWER TIMER REC.
	927837-2	
	927829-2	
11	964282-2	JUNIOR POWER TIMER REC.
	964284-2	
	965999-2	
12	928909-5	POSITIVE LOCK REC.
	927852-6	
	154717-6	
	790319-3	

FUSE BOX ASSEMBLY – P/N TE 1380007-1

Figure 6



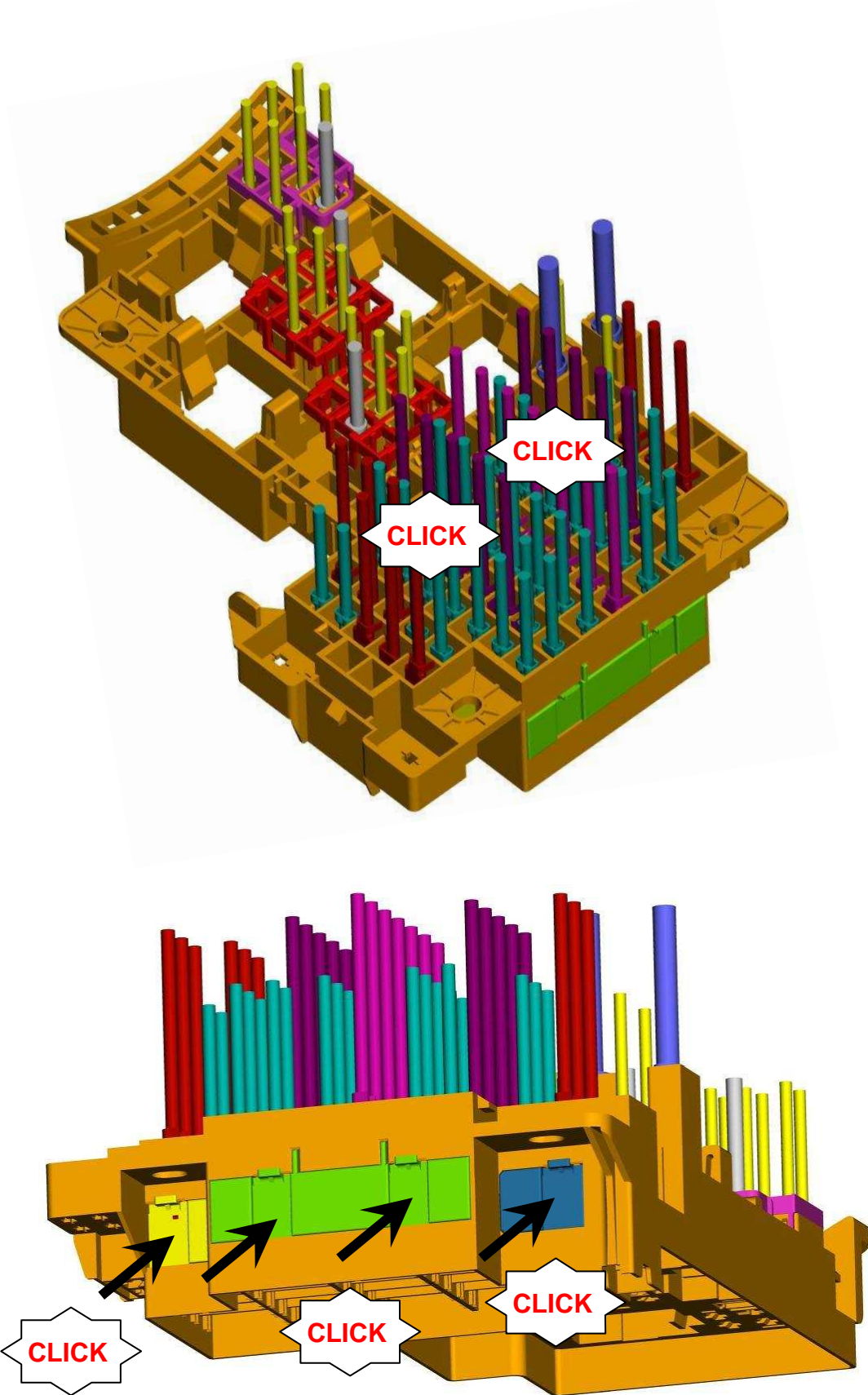
If you notice a resistance do not push any more, but check the correct position of the Secondary Lock and the contacts in their cavities, and only after then proceed to close the device.



Detail "A"



The terminal fuse contact can be inserted in both directions, as shown by the arrows. At detail "A" above.



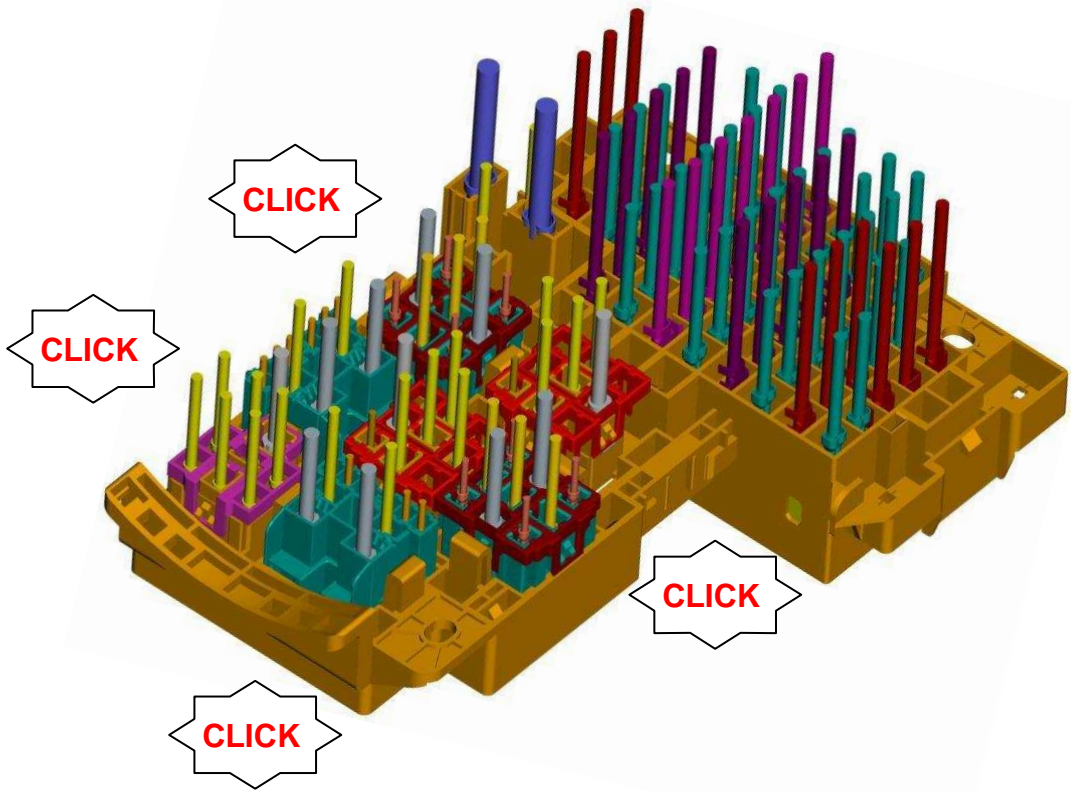
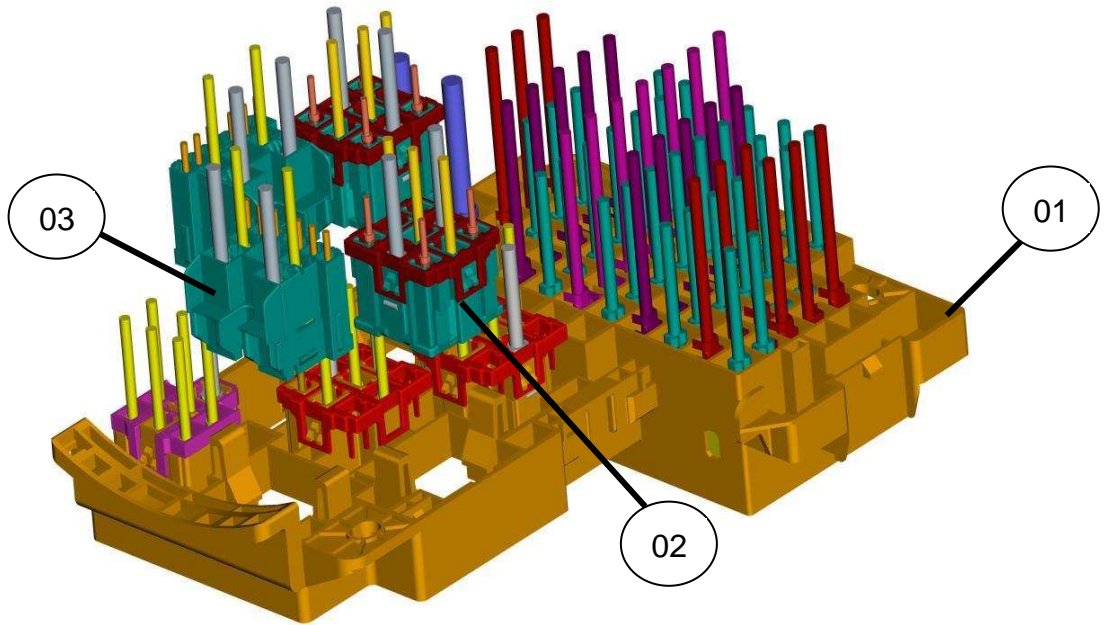
ITEM	TE P/N	TRADE MARK DESCRIPTION
01	1380007-1	FUSE BOX ASSEMBLY
08	444008-2	.375 FASTIN ON REC.
	880003-2	
	881606-4	
10	927831-2	STANDARD POWER TIMER REC.
	927837-2	
	927829-2	
11	964282-2	JUNIOR POWER TIMER REC.
	964284-2	
	965999-2	
12	928909-5	POSITIVE LOCK REC.
	927852-6	
	154717-6	
	790319-3	
07	1380317-2	FUSE CONTACT REC.
	880397-2	
	880398-2	
	880399-2	
09	2-880490-2	FUSE CONTACT - BUSBAR
	2-880492-2	
	3-880492-2	
	4-880492-2	
	881572-1	
	881572-2	
	881572-3	
	881572-4	
	1380004-1	

FUSE BOX ASSEMBLY – P/N TE 1380007-1

Figure 7



If you notice a resistance do not push any more, but check the correct position of the Secondary Lock and the contacts in their cavities and only after then proceed to close the device.

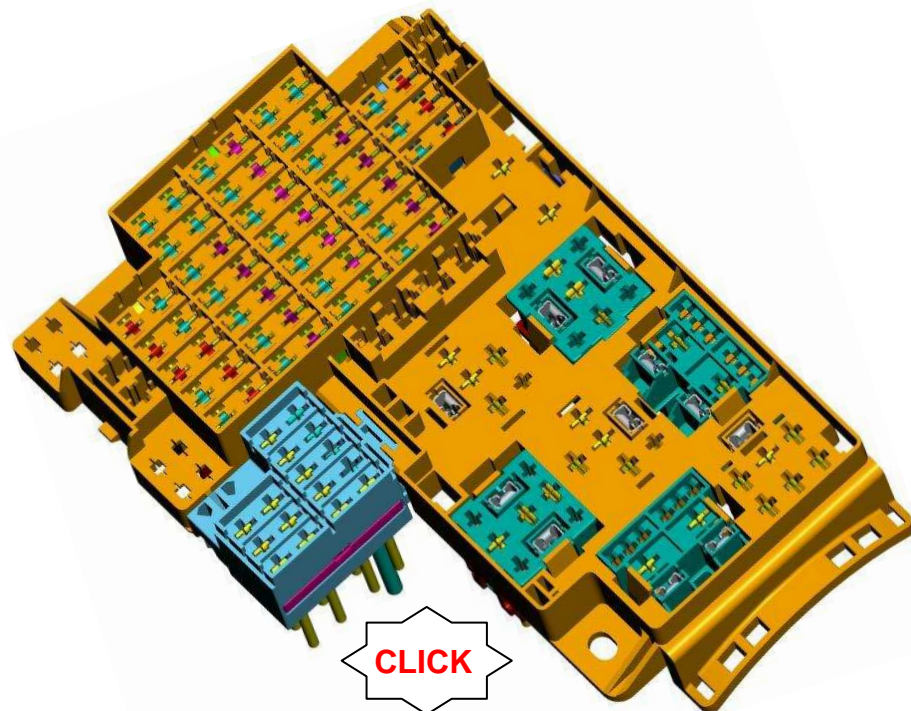
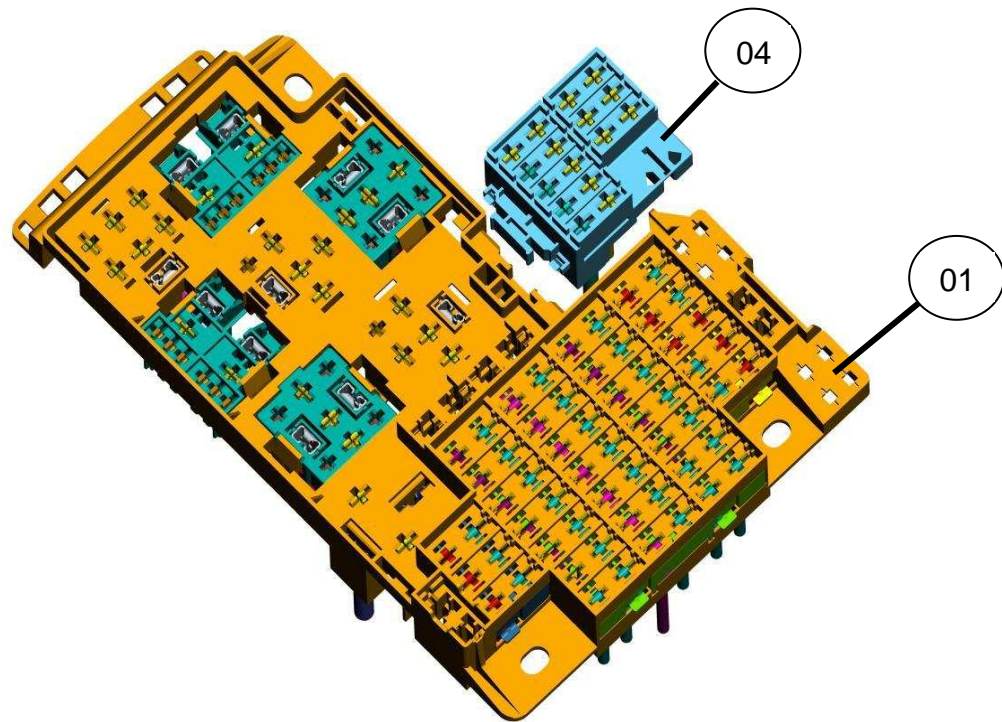


FUSE BOX ASSEMBLY – PN T/E 1380007-1

Figure 8



The Connectors item 02 (P/N 444017-1) and item 03 (P/N 1380006-1) may change positions to the mounted.

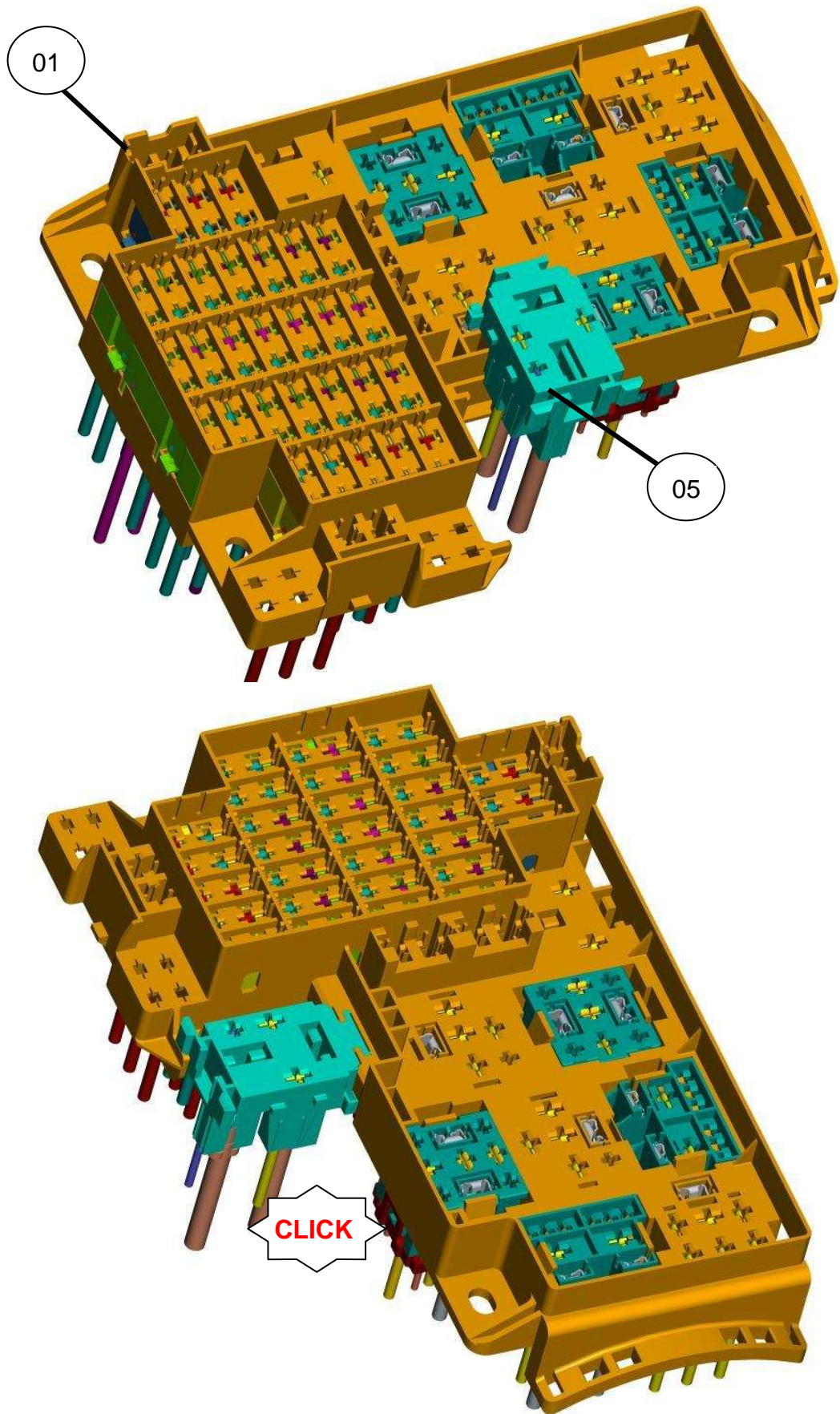


FUSE BOX ASSEMBLY – P/N TE 1380007-1

Figure 9



The Connectors item 04 (P/N 1599677-1) and item 05 (P/N 1480838-1) may change positions in the mounted.

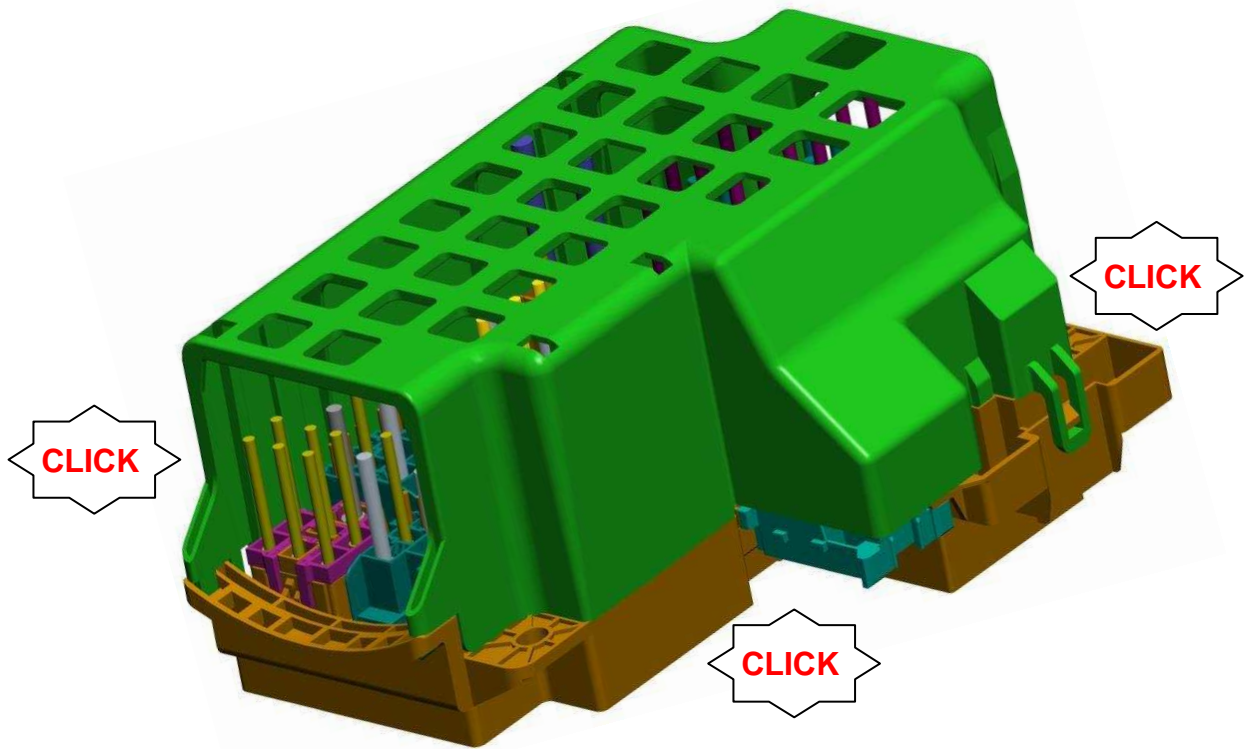
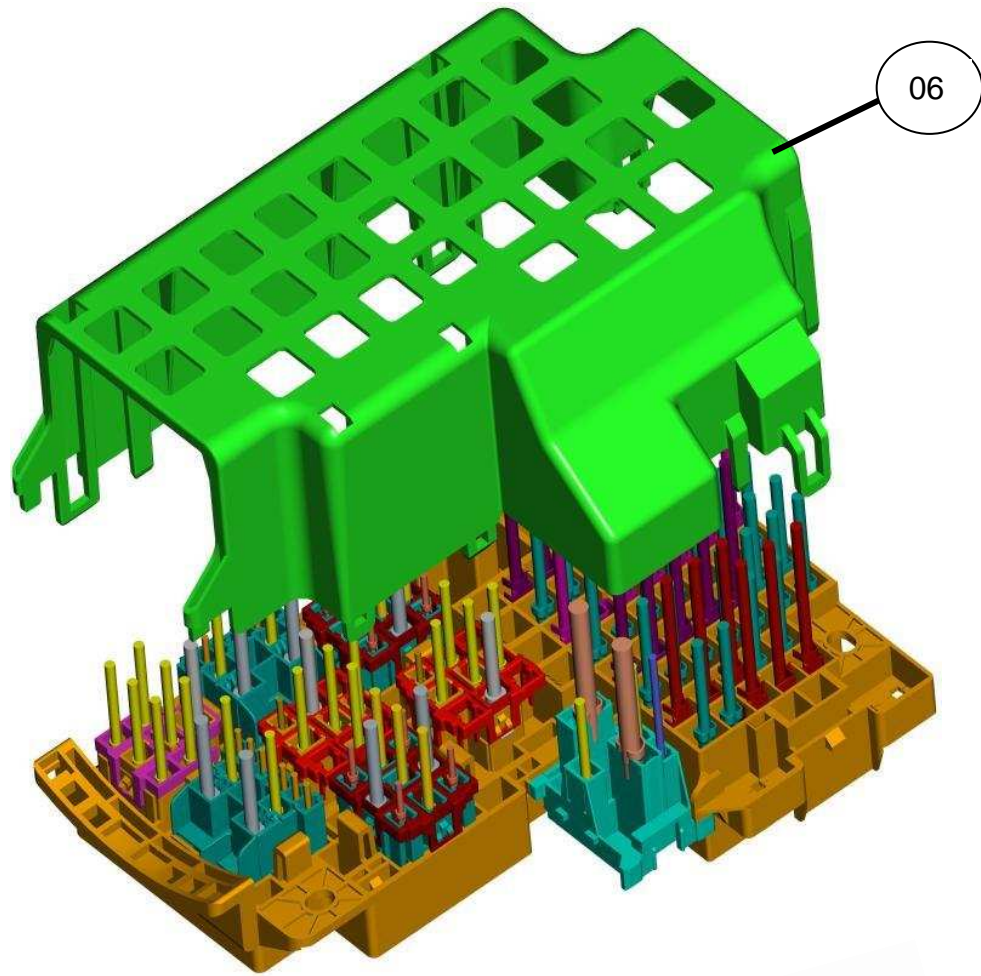


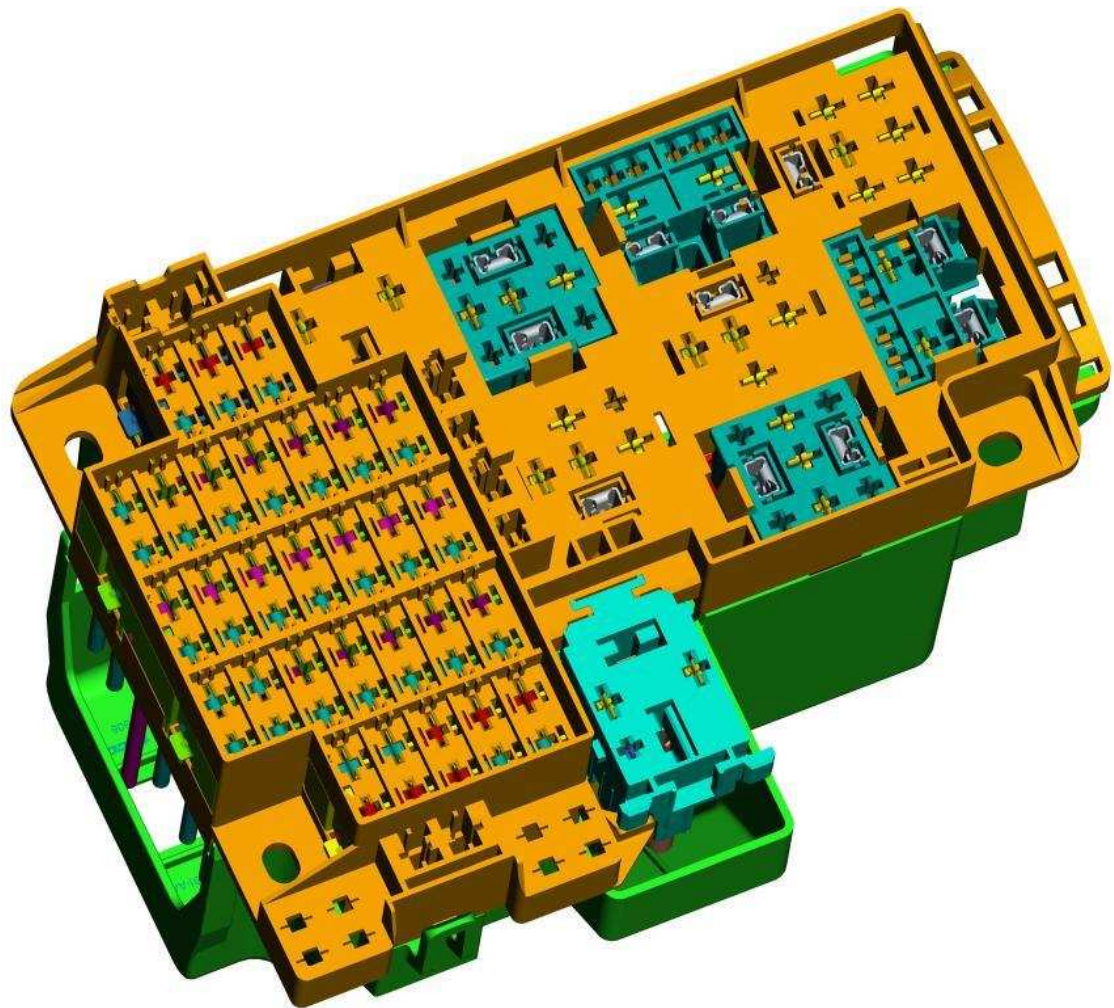
FUSE BOX ASSEMBLY – P/N TE 1380007-1

Figure 10



The Connectors item 04 (PN 1599677-1) and item 05 (PN 1480838-1) may change positions to the mounted.





ITEM	TE P/N	TRADE MARK DESCRIPTION
01	1599677-1	HSG. ASSEMBLY 16 POSN. SPT REC.
06	1380011-1 1599844-1	WIRE DRESS

FUSE BOX ASSEMBLY – P/N TE 1380007-1

Figure 11

WARNING! For Wire Dress item 06 there are two options (P/N's 1380011-1 and 1599488-1).

Revision Record					
Rev.	Date	Description	Edited	Checked	Approved
A	12-Sep-2011	Release	Gentil Oliveira	Marcos Ogawa	Andre Metzker