

Hsg. Rec. Ass'y 2, 3, 4 and 6 Posn. Sensor Flat

1. SCOPE

a) CONTENT

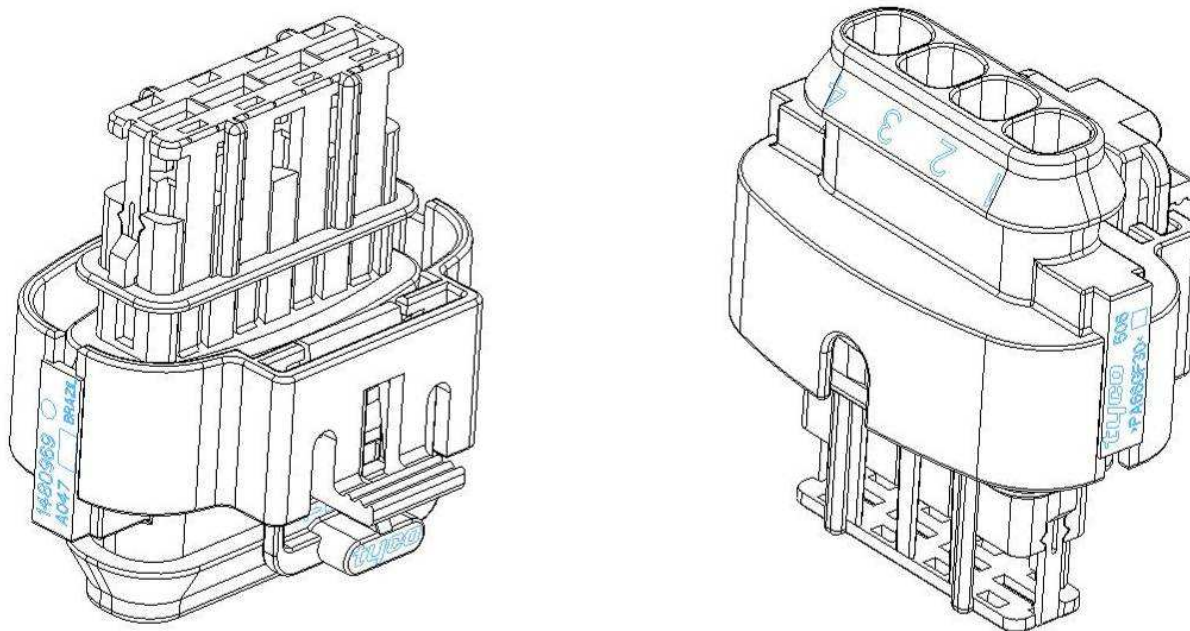
This Instruction Sheet is to provide useful information for correct assembly of the harness and correct assembly / disassembly of the connectors.

TE P/N	TRADE MARK DESCRIPTION
1599099	HOUSING ASS'Y 2 POSN. SENSOR FLAT, RCPT
1480965	HOUSING ASS'Y 3 POSN. SENSOR FLAT, RCPT
1480968	HOUSING ASS'Y 4 POSN. SENSOR FLAT, RCPT
1480971	HOUSING ASS'Y 6 POSN. SENSOR FLAT, RCPT

TABLE 1

2. PACKAGING OF THE CONNECTORS

Hsg. Rec. Ass'y 4 Posn. Sensor Flat (P/N 1480968) is shown on Figure 1. The connectors are supplied with a preassembled Secondary Lock. Connectors have mechanical polarizations to assure the proper mating between male and female housing. The connectors are supplied in a carton box in random order.



NOTE!

For illustration, it is being used the HSG ASSY 4 Pos, Sensor Flat, RCPT images. This specification can be used for all part numbers included in the table 01.

**HOUSING ASS'Y 4 POS. SENSOR FLAT, RCPT. PN 1480968
(FIGURE 1)**

3. CONTACTS AND SINGLE WIRE SEALS LOADING

Insert the contacts into the housings cavities according to figure 2 until the lance on the metal contacts body is released. On table 2 below are indicated the different contacts that it can be used.

TE P/N	TRADE MARK DESCRIPTION	WIRE RANGE (FOR CONTACTS ONLY)
967541	2.8 mm SENSOR FLAT TERMINAL	0,35 – 0,50 mm ²
967542		0,50 – 1,00 mm ²
967543		1,50 – 2,50 mm ²
828904	SINGLE WIRE SEAL	0,50 – 1,00 mm ²
828905		1,50 – 2,50 mm ²

TABLE 2

(CONTACTS USED ON HSG ASS'Y 4 POSN. SENSOR FLAT , RCPT.)

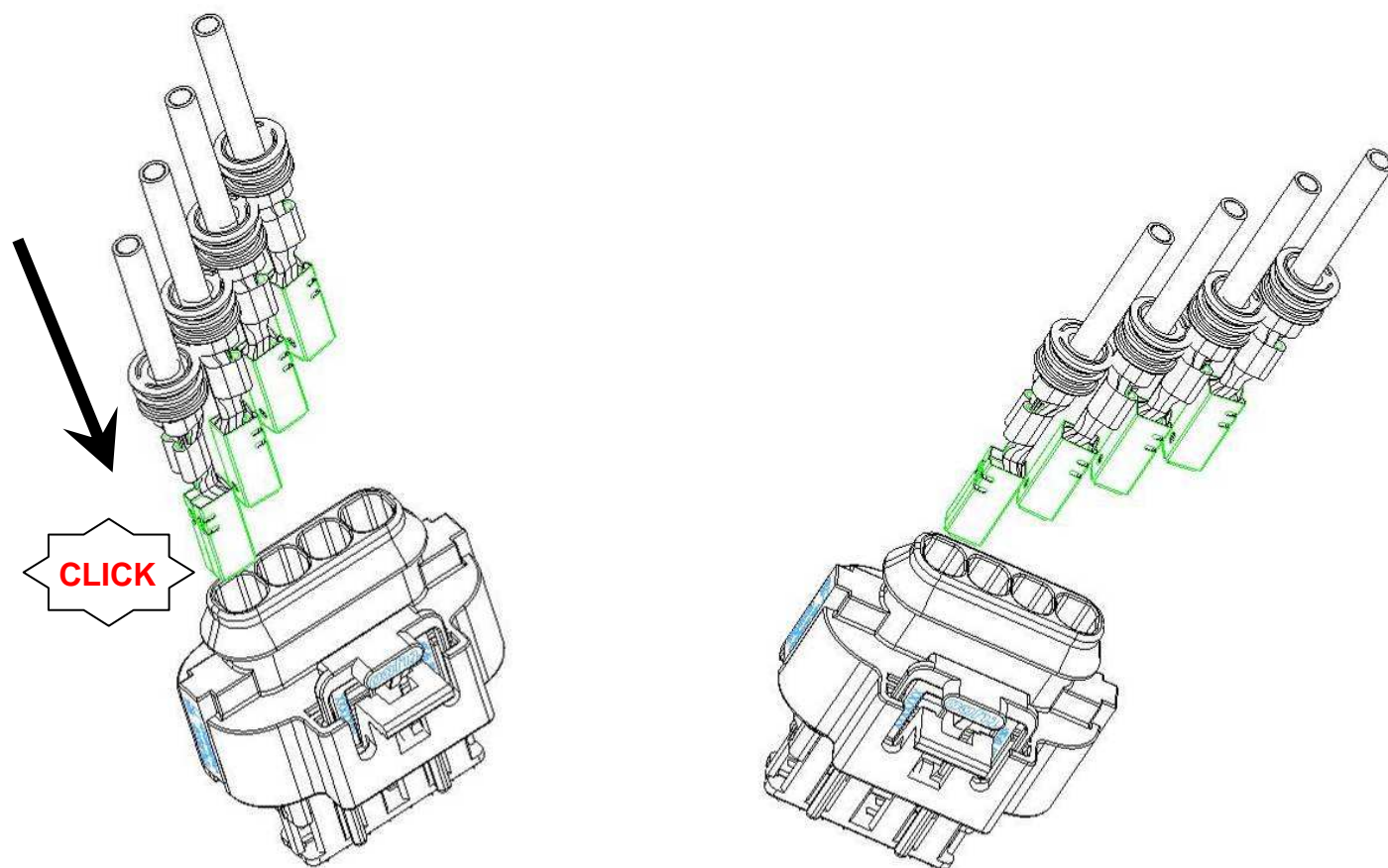


FIGURE 2 - 1480968

4. SECONDARY LOCK CLOSING DEVICE

After the insertion of the contacts into their cavities, close the Secondary Lock, by pushing in the direction shown by the arrows on figure 3 below, into the relevant seats in the male and female housings until the end position.

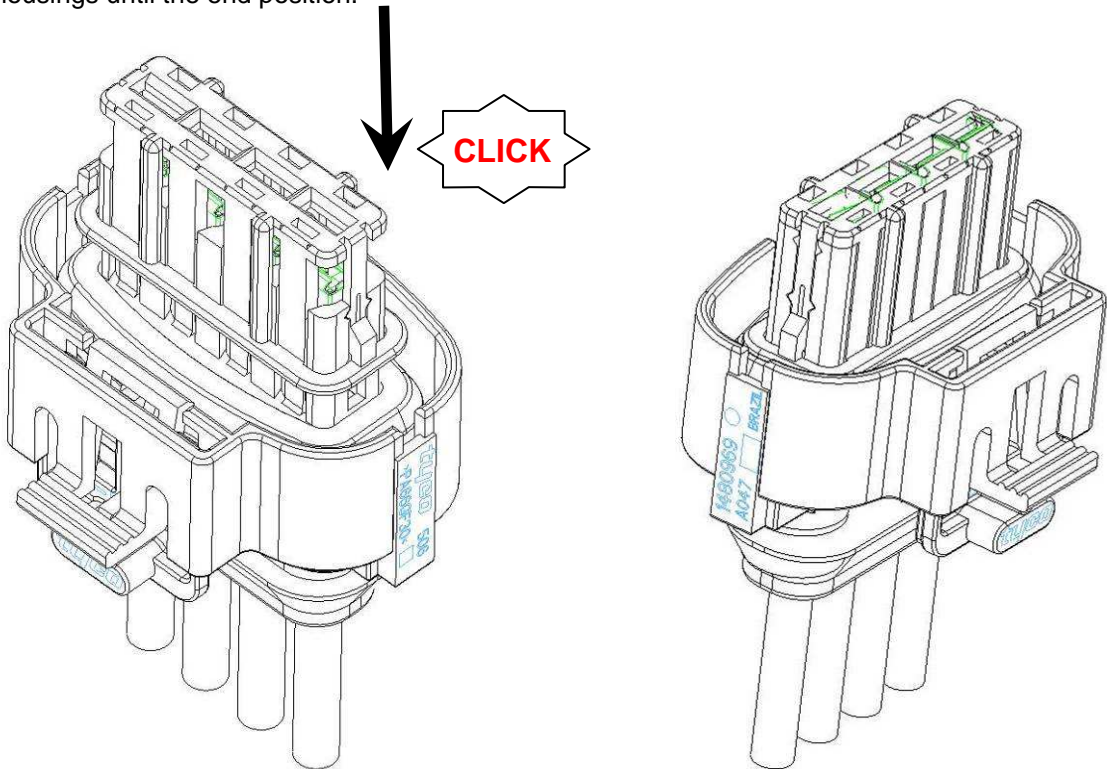


FIGURE 3 - HOUSING REC. ASS'Y 4 POS. SENSOR FLATR – P/N 1480968

5. CONNECTOR POSITION ASSURANCE CLOSING DEVICE

After the insertion of the connector with contacts into the counter part, close the Connector Position Assurance (CPA), by pushing in the direction shown by the arrows on figure 4 below, into the relevant seats in the male and female housings until the end position.

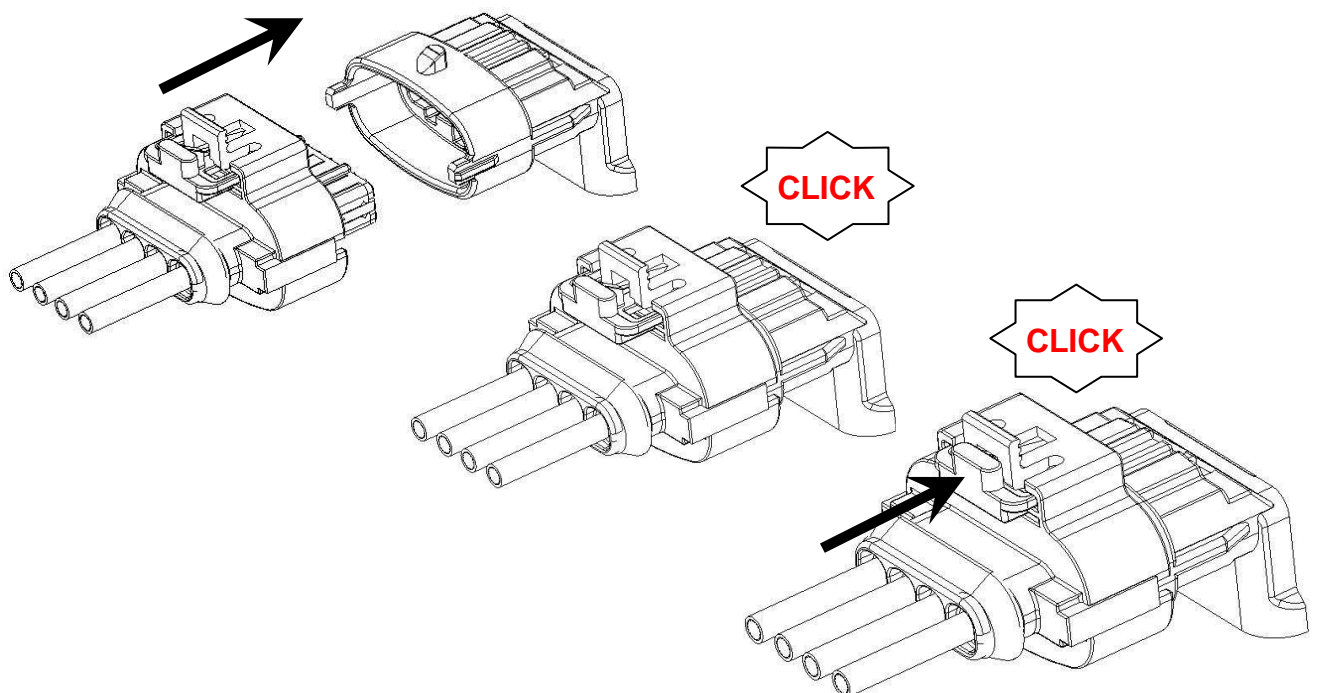


FIGURE 4 - CPA CLOSING

6. CONNECTOR POSITION ASSURANCE EXTRACTION

To extract the CPA the following steps must be followed:

- a) Pull the CPA in the direction shown by the arrows until pre-position, see Figure 5 below.

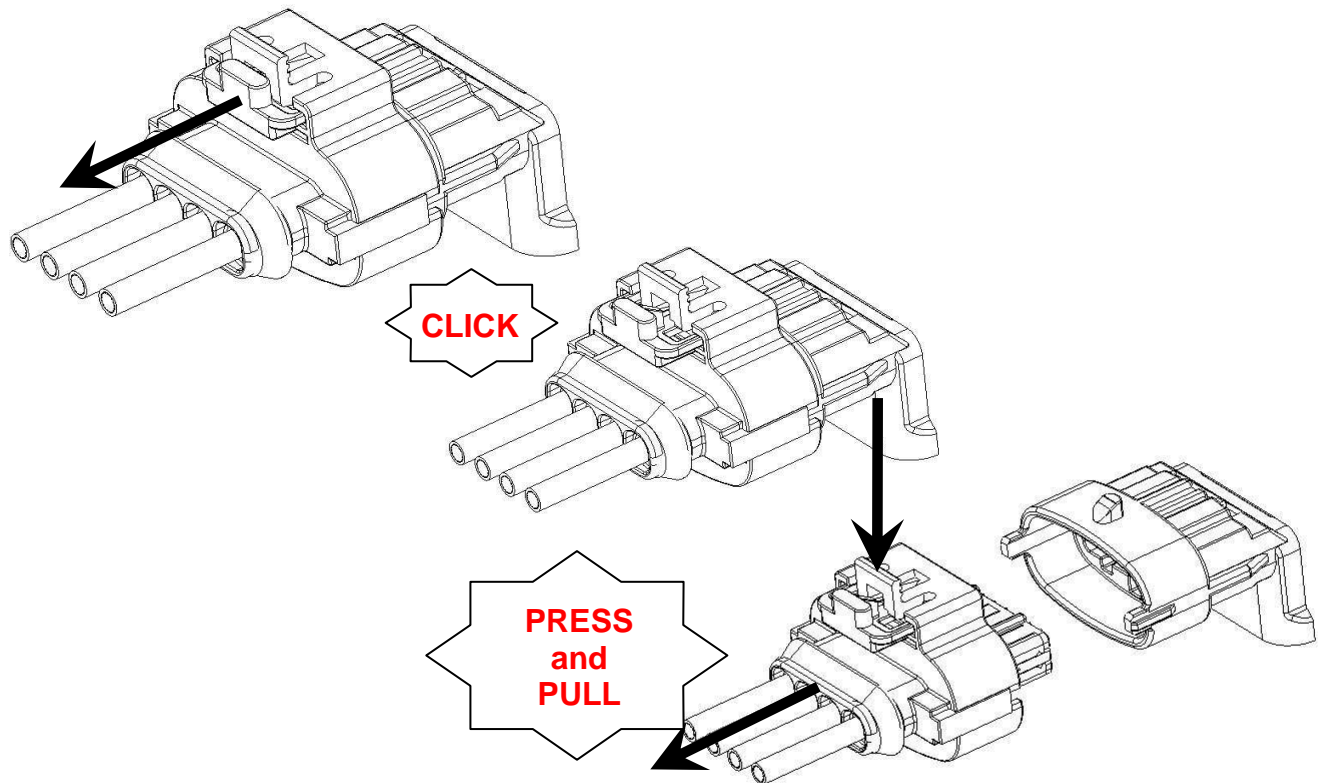


FIGURE 5 - CPA EXTRACTION

7. CONTACTS EXTRACTION

To extract a contact the following steps must be followed:

- a) Remove completely the Secondary Lock in the direction shown by the arrows; see Figure 6 below.

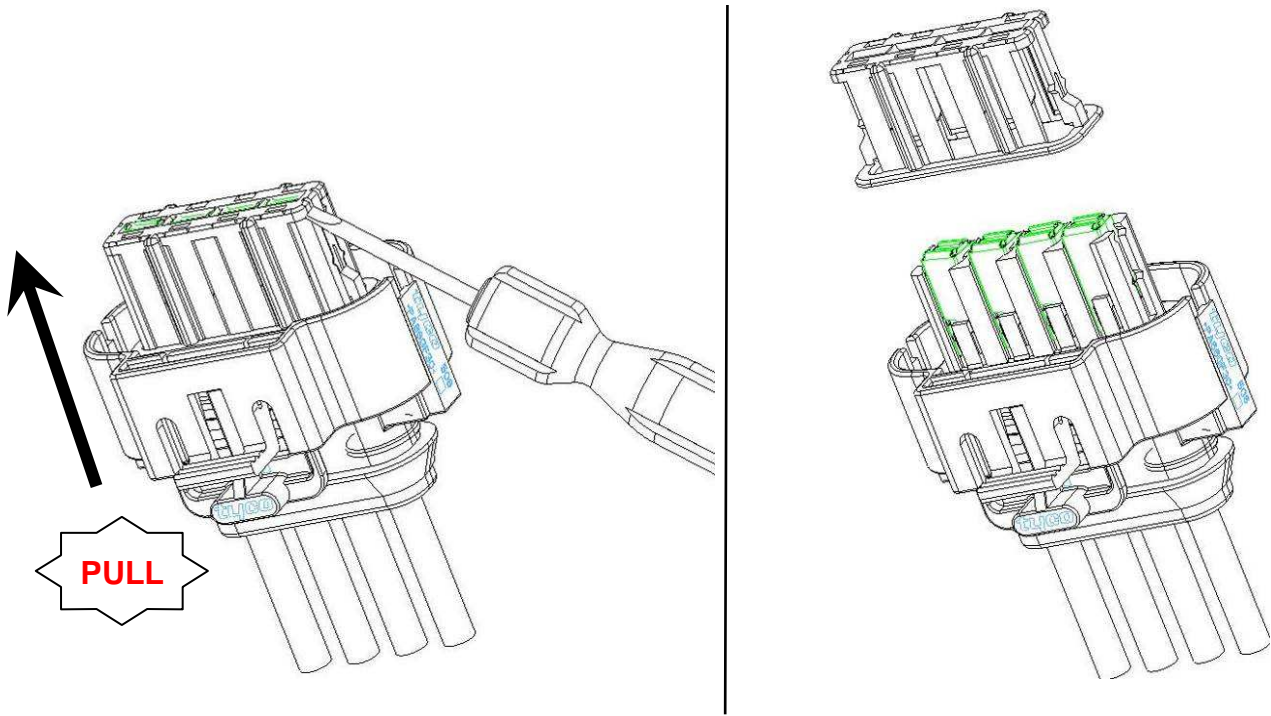


FIGURE 6 - 1480968

- b) Insert the appropriate tool, see Figure 7 to the relevant seats of the cavities, and then pull the contacts in the direction shown by the arrows.

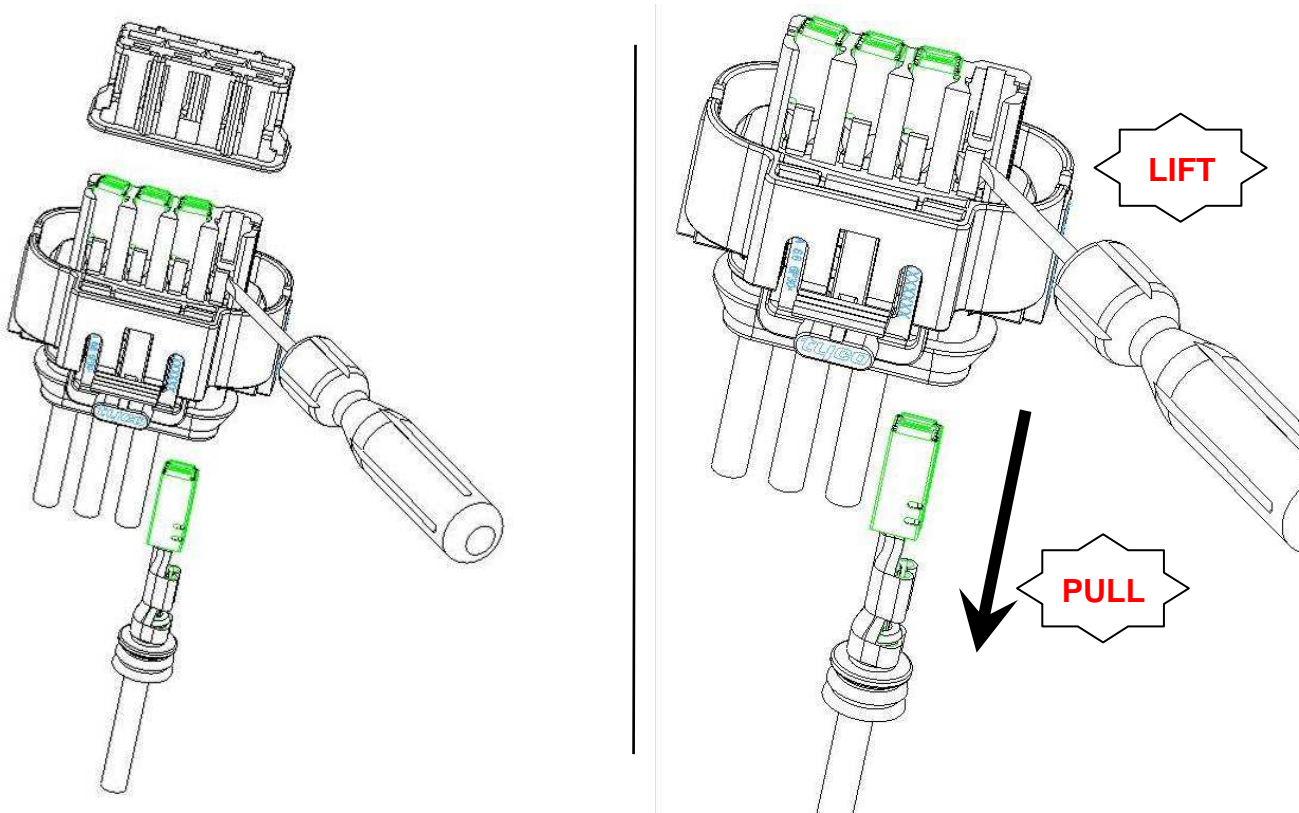


FIGURE 7

History				
Rev.	Date	Description	Prepared	Approved
A	22-Feb-2010	Released	S. Alves	L. W. Prado