

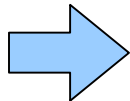
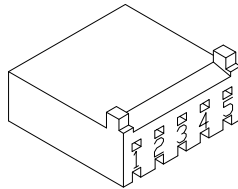
## FCCP CABLE ADJUSTEMENT PROCEDURE FOR THE SENSORS

### Tools Requirement:

- Modification Kit (Provided by Multitel)
- Cutter pliers
- Conductor skinner
- Ruler or equivalent
- Crimper Tool AMP (TYCO).
  - PRO CRIMPER II HAND TOOL: 354940-1
  - DIE ASSEMBLY: 58517-2
  - LOCATOR: 189590-1
- Heat Gun ou équivalent
- Soldering Iron
- Multimeter

### Proceed as per the following:

- 1- Cut the cable 3 inches (8cm) longer than the total needed length.
- 2- Remove 4 inches (10cm) of the outer insulation. Remove the silver shield paper, but keep the un-insulated stranded ground wire. If possible, tin-plate the end of the ground wire to protect against fraying.
- 3- Slip on the piece of heat shrink tube to the cable, but do not heat it immediately.
- 4- Cut the two pairs of wire (white/black) and (red/black) at one inch (3cm) long. Do not untwist the pairs of wire.
- 5- Install the pins with the crimper tool. Once installed, pull the pins slightly to test the mechanical strength. The ground wire does not need pin.
- 6- Locate the numbers printed onto the insertion face of the connector and install the pins according to the table shown below:



To ensure the two black conductors are not reversed, use a multimeter to verify the continuity between each pairs (between 2 and 3) and (between 4 and 5).

	PAIR OF WIRES WHITE/BLACK		PAIR OF WIRES RED/BLACK	
	Black Wire	White Wire	Red Wire	Black Wire
Location n°	2	3	4	5

- 7- Place the heat shrink at mid way between the outer insulation of the cable and the connector.