Revision Notes.				
R1 -				
APA:	Drawn:-	Checked:-	Approved:-	Date: -

CHANGES FROM BASE PRODUCT BS-4000W-ECU (3744) TO BS-4000W(TA)-ECU (5620)

CHANGE: 1. REDUCE NUMBER OF BEEPS BY HALF OF THAT OF THE BASE PRODUCT.
2. BS-4000W(TA) PD-LBL REPLACED WITH XXX PD LABEL

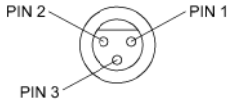
OPERATION: REDUCE NUMBER OF BEEPS BY HALF OF THAT OF THE BASE PRODUCT.
ADDED MUTE FUNCTION

VIEW A

2 PIN FEMALE MATING FACE

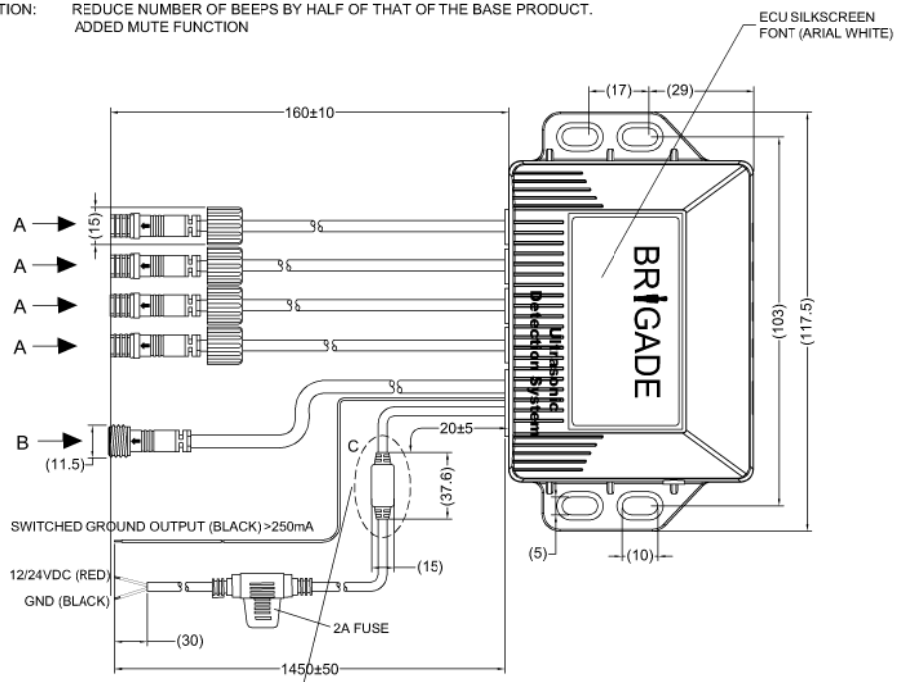
PIN #	WIRE COLOUR	DESCRIPTION
1	BLACK	GND
2	RED	SENSOR SIGNAL

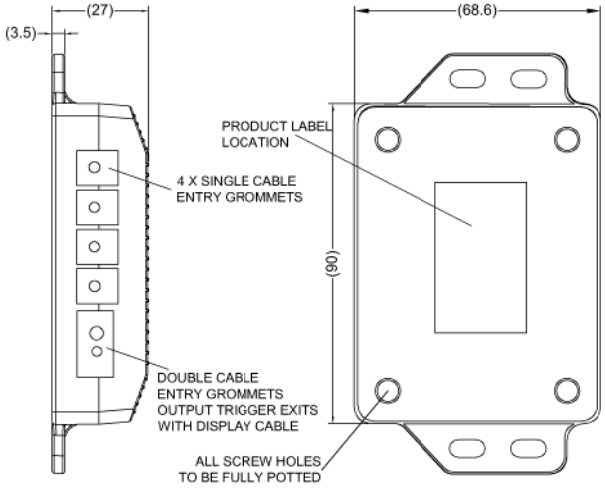
VIEW B

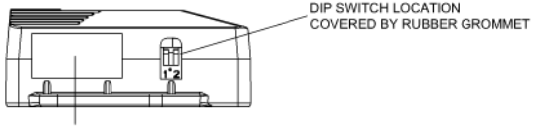


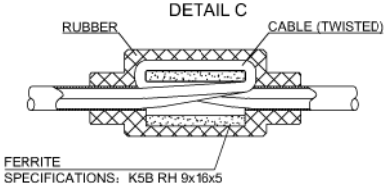
3 PIN MALE MATING FACE

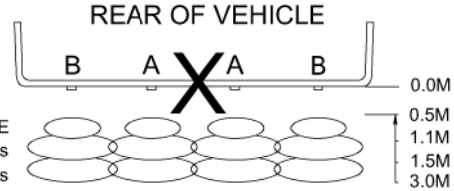
PIN #	WIRE COLOUR	DESCRIPTION
1	BLACK	GND
2	RED	BUZZER POWER
3	WHITE	BUZZER SIGNAL



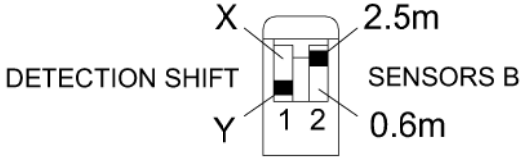


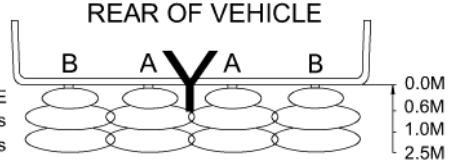






DIP SWITCH CONFIGURATION





NOTES:
1. WHEN THE SYSTEM IS POWERED BUT NOT DETECTING THE LED WILL REMAIN GREEN.(NO START UP BEEP)
2. ALL AUDIBLE WARNINGS ARE MEASURED IN BEEPS PER SECOND (bps).
3. ALL VISUAL WARNINGS ARE RED AND ARE MEASURED IN FLASHES PER SECOND (fps).
4. THE SELF DIAGNOSTIC FUNCTION (ON START-UP) WILL BEEP ONCE FOR ONE FAULTY SENSOR, TWICE FOR TWO FAULTY SENSORS ETC...
5. DIP SWITCH 1 SWITCHES DETECTION BETWEEN (**X** & **Y**), DEFAULT POSITION IS Y. (HOWEVER THE UDS-DISPLAYS RANGE WILL ALWAYS SHOW 0.0 - 2.5m..)
6. DIP SWITCH 2 SWITCHES OUTER SENSORS BETWEEN 0.6M & 2.5M, DEFAULT POSITION IS 2.5M.
7. THE ECU IS FULLY POTTED.
8. GROUND OUTPUT ON BLACK WIRE OPERATES DURING DETECTION.(MAXIMUM CURRENT 250mA)
9. PCB REVISION LEVEL: PCB-10015-00.
10. SOFTWARE VERSION: DIC-10015-12
11. FOR PACKAGING AND LABELLING DETAILS REFER TO MASTER BOM
12. ANY CUSTOMER MODIFICATION OF THIS PRODUCT CAUSING SUBSEQUENT FAILURE IS NOT A LIABILITY OF BRIGADE ELECTRONICS PLC.
13. MUTE FUNCTION ADDED, WHEN THE SYSTEM DETECTS AN OBJECT AND THERE IS NO CHANGE IN DETECTION DISTANCE AFTER 4 SECONDS, THE VISUAL ALERT WILL REMAIN RED ALTHOUGH THE AUDILE ALERT WILL BE SILENCED.

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Assembly PI Approval A.YAO 26/09/2018	Approved by B.CHILDS	Checked by W.BEAZLEY	Drawn by W.SINDEN
Angle of Projection	Units mm / Scale N/A	Released 02/01/14	Assembly Ref -
Third Angle	Status RELEASED	BS-4000W(TA)-ECU	
	Part No 5620	BE-003881-00-18	

FrameV2