

Date	02/10/96	Type	Novametrics / Spacelabs Conversion Cable
Schematic's			
SOCKET (Rear View) 1 - Blue 2 - Red 3 - White 4 - Black 5 - Shield 6 - Green 7 - Not Used 1 - Blue 2 - Red 3 - Black 4 - White 5 - Shield 6 - Green 7 - Not Used PLUG			
I.R. L.E.D. Sensor			
Drawn By:	Derek Lamb (unchecked)	Signed	



New Information Data Sheet



Extension Cables

Date	6-10-98	Technician	APB
Original Manufacturer	SPACELABS	Original part Number	
Work requested by	EPIC DEPT.	Length	
Description	E.T. CABLE	Time taken mins	
New part number if required		Photographs	Yes No

Connector manufacturer	Observations on the cable:- A BLUE WIRE IS ATTACHED TO FROM THE SHIELD TO PIN 3 OF THE HYPERBOLIC END, MAKING THE CONNECTION FROM THE SHIELD TO THE PIN 3.						Connector manufacturer
View <u>REAR SOLDER</u>							View <u>REAR SOLDER</u>
Connector Diagram	Colour	Pins	Cross wiring diagram	Pin	Colour	Connector Diagram	
	RED	1		1	BLACK		
	PURPLE	2		2	BROWN		
	GREEN	3		3	SHIELD		
	N.C	4		4	N.C		
	BLACK	5		5	N.C		
	SHIELD	6		6	N.C		
		7		7			
	N.C	8		8	RED		
	BROWN	9		9	N.C		
		10		10	N.C		
		11		11	GREEN		
		12		12	PURPLE		
		13		13			
		14		14			
		15		15			
		16		16			
Electronic components		Pin	Are there any changes from Viamed records	Pin		Electronic components	
<u>LINK</u>		6		2		10-2 RESISTOR	
		7		3			61K RESISTOR
				7			

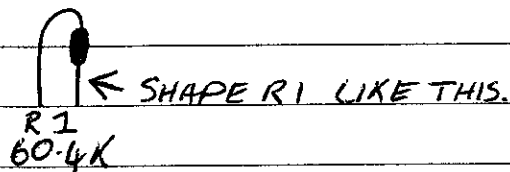
This diagram has been validated by :

Date

Cable works on original equipment	Cable diagram correct	Components correct	Colours correct
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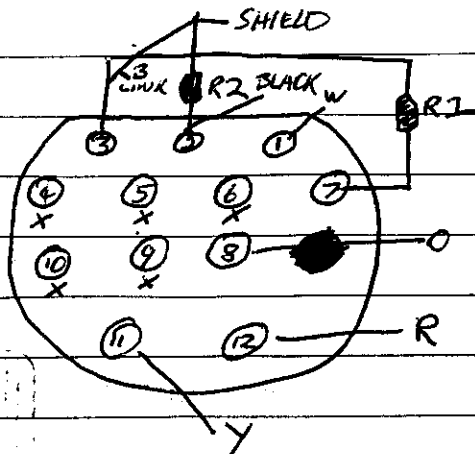
STEP 2. SAME AS P890 RA EXCEPT EXTRACT BLUE WIRE FOR DRILLING.

STEP 4- PUT RED, YELLOW, ORANGE AND WHITE WIRES IN PINS.
PUT BOTH ENDS OF R1 RESISTOR IN PINS AS FOLLOWS-



STEP 5- PUT R2 RESISTOR^{LEG} IN 1 PIN, THEN JUST ABOVE PIN SOLDER BLACK WIRE, ON TOP LEG (THE UNATTACHED ONE)

STEP 7- PLACE ALL PINS INTO CONNECTOR AS FOLLOWS



- 1 = WHITE
2 = R2 / BLACK / SHIELD / LINK.
3 = R1 / LINK.
4 = N/C 9 = N/C
5 = N/C 10 = N/C
6 = N/C 11 = YELLOW
7 = R1 12 = RED.
8 = ORANGE

CONT.

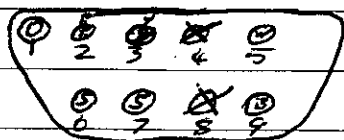
SPACELAB EXTENSION P926 E10THE OPASIT END!

STEP 1 - PLACE LARGE SLEEVE OVER CABLE (MAKING SURE CLEAR HEAT SHRINK IS ON CABLE) THEN BLACK STRAW RELEIF FOLLOWED BY CABLE GRIP.

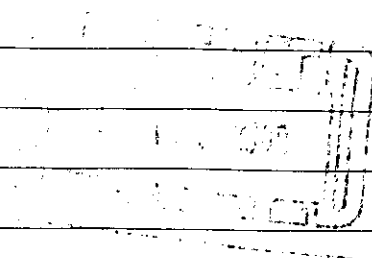
STEP 2 - STRIP CABLE ACORDING TO CRITICOM, EXEPT REMOVE ~~THE~~ BLUE WIRE, ~~STRIP~~ STRIP INNER CABLE TO SAME LENGHT AS OUTER CABLE & GATHER SHEILDS, SPLIT EACH ONE IN $\frac{1}{2}$ THEN PLACE OPASIT $\frac{1}{2}$ 'S TOGETHER ~~AND~~ TWIST ~~AND~~ TIN. ~~END~~

STEP 3 - CUT ALL WIRES TO $1\frac{1}{2}$ CM & TIN ENDS, THEN PLACE & SOLDER INTO PINS.

STEP 4 - ~~PLACE~~ PLACE ALL PINS IN CASE AS FOLLOWS:-



1 = ORANGE	6 = SHIELD
2 = RED	7 = SHIELD
3 = YELLOW	8 = N/C
4 = N/C	9 = BLACK
5 = WHITE	



1/5/00 Extension Cables. 7926E10 (SpaceLabs)

R1 - 60 4K

R2 - 10 K

Strip cable to about 2 inch.

Strip inner shield to same length.

Fasten both shields together.

Cut blue wire off.

Cut rest of wires to 2cm. in length.

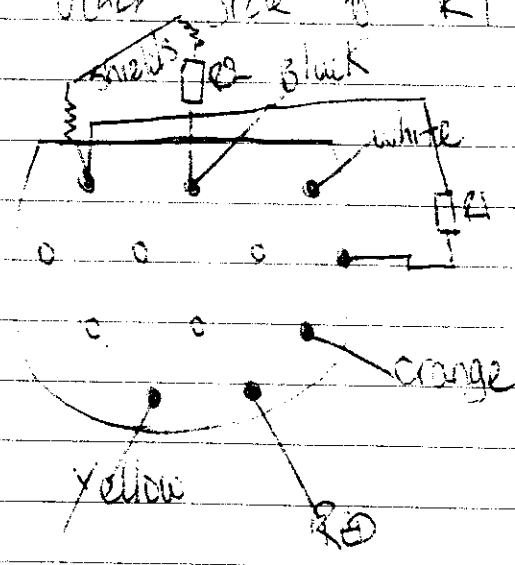
Cut blue wire to 3cm. in both ends.

Add pins to - red, yellow, orange, white wires and both ends of R1.

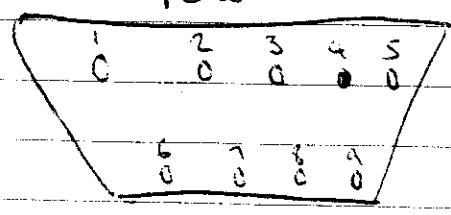
Insert these pins into connector as soon as R2 is attached.

Cut shields down and attach to R2. attach blue as well.

Attach blue other side to R1.



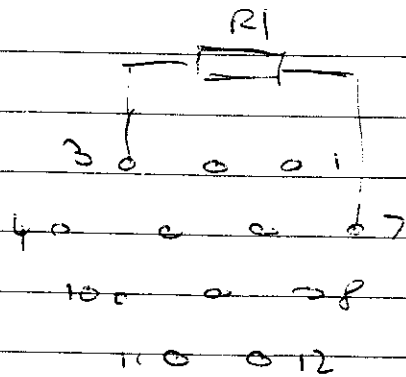
Female Connector rear View



- | | |
|-----------|-------------------|
| 1/ orange | 6/ shield (twist) |
| 2/ red | 7/ shield (twist) |
| 3/ yellow | 8/ N/C |
| 4/ N/C | 9/ Black |
| 5/ white | |

MCI P8879A SPACELABS (NOVAMATRIX)

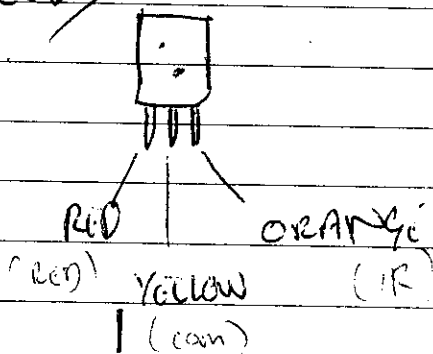
CONN RV



- 1 WHITE
- 2 BLACK
- 3 R1 + SHIELDS
- 4 -
- 5 -
- 6 -
- 7 R1
- 8 -
- 9 RED
- 10 ORANGE
- 11 -
- 12 YELLOW

$R1 = 47K\Omega \ 5\%$

LED



WHITE BLACK