



METROPOLITAN TRANSIT AUTHORITY
OF VICTORIA

Inter Office Memorandum

DATE:

TO: MANAGER, PRESTON WORKSHOPS
FROM: MANAGER, ELECTRICAL DESIGN AND COMMUNICATIONS BRANCH
SUBJECT: Z1/Z2 TRAMS

WHEEL DIAMETER COMPENSATOR - KIT DETAILS AND INSTALLATION
INSTRUCTIONS.

SECTION 1: BRACKET/SOCKET KIT PREPARATION PAGE 2
SECTION 2: TRAM INSTALLATION PAGE 6

MANAGER: - ELECTRICAL DESIGN AND COMMUNICATIONS BRANCH

Report prepared by P. CUSS

18/7/84

WHEEL DIAMETER COMPENSATOR

SECTION 1: BRACKET/SOCKET KIT PREPARATION

1. Cut 15 pieces of 1.5 mm² hypalon (radox) to the required lengths given in Table 1.
2. Place cable numbers on both ends of each wire (Table 1 for details).
3. Solder the wires to the socket pins, matching up the wire number with the correct socket pin letter, eg: wire 451 to socket pin A (Table 1 for details).
Note: use the minimum soldering time consistent with a good joint. Excessive heat can ruin the socket.
4. Place cable ties along the cable bundle to secure the wires together neatly.
5. Thread the wires through the large hole in the bracket and secure the socket with four screws, washers and nuts to the bracket as shown. Secure the dust cover chain under one of the screw heads. See Figure 1 and Figure 2 for Bracket and Mounting details.
6. Screw dust cover over the socket to protect the socket.

REQUIRED MATERIALS

1 KIT

11 metres 1.5 mm² hypalon
1 bracket (workshops)
1 socket CA3102E20 - 29SB
1 dust cover CA121003 - 7
4 1/8" x 3/8" brass whitworth screws
4 1/8" spring washers
4 1/8" brass whitworth nuts
4 cable ties 6"

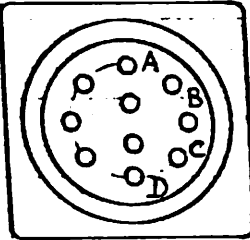
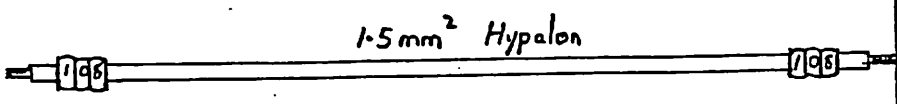
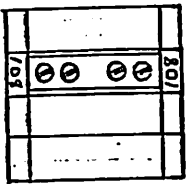
8	cable numbers No. 1)
4	" " " 2)
2	" " " 3)
26	" " " 4)
20	" " " 5)
8	" " " 6)
2	" " " 7)
4	" " " 8)
2	" " " 9)
6	" " " Ø)
2	" " " L)
2	" " " M)
2	" " " S)

88 TOTAL

TABLE 1

"WIRE NUMBERING"

WHEEL DIAMETER COMPENSATOR

SOCKET N°	WIRE N°	WIRE N°	S2 LOCKER N°
			TERMINAL N°
 <p>Rear of Socket is labelled A, B, C, D etc...</p>	 <p>1.5mm² Hypalon</p>		
	<p>length</p>		
A	451	(620 mm)	451
B	452		452
C	453		453
D	454	(645 mm)	454
E	455		455
F	456		456
G	457	(670 mm)	457
H	458		458
J	459		459
K	460	(695 mm)	460
L	461		461
M	462		462
N	OL	(720 mm)	OL
R	MS1	(940 mm)	MS1
S	108	(1030 mm)	108

Wire 1.5mm² Hypalon or Radox

[Socket CA 3102E20 - 29SB] STC CANNON
 [Cover CA 121003-7]

INVERT-A-POWER
SPI 600-SS



DC TO 240VAC
POWER INVERTER

OWNERS' MANUAL

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Silver
SERIES **600**

Selectronic Components Pty Ltd
25 Holloway Drive, Bayswater, Victoria, 3153