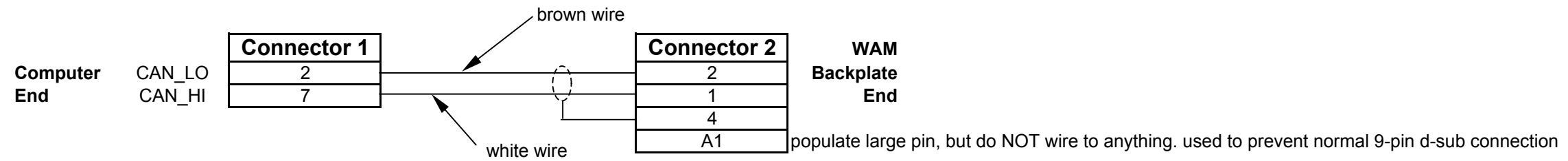


EXTERNAL CAN CABLE (B5214)



Part	Manufacturer	Mfr. P/N	Quantity	Description	Notes
Connector 1	AMP/Tyco	747905-2	1	DB9 female, w/ solder cups	
Connector 2	ITT Cannon	DEM5W1PK87	1	male d-sub with mixed gauge pins	
Pin A1	ITT Cannon	DM53745-8	1	solder cup pin for connector 2	sold separately
Cable	Olflex/Lapp	911264	20 feet	2 x 22 AWG twisted, shielded bus cable	
Backshell	AMP/Tyco	748678-1	2	backshell, grommets, and ferrules	
Resistor	Yageo or equivalent	CFR-25JB-120R or equivalent	1	RES 120 OHM 1/4W 5% CARBON FILM	

Revision	Updated	Checked	Comments
A	040628 AC		Created
B	040629 AC		changed connector 2 from female to male
AA-00	Jul 7, 2004 DW		added backshell to Connector 1 end as well
AB-00	Jul 12, 2004 DW		populate large pin on connector 2
AC-00	Jul 20, 2004 BZ		Added resistor inside PC backshell and notes 3 & 4
AD-00	Aug 17, 2004 DW		swapped pins 1 & 2 on Connector 2

Notes:

- 1 Shield should not be exposed anywhere along wire trajectory.
- 2 Backshell **must** clamp around the **outer sheath** of the cable. Cut outer sheath accordingly.
- 3 Computer-side backshell must contain a 120 Ohm 1/4 watt axial lead resistor between conductors 2 and 7
- 4 DO NOT connect the computer-side cable shield to anything, and make sure it does not touch the resistor in that backshell