

Bill of materials for ELEC.UNIT.0003.0001

1 Revision History

Issue	Date	Engineer	Checked	C/N	Notes
0	17/12/01	K Singh	Name	—	Draft.
1	30/01/02	K Singh	M. Gjessing		First Issue
2	08/04/02	K Singh	J. Shaw	35/02	Added Installation Cable

2 Bill of Materials

Assembly of AEM3000 Minorplanet (MPL) versions only.

Designator	Part Type	Description	Part Field 1	Part Field 2
PCB1	CIRCUIT BOARD	MAIN BOARD	ELEC.UNIT.0002.0001	
PCB2	CIRCUIT BOARD	GPS MODULE	COMP.MODL.0007.0001	
PCB3	CIRCUIT BOARD	MODEM + POWER	ELEC.UNIT.0001.0001	ELEC.UNIT.0001.0003
M1 – M8	MECHANICAL	FIBRE WASHER M3	COMP.MECH.0009.0030	
M9 – M16	MECHANICAL	CIRCULAR SPACER	COMP.MECH.0011.0003	
M17 – M20	MECHANICAL	CIRCULAR SPACER	COMP.MECH.0011.0006	
M21 – M24	FASTENER	NYLON M3 NUT	COMP.FAST.0008.0030	
M25 – M28	FASTENER	NUT M3	COMP.FAST.0004.0030	
M29 – M32	FASTENER	SCREW M3, 20 mm	COMP.FAST.0007.3020	
M33 – M34	FASTENER	SCREW T15, 13 mm	COMP.FAST.0002.0613	
M35 – M36	FASTENER	SCREW, T10, 50 mm	COMP.FAST.0003.0650	
CABL 1	CABLE	GPS TO POWER	COMP.CABL.0006.0001	
CABL 2	CABLE	GPS CABLE	CABL.ASSY.3000.0002	
CABL 3	CABLE	GSM CABLE	CABL.ASSY.3000.0003	
CABL 4	CABLE	INSTALLATION CABLE	CABL.ASSY.3005.0001	
M37	COMPONENT	EXTRUSION BLUE 135 mm	COMP.MECH.0002.0201	
M38	COMPONENT	ANTI TAMPER BLUE 30 mm	COMP.MECH.0002.0203	
M39	COMPONENT	CONNECTOR END PLATE	COMP.MECH.3000.0001	
M40	COMPONENT	ENCLOSRE BLANKING EN D COVER	COMP.MECH.3002.0001	COMP.MECH.3003.0001
M41	COMPONENT	ANTI TAMPER END COVER	COMP.MECH.3001.0001	

Notes:

1. Part field 2 is to permit different build options. Refer to specified drawings for details.
2. Blank fields denote parts not fitted.
3. Part fields separated by horizontal lines may be selected independently of each other.