

Fitting an Option Board

The instructions detailed in this information sheet must only be carried out by suitably trained personnel and in accordance with the information given.

1 Introduction

The COMMANDER 300 Series of instruments can be upgraded by the addition of various option boards. This information sheet contains full instructions for the fitting of any option board.

2 Parts Lists

2.1 Relay/Logic Option

This upgrade kit (part no. C300/0701) provides two additional logic inputs and two additional relay outputs.

Description	Part No.	Qty
Relay and logic board	C300/0266	1
Programmed EPROM	C300/2201	1
Programmed EPROM (slave)	C300/2201S	1
Terminal block	B10825	1
Support pillar (short)	B10828	1
Support pillar (long)	B10827	1
Terminal block label 'C'	C300/0127	1

2.2 Serial Option (2100 Series Software Only)

This upgrade kit (part no. C300/0271) enables interface with SCADA systems, PLCs or plant-wide data gathering networks using ANSI X3 protocol.

Description	Part No.	Qty
Relay, logic and serial board	C300/0265	1
Programmed EPROM	C300/2101	1
Programmed EPROM (slave)	C300/2101S	1
Terminal block	B10825	1
Support pillar (short)	B10828	1
Support pillar (long)	B10827	1
Terminal block label 'C'	C300/0127	1

2.3 MODBUS Option (2200 Series Software Only)

This upgrade kit (part no. C300/0700) enables interface with SCADA systems, PLCs or plant-wide data gathering networks using MODBUS RTU protocol.

Description	Part No.	Qty
Relay, logic and serial board	C300/0265	1
Programmed EPROM	C300/2201	1
Programmed EPROM (slave)	C300/2201S	1
C300 Modbus serial supplement	IM/C300-MOD	1
Terminal block	B10825	1
Support pillar (short)	B10828	1
Support pillar (long)	B10827	1
Terminal block label 'C'	C300/0127	1

3 Procedures

To fit the option board carry out all the following procedures:

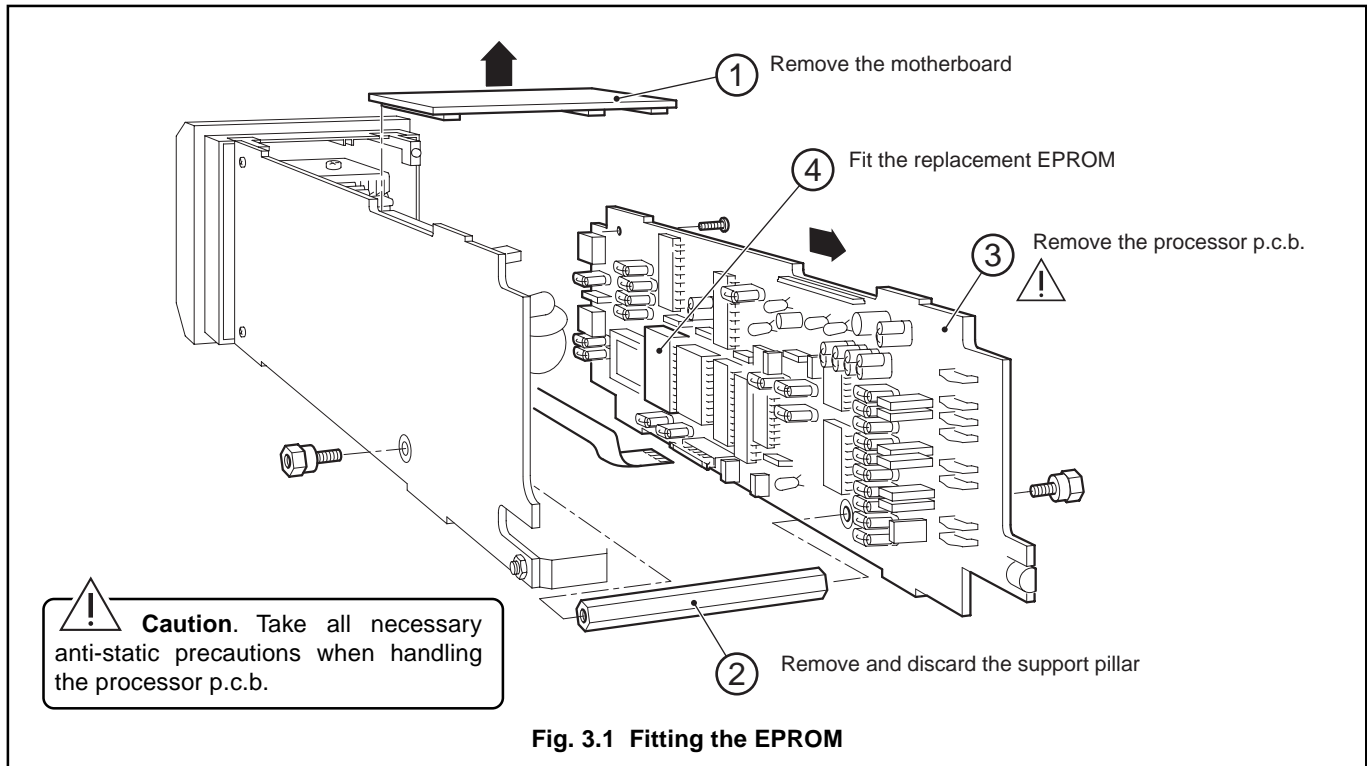
- Fit the replacement EPROM – see Section 3.1
- Fit the required option board – see Section 3.2
- Fit the terminal block – see Section 3.3



Information. A replacement EPROM is provided to ensure that the slave and master boards are of the same type and issue number.

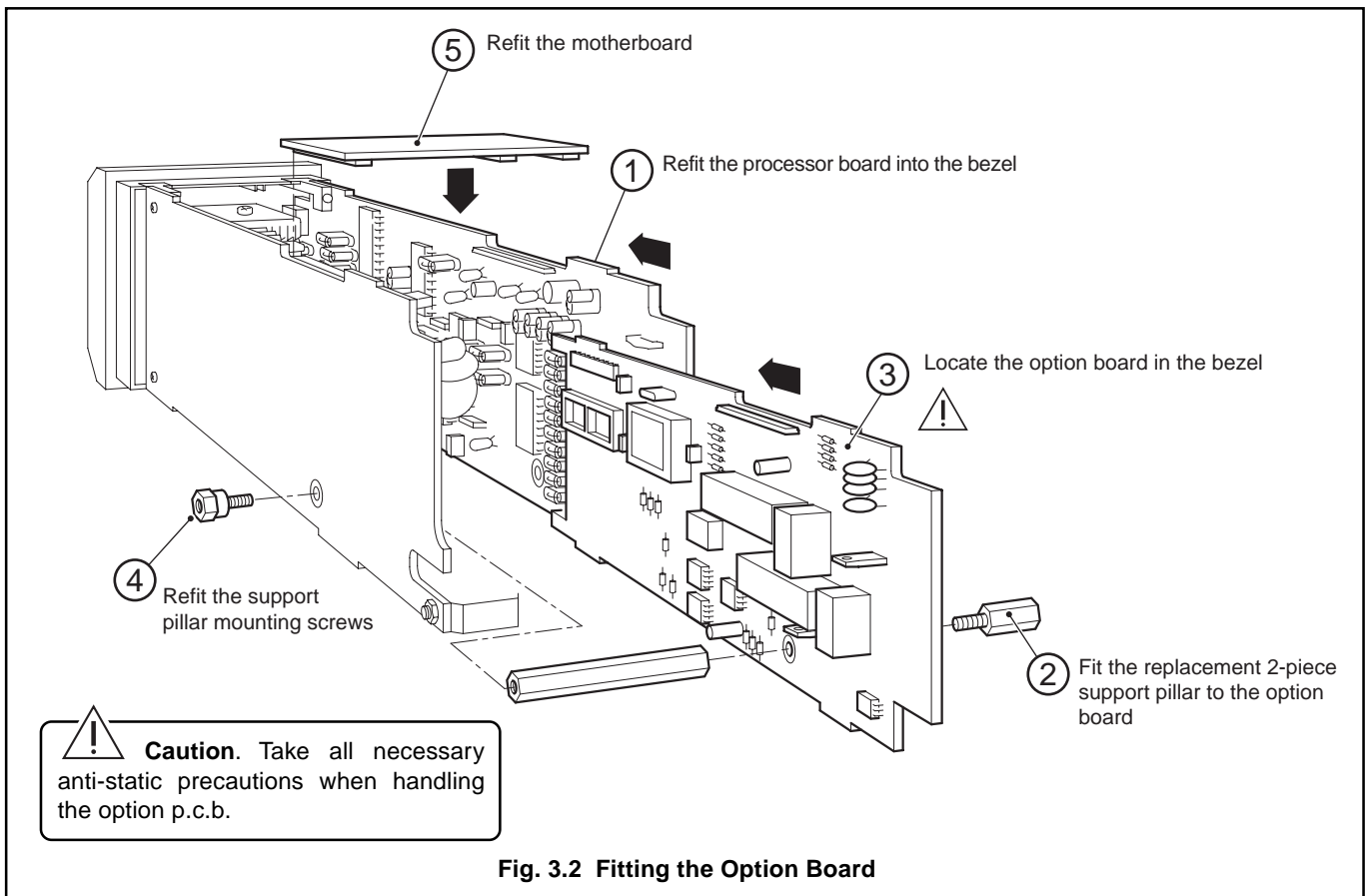
3.1 Fitting the EPROM – Fig. 3.1

Fit the EPROM as shown in Fig. 3.1



3.2 Fitting the Option Board – Fig. 3.2

Fit the Option board as shown in Fig. 3.2



3.3 Fitting the Terminal Block – Fig. 3.3

Fit the Terminal block as shown in Fig. 3.3

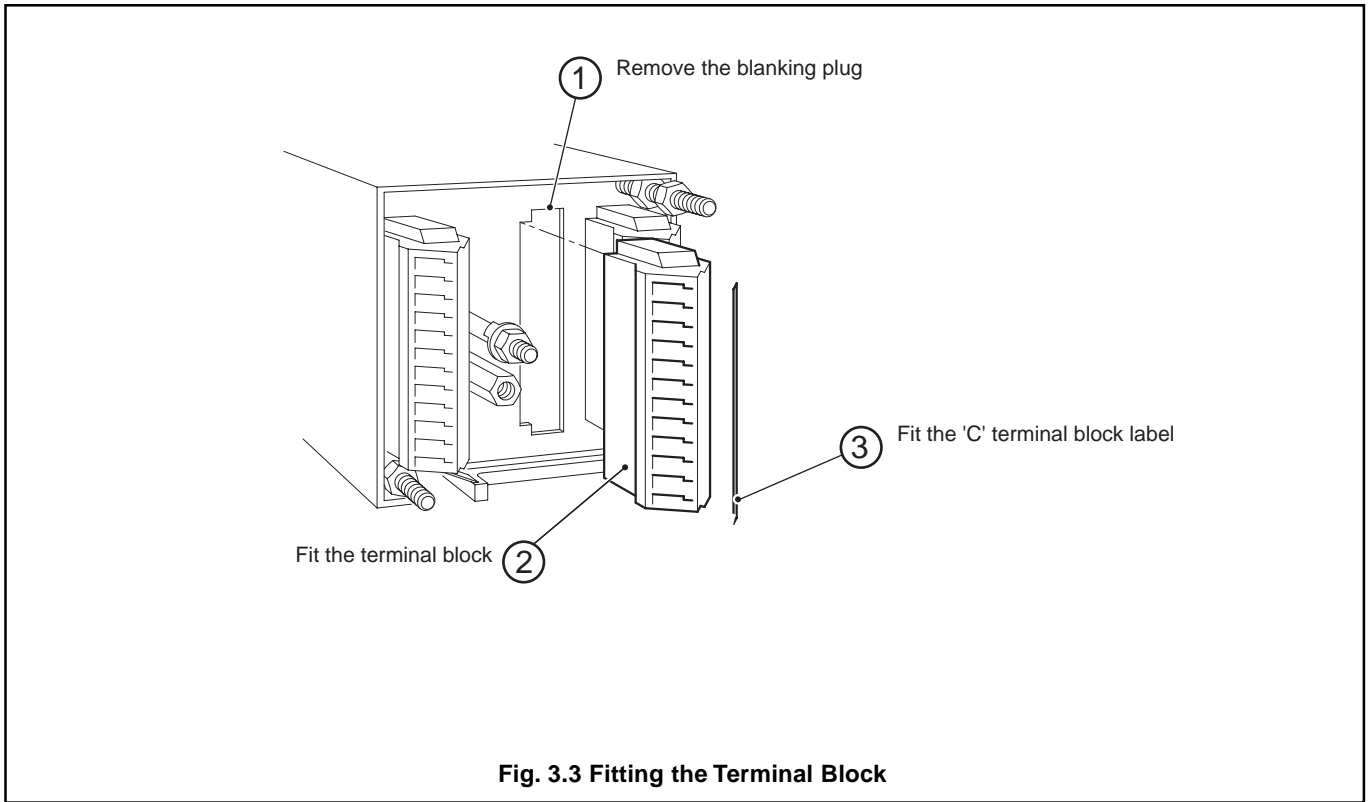




ABB Kent-Taylor Ltd.

St. Neots
Cambs.
England, PE19 3EU
Tel: +44 (0) 1480 475321
Fax: +44 (0) 1480 217948

ABB Instrumentation Inc.

PO Box 20550, Rochester
New York 14602-0550
USA
Tel: +1 716 292 6050
Fax: +1 716 273 6207

ABB Kent-Taylor SpA

22016 Lenno
Como
Italy
Tel: +39 (0) 344 58111
Fax: +39 (0) 344 56278

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