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#### Health and safety

Every effort has been made to ensure the accuracy of the information given in our publications, but in accordance with our policy of continually improving our products we reserve the right to modify designs and specifications whenever necessary. All equipment is designed to conform to relevant British and International standards. Every care is taken to ensure that, as far as reasonably practical, it will perform without risk to health. It is essential that accepted codes of professional practice are followed in the assembly, installation and commissioning of the equipment. If in doubt with respect to any of these instructions, please consult Dorman before installing the device.

Dorman reserves the right to vary any component part to meet the required specifications without prior notice.



Certificate No. FM 14371

Dorman ref. No C64.63806 iss 1

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## **PADDINGTON CLS BRACKET AND 1040 HIGH BACK BOARD**

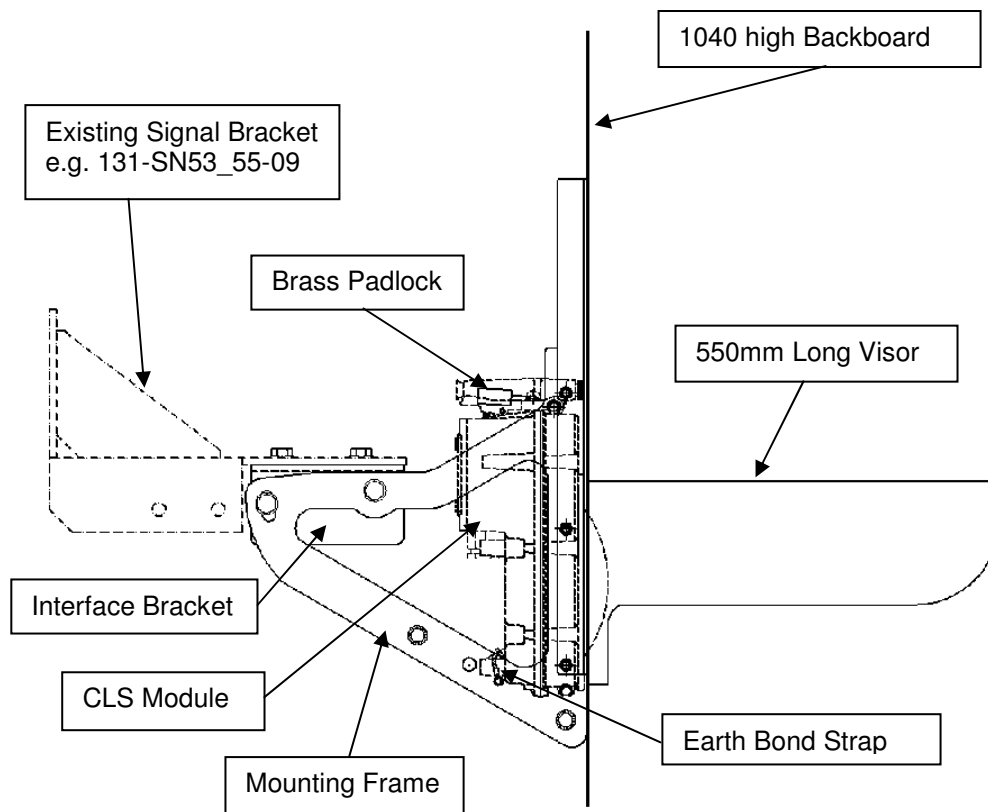
**Dorman Part No. D86.85177 PADS No. 086/009019**

### **Installation Instructions**

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To be read before commencing  
Operation





### General

The Mounting Frame, Interface Bracket, Backboard and Visor are packaged separately.

The CLS Module is not part of the assembly and must be purchased separately.

The Mounting Frame is secured to the existing Signal Bracket via the Interface Bracket.

Prior to any work commencing, local working procedures should be followed.

All fasteners are stainless steel.

### Installation

1. Attach the Interface Bracket to the Mounting Frame with 4-off M16x50 hex set screws, 8-off M16 plain washers and 4-off M16 spring washers.

2. Secure the Visor to the Backboard with 4-off M5x16 matt black counter sunk screws and 4-off M5 external shakeproof washers. (Torque 1.5 N.m)

3. Fit the Signal Module in the Mounting Frame (The signal may have to be pre-wired due to restricted access).

4. Fit a brass padlock RKB221 PADS No. 0086/029003 (not supplied) to lock the CLS Module to the shaft of the Mounting Frame.

5. Attach the supplied earth bonding cable from the rear of the signal to the side of the frame using 2-off M5x12 hex set screws and 4-off M5 internal shakeproof washers. (Torque 1.5 N.m).

6. Secure the Backboard and Visor assembly to the Mounting Frame with 6-off M8x16 hex set screws, 6-off M8 plain washers and 6-off M8 spring washers. (Torque 9 N.m)

7. Offer the complete assembly to the existing Signal Bracket and secure with 4-off M16x50 hex set screws, 8-off M16 plain washers and 4-off M16 spring washers.

8. Electrically bond the Mounting Frame to the structure. The frame bond point is adjacent to the Frame to Module bond point. A M10 hex set screw has been provided (pre-fitted to the frame). 16 N.m

Note : The previous build sequence can be varied to suit the on site conditions at each individual installation.

### Signal Adjustment

Vertical adjustment of the signal is achieved by slackening the M16 bolts securing the Mounting Frame to the Interface Bracket. Torque fasteners to 130 N.m after adjusting.

Horizontal adjustment of the signal is achieved by slackening the M16 bolts securing the Interface Bracket to the existing Signal Bracket. Torque fasteners to 130 N.m after adjusting.