

# London Overground Train graphics standard

Issue 2

# Contents



## Foreword

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## For further information

## Note

At the time of going to print, not all the required information was available.

Incomplete information is highlighted in red throughout this document.

## Foreword

[Contents](#)



This document details all interior and exterior graphics that are to be applied to London Overground (LO) trains. Where necessary, technical descriptions and intended locations are provided.

Approved artwork for each graphic shown is available from TfL Corporate Design. Telephone **020 7126 4462**. No other artwork should be used.

# I Basic elements

Contents



This section of the document gives guidance on the basic elements that are used to produce the graphic elements on an LO train. The information covered includes the use of the corporate typeface and colours.

Further information can be found in design standards available on the TfL website:  
[tfl.gov.uk/corporatedesign](https://tfl.gov.uk/corporatedesign)

## 1.1 Typography

Contents



The typeface used by LO is New Johnston. It is exclusive to TfL and should be applied for via the TfL website:

[tfl.gov.uk/corporatedesign](https://tfl.gov.uk/corporatedesign)

### Headings

These are set in New Johnston Medium.

### Body text

This should be set in New Johnston Book or New Johnston Light.

Book has been designed specifically for clarity and legibility at 12pt (or below).

At sizes above 12pt, New Johnston Light should be used for body text.

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890£/.,“()::;

New Johnston Medium

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890£/.,“()::;

New Johnston Light

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890£/.,“()::;

New Johnston Book

Ab

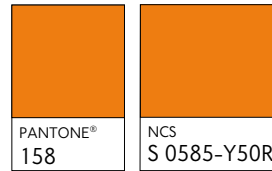
## 1.2 Colours



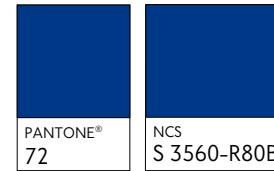
The colours shown here are those used on LO trains to produce graphic elements.

The Pantone Matching System is to be used for print purposes and the Natural Colour System (NCS) is to be used for paint applications.

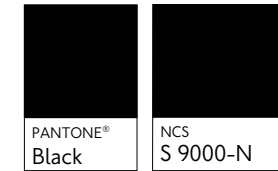
Overground Orange



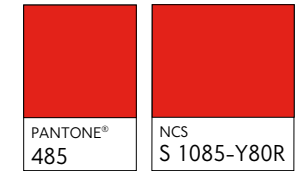
Corporate Blue



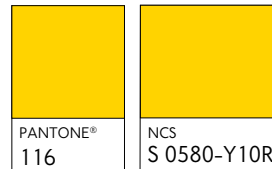
Corporate black



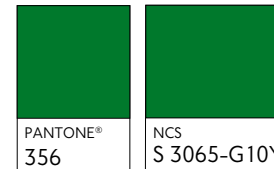
Safety Red



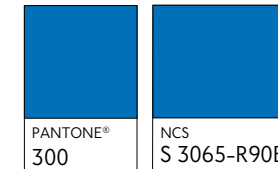
Safety Yellow



Safety Green



Safety Blue



## 2 Saloon interior decals

[Contents](#)



The following pages illustrate the graphic elements that are to be applied to the saloon interiors.

## 2.1 Alarm emergency use only/Fire alarm call point decal

Contents



**Artwork reference number**

SID/001

**Position on train reference**

A

**Size**

95 x 193

**Colour**

Safety Red (Pantone 485)





## 2.2 Buzzer code

Contents



**Artwork reference number**  
SID/002

**Position on train reference**  
B

**Size**  
120 x 160

**Colour**  
Safety Blue (Pantone 300)

Buzzer code	
1	Stop
1-2	Close doors
2	Ready to start
2-2	Do not open doors (driver/guard to confer)
3	Set back
3-1	Lock central door locking
3-2-1	Testing doors
3-3	Guard required/Driver or guard to attend telephone
3-3-1	Release central door locking
4	Slow down
5	Driver or guard leaving train in accordance with the rules
6	Draw forward
9	Police assistance required

## 2.3 Fire extinguisher/First aid kit

Contents



Artwork reference number

SID/003

Position on train reference

C

Size

210 x 98.5mm

Colours

Safety Red (Pantone 485)

Safety Green (Pantone 356)



## 2.4 Emergency access/No entry

Contents



**Artwork reference number**

SID/004

**Position on train reference**

D

**Size**

210 x 98.5mm

**Colours**

Safety Red (Pantone 485)

Safety Blue (Pantone 300)

Corporate Black (Black 100%)



## 2.5 No smoking

Contents



### Artwork reference number

SID/005

### Position on train reference

E

### Size

187.5 x 50mm

### Colours

Safety Red (Pantone 485)

Corporate Black (Black 100%)



## 2.6 Emergency alarm (right pointing)

Contents



**Artwork reference number**

SID/006

**Position on train reference**

F

**Size**

187.5 x 50mm

**Colours**

Safety Red (Pantone 485)



## 2.7 Emergency alarm (left pointing)

Contents



**Artwork reference number**  
SID/007

**Position on train reference**  
G

**Size**  
187.5 x 50mm

**Colours**  
Safety Red (Pantone 485)  
Corporate Black (Black 100%)



## 2.8 Emergency door release

Contents



**Artwork reference number**  
SID/008

**Position on train reference**  
H

**Size**  
74 x 158mm

**Colours**  
Safety Green (Pantone 356)  
Safety Red (Pantone 485)



## 2.9 Emergency first aid kit (right pointing)

Contents



Artwork reference number

SID/009

Colours

Safety Green (Pantone 356)

Safety Red (Pantone 485)

Position on train reference

J

Size

187.5 x 50mm





## 2.10 Emergency first aid kit (left pointing)

Contents



### Artwork reference number

SID/010

### Colours

Safety Green (Pantone 356)

Safety Red (Pantone 485)

### Position on train reference

K

### Size

187.5 x 50mm



## 2.11 Priority seat

Contents



**Artwork reference number**  
SID/011

**Position on train reference**  
L

**Size**  
151.5 x 50mm

**Colours**  
Safety Blue (Pantone 300)



## 2.12 CCTV cameras in operation

Contents



### Artwork reference number

SID/012

### Position on train reference

M

### Size

244 x 50mm

### Colours

Corporate Blue (Pantone 072)



## 2.13 Emergency alarm opposite

Contents



**Artwork reference number**  
SID/013

**Position on train reference**  
N

**Size**  
187.5 x 50mm

**Colours**  
Safety Red (Pantone 485)



## 2.14 Priority area

Contents



**Artwork reference number**

SID/014

**Position on train reference**

○

**Size**

120 x 190mm

**Colours**

Safety Blue (Pantone 300)



## 2.15 Priority area (directional)

Contents



**Artwork reference number**  
SID/015

**Position on train reference**  
P

**Size**  
120 x 190mm

**Colours**  
Safety Blue (Pantone 300)



## 2.16 Stand clear of closing doors/Penalty fare

Contents



### Artwork reference number

SID/016

### Position on train reference

Q

### Size

448 x 50mm

### Colours

Safety Yellow (Pantone 116)

Corporate Blue (Pantone 072)

Black 100%



**Stand clear of the  
closing doors**

**Penalty fare**

if you fail to show on demand a valid ticket  
or validated Oyster card for your entire journey

## 2.17 Emergency alarm (disability)

Contents



### Artwork reference number

SID/017

### Position on train reference

R

### Size

120 x 50mm

### Colours

Safety Red (Pantone 485)





## 2.18 Not for public use

Contents



**Artwork reference number**

SID/018

**Position on train reference**

S

**Size**

70 x 85mm

**Colours**

Safety Red (Pantone 485)



## 2.19 Vehicle numbers

[Contents](#)



**Artwork reference number**  
SID/019

00000

**Position on train reference**  
T

**Size**  
Cap height is 25mm

**Colours**  
Corporate Blue (Pantone 072)

## 2.20 Door identity B I

Contents



**Artwork reference number**

SID/020

**Position on train reference**

U

**Size**

60mm diameter

**Colours**

Corporate Blue (Pantone 072)



## 2.21 Door identity B2

Contents



**Artwork reference number**

SID/021

**Position on train reference**

V

**Size**

60mm diameter

**Colours**

Corporate Blue (Pantone 072)



## 2.22 Door identity CI

Contents



**Artwork reference number**

SID/022

**Position on train reference**

W

**Size**

60mm diameter

**Colours**

Corporate Blue (Pantone 072)



## 2.23 Door identity C2

Contents



**Artwork reference number**

SID/023

**Position on train reference**

X

**Size**

60mm diameter

**Colours**

Corporate Blue (Pantone 072)



## 2.24 Door identity F1

Contents



**Artwork reference number**

SID/024

**Position on train reference**

Y

**Size**

60mm diameter

**Colours**

Corporate Blue (Pantone 072)



## 2.25 Door identity F2

Contents



**Artwork reference number**

SID/025

**Position on train reference**

Z

**Size**

60mm diameter

**Colours**

Corporate Blue (Pantone 072)





## 2.26 Door identity GI

Contents



**Artwork reference number**

SID/026

**Position on train reference**

A1

**Size**

60mm diameter

**Colours**

Corporate Blue (Pantone 072)



## 2.27 Door identity G2

Contents



**Artwork reference number**

SID/027

**Position on train reference**

B1

**Size**

60mm diameter

**Colours**

Corporate Blue (Pantone 072)



## 2.28 London Overground network line diagram

Contents



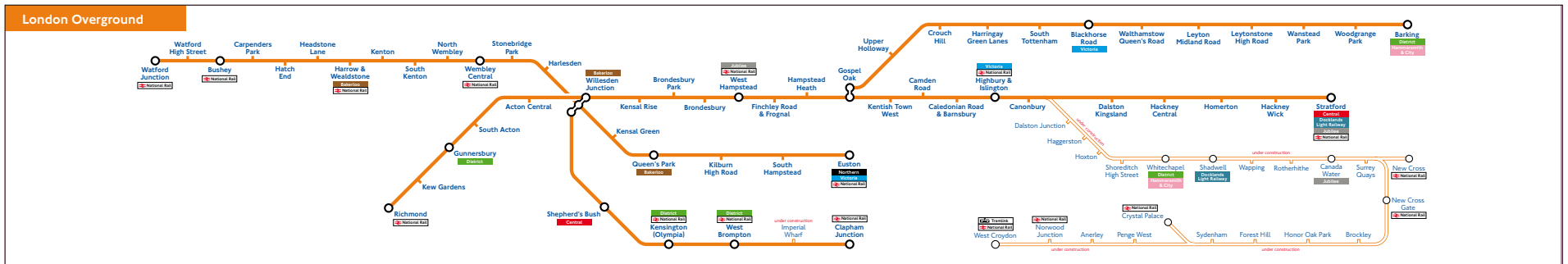
Artwork reference number  
SID/028

Colours  
CMYK process

Position on train reference  
CI

This vinyl has not been finalised - final details  
to be obtained from TfL prior to production

Size  
1780 x 300mm



## 2.29 Tube and Rail map

Contents

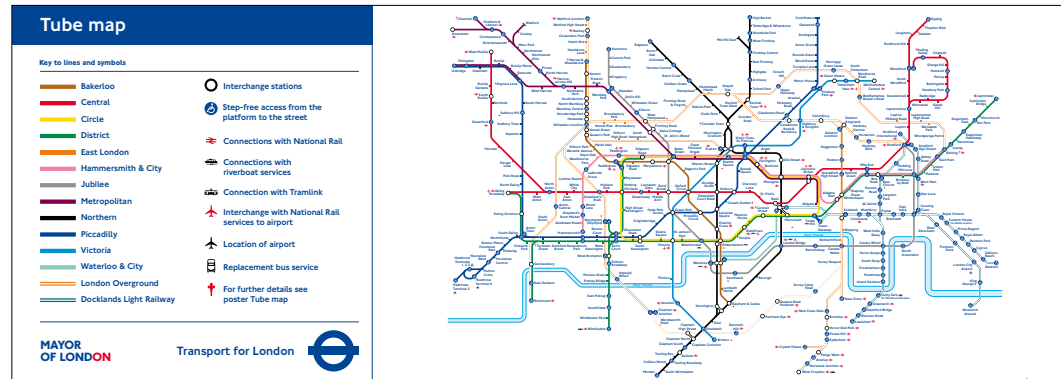


Artwork reference number  
SID/029

Position on train reference  
DI

Size  
840 x 300mm

Colours  
CMYK process



This vinyl has not been finalised - final details  
to be obtained from TfL prior to production

## 2.30 Oyster ad panel

Contents



**Artwork reference number**  
SID/030

**Position on train reference**  
E1

**Size**  
840 x 300mm

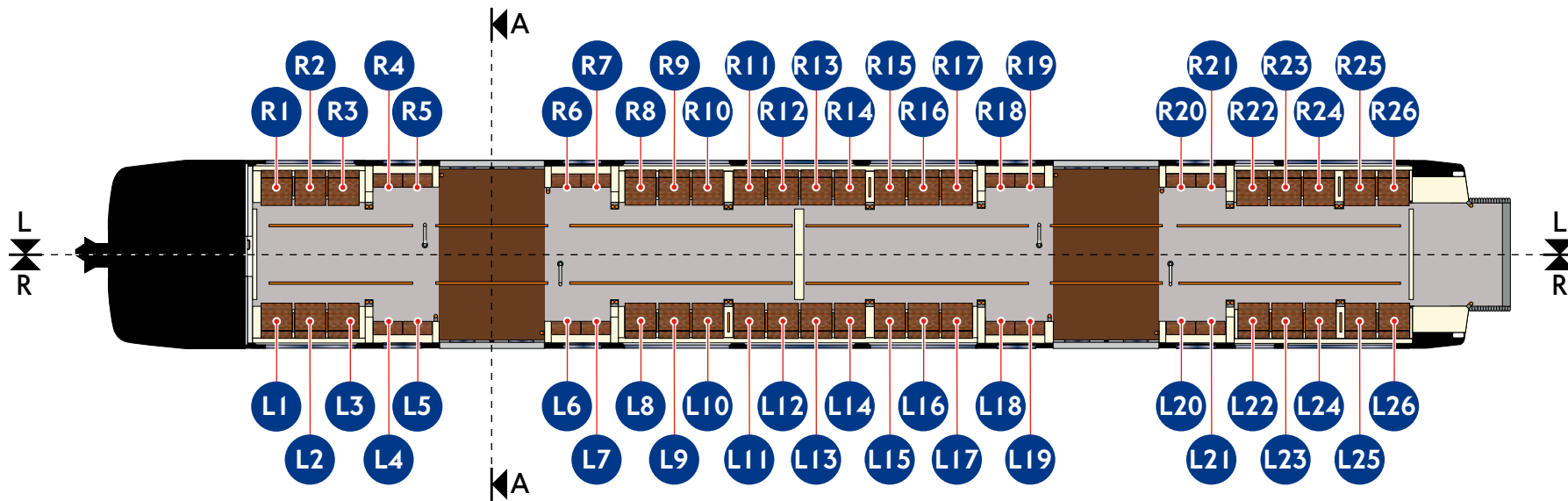
**Colours**  
CMYK process

This vinyl has not been finalised - final details to be obtained from TfL prior to production



## 2.31 DMOS car saloon interior seat plan

Contents

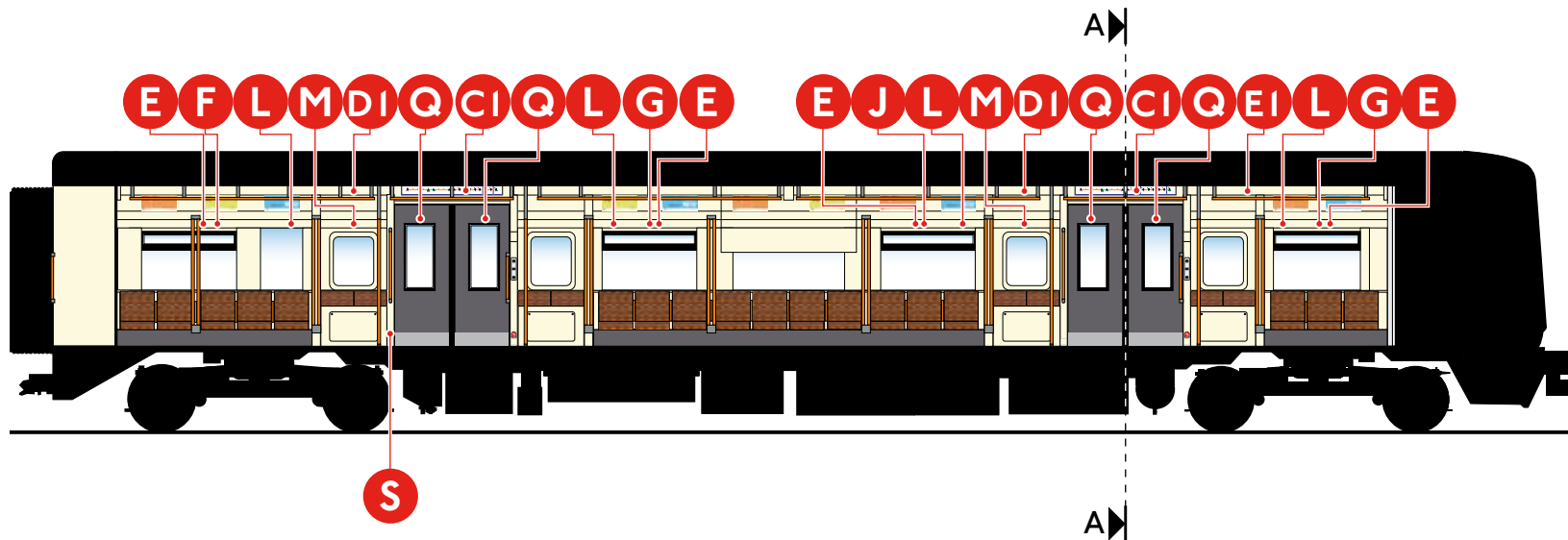


The above image illustrates the seat numbers used to identify sign positions on a DMOS car, whilst the following pages state where each saloon sign is to be positioned above a seat on a DMOS car.

There are three elevations shown (A-A, L-L and R-R).

## 2.32 DMOS car sign positions - elevation L-L

Contents



### E,F No smoking and Emergency alarm (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign F. Both signs horizontally centred over seat L24 with a 10mm gap between both signs.

### E,G No smoking and Emergency alarm (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign G. Both signs horizontally centred over seats L2 and L16 with a 10mm gap between both signs.

### E,J No smoking and Emergency alarm/ First aid kit (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign J. Both signs horizontally centred over seat L9 with a 10mm gap between both signs.

### L Priority seat

Vertically centred on 80mm deep decal panel. Horizontally centred over seats L3, L8, L17 and L22.

### S Not for public use

Vertically, base of sign 10mm above all power points. Horizontally centred over all power points.

### M CCTV

Vertically centred in line with decals on 80mm deep decal panel. Horizontally centred over seats L6 and L7 and seats L20 and L21.

### Q Stand clear of closing doors/penalty fare

Vertically 20mm above door windows. Horizontally centred above door windows.

continued on next page...

## 2.32.1 DMOS car sign positions - elevation L-L (continued)

Contents



### CI LO network line diagram

Vertically 15mm from top of train.  
Horizontally centred over all sets  
of doors.

### DI Tube map

Vertically 15mm from top of train.  
Horizontally centred over window above  
seats L6 and L7 and seats L20 and L21.

**Note that there is no gap between this  
vinyl and vinyl CI.**

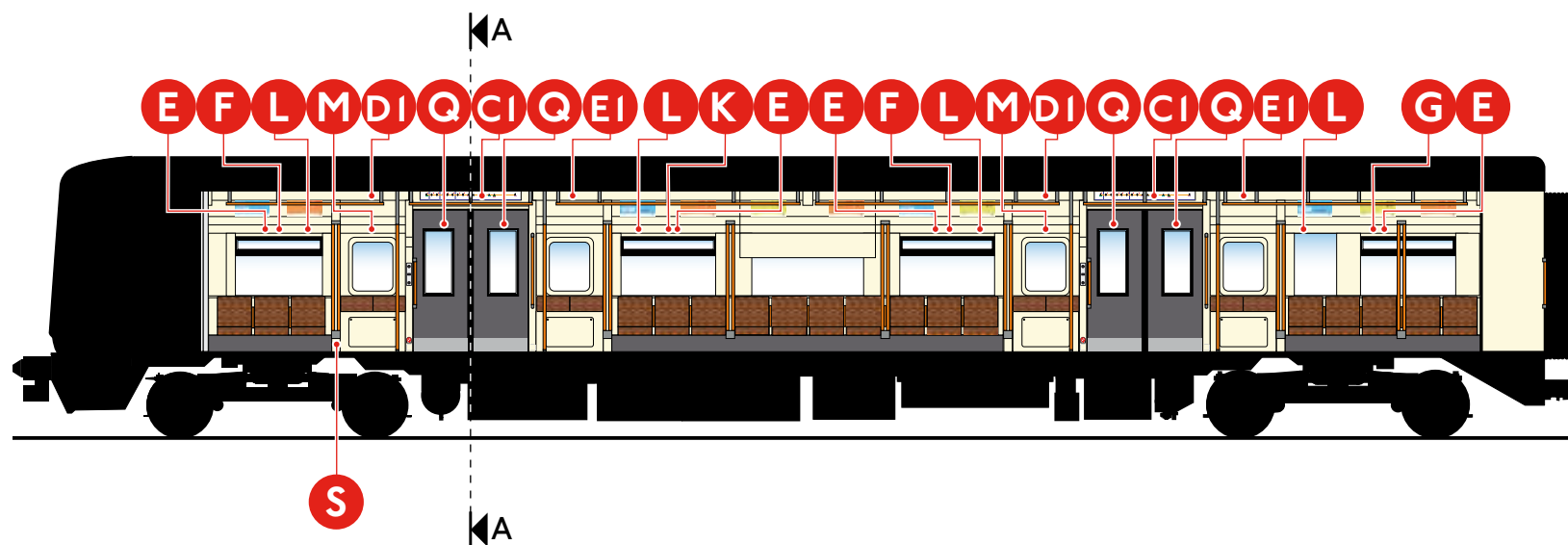
### EI Oyster ad panel

Vertically 15mm from top of train.  
Horizontally centred over window above  
seats L4 and L5 and seats L18 and L19.

**Note that there is no gap between this  
vinyl and vinyl CI.**



## 2.33 DMOS car sign positions - elevation R-R



### E,F No smoking and Emergency alarm (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign F. Both signs horizontally centred over seat R2 and R16 with a 10mm gap between both signs.

### E,G No smoking and Emergency alarm (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign G. Both signs horizontally centred over seats R24 with a 10mm gap between both signs.

### E,K No smoking and Emergency alarm/ First aid kit (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign K. Both signs horizontally centred over seat R9 with a 10mm gap between both signs.

### L Priority seat

Vertically centred on 80mm deep decal panel. Horizontally centred over seats R3, R8, R17 and R22.

### S Not for public use

Vertically, base of sign 10mm above all power points. Horizontally centred over all power points.

### M CCTV

Vertically centred in line with decals on 80mm deep decal panel. Horizontally centred over seats R4 and R5 and seats R18 and R19.

### Q Stand clear of closing doors/penalty fare

Vertically 20mm above door windows. Horizontally centred above door windows.

## 2.33.1 DMOS car sign positions - elevation R-R (continued)

Contents



### CI LO network line diagram

Vertically 15mm from top of train.  
Horizontally centred over all sets  
of doors.

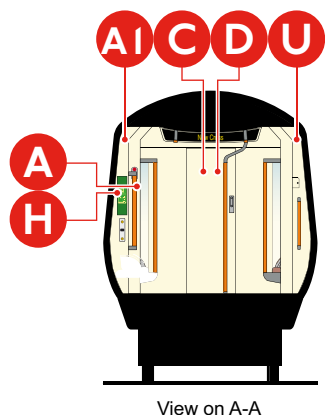
### DI Tube map

Vertically 15mm from top of train.  
Horizontally centred over window above  
seats R4 and R5 and seats R18 and R19.  
**Note that there is no gap between this  
vinyl and vinyl CI.**

### EI Oyster ad panel

Vertically 15mm from top of train.  
Horizontally centred over window above  
seats R6 and R7 and seats R20 and R21.  
**Note that there is no gap between this  
vinyl and vinyl CI.**

## 2.34 DMOS car sign positions - elevation A-A



**A Alarm emergency use only/Fire alarm call point**  
Vertically centred 15mm beneath alarm point. Horizontally centred beneath alarm point.

**C Fire extinguisher /First aid kit**  
Vertically, top of sign is in line with top of signs on 80mm deep decal panel. Horizontally centred on door release panel.

**D Emergency access /No entry**  
Vertically 10mm beneath sign C. Horizontally centred on door release panel.

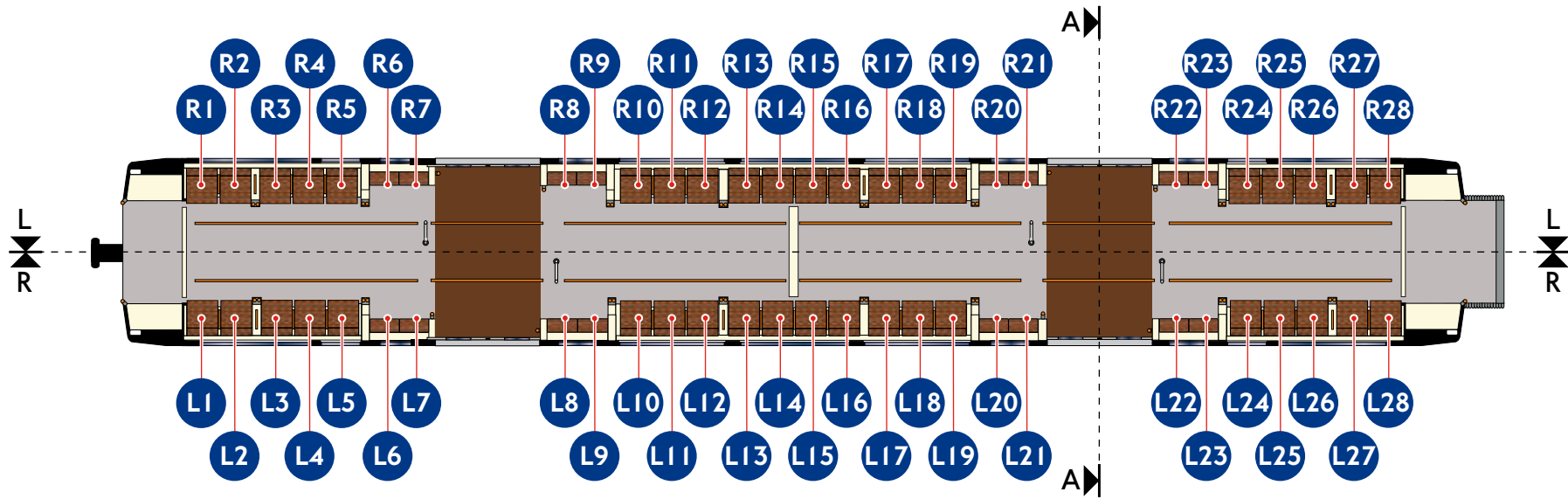
**H Emergency door release**  
Vertically centred on panel. Horizontally centred on panel.

**U Door identity**  
(Signs U - B1 are door identity signs. The appropriate sign is to be placed beside the appropriate door in each carriage).  
Vertically 110mm from top of door header panel. Horizontally centred on door portal pillar cover panel.

**AI Door identity**  
(Signs U - B1 are door identity signs. The appropriate sign is to be placed beside the appropriate door in each carriage).  
Vertically 140mm from top of train. Horizontally centred on panel.

## 2.35 MOS car saloon interior seat plan

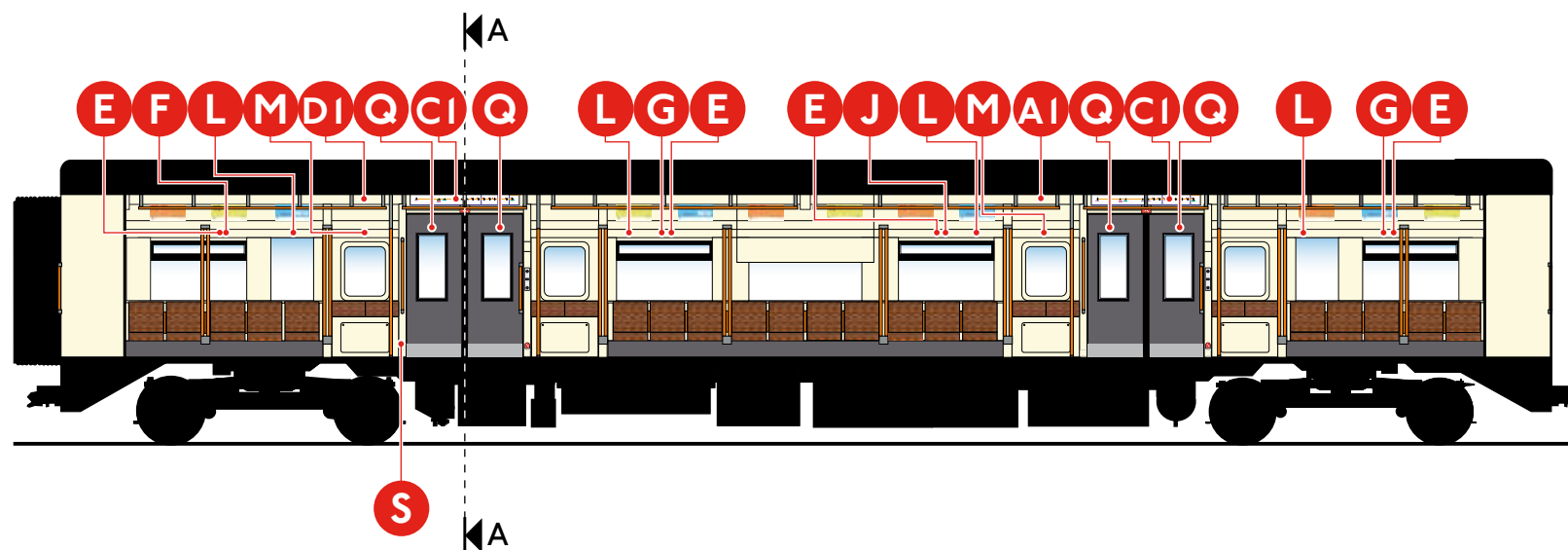
Contents



The above image illustrates the seat numbers used to identify sign positions on a MOS car, whilst the following pages state where each saloon sign is to be positioned above a seat on a MOS car.

There are three elevations shown (A-A, L-L and R-R).

## 2.36 MOS car sign positions - elevation L-L



### E,F No smoking and Emergency alarm (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign F. Both signs horizontally centred over seat L26 with a 10mm gap between both signs.

### E,G No smoking and Emergency alarm (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign G. Both signs horizontally centred over seats L3 and L18 with a 10mm gap between both signs.

### E,J No smoking and Emergency alarm/ First aid kit (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign J. Both signs horizontally centred over seat L11 with a 10mm gap between both signs.

### L Priority seat

Vertically centred on 80mm deep decal panel. Horizontally centred over seats L5, L10, L19 and L24.

### S Not for public use

Vertically, base of sign 10mm above all power points. Horizontally centred over all power points.

### M CCTV

Vertically centred in line with decals on 80mm deep decal panel. Horizontally centred over seats L8 and L9 and seats L22 and L23.

### Q Stand clear of closing doors/penalty fare

Vertically 20mm above door windows. Horizontally centred above door windows.

## 2.36.1 MOS car sign positions - elevation L-L (continued)

Contents



### CI LO network line diagram

Vertically 15mm from top of train.  
Horizontally centred over all sets  
of doors.

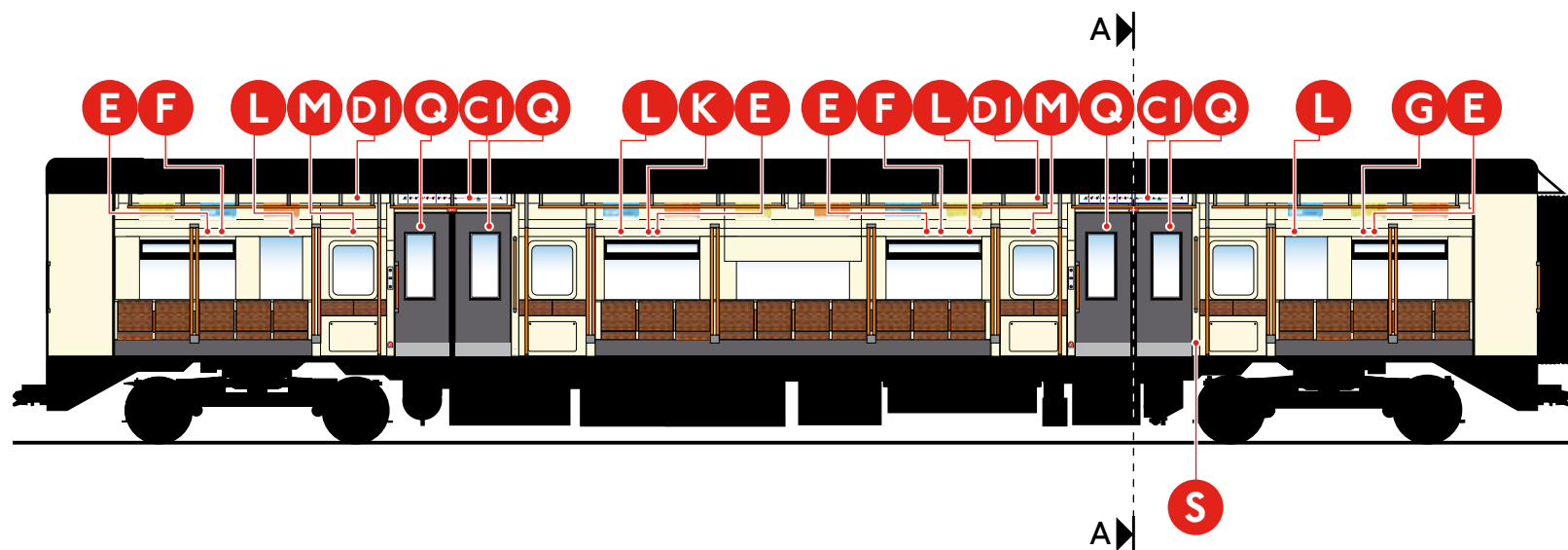
### DI Tube and Rail map

Vertically 15mm from top of train.  
Horizontally centred over window above  
seats L8 and L9 and seats L22 and L23.  
**Note that there is no gap between this  
vinyl and vinyl CI.**

### EI Oyster ad panel

Vertically 15mm from top of train.  
Horizontally centred over window above  
seats L6 and L7 and seats L20 and L21.  
**Note that there is no gap between this  
vinyl and vinyl CI.**

## 2.37 MOS car sign positions - elevation R-R



### E,F No smoking and Emergency alarm (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign F. Both signs horizontally centred over seats R3 and R18 with a 10mm gap between both signs.

### E,G No smoking and Emergency alarm (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign G. Both signs horizontally centred over seats R26 with a 10mm gap between both signs.

### E,K No smoking and Emergency alarm/ First aid kit (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign K. Both signs horizontally centred over seat R11 with a 10mm gap between both signs.

### L Priority seats

Vertically centred on 80mm deep decal panel. Horizontally centred over seats R5, R10, R19 and R24.

### S Not for public use

Vertically, base of sign 10mm above all power points. Horizontally centred over all power points.

### M CCTV

Vertically centred in line with decals on 80mm deep decal panel. Horizontally centred over seats R6 and R7 and seats R20 and R21.

### Q Stand clear of closing doors/penalty fare

Vertically 20mm above door windows. Horizontally centred above door windows.

## 2.37.1 MOS car sign positions - elevation R-R (continued)

Contents



### CI LO network line diagram

Vertically 15mm from top of train.  
Horizontally centred over all sets  
of doors.

### DI Tube and Rail map

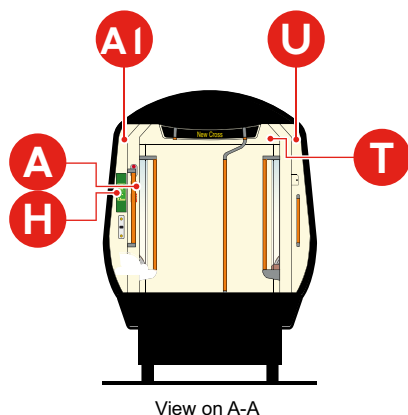
Vertically 15mm from top of train.  
Horizontally centred over window above  
seats R6 and R7 and seats R20 and R21.  
**Note that there is no gap between this  
vinyl and vinyl CI.**

### E1 Oyster ad panel

Vertically 15mm from top of train.  
Horizontally centred over window above  
seats R8 and R9 and seats R22 and R23.  
**Note that there is no gap between this  
vinyl and vinyl CI.**



## 2.38 MOS car sign positions - elevation A-A



**A Alarm emergency use only/Fire alarm call point**  
Vertically centred 15mm beneath alarm point. Horizontally centred beneath alarm point.

**H Emergency door release**  
Vertically centred on panel.  
Horizontally centred on panel.

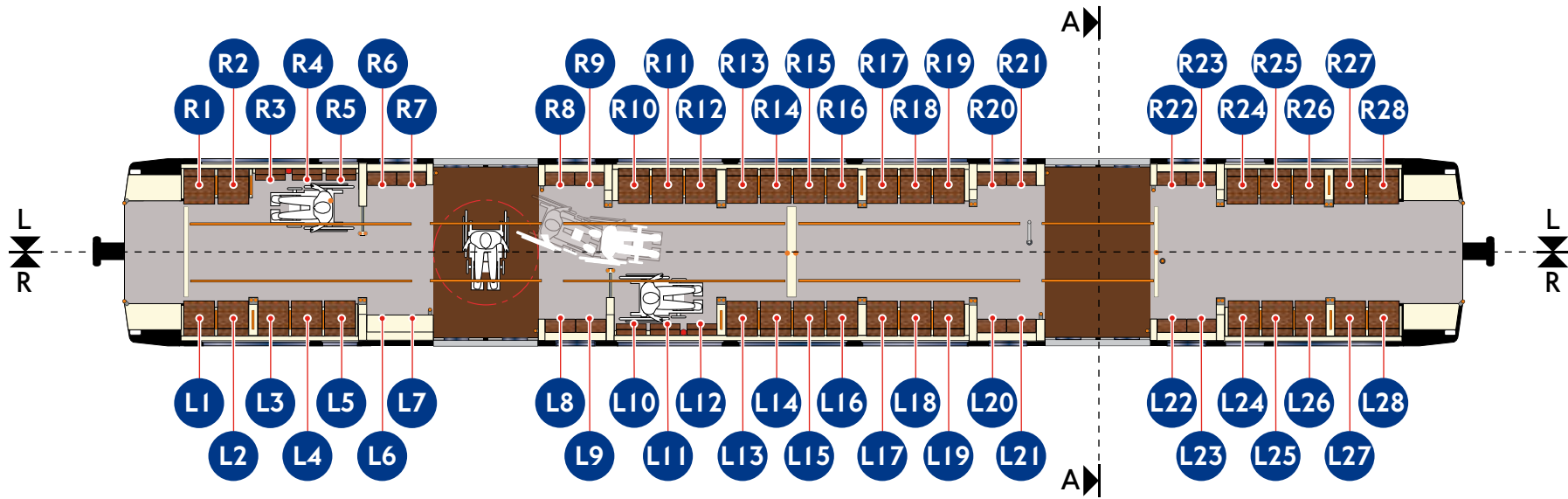
**T Vehicle number**  
Vertically, cap height 80mm from top of train. Horizontally, centred between customer information display and side of train.

**U Door identity**  
(Signs R -Y are door identity signs. The appropriate sign is to be placed beside the appropriate door in each carriage).  
Vertically 110mm from top of door header panel. Horizontally centred on door portal pillar cover panel.

**AI Door identity**  
(Signs R -Y are door identity signs. The appropriate sign is to be placed beside the appropriate door in each carriage).  
Vertically 140mm from top of train.  
Horizontally centred on panel.

## 2.39 PTOS car saloon interior seat plan

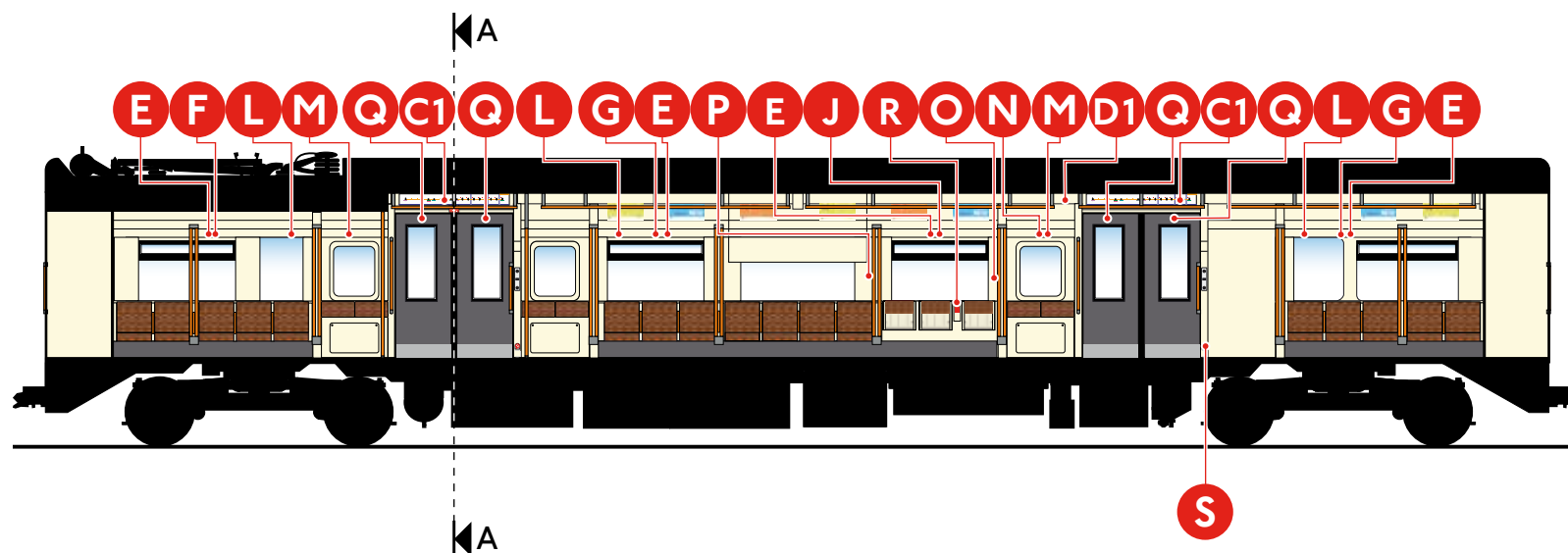
Contents



The above image illustrates the seat numbers used to identify sign positions on a PTOS car, whilst the following pages state where each saloon sign is to be positioned above a seat on a PTOS car.

There are three elevations shown (A-A, L-L and R-R).

## 2.40 PTOS car sign positions - elevation L-L



### E,F No smoking and Emergency alarm (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign F. Both signs horizontally centred over seat L26 with a 10mm gap between both signs.

### E,G No smoking and Emergency alarm (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign G. Both signs horizontally centred over seats L3 and L18 with a 10mm gap between both signs.

### E,J No smoking and Emergency alarm/ First aid kit (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign J. Both signs horizontally centred over seat L11 with a 10mm gap between both signs.

### L Priority seats

Vertically centred on 80mm deep decal panel. Horizontally centred over seats L5, 19 and L24.

### R Emergency alarm (disability)

Vertically centred on panel above alarm situated between seats L10 and L11. Horizontally centred on panel above alarm situated between seats L10 and L11.

### S Not for public use

Vertically, base of sign 10mm above all power points. Horizontally centred over all power points.

### M CCTV

Vertically centred in line with decals on 80mm deep decal panel. Horizontally centred over seats L22 and L23.

## 2.40.1 PTOS car sign positions - elevation L-L (continued)



### M,N CCTV and Emergency alarm opposite

Both vertically centred in line with decals on 80mm deep decal panel. Sign M placed to the left of sign N. Both signs horizontally centred over seats L8 and L9 with a 10mm gap between both signs.

### O Priority area

Vertically, top of panel 150mm from top of decal panel. Horizontally centred on panel.

**Note that this sign is on perpendicular panel containing draft screen.**

### P Priority area (directional)

Vertically, top of panel 150mm from top of decal panel. Horizontally centred on dead light panel.

### Q Stand clear of closing doors/penalty fare

Vertically 20mm above door windows. Horizontally centred above door windows.

### CI LO network line diagram

Vertically 15mm from top of train. Horizontally centred over all sets of doors.

### DI Tube and Rail map

Vertically 15mm from top of train. Horizontally centred over window above seats L8 and L9 and seats L22 and L23.

### EI Oyster ad panel

Vertically 15mm from top of train. Horizontally centred over window above seats L6 and L7 (if ramp unit allows) and seats L20 and L21.

**Note that there is no gap between this vinyl and vinyl CI.**

## 2.41 PTOS car sign positions - elevation R-R



### E,F No smoking and Emergency alarm (right)

Both vertically centred on 80mm deep decal panel. Sign E placed to the left of sign F. Both signs horizontally centred over seat R3 and R18 with a 10mm gap between both signs.

### E,G No smoking and Emergency alarm (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign G. Both signs horizontally centred over seats R26 with a 10mm gap between both signs.

### E,K No smoking and Emergency alarm/ First aid kit (left)

Both vertically centred on 80mm deep decal panel. Sign E placed to the right of sign K. Both signs horizontally centred over seat R11 with a 10mm gap between both signs.

### L Priority seats

Vertically centred on 80mm deep decal panel. Horizontally centred over seats R10, R19 and R24.

### R Emergency alarm (disability)

Vertically centred on panel above alarm situated between seats R3 and R4. Horizontally centred on panel above alarm situated between seats R3 and R4.

### S Not for public use

Vertically, base of sign 10mm above all power points. Horizontally centred over all power points.

### M CCTV

Vertically centred in line with decals on 80mm deep decal panel. Horizontally centred over seats R6 and R7 and seats R20 and R21.

continued on next page...

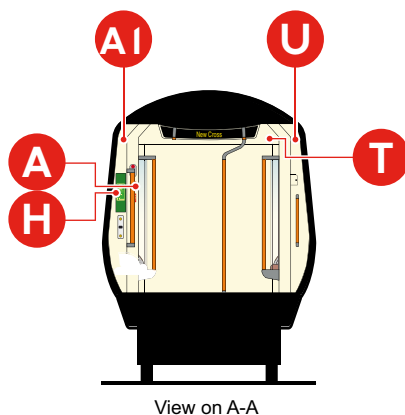
## 2.41.1 PTOS car sign positions - elevation R-R (continued)

Contents



- O Priority area**  
Vertically, top of panel 150mm from top of decal panel. Horizontally centred on dead light panel.
- Q Stand clear of closing doors/penalty fare**  
Vertically 20mm above door windows.  
Horizontally centred above door windows.
- CI LO network line diagram**  
Vertically 15mm from top of train.  
Horizontally centred over all sets of doors.
- DI Tube and Rail map**  
Vertically 15mm from top of train.  
Horizontally centred over window above seats R6 and R7 and seats R20 and R21.  
**Note that there is no gap between this vinyl and vinyl CI.**
- EI Oyster ad panel**  
Vertically 15mm from top of train.  
Horizontally centred over window above seats R8 and R9 and seats R22 and R23.  
**Note that there is no gap between this vinyl and vinyl CI.**

## 2.42 PTOS car sign positions - elevation A-A



- A Alarm emergency use only/Fire alarm call point**  
Vertically centred 15mm beneath alarm point. Horizontally centred beneath alarm point.
- H Emergency door release**  
Vertically centred on panel. Horizontally centred on panel.
- T Vehicle number**  
Vertically, cap height 80mm from top of train. Horizontally, centred between customer information display and side of train.

- U Door identity**  
(Signs R -Y are door identity signs. The appropriate sign is to be placed beside the appropriate door in each carriage)  
Vertically 110mm from top of door header panel. Horizontally centred on door portal pillar cover panel.
- AI Door identity**  
(Signs R -Y are door identity signs. The appropriate sign is to be placed beside the appropriate door in each carriage)  
Vertically 140mm from top of train. Horizontally centred on panel.

### 3 Cab interior decals

[Contents](#)



The following pages illustrate the graphic elements that are to be applied to the driver's cab interior.



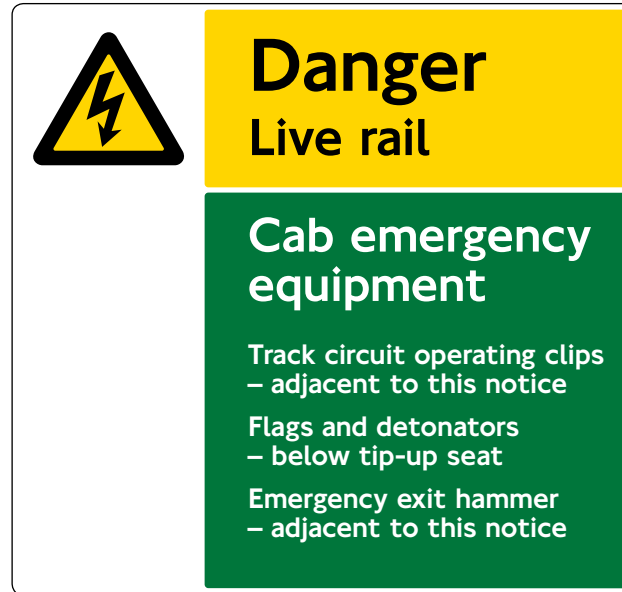
### 3.1 Danger live rail/Cab emergency equipment

**Artwork reference number**  
CAB/01

**Position on train reference**  
BA

**Size**  
165 x 156mm

**Colours**  
Safety Yellow (Pantone 116)  
Corporate Black (Black 100%)  
Safety Green (Pantone 356)



## 3.2 Fire extinguisher

Contents



**Artwork reference number**

CAB/02

**Position on train reference**

BB

**Size**

80 x 120mm

**Colours**

Safety Red (Pantone 485)



### 3.3 High visibility clothing/ Protection of line use track clips

Contents



**Artwork reference number**

CAB/03

**Position on train reference**

BC

**Size**

328.5 x 50mm

**Colours**

Safety Blue (Pantone 300)



## 3.4 Buzzer code

Contents



**Artwork reference number**  
CAB/04

**Position on train reference**  
BD

**Size**  
120 x 160mm

**Colours**  
Safety Blue (Pantone 300)

Buzzer code	
1	Stop
1-2	Close doors
2	Ready to start
2-2	Do not open doors (driver/guard to confer)
3	Set back
3-1	Lock central door locking
3-2-1	Testing doors
3-3	Guard required/Driver or guard to attend telephone
3-3-1	Release central door locking
4	Slow down
5	Driver or guard leaving train in accordance with the rules
6	Draw forward
9	Police assistance required

## 3.5 Cleanliness

Contents



**Artwork reference number**

CAB/05

**Position on train reference**

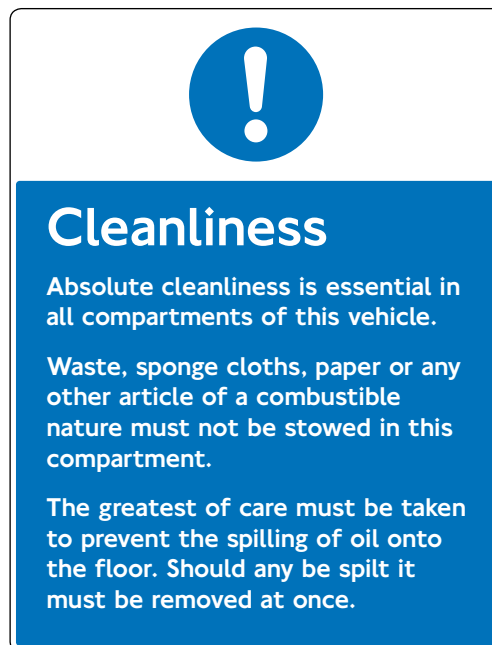
BE

**Size**

130 x 170

**Colours**

Safety Blue (Pantone 300)



## 3.6 Keep clear heater grilles

Contents



**Artwork reference number**

CAB/06

**Position on train reference**

BF

**Size**

165 x 50

**Colour**

Safety Blue (Pantone 300)



## 3.7 Emergency parking brake

Contents



**Artwork reference number**

CAB/07

**Position on train reference**

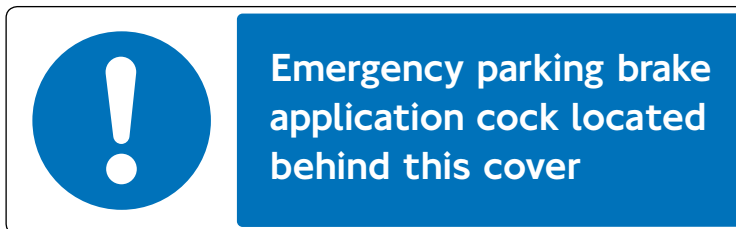
BG

**Size**

165 x 50

**Colour**

Safety Blue (Pantone 300)



## 3.8 Cab vehicle numbers

[Contents](#)



### Artwork reference number

CAB/08

### Position on train reference

BH

### Size

Cap height is 25mm

### Colour

Corporate Blue (Pantone 072)

00000



## 3.9 Cab unit numbers

[Contents](#)



**Artwork reference number**  
CAB/09

000 000

**Position on train reference**  
BJ

**Size**  
Cap height is 25mm

**Colour**  
Corporate Blue (Pantone 072)

## 3.10 Max speed

[Contents](#)



**Artwork reference number**  
CAB/10

**Position on train reference**  
BK

**Size**  
Cap height is 25mm

**Colour**  
Corporate Blue (Pantone 072)

# Max speed 75mph

### 3.11 Danger live rail

Contents



**Artwork reference number**  
CAB/11

**Position on train reference**  
BL

**Size**  
187.5 x 50mm

**Colour**  
Safety Yellow (Pantone 116)  
Corporate Black (Black 100%)



## 3.12 Emergency exit

Contents



**Artwork reference number**

CAB/12

**Position on train reference**

BM

**Size**

187.5 x 98.5mm

**Colour**

Safety Green (Pantone 356)



### 3.13 Electric shock and resuscitation label

[Contents](#)



**Artwork reference number**  
CAB/13

Artwork sample not yet supplied  
by Bombardier

**Position on train reference**  
BN

**Size**  
318 x 424mm

**Colours**  
CMYK process

### 3.14 Exit cab with care

Contents



**Artwork reference number**  
CAB/14

**Position on train reference**  
BO

**Size**  
74 x 107mm

**Colour**  
Safety Yellow (Pantone 116)  
Corporate Black (Black 100%)



### 3.15 SWISC for brake module (Screen Wash System Isolating Cock)

[Contents](#)



**Artwork reference number**  
CAB/15

**SWISC**

**Position on train reference**  
BP

**Size**  
21 x 6.5mm

**Colour**  
Corporate Blue (Pantone 072)

### 3.16 DSIC for brake module (Door System Isolating Cock)

[Contents](#)



**Artwork reference number**  
CAB/16

**DSIC**

**Position on train reference**  
BQ

**Size**  
21 x 6.5mm

**Colour**  
Corporate Blue (Pantone 072)



### 3.17 HSIC for brake module (Horn System Isolating Cock)

[Contents](#)



**Artwork reference number**  
CAB/17

**HSIC**

**Position on train reference**  
BR

**Size**  
21 x 6.5mm

**Colour**  
Corporate Blue (Pantone 072)

### 3.18 Cab interior sign positions



**BA** Danger live rail/Cab emergency equipment

Positioned on back wall - on cab emergency equipment door

**BC** High visibility clothing/Protection of line use track clips

Positioned above both track side doors

**BD** Buzzer code

Positioned above driver's left hand side small window

**BK** Max speed

Positioned above driver's left hand side control panel

**BL** Emergency exit

Positioned on back wall - close to left hand side door 10mm above sign BM

**BM** Danger live rail

Positioned on back wall - close to left hand side door 10mm below sign BL

**BN** Electric shock and resuscitation label

Positioned on back wall - on cab emergency equipment door

**BO** Exit cab with care

Positioned on lever on both sides of the train

### 3.19 Cab interior sign positions continued

Contents



**BA** Danger live rail/Cab emergency equipment  
Positioned on back wall - on cab emergency equipment door

**BB** Fire extinguisher  
Positioned on door covering fire extinguisher

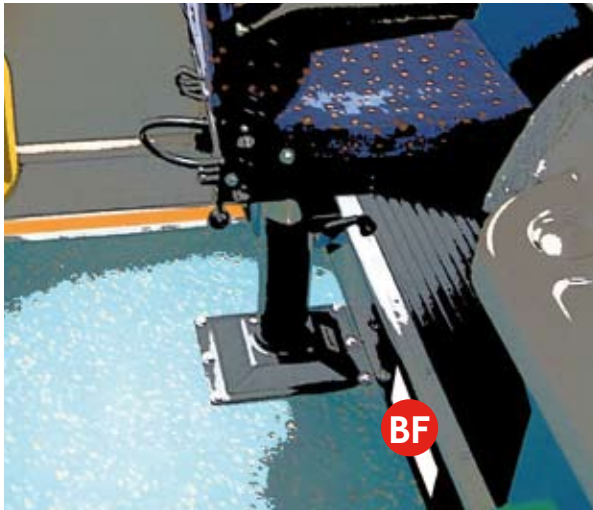
**BC** High visibility clothing/Protection of line use track clips  
Positioned above both track side doors

**BE** Cleanliness  
Positioned below switches

**BO** Exit cab with care  
Positioned on both side doors - towards front of cab

## 3.20 Cab interior sign positions continued

Contents



**BF Keep clear heater grilles**  
Positioned beside heater grilles at floor level

The following signs have not yet been given positions - awaiting details from Bombardier;

**BG Emergency parking brake**  
**BH Cab vehicle number**  
**BJ Cab unit number**  
**BP SWISC for brake module**  
**BQ DSIC for brake module**  
**BR HSIC for brake module**

Still awaiting details from Bombardier for the following sign:

**BN Electric shock and resuscitation**

## 4 Train exterior decals

[Contents](#)



The following pages illustrate the graphic elements that are to be applied to the train exterior.

## 4.1 Danger overhead live wires

Contents



**Artwork reference number**  
EXT/01

**Position on train reference**  
CA

**Size**  
60 x 100mm

**Colour**  
Safety Yellow (Pantone 116)  
Corporate Black (Black 100%)



## 4.2 London Overground roundel

Contents



**Artwork reference number**  
EXT/02

**Position on train reference**  
CB

**Size**  
Width is still to be determined -  
possibly 360mm

**Colour**  
LO Orange (Pantone 158)  
Corporate Blue (Pantone 072)



## 4.3 Stand clear of the closing door

Contents



**Artwork reference number**

EXT/03

**Position on train reference**

CC

**Size**

70 x 151mm

**Colour**

Safety Yellow (Pantone 116)

Corporate Black (Black 100%)





## 4.4 Vehicle number

[Contents](#)



**Artwork reference number**  
EXT/04

00000

**Position on train reference**  
CD

**Size**  
Cap height is 100mm

**Colour**  
Corporate Blue (Pantone 072)

## 4.5 Jacking symbol

Contents

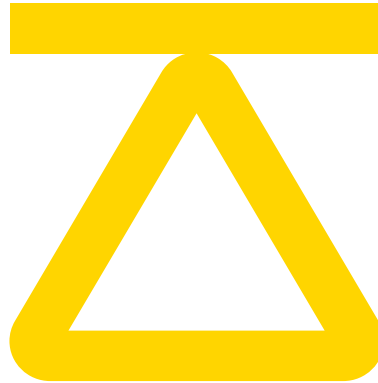


**Artwork reference number**  
EXT/05

**Position on train reference**  
CE

**Size**  
Height is 50mm

**Colour**  
Safety Yellow (Pantone 116)



## 4.6 Number 1 wheel

Contents



**Artwork reference number**  
EXT/06

**Position on train reference**  
CF

**Size**  
Height is 30mm

**Colour**  
Safety Yellow (Pantone 116)



## 4.7 Unit number

Contents



### Artwork reference number

EXT/07

### Position on train reference

CG

### Size

Cap height is 100mm

### Colour

Corporate Blue (Pantone 072)

000 000

## 4.8 Unit data panel/Vehicle data panel DMOS

Contents



### Artwork reference number

EXT/08

### Position on train reference

CH

### Size

190 x 413.5mm

### Colour

Corporate Blue (Pantone 072)

Class 000	
Unit data:	
Weight	172.19 tonnes
Length	83.17 m
Width	2.80 m
Seats	321 s
xxx/x DMOS	
Vehicle data:	
Weight	45.02 tonnes
Length	21.60 m
Width	2.80 m
Seats	77 s

## 4.9 Unit data panel/Vehicle data panel MOS

Contents



**Artwork reference number**  
EXT/09

**Position on train reference**  
CJ

**Size**  
190 x 413.5mm

**Colour**  
Corporate Blue (Pantone 072)

<b>Class 000</b>	
<b>Unit data:</b>	
<b>Weight</b>	<b>172.19 tonnes</b>
<b>Length</b>	<b>83.17 m</b>
<b>Width</b>	<b>2.80 m</b>
<b>Seats</b>	<b>321 s</b>
<b>xxx/x MOS</b>	
<b>Vehicle data:</b>	
<b>Weight</b>	<b>45.02 tonnes</b>
<b>Length</b>	<b>21.60 m</b>
<b>Width</b>	<b>2.80 m</b>
<b>Seats</b>	<b>77 s</b>

## 4.10 Unit data panel/Vehicle data panel PTOS(W)

Contents



### Artwork reference number

EXT/10

### Position on train reference

CK

### Size

190 x 413.5mm

### Colour

Corporate Blue (Pantone 072)

Class 000	
Unit data:	
Weight	172.19 tonnes
Length	83.17 m
Width	2.80 m
Seats	321 s
xxx/x PTOS	
Vehicle data:	
Weight	45.02 tonnes
Length	21.60 m
Width	2.80 m
Seats	77 s

## 4.11 Wheelchair symbol

Contents



**Artwork reference number**

EXT/11

**Position on train reference**

CL

**Size**

120 x 150mm

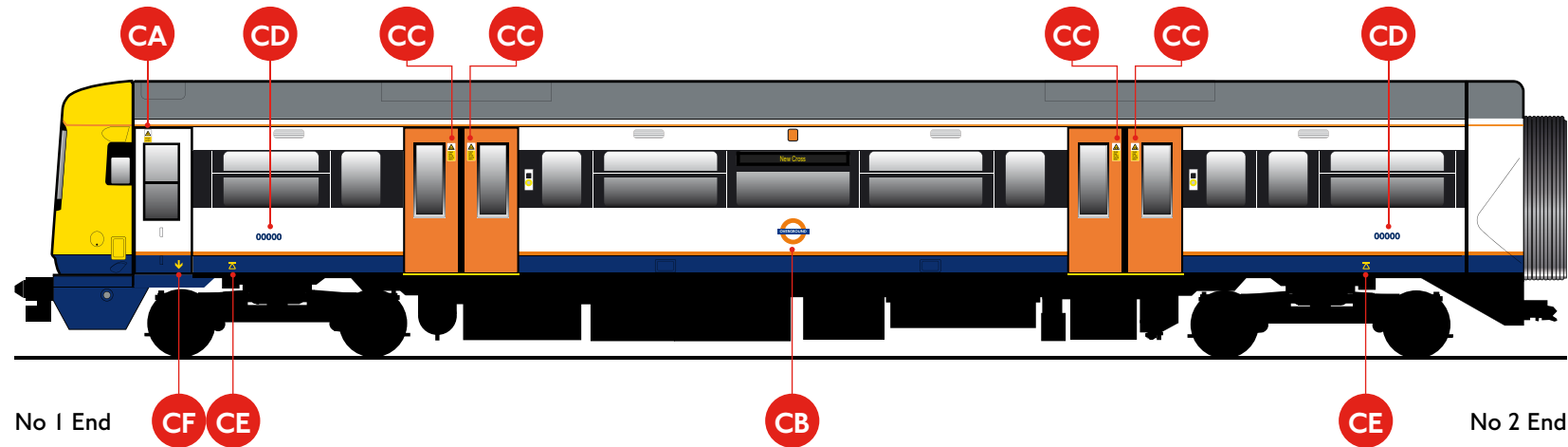
**Colour**

Safety Blue (Pantone 300)





## 4.12 DMOS car sign positions - exterior side elevation



**CA Danger overhead live wires**  
Vertically centred between top of door and top of door window. Horizontally aligned with front edge of window.

**CB LO roundel**  
Vertically centred on white panel beneath window. Horizontally centred between two sets of doors.

**CC Stand clear of the closing doors**  
Vertically aligned with top of door window. Horizontally centred between window and door edge.

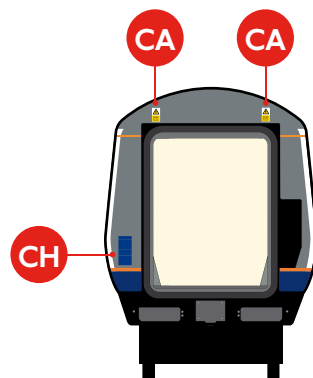
**CD Vehicle number**  
Vertically, baseline of text 100mm above orange strip. Horizontally centred over first and last windows.

**CE Jacking symbol**  
Vertically centred on blue panel. Horizontally centred over jacking points.

**CF Number 1 wheel**  
Vertically centred on blue panel. Horizontally centred over number 1 wheel.

## 4.13 DMOS car sign positions - exterior No 1 End and No 2 End elevations

Contents



### CG Unit number

Vertically, cap height of digits to be 50mm beneath window.  
Horizontally centred on panel.

### CA Danger overhead live wires

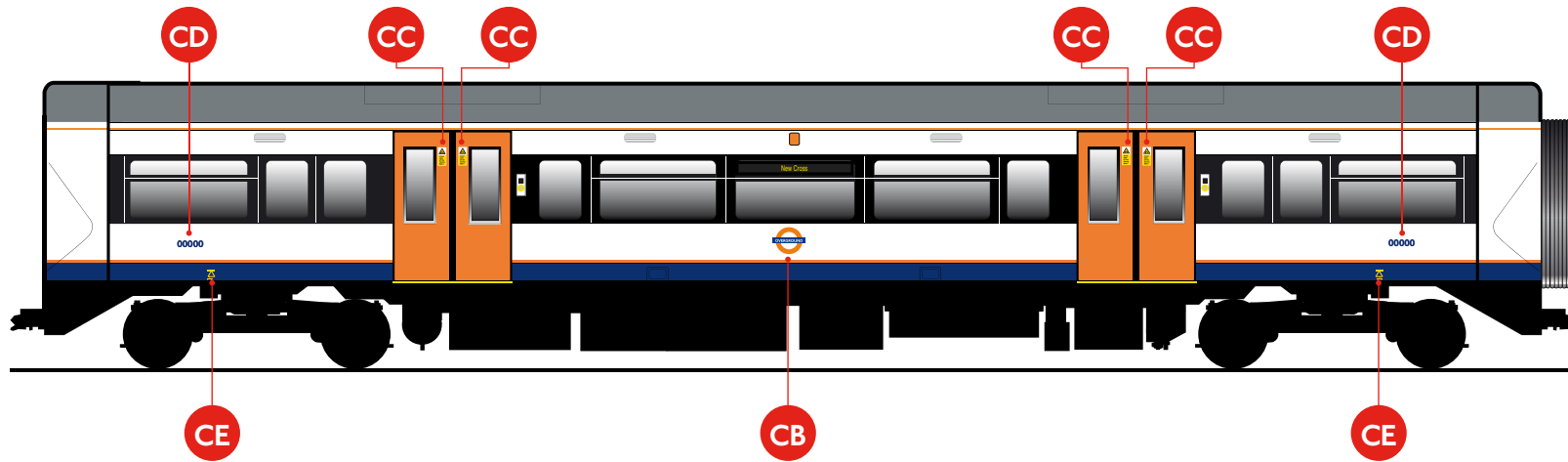
Vertically, 30mm above entry point top edge. Horizontally, 70mm in from entry point left and right edges.

### CH Unit data panel/Vehicle data panel DMOS

Vertically, 50mm above orange strip.  
Horizontally centred on panel.

## 4.14 MOS car sign positions - exterior side elevation

Contents



### CB LO roundel

Vertically centred on white panel beneath window. Horizontally centred between two sets of doors.

### CE Jacking symbol

Vertically centred on blue panel. Horizontally centred over jacking points.

### CC Stand clear of the closing doors

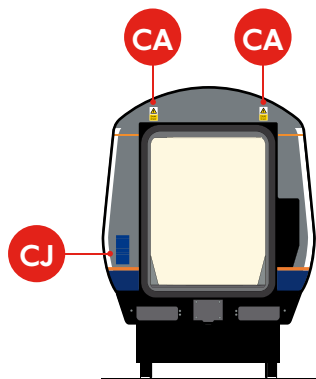
Vertically aligned with top of door window. Horizontally centred between window and door edge.

### CD Vehicle number

Vertically, baseline of text 100mm above orange strip. Horizontally centred over first and last windows.

## 4.15 MOS car sign positions - exterior End elevations

Contents



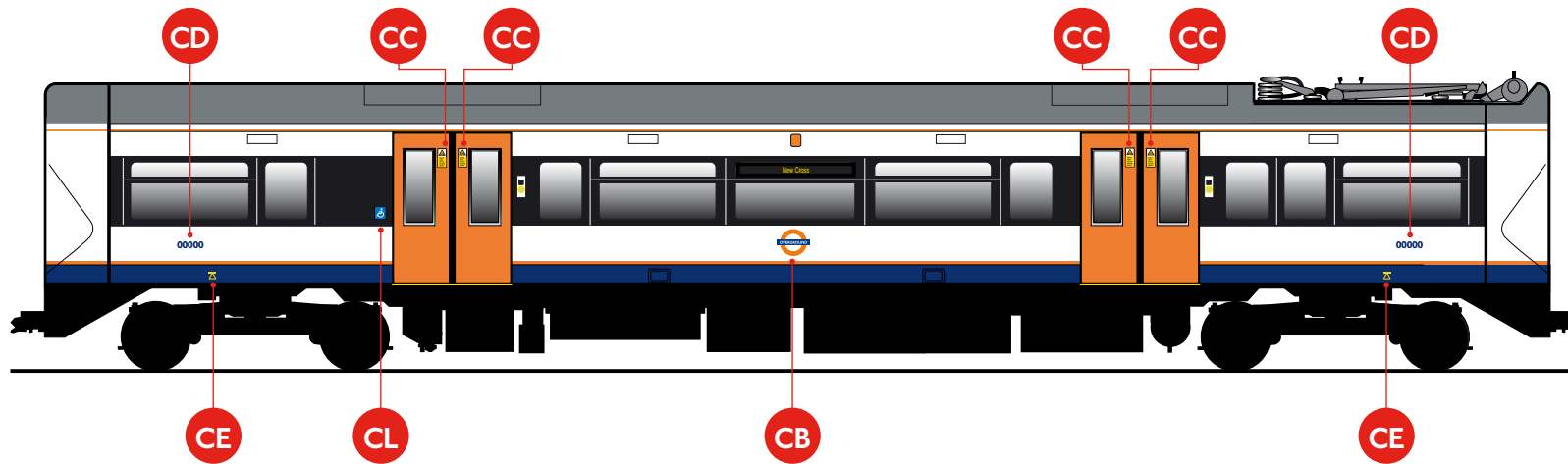
### CA Danger overhead live wires

Vertically, 30mm above entry point top edge. Horizontally, 70mm in from entry point left and right edges.

### CJ Unit data panel/Vehicle data panel MOS

Vertically, 50mm above orange strip.  
Horizontally centred on panel.

## 4.16 PTOS car sign positions - exterior side elevation



### CB LO roundel

Vertically centred on white panel beneath window. Horizontally centred between two sets of doors.

### CC Stand clear of the closing doors

Vertically aligned with top of door window. Horizontally centred between window and door edge.

### CD Vehicle number

Vertically, baseline of text 100mm above orange strip. Horizontally centred over first and last windows.

### CE Jacking symbol

Vertically centred on blue panel. Horizontally centred over jacking points.

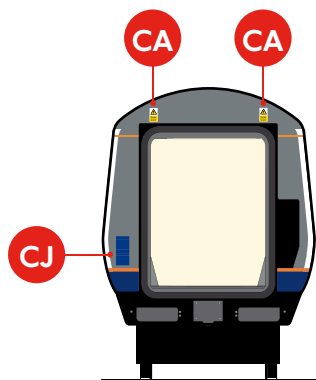
### CL Wheelchair access

(Note that this sign appears to the left of the wheelchair access doors in all instances)

Vertically 50mm from bottom of black window strip. Horizontally 50mm from edge of wheelchair access door.

## 4.17 PTOS car sign positions - exterior End elevations

Contents



### CA Danger overhead live wires

Vertically, 30mm above entry point top edge. Horizontally, 70mm in from entry point left and right edges.

### CJ Unit data panel/Vehicle data panel PTOS

Vertically, 50mm above orange strip.  
Horizontally centred on panel.

## 4.18 Saloon exterior livery colours

Contents



**A Drivers cab front**  
Colour: Livery Yellow  
(NCS S 1080-Y10R)

**B Roof and ends**  
Colour: Livery Mid Grey  
(NCS S 4502-G)

**C Warning stripe**  
Colour: Cant Rail Orange  
(BS381C Ref 557)  
Depth: ???mm

**D Window glazing**  
Colour: Livery Black  
(NCS S 0585-Y50R)  
Depth: ???mm

**E Body**  
Colour: Livery Light Grey  
(NCS S 1502-Y)

**F Train underside**  
Colour: Livery Dark Grey  
(NCS S 7010-R90B)

**G LO Orange stripe**  
Colour: LO Orange  
(NCS S 0585-Y50R)  
Depth: 80mm

**H Doors**  
Colour: LO Orange  
(NCS S 0585-Y50R)

**J Lower body**  
Colour: Corporate Blue  
(NCS S 3560-R80B)  
Depth: 335mm

## For further information

Contents



These standards intend to outline basic principles and therefore cannot cover every application or eventuality.

In case of difficulty or doubt as to the correctness in the application of these standards, please contact TfL Corporate Design.  
Telephone: **020 7126 4462**  
Internal extension: **64462**  
Email: **corporatedesign@tfl.gov.uk**

All TfL corporate design standards are available from the TfL internet site.  
**[tfl.gov.uk/corporatedesign](http://tfl.gov.uk/corporatedesign)**

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