London Overground

Train graphics standard

Issue 2
Contents

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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

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.
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
1.1 Typography

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

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.
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**
  - PANTONE® 158
  - NCS S 0585-Y50R

- **Corporate Blue**
  - PANTONE® 72
  - NCS S 3560-R80B

- **Corporate black**
  - PANTONE® Black
  - NCS S 9000-N

- **Safety Red**
  - PANTONE® 485
  - NCS S 1085-Y80R

- **Safety Yellow**
  - PANTONE® 116
  - NCS S 0580-Y10R

- **Safety Green**
  - PANTONE® 356
  - NCS S 3065-G10Y

- **Safety Blue**
  - PANTONE® 300
  - NCS S 3065-R90B
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

Artwork reference number
SID/001

Position on train reference
A

Size
95 x 193

Colour
Safety Red (Pantone 485)
2.2 Buzzer code

Artwork reference number
SID/002

Position on train reference
B

Size
120 x 160

Colour
Safety Blue (Pantone 300)
2.3 Fire extinguisher/First aid kit

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

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

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)

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)

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

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)**

<table>
<thead>
<tr>
<th>Artwork reference number</th>
<th>Colours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SID/009</td>
<td>Safety Green (Pantone 356)</td>
</tr>
<tr>
<td></td>
<td>Safety Red (Pantone 485)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Position on train reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>J</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>187.5 x 50mm</td>
</tr>
</tbody>
</table>
2.10  Emergency first aid kit (left pointing)

Artwork reference number
SID/010

Position on train reference
K

Size
187.5 x 50mm

Colours
Safety Green (Pantone 356)
Safety Red (Pantone 485)
2.11 Priority seat

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

Artwork reference number
SID/012

Position on train reference
M

Size
244 x 50mm

Colours
Corporate Blue (Pantone 072)
2.13 Emergency alarm opposite

Artwork reference number
SID/013

Position on train reference
N

Size
187.5 x 50mm

Colours
Safety Red (Pantone 485)
2.14 Priority area

Artwork reference number
SID/014

Position on train reference
O

Size
120 x 190mm

Colours
Safety Blue (Pantone 300)

Priority area
Please give up this space if required by wheelchair users
Users should position the rear of their wheelchair against the glass screen to the right
2.15 Priority area (directional)

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

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)

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

Artwork reference number
SID/018

Position on train reference
S

Size
70 x 85mm

Colours
Safety Red (Pantone 485)
2.19 Vehicle numbers

Artwork reference number
SID/019

Position on train reference
T

Size
Cap height is 25mm

Colours
Corporate Blue (Pantone 072)
2.20  Door identity B1

Artwork reference number
SID/020

Position on train reference
U

Size
60mm diameter

Colours
Corporate Blue (Pantone 072)
2.21 Door identity B2

Artwork reference number
SID/021

Position on train reference
V

Size
60mm diameter

Colours
Corporate Blue (Pantone 072)
2.22 Door identity C1

Artwork reference number
SID/022

Position on train reference
W

Size
60mm diameter

Colours
Corporate Blue (Pantone 072)
2.23 Door identity C2

Artwork reference number
SID/023

Position on train reference
X

Size
60mm diameter

Colours
Corporate Blue (Pantone 072)
2.24 Door identity F1

Artwork reference number
SID/024

Position on train reference
Y

Size
60mm diameter

Colours
Corporate Blue (Pantone 072)
2.25 Door identity F2

Artwork reference number
SID/025

Position on train reference
Z

Size
60mm diameter

Colours
Corporate Blue (Pantone 072)
Artwork reference number
SID/026

Position on train reference
A1

Size
60mm diameter

Colours
Corporate Blue (Pantone 072)
2.27 Door identity G2

Artwork reference number
SID/027

Position on train reference
B1

Size
60mm diameter

Colours
Corporate Blue (Pantone 072)
Artwork reference number
SID/028

Position on train reference
C1

Size
1780 x 300mm

Colours
CMYK process

This vinyl has not been finalised - final details to be obtained from TfL prior to production
2.29 Tube and Rail map

Artwork reference number
SID/029

Position on train reference
D1

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

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
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

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.

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)

C1  LO network line diagram
Vertically 15mm from top of train.
Horizontally centred over all sets of doors.

D1  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 C1.

E1  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 C1.
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.

continued on next page...
2.33.1 DMOS car sign positions - elevation R-R (continued)

C1 LO network line diagram
Vertically 15mm from top of train.
Horizontally centred over all sets of doors.

D1 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 C1.

E1 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 C1.
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 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.
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.

continued on next page...
2.36.1  MOS car sign positions - elevation L-L (continued)

C1  LO network line diagram
Vertically 15mm from top of train.
Horizontally centred over all sets of doors.

D1  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 C1.

E1  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 C1.
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.

continued on next page...
2.37.1  MOS car sign positions - elevation R-R (continued)

C1  LO network line diagram
   Vertically 15mm from top of train.
   Horizontally centred over all sets of doors.

D1  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 C1.

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 C1.
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.

A I  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.
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.

continued on next page...
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.

C1 LO network line diagram
Vertically 15mm from top of train. Horizontally centred over all sets of doors.

D1 Tube and Rail map
Vertically 15mm from top of train. Horizontally centred over window above seats L8 and L9 and seats L22 and L23.

E1 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 C1.
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 seat 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…
Priority area
Vertically, top of panel 150mm from top of decal panel. Horizontally centred on dead light panel.

Stand clear of closing doors/penalty fare
Vertically 20mm above door windows. Horizontally centred above door windows.

LO network line diagram
Vertically 15mm from top of train. Horizontally centred over all sets of doors.

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 C1.

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 C1.
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.
The following pages illustrate the graphic elements that are to be applied to the driver’s cab interior.
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)

Danger
Live rail

Cab emergency equipment
Track circuit operating clips
– adjacent to this notice
Flags and detonators
– below tip-up seat
Emergency exit hammer
– adjacent to this notice
3.2 Fire extinguisher

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

Artwork reference number
CAB/03

Position on train reference
BC

Size
328.5 x 50mm

Colours
Safety Blue (Pantone 300)
3.4 Buzzer code

Artwork reference number
CAB/04

Position on train reference
BD

Size
120 x 160mm

Colours
Safety Blue (Pantone 300)
3.5 Cleanliness

Artwork reference number
CAB/05

Position on train reference
BE

Size
130 x 170

Colours
Safety Blue (Pantone 300)

Cleanliness

Absolute cleanliness is essential in all compartments of this vehicle. Waste, sponge cloths, paper or any other article of a combustible nature must not be stowed in this compartment.

The greatest of care must be taken to prevent the spilling of oil onto the floor. Should any be spilt it must be removed at once.
3.6 Keep clear heater grilles

Artwork reference number
CAB/06

Position on train reference
BF

Size
165 x 50

Colour
Safety Blue (Pantone 300)

Keep clear
Heater grilles must not be obstructed
3.7 Emergency parking brake

Artwork reference number
CAB/07

Position on train reference
BG

Size
165 x 50

Colour
Safety Blue (Pantone 300)

Emergency parking brake application cock located behind this cover
3.8 Cab vehicle numbers

Artwork reference number
CAB/08

Position on train reference
BH

Size
Cap height is 25mm

Colour
Corporate Blue (Pantone 072)
3.9 Cab unit numbers

Artwork reference number
CAB/09

Position on train reference
BJ

Size
Cap height is 25mm

Colour
Corporate Blue (Pantone 072)
3.10 Max speed

Max speed 75mph

Artwork reference number
CAB/10

Position on train reference
BK

Size
Cap height is 25mm

Colour
Corporate Blue (Pantone 072)
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

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

Artwork reference number
CAB/13

Position on train reference
BN

Size
318 x 424mm

Colours
CMYK process

Artwork sample not yet supplied by Bombardier
3.14 Exit cab with care

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)

Artwork reference number
CAB/15

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)

Artwork reference number
CAB/16

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)

Artwork reference number
CAB/17

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

**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

**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
The following pages illustrate the graphic elements that are to be applied to the train exterior.
4.1 Danger overhead live wires

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

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

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

Artwork reference number
EXT/04

Position on train reference
CD

Size
Cap height is 100mm

Colour
Corporate Blue (Pantone 072)
4.5 Jacking symbol

Artwork reference number
EXT/05

Position on train reference
CE

Size
Height is 50mm

Colour
Safety Yellow (Pantone 116)
4.6 Number 1 wheel

Artwork reference number
EXT/06

Position on train reference
CF

Size
Height is 30mm

Colour
Safety Yellow (Pantone 116)
4.7 Unit number

Artwork reference number
EXT/07

Position on train reference
CG

Size
Cap height is 100mm

Colour
Corporate Blue (Pantone 072)
Artwork reference number
EXT/08

Position on train reference
CH

Size
190 x 413.5mm

Colour
Corporate Blue (Pantone 072)
4.9 Unit data panel/Vehicle data panel MOS

Artwork reference number
EXT/09

Position on train reference
CJ

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

Vehicle data:
- Weight: 45.02 tonnes
- Length: 21.60 m
- Width: 2.80 m
- Seats: 77 s
4.10  Unit data panel/Vehicle data panel PTOS(W)

Artwork reference number
EXT/10

Position on train reference
CK

Size
190 x 413.5mm

Colour
Corporate Blue (Pantone 072)

---

Class 000

<table>
<thead>
<tr>
<th>Unit data:</th>
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<tr>
<td>Weight</td>
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<td>Length</td>
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xxx/x PTOS

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<td>Width</td>
<td>2.80 m</td>
</tr>
<tr>
<td>Seats</td>
<td>77 s</td>
</tr>
</tbody>
</table>
4.11 Wheelchair symbol

Artwork reference number
EXT/11

Position on train reference
CL

Size
120 x 150mm

Colour
Safety Blue (Pantone 300)
**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

**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

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.
4.15  MOS car sign positions - exterior End elevations

**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.
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

**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

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
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.
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