

SERVICE INFORMATION BY PRODUCT FEATURE

Armrest

A range of armrest types and heights are available for DB1. Different armrest specifications have been introduced in response to feedback and requests from users, over the period since the initial DB1 product launch in 2006.

Armrests are an aluminium tubular frame construction, with frame fittings secured at each end. Armpad fixing hole centres are 203.2mm (8inches) which is the UK standard fitting size. Armrest frames have additional fixing holes offering a choice of front or rear mounted armpad positions.

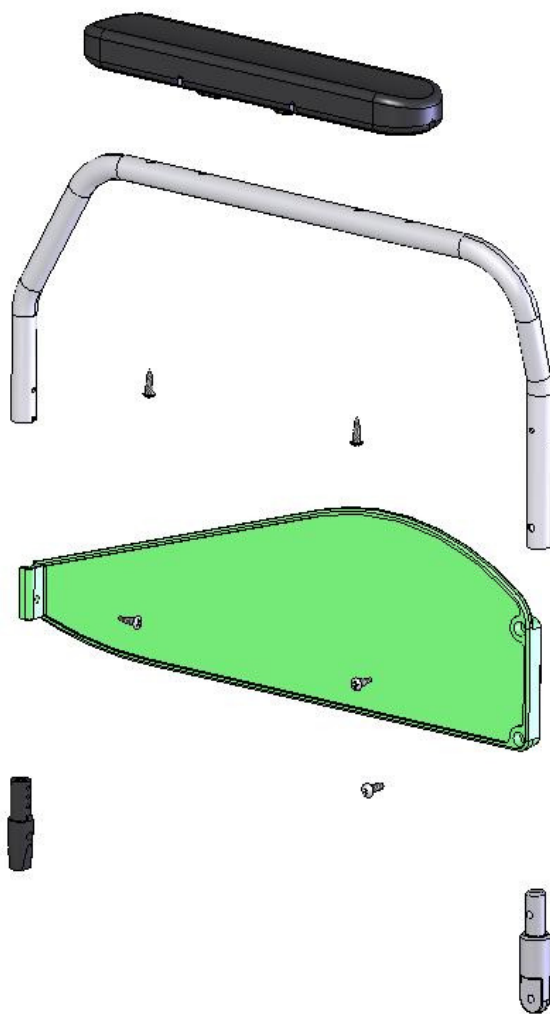
Sizes and types of armrest are available as follows.

Standard angled front in heights 220mm 250mm 280mm and 310mm.

Forward supportive in heights 250mm and 280mm.

Desk arms in heights of 250mm, and two lengths, short and long.

Height setting fixings providing an additional height range of 60mm are available for all sizes. These are used when the armrest height may need fine retrospective setting, or to achieve a specific user need.



Armrests are built according to occupant requirement, with fittings for builds to suit 125Kg up to 200Kg occupant weight.

Side panels are injection moulded polycarbonate in smokey black finish for basic builds, or aluminium laser cut aluminium for heavy occupant and narrow access builds to resist deflection into the wheel. Panels can be fitted higher if required to reduce the upper gap with the armrest tube.

The armrest rear pivot mountings are bolted into the upper area of rear frame moulding using M6 bolts and nyloc nuts. These fixings are tightly secured to allow the armrest to pivot, without excessive side movement.

Basic slimline armpads are available for occupant propelling builds.

Wider supportive armpads, with a shallow trough surface, are available for attendant propelled builds.

Soft foam tube armrest frame covers are a build option with cushioned body contact.

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Armrest (continued)

Armpads are fixed in two positions with M6 countersunk head screws. A choice of holes allows forwards or rearwards armpad mounting.

The forward support armrest frame, shown right is shaped to allow an occupant to reach behind and grab an extended profile for support during standing transfers.



The forward support arm illustration also shows the different mounting fittings that are available to allow the build to be tailored to occupant needs. The front fixing shown assembled is the solid aluminium CNC machined type used on forwards supportive and heavy occupant builds.



Desk arms were introduced in 2013. Two lengths of these are available, long and short to suit the smaller size frame builds.

The illustrations show desk arms fitted with a basic injection moulded panel and a laser cut rigid aluminium panel for heavy occupant use.

Note also that edge protection strip is fitted to both upper and lower edges of the rigid aluminium panel.



A full size rigid aluminium pane is shown left. This also has edge protection top and bottom.



The upper inside fixing of the rigid panel through the armrest tube is a 35mm x M6 screw and nyloc nut. This provides security against expected side pressure, from a typical heavy occupant requiring a narrow access build wheelchair for tight spaces.

See also gcqa 038 which has details of trays and mounting accessories.