

Standard Lockables



User Manual

EN Instructions for fitting and use

Thank you for choosing

Standard Lockables from BraunAbility!

The following manual is an important part of the product, providing you with information on how to achieve maximum performance and safe operation. Keep the manual in a safe place so that you can refer to it when necessary.

If you have any questions about your equipment, please contact us.

Once again, thank you for placing your confidence in our products!



Safe vehicle adaptation solutions
*For your safety BraunAbility products are
designed and tested according to current
directives and standards.*

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Safety information

Limitation of use



This range of removable standard lockables has been designed for use with a variety of seats where the intention is that they are easily moved within or removed from the vehicle.



If seatbelts are attached to the seat and the vehicle is to be sold within the EU, the vehicle builder will invariably require evidence that the assembly meets the appropriate Directives.



Although the Standard Lockables have performed satisfactorily in tests where M1 loads were applied to a single seat up to 33 kg with three fixing bolts, care needs to be taken in reading across testing results from one installation to another. If doubt regarding a particular installation exists, refer to BraunAbility, the seat manufacturer or the vehicle builder.



Standard Lockables should only be fitted and used in the way described in this manual. If you have any queries on the installation or use of these products, please contact us.

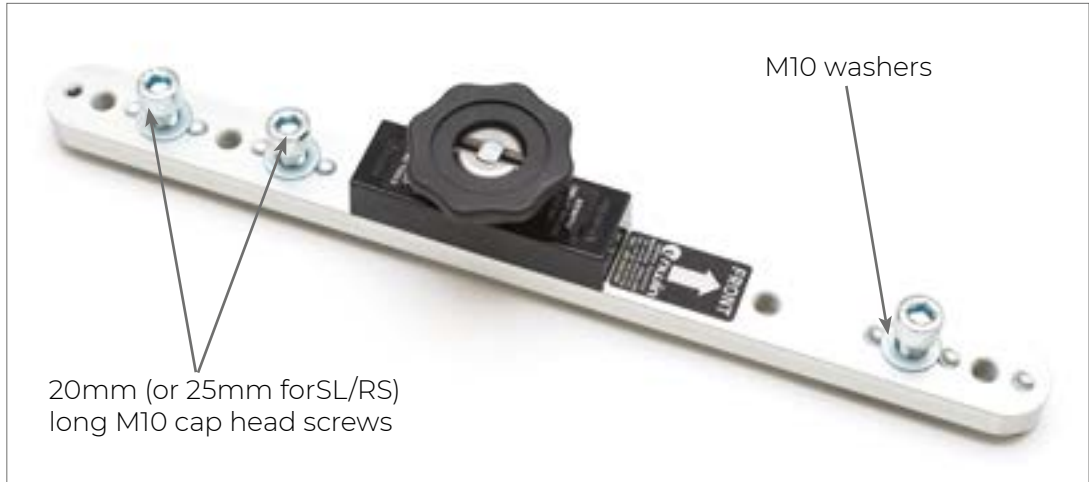


Should you need to use the Standard Lockable near a wheel arch, you might want to use the following one: SFX-05636-A. Please contact the sales office for details.



When the Standard Lockable is used with a Phoenix Seating product, additional parts may be required to ensure compliance with the Type Approved Installation. Parts and advice can be obtained from Phoenix Seating.

Standard Lockable (SL)



20mm (or 25mm for SL/RS)
long M10 cap head screws

M10 washers

Fit and use

Fitting Standard Lockables to seat legs

Note: Two Standard Lockables are normally required for each seat. It is important that the seat legs are set to the identical rail width where the seat is to be fitted. Both Standard Lockables need to be aligned parallel to each other in the rail.

1. Remove the screws (Fig 1A) from each removable Standard Lockable.
2. Place the seat on the Standard Lockables ensuring that both have the arrow marked “FRONT” (Fig 1B) pointing towards the front of the seat. This ensures the five rail fitting feet (Fig 1C) are at the rear of the seat.
IMPORTANT: If it is intended that the seat should face the rear, please contact BraunAbility.
3. The seat should be mounted as far forward as possible on each Standard Lockable. Line up at least two fixing holes (Fig 1D) on the seat frame with two in each Standard Lockable, one from the cluster at the front and one from the rear. **DO NOT** use the rearmost fixing hole of a Standard Lockable in isolation. It should only be used in conjunction with another fixing hole, where a pair of screws are being used to secure each rear leg of the frame.
4. To achieve maximum strength as an assembly the fixing screws must protrude beyond the base of the aluminium bar, thus ensuring maximum performance from the thread. The protrusion needs to be between 1.5 and 3 threads of the screw and must avoid being such that it makes contact with the top of the feet (Fig 1C).
5. Screws supplied as standard with each Standard Lockable are 20mm long and, used with the washer supplied, suit the majority of applications. There are, however, 25mm long screws available from BraunAbility should the frame thickness require a longer pattern, or fitted to the seat fixtures with product code SL/RS. If procured elsewhere the screws need to be grade 12.9 for optimum performance.
6. In fixing the screws, a screw tightening torque of 25-30 Nm (18-22lbft) is recommended.
7. Unlock the anti-rattle mechanism of the Standard Lockable and withdraw location plunger. Offer seat assembly into a section of floor rail to ensure it slides freely.
8. Check that the assembled lockable floor fixings fitted to the seat legs move freely in the rail. If they don't, it can be caused by the induced bending of the lockable when bolted to the seat leg. If this occurs, loosen off the fixing bolts in turn until the lockable/seat leg assembly moves freely in the rail. Source an appropriate thickness of material to fill the gap between the top of the lockable and the bottom of the seat leg foot. Fit this material and retighten the fixing to the correct torque. Re-check for free movement of the assembly in the rail.

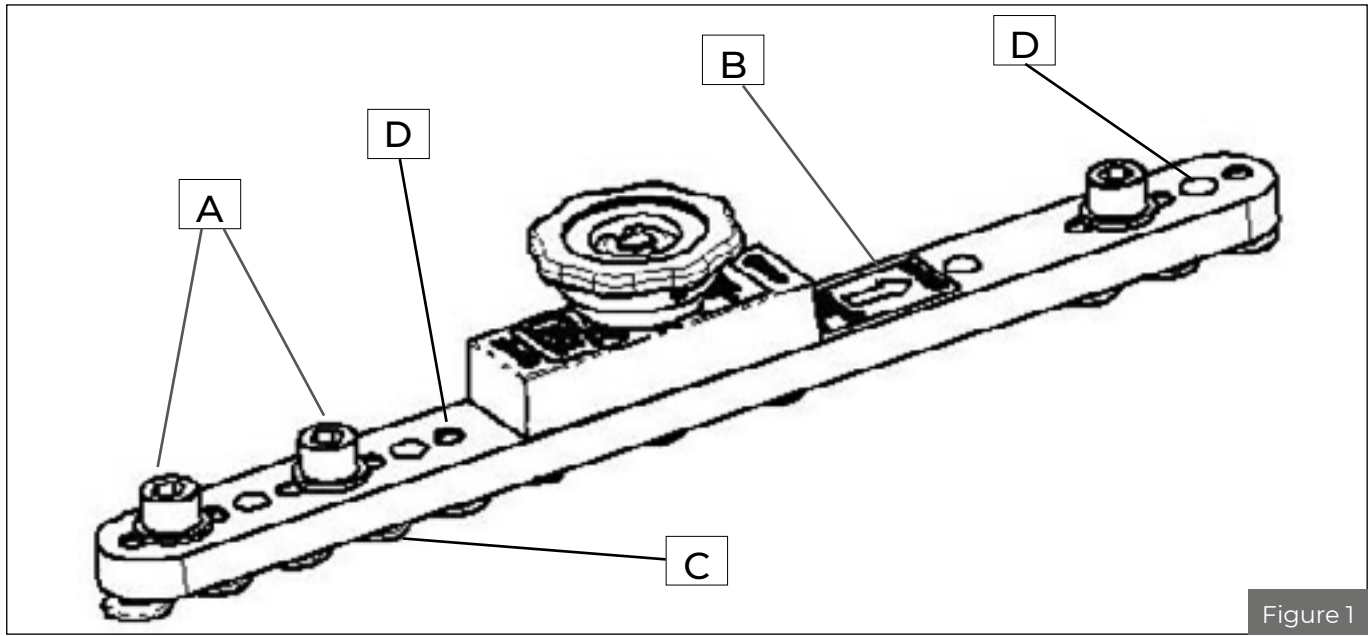


Figure 1

 **WARNING**

If it is intended that the seat should face the rear, please contact Braunability.

Fit and use

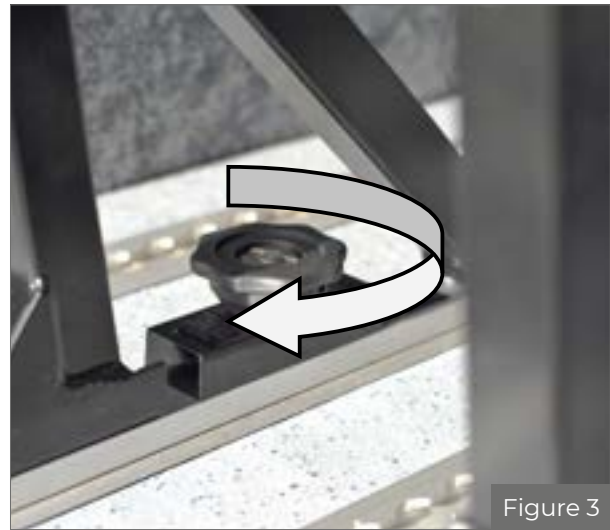
Operating the Standard Lockables

Fixing the seat into the rails

1. Turn the black handles anti-clockwise until a positive stop is reached. Lift the black handles and turn through 90° to raise the plunger (Fig 2).
2. Fit Standard Lockables into the rail and turn black handles so they drop into slots. Push the seat backward and forward slightly until the plungers drop to the bottom of the slots, ensuring total engagement of both plungers in the rails.
3. Turn black handle clockwise to apply the “anti-rattle” mechanism (Fig 3).
IMPORTANT: Tighten by hand only. Do not use tools of any kind.

Removing the seat from the rails

1. Turn the black handle anti-clockwise until a positive stop is reached. This is the unlocked position. Lift the black handle and turn through 90° to raise the plunger (Fig 2).
2. Lift seat out of the rail with a slight backward or forward movement, to allow the seat lockable feet to clear the rail cut-outs.



After care

Equipment storage and maintenance

Regularly inspect the Standard Lockables for damage, wear or malfunction. If any problems are identified replace immediately.

Warranty

BraunAbility products are extensively tested using BraunAbility anchorage systems, and our full warranty normally only applies to BraunAbility equipment when used with BraunAbility branded anchorages or as instructed.

BraunAbility have also participated in test programs with other manufacturers anchorage products and will support warranty on the BraunAbility products when used in conjunction with such jointly tested systems. For further details on specific applications please contact the Sales Office. In other situations, using BraunAbility products, for which BraunAbility has not participated in a joint test program, a limited BraunAbility warranty will apply.

Declaration of conformity

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Declares that the products /

SL, SL/RS, SL/PH

Conforms to following directives standards and regulations /

2001/85/EC Annexe VII Paragraphs 3.8.2.8 & 3.8.2.9
76/115/EEC
R.14.07
R.107.06
BS EN 1789:2007+A2:2014

BraunAbility, Martock, 12 March 2019



Rob Butcher
Director of Engineering



Accredited by URS as testing laboratory in accordance with ISO/IEC 17025:2005
Quality system certified in accordance with ISO 9001:2008

Illustrations, descriptions and specifications in the user manual are based on current product information. BraunAbility UK Ltd reserves the right to make alterations without previous notice.

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