

# Left foot accelerator

Independent driving

Flip-up model



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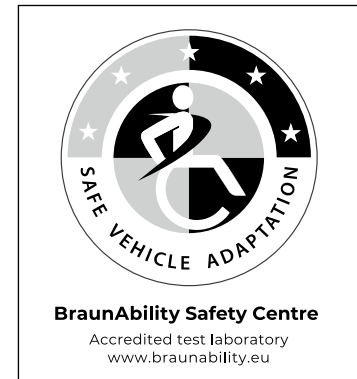
Thank you for choosing a

# Left foot accelerator 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 adaptation, please contact your installation engineer. If you want to know more about us and our range of car adaptation solutions visit [www.braunability.eu](http://www.braunability.eu).

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



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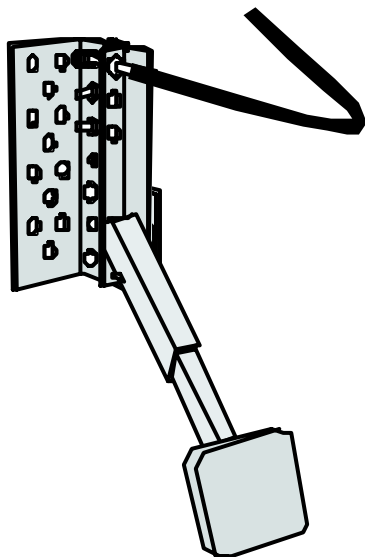
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# Installation



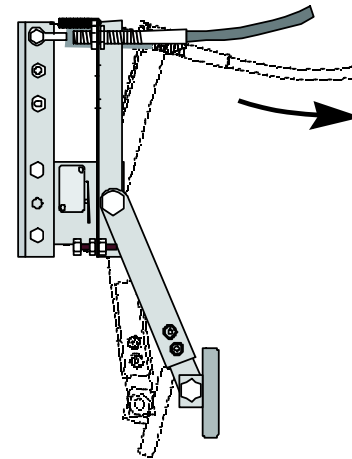
		Pcs			Pcs
A		4	J		Cable plate..... 1
B		2	K		Ball joint attachm..... 1
C		3	L		Cable clamp..... 1
D		5	M		Lock..... 1
E		1	N		M8x25..... 2
F		10	O		M8x25 DIN933 ..... 2
G		1	P		M6x40 DIN933..... 1
H		16	Q		M6x20 DIN933..... 2
I		2	R		M8 DIN985..... 2
			S		M6 DIN985..... 5
			T		A8 DIN 6798-J..... 2
			U		A6 DIN 6798-J..... 3

## Location

Make sure that the user can keep the heel of the foot comfortably rested on the floor while using the pedal and that the position of the pedal feels comfortable.

Try to create a mirror image of the original pedal.

Make sure the cable attachments are not placed too high. There must be enough room for the cable to move.

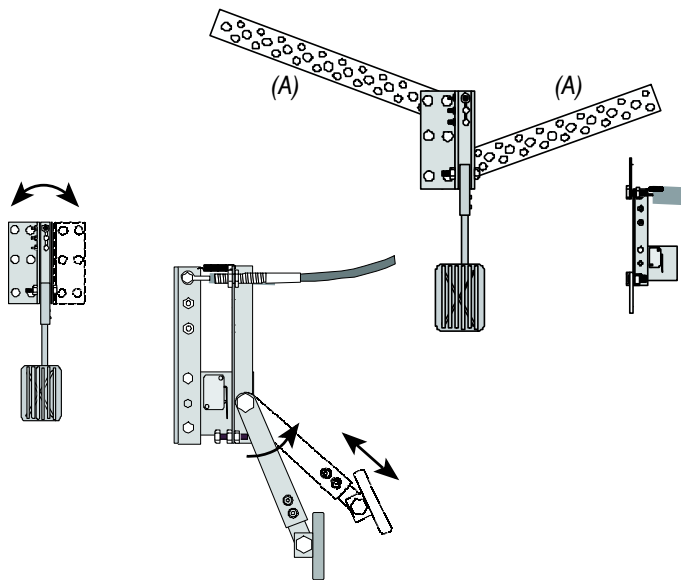


## Fix the LFA pedal to the firewall

Use the mounting plates (A) to fix the pedal to the firewall. Try to use bolt holes and attachment points of the vehicle. Use the bolts (N) or (O) and (R).

If needed the attachment of the LFA pedal can be turned to the opposite side.

The angle and the length of the pedal are adjustable. Make sure to tighten nuts and screws afterwards!





## Mount the cable to the original accelerator pedal

The length of stroke can be adjusted at both ends.

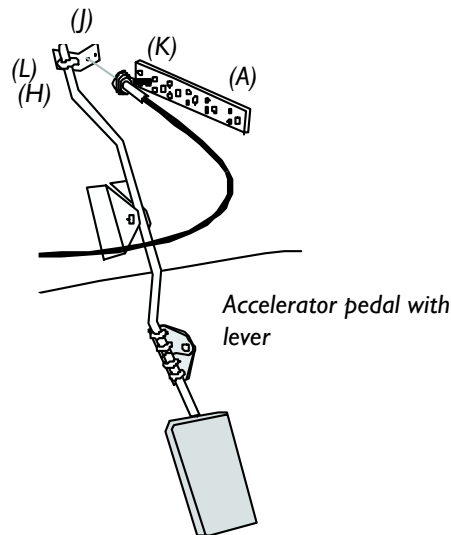
### The cable attached to an accelerator pedal with lever

The cable plate (J) is mounted on the lever of the accelerator pedal by using a cable clamp (L) and nuts (H).

### The cable attached to an electrical accelerator pedal

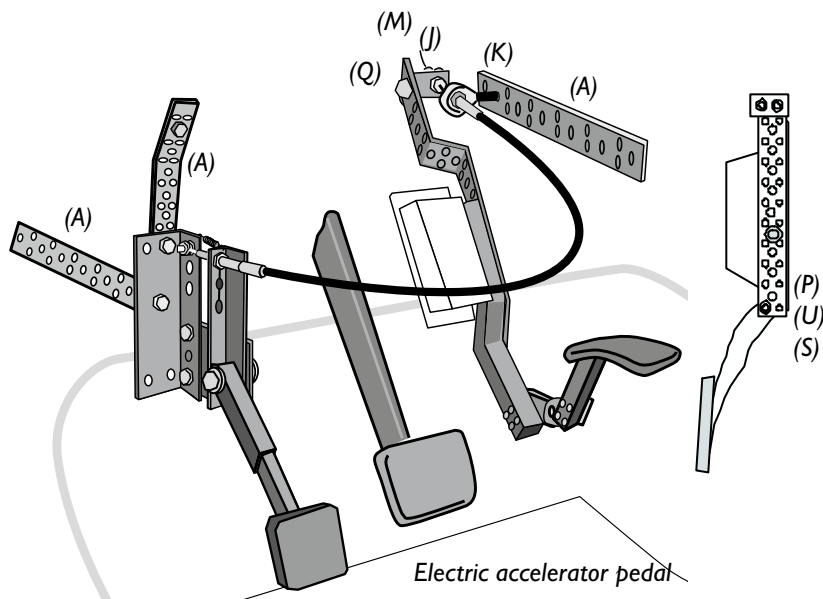
Extend the original pedal by using a mounting plate (A). Fix the mounting plate under the original pedal bolt. The lower part of the mounting plate (A) is fixed with a hexagon bolt (P) and a 6 mm drilled hole in the original component. Use washer (U) and tighten with nut (S). Mount the cable plate (J) using hexagon screw (Q).

The mounting plate (A) for the cable enclosure attachment is mounted in the vehicle frame. The ball joint attachment (K) is then mounted in the mounting plate (A). Thread the cable through the ball joint (K). The cable is fixed to the cable plate (J) using a lock (M).



## Adjust the cable

The length of stroke must be adjusted so that the pedals work simultaneously. That is; the vehicle accelerates fully when both pedals are entirely pressed down and the acceleration is stopped as you let go of both pedals.



## Equip the original pedal with a hinge

It is very important that the original accelerator pedal is out of the way when the LFA pedal is being used.

Assembly the hinge parts (B) and (C) with bolt (E) and nut (G). Mount the hinge on the pedal shaft and cut between the two hinge parts.

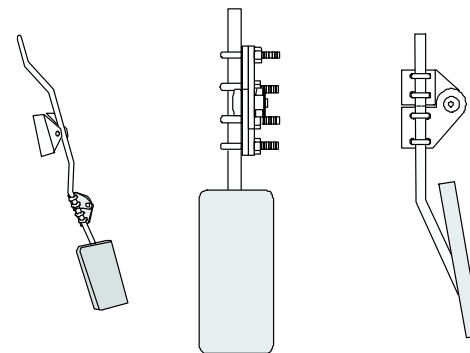
### Accelerator pedal with round shaft

Mount the hinge with cable clamps (D) and tighten with nuts (H).

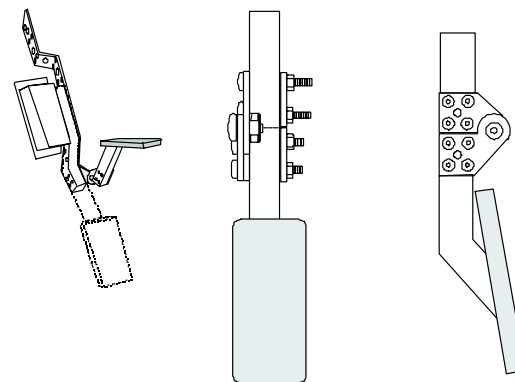
### Accelerator pedal with a robust shaft

Drill holes for bolts (F) and tighten with nuts (H).

The hinge shall be tightened so that it can keep the pedal folded up and stay put.



*Hinge where cable clamps can be used*



*Hinge for a robust pedal shaft*

## Installing the “kick-down” switch

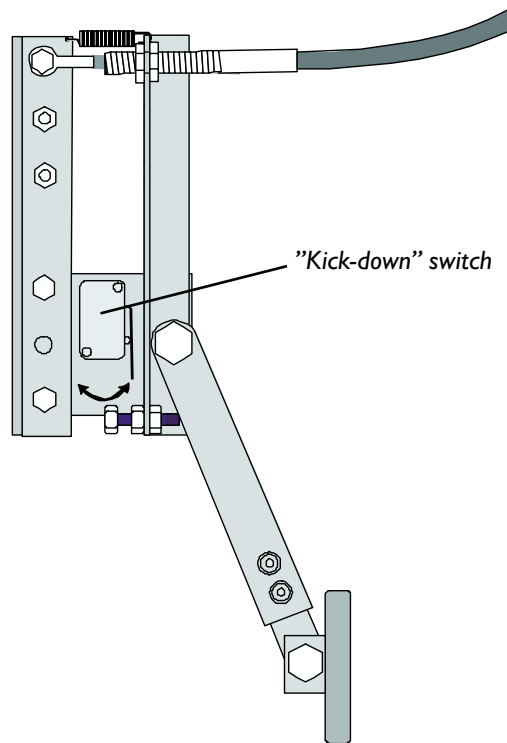
The “kick-down” switch is delivered with the LFA and can be installed as an option.

This is used as a substitute for the vehicles original “kick-down” feature, which does not function when the original acceleration pedal is folded up.

The position of the “kick-down” switch can be adjusted by loosening the screws, moving it and tighten.

**IMPORTANT!** Check that the “kick-down” switch is functioning the way it should by test driving the vehicle.

Also make a final test according to the user requirements.



## Safety

*Left Foot Accelerator = LFA*



*The LFA may only be used by individuals who have received special ordination to do so.*



*When the vehicle is being used by other than the owner of the ordination, the LFA pedal shall be folded away.*



*When the LFA pedal is being used the original accelerator pedal shall be folded away.*

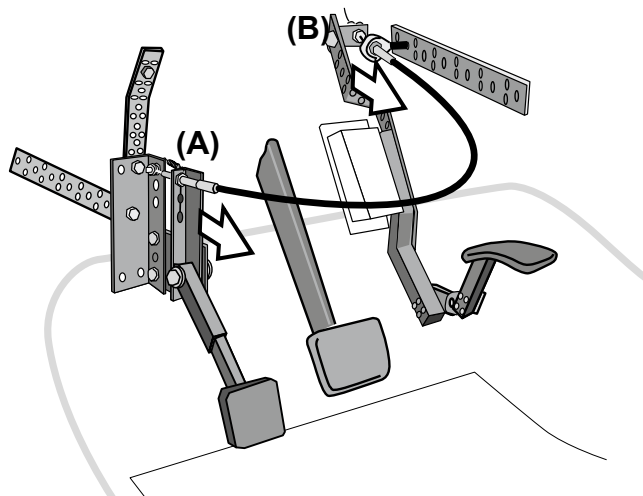


*If the LFA pedal is too stiff or too loose the installer should be contacted immediately.*



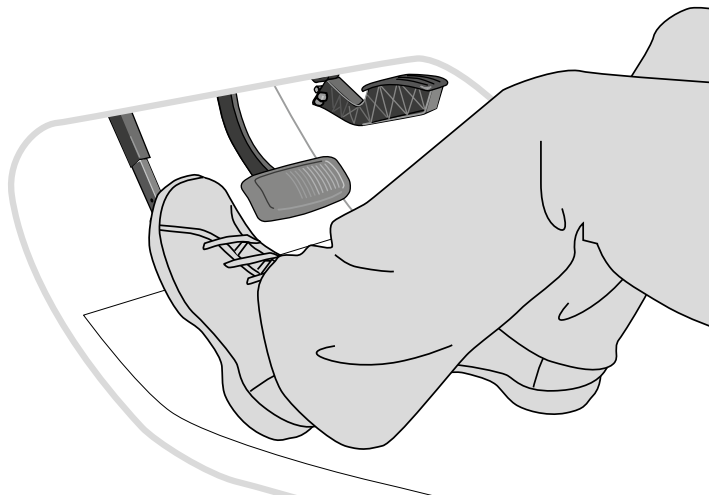
*If the vehicle has been exposed to a crash, the LFA must be inspected by an BraunAbility authorized workshop.*

## Operation



### This is how the LFA works

When the left foot pedal is being pressed down this will affect the attachment of the cable enclosure (A) to be pushed backwards, towards the driver. This will in turn affect the cable attachment (B) to also be pushed backwards, making the vehicle accelerate.



### This is how the LFA is used

First make sure that the original pedal has been folded away and that the LFA pedal is down. The Left foot pedal is used in the same way as the original pedal

## Care instructions

When necessary .....

To maintain the function of the LFA pedal this must be inspected on a regular basis, for example in combination with the scheduled inspection of the vehicle. The inspection can be carried out by an authorized BraunAbility workshop or a service technician.....

Clean with caution, using a moist towel or a vacuum cleaner:

Check the function of the LFA. Make sure the moving parts are not too stiff or too loose. Check that screws and nuts are tightened.


Always contact your dealer for disassembly.



*Any maintenance, modifications or repairs to the Left foot accelerator may only be performed by a qualified installation technician.*

Please contact your installation engineer if you require further assistance or need to ask questions about warranty. We recommend keeping the following information to hand at all times /

Contact details for the installation engineer /

	<p>OC Cars &amp; Mobility Ltd. Unit 1 Harris Park Swords Road, Cloghran Co Dublin Eircode: K67 V123</p> <p>Phone: 01-8332301, 01-8054000 Email: sales@occars.ie</p>
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Model /

Serial number /

Year of manufacture /

Date of purchase /

Notes /



# Introduction for users

BraunAbility Europe AB would like you, as a user, to feel secure and comfortable with your new product. For that reason, it is your installer's duty to go through the following with you /

Safety  
Operation

If any questions about the product should come up later on, you are of course very welcome to contact your installation engineer again.

The above chapters have been gone through /

Date /

Name of dealer /

\_\_\_\_\_  
Signature, installation engineer

\_\_\_\_\_  
Signature, user





# Product certificate

## Manufacturer /

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Phone: +46 302 254 00  
E-mail: [info@braunability.eu](mailto:info@braunability.eu)  
[www.braunability.eu](http://www.braunability.eu)

## Declares that the product /

Left foot accelerator,  
model quick release/ flip up

## Conforms to following directives, standards and regulations /

2006/42/EEC  
ISO/TC22/WG4

BraunAbility Europe AB, Stenkullen  
2019-04-02



Jan M Jensen  
Managing Director



Accredited by SWEDAC as testing laboratory in accordance with ISO/IEC 17025:2005  
Quality system certified in accordance with ISO 9001:2015

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