

# abl

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**Alfred Bekker API Ltd**  
Driving & Vehicle Adaptations





The late Alfred Bekker

Originally established in 1975 Alfred Bekker API Ltd is one of the oldest privately owned mobility companies in the world. Over the years our product range may have altered, but our core values remain the same – to provide independence and freedom to people with disabilities through our expertly designed driving adaptations and wheelchair accessible vehicle conversions.

Prior to 1975 Alfred Bekker was well known in the British Motor Industry before venturing into the disabled driver's world. The company was founded when Alfred began designing and fabricating push/pull hand controls from workshops based at his home, and as they say 'the rest is history'.

Fast forward to the present day and the company has changed locations and expanded as the years have progressed. Situated on the outskirts of Driffield since the mid-1990s, with an expansive manufacturing facility and showroom, Alfred Bekker API is still one of the UKs biggest adaptation suppliers, with it now also supplying a large range of wheelchair accessible vehicles, into both the mobility market as well as taxis and patient transport.

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## Pedal Extensions

*Automatic & Manual Cars*

Our pedal extensions will fit all cars on the road today, allowing the driver to reach the pedal safely and in comfort. They are available for both manual and automatic vehicles, or as a single pedal if required.

- Brings pedals closer - ideal for short or disabled drivers
- Strong construction and easy to fit
- Comfortable to use

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## Stalk Extension

- Allows the functions of the indicator/wiper stalk to be transferred over to the opposite side of the steering column
- Enables operation of the indicators & dip/main beam from the right-hand side or the wipers and washers from the left



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## Push Pull

### *Brake & Accelerator Hand Control*

- Simple, yet effective - pull to accelerate and push to brake
- "In-dash" design allows for rods and linkages to be concealed behind the panel below the steering column in many cars
- Original pedals remain functional for use by other drivers

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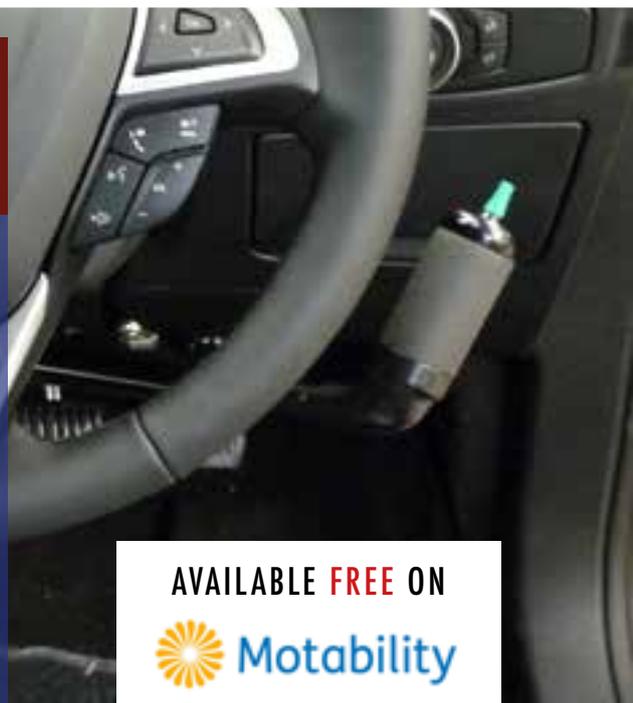


## Push Pull

### *Brake & Accelerator Hand Control with Self-cancelling Indicator switch*

- Features an integrated self-cancelling indicator switch which once activated will flash for thirty seconds in the selected direction and then self-cancel
- Can be cancelled manually by pressing the switch in the same direction a second time
- On most cars it can be installed so that the indicator will flash indefinitely while the brakes are applied. Once the brakes are released the indicator will continue to flash for a further eight seconds before self-cancelling

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### **Push Pull**

*Brake & Accelerator Hand Control  
with Toggle Indicator switch*

- Features an integrated indicator switch with three positions - right indication, off, and left indication
- Original indicator functionality unaffected



**“In-dash” design  
allows for rods  
and linkages to be  
concealed behind  
the panel below the  
steering column in  
many cars**

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All Alfred Bekker Steering aids are supplied with a quick release base to mount on the steering wheel, allowing easy removal when sharing a car with other drivers.

### Quick Release *Mushroom/Ball/Peg*

The most commonly used steering spinners are the mushroom, ball and peg. These are often used in conjunction with hand controls and make it easier to turn the wheel.



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### Quick Release *Upright Tetra and Flat Tetra*

The Tetra Grip flat and upright steering aids are slightly more supportive than the regular steering ball/mushroom.

Your hand fits comfortably between the foam handle and they are suitable for those with slight dexterity problems.

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## Quick Release *Tripod*

The Tripod steering aid is also suitable for people that find it hard to grip. It makes it easier to turn the wheel with use of your wrist and forearm rather than hand movement.



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## Quick Release *Glove & Peg*

For those that struggle to grip or have limited hand movement, the Glove and Peg steering aid may be a solution.

The leather glove is secured to your hand with simple Velcro straps and contains a peg. The peg latches into a clamp fitted to the steering wheel, which can then be turned using the movement of your arm and requires no grip from your hand.



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## Pedal Guards

- Often fitted in conjunction with our hand controls, the pedal guard prevents the driver's feet becoming trapped or obstructing the operation of one or more pedals
- Easily removed by turning the thumbscrew
- Available as a full or half guard



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## Quick Release *Left Foot Accelerator*

- Allows conventional operation of the accelerator pedal using the left foot
- Comes with an integral pedal guard which prevents the driver's foot becoming trapped or obstructing the original accelerator pedal
- Mechanism is easily removed within seconds
- Fitting brackets available for selected vehicles, allowing this adaptation to be mounted in under the seat runners, rather than through the floor

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## Easy Release Handbrake

- The front handle pivots to depress the small button on your handbrake that many people with arthritic conditions or limited dexterity find difficult to operate
- The handle at the rear allows you to pull the lever upwards with less force to apply the handbrake



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## Easy Release Gearshift

For those who struggle with automatic gear change dials mounted on the dashboard, we can offer our rotary gear selector:

- Secure fitment
- Can be set up to suit the driver by bending/cutting the control rod as required

(Designs are also available for traditional automatic gear shifts in selected vehicles)



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## Portable Hand Controls

- Ideal for use in courtesy/hire cars, & on test drives
- Available as part of Europcar hire packages
- Supplied with a handy carry case, so perfect for taking on holiday to use in hire cars





## About Fadiel

*& the partnership with Alfred Bekker*

From 2018 Alfred Bekker are proud to have become the exclusive UK supplier and technical support contact for the following products from Fadiel Italiana. At the forefront of development in adaptations for disabled drivers and passengers, Fadiel continuously strive to develop and update their product range as technology advances.



Fadiel Italiana - Meolo, Italy



## Folding Transfer Plate

- Allows wheelchair users to transfer in and out of the vehicle safely and more easily
- Folds away neatly and discreetly
- User weight limit of 120kg (18st)

## Wireless Satellite Accelerator

- Enables the driver to accelerate wirelessly without taking their hands off the steering wheel
- Available for left/right hand use, adjustable to suit all hand sizes
- Can be upgraded to control nine electrical functions, such as electronic gates/garage doors
- Rechargeable, operating time of 35 hours between recharge
- Emergency back-up power using hard-wired connection
- Safety mechanism disables acceleration on engine start-up and when braking when fitted in conjunction with the Fadiel push brake
- System can be disabled when original pedal accelerator is to be used
- Available in a range of colours/finishes



## Fadiel Wired Satellite Accelerator

- Enables the driver to accelerate without taking their hands off the steering wheel
- Available for left/right hand use, adjustable to suit all hand sizes
- Safety mechanism disables acceleration on engine start-up and when braking when fitted in conjunction with the Fadiel push brake
- System can be disabled when original pedal accelerator is to be used
- Available in a range of colours/finishes





## Fadiel Ring Accelerator

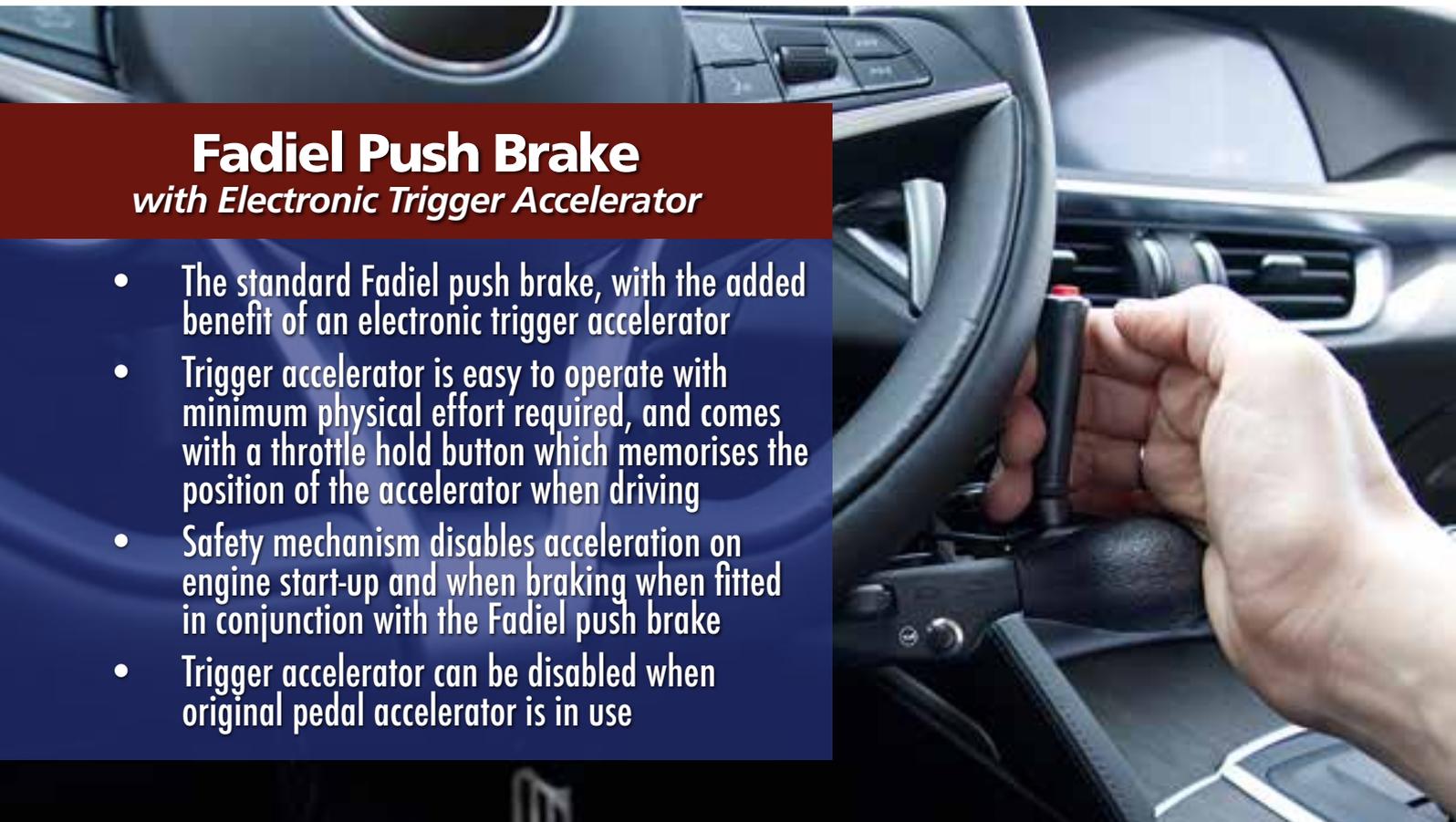
– available as an over-ring or under-ring

- Compatible with standard airbags
- Lightweight composite material available in a range of finishes/colours
- Drivers can switch between using ring accelerator and original pedal
- Can be fitted in conjunction with Fadiel push brake



## Fadiel Push Brake

- More effective braking with minimum effort
- Features a brake hold function and a button for the horn
- Original foot brake unaffected
- Lever available in a range of finishes/colours
- Handle available in a choice of finishes, including leather with contrasting stitching
- Can be upgraded to include a five button control unit



## Fadiel Push Brake

*with Electronic Trigger Accelerator*

- The standard Fadiel push brake, with the added benefit of an electronic trigger accelerator
- Trigger accelerator is easy to operate with minimum physical effort required, and comes with a throttle hold button which memorises the position of the accelerator when driving
- Safety mechanism disables acceleration on engine start-up and when braking when fitted in conjunction with the Fadiel push brake
- Trigger accelerator can be disabled when original pedal accelerator is in use



## Fadiel Push Brake

*with Electronic Trigger Accelerator plus five button control unit*

Five button control unit enables the driver to activate left and right indicators, horn, side lights, headlights, dip/main beam switching, and flashing of the headlights

## Fadiel Quick Release Mushroom

- Can be removed from the base clamp by applying light pressure on a central button
- Available in different finishes, including leather with colour coded stitching to compliment not only the interior of the car, but also the handgrip on Fadiel's push brake



## Fadiel Swivel/Pivot Steering Aid

- This type of steering aid swivels on its support and therefore facilitates the grip and use by people with myoelectric prostheses



### Fadiel Quick Release Upright Tetra/Tripod

- Two and Three point steering aids
- Lightweight, and customisable to the driver's hand



### Fadiel Fork/Cone Steering Aid

- Designed for drivers without a hand but with use of their wrist and/or forearm





## Frequently Asked Questions

### **Q. Which vehicles can hand controls be installed in?**

**A.** Our hand controls can be fitted to any automatic vehicle – our design portfolio is extensive and is regularly updated as new models of car are released. In the event we have not seen your vehicle previously to develop a hand control system for it, then we can design these at our premises provided it is convenient for your car to be with us for several days.

### **Q. Can my hand controls be removed, and will there be any remaining evidence of the installation?**

**A.** Yes, our hand controls can be removed by a trained professional. When we design our hand controls we try to minimise the impact on the car's interior, however there will always be some degree of cutting/drilling to the steering column cowling and the panel below the steering column. In some cases we may also need to remove the knee airbags, and sometimes the pedals will require drilling. Replacement parts can usually be purchased from the vehicle manufacturer.

### **Q. Should I set my steering column position before my hand controls are installed, or can I adjust it later?**

**A.** We would recommend that customers discuss this with their installer prior to hand controls being fitted, as the position cannot be altered later without affecting the alignment of the hand controls.

### **Q. Will someone else still be able to drive my car with their feet once hand controls have been installed?**

**A.** Yes, all the car's original controls (pedals/indicators, etc.) are left intact. However we would recommend that you make other drivers aware that your vehicle is adapted.

### **Q. Which vehicles can the quick release left foot accelerator be installed in, and what is involved?**

**A.** Our quick release left foot accelerator can be fitted to any automatic vehicle, provided there is sufficient space to the left of the brake pedal – in some cases, we may need to remove the footrest to create additional space, however the original pedals are always left intact. For selected vehicles, we have designed fitting brackets that mount in under the seat runners rather than bolting the base plate to the floor.

### **Q. Will someone else still be able to drive my car with their right foot after a left foot accelerator has been installed?**

**A.** Yes, access can be regained to the original accelerator pedal by simply removing the mechanism from the base plate fitted in the foot well.

### **Q. Are adaptations transferable between vehicles?**

**A.** Smaller adaptations like steering aids can be transferred, however hand controls and left foot accelerators will have been set up to suit the specific car they were first fitted into and should not be transferred.

### **Q. Can I fit my own adaptations?**

**A.** Motability customers will have their adaptations fitted prior to handover of their vehicle, however for privately owned vehicles we can supply smaller adaptations for self-fitment. For details, please visit our online shop <http://alfredbekker.com/product-category/driving-aids/>. For safety reasons, our other adaptations can only be fitted by our approved installers. For details of your nearest installer, please contact us.

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