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Alfred Bekker API Ltd
Driving & Vehicle Adaptations



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The late Alfred Bekker

Originally established in 1975, Alfred Bekker API 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 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 their product range as the years have progressed. Situated in East Yorkshire, with an expansive manufacturing facility, Alfred Bekker API is still one of the UK's 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.





Option 1. No indicator switch

- 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



Option 2. Toggle Indicator switch

- All the features of option 1
- Features an integrated indicator switch with three positions - right indication, off, and left indication
- Original indicator functionality unaffected



Option 3. Self-cancelling indicator switch

- All the features of option 1
- Features an integrated self-cancelling indicator switch which works on a timer basis
- Can be cancelled manually
- On most cars, it can be installed so that it will flash indefinitely while the brakes are applied, only cancelling eight seconds after release

Pedal Guard

- 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



Why choose Alfred Bekker Hand Controls?

- Manufacturers of hand controls for over 40 years
- Pioneers of the “in-dash” hand control design
- Lightweight, ergonomic design to ensure ease of use and handling
- Vehicle specific hand control kits to ensure optimum fit
- Nationwide approved installer network

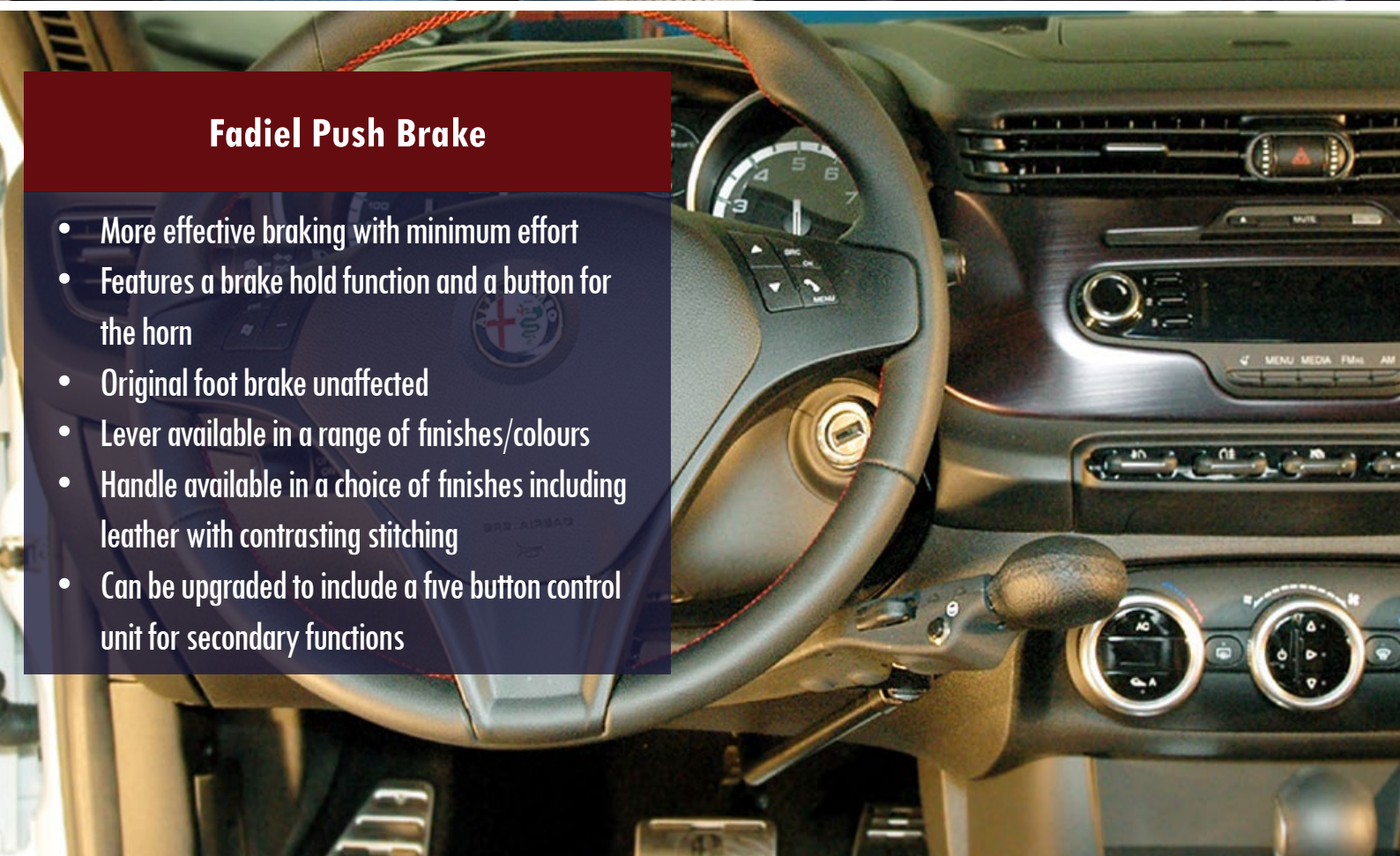
Premium Option - Custom Colours

Please contact us for more information about the range of custom colours available
(finish shown - black carbon fibre)



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 for secondary functions

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
- 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, side lights, headlights, dip/main beam switching, and flashing of the headlights



Fadiel 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 different hand sizes
- Can be upgraded to control nine electrical functions, such as electronic gates/garage doors
- Rechargeable - operating time of up to 35 hours between recharge
- Emergency back-up power using hard-wired connection
- Safety mechanism disables acceleration on engine start-up and during 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 wirelessly without taking their hands off the steering wheel
- Available for left/right hand use, adjustable to suit different hand sizes
- Safety mechanism disables acceleration on engine start-up and during 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





ALFRED BEKKER Quick Release Steering Aids

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. Steering aids are often fitted in conjunction with hand controls as they can make one-handed steering much easier, plus the range of styles available ensures we can cater for varying levels of manual dexterity.

They are also all FREE on  Motability



Mushroom Steering Aid

Our quick release mushroom steering aid is ergonomically shaped to fit comfortably in the palm of your hand and is the most popular style in our range.



Ball Steering Aid

With a narrower diameter than the mushroom, the ball steering aid can be ideal for those with smaller hands.



Peg Steering Aid

The peg steering aid can be ideal for those who prefer to hold their steering aid with their hand in a vertical orientation rather than horizontal.



Upright Tetra Grip Steering Aid

More supportive than the standard mushroom/ball, the upright tetra grip steering aid is suitable for those with slight dexterity issues. With an open/closed palm, your hand fits comfortably in an upright position between the peg and foam covered support.



Flat Tetra Grip Steering Aid

Like the upright tetra, the flat tetra is suitable for drivers with minor dexterity problems. The foam covered 'loop' supports your hand in a horizontal position, allowing you to turn the wheel with a flat open/closed palm.



Tripod Steering Aid

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.



Glove & Peg Steering Aid

For those that struggle to grip or have limited hand movement, the glove and peg steering aid may be a solution. The leather glove fastens with Velcro straps and contains a peg. Simply latch it into the base clamp and the steering wheel can then be turned using the movement of your arm, requiring no grip from your hand.

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 Tripod Steering Aid



- Lightweight, and customisable to the driver's hand
- By supporting the wrist, it allows the driver to use the movement of their wrist/forearm to turn the wheel

Fadiel Upright Tetra Steering Aid



- Lightweight, and customisable to the driver's hand
- By supporting both sides of the hand, it allows the driver to turn the wheel using an open palm



Fadiel Fork & Cone Steering Aids

- Designed for drivers without a hand, but that still have use of their wrist/forearm

Fadiel 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)





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 secured using the seat runners rather than through the floor

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



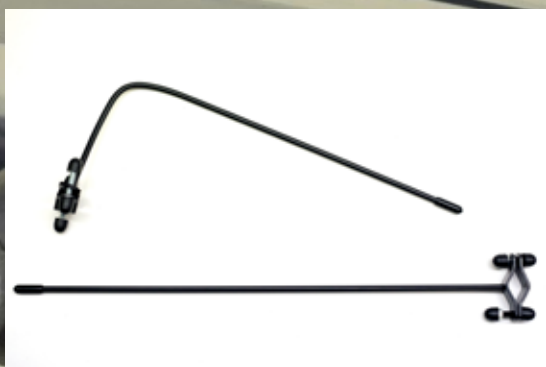
Rotary Dial/Easy Release Gearshift

- Secure fitment, adjustable to suit the driver (Designs available for traditional automatic gearshifters in selected vehicles)



Pedal Extensions *Automatic & Manual Cars*

- Available for all cars, both manual and automatic
- Brings pedals closer - ideal for short or disabled drivers
- Strong construction and easy to fit
- Comfortable and safe to use

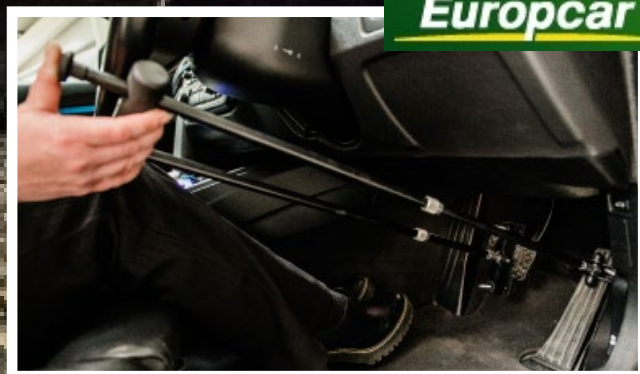


Stalk Extension

- 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

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





Frequently Asked Questions

Q. Which vehicles can hand controls be installed in?

A. Our hand controls can be fitted to any 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, 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 knee airbags are removed, and/or 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.