

Frank's Engineering P/L



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Specializes in Vehicle Modifications for the Disabled

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Monarch Hand Controls

The **Monarch Hand Controls** are available with two different formats.

Push/Pat down towards lap for acceleration & forward for braking.

Push/Pull - Pull for acceleration & push for braking.



Arlow Spinner Knob



Tri-Spinner Knob



Quad Fork Spinner Knob



C Spinner Knob



The Arlow Spinner knob is 100% Australian made.

It has a quick release steering wheel knob with one hand operation. It is easily fitted to most steering wheels using a 4mm allen key & 10mm spanner.

Two size brackets to fit Large or Standard Steering Wheels.

The Tri – Grip Spinner is suitable for drivers who need more support for their wrist when driving. In addition to the Spinner Knobs, there is a C Shaped Spinner & the Quad Fork Spinner.

All Spinner Knobs are 100% Australian made.



Indicator Extension

Custom made Indicator & Wiper extensions to suit each vehicle.

Left Foot Accelerators

There are 3 Types of LEFT FOOT ACCELERATORS that can be fitted dependent on the vehicle.



Left Foot Accelerator Pedal - Flip Up Type

The Flip Up Type: Used for standard fire wall mounted pedals.

Right pedal flips up out of the way, left pedal flips down & vice versa.

The Fujicon Left Foot Accelerator - Floor Mounted

The Fujicon is a bracket that fits over the existing accelerator pedal.

This is used in vehicles that have a floor mounted accelerator pedal.

(ie: some European makes, Volkswagon, BMW, Audi & Mercedes)

Not all models will have to use this bracket.



Fadiel Inversion Accelerator - Floor Mounted

The Inversion Accelerator, also known as the left foot accelerator, provides a simple & cost effective means of operating the accelerator pedal with the left foot.

Quick removal is easy thanks to the release mechanism & can be done by a rotating movement of the accelerator arm.



Fadiel Transfer Seat



The Transfer Seat

The Transfer Seat provides a functional & effective solution for transferring to & from the seat of the vehicle.

Suitable for fitment for both driver & passenger side & compatible with the majority of vehicles. Easily folded down & removed when not required.

FEATURES

- Manufactured from aluminium & steel & load rated 120kg
- Steel fixation brackets designed to fit discretely to original seat rails
- Folds compactly down for normal door operation
- Quickly removed by sliding off from fixation brackets
- Height can be adjusted by cutting down aluminium legs
- Front/rear positioning adjusted by moving brackets on underside
- Universal fitting kit provided for installation on left & right side
- Effective & simple solution for vehicle transfers



RB SP Spinner System

- Easy Joystick Activation 10 x functions

- Ergonomically designed for comfort

Functions include: indicators/horn switch, windscreen wipers, washer, lights, hi beam flash & hazard lights. Exclusive 'Smart Unstop' intelligence

- Only modest phalangeal dexterity required
- Dual function capability with other switches
- Incorporates 'battery-save sleep mode' & 'low battery alert'



RB SP Spinner with RB12 Interface

Advance software offers manual or automatic signal de-activation.

Whilst signals can cancel manually at any time via the joystick, the time period for **automatic signal cancellation** is programmable from 10-60 seconds to suit each individuals preference & driving environ—ie Rural/Suburban/City/heavy City etc.

In addition to this signaler's intelligent '**Smart Unstop**' feature prevents premature cancellation while the brake is applied. This is necessary during driving while sitting at traffic lights etc. Once the brake is released, Signallers timer will again automatically engage.

Exclusive to Signaller

Programmable Signal de-activation with 'Smart Unstop'

RB-Spinner requires only modest phalangeal agility. Its unique multi-directional joystick makes light work of driving—an excellent provision for large fingered clients, or drivers with limited dexterity.

11 x FUNCTION Interface

Programmable Auto or Manual lights activation (plus high/low beam switching), Signals (L/R), Flash/Passing Beam, Horn Hazard, Window Wipers, intermittent, Low & High Speed) & Window Washer

With RB-Spinner installed, the driver retains full control of the vehicle whilst safely activating any desired electrical function-100% of the time-even while negotiating round-a-bouts.



Spinner with RB - RC Keypad

- Ergonomically designed for thumb operation from the Hand Control Lever
- Easy 10 x Function Activation
- Backlit for night viewing
- Programmable for LH or RH Drive
- No batteries required
- Exclusive 'Smart Unstop' intelligence
- Dual function capability with other custom switches



RB- HC Keypad

Advance software offers manual or automatic signal de-activation.

Whilst signals can cancel manually at any time via the joystick, the time period for **automatic signal cancellation** is programmable from 10-60 seconds to suit each individuals preference & driving environ - i.e. Rural/Suburban/City/heavy City etc.

In addition to this signaler's intelligent '**Smart Unstop**' feature prevents premature cancellation while the brake is applied. This is necessary during driving, while sitting at traffic lights etc.

Once the brake is released, Signallers timer again automatically engages. RB-Spinner requires only modest phalangeal agility. Its unique multi-directional joystick makes light work of driving.

Exclusive to Signaller

Programmable Signal de-activation with 'Smart Unstop'

11 x FUNCTION & an Easy Six-large button keypad

Programmable Auto or Manual lights activation (plus high/low beam switching), Signals (L/R), Flash/Passing Beam, Horn Hazard, Window Wipers (intermittent, Low & High Speed) & Window Washer.

In addition to these functions the () button can be used for any additional need such as Fog Lamps, Cruise Control, Front Washer or Rear Wiper etc.*

With RB-HC & RB-RC Spinner installed, the driver retains full control of the vehicle whilst safely activating any desired electrical function-100% of the time-even while negotiating round-a-bouts.



Fadiel Italiana

Wireless Satellite Accelerator



Corded Accelerator



Brake Lever



Combined Accelerator & Brake



Satellite Accelerator

The **Satellite Accelerator** is available in two models wired & wireless & various colours. Acceleration is achieved by lightly pressing the thumb against a small lever. This actuates a potentiometer and dedicated ECU that interfaces with the vehicles original electronic system. This enables the individual programming to suit both driver and vehicle characteristics. It translates to a smooth progressive acceleration curve. The safety cut out mechanism eliminates acceleration on vehicle start up and when braking is applied. In the event that both accelerator and brake are applied simultaneously, the accelerator is cancelled.

Brake Lever FS2001

Braking is achieved by pushing the lever away from the body in the direction of the brake pedal. The absence of secondary linkages for accelerator function ensures a slope free action that delivers the safest and most efficient means of mechanically actuating the brake.

Combined Brake & Accelerator

The new **FS2005 Combined Brake and Accelerator** is built around an intelligent and aesthetically pleasing design that is functional and user friendly. It is operated by pushing the lever for brake & turning the trigger for acceleration. The light action of the trigger eliminates fatigue and provides the option of holding the steering wheel with two hands while controlling the accelerator trigger with the little finger.

Wymo Wheelchair Hoist

- Operation from either the Driver or Passenger side of the vehicle
- Powered by the car's own battery, either through the cigar lighter socket or direct wired
- Lightweight (17kg)
- Quality Satin Black Powder Coated Finish
- Supplied with Roof Rack to suit your vehicle
- Suitable for fixed frame & foldable wheelchairs



The Wymo Wheelchair Hoist provides independence to a motorist who requires a wheelchair in their daily life.

The Wymo Wheelchair Hoist is a true solution to the problem of Independence of a disabled driver. The Wheelchair Hoist is unlike anything from anywhere in the world, it is an **original Australian** invention & **100% Australian Made**, many thousands have been manufactured and distributed worldwide over the last 29 Years. The Hoist fits onto the roof of the car & is operated by a switch mounted on the dash board or hand held control unit, from either the driver's or passenger's side.

The Hoist works through the following steps:

1. The driver approaches the car and opens the car door.
2. The driver transfers from his/her wheelchair into the driver's seat.
3. The driver presses down on the switch unit and lowers the lifting strap and hooks it to the wheelchair.
4. The driver presses up on the switch unit and raises the wheelchair.
5. Just as the hoist is vertical the driver attaches a locking strap to outer wheel of the wheelchair.
6. Lifting Capacity 30kg.



- **Wymo Wheelchair Cover Available**

Small Fold Down Trunk Lifter - 2 Way



Small Fold Down Trunk Lifter is quick, effortless loading of your scooter or wheelchair

How To Use Small 2 Way Trunk Lifter Hoist:

1. With the scooter or wheelchair attach the bracket to the scooter
2. Simply press the **Up** button & the scooter will be lifted
3. Once the scooter has reached the correct height
4. Press the **Down** button to lower the scooter into the position

Features:

- Lifts mobility vehicles weighing up to 80kg
- Installs inside vehicle
- Tailor made fitting kits to suit most vehicles
- Remote Hand Control included



Please Check with Frank's Engineering Staff, as assessment of vehicle & scooter/wheelchair may be required.

Small Fold Down Trunk Lifter - 4 Way



Small Fold Down Trunk Lifter is quick, effortless loading of your scooter or wheelchair

How To Use Small 2 Way Trunk Lifter Hoist:

1. With the scooter or wheelchair attach the bracket to the scooter
2. Simply press the **Up** button & the scooter will be lifted
3. Once the scooter has reached the correct height press the **In** button & the scooter can be manoeuvred into the vehicle
4. Press the **Down** button to lower the scooter into the position
5. Lifting Capacity 80kg.



Please check with Frank's Engineering Staff, as assessment of vehicle & scooter/wheelchair may be required.



Large Trunk Lifter Hoist 150kg - 200kg



Large Trunk Lifter Hoist 150kg & 200kg

Large Trunk Lifter Hoist – Inside Lift enables you to lift & load your wheelchair/scooter into the back of your vehicle. Our hoist is designed to lift larger (wide, longer, heavier) wheelchairs, scooters & power chairs. It has sophisticated engineering & sleek design and is highly adjustable & is capable of lifting a wide range of scooters & wheelchairs.

The Hoist is simple & easy to use & comes with a hand held remote control, allowing you to control up & down, left & right movements of the hoist all at the touch of a button. The hand control system runs from the vehicle battery & uses normal power. When not required can be easily detached in 30 seconds.



*This unit can be fitted in a **variety of vehicles***

Please check with Frank's Engineering Staff, as assessment of vehicle & scooter/wheelchair may be required.

Harmar AL300 Fusion Lift with Swing Away Option



Harmar AL300 Fusion Lift with Swing Away Option

Harmar AL300 Fusion Lift offers the convenience and versatility to carry a power chair or scooter with one lift.

It has self – tensioning Q'Straint retractors & rear wheel cradle. **Compatible** with virtually all scooters and power chairs, safely secures the mobility device with four easy-to-operate, Q'Straint retractors.

When empty, the platform automatically folds up and out of the way with the flip of a single switch.

- Manual crank backup & license plate mount included
- Aluminium Deck 900mm x 698mm, adjustable cradle extends up to 46"
- Lifting Capacity approx. 160kgs

[Harmar AL300 Cover Available](#)

Swing-Away option allows an unoccupied outside lift to be easily pivoted away from the vehicle to gain clear access to the trunk, lift gate or tailgate.

*The unit can be fitted into a **variety of vehicles.***

*Please check that the **tow bar hitch is heavy duty** to able to carry this unit.*

Please check with Frank's Engineering Staff, as assessment of vehicle & scooter/wheelchair may be required.



Milford Person Lift



Milford Person Lift

The Milford Person Lift & optional **Milford SmartBase** Mobile unit offers safety, comfort & versatility all from one lift. It's the ideal solution to transfer to a vehicle without putting undue strain on the carer/operator or on the person being lifted. It fits a wide range of vehicles & is suitable for a wide range of individuals more so than alternate transfer solutions.

When empty, the platform automatically folds up and out of the way with the flip of a single switch.

The **Milford** is professionally fitted by **Frank's Engineering P/L** to either the driver, passenger side, in the front, middle or rear seating position.

The **Milford Person Lift** utilises a simple sling mechanism that lifts any individual weighing up to **149kg** into & out of a vehicle.

- Fit the sling down your back & under legs then connect.
- Using the hand control lift the person so that their feet fit over the door sill.
- Manoeuvre the person into the vehicle.
- Using the hand control lower the person onto the vehicle seat.
- Remove the extension arm & main body of lift prior to driving away.

Please check with *Frank's Engineering Staff*, as assessment of vehicle & scooter/wheelchair may be required.



Hand Brake Lever Extension

The **Hand Brake Lever Extension** is used for people that do not have full strength in their hand & unable to press the button to release the hand brake.



T - Bar Extension

The **T - Bar Extension** is used for people that do not have full strength in their hand & are unable to press the button to change the gear on there vehicle.

Indicator/Horn Switch

An **Indicator & Horn Switch** can be fitted to the Hand Controls to enable the driver to use these functions easier.



An Indicator Extension Lever can also be made. A Modification of standard indicator systems using lever extenders which can be adjusted to suit individual needs.

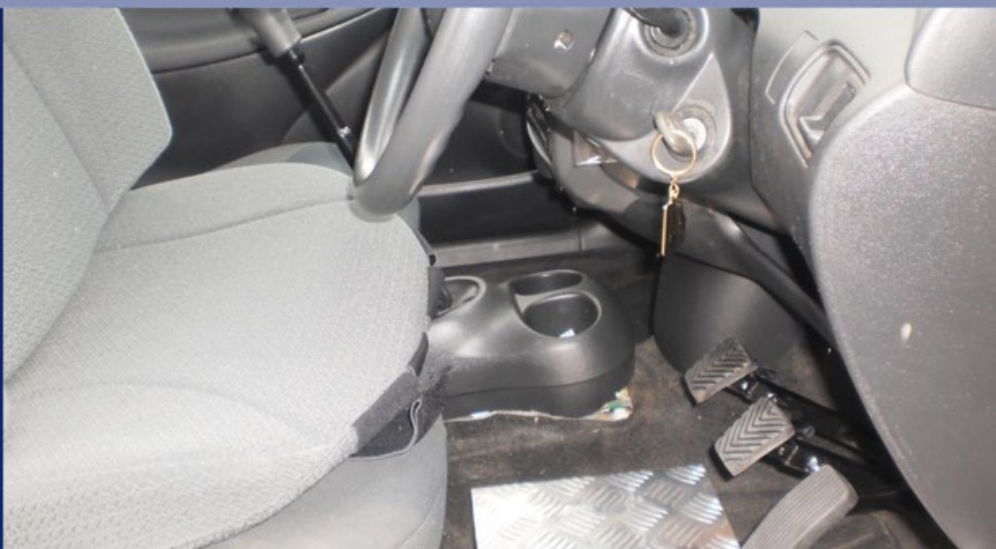
A range of lever extensions can be manufactured to enable the driver to easier operate Windscreen Wipers, Power Windows, Gear Change, Hand Brake etc.

Call us to discuss your requirements.

Indicator Extension Lever to the Left Hand Side



Pedal Extensions



Pedal Extensions

Pedal Extensions are made to measure for short statured people & are fully removable. Custom made after assessment of client.

Custom made Cushion for short statured people.

Raised Floor Step is to enable short statured people to get in & out of seat easily.



Metal Foot Plate to cover original pedals



Frank's Engineering P/L pride ourselves in supplying the best possible service & advice for vehicle modification's for the disabled.

Frank's Engineering P/L in consultation with Occupational Therapists, aims to assist many physically disadvantaged people to continue leading as independent a life as possible through vehicle modifications. The products available are wide & varied, designed to provide the maximum benefit to our clients.



Email Quotes To:

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