



# BTB Auto Glass & Body Shop Tools

## Bonded Glass & Panel Removal System

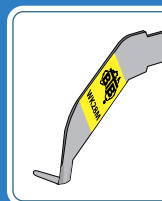
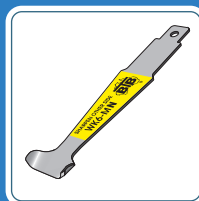
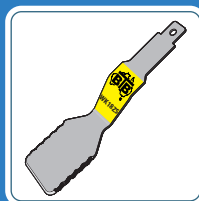
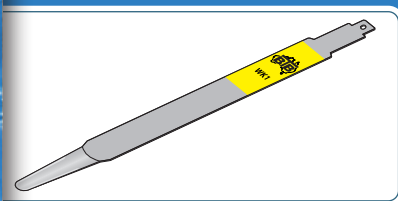
### ► 12V Battery Power Tool



### ► Air Power Tool



### ► A wide range of blades in various sizes and styles



*Specialised power tool and cutting blade system for the auto glass replacement, collision repair, commercial vehicle, and other industries.*



a division of



**BTBTOOLS.COM**

**BTB Tools / ALP OZ Auto Moulds is Australia's One Stop Shop for specialised tools, accessories and consumables to the auto glass repair & replacement, collision repair, and a variety of other industries.**

## About Us

BTB is part of an Australian family owned company. We supply our Australian manufactured flexible adhesive cutting tools and blades and export them worldwide. In April 2018 BTB Auto Glass & Body Shop Tools was incorporated into ALP OZ Auto Moulds.

## Industry Knowledge

With over 65 years hands on professional experience in the auto glass & collision repair industry, BTB are qualified industry experts. We are technological leaders for the safe removal of adhesive fitted auto glass, bonded panels & components and provide technical product support for the tools we sell.

## Servicing Every Industry

BTB's unique cutting system is used in every industry requiring cutting tools to remove adhesive fitted glass, panels and parts.

## On-Site Manufacturing

BTB's patented and unique specialised products, including the BTB Glass & Panel Removal Power Tools and Cutting blades, are manufactured on site at our BTB Head Office in Bendigo, Victoria, Australia.

## Global Reputation

BTB Tools products are distributed nationally through our dedicated distribution network. We have an international reputation and export our BTB adhesive cutting system to over 50 countries worldwide.

## Prompt Service & Delivery

BTB prides itself on its high standard in Customer Service. Responding to product enquiries is given top priority. BTB manufactured products are also backed by our in-house tool service / repair centre.

## Terms & Conditions

*All product returns must be approved prior by ALP OZ Auto Moulds and be within 14 days from receipt of delivery. Incorrectly ordered product returns may be subject to a restocking fee. Returned goods shall be in their original and unmarked condition, complete with any instruction sheets supplied.*

*The following goods cannot be returned for credit under any conditions:*

- Any goods specially made, including items cut to length
- Any goods used, altered or damaged by the purchaser
- Any goods having an invoice value of \$10 or less
- Any goods especially indented and which are not normal stock lines

*All product returns must be freight prepaid by the sender.*

*All orders are to be prepaid unless trading terms are agreed prior by ALP OZ Auto Moulds.*

*Orders discrepancies must be reported to ALP OZ Auto Moulds within 3 days to ensure they are resolved ASAP.*

*Prices and availability are subject to change without notice.*

*The supply of items may vary from time to time from the actual images shown in this catalogue.*

*Any unauthorised copying, duplicating or transmitting of this publication or any part thereof is strictly prohibited unless prior consent is given in writing by ALP OZ Auto Moulds. Any infringement of copyright may be subject to legal liability.*

**ALP OZ Auto Moulds Bendigo Manufacturing Facility.**



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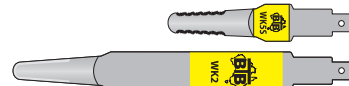
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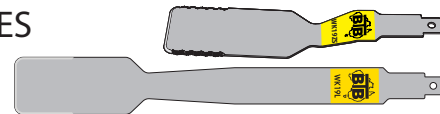
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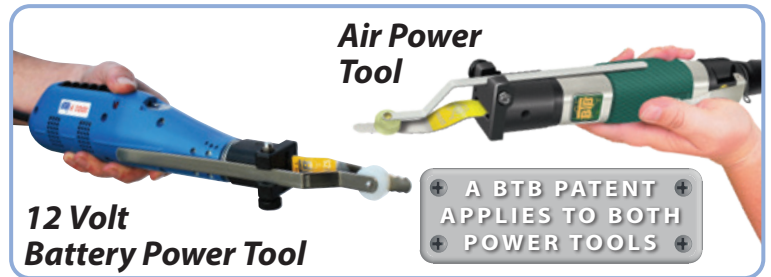
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## INTRODUCTION

BTB's unique and patented system has been designed to remove all types of adhesive fitted glass and components. Its speciality is Automotive glass, including those with encapsulated or bonded mouldings and/or where adhesive is difficult to reach or hidden far below the dashboard. Equally it is superior in removing adhesive fitted body panels and side/body mouldings. All without damage to painted panel, glass or component.



**One System, two power tool options. Servicing any Industry, Any Vehicle, Any Glass, Any make or model, Every Time!**

## Versatility

The BTB system's **versatility** allows you to cut from inside or outside of the vehicle, against the glass surface, or in the case of an encapsulated glass, the reverse R blades will safely cut against the pinchweld or body panel and away from the encapsulation.

## Two Power Tool Options

BTB's renowned Air Powered Tool or our new 12 Volt Battery Powered **E-TOOL**.

## Precision and Control

Cutting blade precision and control for both tools comes from their short and fast in-line reciprocal (in-out) stroke, adjustable speed and power, and the adjustable **cutting depth control** system. The **non-aggressive action** of both tools also minimises risk of vehicle damage or operator injury. **Force is eliminated** and expensive undamaged glasses and mouldings can be re-used.

## Intelligent Design

- All blades can be used in the BTB Air Tool or the **E-TOOL** and can also be used in BTB's manual handles.
- Blades can be quickly interchanged in less than 10 seconds.
- The controller cap on both power tools is made from nylon, designed to rest on the glass while cutting from inside the vehicle, correctly aligning the blade and **avoiding scratching glass or painted panels**.
- Both power tools also operate as a very powerful and effective **power air body saw**.

## Low Hand - Arm Vibration (HAV)

Both the Air Powered Tool and 12 Volt Battery Powered **E-TOOL** conform to ISO5349, ISO8662 and **CE** standards.

## Quality Manufacture by BTB

Both the Air Powered Tool and 12 Volt Battery Powered **E-TOOL** are unique, custom built tools providing quality, power, precision and low vibration. They are small, compact, light-weight and user-friendly, with proven reliability and long life, requiring minimal maintenance.

## Training Package & User Manuals

Every **E-TOOL** and Air Tool comes with a detailed User Manual and access to online Training Videos, providing excellent and valuable guidelines, hints and tips for most cut-out and glass types. A level of skill and proficiency quickly develops from applying the system to a range of cut-out applications.



[btbtools.com/videos](https://btbtools.com/videos)

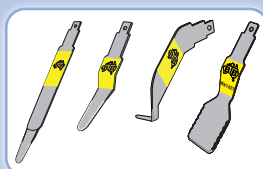


## Tool Kits & Individual Components

BTB offer a range of industry-specific tool kits. Also any power tool, blade, or tool kit accessory can be purchased separately.



Professional Tool Kits



Blades for All Applications



Cutting Depth Control



Pinchweld Trimming Blades





## Battery Powered or Air Powered?

**Both versions of the power tool:**

- use the same blade cutting depth control arms,
- have low noise and vibration levels,
- have precise & powerful cutting performance,
- are compact and light weight,
- use the same blades and accessories,
- are available in industry-specific tool kits.

BTB's Power Tools, Control System & Selected Cutting Blades have Registered Patents/Designs Extending Worldwide

## BTB **E-TOOL™** 12V Power Options

Along with its total portability, the E-Tool:

- has a faster and shorter stroke, eliminating hot blades and smoke, also avoiding kickback from incidental blade contact.
- allows Power Cold Knife blades to also be pulled backwards (eg. Up an A pillar).

The BTB E-Tool is available with a small portable 12 volt battery pack, however you can use your own 12 volt power supply.



The 12 Volt Battery Powered **E-TOOL™** is specifically designed for **Mobile Installations**.

### BTB's Shoulder Battery Pack



**6 Ah Battery:**  
▶ 6 to 8 cut-outs

### 12V Carry Pack or Vehicle Battery



**12 to 40 Ah Battery:**  
▶ 15 to 40 cut-outs

### Mobile Vehicle 12V Battery



Using optional BTB Extension Cables  
**Regularly re-charged via Vehicle Battery**

- Direct to Battery
- Panel Socket
- Auxiliary battery

### An AC Transformer Supplying 12 Volt Power



**Unlimited 12V power:**  
▶ Unlimited cut-outs

## BTB Air Tool Air Supply Options

The BTB **WK10HD** Air Tool consumes a small volume of air and is generally powered via a workshop air supply,

**OR** for portable use in a mobile repair van, simply use a small fully portable air compressor,

**OR** for quiet and total portability, use a bottle of Carbon Dioxide (CO<sub>2</sub>) fitted with a pre-set pressure regulator.

The **WK10HD** is a small but superior powered air tool for every-day use and recommended for **workshop or heavy duty use**.



## **E-TOOL™**

## Tool Specifications

## **AIR TOOL**

Free Speed (Cycles Per Minute)	6,400
Reciprocal Stroke Length	4 mm [ 1/8" ] (fixed)
Noise at 1 metre	80 dBA
Vibration Emission Value A <sub>hv</sub>	8.03 m/s <sup>2</sup>
Tool Weight	1.3 kg [ 2.87 lb ]
Overall Length (Excluding Lead)	280mm [ 11" ]
Warranty (on Tool)	1 year
Motor Power Output	112 W
Voltage Input	12 V DC
Battery Charger Voltage Input	110-240 V AC

Free Speed (Cycles Per Minute)	6,500
Reciprocal Stroke Length	0 - 6mm [ 1/4" ] (variable)
Noise at 1 metre	77 - 79 dBA
Vibration Emission Value A <sub>hv</sub>	7.6 m/s <sup>2</sup>
Tool Weight	1.15kg [ 2.53 lb ]
Overall Length Excluding Hose	260mm [ 10 1/4" ]
Warranty (on Tool)	2 years
Air Inlet	[ 1/4" NPT ]
Max. Air Pressure	6.2 Bar [ 90 PSI ]
Air Consumption [ Free Air Delivery ]	60 - 140 Litres /min [ 2 - 5 CFM ]

## Auto Glass Removal Applications

*Many glass removals, most specifically if undamaged and to be re-installed, may require different or a combination of cut-out techniques. BTB's precise, smart and versatile air or battery powered system allows you to cut the adhesive:*

- using no stress or force,
- from outside the vehicle,
- from inside of the vehicle,
- against the glass surface, or
- against the pinchweld/panel surface, avoiding contact with the encapsulation

Long flexible blades easily **REACH URETHANE BELOW DASHBOARDS** including double beads and difficult adhesives on side and back glasses.



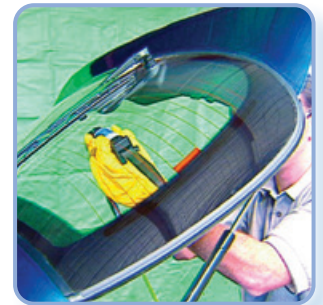
Cut from outside vehicle with **POWERED COLD KNIFE BLADES** for a fast cut-out without physical force to the glass or technician's limbs.



**PRECISE CUTTING from INSIDE VEHICLE with BLADE DEPTH CONTROL ARMS** for user confidence and protection of painted surfaces.



For **ANY CURVED GLASSES**, thin flexible blades follow the contour of the curved glass.



Small light-weight and versatile power tool is excellent for removing **SMALL & DIFFICULT GLASSES**.



**CUT AGAINST PINCHWELD** from inside vehicle and underneath the moulding to save and **RE-USE EXPENSIVE ENCAPSULATED GLASSES**.



Quick and easy **ANTI-SCRATCH PINCHWELD SCRAPER** blades leave a thin even layer of adhesive for re-bonding.



**CUT UNDER EDGE OF EXPOSED GLASS OR ENCAPSULATION** from outside using a standard blade to cut against either the glass or body panel.



## BTB's Famous Air Powered Auto Glass Cut-Out Tool

*A small but superior powered Air Tool for every-day use and recommended for workshop or heavy duty use in bus and train glass removal.*



**Powerful, Precise, Versatile and Reliable**



See the tool in action at [btbtools.com/Videos](http://btbtools.com/Videos)

### AIR TOOL Technician Kit

#### WKTEC-BX 11 Blade Air Tool TECHNICIAN Auto Glass Specialist Kit

This comprehensive kit designed for the Auto Glass Professional contains a wider range of mostly serrated blades, preferred for their faster cut-out times. Includes adjustable cutting depth control arms. Safely remove any bonded glass from any vehicle!



#### KIT CONTENTS:

##### Power Tool:

WK10HD Heavy Duty Air Tool

##### Blades:

WK1-S, WK2-S, WK4-S, WK4R-S, WK4Z-S, WK4ZVR-S, WK24Z, WK24-S, WK27M, WK28M, WK6-M

##### Cutting Depth Control Arms:

WK11AW, WK11BW5, WK11CW, WK11EW, WK11FW

##### Accessories:

WK7, WK7L, WK8DSM, WK9, WK9B, WK11VEL, WK20, WKGA

Also see Spade Blades on Pages 22-23

##### Packaging:

Sturdy Plastic Carry Box

##### Training Package:

User Manual, Online Videos

### AIR TOOL Classic Kit

#### WKCLS-BX 7 Blade Air Tool CLASSIC Auto Glass Kit

This tool kit contains an assortment of serrated & non-serrated blades to easily remove modern vehicle glasses, including laminated & encapsulated style glasses. Includes adjustable cutting depth control arms.



#### KIT CONTENTS:

##### Power Tool:

WK10HD Heavy Duty Air Tool

##### Blades:

WK2-S, WK3, WK24Z-S, WK24ZR-S, WK27M, WK28M, WK6-M

##### Cutting Depth Control Arms:

WK11AW, WK11BW5, WK11CW, WK11FW

##### Accessories:

WK7, WK8DSM, WK9, WK9B, WK11VEL, WK20, WKGA

Also see Spade Blades on Pages 22-23

##### Packaging:

Sturdy Plastic Carry Box

##### Training Package:

User Manual, Online Videos





## AIR TOOL Starter Kit

### WKSTR-BX 4 Blade Air Tool STARTER Kit

The ideal kit for introducing workshop based auto glass technicians to the BTB removal system. Contains a small selection of BTB's most used blades and adjustable cutting depth control arms for modern style vehicle glass removals.



#### KIT CONTENTS:

<b>Power Tool:</b>	<b>Cutting Depth</b>
WK10HD Heavy Duty Air Tool	WK11BW5, WK11FW
<b>Blades:</b>	<b>Accessories:</b>
WK2-S, WK4Z-S, WK27M, WK28M	WK7, WK8DSM, WK9, WK11VEL, WKGA

**Also see Spade Blades on Pages 22-23**

**Packaging:** Sturdy Plastic Carry Box

**Training Package:**

User Manual, Online Videos

## WK6 Non-Scratch Pinchweld Trimming Kit

### WK6-N-KIT 4 Blade Pinchweld Trimming Kit

Remove excess adhesive easily and safely with BTB's exclusive pinchweld trimming kit.



Intelligent design features of these blades include:

- A special wing on each side of the blade to eliminate scratching of paint including vertical pinchweld walls.
- A special grind which leaves a thin even layer of adhesive for re-bonding of replacement glass.

#### NOTE!

Also available in regular profile. See page 25.

See Page 6 for Auto Glass Removal Applications



Reach below dashboards



Blades for all applications



Cutting depth control



Pinchweld trimming blades



## AIR TOOL Basic Kit

### WKBASIC Basic 4 Blade Toolkit in Cardboard Box

This is the entry level Air Tool kit ideal for introducing customers to our BTB Removal System. This kit contains the WK10HD Air Powered Cut-Out Tool and a small selection of blades. The basic and compact cardboard box packaging also helps lower the cost of the kit.



#### KIT CONTENTS:

<b>Power Tool:</b> WK10HD Heavy Duty Air Tool	<b>Cutting Depth Control Arms:</b> WK11BW5
<b>Blades:</b> WK2-S, WK4Z-S, WK27M, WK28M	<b>Accessories:</b> WK7, WK11VEL, WKGA

**Also see Spade Blades on Pages 22-23**

**Packaging:** Cardboard Box

**Training Package:**

User Manual, Online Videos

## Air Power Tool Only

### WK10HD Air Tool with WKGA Tool Accessory Kit

Includes airline with fitting.



#### TIP

If a mobile air supply is required for your BTB air power tool, simply use a small air compressor powered by a vehicle power inverter system **OR** for quiet and total portability, use a bottle of Carbon Dioxide (CO<sub>2</sub>) fitted with a pre-set pressure regulator.



See the tool in action at [btbtools.com/videos](https://btbtools.com/videos)

Every Air Tool and E-Tool tool or kit comes with a detailed User Manual which provides excellent and valuable guidelines, hints and tips for most cut-out and glass types.



Additional blades can be purchased separately and easily be added to any kit as required



## E-TOOL™

## BTB's 12 Volt Battery Powered Auto Glass Cut-Out Tool

Designed and Built by  
BTB Technicians specifically  
**for Mobile Installations**



See the tool in action  
at [btbtools.com/videos](http://btbtools.com/videos)

### E-TOOL™ Technician Kit

#### ETK12TEC 11 Blade E-Tool TECHNICIAN Auto Glass Specialist Kit

This comprehensive kit, designed for the Mobile Auto Glass Professional, contains a wider range of mostly serrated blades which are preferred for their faster cut-out times. Includes adjustable cutting depth control arms. Safely remove any bonded glass from any vehicle!



#### KIT CONTENTS:

<b>Power Tool:</b> E-Tool, 12V Battery in Carry Bag, Charger	<b>Cutting Depth Control Arms:</b> WK11AW, WK11BW5, WK11CW, WK11EW, WK11FW
<b>Blades:</b> WK1-S, WK2-S, WK4-S, WK4R-S, WK4Z-S, WK4ZVR-S, WK24Z, WK24-S, WK27M, WK28M, WK6-M	<b>Accessories:</b> WK7, WK7L, WK8DSM, WK9, WK9B, WK11VEL, WK20, WKGA

Also see Spade Blades  
on Pages 22-23

#### Packaging:

Sturdy Plastic Carry Box

#### Training Package:

User Manual, Online Videos

### E-TOOL™ Classic Kit

#### ETK12CLS 7 Blade E-Tool CLASSIC Auto Glass Kit

This Mobile E-Tool kit contains an assortment of serrated & non-serrated blades to easily remove modern vehicle glasses, including laminated & encapsulated style glasses. Includes adjustable cutting depth control arms.



#### KIT CONTENTS:

<b>Power Tool:</b> E-Tool, 12V Battery in Carry Bag, Charger	<b>Cutting Depth Control Arms:</b> WK11AW, WK11BW5, WK11CW, WK11FW
<b>Blades:</b> WK2-S, WK3, WK24Z-S, WK24ZR-S, WK27M, WK28M, WK6-M	<b>Accessories:</b> WK7, WK8DSM, WK9, WK9B, WK11VEL, WK20, WKGA

Also see Spade Blades  
on Pages 22-23

#### Packaging:

Sturdy Plastic Carry Box

#### Training Package:

User Manual, Online Videos





## E-TOOL™ Starter Kit

### ETK12STR 4 Blade E-Tool STARTER Introduction Kit

This Mobile E-Tool kit is ideal kit for introducing mobile auto glass technicians to the BTB removal system. Contains a small selection of BTB's most used blades and adjustable cutting depth control arms for modern style vehicle glass removals.



#### KIT CONTENTS:

<b>Power Tool:</b> E-Tool, 12V Battery in Carry Bag, Charger	<b>Cutting Depth Control Arms:</b> WK11BW5, WK11FW
<b>Blades:</b> WK2-S, WK4Z-S, WK27M, WK28M	<b>Accessories :</b> WK7, WK8DSM, WK9, WK11VEL, WKGA

**Also see Spade Blades  
on Pages 22-23**

#### Packaging:

Sturdy Plastic Carry Box

#### Training Package:

User Manual, Online Videos

## E-TOOL™ Power Tool with Battery Pack & Charger

### ETK1205 E-Tool with 12 Volt Battery in Carry Bag and 110/240V Smart Charger

Ideal for existing BTB system users who already have cutting blades or a tool kit but would like to use it for mobile / on-road work. Includes power tool, battery pack and charger. No blades included.



#### KIT CONTENTS

<b>Power Tool:</b> E-Tool, 12V Battery in Carry Bag, Charger
<b>Accessories:</b> WKGA
<b>Training Package:</b> User Manual, Online Videos

## E-TOOL™ Power Tool Only

### ETS1200 E-Tool Plus WKGA Tool Accessory Kit

**NOTE:** #ETS1200 power tool is conveniently powered using the #ETS12B5 Battery Pack or **alternate 12 volt power sources (See Page 5)**



#### NOTE!

Very Low vibration levels of BTB's Air Tool and E-Tool help avoid hand / arm vibration injuries.

BTB's Air Tool and **E-TOOL™** have the same blades, blade applications, cutting depth control arms and accessories. See page 17 on for details.

## Body Shop Additional Removal Applications

*Removal of a broken front windscreen is easy. The challenges to auto body repairers are removal and re-installation of unbroken, expensive or encapsulated front, side and rear glasses, panoramic glass roofs and bonded panels. The BTB tool specialises in all applications.*

Gain control of workshop job-flow times by adopting **IN-HOUSE GLASS REMOVAL**.



Powerful tool & strong blades cut tough adhesive to **REMOVE ADHESIVE BONDED PANELS** or panel sections.



Quickly and **SAFELY REMOVE BODY MOULDS**, bump strips, badges, nameplates, decals and emblems. The blade's smooth surface slides freely against a painted panel, resulting in no damage to paint or part.



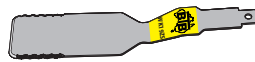
Safely remove difficult and expensive quarter & hatch glasses and **PANORAMIC GLASS ROOF & FRAME ASSEMBLIES** for re-installation.



## Body Shop Application Spotlight - Bonded Roof Removal



- ▶ Remove bonded support beams using **WK24Z-S**



- ▶ Cut wide beads of adhesive using **WK19Z-S**



- ▶ Extend reach to difficult areas with **WK19L-S**



Watch the video of the cutout at [btbtools.com/videos](https://btbtools.com/videos). Click on the Mitsubishi Triton Roof Cut-Out link.

## BTB's Famous Air Powered Cut-Out Tool & Blade System for all Auto Glass and:



- Precision removal of any difficult body shop glass for reinstallation.
- Bonded body panels & parts.
- Mouldings, nameplates & badges.

**Powerful, Precise, Versatile and Reliable**



See the tool in action at [btbtools.com/videos](https://btbtools.com/videos)

**The BTB system allows Auto Body / Collision Repair shops to adopt in-house glass removals and control workshop job flow times.**

### Body Shop Tradesman Kit

#### WKTDM-BX 13 Blade Air Tool TRADESMAN Body Shop Kit

This professional Automotive body shop kit contains the most popular blades needed for the auto body repairer, dealership workshop & auto dismantler/recycler. Includes an assortment of non-serrated & serrated blades. Serrated blades are mostly used for glass and/or panel removal. Non-serrated blades are for removing adhesive fitted side body mouldings, emblems and nameplates without damage to glass, moulding or painted panels.



#### KIT CONTENTS:

<b>Power Tool:</b>	<b>Cutting Depth Control Arms:</b>
WK10HD Heavy Duty Air Tool	WK11AW, WK11BW5, WK11CW, WK11EW, WK11FW
<b>Blades:</b>	<b>Accessories:</b>
WK1-S, WK4, WK4R-S, WK4Z-S, WK4ZR-S, WK24Z, WK24ZVR-S, WK24-S, WK27S, WK27M, WK28S, WK28M, WK6-M	WK7, WK7L, WK8DSM, WK9, WK9B, WK11VEL, WK20, WKGA

**Also see Spade Blades on Pages 22-23**

#### Packaging:

Sturdy Plastic Carry Box

#### Training Package:

User Manual, Online Videos



## Body Shop Starter Kit

### WKSTR-BX 4 Blade Air Tool STARTER Kit

The ideal kit for introducing body repairers to the BTB removal system. Contains a small selection of BTB's most used blades and adjustable cutting depth control arms for modern style vehicle glass removals.



#### KIT CONTENTS:

<b>Power Tool:</b> WK10HD Heavy Duty Air Tool	<b>Cutting Depth Control Arms:</b> WK11BW5, WK11FW
<b>Blades:</b> WK2-S, WK4Z-S, WK27M, WK28M	<b>Accessories:</b> WK7, WK8DSM, WK9, WK11VEL, WKGA

**Also see Spade Blades on Pages 22-23**

#### Packaging:

Sturdy Plastic Carry Box

#### Training Package:

User Manual, Online Videos

## Body Shop Basic Kit

### WKBASIC Basic 4 Blade Toolkit in Cardboard Box

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<b>Blades:</b> WK2-S, WK4Z-S, WK27M, WK28M	<b>Accessories:</b> WK7, WK11VEL, WKGA

**Also see Spade Blades on Pages 22-23**

**Packaging:** Cardboard Box

#### Training Package:

User Manual, Online Videos

## Air Power Tool Only

### WK10HD Air Tool with WKGA Tool Accessory Kit

Includes airline with fitting.



#### NOTE!

All BTB blades are designed for use in the BTB **E-TOOL** or Air Tool and Manual Handles.



See the tool in action at [btbtools.com/videos](http://btbtools.com/videos)

## Bus, Truck, Rail & Heavy Vehicle Applications

***Glass, panel and bonded component removal in large vehicles involves harder and wider beads of adhesive. BTB's robust air tool is designed for heavy duty applications.***

### **CUT FROM OUTSIDE**

with PCK blades or combine inside and outside cuts for large and difficult glasses.



### **CUT FROM INSIDE**

with standard blades for **WIDE, HARD, DOUBLE or HIDDEN ADHESIVE BEADS**



### **REMOVE BONDED PANELS**

or accident damaged panel sections for repair from buses, trains and similar vehicles.



**TRIM** Excess sealant off frames and body panels.



***Specialised blades are available for removing accident-damaged panel sections for repair from Buses, Train and other Transportation vehicles.***



***Designed for heavy duty applications.***

## BTB's Famous Air Powered Glass & Panel Removal Tool

*BTB's Air Tool is small but incredibly powerful and great for everyday jobs, or for prolonged heavy duty use in removal of glass and bonded panels from buses, trains and other similar vehicles.*



### Bus, Truck and Rail Kit

#### WKBTR15-BX 15 Blade BUS TRUCK & RAIL Air Tool Kit

For the bus, truck, rail and commercial industries, this tool kit is suited to removal of adhesive bonded glass and bonded panels on today's transport fleets. The kit includes external and internal cutting blades, as well as blades to easily remove adhesive backfill from between glasses. Adjustable cutting depth control arms regulate cutting depth.



 See the tool in action at [btbtools.com/videos](https://btbtools.com/videos)

#### KIT CONTENTS:

##### Power Tool:

WK10HD Heavy Duty Air Tool

##### Blades:

WK1-S, WK1X, WK2-S, WK4Z-S, WK4Z-R-S, WK4-S, WK5-S, WK27S, WK27M, WK27L, WK28S, WK28M, WK28L, WK6-L, WK6-40

##### Cutting Depth Control Arms:

WK11BW5, WK11DW5, WK11EW

##### Accessories:

WK7, WK7L, WK8DSM, WK9, WK9B, WK11VEL, WK20, WKGA

**Also see Backfill Removal Blades on Page 30**

##### Packaging:

Sturdy Plastic Carry Box

##### Training Package:

User Manual,  Online Videos

Our WKBTR15-BX Kit includes a broad selection of blades for a wide range of removal types.





## Blade Design Summary

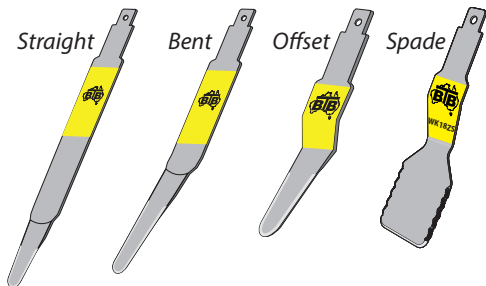
The BTB System incorporates **SIX** basic blade types:

- **Standard Straight Blades**
- **Standard Bent Blades**
- **Standard Offset Z Blades**
- **Standard Spade Blades**
- **Powered Cold Knife Blades**
- **Pinchweld Trimming Blades**

BTB's Power Tools, Control System & Selected Cutting Blades have Registered Patents/Designs Extending Worldwide

### Standard Blades

Straight, Bent, Offset and Spade blades provide for a variety of lengths, flexibility, angles and blade tips.

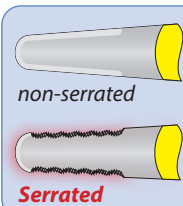


**NOTE:** See colour coding below

### Non-Serrated vs Serrated Tips

**Non-Serrated** blades can be used in all removal applications.

**Serrated** "S" blades provide a faster and more aggressive cut for glass removal.



### Blade Length

Extra blade length may be needed to reach adhesive deep below dashboards or in other long reach applications. However, in general, shorter blades provide more cutting control and a long blade should not be used if a short blade does the job.

### Colour Coding



Yellow

**YELLOW** blades cut with the flat side of the blade tip facing and cutting against the glass surface.



Orange

**ORANGE** reverse blades cut with the flat side of the blade tip facing and cutting against the pinchweld, **underneath** encapsulated glass mould.

**NOTE!**

**ORANGE & BLUE** blades have their cutting tips bent opposite to **YELLOW** blades.



Green

**GREEN** and **BLUE** blades are a double bevelled safety-edge version of **YELLOW** and **ORANGE** blades respectively. See the V blades section on Page 28 for further details.



Blue

### Flexibility

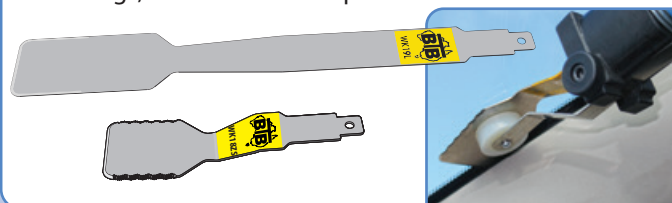
Flexible blades are simply ground thinner, allowing the blade to bend and follow the contour of curved glasses.

### Spade Blades

BTB's Spade blades provide **safe and superior control** with their **40mm wide blade and cutting edge** resting against the glass or panel surface.

**Push them forward** to cut with the wide face or **pull them backward** to cut with the serrated side.

Non-serrated versions are great for removing body side mouldings, emblems & nameplates.



### Powered Cold Knife Blades

BTB's Powered Cold Knife Blades cut out a glass from outside the vehicle the same as a manual cold/pull knife. There is no strain on operator or physical force required because the BTB power tool does all the cutting work, more efficiently and safer for the vehicle and yourself.



**NOTE:**

also available in reverse **Orange** grind for safely removing encapsulated glass.  
Refer Page 29



### Pinchweld Trimming Blades

BTB's exclusive anti-scratch trimming blades can be easily re-sharpened. With their superior quality and robust design they are made to last.



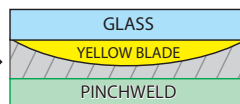
## Straight Blades

### Applications

Straight Blades are designed to cut adhesive very close to glass surface by placing the flat side of blade tip against the glass.

- Mostly used for cutting from inside vehicle,
- Easily reach urethane below dashboards or for long reach applications,
- For extra-long reach applications see WK1X and WK1ZX blades below.

URETHANE



Part / Length	Flexible	C / Arm	Blade Image	Specific Applications
<b>WK1</b> 300 mm		WK11EW		Non-serrated for cutting below deep dashboards & long reach applications.
<b>WK1-S</b> 300 mm		WK11EW	 <i>Serrated</i>	Cutting below deep dashboards & long reach applications.
<b>WK2</b> 240 mm		WK11FW / WK11DW5		Non-serrated for general medium reach cutting.
<b>WK2-S</b> 240 mm		WK11FW / WK11DW5	 <i>Serrated</i>	Medium reach blade and for cutting below dashboards.
<b>WK5</b> 130 mm		WK11DW5	 <i>Serrated</i>	Rigid and non-serrated short general trimming blade.
<b>WK5-S</b> 130 mm		WK11DW5	 <i>Serrated</i>	Rigid serrated short blade ideally suited for backfill adhesive removal in bus/truck/rail glass removals.

## Extra Long Blades

### Applications

These blades may be required in special and extra long reach applications to access adhesive where other blades may not reach.

### NOTE!

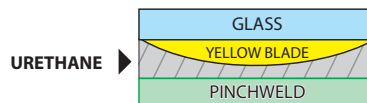
Do not use long blades when a short blade will do. A short blade brings the blade cutting tip closer to the nylon controller cap, resulting in more precise controlled cutting of adhesive.

Part / Length	Flexible	C / Arm	Blade Image
<b>WK1X</b> 380 mm		N/A	
<b>WK1ZX</b> 380 mm		N/A	

## Bent Blades

### Applications

For general use and mostly for cutting from inside vehicle. These blades provide access to adhesive in mid-range reach applications and for curved glass where extra reach is required.



Part / Length	Flexible C / Arm	Blade Image	Specific Applications
<b>WK3</b> 190 mm	WK11DW5 / WK11FW		Semi-rigid non-serrated multi-purpose blade.
<b>WK3-S</b> 190 mm		<b>Serrated</b> 	Semi-rigid serrated multi-purpose blade.
<b>WK4</b> 190 mm			Flexible non-serrated medium reach blade for curved glass applications.
<b>WK4-S</b> 190 mm		<b>Serrated</b> 	Flexible serrated medium reach blade commonly used for curved glass on rear hatch doors.
<b>WK24</b> 240 mm	WK11FW		Flexible non-serrated longer reach blade follows contour of curved glass and cuts hard to reach adhesive.
<b>WK24-S</b> 240 mm		<b>Serrated</b> 	Flexible serrated longer reach blade follows contour of curved glass on rear hatch doors and cuts hard to reach adhesive.





## Offset Z Blades






### Applications

Offset Z blades are mostly used for cutting from inside vehicle using cutting depth control arms to protect painted surfaces. Common applications are top and sides of windscreens and other interior cutting where working close to cutting area is possible and in confined work areas. Interior trims often do not need to be removed.



### TIP

Non-Serrated offset blades can also remove body side mouldings, emblems, decals and nameplates.

Part / Length	Flexible C / Arm	Blade Image	Specific Applications
<b>WK5Z-S</b> 120 mm	WK11AW / WK11BW5	 <b>Serrated</b>	These shorter offset blades are even better for gaining access into confined areas, and are small and compact for use on quarter glasses.
<b>WK4Z</b> 140 mm			Rigid non-serrated short offset blade for precise control. Can also be used to remove body moulds, badges, emblems and decals.
<b>WK4Z-S</b> 140 mm		 <b>Serrated</b>	Rigid serrated short offset blade for precise cutting from inside vehicle, along A-Pillars, top of windscreen and other flat or slightly curved glasses.
<b>WK24Z</b> 150 mm			Short offset blade with longer flexible non-serrated tip for curved glass removals. Can also be used to remove body moulds, badges, emblems and decals.
<b>WK24Z-S</b> 150 mm		 <b>Serrated</b>	Short offset blade with longer flexible serrated tip for curved glass removals.

All BTB Blades are designed for use in the BTB E-Tool, Air Tool and Manual Handles.



## Reverse Blades For Encapsulated or Exposed Edge Glass

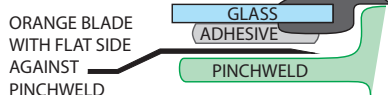
### Applications

**ORANGE** blades are for safe removal of undamaged encapsulated glasses by cutting adhesive against the pinchweld or panel surface from inside vehicle.

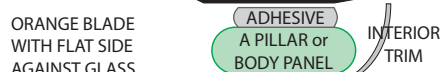
Also great to use from outside vehicle with flat side of blade against exposed edge glass.



#### CUTTING FROM INSIDE VEHICLE ENCAPSULATED GLASS



#### CUTTING FROM OUTSIDE VEHICLE EXPOSED EDGE GLASS



Part / Length	Flexible	C / Arm	Blade Image	Specific Applications
<b>WK5ZR-S</b> 120 mm		WK11AW WK11BW5	 <b>Serrated</b>	These shorter blades are even better for gaining access into confined areas and are small and compact for use on quarter glasses.
<b>WK4ZR-S</b> 140 mm		WK11CW under blade	 <b>Serrated</b>	Rigid short reverse blade for precise control cutting of easy-to-reach adhesive.
<b>WK24ZR-S</b> 150 mm	✓		 <b>Serrated</b>	Flexible short reverse blade for precise cutting and is designed to follow contour of curved encapsulated glass.
<b>WK4R-S</b> 190 mm	✓	WK11CW WK11DW5 WK11FW	 <b>Serrated</b>	Flexible medium reach reverse blade for accessing hidden adhesive and will follow contour of curved encapsulated glass.
<b>WK24R-S</b> 240 mm	✓	WK11CW WK11FW	 <b>Serrated</b>	Flexible serrated longer reverse blade providing extra reach for hidden adhesives on curved encapsulated glasses.

Cut against the Pinchweld from inside, or cut under the edge of exposed glass from outside.



## Offset Spade Blades

**TIP** Great for cutting/separating hidden glass locator pins.



### Applications

For cutting from inside vehicle, these blades provide precise stability and control with their 40mm wide flat surface resting on the glass or panel. These blades use the same depth control arms as other BTB blades.

Part / Length	C / Arm	Blade Image	Specific Applications
<b>WK18Z</b> 140 mm	WK11AW / WK11BW5	<p><b>Serrated</b></p>	<p><b>Offset</b></p> <p><b>Windshields &amp; Glass Removal</b> These blades will cut in either direction either by pushing forward or pulling backward against serrated edges. Their wide tip is also great for separating glass locator pins and remaining adhesive stringers hidden behind black frit/band.</p> <p><b>Body Mouldings, Emblems &amp; Badges</b> The Non-serrated WK18Z &amp; WK19L blades allow quick, simple and damage free removal of mouldings, bump strips, decals and emblems, including thin and delicate nameplates. Their wide, flat, and smooth surface slides freely against a painted panel, causing no damage to paint or part.</p>
<b>WK18Z-S</b> 140 mm		<p><b>Serrated</b></p>	
<b>WK19Z-S</b> 180 mm		<p><b>Serrated</b></p>	





## Flat Spade Blades

### Applications

For cutting from inside vehicle, these blades provide precise stability and control with their 40mm wide flat surface resting on the glass or panel. These blades use the same depth control arms as other BTB blades.



See the spade blades in action at [btbtools.com/videos](https://btbtools.com/videos). Click on the Mitsubishi Triton Roof Cut-Out link.



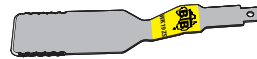
Part / Length	C / Arm	Blade Image	Specific Applications
<b>WK19L</b> 300 mm	<b>WK11EW</b>		<b>Cutting Depth Control</b> <i>Flat</i>
<b>WK19L-S</b> 300 mm			<i>Flat</i>

BTB's exclusive cutting depth control arms also apply to Spade Blades.

## Bonded Roof Removal



- ▶ Remove bonded support beams using **WK24Z-S**



- ▶ Cut wide beads of adhesive using **WK19Z-S**



- ▶ Extend reach to difficult areas with **WK19L-S**



Watch the video of the cutout at [btbtools.com/videos](https://btbtools.com/videos). Click on the Mitsubishi Triton Roof Cut-Out link.



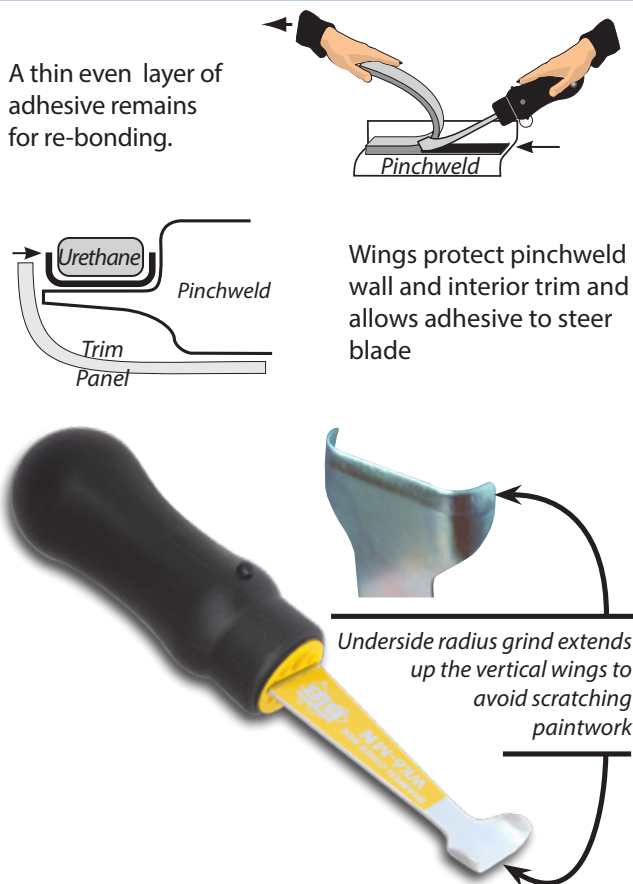
## Non-Scratch Pinchweld Trimming Blades

**BTB's WK6 range of winged non-scratch Pinchweld Trimming Blades allow easy and safe removal of excess adhesive. They have a special and distinct radius grind cutting edge to the underside, extending up the vertical wing on each side, which avoids any damage to painted pinchwelds, including the vertical pinchweld wall, and which leaves a thin even layer of adhesive on the pinchweld for re-bonding.**



- **Easily re-sharpened**
- **Superior quality and robust design**
- **Made to last**

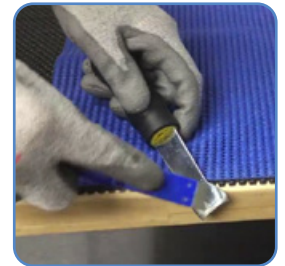
### How These Blades Work



### Sharpening BTB WK6 Blades

 Visit [btbtools.com/videos](https://www.btbtools.com/videos) and click on the WK6 Blade Sharpening link.

BTB Non-Scratch Pinchweld Trimming blades are radius-sharpened underneath. Only re-sharpen the underside using BTB's WK8DSM diamond hone sharpening stone. SHARPEN OTHER SIDE is printed on these blades, leaving the top side/face as a non-bevelled flat sharp edge. De-burr the top flat face after sharpening if needed.



These blades must be efficiently sharp from the tip of one wing across to the other wing tip. When maintained and used correctly, these innovative blades should never scratch paintwork.

### Other Applications

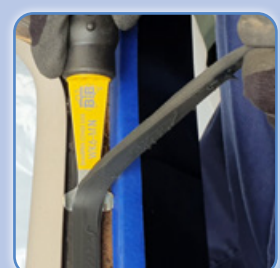
WK6 blades are excellent for removing urethane embedded with shattered glass.

Auto Body repairers can use these for body deadener, hemlock and seam seals.

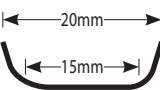

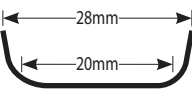

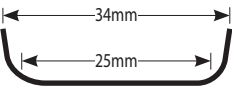





### Made to Last!

Keep sharp using BTB's WK8DSM Sharpening Stone





## Regular Profile Trimming Blades

Part / Width	Blade Image	Specific Applications
<b>WK6-S</b> 	 <i>Regular Profile</i>	This blade is best suited for trimming narrow beads of bonding adhesive.
<b>WK6-M</b> 	 <i>Regular Profile</i>	This blade covers most pinchweld trimming applications.
<b>WK6-L</b> 	 <i>Regular Profile</i>	This blade is best suited to trimming wider beads bonding adhesive.
<b>WK6-40</b> 	 <i>Regular Profile</i>	The <b>WK6-40</b> blade is great for trimming wide adhesive beads on buses and trains
★ Easily re-sharpened ★ Superior quality and robust design ★ Made to last		

## Regular Profile Trimming Blade Kits

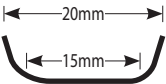

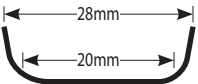

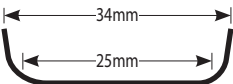



These pinchweld trimming sets cater for ALL of your adhesive trimming requirements.

Part / Width	Blade Image	Kit Contents
<b>WK6-SET</b> 4 Blade Set	 <i>Regular Profile</i>	<b>Blades:</b> WK6-S, WK6-M, WK6-L, WK6-40 <b>Accessories:</b> WK7, WKKEY
<b>WK6-KIT</b> 4 Blade Set in Storage Toolbag	 <i>Regular Profile</i>	<b>Blades:</b> WK6-S, WK6-M, WK6-L, WK6-40 <b>Accessories:</b> WK7, WKKEY
<b>Blade Lengths: 115mm</b>		





## Narrow Profile Trimming Blades

These narrow profile blades provide better clearance when working up closely against the raised section on vehicle Roof Panels, A-Pillars and Trims/Fittings.





Part / Width	Blade Image	Specific Applications
<b>WK6-SN</b> 	 <b>Narrow Profile</b>	This blade is best suited for trimming narrow beads of bonding adhesive.
<b>WK6-MN</b> 	 <b>Narrow Profile</b>	This blade covers most pinchweld trimming applications.
<b>WK6-LN</b> 	 <b>Narrow Profile</b>	This blade is best suited to trimming wider beads bonding adhesive.
<b>WK6-40N</b> 	 <b>Narrow Profile</b>	The <b>WK6-40N</b> blade is great for trimming wide adhesive beads on buses and trains
<b>Blade Lengths: 115mm</b>		

## Narrow Profile Trimming Blade Kits

These pinchweld trimming sets cater for ALL of your adhesive trimming requirements.

Part / Width	Blade Image	Kit Contents
<b>WK6-N-SET</b> <b>4 Blade Set</b>	 <b>Narrow Profile</b>	<b>Blades:</b> WK6-SN, WK6-MN, WK6-LN, WK6-40N <b>Accessories:</b> WK7, WKKEY
<b>WK6-N-KIT</b> <b>4 Blade Set in Storage Toolbag</b>	 <b>Narrow Profile</b>	<b>Blades:</b> WK6-SN, WK6-MN, WK6-LN, WK6-40N <b>Accessories:</b> WK7, WKKEY
☆ Easily re-sharpened ☆ Superior quality and robust design ☆ Made to last		

## Flat Pinchweld Trimming Blades

Part / Width	Blade Image	Specific Applications
<b>WK6-20N</b> Width: 20 mm	 <i>Narrow Profile</i>	Like the winged blades the flat the <b>WK6-20N</b> and <b>WK6-25N</b> blades include an underside radius grind. They are good for general trimming applications.
<b>WK6-25N</b> Width: 25 mm	 <i>Narrow Profile</i>	
<b>WK6-40</b> Width: 40 mm	 <i>Regular Profile</i>	The <b>WK6-40</b> and <b>WK6-40N</b> blades are great for trimming wide adhesive beads on buses and trains.
<b>WK6-40N</b> Width: 40 mm	 <i>Narrow Profile</i>	

**Blade Lengths: 115mm**

## Long Pinchweld Trimming Blade

Part / Width	Blade Image	Specific Applications
<b>WK6-MXN</b> 	 <i>Narrow Profile</i>	These blades provides longer reach and greater clearance.

**Blade Length: 150mm**

All BTB Blades are designed for use in the BTB E-Tool, Air Tool and Manual Handles.

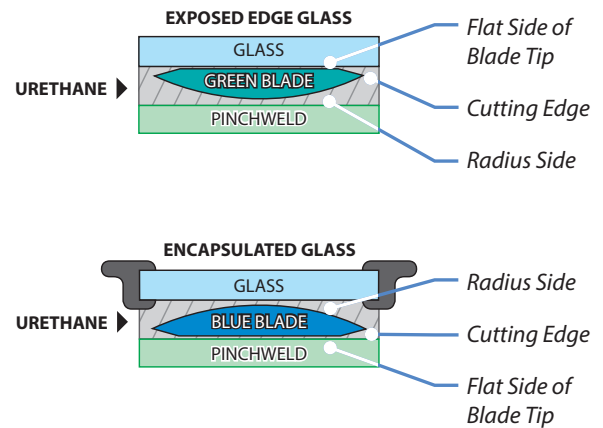


## V & VR Safety Edge Blade Design

As with the **YELLOW** and **ORANGE** blades, the flat side of these blades also steer toward the glass or panel. However, BTB's exclusive V (**GREEN**) & VR (**BLUE**) blades have the cutting edge suspended a small distance away from the flat surface to avoid potential damage to the painted surface or softer material panels (aluminium, fibreglass, polycarbonates). These surfaces are not flat and hard like glass, and often have high or low areas (panel joins, lap-overs or spot-welds). Like all BTB blades, the operator must select the blade that will allow the flat side of the cutting tip to face and hug the surface that you want to cut against.

### Part Numbering

Safety Edge blades have a V in their part number to identify them as Safety Edge Blades. eg. WK4ZV-S, WK24ZVR-S.







## V & VR Safety Edge Blades

### Applications

The V **GREEN** label **WK24ZV-S**, **WK24ZV** (flexible) blades are a safety edge version of their equivalent **YELLOW** blades. They cut with the flat side against the glass. See the Offset Z Blades section on page 20.

The VR **BLUE** label **WK4ZVR-S** (rigid) and **WK24ZVR-S** (flexible) blades are a safety edge version of their equivalent R **ORANGE** blades. See Reverse Blades For Encapsulated or Exposed Edge Glass on page 21. They will safely remove undamaged encapsulated glass without scratching paintwork while still cutting close to the pinchweld. **BLUE** blades should be introduced into the adhesive with the flat side against the pinchweld.



Part / Length	Flexible C / Arm	Blade Image	Specific Applications
<b>WK4ZVR-S</b> 140 mm	WK11CW	 <b>Serrated</b>	Rigid serrated short blade used for cutting against pinchweld from inside vehicle in flat or slightly curved encapsulated glass removal applications.
<b>WK24ZVR-S</b> 150 mm		 <b>Serrated</b>	Flexible serrated short blade used for cutting against pinchweld from inside vehicle in curved encapsulated glass removal applications.
<b>WK24ZV-S</b> 150 mm	WK11BW5	 <b>Serrated</b>	Flexible serrated tip for removal of curved glasses and for cutting against softer materials.
<b>WK24ZV</b> 150 mm	WK11AW / WK11BW5	 <b>Serrated</b>	Flexible non-serrated short blade for removal of body moulds and emblems from concave panel surfaces.



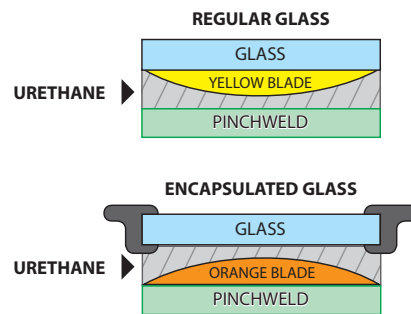
## Powered Cold Knife Blades

### Applications

BTB's Powered Cold Knife Blades cut underneath the glass edge **from outside the vehicle** for a fast cut-out similar to a manual cold/pull knife. However, there is no physical force, strain on operator or pressure on glass, because the BTB power tool does all the cutting work, more efficiently and far safer for the vehicle and yourself. Due to the reciprocating **in-line** blade action, these thin and smoothly polished blades can operate between most close fitted glass and pinchwelds without damage to painted pinchweld wall.

Reverse profile R **ORANGE** blades are for saving expensive encapsulated glasses. They are designed to cut with the flat side of the blade against the pinchweld of vehicle body panel and underneath the encapsulated moulding. Also can be used to assist in the removal of panoramic roof glass / frames.

### CUTTING FROM OUTSIDE OF VEHICLE



### TIP

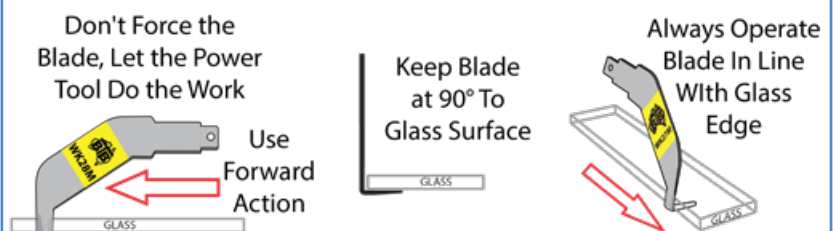
1. Always start using the shortest blade tip available, then progress to longer blade tip if required.
2. If the adhesive is set further back from the glass edge, BTB recommends an internal cut method using Standard Straight, Offset or Bent blades **OR** if exposed edge glass, use WK4ZR-S reverse blade from outside vehicle **as shown on page 21**.

Part / Tip Length				Blade Tip Direction
<b>WK27S</b> 19 mm	<b>WK27M</b> 25 mm	<b>WK27L</b> 30 mm	<b>WK27XL</b> 45 mm	<b>WK27 »</b> tip facing left 
<b>WK28S</b> 19 mm	<b>WK28M</b> 25 mm	<b>WK28L</b> 30 mm	<b>WK28XL</b> 45 mm	
				<b>WK28 »</b> tip facing right 

Part / Tip Length	Application
<b>WK27RM</b> 25 mm	Reverse R <b>ORANGE</b> blades have the flat side of cutting tip down and <b>cut underneath the encapsulation</b> from outside the vehicle.
<b>WK28RM</b> 25 mm	



### Correct Use



## Adhesive Backfill Removal Blades

### Applications

Backfill removal blades are used to quickly remove adhesive backfill from between panel & glass edges and are excellent for buses, trains, RVs, marine (including decking removal) and a range of other backfill removal applications.



WK5-S Blade

Part / Length	Blade Image	Cutting Technique
<b>WK5-S</b> 130 mm	<p><i>Serrated</i></p>	

Part / Channel	Blade Image	Cutting Technique
<b>WK17-6</b> 6 mm		
<b>WK17-4</b> 4 mm		



WK17 Blade


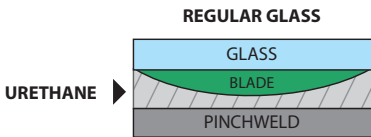

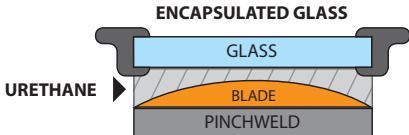
Quickly remove adhesive backfill from between panel & glass edges on buses, trucks and trains.



## Oscillating Bent Blades

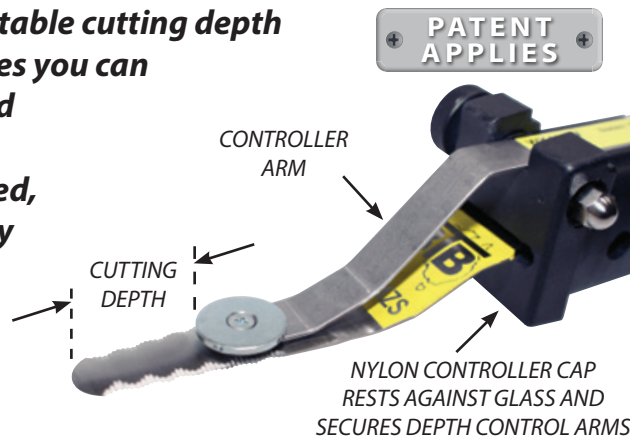
BTB's oscillating blades are thinner and cut easier than most standard profile oscillating blades. The blades follow the contour of the glass and allow the longer blades to flex slightly to ensure the blade is cutting against the glass surface minimising risk of damage to interior trims and fittings.

- ★ All oscillating blades will fit all standard 12 point hex electric and air powered oscillating tools.
- ★ Use of an approved lubrication or water is recommended to keep blades cool and to provide a smoother cutting action.
- ★ Re-sharpen blades regularly for best results.

Part / Blade Length		Specific Applications
<b>OHB120</b> 130 mm	 <p><i>Regular Bend</i></p>	<p>These oscillating blades should be used with their flat side on the glass surface.</p> 
<b>OHBR120</b> 130 mm	 <p><i>Reverse Bend</i></p>	<p>Reverse bend blades are commonly used for safe removal of encapsulated glass, designed to cut away from the glass and against the pinchweld.</p> 

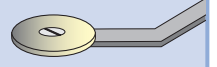


**BTB's patented adjustable cutting depth control system ensures you can cut with precision and confidence and only cut as deep as required, avoiding unnecessary damage to the pinchweld, blade, mouldings or glass.**

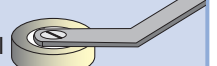


## CONTROLLER ARM WHEELS

Controller Arms with the **THIN** 1mm wheel are designed to roll smoothly along uneven (in and out) urethane surfaces.

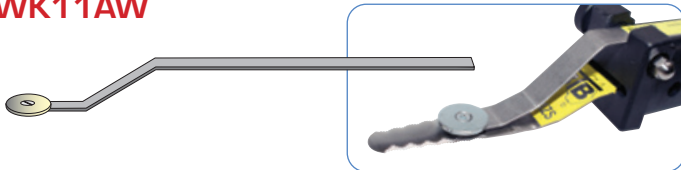


Controller Arms with the **THICK** nylon wheel are designed to roll along A-pillar trim, soft headliner or vehicle body panel.

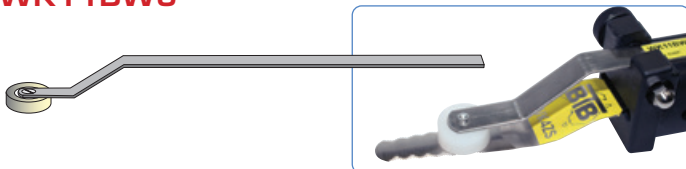


## Controller Arms For Offset Z Blades

### WK11AW

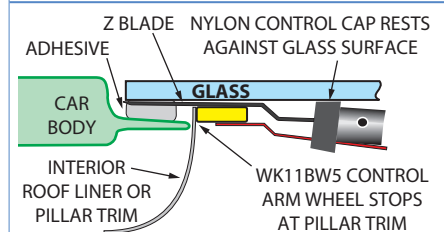
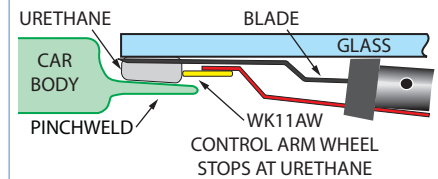


### WK11BW5



#### Blades:

WK4Z,  
WK4Z-S,  
WK24Z,  
WK24Z-S,  
WK5Z-S,  
WK5ZR-S,  
WK18Z,  
WK18Z-S,  
WK19Z-S,  
WK24ZV,  
WK24ZV-S.



## Controller Arms For Reverse Blades

### WK11CW



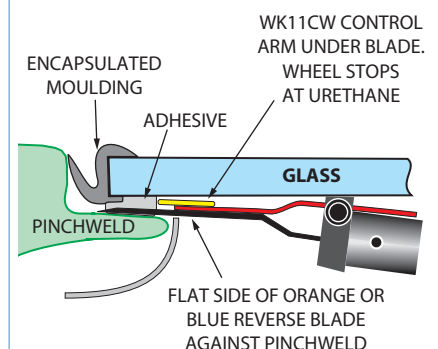
While cutting against pinchweld (**not against the glass**), use the WK11CW control arm underneath all **ORANGE** and **BLUE** reverse blades, to provide support to reciprocating blade and avoiding flapping.

**IMPORTANT!**

#### For Blades:

Long end for:  
WK24ZR-S,  
WK24ZVR-S,  
WK24R-S.

Short end for:  
WK4ZR-S,  
WK4ZVR-S,  
WK4R-S.



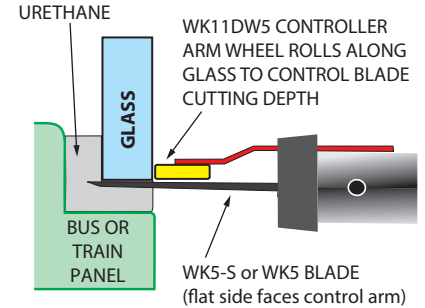
## Controller Arm For Short Straight Blades

### WK11DW5



#### For Blades:

WK2, WK2-S,  
WK3, WK3-S,  
WK4, WK4-S,  
WK4R-S,  
WK5, WK5-S,



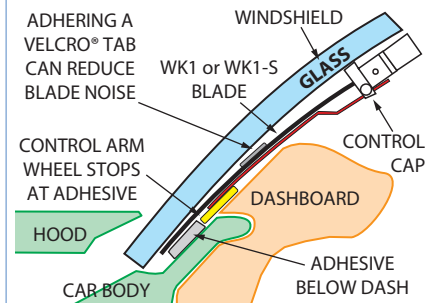
## Controller Arms For Long Blades

### WK11EW



#### For Blades:

WK1,  
WK1-S,  
WK19L,  
WK19L-S.



## Controller Arm For Mid-Length Straight & Bent Blades

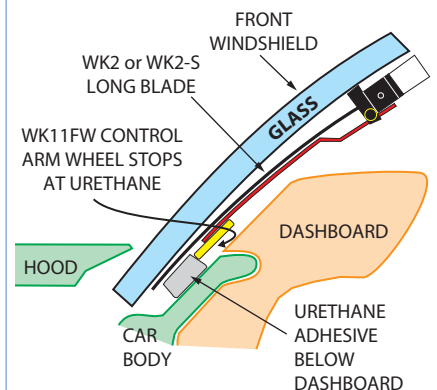
### WK11FW



#### For Blades:

Long end for:  
WK2, WK2-S,  
WK24, WK24-S,  
WK24R-S.

Short end for:  
WK3, WK3-S,  
WK4, WK4-S,  
WK4R-S.



## Tool Kit Accessories

### WKGA KIT ACCESSORY PACK

The WKGA kit is included with every BTB power tool.



### ACCESSORY COMPONENTS

**WKKEY**  
4mm Allen Key



**SPB34-5**  
Saw Guide



**WK100B**  
Oil Bottle with Oil



**SPB33F**  
Flat Nose Grub Screw



for use with air body saw blades

**WK620**  
24 TPI Body Saw Blade - Pkt 5



**WK630**  
32 TPI Body Saw Blade - Pkt 5

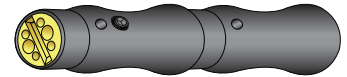


### MANUAL HANDLES (for all blades)

**WK7**  
Manual Blade Handle



**WK7L**  
Manual Blade Double Handle



### KIT COMPONENTS

**WK20**  
Plastic Paddle/Lever Tool



**WK8DSM**  
Diamond Grit Blade Sharpening Stone



**WK11VEL** VELCRO® Brand  
Self Adhesive Round Pads - Pkt 25



**WK9**  
Cutting Lubricant Spray Bottle with Adjustable Nozzle



**WK9B**  
Cutting Lubricant Concentrate Bottle for reserve supply



### TOOL KIT PACKAGING

**WKBX**  
Replacement Tool Kit Box

**NOTE:** Includes blade holder



**WKBX-NBH**  
Replacement Tool Kit Box

**NOTE:** No blade holder



**WK6-TB**  
WK6-Set Tool Bag





## E-TOOL™ Accessories

### E-TOOL BATTERIES

#### ETS12B5 12 Volt 6Ah Battery in Carry Bag

**NOTE:** #ETS12B5 must be charged with #ETSCAC Charger.



#### ETSB5 12 Volt 6Ah Replacement Lead Acid Battery

**NOTE:** Upgrade available to Lithium Iron batteries (Australia only)



### E-TOOL BATTERY CHARGER AND AC POWER SUPPLY CORDS

#### ETSCAC Battery Smart Charger

Includes an AC power supply cord. Please specify your preferred country-specific power supply cord when ordering.

**NOTE:** #ETSCAC is used to charge ETS12B5, not ETSB5.



Use only AC or pure sine wave input.

#### COUNTRY-SPECIFIC AC POWER SUPPLY CORD

##### ETSCACAU



##### ETSCACUK



##### ETSCACUS



##### ETSCACEU



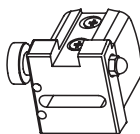
## E-TOOL™ & AIR TOOL Spare Parts, Servicing & Repairs

For **E-TOOL™** and WK10HD servicing and repairs please contact your BTB supplier.

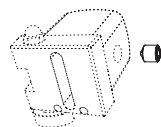
### NYLON CONTROLLER CAP PARTS (SUIT BOTH WK10HD AIR TOOL AND **E-TOOL™**)

#### SPB34K Nylon Controller Cap Assembly

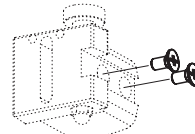
Includes 2 x SPB32



#### SPB33 Cone Point Blade Chuck Screw



#### SPB32 Controller Cap Screw (each)



#### SPB28BK WK10HD Air Hose Assembly with Fittings



For other WK10HD Air Tool and **E-TOOL™** spare parts see the respective user manuals which are available at <https://btbtools.com/support>

# BTB AUTO GLASS & BODY SHOP TOOLS

BTB Auto Glass & Body Shop Tools is a Division of ALP OZ Auto Moulds Pty Ltd (ABN 24 613 608 094)



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Victoria Australia

Visit [btbtools.com](https://btbtools.com) for technical training and support



User Manuals

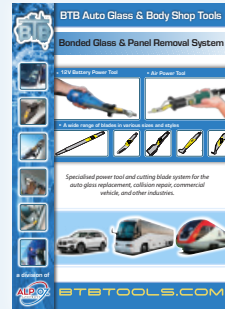


Training Videos



Training information  
and videos are also  
available at

[btbtools.com/videos](https://btbtools.com/videos)



Catalogue

Visit our online shop with over 1500 tools, consumables and moulds  
dedicated to the auto glass & collision repair industries.

Online shop orders can only be shipped within Australia. International customers please contact your nearest BTB agent or contact us direct.



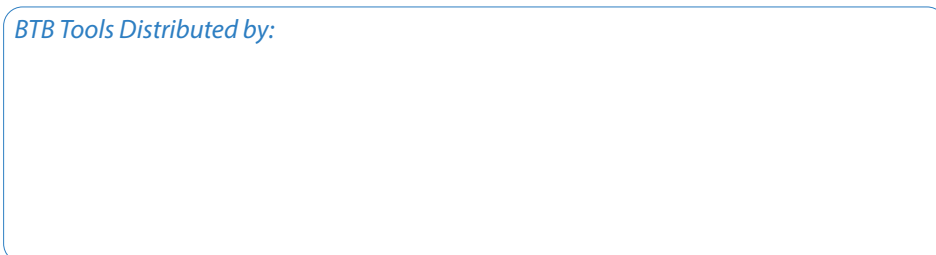
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