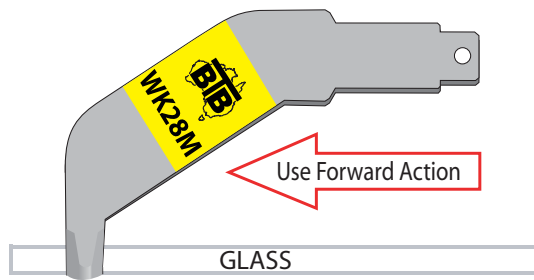




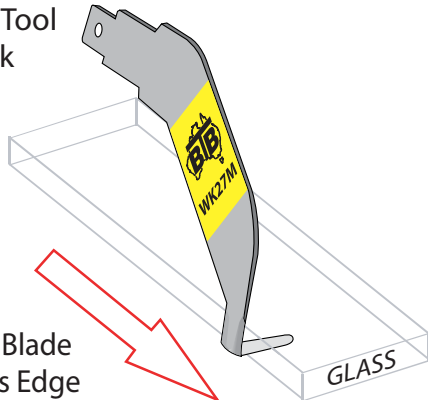
## WK27 & WK28 POWERED COLD KNIFE BLADES RECOMMENDED OPERATION



### CORRECT



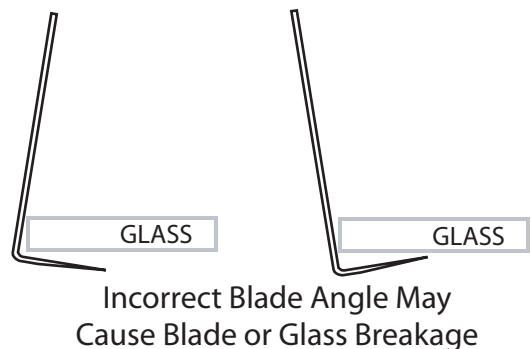
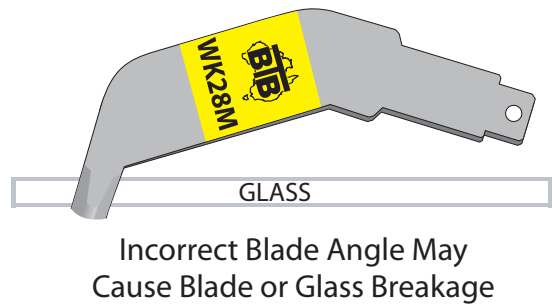
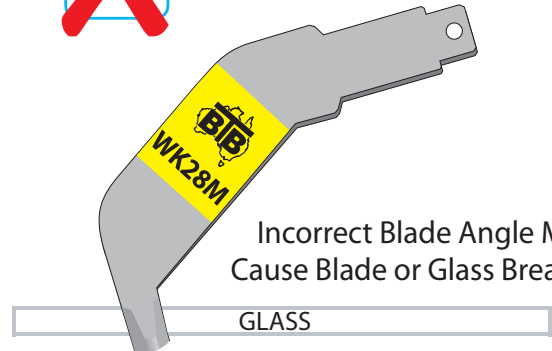
Don't Force the Blade,  
Let the Power Tool  
Do the Work



Always Operate Blade  
In Line With Glass Edge



### WRONG



### WK27 Blades (Left Facing Blade Tip)

#### Regular Grind (YELLOW)

<b>WK27S</b>	19mm (¾") tip
<b>WK27M</b>	25mm (1") tip
<b>WK27L</b>	30mm (1¼") tip
<b>WK27XL</b>	45mm (1¾") tip

#### Reverse Grind (ORANGE)

<b>WK27RM</b>	25mm (1") tip
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### WK28 Blades (Right Facing Blade Tip)

#### Regular Grind (YELLOW)

<b>WK28S</b>	19mm (¾") tip
<b>WK28M</b>	25mm (1") tip
<b>WK28L</b>	30mm (1¼") tip
<b>WK28XL</b>	45mm (1¾") tip

#### Reverse Grind (ORANGE)

<b>WK28RM</b>	25mm (1") tip
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## WK27 & WK28 POWERED COLD KNIFE BLADES RECOMMENDED OPERATION

**THE GENERAL PRINCIPLES OF USING A MANUAL COLD KNIFE ALSO APPLY TO USING THE BTB POWERED COLD KNIFE BLADES, EXCEPT THAT THE BTB POWER TOOL DOES THE WORK FOR YOU!!**

1. Apply protective tape to the vehicle paintwork if necessary
2. Ensure that blade cutting edges are sharp at all times
3. If required, cut any excess urethane away from external glass edge using a WK5 or WK5-S trimming blade
4. Apply ample cutting lubrication to the cutting area on the external and internal sides of the glass
5. Fit WK27 or WK28 blade into the BTB WK10HD air power tool or E-Tool™ battery power tool
6. Similar to a manual cold knife, identify a blade entry point and insert the blade tip under the glass edge. If necessary, turn the power tool to low power and use the power tool to assist entry under the glass

Note: Ensure there is enough space between the glass edge and vehicle body to enter the blade tip. If there is not enough space to enter the blade, you can often insert blade tip under the glass edge at an angle, then rotate under glass edge. This is usually done at the corner of the glass. If this is not possible, you may have to cut from inside the vehicle using a BTB internal cutting blade, or create a starting point from inside to then allow insertion of a WK27 or WK28 blade from outside. Do Not apply excessive pressure/force to the blade

7. While cutting, it is important to keep the power tool and blade tip parallel to the glass surface and steer both along the line of the glass edge. Do not force or twist the blade. For best results, allow the power tool to do the work whilst applying light pressure to steer the blade in a forward motion away from the operator
8. When cutting hard urethane, maintain regular cutting lubrication and use a shorter tipped blade then with progressively longer tip blades as required
9. If the urethane is extremely hard to cut and/or the glass edge is too close to the pinchweld, it is recommended to use BTB's internal blade cutting method
10. The **WK11PP** paint protector arm stops the side of the blade touching pinchweld wall and also stops the blade tip touching the paint when approaching the corner of a square glass. If not using the WK11PP, you can reduce tool power and take extra care when needed. If necessary, cut the adhesive at difficult corners from inside the vehicle using BTB internal cutting blades
11. The **REGULAR (YELLOW)** WK27 and WK28 blades operate from the external side of exposed edge glass (no moulding or removable moulding) and the blade tip will steer toward and hug the under-side glass surface. The encapsulation of a damaged encapsulated glass can be capped/removed using BTB's WK6 pinchweld blades, allowing the use of the Yellow WK27 & WK28 blades to cut between glass and under-side of encapsulation. They can sometimes also be used from inside the vehicle on selected installations (e.g. encapsulated glass with no external access, where the blade tip will hug the pinchweld surface)
12. The **REVERSE (ORANGE)** WK27RM & WK28RM blades are used to remove glass with non-removable encapsulated mouldings. The reverse grind tip on these blades will steer away from the moulding to avoid cutting into the encapsulated moulding
13. The WK27 (**left** facing blade tip) and WK28 (**right** facing blade tip) cutting blades are available in optional cutting tip lengths, "S" Short 19mm ( $\frac{3}{4}$ " ), "M" Medium 25mm (1"), "L" Long 30mm ( $1\frac{1}{4}$ " ) and "XL" Extra Long 45mm ( $1\frac{3}{4}$ " ). The "L" and "XL" blades have a taller profile to cater for bus and train applications or where the vehicle A-pillar or pinchweld wall is excessively high above the glass surface
14. The WK27 and WK28 blades can sometimes also be used in WK7 and WK7L manual handles for cutting soft adhesives and sealants