



## BTB BLADE SELECTION QUICK REFERENCE

Although BTB has blades for almost any auto glass removal application, this quick reference guide will help you get started using our WK10HD auto glass removal tool. Once you gain experience with these blades you can make educated choices on which of our more specialised blades to use.



## Glass Removal Procedures

Firstly look at the vehicle/glass. A procedure is as simple as cutting from where you have access to the urethane (from either inside or outside of vehicle) and if the glass is encapsulated or not. Determine firstly where you have access to the urethane (inside/outside), then secondly if the glass has a moulding (if there is one), whether the moulding is applied (removable) or encapsulated (non-removable), thirdly if the glass is flat or curved. It's a simple process either identifying which of the steps below to follow, or eliminating the ones not to follow.

**Cutting below the dashboard** is basically the same for the most vehicles, use a long blade **WK1, WK1-S, WK2 or WK2-S blade** (depending on which blade you have in your BTB toolkit) to cut the section below the dashboard, remembering that the flat side of the blade should be facing the glass. If the bottom section of the windshield is encapsulated, use the blade in reverse so that the flat side faces the pinchweld. Use a WK1X blade for extra reach.

### **For top and sides of the windshield or any other glasses:**

If you **DO** have access to the urethane from outside the vehicle:

- If there is no encapsulation on the glass, a **WK27 or WK28 (YELLOW)** Powered Cold Knife blade should do the entire top and sides cut, as these blades cut against the inner surface of the glass
- If the glass has a soft encapsulated mould, a **WK27R or WK28R (ORANGE)** may do the entire cut as these reverse blades steer away from glass encapsulation and toward pinchweld, avoiding cutting the encapsulated moulding

OR, If you **DO NOT** have access to the urethane from outside the vehicle, it becomes an inside cut:

- If there is no encapsulation on the glass, use either a **WK4Z or WK4ZS (flat glass)** or **WK24Z or WK24ZS (curved glass)**. If either of these blades are too short, use a **WK4 (or WK4-S)** or **WK24 (or WK24-S)** which are longer versions of the same blades.
- If the glass is encapsulated, use a **WK4ZRS or WK4ZVRS (flat glass)** or **WK24ZRS or WK24ZVRS (curved glass)**. If either of these blades is too short, use a **WK4RS or WK24RS (longer versions of the same blades)**

Use the relevant BTB cutting depth control arm if you need to control cutting depth.

To remove the urethane left on the vehicle body after the cut-out, use one of BTB's "winged" WK6 pinchweld scraper blades either in a BTB **WK7** manual handle (or in the BTB power tool if excessively hard urethane).