

## LOCATING THE BEAD LOCK TUBE VALVE STEM HOLE TIPS

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This tip covers locating the bead lock tube valve stem hole.

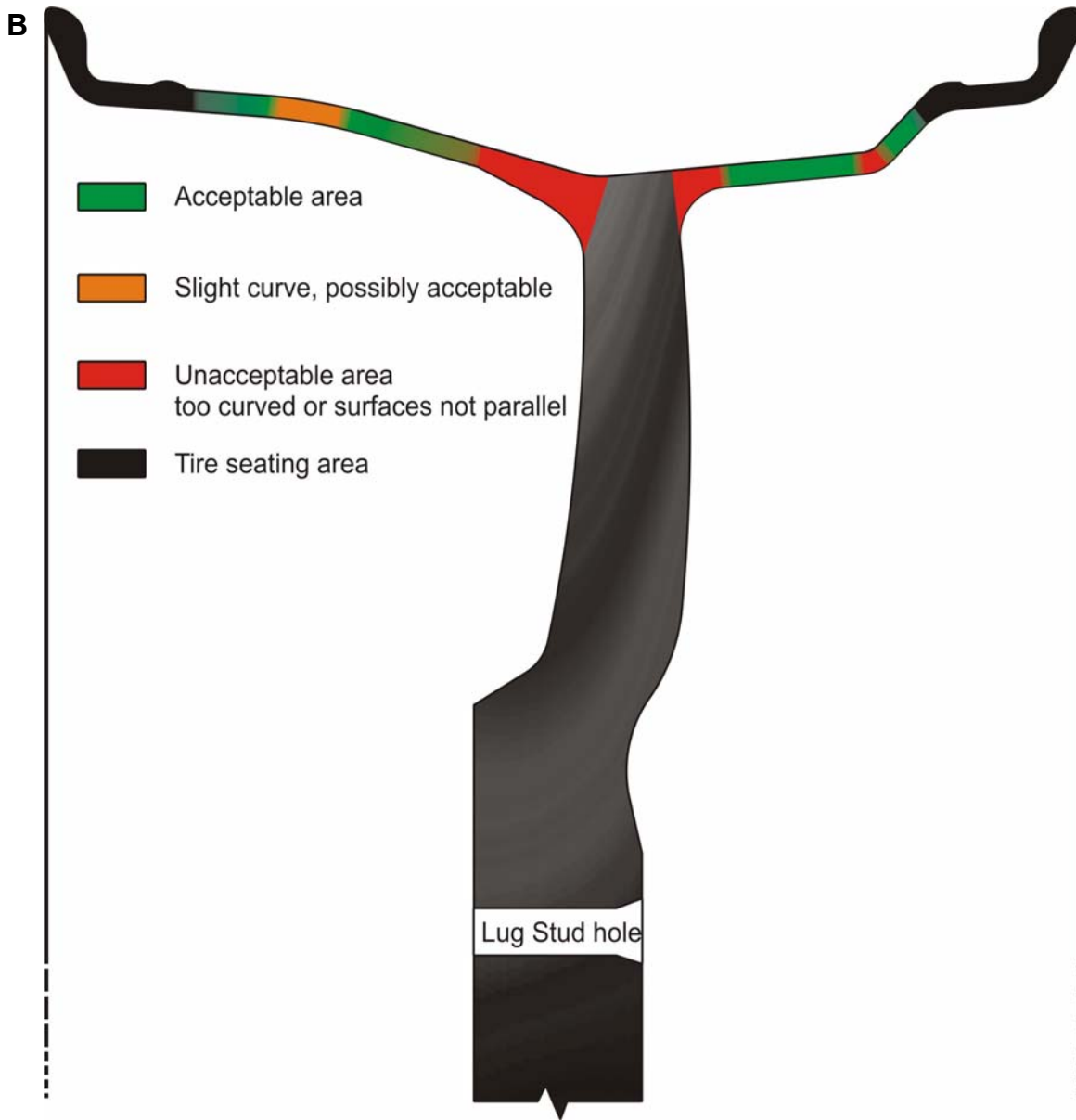
The first step in installing your bead locks is to select where to drill the hole for the bead lock tube valve stem. It should be located within 6 to 8 inches, left or right, of the standard valve stem hole and inboard as shown.

**A)** To determine the “perfect” tube valve stem hole location, put the tube on the flat lying wheel, valve stem up (toward the outside), about 6 to 8 inches left or right of the standard valve stem hole, then inflate the tube to take shape, but do not over inflate. Valve stem distortion is expected. Center the tube on the wheel, then mark the valve stem location. Finally, “optimize” the location to accommodate your wheels as described in the next paragraph.



**B)** The valve stem hole requires that both the outer and inner (air side) wheel surfaces be parallel and not too curved as shown in this drawing. Also, the wheel should be no thicker than 0.4375 inches.

**IMPORTANT:** Before considering drilling a hole on the inside (brake side) of the wheel, be completely sure that there will be **no** interference between the brake caliper, disk or drum and the bead lock tube valve stem. With a 1 inch piece of regular wood pencil or similar dowel, stick it with chewing gum to the potential hole location on the wheel. Rotate the wheel to make sure that it does not interfere with the brakes of other inboard components and that you can get a standard air chuck and gauge on the stem. Try all four positions.



C) Another option is to weld up the original valve stem hole and locate both valve stems inside as seen in this moon buggy rock crawler application.

