

# AIR CHANNEL CONTOURING

By Harry Lewellyn, 090203

Wheel contours vary and hence the air channel may need custom shaping to avoid damaging it. When you tighten without contouring, you may tear the metal valve stem out of the white air channel pouch

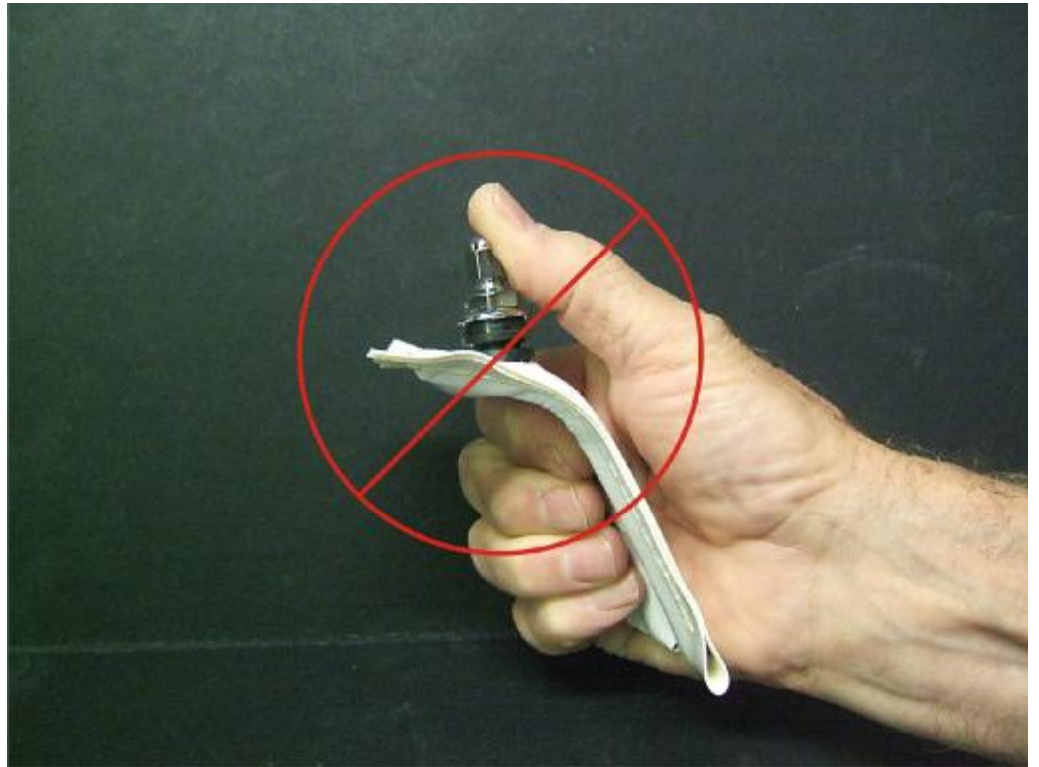
This is a picture of a typical valve stem hole location. Note how the air channel neither lies flat against the valve stem hole nor parallel to where the tire bead will be. Air channel "shield" removed for photo clarity.



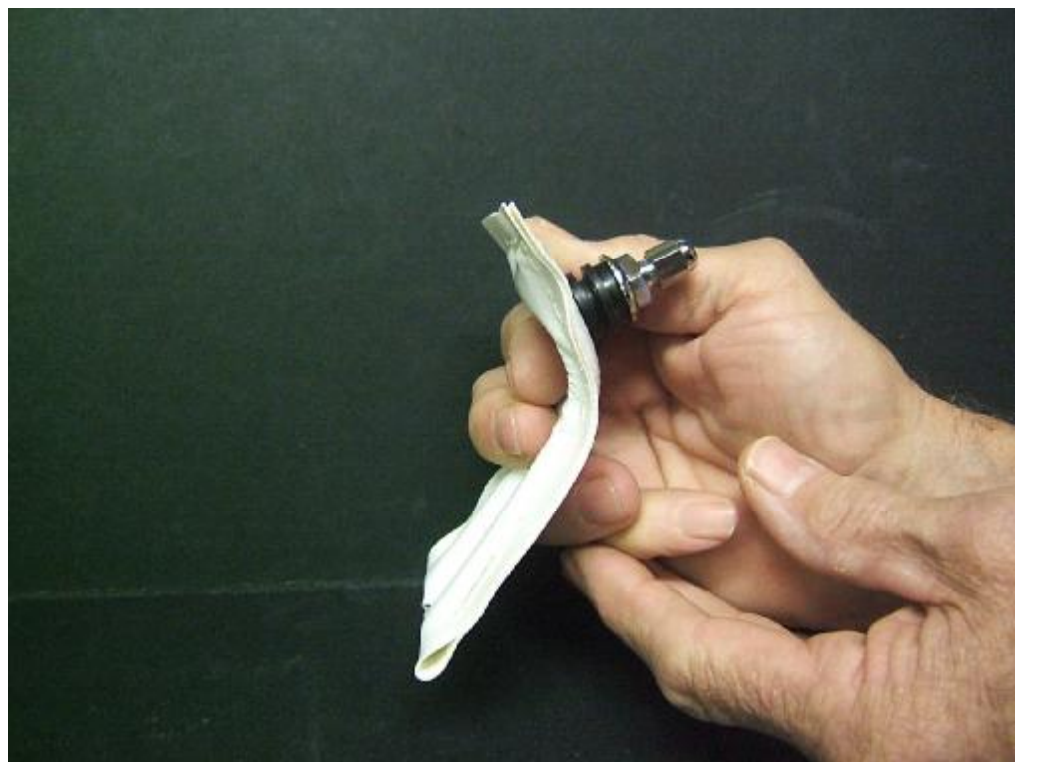
Your objective is to put a little custom bend into the air channel to fit the contour of your wheel as shown.



Do not use the valve stem for leverage to bend the air channel. You can tear it out of the pouch.



Using both hands (one hand shown for photo clarity), bend the air channel to fit your wheel's contour.



Finally, pay particular attention to centering the grommet in the valve stem hole. Misalignment leads to tire air leaks. Typically, just a little Windex or water to lubricate it makes it slip in perfectly.

And do be aware that we provide two grommets of different sizes. Use the size that fits your wheel's hole and discard the other.



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