

## Articles

### VAG Throttle Body Conversion (Mi16) | by **chriswhite**

#### Introduction:

This article describes how to swap the standard throttle body for a VAG 2.8 V6 throttle body (36% larger choke area). Article uses a VAG A4/A6/Golf VR6 2.8 V6 throttle body, fitting to a Citroen BX16v (Mi16).

Lots of pics taken with Camera Phone - sorry about this, but a picture means a thousand words!

I take no responsibility for damage caused by this article, it is only a guide for the modification.

All modifications should be declared to your insurance company.



VAG throttle body in place

#### First stage of the job:

**Clearance for the larger choke butterflies needs to be made!**

**Make a cardboard template - this can be done by pressing it onto the new throttle lightly, then cutting out the indentaion left on the card.**



**Line up template with mounting holes, then mark manifold using marker/ scribe.**



**Use a rotary hand tool (in this case a Dremel-Multi) with a boring tool to remove majority of metal.**



**This is the bored opening nearly to size.**



**Use a stone grinding attachment, then fine finishing tool to get an exact fit to new throttle.**



**Holding the throttle up to the manifold and placing two bolts through the holes to line it up will show where excess metal needs removing.**



**Next Stage:**

**Very little needs to be done to the new throttle body - simply swap the throttle switch with the Mi16 one. Ensure contacts operate when throttle is closed - listen for "click".**

**Mounting points (now redundant, usually for Audi air box) can be removed.**

**Vacuum take off point and breather connector (manifold side) can be sealed using liquid metal.**



**Standard air pipe can be utilised with little problem - use pan of hot water to soften rubber, then stretch over existing gromit on new throttle.**



**Last stage:**

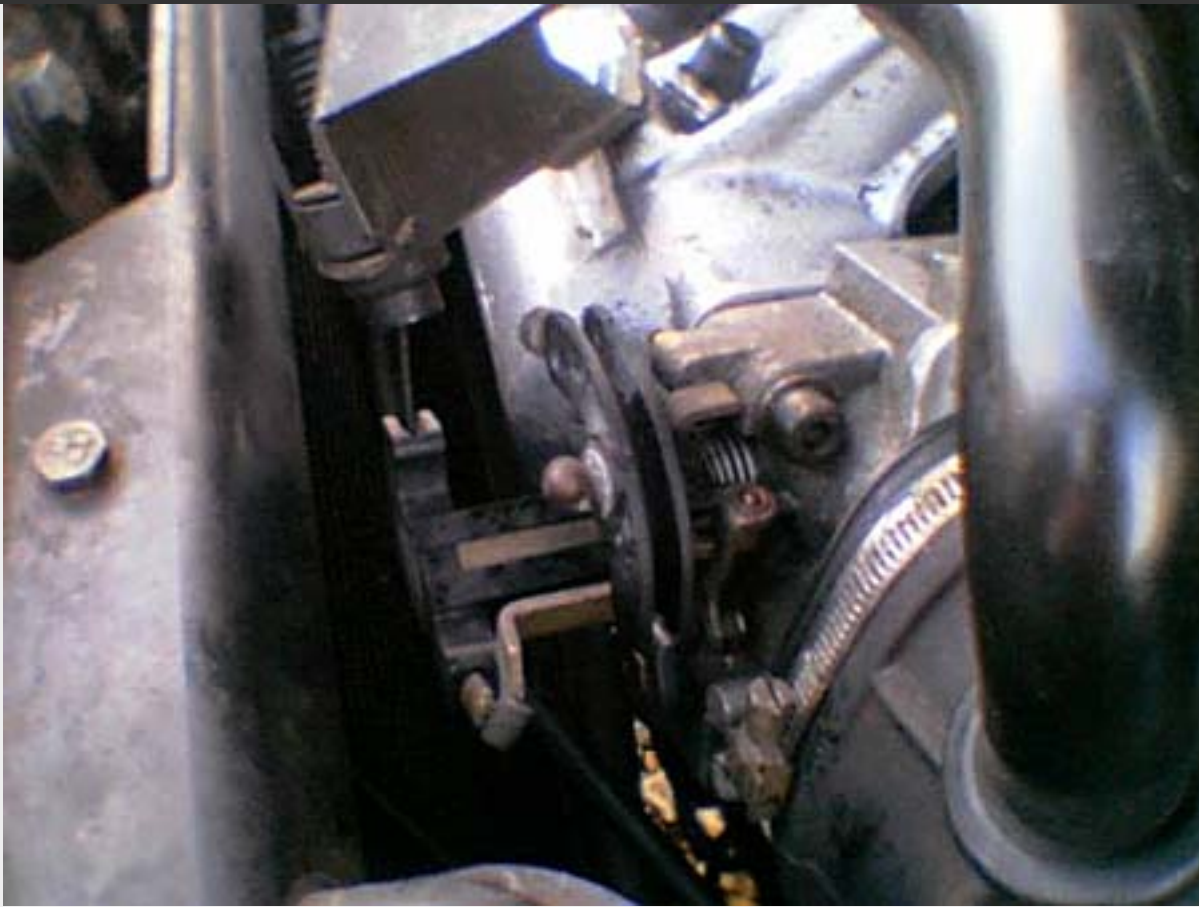
**Fit it all back onto the car.**







**Now you have to make a bracket for the throttle cable.**



**TO BE CONTINUED!**

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For all additional questions please contact [chriswhiteuk](#).

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