

Bulb fittings in main dash unit: (pictures not to scale)

Updated July 2020

If you have a bulb that needs changing, the following may help in locating the correct replacement before you pull the dash apart. There are no less than SEVEN different types of bulbs in the dash, all looking very similar.

CRUISE CONTROL: 509T x 1 (5mm dia, 17mm long capless) 13.5V 0.8W [12 lumens] clear glass fitted with a green rubber cover. Alternative part is 286TV which includes the 8.3mm dia holder. Bulb with holder is 22.5mm long. I cannot find an exact match for these. Every replacement bulb I have found has been 12V 1.2W. Even Renault do not have them. So you will probably have to fit a 12V 1.2 watt bulb. I replaced mine with a green LED fitting.



SPEED LIMITER: T4.2 Neo Wedge X 1 fitted with an orange rubber cover. No indication as to voltage or wattage but no more than 0.8W. This is the only T4.2 bulb in the display.



ALARM INDICATOR: 509T style LED x 1 for the alarm flashing indicator. This is a red LED in a water clear case. The bulb holder has an offset keyway to avoid fitting with the wrong polarity. Probably Renault part only.



MAIN DASH ILLUMINATION: 510 X 8 (10mm dia, 23mm long) 13.5Volt 2.2Watt capless bulbs. [33 lumens] These light the back of the main dash. Halfords HBU297 is 2.2W but 12V. This will be close enough. Others are: Autolamps.co.uk 12V 2W P297 (27mm long). Ring Automotive R297 12V 2.2W 9.5mm dia. Most replacements on offer are different wattage and all are 12V. I compared the original 13.5V bulb with an Osram 12V 2.2W replacement. The Osram was slightly brighter for a given voltage and the current draw was fractionally higher (2-4 milliamps). For the same brightness, the new Osram needed 0.5V less than the original. With this difference in brightness you could play safe and replace them all, rather than risk noticing a slight variation later. NOTE: The Osram bulb was £3.34, and you need eight of them.



RED STOP SYMBOL: 501 x 1 (10mm dia, 23mm long) 12V 5W capless bulb. This has a red cover and illuminates the big square STOP sign on the check panel. I have assumed it is 5W, the marking on mine is smudged. It is 12V and a different bulb to the 13.5V dash illumination bulbs. These are available with red coloured glass instead of the rubber cover, style 501R. Very unlikely to burn out as hopefully never on.



SMALL WARNING INDICATORS: T3 X 16 neo wedge.(3mm dia wire ended) bulbs. These are for the individual warning lights. There are various specs of bulbs available. Some people sell them by wattage, some by current and some by lumens! Most common are 0.3W, 0.72W and 1.2W. These days LED replacements seem the norm. They need to be fitted the right way round for polarity. You can test this with a PP3 battery. The 'ground plane' on the plastic circuit board is actually positive, with the thin return track being grounded to turn them on. I've not found any warm white versions, the cool white gives a slightly brighter effect than standard.



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3 x 509T 12V 1.2W Bulbs. These are for backlight illumination. They are such a pain to get to, change all three if one fails!



END.