

SERVICE BULLETIN No

80-36

DATE: 2/13/89**SUBJECT: Calibration of display indicator****VEHICLES: 328 GTB/S and TURBO (P.N. 61808200 Right, P.N. 61808300 Left)  
412 (Pininfarina P.N. 2578089800 Right, P.N. 2578089900 Left)**

ATTACHED PLEASE FIND A DESCRIPTION OF THE CALIBRATION PROCEDURE FOR THE ABOVE ITEMS.

IT IS RECOMMENDED THAT AFTER THE CALIBRATION PROCEDURE HAS BEEN CARRIED OUT A DAB OF PAINT BE APPLIED TO THE ADJUSTMENT SCREWS TO PREVENT ANY ALTERATION OF THE SETTING DURING USE.



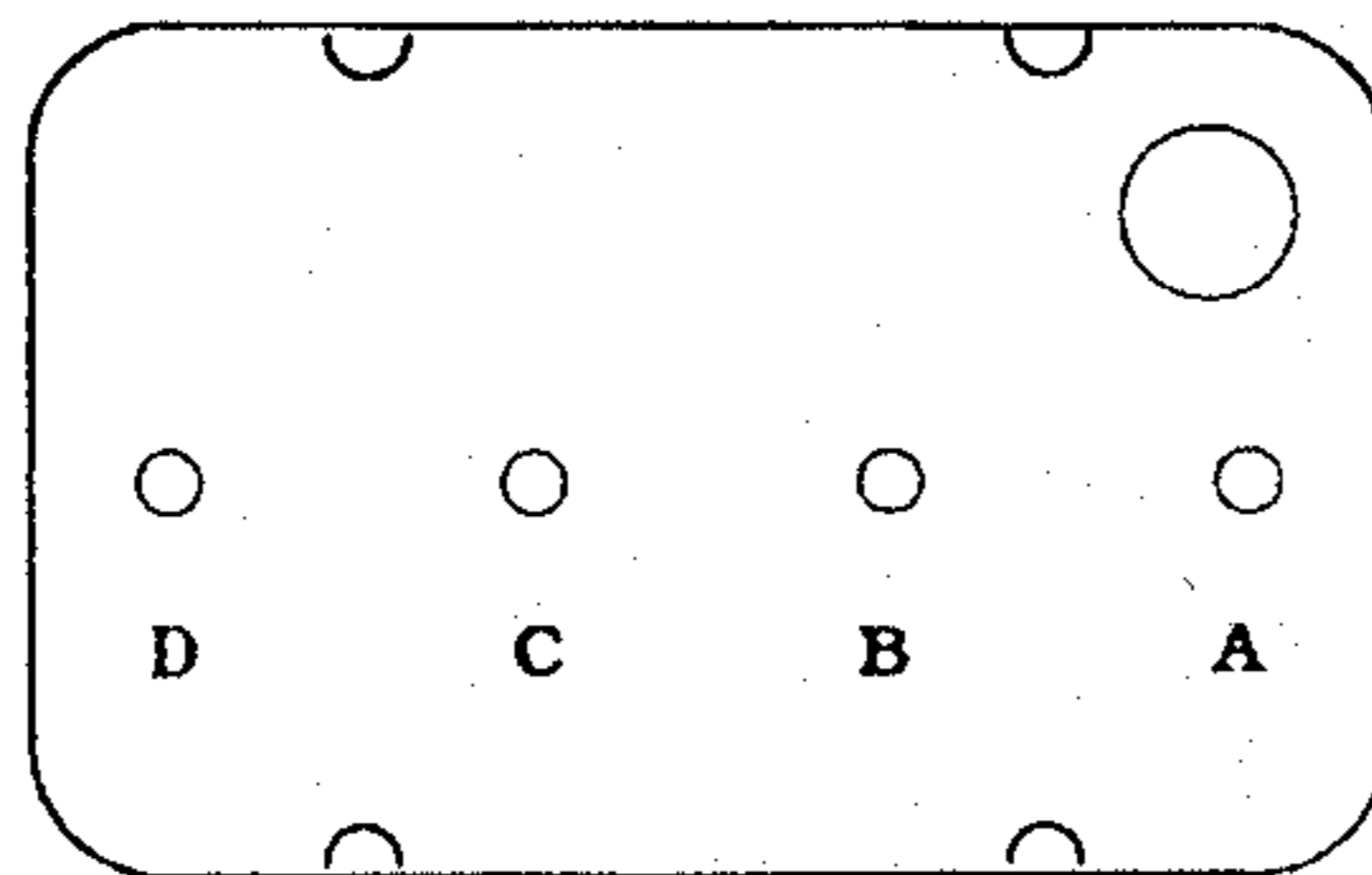
**CALIBRATION PROCEDURE****1. LED Display Indicator with 4 Potentiometers ( fig. 1)****1.1 RED LED: Heater Water Valve**

- 1.1.1 Through hole **D** rotate the potentiometer screw in a clockwise direction to the limit of its travel.
- 1.1.2 Press the end of the rocker switch bar with the red spot for at least 10 seconds.
- 1.1.3 If the LED's are all light, then through hole **C** gently rotate the potentiometer anti-clockwise until one LED goes out then rotate carefully clockwise without stopping until all LED's are lit. Should one or more LED's not light then rotate the potentiometer in a clockwise direction without stopping, until all LED's are lit.

**1.2 YELLOW LED: Air Distribution Flap**

- 1.2.1 Press the end of the rocker switch bar with the orange spot (328) or white spot (412) for at least 10 seconds.
- 1.2.2 Through hole **B** rotate the potentiometer screw in a clockwise direction until the first LED just lights then rotate the screw in an anti-clockwise direction without stopping until the LED goes out.
- 1.2.3 Press the demist symbol end of the rocker switch bar for at least 10 seconds.
- 1.2.4 Through hole **A** rotate the potentiometer in a clockwise direction to the limit of its travel, then rotate it in an anti-clockwise direction without stopping until an LED lights up.
- 1.2.5 Repeat steps 1.2.1 through 1.2.4 for at least 3 times, after which the calibration may be considered complete.

FIGURE NO. 1



**CALIBRATION PROCEDURE****2. LED Display Indicator with 3 Potentiometers (fig.2)****2.1 RED LED: Heater Water Valve**

- 2.1.1 Press the end of the rocker switch with the blue spot for at least 10 seconds to ensure that the valve is closed.
- 2.1.2 Through hole **C** rotate the potentiometer screw in a clockwise direction to the limit of its travel, and if as a result all the LED's are extinguished leave the screw at the end of its travel: otherwise gently rotate the screw anti-clockwise until the last red LED goes out.
- 2.1.3 Press the end of the rocker switch bar with the red spot for at least 10 seconds and check that all LED's are lit. Should this not be the case, then through hole **C** adjust the potentiometer screw in an anti-clockwise direction without stopping until the last LED is lit.

**2.2 YELLOW LED : Air Distribution Flap**

- 2.2.1 Press the end of the rocker switch bar with the orange spot (328) or white spot (412) for at least 10 seconds.
- 2.2.2 Through hole **A** rotate the potentiometer screw in a clockwise direction until the first LED just lights, the gently rotate in an anti-clockwise direction without stopping until the first LED goes out.
- 2.2.3 Press the demist symbol end of the rocker switch bar for at least 10 seconds.
- 2.2.4 Through hole **B** rotate the potentiometer screw in a clockwise direction until the limit of its travel. If all the LED's are lit leave the screw in that position, but if one or more of the LED's are not lit, gently rotate the screw anti-clockwise without stopping until the last LED lights up.
- 2.2.5 Press the end of the rocker bar switch with the orange spot (328) or white spot (412) for at least 10 seconds to ensure that all LED's extinguish, at which point the calibration is complete. If however one or more of the LED's remain lit gently rotate potentiometer **A** in an anti-clockwise direction without stopping until all the LED's extinguish then repeat the procedure from step 2.2.3.

FIGURE NO.2

