

## "Dehne" Digital Fuel Gauge Unit

Our "Dehne" digital fuel gauge is CNC machined from 6061 aluminum, is compatible with both 6 and 12 volt applications, as well as with Karmann Chia sending units, Pre 73 Type 2 tubed tank sending units and all Type 1 electric sending units.

Mounting instructions and a template sheet are included with each unit.

**Caution:** This fuel gauge will not seat properly on dashboards reworked with a lot of filler. In such situations some rework to your dashboard may be required.

### Dashboard Drilling and Cutting Instructions

**Step 1:** Apply template sheet to the dashboard. Ensure that it contours the right-hand side of the speedometer gauge.

**Step 2:** Drill two 15mm holes at the drill points indicated on the sheet.

**Step 3:** After drilling the holes, cut out the outlined middle section between them.

At this point, you are ready to mount the gauge.

### Gauge Mounting Instructions

**Step 1:** Turn rear upper lamp holder counter-clockwise to remove both front and rear sections.

**Step 2:** Unscrew lower screw and remove.

**Step 3:** Separate front face from the rear plate.

**Step 4:** Place the rear plate (complete with LED indicators and cables) behind the dashboard.

**Step 5:** Place the front face of the gauge at the front of the dashboard.

**Step 6:** Insert upper front nipple with light hole facing down.

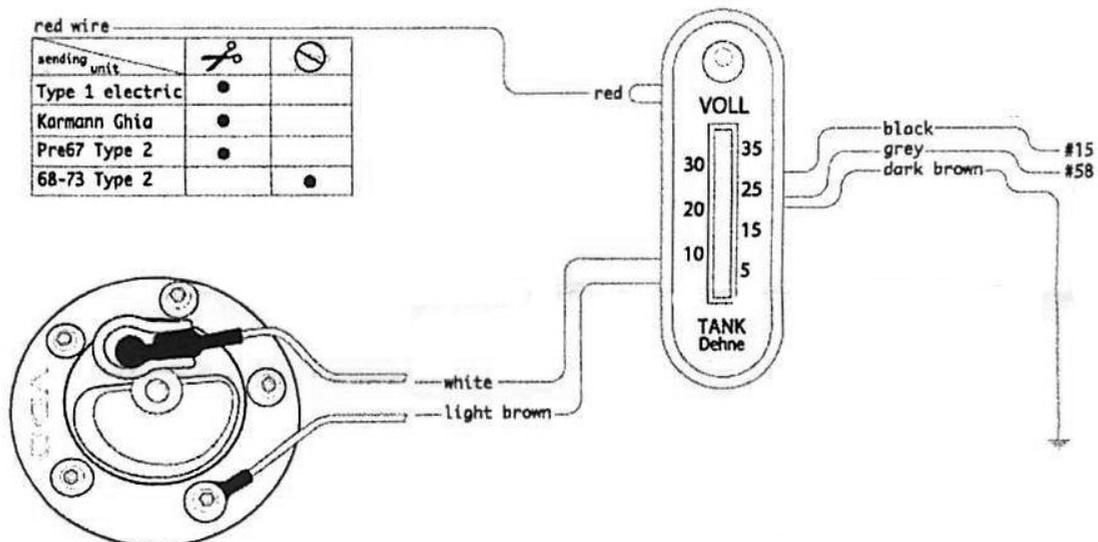
**Step 7:** Behind the dashboard, rotate the lamp holder onto the rear threaded section of the upper front nipple. 'Remember to ensure that the nipple's light hole face downwards on the front face of the gauge.'

**Step 8:** Screw on the lower bolt from behind the dashboard.

Now you are ready to connect the cables.

### Cables

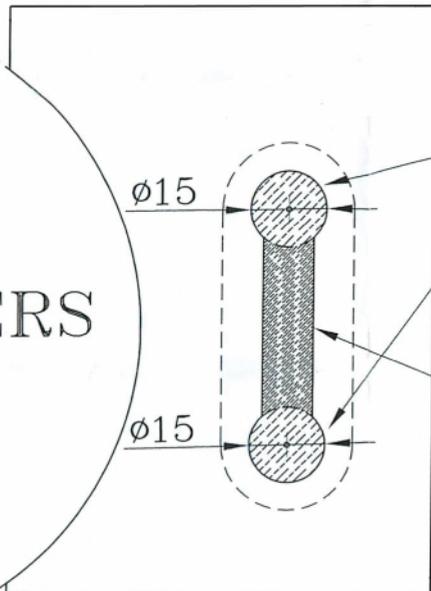
- Black** - Connects to the positive (+ve) ignition cable #15.
- Grey** - An optional cable that functions as a light dimmer for the fuel gauge. Simply connect it to the light switch #58.
- Dark Brown** - Negative (-ve) ground cable.
- \*\*Light Brown** - Negative (-ve) tank sending unit cable. ( see note below )
- White** - Positive (+ve) tank sending unit cable.
- Red** - Cut the red cable in half when connect to Karmann Chia, Type 1 electric or Pre67 Type 2 sending units.



**\*\*Note for Type 2 owners:** Please ensure that the grounding capability of the original earth cable from the sending unit to the chassis is not interfered with by years of paint re-sprays.

If it is not, then disregard the use of the light brown cable.

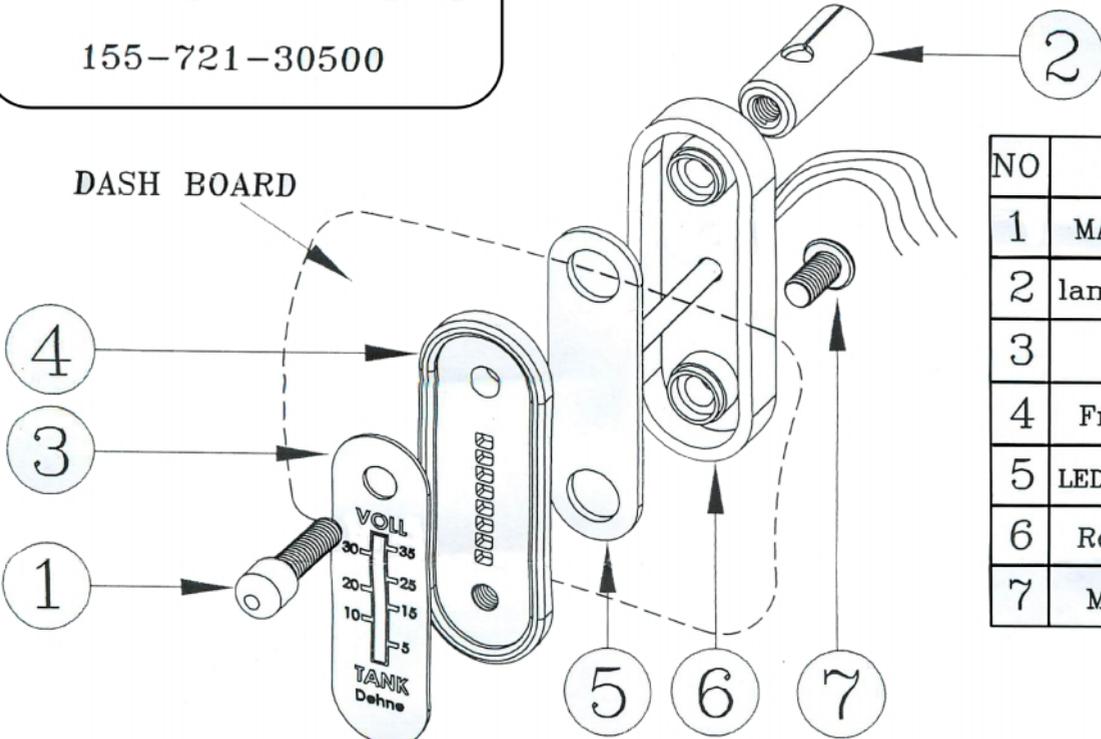
SPEEDOMETERS



Drill First

Cut Later

Dehne Digital fuel gauge  
155-721-30500



NO	ITEM	QTY
1	MAP Lamp	1
2	lamp holder	1
3	Face	1
4	Front Face	1
5	LED Indicators	1
6	Rear plate	1
7	M6 bolt	1