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1. **Disassembly on car**

At first we pull out the side cover on the left side, carefully.

Then we have to loosen the first of two Philips screws.

Here we found the location of the second screw.
Now we can pull down the lower cover, carefully. The lower cover has six fixation points. Here we can see two of them.

After this step we have to loosen the two screws from the upper cover.

On the right side we can find the second screw of the upper cover.
Now we pull out the upper cover. The three top fixation points are very hard to remove.

**Hint:** use an old credit card and a knife to annul to the three upper fixation points.

**In detail:**
Here we can see the six fixation points from the upper cover.
At next, we have to loosen the four screws from the speedometer unit.

On the left side we can find the first two screws.

The location for the other two screws we can find on the right side of the speedometer unit.

Now we can carefully backwards tilting the speedometer unit to pull out.

Hint: lower the steering wheel and pull it completely out.
Now we have to disconnect the white connector on the right backside.

After this step we have to disconnect the other two grey connectors on the left back side.
2. **Disassembly the speedometer unit**

*Hint:* use a soft towel as underlay, because to do not destroy the sensitive light foil in the second layer.

**Now we have to use a Torx TX15 Bit. We have to loosen the six in the marked screws.**

*After this step we can pull up the upper glass unit completely.*

*With a lever, like a fork, we have to pull up the four old pointers.*

*Hint:* use a soft towel as underlay, because to do not destroy the sensitive light foil in the second layer.
After this step we loosen the other six screws from the black back cover and pull it away. For a completely disassembly we have to loosen the last four screws around the connector rows.

Now we have to slide, push the four LED pointer light units over the black case holes.

Now we can put any new speedometer design plates over the sensitive second layer light foil. We have to push in the four new pointers, too.
3. **Assembly of Speedometer unit**

The final speedometer results with backlight pointers and new plates.

In the speedometer bay we can find any ground points for the backlight pointer module.
The 12Volt light switched cable is the orange/brown one. We can find it on the white speedometer connector at the right backside.

4. Final pictures