

# DODGE CHALLENGER

392 · SRT 8 · 2011

## CHANGE SPEEDOMETER & CUSTOM LIGHTED POINTERS

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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.***





***Before we can pull out the upper cover, completely, we have to pull out the start button.***

***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.*

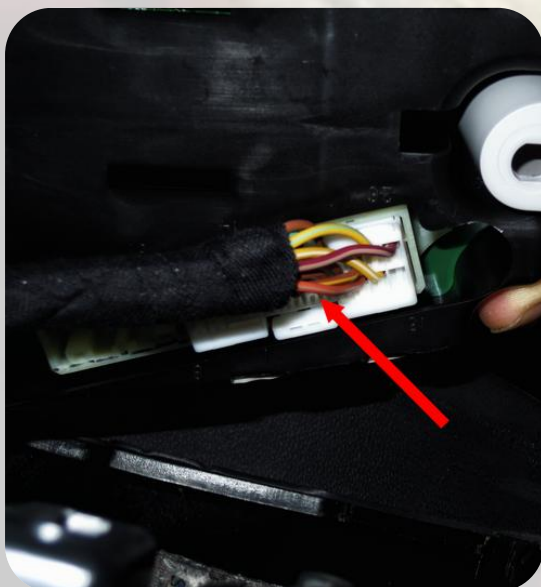


*The location for the other two screws we can find on the right side of the speedometer unit.*



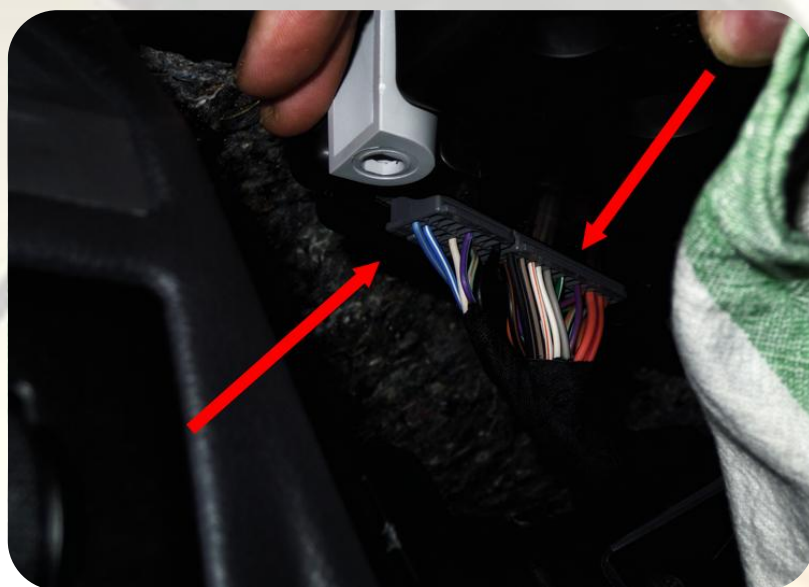
*Now we can carefully backwards, tilting the speedometer unit to pull out.*

***Hint:** lower the steering wheel and pull it completely out.*

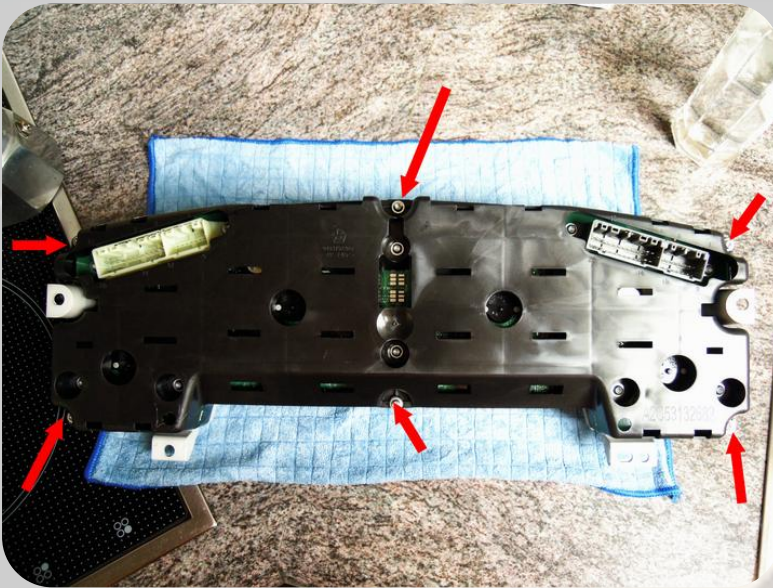


***Now we have to disconnect the white connector on the right backside.***

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



## 2. Disassembly the speedometer unit



*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.*

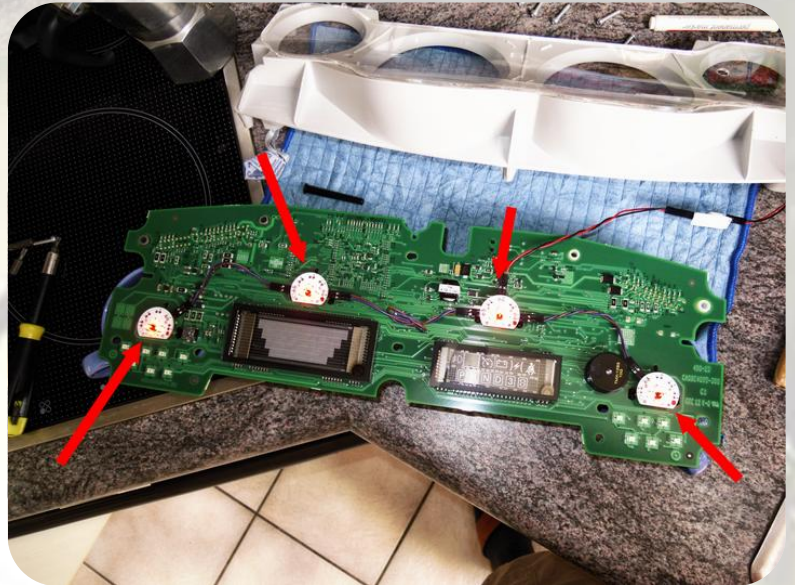
***Hint: use a soft towel as underlay, because to do not destroy the sensitive light foil in the second layer.***





*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 bores.*



*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.*



***The final speedometer results with backlight pointers and new plates.***



### **3. Assembly of Speedometer unit**



***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**

