

Installation instructions Cling-o-mat TRAX 6V

(For all Traction Avant models 6 or 12V)

Congratulations with the purchase of your Cling-o-mat. The Cling-o-mat improves the visibility of your turn indicator by blinking your brake simultaneously. You probably recognize the problem: the driver behind you does not see –or does not want to see- the turn indicator mounted high on the side of the body of your vintage Citroën Traction Avant. The Cling-o-mat is available in 6 and 12 volt versions.

De Cling-o-mat is a piece of modern technology packaged in a vintage exterior. De Cling-o-mat must be mounted to the left side panel behind the backrest of the rear seat. Included in the package is a wire that acts as a supply for the Cling-o-mat and runs from the dashboard to rear. Mounting is easy for a car hobbyist with a screw driver and a pair of pliers. Please follow this instructions step by step.

Contents of the Cling-o-mat package:

- A Cling-o-mat control box equipped with three crew connectors and wire loom.
- A supply cable with connectors and 3,4 meter length.
- 10 upholstery nails.
- One M5 bolt for mounting.
- Yellow connection block for left turn indicator.
- These installation instructions.
- Also available: LED replacement bulbs.

Steps for installation:

1. Disconnect the battery to avoid an accidental short circuit.
2. First we route a supply cable from the dashboard to the rear of the car where the Cling-o-mat is mounted. On the left side under the dashboard you will find a connection block with 10 screw connectors. The upper screw connector is the supply on which you must connect the cable.
3. Now you can route the wire down under the upholstery towards door threshold. The floor upholstery is nailed down to the threshold with nails. The upholstery has to be pried off from the nail heads using a large flat screwdriver for instance. You will find new nails in the Cling-o-mat package to remount the floor upholstery later on.
4. The Cling-o-mat is situated behind the backrest of the rear seat on the left side panel. The backrest is removed by pulling the lower side forward and subsequently push the backrest upward. It does require some force and wiggling back and forth to remove the two support lips from the backrest out of the corresponding slots in the back window shelf.
5. Now we can connect the left rear indicator light to the Cling-o-mat. The wire runs behind the roof upholstery at the inside behind the indicator light downward in the corner. Do not try to dismount the indicator light because you will certainly damage the roof lining and that is really difficult to repair. When you found the wire you have to scratch the isolation open in order to expose the copper of the wire. The yellow connector in your Cling-o-mat package can now be clipped on the exposed copper of the wire. The blue connector on the wire loom of the Cling-o-mat now fits neatly on the yellow connector.
6. Connect the blue wire of the Cling-o-mat on the left screw connector of the connection block. This makes the connection to the right indicator light.

7. On the right crew connector you will find three wires of the brake light system: 1 wire from the brake light switch, 1 wire from the left brake light and 1 wire from the right brake light. Unfortunately, the wires to the two rear brake lights have the same colour and run through the same wire loom. You have to gamble which is left and which is right and possibly have to swap these two wires later on.
The wire from the brake switch stays at the connection block together with the red wire from the Cling-o-mat and the two wires from the brake lights must be connected at the lower and higher screw connectors of the Cling-o-mat.
8. Now you connect the red supply wire to the dashboard at the middle screw connector of the Cling-o-mat.
9. Now you can mount the box with the M5 bolt from the package to the mounting lips of the vinyl side cladding and the back window shelf. Please do not forget to use the washer because this ensures a reliable electrical grounding contact with the Cling-o-mat box.
10. Now you can test the correct functionality of the Cling-o-mat. Re-connect the battery and try the different combinations of braking and turn indication. In case you find both brake lights swapped please swap the two wires as explained at 7.
11. If everything is in order you can remount the backrest. Please take care the two lips fit nicely in the corresponding slots at the back window shelf before pushing home the lower side of the backrest

