



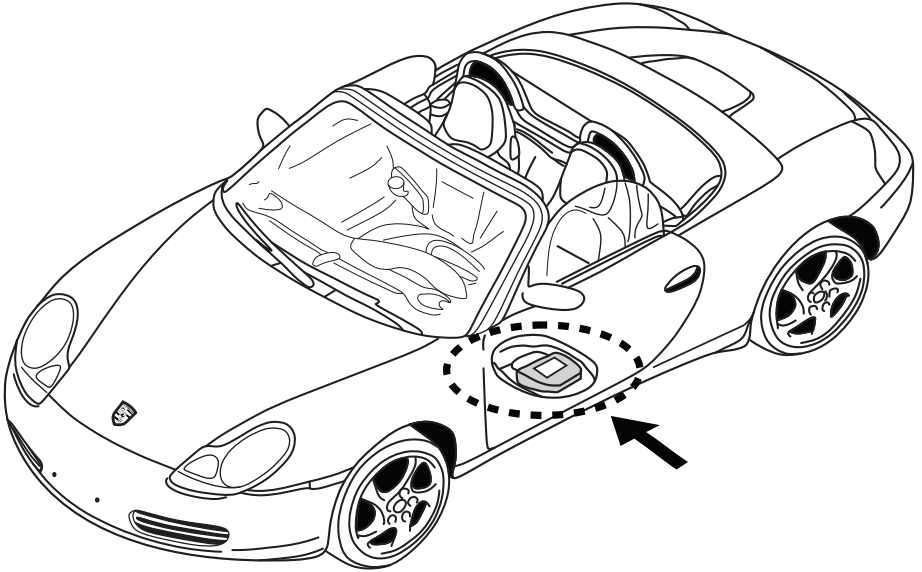
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C65

INSTALLATION INSTRUCTIONS IMMOBILIZER WATERPROOF CASE

C91



All Porsche Boxsters and 911 models that were made from 1997 through 2005 have a weakness in the location of the Immobilizer Security System. This computer was placed directly onto the floor of the car, under the driver's seat, making it prone to getting water damaged.

This can happen if you leave the windows open or convertible top down while it rains. Your immobilizer can also get water damaged if the water drains of the car get clogged with dirt and leaves.

The costs involved with getting this problem fixed can easily amount to a couple \$1,000 dollars in parts, labor, programming, towing expenses, the inconvenience of not being able to use your car - not to mention the health hazard created by the growing of mold under the carpet if the problem is not corrected.

In this box is our Immobilizer Waterproof case that helps prevent you against this problem, so that you can have peace of mind that this will never happen to you. However, you should always maintain your water drains clear of any debris and the water seals of your car in good condition.

***Please read all of the instructions before installing the waterproof case.**

IMPORTANT

Before you do anything, the **MOST IMPORTANT** step is to clean the immobilizer connector harness.

If you skip this step, or fail to clean these connectors is it likely that the unit will not work properly and may damage the control unit again.

Problems or malfunctions in the car caused by a corroded or dirty connector harness are not covered under warranty.

If the connector harness is severely corroded or damaged, you need to replace them in order for the Control Unit to function properly in your car.

Watch this video <https://youtu.be/b-oCnINVhkg> to learn how to properly clean these connectors.



After you clean the connectors, proceed to the Immobilizer Testing Steps on the next page.

IMMOBILIZER TESTING STEPS

NOTE

Porsche developed 8 different Immobilizer versions and your car may have more or fewer functions depending on the specifications. Example; some Boxster remotes have 3 buttons to open the doors and trunks. While some 911 remotes only have 2 buttons to open the doors and front trunk. Other Boxster and 911 models do not have remote functions at all. See your Porsche Owner's Manual to find out the exact specifications of your car's Immobilizer features.

- Test that you can start your car.
- See that your airbag light comes on and off in the dashboard as you turn the key in the ignition.
- Check your turning blinking lights.
- Turn your radio on and off.
- Check that your interior map lights work.
- Roll your windows up and down.
- Test your horn.
- Open and close the gas tank lid.
- Close and open the convertible top.
- Close all the doors and trunks of your car, and test that your Remotes and Keys can lock and unlock them. (When the Remotes or Keys close the doors, you should hear 1 beep, otherwise one of your doors might be open.)

Our waterproof case will protect the Immobilizer module if water enters the car; allowing you to still start the vehicle and have use of all of its security and accessory functions.

However, if water gets into the car, it has to be serviced immediately.

As a preventative measure you should periodically check that your car's water drains are clear of debris that may clog the drains. (Again, check your Owner's Manual in order to locate the water drains in your specific car model.) You should also check that all of your doors, sunroof and cabriolet seals are in good shape.

If you have done this installation correctly, we are so confident in our Waterproof case that it will help prevent your Immobilizer module from ever getting water damaged again. You will have peace of mind that you will not be stopped or hassled by the expenses and inconveniences of a water damaged Immobilizer.

What's in the kit

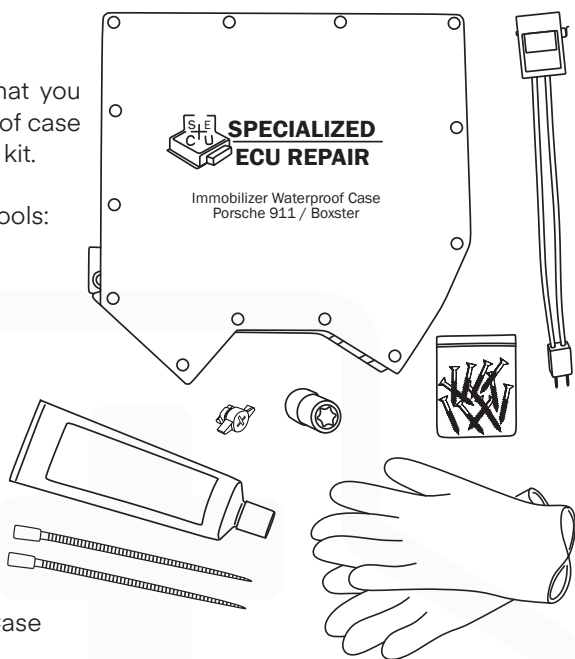
We thought of all the things that you will need to install our Waterproof case and so we included them in the kit.

You will only need these basic tools:

- 3/8 ratchet set
- Phillips head screwdriver
- Flat head screwdriver

Inside each kit you will get:

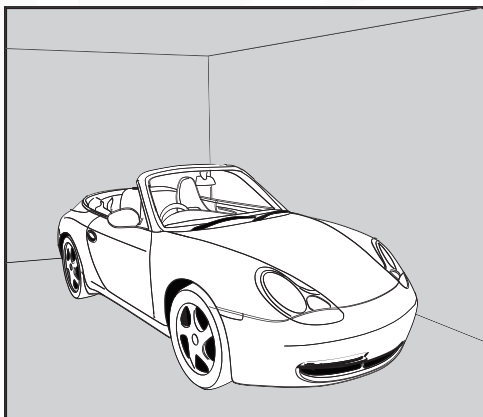
- 1 pair of mechanic gloves
- 1 corrosion-free silicone tube
- 1 torx socket driver
- 1 fuse extension
- 1 alarm nut
- 13 screws
- 2 tie wraps and;
- Our Immobilizer Waterproof Case



***NOTE* We recommend that you only do this installation if your car's Immobilizer is in perfect working condition. To test that your car's Immobilizer is working properly follow the "IMMOBILIZER TESTING STEPS" at the end of these instructions together with your car's Owner's Manual.**

To start, we recommend that you park your car in a comfortable covered space, wide enough to open the driver's door completely and, if your car is a convertible, you should drop the cabriolet top all the way down. Afterwards take the keys out of the ignition switch.

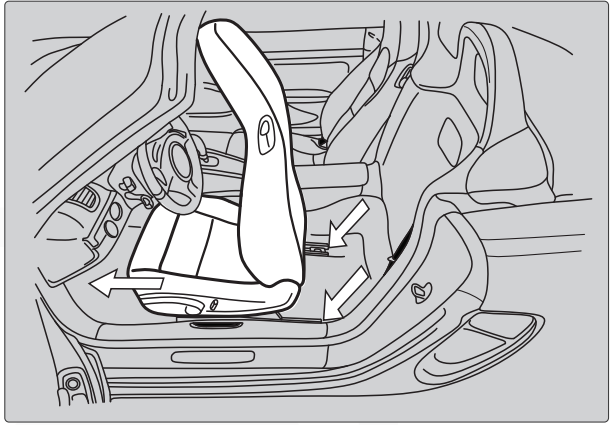
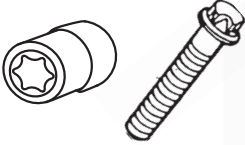
We will be removing the driver's seat to find the immobilizer module in order to replace its original box with our waterproof case. Now, put on your gloves and let's get started!



SEAT REMOVAL INSTRUCTIONS

1. Move the seat all the way forward and remove the 2 rear torx bolts from the seat rails with your ratchet.

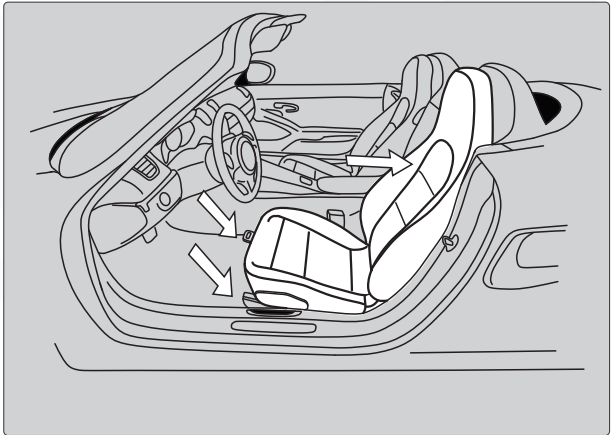
(Use the torx driver socket included in the kit.)



2. Move the seat all the way back, and take off the 2 plastic covers on the seat rails that are held by phillips head screws.

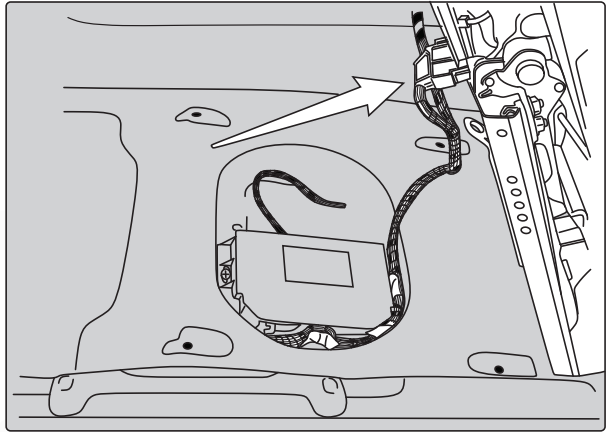


3. Remove the 2 front torx bolts on the seat rails with your ratchet.



4. Fold and pivot the seat back.

If you see any harnesses connected to a control unit under the seat disconnect them.

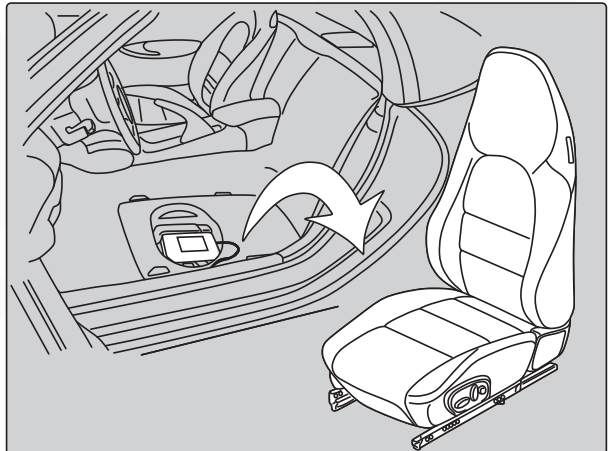


5. Take the seat out of the car

NOTE

The seat might be heavy. We recommend that you get some help when taking the seat out of the car, and be careful not to scratch your car.

Also, the lever that controls the rails of the seat might be spring-loaded. Do not touch this lever as it can be difficult to move the rail back into place.

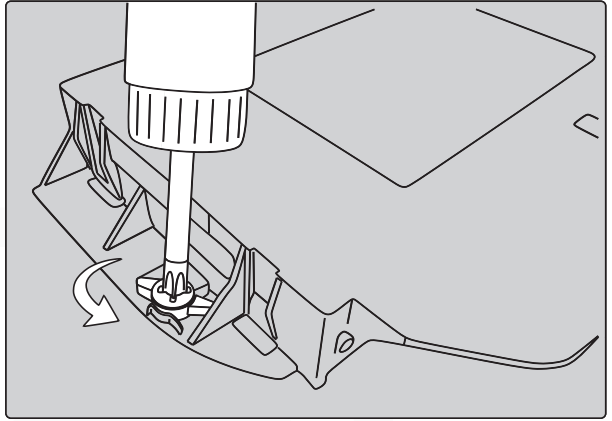


Next, we have to take the Immobilizer out of its original case.

1. Use your phillips head screwdriver to undo the plastic locking screw on the side of the Immobilizer. (To take this out you have to turn this screw quarter turn counter-clockwise)

2. Lift the Immobilizer out.

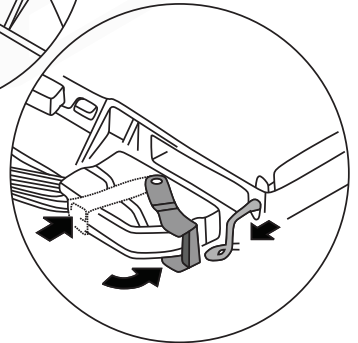
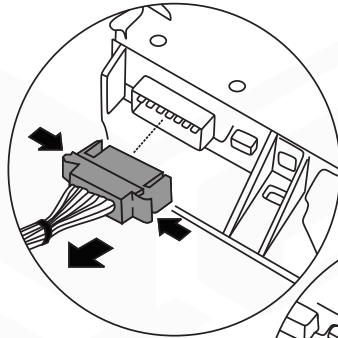
3. Put the plastic locking screw in a safe place because we will use it later.



4. Unplug the **black cable first** from the Immobilizer unit, then unplug the blue one.

NOTE

If the horn beeps once or twice while you disconnect the 2 harnesses from the Immobilizer, or if hear clicking noises from the inside of the Immobilizer module that is completely normal.

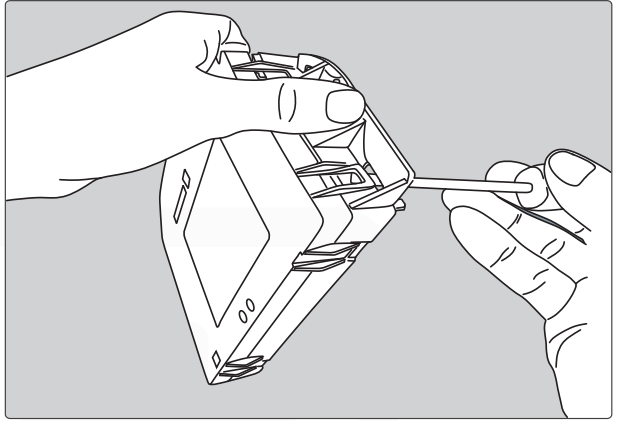


5. Using a flat head screwdriver split the top and lower covers apart.

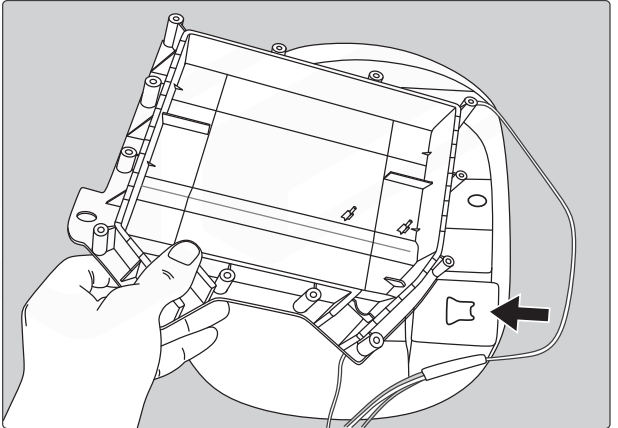
6. Carefully pull the immobilizer circuit board out of its case.

NOTE

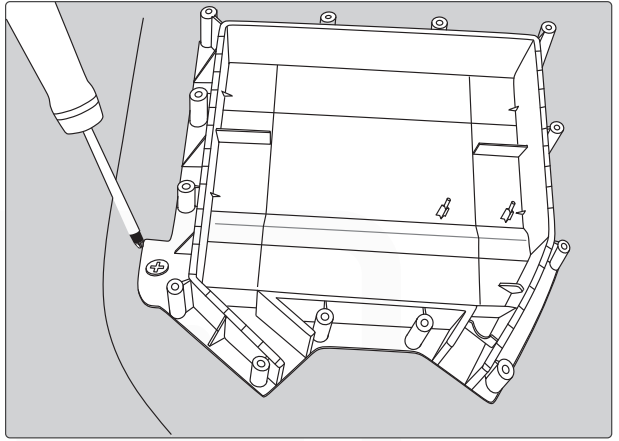
Take advantage of this moment and look closely at the entire circuit board. Make sure that there are no signs of previous corrosion or water damage. If damaged, do not continue the installation and call us to determine if you need a replacement of your Immobilizer Control Unit.



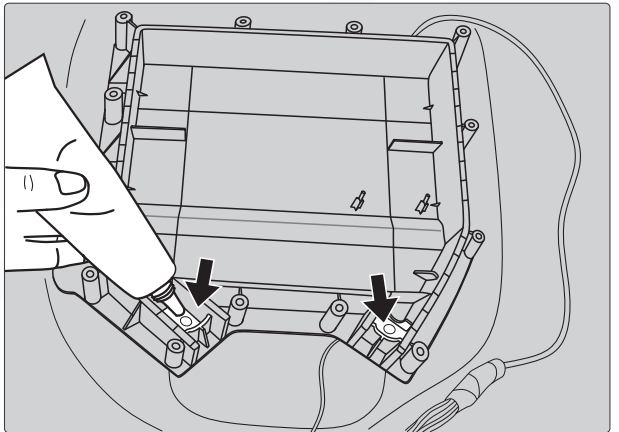
7. Insert the right side bottom lip of the waterproof case in the hole of the floor of the chassis.



8. Secure to the floor the left side of the case with the plastic locking screw you saved earlier.

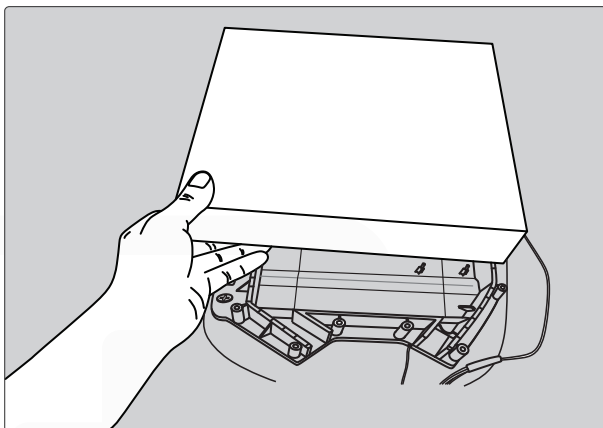


9. Put a liberal amount of silicone sealant in the 2 dams of the bottom of the case. This will help the sealant to spread between the cables of the harness when you close the case with the top lid.

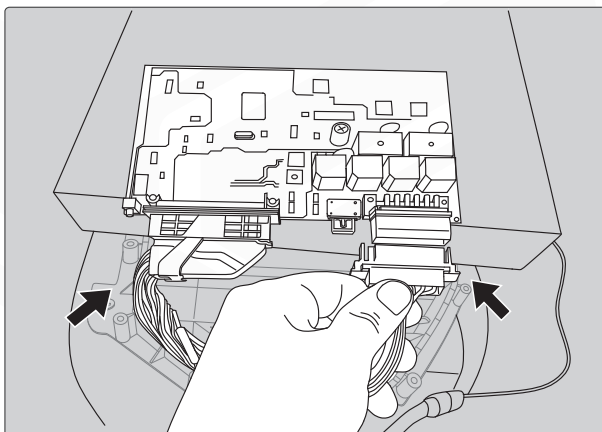


HINT

Place the cardboard box where the kit came in, on top of the waterproof case, this will help you in the next steps.

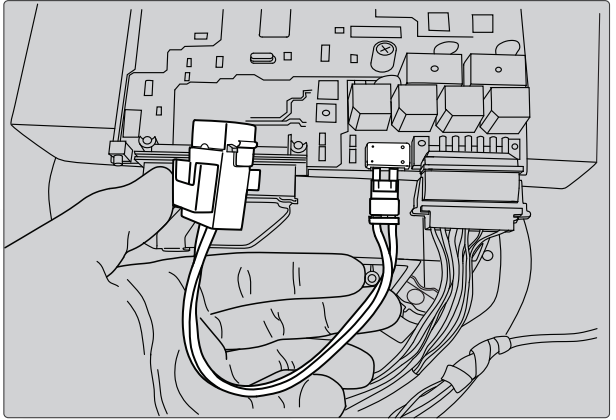


10. Reconnect the 2 harness cables to the Immobilizer circuit board.
(At this moment it makes no difference which cable you plug in first.)



11. Take the 15 amp fuse out of the front of the Immobilizer circuit board.

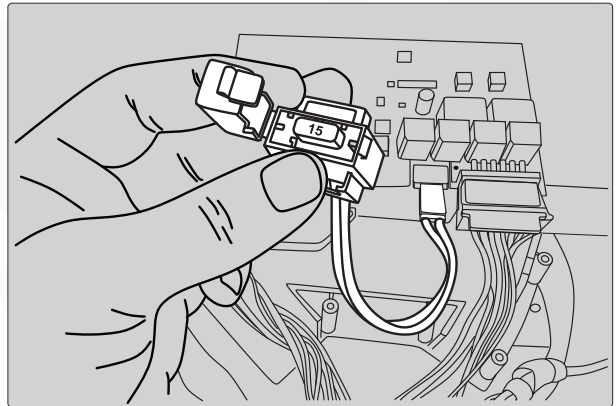
12. Connect the fuse extension included in the kit to the Immobilizer fuse connector.



13. Insert the 15 amp fuse inside the fuse socket of the extension.

NOTE

We added this fuse extension in the case that you need to replace the fuse without having to open the waterproof case.



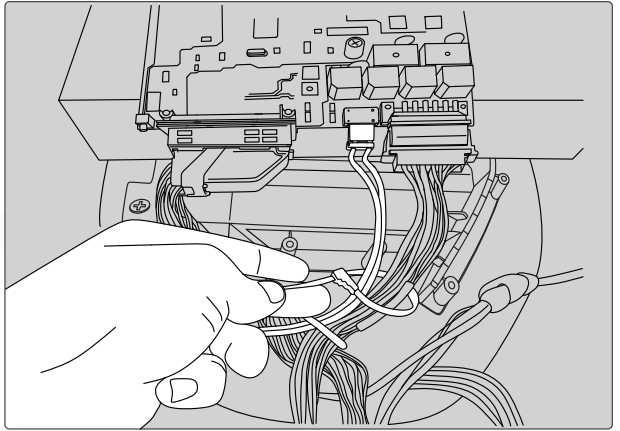
14. Tie wrap the fuse extension to the black immobilizer harness.

NOTE

Pay attention that the fuse extension sits straight into the Immobilizer fuse connector on the circuit board.

NOTE

Test all the Immobilizer functions one more time to ensure that everything is working properly.



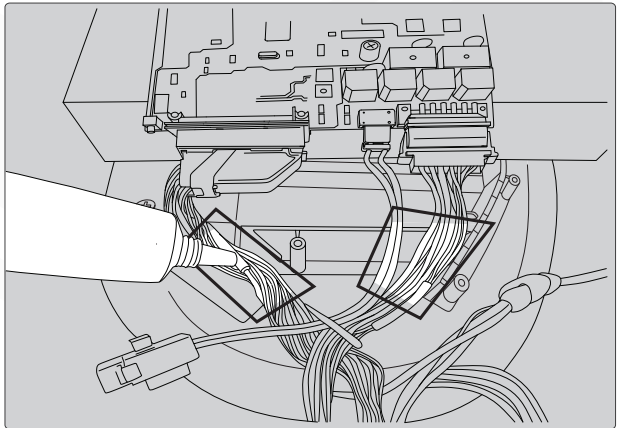
NOTE

Make sure that you have your gloves on for this next step.

15. Apply silicone sealant on both of the Immobilizer harnesses in the section where they meet with the dams of the waterproof case.

16. Spread the sealant so that all the cables in the harness have silicone around them. Again, use a liberal amount of silicone.

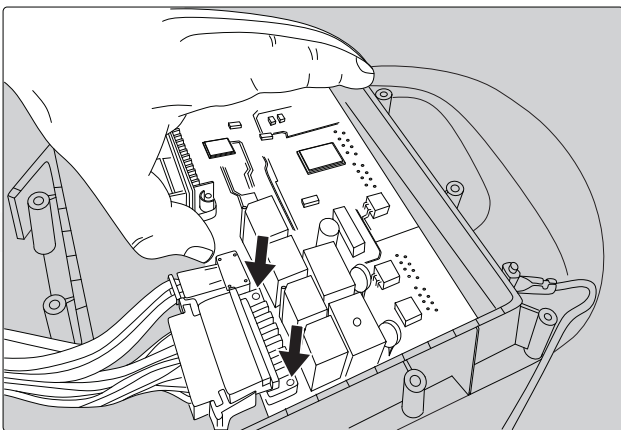
17. Take the gloves off, and move the cardboard box away.



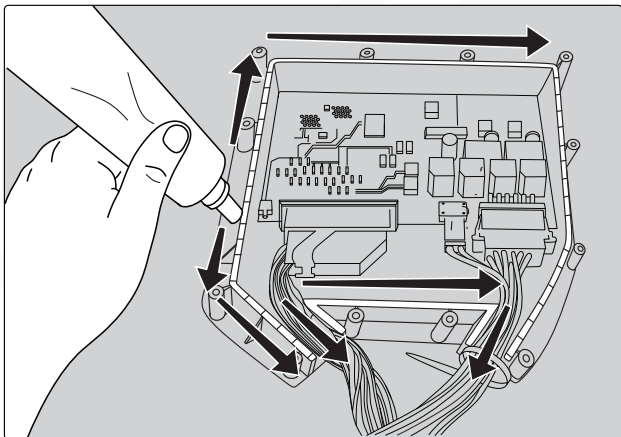
18. Insert the Immobilizer Control Unit into the Waterproof Case. The black connector on the Immobilizer has to fit into the 2 alignment pins built into the Waterproof Case.

NOTE

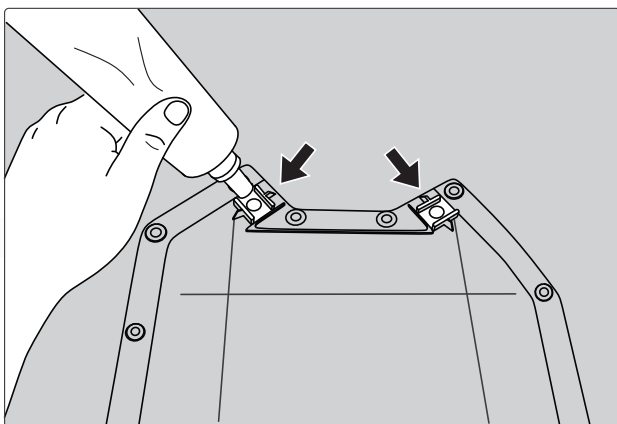
You may have to bend and play with the 2 harnesses for them to sit and stay inside of the case.



19. Squeeze silicone sealant on top of the wall of the bottom case to make a gasket seal. Use about 1/4 inch bead.



20. Add silicone to the bottom part of the inserts of the lid.



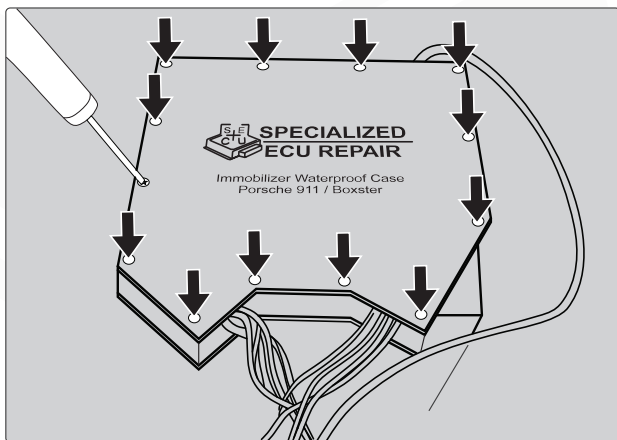
21. Hand tight the top lid to the bottom case with the screws provided.

NOTE

Do not over tighten the screws, the silicone will create a waterproof seal.

The installation is now complete. Now your Immobilizer module is secure against any kind of moisture intrusion.

Clean up your area and follow the **Seat Removal Instructions** in reverse.





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