

# Porsche 996 NHP Sports Catalytic Converters Installation Instructions and Tech Tips.

Thank you for purchasing your new NHP Porsche 996 200 Cells Sports Catalytic Converters, below you will find installation instructions to help you complete the installation. Note we always recommend professional installation.

## **Tools and equipment needed to complete the work.**

Floor Jack (if commercial lift is not available)  
2 x Jack Stands if using a Floor Jack.  
Ratchet set and sockets 3/8" drive and 1/2" Drive.  
Metric Key set.

## **Important safety instructions.**

Only work underneath the car if the car is safely supported with appropriate Jack Stands. Only work on exhaust parts when the engine is cold and exhaust completely cooled down.

**Step 1-** If working with a Floor Jack unlock wheel lug bolts, just unlock them so that the wheel lug bolts can easily be removed when the car is raised. By removing the wheels it gives you much more working space and makes it easier.

Raise the Car with Floor Jack and support it with Jack Stands, please consult your owner's manual if you're not sure on how to raise the car with a Floor Jack. In general your Porsche has specific points that can be used to raise the car, these points are located right in front of the wheels underneath the rocker panel.

Remove your Wheels.

**Step 2-** Open Rear deck lid and remove your factory Air Box, unplug the MAF sensor plug and unhook its wiring from the factory plastic clamps on the Air Box, loosen up the clamp on the throttle body and remove the 13mm bolt that holds the Air Box to the frame, that 13mm bolt is located right behind the deck lid latch, remove the fresh air scoop from the Air Box, it is clipped in place, carefully pull on it some force is required to do so, pull out the Air Box.

**Step 3-** Disconnect all 4 Oxygen Sensor connectors, 2 are located on your far left and 2 are located on your far right, the connectors come off from there carrier by simply pushing them up, the oxygen sensors disconnect by simply pushing up the plastic clip that locks them in place, once disconnected unhook them from the factory wiring holders they are little metal clips on the big rear engine support.

**Step 4 –** Loosen the 17mm Nuts on the sleeve clamps that connect the catalytic converters to the mufflers, once you have loosen the nuts in a twist motion move push the clamps further on the catalytic

converters pipes to disconnect the cat-pipes from the mufflers. If the sleeves are difficult to move, you can spray some WD40 to allow them to slide easier.

**Step 5-** Remove the three 13mm Nuts that connect the cat-pipes to the headers, finally loosen up the 13mm bolt on the clamp that holds the catalytic converter on the engine support bracket, pull out your cat-pipes.

**Step 6 –** With a 22mm Key remove all for Oxygen Sensors. IMPORTANT it is very important that you install the oxygen sensors in the same order on your new Cat-Pipes, it means that the O2 Sensors before the cat should go before the cat on the new cat-pipe and so-on....there is an upstream O2 sensor and downstream O2 sensor they should not be installed in reverse, if not installed correctly you will get a check engine light.

**Step 7 –** Once you have installed your O2 Sensors on your new Sport Cats you are ready to install them on your Porsche, use the new gaskets provided between the headers and cat-pipes, use the hardware included to mate the Cat-Pipes to the Headers, insert the Clamp in over the cat-pipe that's the clamp that holds the cat-pipe to engine support, now install the sleeve clamps that connects the muffler and cat-pipe, tighten everything up.

**Step 8-** Now it's time to connect your O2 Sensors, you will notice that that there's 3 O2 sensor holes on the cat pipes, you only need to use 2 depending on the year of your 996 use the ones that match the original configuration, remember to clip the wiring on the clip supports so that the wires don't lay around .

**Step 9 –** Re-install factory Air Box, install wheels , remove jack stands, bring the car down, don't forget to re-check wheels and make sure lug bolts are tight, start her up and enjoy.

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