

## **Porsche 2009 997.2 & 997.2 "S" Full Maxflo Exhaust and Air Intake Installation Instructions**

Congratulations on purchasing the finest Type 304 Stainless Steel Cat-Back emissions legal performance exhaust for your car. These systems were extensively tested on the street, chassis dyno and racetrack and offer the best combination of horsepower and torque gains with superlative Sports car sound that is not too loud. Fabspeed MAXFLOW exhaust is the finest and strongest free flowing aftermarket stainless steel exhaust for your Porsche. Fabspeed RULES Porsche Performance!

### **2009 997 & 997 "S" 2ndary Maxflo Mufflers**

#### **Tool List:**

- 13mm Swivel socket
- 13mm Open end wrench (Short and Long preferably)
- 11mm Deep socket for the V-Band Clamps
- Spray lubricant or WD-40
- Torque/ Star socket for Tip removal

#### **Install list:**

1. Place car on lift or safely jack up the car as per Porsche owner's manual and always use jack stands. Make sure car is secure at all 4 points. Remove both rear wheels to gain easier access to the rear muffler brackets. Spray some WD40 or lubricant on the 2 bolts on the back of the muffler behind the rear tires, the 2 top bolts at the muffler and Header connection so the 2 bolt bracket can be removed and the sleeve clamps at the Primary and 2ndary muffler connection.
2. Remove the 997 exhaust tips from the car with a torque socket so you do not damage the bumper valance when removing the 2ndary muffler and to gain easy access to the header flange bolts.

3. Use a 13mm socket wrench and loosen the 2 nuts on the both sleeve clamps that secure the primary muffler to the 2ndary muffler and slide them towards the 2ndary muffler side since they will be reused with the new system.
4. Remove the 2 nuts on the bracket that sits on back of the muffler behind the rear tires. Then Remove the 2 nuts on both sides at the muffler and header connection with a 13mm socket wrench and a small 13mm open end wrench for the top nut on the triangular flange since its more difficult to reach. Unlatch the 2ndary muffler bracket that sits on the two bolts on the Header flange and move to the side. This will now allow you to remove the 2ndary mufflers from the car.
5. Before you install the new mufflers on the car, place the correct inlet pipes, block off and outlet pipes on the mufflers with the supplied 2.50" V-Band Clamps and tighten slightly because it will be more difficult to do it later in the installation. You received two different inlet pipes for two different sound levels and a cap off for the one that is not being used.
6. Remove the 2ndary muffler bracket from your stock muffler and install onto the new Fabspeed muffler. Also slide the factory sleeve clamp onto the inlet pipes since it will secure the 2ndary mufflers to the primary muffler or our X Pipe. Place the new mufflers in the same place as the factory mufflers were in. Align all the bolts with the brackets on the new mufflers and secure, but don't tighten fully.
7. Slide the factory sleeve clamps back over the Primary muffler or our X Pipe to rejoin the 2ndary muffler connection and tighten slightly.
8. Reinstall the factory tips and align everything. You can now go back and check all the connections and tighten everything fully. Reinstall and torque the wheels to the factory specifications. You are now finished and can enjoy the added horsepower and adjustable sound.

## 2009 997 & 997 "S" Primary Muffler Bypass X-Pipe

### Tool List:

- 13mm Swivel socket
- 13mm Open end wrench (Short and Long Preferably)
- Size #6 Allen/ Hex Key wrench
- Spray lubricant or WD-40
- Torque/ Star socket for Tip removal

### Install list:

1. Place car on lift or safely jack up the car as per Porsche owner's manual and always use jack stands. Make sure car is secure at all 4 points. Spray some WD40 or lubricant on the 2 band clamps that hold the muffler to the car, the 3 bolts at the muffler and Header connection and the sleeve clamps at the Primary and 2ndary muffler connection.
2. This is not required but recommended. Remove the 997 exhaust tips from the car with a torque socket so you do not damage the bumper valance when removing the primary muffler and to gain easy access to the header flange bolts.
3. Use a 13mm socket wrench and loosen the 2 nuts on the both sleeve clamps that secure the primary muffler to the 2ndary muffler and slide them towards the 2ndary muffler side. Remove the 3 bolts on both sides at the muffler and header connection with a 13mm socket wrench and a small 13mm open end wrench for the top nut on the triangular flange since its more difficult to reach. Unlatch the 2ndary muffler bracket that sits on the two bolts on flange and move to the side. Loosen the 2 bolts on each band strap at the center of muffler with a size #6 Allen wrench/ Hex key. Slide the two band straps away from the muffler mounting point and this will now allow you to remove the entire primary muffler from the car. You will no longer need the factory band straps with the new piece. Make sure to leave the factory stainless steel gaskets on the 3 bolt flange since they will be reused when the new piece is installed.
4. Place the new X pipe in the same place as the primary muffler was in. Align all the bolts with the headers flanges and slide into place. Replace the 2ndary

muffler bracket back onto the 3 bolt Header flange over the X pipe and reinstall the factory 13mm nuts but don't tighten fully.

5. Slide the factory sleeve clamps back over the X pipe to rejoin the 2ndary muffler connection and tighten. You can now go back and check all the connections and tighten everything fully.
6. Place the new brackets that are supplied behind the existing factory mounting point and use the supplied hardware to secure the X Pipe to the mount. You want the new brackets to be installed with the bends facing the factory bracket. Reinstall the factory tips and tighten fully. You are now finished and can enjoy the added horsepower and sound.

## 2009 997 & 997 "S" 2ndary Muffler Bypass Pipes

### Tool List:

- 13mm Swivel socket
- 13mm Open end wrench (Short and Long preferably)
- Spray lubricant or WD-40
- Torque/ Star socket for the Tip removal

### Install list:

1. Place car on lift or safely jack up the car as per Porsche owner's manual and always use jack stands. Make sure car is secure at all 4 points. Remove both rear wheels to gain easier access to the rear muffler brackets. Spray some WD40 or lubricant on the 2 bolts on the back of the muffler behind the rear tires, the 2 top bolts at the muffler and Header connection so the 2 bolt bracket can be removed and the sleeve clamps at the Primary and 2ndary muffler connection.
2. Remove the 997 exhaust tips from the car with a torque socket so you do not damage the bumper valance when removing the 2ndary muffler and to gain easy access to the header flange bolts.

3. Use a 13mm socket wrench and loosen the 2 nuts on the both sleeve clamps that secure the primary muffler to the 2ndary muffler and slide them towards the 2ndary muffler side.
4. Remove the 2 nuts on the bracket that sits on back of the muffler behind the rear tires. Then Remove the 2 nuts on both sides at the muffler and header connection with a 13mm socket wrench and a small 13mm open end wrench for the top nut on the triangular flange since its more difficult to reach. Unlatch the 2ndary muffler bracket that sits on the two bolts on the Header flange and move to the side. This will now allow you to remove the 2ndary mufflers from the car.
9. Install the new muffler bypass pipes by sliding them onto the factory Primary muffler. Reinstall the factory tips onto the muffler bypass pipes and align everything. You can now go back and check all the connections and tighten everything fully.
10. Reinstall and torque the wheels to the factory specifications. You are now finished and can enjoy the added horsepower and sporty sound.

## 2009 997 & 997 "S" Headers with Sport Cats

Coming Soon!



## 2009 997 & 997 "S" Air Intake System

1. First open the trunk lid and locate the air intake. First unclip the mass air flow sensors by pushing it in towards the intake and pushing the little clip on the one side to allow it to slide out and put it to the side since you will be putting back into the new intake.
2. Loosen all the clamps that hold the rubber hose on with a screwdriver and lift the entire Airbox out of the car, it will just pop right out. There will a clip connected to bottom of the Airbox with some hoses attached to it. You will remove that clip from the Airbox and just attached it to something on the side with the supplied zip tie.
3. Install our new carbon fiber heat shield by removing the one bottom right corner 13mm motor mount bolt on each side. Then place the small carbon fiber heat shield brackets right in those spots and replace the bolts. There is also two little rubber grommets on the bottom of the Heat shield that will slide into the bottom holes on the car. Tighten those bolts with an Allen key slightly to keep it from moving.
4. Once the heat shield is installed and tightened down you can slide the new Fabspeed air intake onto the intake manifold and tighten the clamps provided. After the Intake and Carbon fiber heat shield are installed, you can go back and check to make sure all the bots are tight.
5. You will need to remove all the bolts around the center of the factory Airbox and this will allow you to split the Airbox in half. You will need to remove the Mass air flow sensor in the tube where the air comes through. Use a small torque wrench and remove the two bolts holding it in. After it is removed, you will install it right onto the new Fabspeed air intake and tighten down. Replace the mass air flow sensors wire with clip just like it was stock and you are finished.

Enjoy the better airflow, power, super throttle response and sports car sound!

## 2009 997 & 997 "S" ECU Removal

Coming Soon!

If you have any questions, please contact Fabspeed tech support.

ENJOY YOUR NEW POWER AND SPORTSCAR SOUND. Let us know what you think and visit [WWW.FABSPEED.COM](http://WWW.FABSPEED.COM) for updates and new products for your car.

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