

Turbocharging System Torque Specs (107/12)

Vehicle Type: **911 Turbo (997)/911 Turbo S (997)**
Cayenne Turbo (92A) / Cayenne Turbo S (92A) / Cayenne S Diesel (92A)
Panamera Turbo / Panamera Turbo S / Panamera S Hybrid

Model Year: **As of 2011**

Equipment: Engine with turbocharging

Subject: **Turbocharging**

Concern: **Repair and assembly work for the turbocharging system**



Information

The **torque** specified in the Workshop Manual is **critical** for the **correct, long-term connection** of the pressure-side turbocharging hoses:

- The hose clamps **must not** be tightened with either a **lower tightening torque** or a **higher tightening torque**.

The hose may slip off in both cases (too loose, too tight) .

⇒ For **these reasons**, and **to avoid having to carry out a repair again**, please ensure that the **following points** are observed:

- Ensure that you observe the tightening torque **figures**,
- especially when carrying out assembly work in the turbocharging pressure range.
- Before assembling, clean the **contact points** (hose, pipe and clip in the vicinity of the connection) of any oil and grease **using brake cleaner** (commercially available) **and a clean, lint-free cloth**.

References: For example:

⇒ *Workshop Manual '1001IN Tightening torques, tightening sequences, assembly overviews for engine'*

⇒ *Workshop Manual '213019 Removing and installing turbocharger'*

⇒ *Workshop Manual '214119 Removing and installing pressure pipe'*

⇒ Workshop Manual '214319 Removing and installing charge-air cooler'

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. If a particular condition is described, do not assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your authorized Porsche Dealer for the latest information about whether a particular technical bulletin applies to your vehicle. Part numbers listed in these bulletins are for reference only. Always check with your authorized Porsche dealer to verify the current and correct part numbers. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© Porsche Cars North America, Inc.

Dealership	Service Manager	Shop Foreman	Service Technician
Distribution	Asst. Manager	Warranty Admin.	Service Technician
Routing			

Dr. Ing. h.c. F. Porsche AG is the owner of numerous trademarks, both registered and unregistered, including without limitation the Porsche Crest®, Porsche®, Boxster®, Carrera®, Cayenne®, Cayman®, Panamera®, Speedster®, Spyder®, 918 Spyder®, Tiptronic®, VarioCam®, PCM®, PDK®, 911®, 4S®, FOUR, UNCOMPROMISED.® and the model numbers and the distinctive shapes of the Porsche automobiles such as, the federally registered 911 and Boxster automobiles. The third party trademarks contained herein are the properties of their respective owners. Porsche Cars North America, Inc. believes the specifications to be correct at the time of printing. Specifications, performance standards, standard equipment, options, and other elements shown are subject to change without notice. Some options may be unavailable when a car is built. Some vehicles may be shown with non-U.S. equipment. The information contained herein is for internal use only by authorized Porsche dealers and authorized users and cannot be copied or distributed. Porsche recommends seat belt usage and observance of traffic laws at all times.

Printed in the USA