

PORSCHE CARS NORTH AMERICA INC.

Technical Bulletin

Model
911 Turbo

Group
1

Subject: Engine Tightening Torque Corrections

Part Identifier
1010

Number
9210

ATTENTION: Service Manager/Service Technician

Models Affected: *911 Turbo from M.Y. 1991*

Concern: The engine tightening torque and thread size for the crankcase screw connection and the tightening torque for the screw neck in the left crankcase half (oil return to the oil tank) given on page 10-1 of Volume 1, 911 Turbo '91 Workshop Manual are incorrect. Please note the following corrections (shaded areas) and write them into the Workshop Manual where necessary.

Tightening torques for the engine

Location	Thread	Tightening torque Nm (Ft. lbs.)
Crankshaft/crankcase		
Connecting rod bolt (marked 12.9)	M 9 x 1.25	
First stage:		15 (11)
Second stage:		2 x 90° ± 2° Angle of rotation
Oil pump	M 8	23 (17)
Crankcase - screw connection (Tension rod union)	M 10 x 1	40 (29)
Hexagon nuts or hexagon head screw, on the crankcase	M 8	23 (17)
Dual-mass flywheel to crankshaft	M 10 x 1.25 x 70	85 (62)
V-belt pulley to crankshaft	M 12 x 1.5 x 22	170 (125)
Screw plug - relief and safety valve	M 18 x 1.5	60 (44)
Oil drain plug (crankcase)	M 20 x 1.5	70 (51)
Screw neck in the left crankcase half (oil return to the oil tank)	M 22 x 1.5	70 (51)
Screw neck in the right crankcase half (oil feed to the oil pump)	M 24 x 1.5	90 (66)

