

PORSCHE

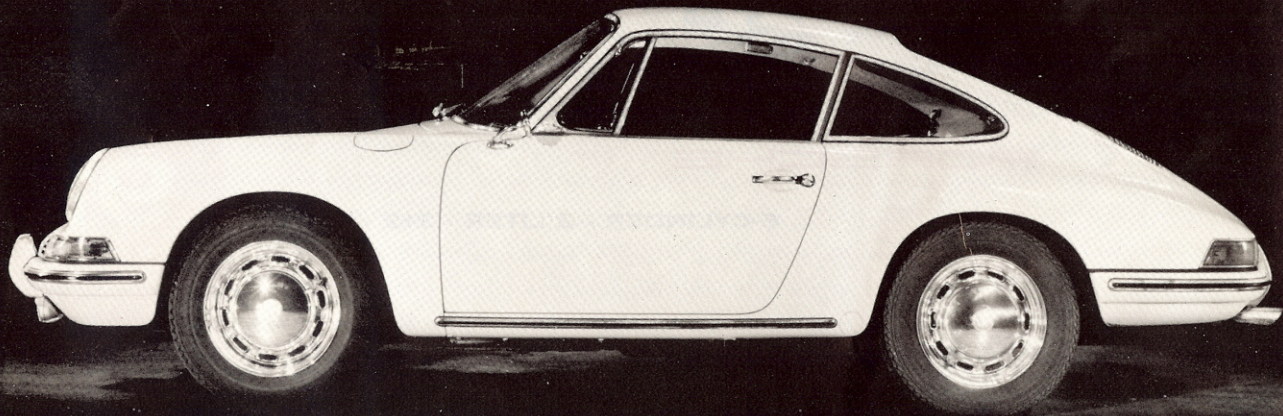
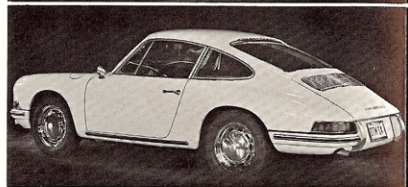
6-CYLINDER • 2 LITER • 2+2 • COUPE

911

In the **PORSCHE** tradition, 6-Cylinder • 2 Liter • 5 Speed Transmission

911

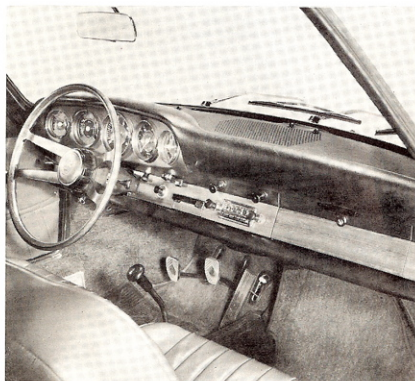
Our Type 911/2000 is not just a new model . . . its the culmination, the ultimate in our continuing search for perfection in a motor car . . . started by Dr. Ferdinand Porsche in 1948 and continued by his son and associates for more than a decade. This is another great car in the true Porsche tradition . . . from the knife-edged front deck, to the slashing swoop of the fast back. Windows are wrap-around, no blind spots, doors are big with a forward accent. The engine's where it belongs in the rear and, of course, air-cooled. But now it's a flat six with 148 horses eager to thrust you from 0 to 60 miles per hour in a mere 8 seconds. The 5-speed Porsche synchromesh transmission, silky smooth, gives you finger tip control up to 130 miles per hour and in every situation. Suspension, steering and ride are typically Porsche, only more so . . . firm, safe, flexible, glued-to-the-road. Here in the 911 is the fulfillment of our dedication to nothing less than perfection in engineering and design.



2+2 Coupe

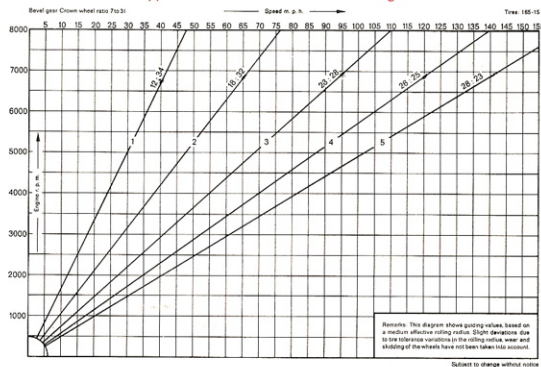


The interior of the 911 is roomy to make this a genuine 2+2. The front seats are wide and luxurious, adjustable fore and aft and fully reclining. Rear seats are comfortable for 2 adults with adequate leg room. The backs of rear seats fold down to make a spacious luggage platform. The roomy front compartment is big to carry several additional pieces of luggage.

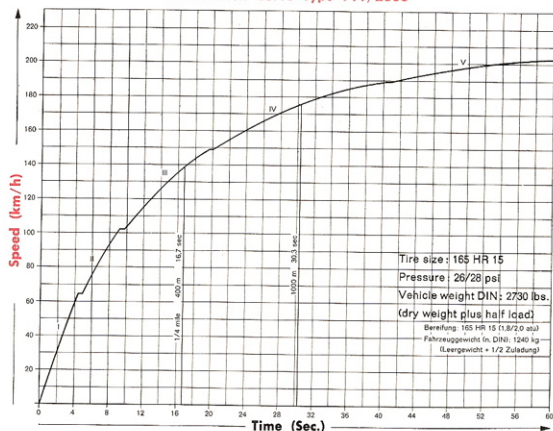


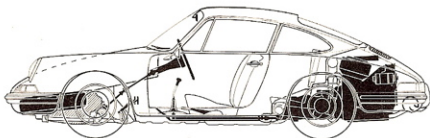
You'll enjoy the feel of the wood steering wheel standard on the 911. The full bank of instruments grouped under non-glare cowl, is directly in front of driver. The easy to read dials are; Gas and Oil capacity gauges, Oil temperature and Oil pressure gauges, Tachometer, Speedometer with daily trip indicator, and Electric Clock. All controls are mounted conveniently on the handsome, hand-rubbed wood fascia. A hand-grip is directly beside the passenger, and the handbrake control lever is at driver's right between seats. Every component in the 911 spells Safety, Convenience and Luxury for driver and passenger.

Type 911/2000 Transmission Diagram



Acceleration Curve Type 911/2000





TYPE 911/2000



PORSCHE

ENGINE DESIGN

Stroke	121.5 cu. in. (1991 cc)
Displacement, actual	121.5 cu. in. (1991 cc)
Compression ratio	9:1
Horsepower (DIN) at rpm	130 at 6100
Maximum torque at rpm (Din)	129 lb.-ft. at 4200 (17.8 mkg at 4200)
HP per liter (DIN)	65
Horsepower (SAE) at rpm	148 at 6100
Maximum torque at rpm (SAE)	140 lb. ft. at 4300 (19.3 mkg at 4300)

TYPE—Horizontally opposed six, carburetor type, four stroke cycle; COOLING—Air cooled; CYLINDERS—Biral (cast iron liner with light alloy fins); CYLINDER HEADS—Light alloy; NUMBER OF VALVES—1 intake, 1 exhaust per cylinder; VALVE ARRANGEMENT—Overhead in V; VALVE GEAR—1 overhead camshaft per bank of cylinders; CAMSHAFT DRIVE—By chain; CRANKSHAFT—Forged steel, 8 main bearings; CONNECTING ROD—Plain journal bearings; BLOWER DRIVE—By V-belt through generator; CRANKSHAFT/BLOWER RATIO—approx. 1:1.415; COOLING AIR VOLUME—49.08 cu.ft./sec. at 6100 rpm (1390 l/sec.); LUBRICATION—Dry sump; FUEL SUPPLY—1 electric fuel pump, 1 mechanical twin fuel pump; CARBURETOR—SOLEX overflow-type 40 B1, a group of three per bank of cylinders.

ELECTRICAL SYSTEM

Rated Voltage	12 V
Battery	45 Ah
Generator	max. 35 Ah, voltage 14 V, three-phase A.C. (max. 490 W)
Ignition	Battery
Firing order	1-6-2-4-3-5
Firing point	at TDC
Spark plugs	BOSCH W 250 P 21 (platinum plug)
Spark plug gap	0.14 in. (0.35 mm)

DRIVE TRAIN

LOCATION OF ENGINE—At rear, behind rear axle; CLUTCH—Single dry plate; TRANSMISSION—Porsche servo-thrust synchronization; NUMBER OF SPEEDS—5 forward, 1 reverse; FINAL DRIVE—Spiral bevel gears and differential; AXLE RATIO—7.31, i = 4.428; POWER TRAIN—Through half axles to rear wheels.

CHASSIS AND SUSPENSION

FRAME—Welded, pressed steel sections unitized with body; FRONT SUSPENSION—Independent, with transverse control arms and guide struts; FRONT SPRINGING—One round section torsion bar per wheel longitudinally mounted; REAR SUSPENSION—Independent, with longitudinal control arms; REAR SPRINGING—One round section torsion bar per wheel transversely mounted. Drive through half axles; SHOCKABSORBERS—Hydraulic, double-acting telescopic shock absorbers front and rear; SERVICE BRAKE—Hydraulic disc brakes on all four wheels; HAND BRAKE—Twin-servo drum brake, mechanical on rear wheels; EFFECTIVE BRAKE DISC DIA.—front 9.26 in. (235 mm), rear 9.57 in. (243 mm); BRAKING AREA PER WHEEL (SERVICE BRAKE)—front 8.14 sq. in. (52.5 cm²), rear 6.20 sq. in. (40 cm²); TOTAL BRAKE SWEEP AREA (SERVICE BRAKE)—29.45 sq. in. (185 cm²); HANDBRAKE DRUM DIA.—7.09 in. (180 mm); TOTAL BRAKE SWEEP AREA (HANDBRAKE)—30.1 sq. in. (194 cm²); RIMS—4.5 J x 15; TIRES—165 HR 15; STEERING—ZF rack and pinion, with hydraulic damper; STEERING RATIO—1:16.5; CAMBER (dry weight DIN)—front +4°, rear -1° 6'; KINGPIN INCLINATION (dry weight DIN)—10° 56'; TOE-IN (dry weight DIN)—front 15 -20°, rear 0 to -2°; CASTER (dry weight DIN)—7° 45'.

GRADE CLIMBING

Weight of vehicle (DIN)	2730 lbs. (1240 kg), dry weight plus 2 persons and 66 lbs. (30 kg) of luggage
1st gear, max. gradient	59%
2nd	32%
3rd	19%
4th	13%
5th	10%

CAPACITIES

For lubricants see lubrication schedule. ENGINE—approx. 9 qts. (9 lit.) HD oil, summer SAE 30, winter SAE 20; TRANSMISSION AND DIFFERENTIAL—approx. 2.5 qts. (2.5 lit.) Hypoid SAE 90; FUEL TANK—15.5 U.S. gal. of which 1.5 gal. are reserve (62 lit. of which 6 lit. are reserve); FUEL GRADE—approx. 98-100 ROZ (Super); BRAKE FLUID TANK—approx. 6.8 fl.oz. (0.2 lit.); WINDSHIELD WASHER—approx. 3 pt. (1.5 lit.).

DIMENSIONS AND WEIGHTS

Wheelbase	87.1 in. (2211 mm)	Dry weight DIN	2376 lbs. (1080 kg)
Track, front	52.7 in. (1337 mm)	Max. permissible weight	3080 lbs. (1400 kg)
rear	51.9 in. (1317 mm)	Max. axle load, front	1320 lbs. (600 kg)
Overall length	164.0 in. (4163 mm)	rear	1848 lbs. (840 kg)
Overall width	63.4 in. (1610 mm)	Engine weight	approx. 405 lbs. (184 kg) complete without oil
Overall height	51.97 in. (1320 mm)	Transmission weight	approx. 110 lbs (50 kg) complete with oil
Ground clearance	5.91 in. (150 mm)		
Turning circle	approx. 33.8 ft. (10.3 m)		

PERFORMANCE

Top speed	130 mph (210 km/h)
Power/weight ratio	19.4 lbs./HP (8.8 Kp/PS)

(1 person plus dry weight according to DIN)