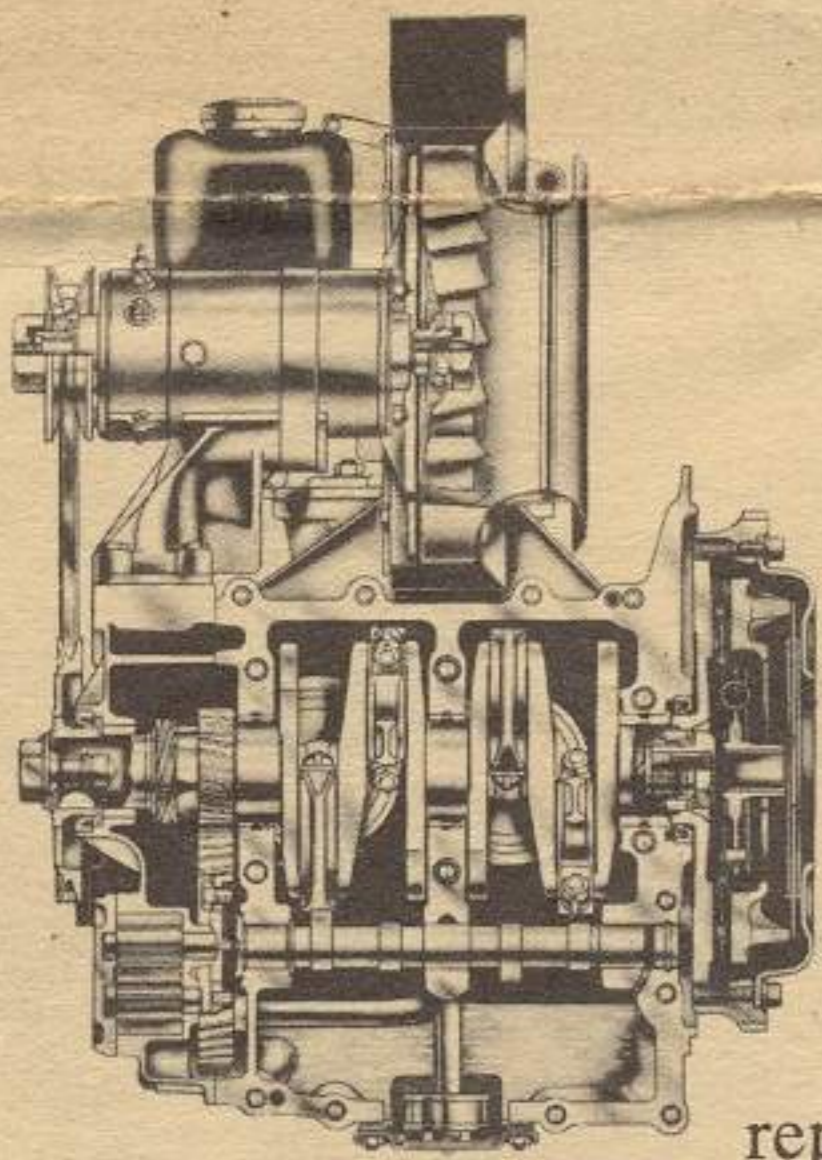


PORSCHE

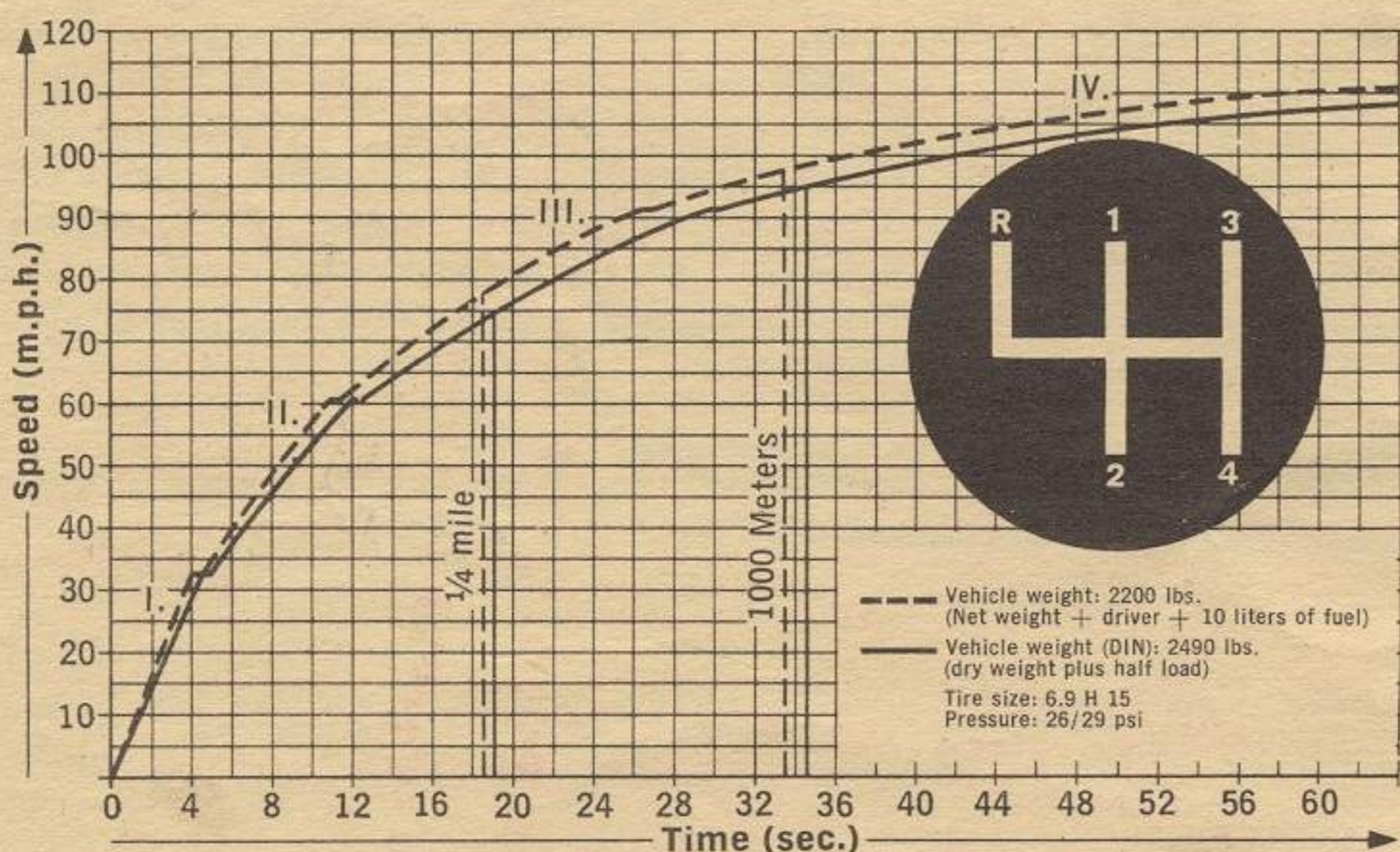
912



The Porsche 912 is an excellent choice for the driver who is making his first venture into the high performance field. It has the same basic steering and suspension systems as the more expensive Porsche 911 and 911S, and it is equipped with the same disc brakes on all four wheels as the 911. As standard equipment, the 912 has the highly-regarded Porsche full-synchromesh 4-speed transmission, or optionally, the famous 5-speed gearbox used on Porsche racing cars. Power is efficiently provided by the durable 102-hp (SAE) Porsche air-cooled 4-cylinder engine.

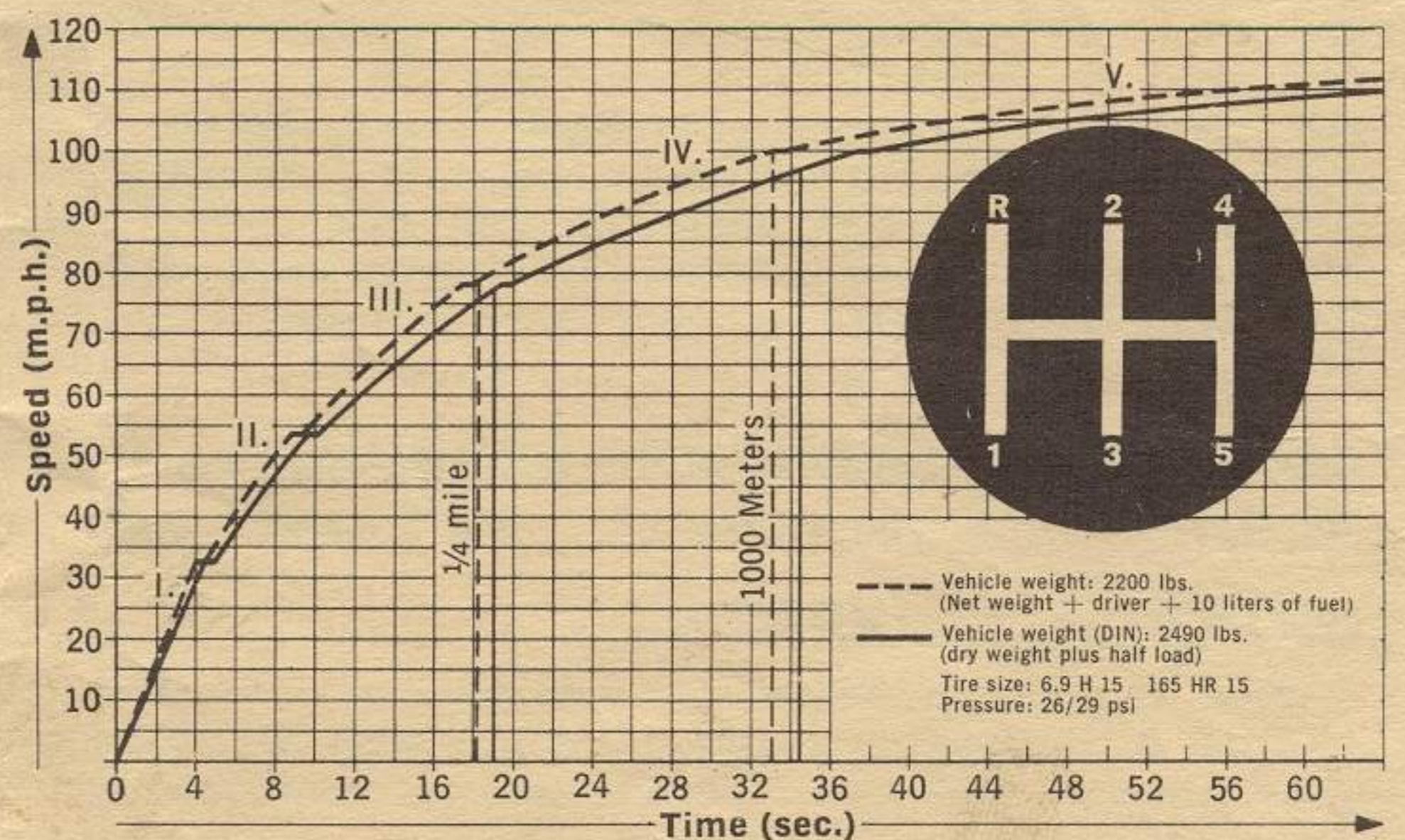


This hand-assembled, aluminum-alloy Porsche engine has a well-earned reputation for dependable, trouble-free operation.



Acceleration Curve / Type 912 / Standard 4-speed transmission

Both Porsche transmissions are fully synchronized to permit shifting into first as well as other forward speeds while the car



Acceleration Curve / Type 912 / Optional 5-speed transmission

is in motion—a real advantage on mountain roads and in stop-and-go city traffic.

PORSCHE

912 SPECIFICATIONS

ENGINE Number of cylinders: 4. Bore: 3.25 in. (82.5 mm). Stroke: 2.91 in. (74.0 mm). Displacement, actual: 96.5 cu. in. (1582 cc). Compression ratio: 9.3:1. Horsepower (SAE): 102 (90 HP/DIN) at 5800 rpm. Maximum torque (SAE): 90 lbs./ft. (12.4 mkp) at 3500 rpm. Horsepower per liter (DIN): 57.

ENGINE DESIGN Type: Horizontally opposed, four-stroke cycle, air-cooled. Cylinders: Cast iron liner in finned light alloy jacket. Cylinder heads: Light alloy. Number of valves: 1 intake, 1 exhaust per cylinder. Valve arrangement: Overhead in V. Valve drive: Pushrods. Camshaft drive: Gear type. Crankshaft: Forged, 4 plain journal main bearings. Connecting rod: Plain bearings. Blower drive: V-belt through generator. Lubrication: Pressure lubrication. Fuel supply: 1 mechanical fuel pump. Carburetor: 2 dual-throat downdraft, Solex 40 P II-4.

ELECTRICAL SYSTEM Rated voltage: 12 volt (generator). Battery: 45 Ah. Ignition: Battery coil and distributor. Firing order: 1-4-3-2. Spark plugs: Bosch W 225 T 1, Bosch W 225 T 7.

DRIVE TRAIN Location of engine: At rear, behind axle. Clutch: Single dry plate. Transmission: Porsche servo-thrust synchronization. Number of speeds: 4 forward, 1 reverse (5 speed optional). Location of shift lever: Central floor change. Final drive: Spiral bevel gears and bevel gear 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 telescopic hydraulic dampers. Front springing: Longitudinally mounted round section torsion bar, one per wheel. Rear suspension: Independent, with longitudinal control arms. Drive through half axles. Rear springing: Transversely mounted round section torsion bar, one per wheel. Shock absorbers: Hydraulic, double-acting telescopic shock absorbers front and rear. Service brake: Hydraulic disc brakes on all four wheels. Handbrake: Mechanical twin-servo drum brake, 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 swept area (handbrake): 32.5 sq. in. (210 cm²). Rims: 45J x 15. Tires: 6.9 H 15 (165 HR 15 optional). Steering: ZF rack and pinion. Steering ratio: 1:16.5.

TRANSMISSION GEAR RATIOS 1st gear = 11:34/11:34. 2nd gear = 18:34/19:32. 3rd gear = 22:29/24:27. 4th gear = 25:26/28:24. 5th gear = 28:24. Reverse = 11:16-20:43.

GRADE CLIMBING Weight of vehicle (DIN): 2490 lbs. (1126 kp) dry weight plus half load. 1st gear max. gradient: 46%/46%. 2nd gear, max. gradient: 25%/22%. 3rd gear, max. gradient: 16%/12%. 4th gear, max. gradient: 11%/8%. 5th gear, max. gradient: 8%.

CAPACITIES Engine: approx. 4.2 qt. (4 lit.) HD oil. Transmission and differential: 2.65 qts. (2.5 lit.). Fuel tank: 16.4 US gals. (62 lit.). Brake fluid reservoir: approx. 6.8 fl. oz. (0.2 lit.). Windshield washer: approx. 2.2 qts. (2.0 lit.).

DIMENSIONS Wheelbase: 87.05 in. (2211 mm). Track, front: 53.3 in. (1353 mm). Track, rear: 52.0 in. (1321.4 mm). Overall length: 163.90 in. (4163 mm). Overall width: 63.39 in. (1610 mm). Overall height (unladen): 51.97 in. (1320 mm). Ground clearance: 5.91 in. (150 mm). Turning circle: approx. 33.8 ft. (10.3 m).

WEIGHTS Dry weight (DIN): 2134 lbs. (970 kp). Max. permissible weight: 2838 lbs. (1290 kp). Max. axle load, front: 1254 lbs. (570 kp). Max. axle load, rear: 1650 lbs. (750 kp). Engine weight: approx. 254 lbs. (115 kp) complete without oil.

PERFORMANCE Top speed: approx. 115 mph (185 km/h). Power/weight ratio (1 person plus dry weight DIN): 21 lbs./HP/SAE (10.7 kp/HP/DIN). Fuel consumption: 27.6 mpg (8.5 lit./100 km).

STANDARD EQUIPMENT ON ALL 1967 PORSCHEs

ENGINE Air-cooled, rear-mounted engine with horizontally opposed cylinders. **TRANSMISSION** Fully synchronized Porsche-patented gearbox. **BRAKES** Self-adjusting disc brakes on all four wheels, plus shoe-and-drum parking brakes on the rear wheels. **WINDOWS** Electric windshield washer with automatic operation of wipers. 3-speed windshield wipers. Burglar-proof front & rear quarter windows. Anti-glare interior rear-view mirror. Laminated, safety-glass windshield. Hot-air defroster for rear window. **LIGHTS** Two back-up lights. Rheostat-controlled lighting on instrument panel. Luggage compartment convenience illumination. **SIGNALS** Twin signal horns. Headlight flasher. Emergency flasher. Horn ring. **INSTRUMENTS** Speedometer with odometer and trip mileage counter. Tachometer. Electric clock with elapsed-time marker. Fuel gauge with reserve-level warning light. Oil temperature gauge. Signal lights indicating battery charging, low oil pressure, turn signals, high beams, parking lights, and parking brake. **LOCKS** New SAE safety locks on both doors, securable from outside by key, inside by lever. Lockable glove compartment. Fuel-tank cap, engine lid, and trunk openable only from inside of car. **INTERIOR** Anti-glare instrument panel, heavily padded both top and bottom. New synthetic carpet for floor tunnel and side panels. Combination cigarette lighter/electrical outlet. Assist-handle for passenger. Arm rests also serve as door pulls. Secure anchorages for seat belts. Convenient clothes hook on each door post. Two padded anti-glare, heat-reflecting sunvisors, with mirror on passenger side. Map pocket in each door. Fully adjustable reclining seats. Heater and fresh-air vents. Porous headlining for draft-free interior ventilation. Backs of rear seats fold down to make a luggage platform with non-skid, safety molding. Fasteners for luggage straps. Slide-in ashtray. **MISCELLANEOUS** Rugged, monocoque construction, created by welding chassis, frame and body into one strong, rattle-free unit. 12-volt electrical system. Improved, 3-point mounting of engine. Towing hook. Undercoating. Touch-up paint dispenser. 9 exterior colors. 4 interior colors.

ADDITIONAL STANDARD-EQUIPMENT FEATURES OF THE PORSCHE 912

102-hp (SAE), 4-cylinder Porsche engine. 4-speed, fully synchronized Porsche transmission.

OPTIONAL EQUIPMENT

5-speed transmission. Electrically operated gas heater with air blower. Fog lights. Forged light-alloy wheels. Solid rubber inserts on front & rear bumper guards. Chrome wheels. Wooden steering wheel. Radio. Head rests. Electrically operated sun roof. Tinted glass. Luggage roof rack. "Porsche air" air conditioning.