VW-Porsche Vertriebsgesellschaft mbH Sales Program 1970





The VW-PORSCHE-Vertriebsgesellschaft mbH presents its 1970 sales program

> PORSCHE 911 F 220 kph (137 mph)

VW-PORSCHE

Two great names in the automobile industry combine to form a new market image. This represents a new stage in the long-established co-operation between one of the world's greatest automobile companies and the flouse of Porsche, a sound that the history of automobile spot which would be successed on racing pircuits and the roads of the world have this year culminated in the manufacturer's world championship.

The WK-Porsche Vertriebsgesellschaft mbH, founded jointly the Volkewagen-merk AG and Dr.-Ing. h. c. F. Porsche KG. has its registered offices in Stuttgart, West Germany, Its task is the marketing of the classic Porsche range of vehicles and also the VW-PORSCHE 914 and 914/6 sport cars.

The VM-PORSCHE 914 and 914/6 models represent an extension and complement to the classic range of sport cars – the 911 series – offered by Porsche, and fill a gap in the lower price categories. The concept and design of these jointly developed vehicles demonstrates Porsche's lengthy experience in the construction of sports cars. They enable the VM-Porsche Vertrebsgees 16-5 and 10 with in quality and scope, range for 1970 which, in quality and scope, rentuesiates all over the world – backed by a close-knit and reliable after-sales service organization.

organization.
This booklet is intended to give you an overall view of the models included in this read with the models included in this read by new sascoitables in our organization who have not previously sold the 'classic' Porscher ange, it provides complete details of these models as well. It is quite probable, however, that even experienced Porsche salesman will find a few details with which they were unfamiliar, or will will will be the salesman will find a few details with which they were unfamiliar, or will memory on certain points.

work.

Concept of the VW-PORSCHE 914 model range

The VW-PORSCHE 914 models have been developed on the basis of a decision by Porsche and Volkswagen to build sports cars in a price category which would represent a natural complement to the existing and well-received vehicle range at the lower end of the price scale. The aim was to provide a design concept, together with craftsmanship and equipment quality, which would dentify the new cars as great or the standard which great cars of the standard which well are standard when the provided as the provided and the provided as the provided

directed, the VW-PORSCHE 914 models were planned and laid out as pure sports cars. It can well be imagined that the competition experience gained by Porsche played a decisive part in determining the character of the new development. Thus the mid-engine principle, taken over directly from racing-car practice, is an essential feature in the design of the VW-PORSCHE 914. Full-scale exploitation of the advantages of the mid-engine principle has meant sacrificing the usual emergency rear seats and storage space inside the car. However, the excellent weight distribution resulting from the central position of the center of gravity has ensured that the new design possesses quite outstanding handling and roadholding characteristics.

Seat width in the VM-PORSCHE 914 is in addition so generous that both driver and passenger have ample freedom of movement. The storage space is no longer located behind the seats but in two separate luggage compartments with a total capacity of 480 liters (16.2 cu. ft.), so that luggage space is quite comparable with that provided in the average compact

Styling and Body equipment



The high, domed windshield and the safety roll bar with vertical rear window ensure that the open car can be driven with a minimum of disturbing air currents and wind noise. In this way the VV-PORSCHE 914 models represent an ideal combination of the beet features of a sports coupé and a convertible.

The low height of the midengine enables the wellstine to be kept low in turn. Electrically operated opo-up main headlamps form a harmonicus continuation of the elegant lines. Additional halogen headlamps are installed as standard in the front bumper. Wide shaped rubber strips above the bumpers provide protection against minor demage when maneuvering and parklon.

The underside of the bodyshell is underseal protected before leaving the factory. Both doors can be locked from outside with the ignition key, and from inside by operating safety lock buttons. The driver's door can also be locked from the outside without using the key. The safety button is simply pressed and the outside door handle door handle kept.

raised while the door is shut.

Bumpers with shaped rubber protective strips and additional headlangs.



lein headlumps closes







914/914/6



VW-PORSCHE 14 models where an all steel lands being two done all steel lands being two done bodyshell with integral safety roll for and nowshelp plantic roof. The body's assembly to form a superior assembly to form a superior The afteriaminous shape of the VW-PORSCHE 914 and VW-PORSCHE 914 and

smooth on the underside, and

stance enables high road





The body is divided into several compartments by transverse bulkhoads which also contribute additional rigidity. The individual sections of the body are: Front luggage compartment, fuel tank cell, passenger space, engine compartment, rear luggage compartment, rear luggage compartment. The front and rear sections are arranged to deform easily and absorb emerg in the event of violent impact. The passenger section forms a torsionally rigid safety cell within the body structure. The rigid plastic roof used on the 914 is light in weight, absolutely weatherproof and easily removable in a few.

simple movements. It is attach-

Ficer luggage compensance, 233 have (ILB cult.)





ed to the windshield frame by two looking catches, with a further two catches at the rear on the roll bar. The roof can be easily removed and stored in the rear luggage compartment. In this position only a small amount of useful luggage compartment height is lost.

6

Equipment and trim

Instrumente

The VW-PORSCHE 914 is provided with the complete range of instruments needed for safe control and operation of a Except for minor variations the

same instruments are used on both VW-PORSCHE 914 and 914/6 models. The version with the more powerful engine calls for different dial calibrations on the speedometer and tachometer and the windshield washer control, also differs in

Styling and layout of the dash. board and instrument panel have been planned to meet the demand for rapid effortless operation of all controls and a clear view of the instruments at all times without rick of onefusion in critical situations

The speedometer, with total

They are located in the

and trip mileage adometers meter both have large round dials with illumination of continuously variable intensity. driver's direct field of view. and have anti-place matt black

The dial markings are matt maximum visibility. A circular combined instrument dial houses warning lights for oil pressure battery charge handbrake (also oil temperature on 914/6) and the fuel gauge.

All knobs are recessed into the padded dashboard, and the levers made from flexible each control is marked with a





Equipment

The Interior of the VW-PORSCHE 914 and its equipment ere designed to ensure that both the driver and passenger of this sporting vehicle can cover long distances without fatigue in maximum safety.

Anatomically correct sportscar seats complete with head fast, without restricting the freedom of movement easential for guidk reactions in an ordered with leatherette upholstery, or cloth covered with leatherette edge trim. At extra charge the 914/6 is available with genuine leather seats. The driver's seat has forward and back adjustment, as well as 4 different height and tilt posidrivers of widely varying height or with differing driving styles. The passenger's seat back is permanently attached to the car's interior, and an adjustable toeboard is provided to

braced during fast driving

Brushed pile carpets matching the trim color are provided.

The VW-PORSCHE 914 models are equipped as standard with a wide range of equipment items calculated to satisfy the most demanding driver. for example three-point seat belt anchorages, combined armrests and door pockets, a passenger grab handle, paddrear view mirror with anti-glare device and mounting bracket which yields on impact, cinar lighter with handlamp socket. safety padded pull-out ashwipers with two speeds (914) or three speeds (914/6) a pneumatic (914) or electric headlamp flasher, all-round

Heating and ventilation are separately and continuously variable. Both heater output and fresh air supply can be directed upwards or towards the feet. Fresh air flow can be boosted by a three-speed blower. On the VW.

hazard warning flashers 2

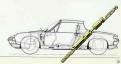
backup lights and additional halogen headlamps in the front

PORSCHE 914 an additional blower ensures adequate heater output at low engine

Forced stale air extraction from the car's interior is provided, with air outlets at the base of the safety roll har



y Interior with ample recents mo



914

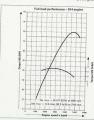
Output and performance

914 - performance

The air-cooled 1.7 liter 4-cylinder horizontally opposed engine of the VW-PCRSCHE 914 develops 80 HP (DIN) at 4900 rpm. With it, the 900 kg (1985 lb) vehicle can reach a top speed of 177 kph (110 mph). It accelerates from 0 to 100 kph (0 to 62 mph) in 13 seconds.

and has a power/weight ratio of 11.2 kg/HP (20 HP/hm). Since torque is in excepts of 12 ming RB hill plant with the wide engine speed range from 1800 to 4800 rpm. Robbility of the 914 engine is excellent even indense city traffic or jams. Maximum torque of 13.8 ming (98.3 lb/H) is developed at 2700 rpm. In addition, the standard five speed goarbox is

capable of providing the correct gear ratio for any road situation. The VW-PORSCHE 914 is available also with optional "Sportomatic selective automatic transmission







914/6

914/6 - performance

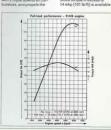
The VW-PORSCHE 914/6 6-cylinder model uses the wellproven air-cooled 2 liter engine installed in the Porsche 911T during 1969. Output is limited to 110 HP (DIN). In this form the engine is equipped with 2 trains desembled reserve

940 kg (2027 lb) weight of the car at a top speed of 201 kgh (125 mph). Acceleration from 0 to 100 kgh (62 mph) in 9.9 seconds, and a power/weight ratio of 8.5 kg/HP (119 HP)ton) are values which emphasize the sporting character of the VVM-D/BSFCHF shalls.

Since torroug in aveges of

over the entire engine speed range from 2250 to 5750 rpm — with maximum torque of 16 mkp (115.7 lb/ft) reached at 4200 rpm — the flexibility of the VW-PDRSCHE 914/6 6-cylin-der astifishes the most demanding owner. The five-speed maximum by the five-spe

The VW-PORSCHE 914/6 is available with the option of 'Sportomatic' selective automatic transmission.



Acce	leration - 91-	6/6
liph	mph	sec.
0-40	0-25	2.6
0-60	0-37	4.8
0-80	0-50	7.0
0-100	0-62	9.9
0-120	0-75	14.0
0-140	0-87	19.2
0-160	0-100	26.5
0-180	0-112	37.0

equipment makes it possible

to drive the unhigh is a highly

sporting manner if so desired

A STATE OF THE STA

Performance graph, (IC4)

Roadholding

The chassis of the VW-PORSCHE 914 and 914/6 models uses independent suspension all round, the supension characteristics being matched in each case to the available performance. The result, in conjunction with the mid-engine position, is outstanding directional stability

and cornering power. Here the enormous experience gained by the House of Porsche in the design and construction of competition road vehicles can clearly be detected.

Front avia

VW-PORSCHE models are equipped with the thoroughly tested space-saving front axle used on Parache 911 cars Despite a low boad line this enables a wide, deep luggage compartment to be incorporated at the front. The front

wishbones, with longitudinal torsion bars and shock absor-

Rear ayle

The rear wheels are carried on semi-trailing arms, and suspended by spring struts which combine a coil spring, a double-acting shock absorber and a Vulkollan hollow auxi-





liary spring. Power is trans-

mitted to the rear wheels by

2 halfshafts with double uni-

versal joints.

Front auspension, with ventilated disc brake (6046). Rear ausperator, with large-area disc broke

Steering

A three-piece steering column with no-maintenance universal joints and cranked center eaction operates the light-action direct rack und pinion steering, which enables the vehicle to be controlled with great accuracy and precision. Since the weight of the engine in no longer supported by the

front axle, power assistance is unrecessory. The steering reduction ratio is 17.8.1, or 3 turns of the steering wheel from lock to lock. Minimum turning circle diameter is about

11 meters (36 feet).

Brakes

VW-PORSCHE 914 models have self-adjusting disc brakes on all 4 wheels, and a selfadjusting handbrake operating mechanically on the rear discs. The handbrake lever is beside the driver's seat and so can be reached comfortably even when wearing safety belts. incorporates a pressure limiting valve to prevent excessive rear wheel braking and the risk of tell sliding if the brakes are applied violently. The VW-PORSCHE 914/6 model has ventilated front brake discs to suit its somewhat higher road performance.



Resability and conomy



The VW-PORSCHE 914 has a tally opposed engine with Boach electronically controlled front of the rear axle, and com-

On each side, a single light alloy cylinder head is bolted onto a pair of special gray cast

gear type pump driven from

driven by pushrods and rockers drive to the camshaft is by helizontally opposed cylinder with its four main bearings can

be kept exceptionally short. The engine is lubricated by pressure oil circulation, with a

cooler mounted in the airflow cooling air blower is mounted crankshaft. Airflow is controllstat. The maximum flow rate at 4600 rpm is approx, 800 liters (14.1 cu.ft) per minute.

The oversquare 1.7 liter engine develops 80 HP (DIN) at 4900

rom and has a fuel consumpmethod, of 9 liters per 100 km (26 US mag, 31.4 Imp, mpg). With a bore/stroke ratio of 90/66 mm and a mean pistor speed at maximum road speed

that achieved by the majority

of sports cars

The compression ratio of 8.2-1 makes the 914 engine capable grades. The well-tested design der power unit, together with sustaining high speeds without ill effect



model, this unit is installed in

speed gearbox and final drive

2 liter unit developing 110 HP

similar form to power the 1969

The six cylinders are arranged

banks of three on the right and

in two horizontally conosed

which was used in basically

the mid-engine position in

bined with the clutch, five

to form a single unit.



inverted V layout in the hearls and operated by rockers direct from an overhead camshaft on each cylinder bank. The camshafts are driven by chains and intermediate gear pinions from the crankshaft.

The forged crankshaft has eight main bearings. Two triple supply fuel-air mixture through short intake pipes to the

combustion chambers of each cylinder. Dry sump Jubrication rupted supply of oil to all bearing surfaces even when the

engine is subjected to severe speed. Lubricating oil is cleanmeans of a thermostatically controlled oil cooler. An afternator and the axial engine cooling blower are driven by

nulley

The engine is a pronounced stroke ratio of 80/66 mm, so that the mean piston speed of distinctly below that usually units. With fuel consumption according to the DIN standard test method of only 9 liters per 100 km (26 US mpg. 31.4 lmp.

mpg), and a compression ratio

capable of notable performance without losing its repumical unit for reliable everyday has been in series production for Porsche vehicles for some for its reliable power output

and durability.



of 8.6:1, the 914/6 engine is:

Active and passive safety

In the VW-PORSCHE 914 cars all the experience gained by both VW and PORSCHE during their safety research programs has been incorpo-

We refer to all design features ordesign-influenced characteristics which serve to prevent accidents air active sefety measures, whereas all design features intended to reduce the effect of accidents once they occur are described as "assaive" asidty measures.

Active safety

VW-PORSCHE cars have a very low center of gravity. exceptionally good weight distribution with almost exactly 50% of the weight on the front wheels and 50% on the rear wheels and a standard 5-speed gearbox to ensure that engine power can always be used to best effect and for maximum acceleration. These built-in reserves of roadholding ability and accelerating power help to reduce the element of danger when a tricky road situation is encountered and provide increased security by cutting down overtaking times

Even ofter repeated emergency applications from high speed, the four large-diameter disc brakes continue to operate at maximum efficiency. On the VVP-PORSCHE 914/6 the increased available performance has been taken into account by the provision of ventilated from thrake diese.

Dual brake circuits ensure adequate braking affect even if one circuit should fail.

A brake pressure limiting valve prevents overbraking at the rear, so that the tail cannot swing wide if the rear wheels lock during a violent brake application.

The excellent straight-running distracteristics of the VW-PORSCHE 914 models and their light action direct steering enable the car to be steered out of the way of sudden obstacles without loss of stability.

The sports seats with built-in head restraints are anatomically correct in shape, and provide good lateral support for fast corneiring without restriction the face of the state of the sta

necessary for fast reactions in an emergency. The driver's seek has ample adjustment facilities to suit any driving position and thus prevent premature fattgue in long journeys. Draft-free forced stale are extraction from the car a suit extraction from the car for the continuous of the continuous production of the continuously changing the air y supply.

Well placed controls and switches, clearly marked with symbols indicating their functions, clearly visible, non-glare instrument dials and halogen arditional has first and services.



their contribution to safe, relaxed driving. The two-speed (914) or three-speed (914/6) windshield wipers with their mat black wiper arms and the combined wiper-washer unit ensure clear vision at all times and thus adequate information concerning the movements of other traffic and the state of

Sports costs with head reens

the road.



VW-PORSCHE 914 models include a host of measures designed to reduce the effect of accidents – contributions to passive safety.

The laminated windshield, the three piece cranked steering column, the impact absorbent steering wheel with recessed boss and large-area padded horn push are all planned to give the driver and passenger maximum possible protection in the event of an accident.

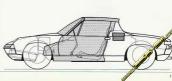
The dashboard is padded at its upper and lower edges, and all switch knobs are either recessed or else made from resilient material. This will largely prevent minor injury in

the event of a violent collision.

The fuel tank is located in an impact-proof zone behind the front luggage compartment and the spare wheel, and is scarcely likely to suffer damage in an accident.

The front and rear sections of the all-steel load bearing bodyshell are designed to deform energy, while the passenger compartment forms a torsionally rigid safety cell inside the main bodyshell. The safety roll bar which forms an integral part of the body spans the rear of the passenger compartment even when the roof is removed, and thus ensures the occupants of protection at all times,







Tachometer 0-7000 rpm

Speedometer 0-200 kph

Ignition-starter switch on

(0-125 mph)

steering column

Two speed wipers

color as rest of car

Pneumatic windshield washer with push button in wiper

Safety roll bar painted same

Bumpers painted same color

Engine

Instruments

Exterior equipment

Brakes

Wheels

Tires

* Optional on 914 if 'S' pack

914/6

6 cylinders, 2 liters, 110 HP.

Tachometer 800-8000 rpm

Speedometer 20-250 kph (10-160 mph) Oil temperature gauge lanition-starter switch on

steering column Laminated safety glass Hand throttle lever

Three speed wipers Electric windshield washer

steering column

. Safety roll har covered with

textured black leatherette * Bumpers chromium plated

41/2 J x 15 steel rims 155 SR 15 tubeless

Ventilated front discs 165 HR 15 with tube

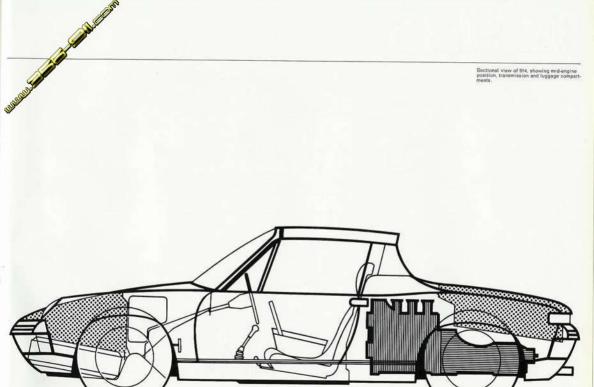
Wat are

the differences

VW-PORSCHE

914 and 914/6 models?

between the



4914/6

	VW-PORSCHE	914	914/6
Ergine	Number of cylinders Bore x stroke Displacement Compression ratio Output (DIN) Mac torque Mean piston open Output por liber	4 90 mm (3.54 in.) x 66 mm (2.6 in.) 1679 cc (102.4 cu.in.) 82:1 90 HP at 4990 ppm 13.6 mkp (86.3 lb/H) at 2700 ppm 10.7 m/sec (2106 ft/min.) 43 HP	6 50 mm (3.15 in) x 60 mm (2.6 in.) 1901 co (1715 co.in.) 1901 co (1715 co.in.) 110 First 3500 mp 110 First 3500 mp 110 First 3500 mp 110 First 3500 mp 115
Eegine design	Layout Cylinders Cylinder heads Valve arrangement Valve gerangement Valve operation Careabalt drive Cooling blover drive United the Cooling blover drive All supply Mister properation	Air cooled four-atroke spark ignition, he Gray cast true. Control of the cooled parallel Control censhaft, poulvrode and rodders Georgieses Control of the Control of Georgieses Control of Fonced circulation Electric fuel pump Electric fuel spection.	Cray can from Light allay Derethead, Varyond Derethead, Varyond Derethead, Varyond Derethead, Varyond Derethead, Varyond Derethead, Varyond Chain Veb betti (Daloo divising generator) Discrice (Salpange) Little Can Joseph
Electrical equipment	Alternator Battery Ignition	770 West 12 V 45 Ampiller Battery and coil	770 Wat: 12 V 45 Amphr High tension battery-capacitor
Transmission	Engine position Clutch Manual gearbox Number of speeds Rear axle ratio (number of teeth)	Mild-registe, in front of rear axio. Biogle dry plate Pervade basis synchronosh 4489: (7.3) species 4489: (7.3)	
Chassis and suspension	From suppossion Front suppossion Front suppossion Front springs Pair suppossion Heer springs Shock absorbers Foot brake Foot Foot Brake Foot Foot Brake Foot Foot Foot Foot Foot Foot Foot Foo	Wooder amount interflow, seaton frame wellet to load bisoning in letter broigheit Violence and other doctore through the seaton frame well and the seaton frame and the seaton fr	
Copacities	Engine oil Fuel tank Windshield washer repervoir	3.5 liters (3.7 US ets. 6.2 limp. pints) 62 liters (16.4 US gal., 13.6 limp. gal.) approx. 2.5 liters (2.6 US quarts, 4.4 limp. pints) pneumatic	9 liters (9.5 US ots. 15.8 linp. piets) 62 liters (16.4 US, gal., 13.6 linp. gal.) approx. 2.8 liters (3 US quents, 43 linp. pietal) electric pump
Dirrensions	Wheehead Track, frent Track, erer Length With Height (unladern) Ground clearance (ladern) Turning circle Lugage compartments	2450 mm (96.8 in.) 1337 mm (54.5 in.) 1344 mm (54.5 in.) 3885 mm (156.9 in.) 1650 mm (65.5 in.) 1230 mm (45.6 in.) 120 mm (47.6 in.) 11 metern (36.7 oot) Front 210 liters (7.4 out), rear 250 liters Front 210 liters (7.4 out), rear 250 liters	2400 mm (50.8 lm) 1308 mm (50.8 lm) 1308 mm (54.4 lm) 1308 mm (54.4 lm) 1308 mm (54.4 lm) 1600 mm (65. lm) 1208 mm (65. lm) 1208 mm (63.8 lm) 11 matters (35 feed) (68.6 u.lm) (68.6 u.lm)
Weights	Usladen weight (to DIN standard) Permissible gross weight Permissible ade loads frontfreer	900 kg (1984 lb) 1220 kg (2890 lb) 650 kg (1433 lb) / 650 kg (1433 lb)	940 kg (2072 b) 1200 kg (2778 b) 650 kg (433 b) / 700 kg (1543 b)
Performance	Power/weight ratio (to DIN Standard) Acceleration 0-100 liph (0-02 mph) at DIN unladen weight + ½ payload Fael consumption (DIN standard test)	177 kph (110 mph) 11.2 kg/HP (90 HP/ton) 13 sec. approx. 9 litera per 100 km (36 US mpg.	500 kpr (129 nph) 85 kp/HP (189 kPhon) 9.9 npc; 3.1 A lmp, mpg) Supor grade fuel