

914 SPECIFICATION CHART

914

914 CALIFORNIA

914S

| | | | |
|----------------------------|--|-------------------------|--------------------------|
| <u>ENGINE</u> | 4 | 4 | 4 |
| Number of Cylinders | 4 | 4 | 4 |
| Bore inch | 3.54 in. | 3.54 in. | 3.70 in. |
| Stroke inch | 2.60 in. | 2.60 in. | 2.80 in. |
| Displacement cu. in. | 102.3 cu. in. | 102.3 cu. in. | 120.3 cu. in. |
| Compression ratio | 8.2:1 | 7.3:1 | 7.6:1 |
| Horsepower DIN | 80 at 4900 rpm | 72 at 5000 rpm | 95 at 4900 rpm |
| SAE Gross | 85 at 5300 rpm | 76.5 at 5100 rpm | 104.5 at 5200 rpm |
| SAE Net | 76 at 4900 rpm | 69 at 5000 rpm | 91 at 4900 rpm |
| Max. Torque DIN | 13.6 mkg @ 2500 rpm | 12.4 mkg @ 2700 rpm | 15 mkg @ 3500 rpm |
| SAE Gross | | | |
| SAE Net | 95.2 ft. lb. @ 2700 rpm | 89.7 ft. lb. @ 2700 rpm | 108.5 ft. lb. @ 3500 rpm |
| Horsepower per Ltr. Displ. | | | |
| DIN | 48 | 42.5 | 47.5 |
| SAE Gross | 50 | 45.5 | 53.0 |
| SAE Net | 45 | 40.5 | 45.5 |
| Fuel octane requirement | 95 ROZ | 91 ROZ | 91 ROZ |
| <u>ENGINE DESIGN</u> | | | |
| Type | Four cycle, air cooled, horizontally opposed | | |
| Crankcase & cyl. heads | Light alloy | | |

914 SPECIFICATION CHART (CONT.)

914

914 CALIFORNIA

914S

| | | |
|----------------------------------|---|----------------------------|
| Final drive | Spiral bevels | |
| Final drive ratio | 4.43:1 | |
| <u>BODY, CHASSIS, SUSPENSION</u> | | |
| Body | Welded, pressed steel sections unitized | |
| Front wheel suspension | Independent, with transverse control arms | |
| Front wheel springing | Torsion bars | |
| Rear wheel suspension | Independent, with longitudinal control arms | |
| Rear wheel springing | Coil springs | |
| Shock absorbers | Hydraulic, telescopic, double acting | |
| Stabilizers | Optional | Optional Front and rear |
| Operating brakes | Dual circuit, hydraulic, four wheel disc, brake force limiter valve for rear wheels | |
| Emergency brakes | Mechanical, acting on rear wheel discs | |
| Wheels | 4½ x 15" steel | 5½ J x 15" forged alloy |
| Tires | 155 SR x 15 tubeless | 165 HR x 15 tubeless |
| Steering | Rack and pinion | |
| <u>WEIGHTS</u> | | |
| Dry weight (DIN) | 2139 lbs. | 2139 lbs. |
| Permitted gross weight | 2690 lbs. | 2690 lbs. |

914 SPECIFICATION CHART (CONT.)

914

914 CALIFORNIA

914S

| | | | | |
|-----------------------------|---|--------------|------------|--|
| <u>PERFORMANCE</u> | | | | |
| Approximate top speed | 110 mph | 106 mph | 115 mph | |
| Acceleration 0 - 62 mph | 13 seconds | 14.5 seconds | 11 seconds | |
| <u>CAPACITIES</u> | | | | |
| Engine | 7.4 US pints/6.2 Imperial pints/3.5 liters - HD oil | | | |
| Cooling system | | | | |
| Transmission | | | | |
| Standard | 5.3 US pints/4.4 Imperial pints/2.5 liters - SAE Hypoid oil (inc. differential) | | | |
| Automatic | | | | |
| Differential | | | | |
| Fuel tank | 16.4 US gallons/13.5 Imperial gallons/62 liters | | | |
| Windshield washer reservoir | 5.3 US pints/4.4 Imperial pints/2.5 liters | | | |
| <u>DIMENSIONS</u> | | | | |
| Wheelbase | 96.5 in. | 96.5 in. | 96.5 in. | |
| Track, front | 52.4 in. | 52.4 in. | 52.87 in. | |
| Track, rear | 53.98 in. | 53.98 in. | 54.4 in. | |
| Overall length | 159.4 in. | 159.4 in. | 159.4 in. | |
| Overall width | 65.0 in. | 65.0 in. | 65.0 in. | |
| Overall height (unloaded) | 48.4 in. | 48.4 in. | 48.4 in. | |
| Ground clearance (loaded) | 4.7 in. | 4.7 in. | 4.7 in. | |
| Turning circle | 33.5 ft. | 33.5 ft. | 33.5 ft. | |

Porsche 914

1973 Models

Changes and Modifications

1.7 ltr. Engine
76 SAE net Hsp.

1.7 ltr. Engine
69 SAE net Hsp.

2 ltr. Engine
91 SAE net Hsp.

Crankshaft

Connecting rods

Piston with Cyl.

Cyl. heads

Intake port

Intake valves

Exhaust valves

| | 914 2 ltr. | 914 1.7 ltr. California | 914 1.7 ltr. U.S.A. | Comments |
|--|------------|-------------------------|---------------------|----------|
| U. S. A. Standard Engine (except California) | | | X | |
| California only | | X | | |
| new optional engine U.S.A. and California | X | | | |
| Stroke from 66 mm extended to 71 mm | X | | | |
| length from 127 mm extended to 131 mm | X | | | |
| Bore Ø from 90 mm enlarged to 94 mm | X | | | |
| relocated spark plug position in combination with redesigned comb. chamber | X | | | |
| Diameter enlarged from 34 mm to 36 mm | X | | | |
| Diameter enlarged from 39 mm to 42 mm | X | | | |
| Diameter enlarged from 33 mm to 35 mm for cooling and imp. durability sodium filled! | X | | | |

Porsche 914
1973 Models

Changes and Modifications

| | 914 2 ltr. | 914 1.7 ltr. California | 914 1.7 ltr. U. S. A. | Comments |
|----------------------------|------------|----------------------------|--------------------------|--|
| Valve clearance: | | | | Caution |
| Intake | X | | | 0.15 mm (.006) for 2 l. engine only |
| Exhaust | X | | | 0.20 mm (.008) |
| Suction Pipe (manifold) | X | | | from 34 mm enlarged to 36 mm |
| Intake air distributor | X | | | enlarged |
| Injection nozzle | X | | | spray jet opening enlarged |
| Air cleaner | X | X | X | Micronic filter element cuts maintenance time requirement |

Porsche 914

1973 Models

Changes and Modifications

Comments

Heater blower motor relocated to the left in the engine compartment side

Mounted in vibration - free area

Engine carrier of cast iron

Reduces transmitted noise and vibration from engine to passenger compartment

Winddeflectors on lower front fire wall of engine compartment

Upgrading engine compartment ventilation reduces heat development in rear tank reduces engine oil temperature

Gear shift lever

improved speed shifting

Transmission housing:

Selector shaft exit relocated to bottom of transmission housing

less couplings and rods, smoother and more precise shifting arrangement

914 2 ltr.
914 1.7 ltr California
914 1.7 ltr U. S. A.

X

X

X

X

X

Porsche 914

1973 Models

Changes and Modifications

Comments

Front struts with modified brackets, bigger brake calliper and thicker brake pads

increases life time of brake pads

Brake discs with redesigned center hub

accurate centering of wheel rims

Wheel rims with redesigned centering hole

accurate centering of wheel rims

NOTE: Pressure cast Alu Wheel (Pedrini) used up to and including 1972 models. Will not fit on 1973 models.

A redesigned wheel will be available for the 1973 914 Models

| | | |
|------------|------------------------|--------------------|
| 914 2 ltr. | 914 1.7 ltr California | 914 1.7 ltr U.S.A. |
|------------|------------------------|--------------------|

Porsche 914

1973 Models

Changes and Modifications

Comments

| | 914 2 ltr. | 914 1.7 ltr. California | 914 1.7 ltr. U.S.A. | Comments |
|--|------------|-------------------------|---------------------|---|
| Bilstein shock absorbers | X | X | X | option on 1.7 ltr. |
| Front and rear stabilizer | X | X | X | option on 1.7 ltr. |
| Hand brake lever redesigned | X | X | X | simpler operation and actuation |
| Side window and regulator mechanisms cable operation changed to lever operation | X | X | X | firm window seating smoother operation of door windows |
| Side window guides redesigned | X | X | X | eliminates possible window cracks, insures better window alignment |

Porsche 914

1973 Models

Changes and Modifications

Comments

| Changes and Modifications | 914 2 ltr. | 914 1.7 ltr. California | 914 1.7 ltr. U. S. A. | Comments |
|---|------------|-------------------------|-----------------------|---|
| Heat resistant mat in rear trunk floor | X | X | X | Improved insulation against temperature build-up |
| Screen for air inlet on front hood | X | X | X | Improved filtering |
| Speedometer | X | X | X | Expanded speed range from 120 mph to 150 mph |
| Inner door handles and window crank black | X | X | X | Continuence of trend to replace chrome with black |

Porsche 914

1973 Models

Changes and Modifications

Floor in front of passenger seat redesigned

Substitutes footrest improved comfort for passenger

Cloth in speaker grills

Appearance refinement

Firewalls covered with additional sound absorbing material

Noise reduction

| 914 2 1973 | 914 1.7 1973 California | 914 1.7 1973 U. S. A. |
|------------|-------------------------|-----------------------|
| X | X | X |

Comments

Porsche 914
1973 Models

Changes and Modifications

| Comments | 914 1.7 ltr California | 914 1.7 ltr U. S. A. | 914 2 ltr. |
|---|---------------------------|-------------------------|------------|
| Reduces heat development in rear trunk and increases ground clearance | X | X | X |
| Vehicle weight increased 50 kg (110 pounds) | X | X | X |
| Reinforced body structure | | | |

Porsche 914

1973 Models

Changes and Modifications

Comments

| | 914 2 ltr. | 914 1.7 ltr California | 914 1.7 ltr U.S.A. | |
|---|------------|------------------------|--------------------|--|
| 2 black front rubber guards | X | X | X | To comply with Federal Safety Standard |
| Doors reinforced with braces | X | X | X | To comply with Federal Safety Standard |
| Front body section reinforced | X | X | X | To comply with Federal Safety Standard |
| Fire resistant trim material | X | X | X | To comply with Federal Safety Standard |
| Illumination of Emergency flasher, heater and defroster control knobs | X | X | X | To comply with Federal Safety Standard |
| Redesigned reflectors | X | X | X | To comply with Federal Safety Standard |