Wartungsarbeiten, Technische Daten
Maintenance, Specifications
Travaux d'entretien, Caractéristiques techniques
Lavori di manutenzione, dati tecnici

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SERVICE SCHEDULE, TYPE 914

600 miles	6000 miles	Service required	Repeat after mileage
▬	▬	V-belt: Check, if necessary adjust tension or replace.	6000
	▬	Fuel filter: Replace.	6000
▬	▬	Engine: Adjust valve clearance and replace valve cover gaskets.	6000
	▬	Spark plugs: Clean, check and adjust electrode gap, check compression.	6000
	▬	Crankcase breather: Rubber valve visual check.	6000
▬	▬	Engine: Visual check for leaks.	6000
	▬	Heating: Check operation.	6000
	▬	Exhaust: Check for damage.	6000
	▬	Clutch: Check clutch play.	6000
	▬	Check wheel alignment; balance wheels*).	6000
	▬	Distributor: Check and adjust, if required, dwell angle and timing.	6000
	●	Distributor: Replace breaker contacts, adjust dwell angle, timing.	12000
	▬	Brakes: Remove brake linings, check and measure wear. Check play of pressure rod between brake master cylinder and brake pedal. Check handbrake and service brake. Inspect all lines, hoses and hose terminals for damage. Check entire brake system for leaks. Check hydraulic fluid level in reservoir.	12000
	▬	Steering: Check all connections and rubber boots on steering box for good fit and for leaks.	12000
▬	▬	Wheels: Check front wheel bearing clearance, tire pressure, and tightness of wheel bolts.	12000
▬	▬	Electrical system: Check battery, check entire electrical system for defects.	12000
	▬	In addition, for cars with Sportomatic: Control valve: Check adjustment clean air filter. Clean and adjust contacts of switch on selector lever.	12000

Note: The service intervals indicated are for normal use. Particularly tire and brake lining wear are very much dependent on how the car is driven and should possibly be checked at shorter intervals. At least once a year, before the cold season begins, a large scale service check should be carried out.

● = after 12000 miles

*) If necessary, will be billed separately

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MAINTENANCE SCHEDULE FOR TYPE 914/6

300 to 600 miles	6,000 to 6,500 miles	Operation	then every miles
▬	▬	Engine: Make visual check for oil and fuel leaks.	6.000
	▬	Air cleaner: Replace air filter cartridge.	6,000
	▬	Check flame protection cartridge of crankcase breather and check hose connections for tightness.	6,000
	▬	Exhaust system: Check exhaust system for demage.	6,000
▬	▬	Clutch: Check play and pedal free travel.	6,000
	▬	Wheels: Check alignment and balance*).	6,000
▬	▬	Engine: Check rocker arm shafts for tightness. Check valve clearance.	12,000
	▬	Engine: Check compression.	12,000
	▬	Ignition: Check points and timing. Check spark plug gap. Lubricate ignition distributor cam.	12,000
	▬	Carburetor: Check carburetor adjustment with exhaust gas analyzer.	12,000
▬	▬	Check engine speed switch, micro switch and electro magnetic valves.	12,000
▬	▬	Alternator: Check alternator V-belt tension.	12,000
	▬	Brake system: Remove brake pads, check and measure wear. Check master cylinder push rod free play. Check operation of brake pressure regulator. Inspect all brake lines and connections for damage. Check entire system for leaks. Check brake fluid level in reservoir. Check brake warning light. Check foot and hand brake.	12,000
	▬	Steering: Check all connections and inspect rubber boots on steering gear for tightness and leaks.	12,000
	▬	On vehicles with Sportomatic: Check control valve adjustment, clean airfilter. Clean contact switch points on shift lever and adjust.	12,000
▬	▬	Wheels: Check front wheel bearing play. Check tire pressures, and wheel lug nuts for tightness.	12,000
▬	▬	Electrical system: Check operation of battery and entire electrical system.	12,000

Note: The service intervals are based on "normal" driving. Tire and brake lining wear are heavily dependent on driving habits and should be checked at more frequent intervals. The vehicle should receive a complete maintenance service at least once a year, preferably before winter.

*) At extra cost, if necessary.

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MAINTENANCE SCHEDULE, **TYPE 914** (FROM 1972 MODEL ON)

at 600 miles	Maintenance required		then at and every ... miles 5 000	10 000
—	**A. Before Road or Dynamometer Test** 1. Front wheel bearing play:	Check		—
	2. Steering:	Check all connections and rubber boots for thightness and for leaks.		—
—	3. V-belt:	Check	—	
—	4. Valve adjustment:	Check	—	
	5. Compression and spark plugs:	Check	—	
	6. Ignition points and timing:	Check	—	
	7. Sparg plugs and ignition points:	Replace		—
	8. Fuel filter:	Replace		—
—	9. Clutch pedal free play:	Check	—	
	10. Exhaust:	Check for damage	—	
	11. Complete brake system (incl. wear and leaks).	Check		—
—	12. Reflectors and operation of lights:	Check		—
—	13. Horn, wipers and washer:	Check		—
—	14. Battery electrolyte level:	Check		—
—	**B. During Road or Dynamometer Test** 1. Test engine performance, foot and parking brakes, clutch operation and gear shifting.		—	
—	2. All instruments, control and warning lights:	Check	—	
—	**C. After Road or Dynamometer Test** 1. Engine idle and exhaust emission:	Check	—	

Note: The recommended service intervals apply under normal driving conditions. The condition of tires, brakes and clutch lining depends greatly on the amount of driving and on driving habits and should possibly be checked at shorter intervals. A complete maintenance service as well as protection against corrosion should be carried out at least once a year, preferably before the winter.

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MAINTENANCE SCHEDULE (from 1973 model on)

at 600 miles	Maintenance required		then at and every ... miles 5 000	10 000
▬	**A. Before Road or Dynamometer Test** 1 Front wheel bearing play:	Check		
	2. Steering gear and tie rods:	Check all connections and rubber boots for tightness and for leaks.		▬
	3. V-belt:	Check	▬	
▬	4. Valve adjustment:	Check	▬	
	5. Compression:	Check		▬
	6. Breaker points, dwell angle and timing:	Check	▬	
	7. Spark plugs and breaker points:	Replace		▬
	8. Ignition system:	Visually check distributor cap, rotor and ignition wiring		▬
	9. Fuel filter:	Replace		▬
	10. Ventilation hoses and connections:	Visually check		▬
	11. Air filter cartridge:	Replace (at least after two years)		20 000
	12. Activated charcoal filter:	Visually check (replace every 50 000 miles)		▬
▬	13. Clutch pedal free play:	Check	▬	
	14. Exhaust:	Check for damage	▬	
	15. Complete brake system (incl. wear and leaks):	Check		▬
▬	16. Reflectors and operation of lights:	Check		▬
▬	17. Horn, wipers and washer:	Check		▬
▬	18. Battery electrolyte level:	Check		▬
▬	19. Fuel cap, tank and connections:	Check		▬
▬	**B. During Road or Dynamometer Test** 1. Test foot and parking brakes, clutch operation and gear shifting.		▬	
▬	2. All instruments, control and warning lights:	Check	▬	
▬	**C. After Road or Dynamometer Test** 1. Engine idle and exhaust emission:	Check	▬	

Note: The recommended service intervals apply under normal driving conditions. When driving on dusty roads check air filter cartridge more often and replace if necessary. The condition of tires, brakes and clutch lining depends greatly on the amount of driving and on driving habits and should possibly be checked at shorter intervals. A complete lubrication and maintenance service as well as protection against corrosion should be carried out at least once a year, preferably before the winter.

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LUBRICATION SCHEDULE, TYPE 914

600 miles	6000 miles	**Service required**	Repeat every
●		Change engine oil and clean magnetic drain plugs at least twice every year, i. e. at the onset of the cold and warm weather seasons.	3 000 miles
●	●	Change oil filter cartridge	6 000 miles
●	●	Clean oil strainer	3 000 miles
	●	Oil throttle linkage pivots	6 000 miles
	●	Air cleaner: Clean and refill lower part with oil	6 000 miles
●	●	Change transmission oil	12 000 miles
	●	Lubricate door and lid hinges	12 000 miles
●		Sportomatic: check oil level, add if necessary; examine convertor oil circuit for leaks	6 000 miles

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FILLING CAPACITIES TYPE 914

Engine	approximately 3.5 lters/3.7 qts. (without oil filter, 3 liters 3.2 qts.) premium oil, in accordance with API specifications MS SAE 10 = below -15°C (+5°F) SAE 20 = from -15°C to 0°C (+5°F to 32°F) SAE 30 = above 0°C (32°F)
Transmission with differential	approximately 2.5 liters (2.6 qts.) hypoid oil SAE 90
Sportomatic transmission with differential	approximately 2.5 liters (2.6 qts.) hypoid oil SAE 90
Torque converter	6 liters (6.3 qts.) HD oil SAE 20
Fuel tank	62 liters (16.4 gals.) required octane rating: 98 Oct. (premium fuel)
Brake fluid reservoir	approximately 0.35 liters (12 fl. oz.) special brake fluid.

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LUBRICATION SCHEDULE, TYPE 914/6

300 to 600 miles	6,000 to 6,500 miles	**Service required**	then every miles
●	●	Change engine oil and clean magnetic drain plugs at least twice a year, preferably once before summer and once before winter	6,000
●	●	Change engine oil filter	6,000
●	●	Clean oil strainer	6,000
●	●	Change transmission oil	12,000
	●	Lubricate throttle valve linkage	12,000
	●	Lubricate door and lid hinges	12,000

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FILLING CAPACITIES TYPE 914/6

Engine	approximately 9 liters/9.5 qts. (for Sportomatic approximately 11 liters/ 11.6 qts., (9 liters/9.5 qts. during oil change) premium quality HD oil, in accordance with API specification MS. SAE 10 = below -15°C (+5°F) SAE 20 = from -15°C - 0°C (+5°F - 32°F) SAE 30 = above 0°C (32°F)
Transmission with differential	approximately 2.5 liters (2.6 qts.) hypoid oil SAE 90
Sportomatic transmission with differential	approximately 2.5 liters (2.6 qts.) hypoid oil SAE 90
Fuel tank	62 liters (16.4 gals.) including reserve. Required octane rating: 96 octane (premium fuel)
Brake fluid reservoir	approximately 0.35 liters (12 fl. oz.) special brake fluid

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LUBRICATION SCHEDULE, **TYPE 914** (FROM 1972 MODEL ON)

at 600 miles	Service required		then at and every ... miles 5 000	10 000
▬	**Engine**			
	Engine oil:	Change. (Oil at operating temperature)	▬	
▬	Oil strainer:	Clean.	▬	
▬	Oil filter:	Replace.	▬	
	Air cleaner:	Clean lower part and refill with oil.		▬
	Lubricate:	Accelerator linkage.		▬
▬	**Transmission**			
	Transmission oil:	Change. (Oil at operating temperature)		▬
▬	Magnetic drain plug:	Clean.		▬
	Miscellaneous			
	Lubricate:	Door and hood hinges and locks		▬

Note: The recommended service intervals apply under normal driving conditions. The condition of oil, and wear and tear items depends greatly on the amount of driving and on driving habits. Therefore, oil, and wear and tear items should be checked more frequently and possibly changed at shorter intervals. A complete lubrication and maintenance service should be carried out at least once a year, preferably before the winter. The same applies to protective undercoating for the vehicle.

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LUBRICATION SCHEDULE (from 1973 model on)

at 600 miles	Service required		then at and every ... miles 5 000	10 000
—	**Engine**			
	Engine oil:	Change. (Oil at operating temperature)	—	
—	Oil filter:	Replace.	—	
	Oil strainer:	Clean.		20 000
	Lubricate:	Accelerator linkage.		—
—	**Transmission**			
	Transmission oil:	Change. (Oil at operating temperature)		—
—	Magnetic drain plug:	Clean.		—
	Miscellaneous			
	Lubricate:	Door and hood hinges and locks		—

Note: The recommended service intervals apply under normal driving conditions. The condition of oil, and wear and tear items depends greatly on the amount of driving and on driving habits.Therefore, oil, and wear and tear items should be checked more frequently and possibly changed at shorter intervals. A complete lubrication service should be carried out at least once a year, preferably before the winter. The same applies to protective undercoating for the vehicle.

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I. Required Maintenance for the Emission Control System (from 1974 model on)

at 600 miles	Maintenance service required	then at and every 5.000 miles	additional at and every 10.000 miles	additional at and every 20.000 miles
Check + adjust	Valves	Check + adjust		
Check	Pneumatic deceleration valve		Check	
Change	Engine oil (at least every 6 months)	Change		
Replace	Oil filter	Replace		
	Oil strainer			Clean
Check + adjust	Engine idle	Check + adjust		
Check + adjust	Exhaust emission	Check + adjust		
	Fuel filter		Replace	
Check visually	Fuel cap, tank, lines and connections			Check visually
	Air cleaner element (at least after two years)			Replace
	Dwell angle	Check + adjust		
	Timing	Check + adjust		
	Spark plugs and breaker points		Replace	
	Ignition wiring distributor cap/rotor		Check visually	
	Crankcase ventilation hoses and connections			Check visually
	Evaporative emission control system		Check	
	Activated charcoal filter		Replace at and every 50,000 miles	

Note: The maintenance steps for the emission control system (I.) together with those listed under (II.) are the overall maintenance and lubrication services required for your Porsche. Regular maintenance of the emission control system is necessary. For detailed information refer to your emission control system brochure, which you receive with your Owner's Manual.

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II. Required Maintenance and Lubrication Service (from 1974 model on)

at 600 miles	Maintenance service required	then at and every 5,000 miles	additional at and every 10,000 miles
Change	Transmission oil		Change
	V-belt	Check + adjust	
	Compression	Check	
	Door and hood hinges and locks		Lubricate
Check + adjust	Front wheel bearing play		
	Steering gear and tie rod connections and rubber boots		Check for tightness and leaks
Check	Clutch pedal free play	Adjust	
Check	Brake system complete (includes wear and leaks)		Check
Check	Operation of lights, horn, wipers and washer		Check
Check	Reflectors, headlight adjustment		Check
	Battery electrolyte level		Check
	Exhaust system	Check for damage	
	During road or dynamometer test		
Check	Foot and parking brakes, clutch operation and gear shifting	Check	
Check	All instruments, control and warning lights	Check	

Note: The recommended service intervals apply under normal driving conditions. If you drive mainly in dusty areas, check the air cleaner element more often and replace if necessary. The condition of oil, and wear and tear items (such as tires, brakes, clutch lining) depend greatly on the amount of driving and on driving habits. Therefore, oil, and wear and tear items should be checked more frequently, and if necessary replaced at shorter intervals. A complete maintenance and lubrication service should be performed at least once a year, preferably before the winter. The same applies to protective undercoating for the vehicle.

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I. Required Maintenance for the Emission Control System (from 1975 model on)

at 1,000 miles	Maintenance service required	then at and every 5,000 miles	additional at and every 15,000 miles	additional at and every 30,000 miles
Change	Engine oil (at least every 6 month)	Change		
Replace	Engine oil filter	Replace		
Adjust	V-belts (including V-belt for air pump 914-2.0) check tension and condition		Adjust or replace if necessary	
Check + adjust	Valve clearance at 10,000, 25,000, 40,000, 55,000, 70,000 etc. miles (valve adjustment at these intervals recommended for maximum engine life, but not necessary to maintain your Emission Control System Warranty)		Check + adjust	
	Compression		Check	
	Spark plugs		Replace	
	Ignition distributor: ignition points dwell angle and timing		Replace Adjust (with electronic equipment)	
	Ignition wiring, distributor cap and rotor		Check visually, replace if necessary	
	Fuel filter		Replace	
	EGR-System			Check visually
Check visually	Evaporative control system incl. fuel cap, tank and connections		Check visually	
	Crankcase ventilation hoses			Check visually
	Vacuum passages in throttle valve housing			Clean
	Exhaust system		Check for damage	
Check + adjust	Engine idle and exhaust emission (CO and HC)		Check + adjust	
	Air cleaner filter element (at least after two years)		Replace	
	Catalytic converter			Replace
	Additional services for 914 2.0			
	Air pump, control valves, air injection hoses and connections		Check	
	Filter element for air pump		Replace	
	Anti-backfire valve		Check	

Regular maintenance of the Emission Control System at 15,000 mile intervals is necessary to keep your Emission Control System warranty valid. Details are in your Emission Control System Brochure, which you receive with your Owner's Manual.

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II. Required Maintenance and Lubrication Service (from 1975 model on)

at 1,000 miles	Maintenance service required	then at and every 15,000 miles
	Door and hood hinges and locks	Lubricate
	Door and top weatherstrips: Remove rubber residue from contacting areas and coat with talc or other suitable rubber lubricant	Maintain
Change	Transmission oil	Change
	Windshield washer, operation and fluid level	Check and correct
Check + adjust	Front wheel bearing play	
	Front axle: Steering gear, tie-rod connections and rubber boots	Check for tightness and leaks
Check + adjust	Clutch pedal free play	Adjust
	Brake system, all lines and hoses (incl. wear and leaks)	Check
Check	Operation of lights, horn, wipers and washer	Check
Check	Headlight adjustment	Check and correct
	Ignition / steering lock and buzzer alarm	Check
	Safety belt warning light and buzzer alarm	Check
	Battery electrolyte level	Check
Check and correct pressure	Tires, including spare wheel	Check and correct pressure
	During road or dynamometer test	
Check	Braking, clutch, steering, heating, ventilation systems	Check
Check	All instruments, control and warning lights	Check

The recommended service intervals apply under normal driving conditions. If you drive mainly in dusty areas, check the air cleaner element more often and replace if necessary. The condition of oil, and wear-and-tear items (such as tires, brakes, clutch lining) depend greatly on the amount of driving and on driving habits. Therefore, oil and wear-and-tear items should be checked more frequently, and if necessary replaced at shorter intervals. Also, the battery electrolyte level should be checked more often. A complete maintenance and lubrication service should be performed at least once a year, preferably before the winter. The same applies to protective undercoating for the vehicle.

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DIMENSIONS WHEN EMPTY (DIN)	914 - 1.7	914 - 2.0
Wheelbase	2450 mm	2450 mm
Track, front		
with 4 1/2 J x 15 rims	1331 mm	--
with 5 1/2 J x 15 rims	1343 mm	1343 mm
Track, rear		
with 4 1/2 J x 15 rims	1371 mm	--
with 5 1/2 J x 15 rims	1383 mm	1383 mm
Length	4050 mm	4050 mm
Width	1650 mm	1650 mm
Height (without load)	1230 mm	1230 mm
Ground clearance (with max. permissible load)		
with 155 x 15 / 4 1/2 J x 15	120 mm	--
with 165 x 15 / 5 1/2 J x 15	130 mm	130 mm
WEIGHTS		
Empty, according to DIN	970 kg	970 kg
Max. permissible weight	1220 kg	1220 kg
Permissible axle load, front (*)	650 kp	650 kp
Permissible axle load, rear (*)	650 kp	650 kp

(*) Max. Permissible weight must not, however, be exceeded.

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TECHNICAL DATA - 1975 MODELS

CAPACITIES	914 - 1.8	914 - 2.0
Engine (as measured with oil dipstick according to Owner's Manual)	Approx. 3.5 liters (3.7 US gts/3.1 Imp.gts) of brand-name oils meeting API Classification SD or SE; Summer SAE 30, Winter SAE 20, below - 15° C SAE 10 W	
Transmission + Differential	Approx. 2.5 liters (2.6 US gts./2.2 Imp.gts.) of oil meeting Specifications MIL-L 2105 or MIL-L 2105 B Viscosity SAE 90; artic temperatures SAE 80	
Fuel tank	62 liters, including 6 liters in reserve (16.4 - 1.6 US gts./13.6 - 1.3 Imp.gts.)	
Brake fluid container	Approx. 0.35 liters (0.74 US/0.61 Imp.gts.)	
Windshield washer	Approx. 2.5 liters (2.64 US/2.20 Imp. gts.)	
Headlight washers	Approx. 8.5 liters (8.8 US/7.6 Imp.gts.)	
DIMENSIONS		
Wheelbase at DIN curb weight at full load	2451.5 mm/96.51 in. 2448 mm/96.37 in.	
Length - (except Calif.) (California)	4114 mm/161.96 in. 4178 mm/164.48 in.	
Width	1650 mm/64.96 in.	
Weight, unloaded	1240 mm/48.81 in.	
Ground clearance at max. total weight	130 mm/5.11 in.	
WEIGHTS/CONSUMPTION		
Curb weight (DIN)	1000 kg/2200 lbs	1000 kg/2200 lbs
Max. total weight	1220 kg/2684 lbs	1220 kg/2684 lbs
Max. axle load, front	650 kg/1430 lbs	650 kg/1430 lbs
rear	650 kg/1430 lbs	650 kg/1430 lbs
Max. payload	220 kg/484 lbs	220 kg/484 lbs
PERFORMANCE		
Top speed	107.5 mph	113 mph
Acceleration 0-62 mph at DIN curb weight and 1/2 payload	13.5 sec.	12.0 sec.
Kilometer from standing start at DIN curb weight and 1/2 payload	35.0 sec.	33.5 sec.

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	914 - 1.8	914 - 2.0
Power/weight ratio at DIN curb weight	13.8 kg/HP (30.36 lbs/HP)	11.9 kg/HP (26.18 lbs/HP)
Fuel consumption	8.6 US gt/62 mi.	8.7 US gt/62 mi.
Engine oil consumption	0.5 to 1.0 US gt per 620 miles	

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