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**Capacities**

Fuel tank	15.9 US gal/60 litres/13.2 Imp.gal	Regular grade fuel 91 RON (87 AKI)
Cooling system incl. heater	7.4 US quarts/7 litres/12.3. Imp. pints	For details see page 68, 69
Engine oil	4.0 US quarts/3.75 litres/6.65 Imp. pints plus 0.26 US quarts/0.25 litres/0.44 Imp.pints if oil filter is changed.	Branded HD petrol engine oil API classification: SE (for oil grades, see page 63)
Manual gearbox	1.05 US quarts/1.0 litres/1.8 Imp. pints	Branded gearbox oil SAE 80 (or if not available, HD engine oil (see page 64)
Automatic transmission	2.2 US quarts/ 2 litres/3.5 Imp. pints. Total capacity for a new or exchange transmission when initially filled is 6.4 US quarts/6.05 litres 10.7 Imp. pints.	For oil grades see page 96
Final drive	1.0 US quart/0.95 litres/1.7 Imp. pints. Initial content of a new or exchange final drive 1.2 US quarts 1.1 litres/1.9 Imp. pints.	Branded running-in hypoid oil SAE 90 (your BMW service station knows the approved grades). (see page 65)

**At a glance**

**Tire pressure** in psi (bar) with cold tires (add 4.3 psi = 0.3 bar with warm tires).

Radial ply  
185/70 HR 13

Load	Front	Rear
up to 4 persons	27 psi (1.9 bar)	27 psi (1.9 bar)
5 persons + luggage	28 psi (2.0 bar)	30 psi (2.1 bar)

**Winter tires**

165 SR 13 M + S or 185/70 SR 13 M + S for max. speed 100 mile/h (160 km/h)

Radial-ply tires	Load front/rear psi (bar)		
165 SR 13 or	up to 4 persons	27 (1,9)	27 (1,9)
185/70 SR 13	5 persons + luggage	28 (2,0)	30 (2,1)

Special regulations apply for competition driving.

**Spark plugs**

**Spark plugs**  
Bosch W 145 T 30 Daru 200/11-3 A  
Champion N 10 Y Bosch W 200 T 30  
Champion N 10 Y

**Electrode gap:**  
0.024 + 0.004 in (0.6 + 0.1 mm)

**Spark plug g:** 0.024 - 0.004 in  
(0.6 + 0.1 mm)

**Contact braker gap** 0.016 in (0.4 mm)

**Dwell angle** 59 - 65°

**Ignition timing** see page 71

**Valve clearances** (engine cold):  
Inlet and exhaust:  
0.006 - 0.008 in (0.15 - 0.20 mm)

**V-belts:**

Water pump/alternator	12.5 x 1085 (intendet type)
Air pump	9.5 x 685
Air condition compr. (opt.)	12.5 x 800

**Final Drive****Ratio**

Pinion/crown wheel	No. of teeth	Contact pattern
3.64 : 1	40 : 11	Klingelnberg or Gleason

Bayerische Motoren Werke AG München