

SUPPLEMENT TO RIDER'S MANUAL



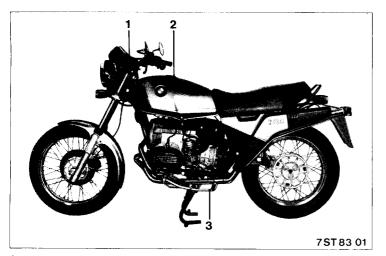
BMW Motorrad GmbH + Co.

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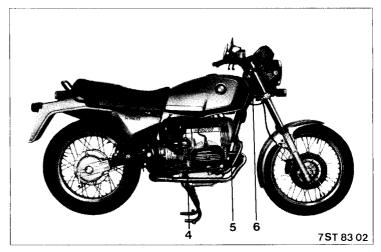
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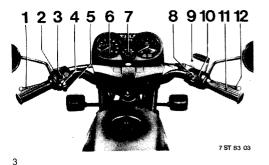


Location of parts

1 = Ignition/light switch
2 = Fuel filler cap, recessed
3 = side stand

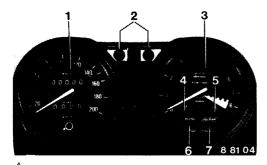
- 4 = Frame number / Manufacturer identification label
- 5 = Cylinder guardbar6 = Type plate





Controls, Fig. 3

- 1 = Clutch lever
 - = Choke (cold-start) lever
- B = Horn push button
- 4 = Headlight dip switch and headlight flasher
- 5 = Turn indicator switch
- S = Trip meter reset push button
- / = Ignition/light switch
- 8 = Emergency ignition cutout ('kill') switch
- 9 = Brake fluid reservoir
- 0 =Starter push button
- 11 = Throttle twistgrip
- 12 = Front brake lever



Instruments and telltales, Fig. 4

- 1 = Speedometer with odometer and trip distance recorder
- 2 = Turn indicator repeaters, left/right (green)
- 3 = Revolution counter
- 4 = Battery charge telltale lamp (red)
- 5 = Oil pressure warning lamp (red)

- 6 = Neutral indicator for gearbox (green)
- 7 = Headlight high beam telltale (blue)

CAUTION

If oil pressure warning lamp fails to go out or comes on while riding, stop engine immediately (be careful when motorcycle is in motion. To avoid blocking of rear wheel, pull clutch and brake down smoothly). Check oil level. If it is correct, have motorcycle checked at your BMW dealer. Do not run engine any longer without having eliminated the fault.

CAUTION

If battery charge telltale fails to go out or lights up while riding, battery is bound to go flat. Have the electrics checked as soon as possible.

Replacing Bulbs

CAUTION

If working on the electrical system disconnect the negative cable of the battery.

This is done by loosening negative cable at right of gearbox, next to speedometer gearing (10 mm hex. wrench). Insulate cable.

Take care not to loose screw.

Detaching Headlight Reflector (necessary if replacing H4 bulb, parking light bulb)

Tilt headlamp up slightly and loosen headlight bezel clamp bolt. Insert screwdriver blade between front bezel and headlamp at lowest point to support removal. Reassemble in reverse order



Replacing H4 Bulb. Fig. 5 Disconnect multi-pin plug and pull back wire spring clip. Remove used bulb, insert new one. Reassemble in reverse order



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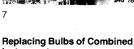
Replacing Parking Light Bulb. Fig. 6

Pull parking light bulb holder out of plug-in mounting. Press in bulb and turn counterclockwise for removal. Insert new bulb in the same way but turn clockwise.

CAUTION

Do not handle new bulbs with your fingers, but always use clean fabric.

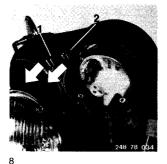




Replacing Bulbs of Combined Instrument

Detach covering on bottom of combined instrument (2 Phillips head screws).

Speedometer Lighting Fig. 7 Pull out plug in bulb holder. Remove bulb by pulling lightly. Insert new bulb.



Turn Indicator Repeaters.

Fig. 8
Turn bulb holder slightly to release and pull out. Remove bulbs (1,2) by pulling lightly. Insert new bulbs.

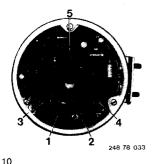


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Tachometer Lighting and Telltales Fig. 9 and 10

Detach multi-pin plug and remove protective cover (Phillips head screwdriver). Pull out plug-in bulb holder of affected bulb. Remove bulb turning counterclockwise. Insert new bulb.

When reassembling make sure that gasket of protective cover is located correctly.



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Fig. 10

1 = Headlight high beam telltale

2 = Neutral indicator

3 = Oil pressure warning

4 = Battery charge telltale

5 = Tachometer lighting



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Detaching silencer and battery cover, detaching and removing battery. Fig. 11

- 1. Take off the dualseat (refer to R 80 G/S Rider's Manual page 25.
- Take out the three domed-head screws (1).
- Carefully lift the cover away from its retaining clips:
 - Pull first at bottom, in direction of arrow (2),

- Next, pull upwards in direction of arrow (3).
- 4. To remove battery, refer to R 80 G/S Rider's Manual page 57.

Removing and Installing Rear Wheel

Unscrew three wheel nuts and wing nut of brake lever. Then turn rear wheel until one screw is facing upwards. Pull wheel out.

CAUTION: After installing rear wheel, it is necessary to adjust the rear drum brake. Please refer to R 80 G/S Rider's Manual, page 61.

BMW tank - and saddle bags.

 $(1.0 \text{ ft}^3).$

To carry luggage on the motorcycle, we recommend the BMW tank bag and BMW Touring pannier cases.

The right case holds approx. 33 liters

(1.2 ft3), the left case approx. 27 liters

The right case is large enough to hold a safety helmet.

Although these cases have been specially designed to suit this motorcycle, do not exceed the maximum luggage weight of 10 kg (22 lb) per case, and 5 kg (11 lb) for the luggage grid.

However, when using the saddle bags you should not exceed 130 km/h (82 mph).

NOTE

The use of not approved accessories may affect the stability and handling characteristics.

Please refer to R 80 G/S Rider's Manual, page 37.

Specifications

Engine

Deeper oil sump (without undertray); new oil capacity — without filter renewal — with filter renewal	liters (US quarts) liters (US quarts)	2.25 (2.4) 2.50 (2.65)	
Chassis			
Position of frame number and Manufacturer identification label	Stamped on lower right frame tube, close to rear engine mounting and center stand pivot		
Telescopic fork spring travel Rear swinging arm spring travel	mm (in) mm (in)	175 (6.9) 153 (6.0)	
Front wheel caster (at unladen weight)	mm (in)	125 (4.9)	
Front disc brake total effective rubbed area	cm² (in²)	37 (2.26)	
Front wheel rim Front tire		1.85 B x 19 100/90 H 19	
Rear wheel rim Rear tire		2.50 B x 18 120/90 H 18	
Hear tire	Didor only	Didor and nillion passe	

Rear tire				120/30	
Tire pressures in bar (lb/in²) when cold		Ride Front	r only Rear	Rider and pill Front	ion passenger Rear
Recommended minimum tread depths: 2 mm (0.08 in) up to 130 km/h (81 mph) 3 mm (0.12 in) above 130 km/h (81 mph) WARNING Keep to these tread depths even if legal limit is lower. The use of others than the recommender manufacturer's instructions.	Up to 130 km/h (81 mph) Above 130 km/h (81 mph) d tires may result in re	1.9 (28) 2.1 (30) duction of ma	2.0 (29) 2.2 (32) ax. allowed	2.1 (30) 2.1 (30) d speed acco	2.2 (32) 2.4 (35) rding to tire

Fuel tank capacity – including reserve of	liters (US gal) liters (US gal)	19 (5.0) 2 (0.53)
Telescopic fork oil content per leg (initial filling) — when renewing oil	liters (US quarts) liters (US quarts)	0.19 (0.20) 0.19 (0.20)
Electrical system		
Battery	BMW-Mareg,	12 V, 16 Amp/h
Headlight	mm (in) dia.	160 (6.3)
Instrument lighting	Speedometer Revolution counter	12 V, 3 W 12 V, 3 W
Dimensions		
Overall width (across cylinder guard bars)	mm (in)	790 (31.1)
Overall width (handlebars, excluding mirrors)	mm (in)	715 (28.2)
Height of seat (at unladen weight)	mm (in)	845 (33.3)
Overall length (at unladen weight)	mm (in)	2180 (85.8)
Wheelbase (at unladen weight)	mm (in)	1446 (56.9)
Ground clearance (unladen) – in normal riding condition, with 75 kg (165 lb) rider	mm (in) mm (in)	170 (6.6) 130 (5.1)

Weights

Unladen weight including lubricants but not fuel or tools (dry weight acc. to ISO standard 6726)

Unladen weight with lubricants, fuel and tools

kg (lb) kg (lb)

198 (437)

183 (403)