



BMW

R 90/6

R 75/6

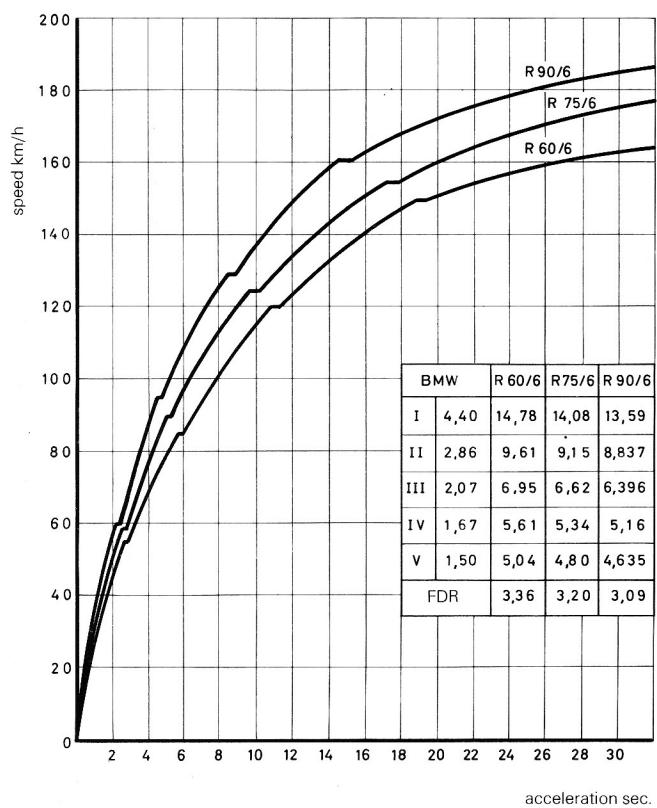
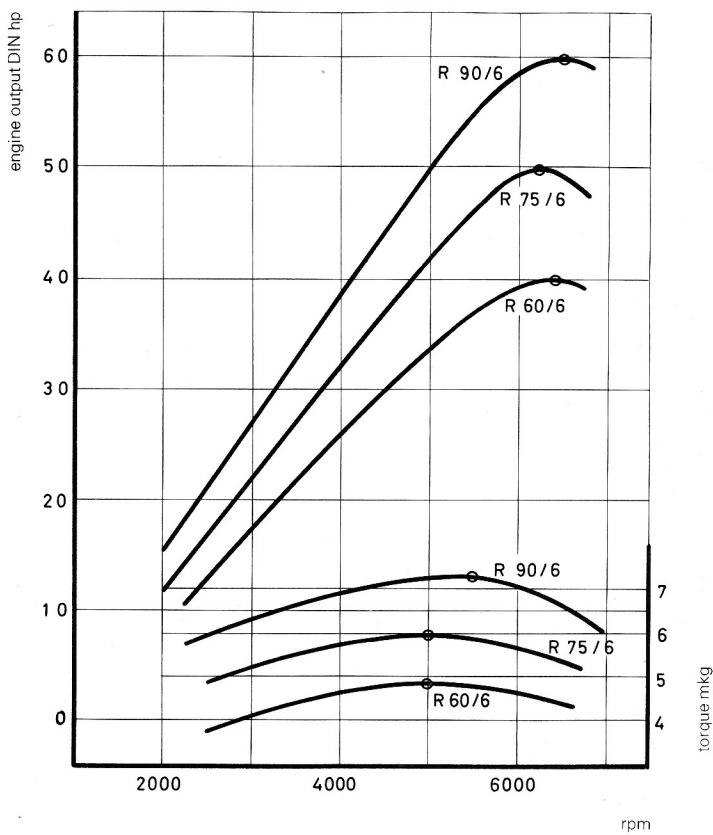
R 60/6



The BMW Concept

BMW has been building great motorcycles since 1923. Our machines are famous for their outstanding quality and workmanship, for their top performance, their riding comfort, and long operating life. Over this half-century of motorcycle construction, BMWs have won more than 2,000 gold medals, and set over 200 world records, many of which still stand. Thus it is evident that we have remained faithful to our original concept: to build truly superior two-wheeled road machinery.

With BMW's powerful horizontal twin engine, BMW's trouble-free shaft drive, BMW's unsurpassed suspension. Because above all else, we know ourselves what it means to experience motorcycling at its best. BMW - pure riding pleasure.







Design

The basic premise underlying BMW's approach to design is that form cannot be divorced from function. Thus at BMW, styling and performance go hand in hand. A BMW has a strong, purposeful appearance precisely because it is a fast, powerful machine.

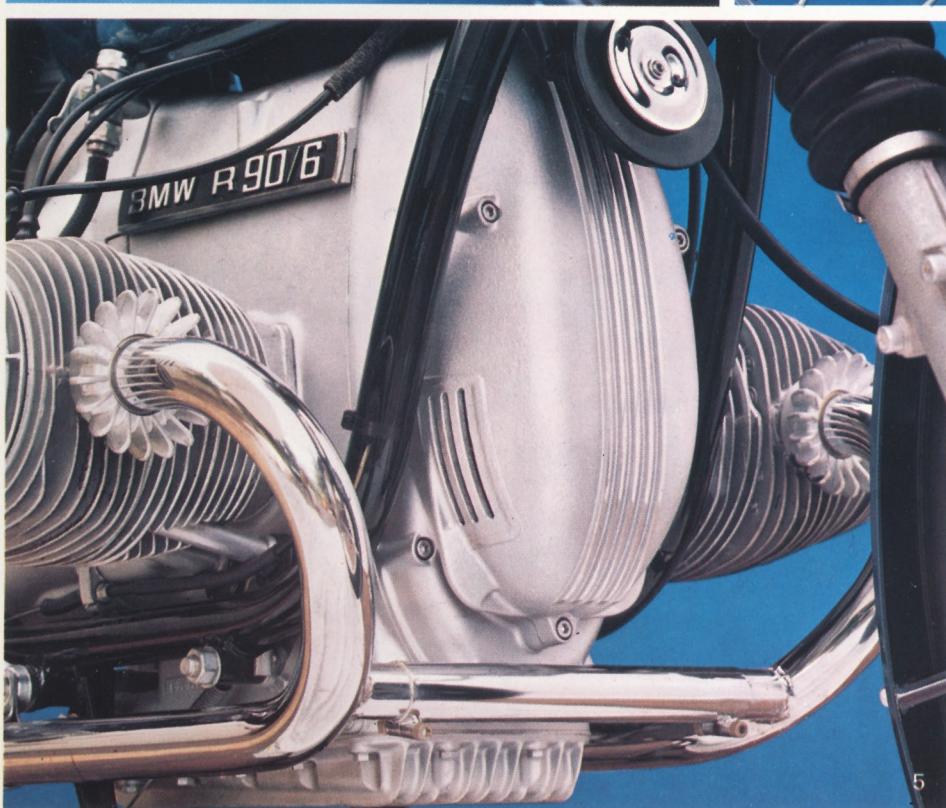
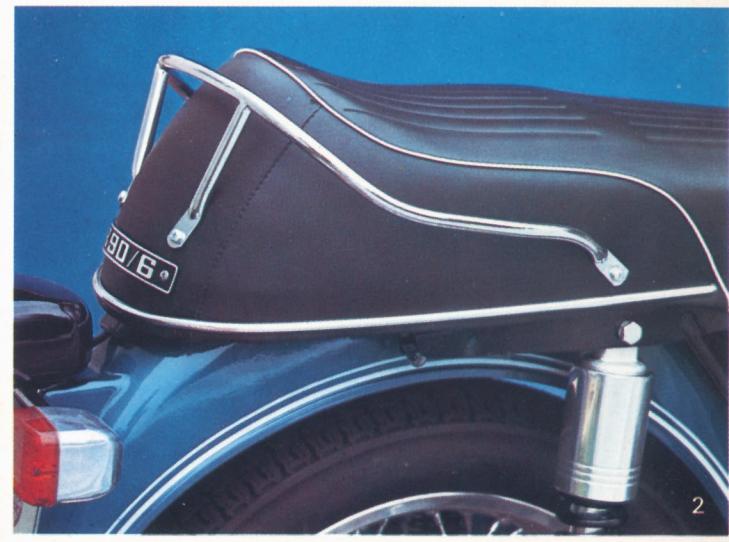
It is no wonder, then, that the fuel tank on a BMW is as capacious as it is clean-lined. That its seat is as comfortable as it is stylish. That its exhaust system is as efficiently quiet as it is handsome.

Nor is it surprising that the ribbing on a BMW's engine cover simultaneously adds visual interest to the machine and dampens engine sound. Or that the location of disc brake caliper yields a harmonious visual balance of front end components while also placing as much mass as possible behind the front wheel axis.

One area in styling is left up to you, of course. BMW offers a choice of seven different colors, each a vivid deep hued enamel with traditional hand-striping.

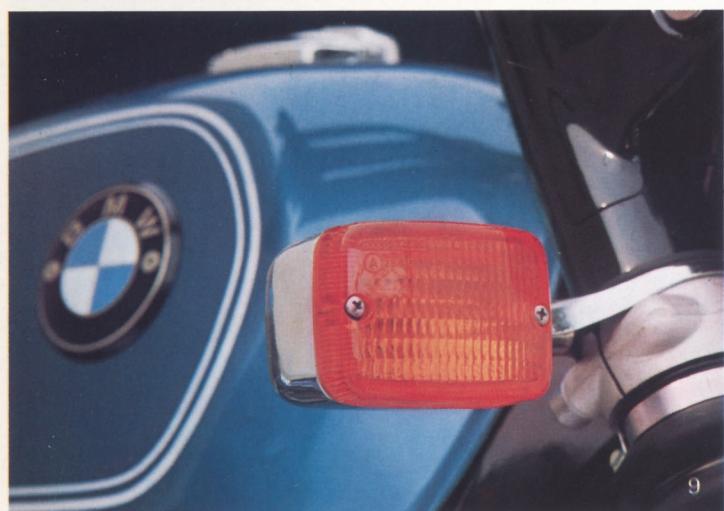
1. Functional instruments, designed for at-a-glance reading.
2. The rear passenger hand rails are safer than the usual grab-straps.
3. Black levers are glare-free.
4. Brake calipers are located close to the steering axis: behind the fork cross-tie for easy steering. Black anodized surfaces of the calipers ensure maximum heat dissipation.
5. These attractive ribs reduce engine sounds. And louvers provide cooling for the alternator.
6. The fork boot provides maximum protection from dust and water during all touring conditions.

7. Tail light with integrated stop light and rear reflector.
8. Slender, race-styled mufflers make BMW one of the quietest motorcycles in the world.
9. Even the turn indicators are unmistakably BMW.
10. The battery covers are fiberglass. Lightweight and damage resistant.
11. The drive shaft housing. Aesthetic and functional perfection.





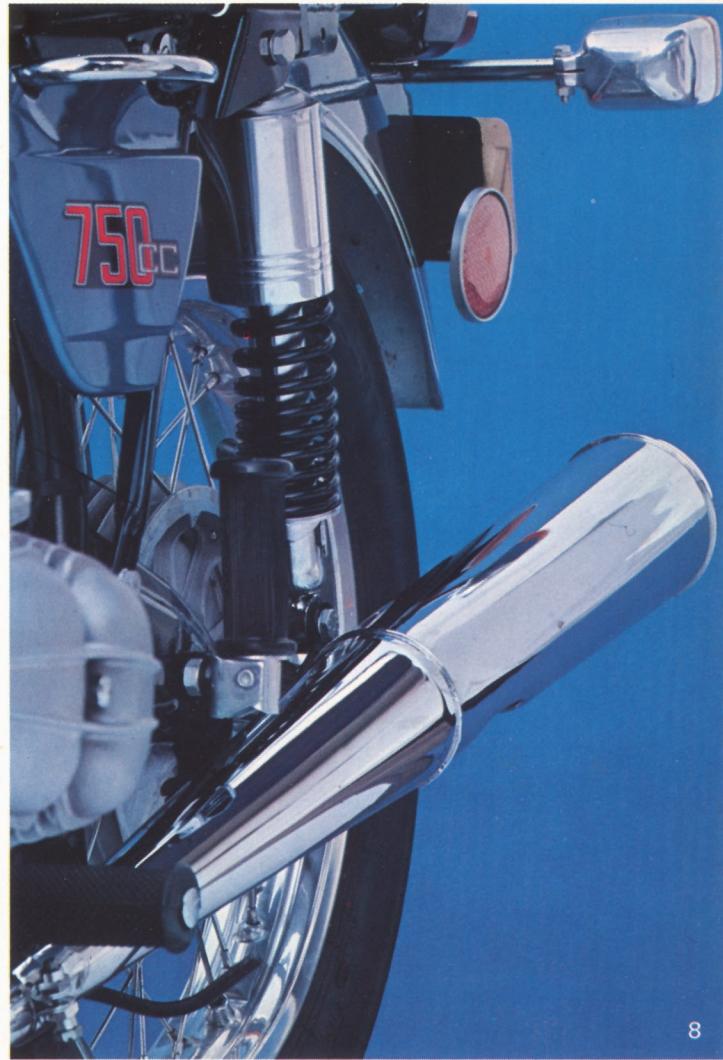
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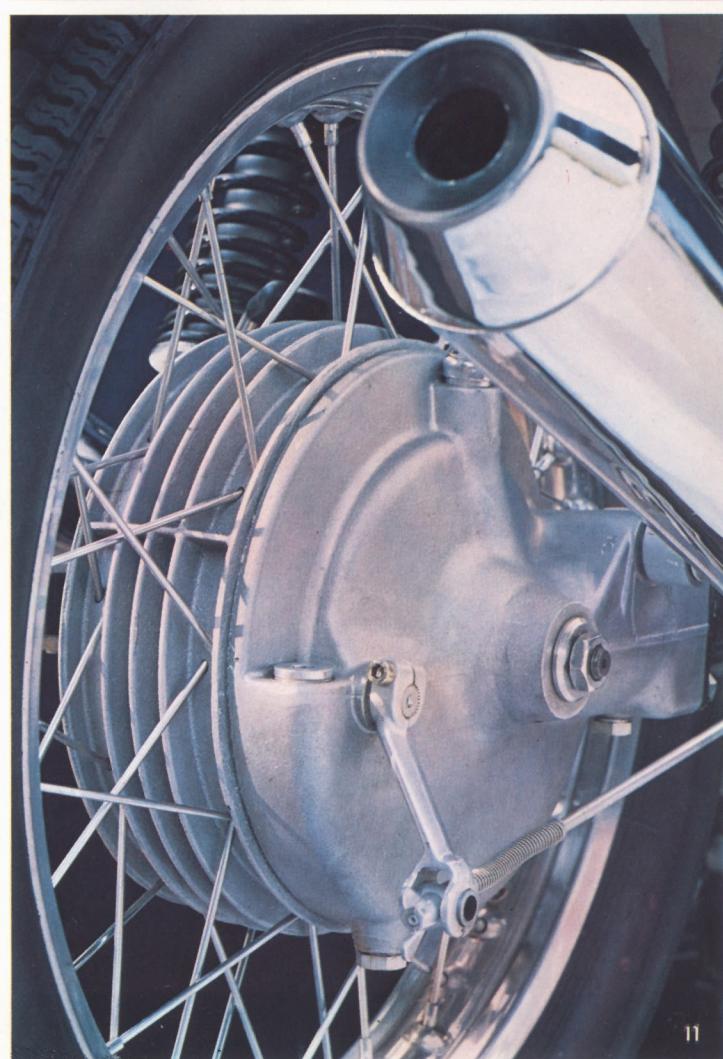
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Engineering

Whichever BMW motorcycle you decide upon, one thing remains constant from model to model: the uncompromising quality standards.

Take BMW's horizontally-opposed twin cylinder engine.

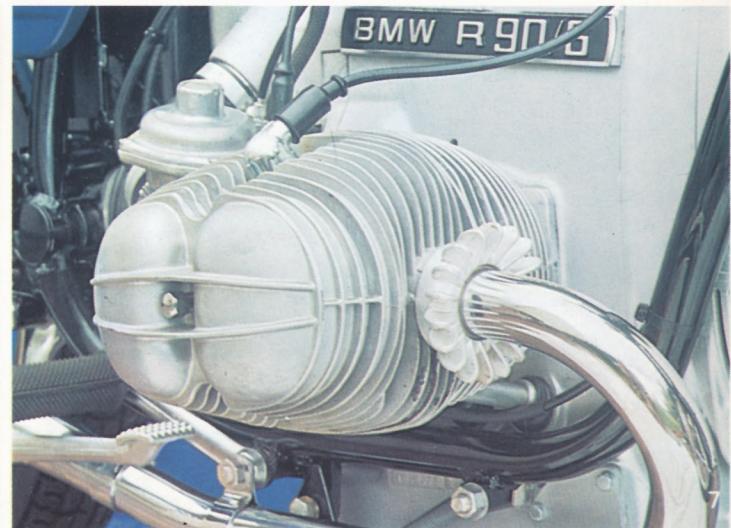
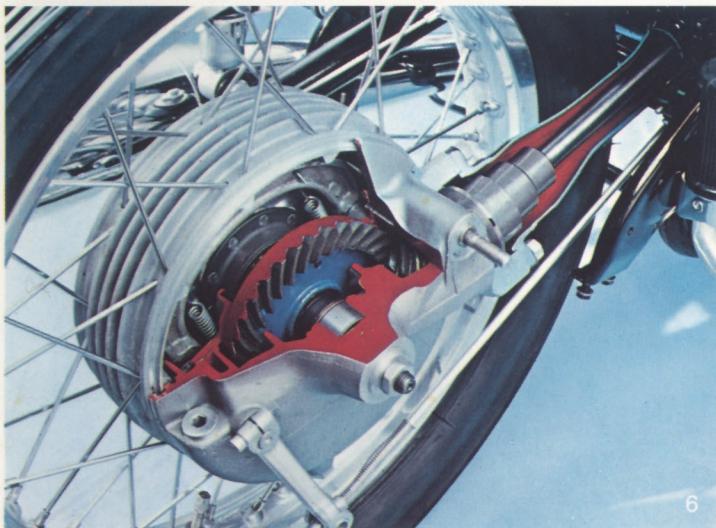
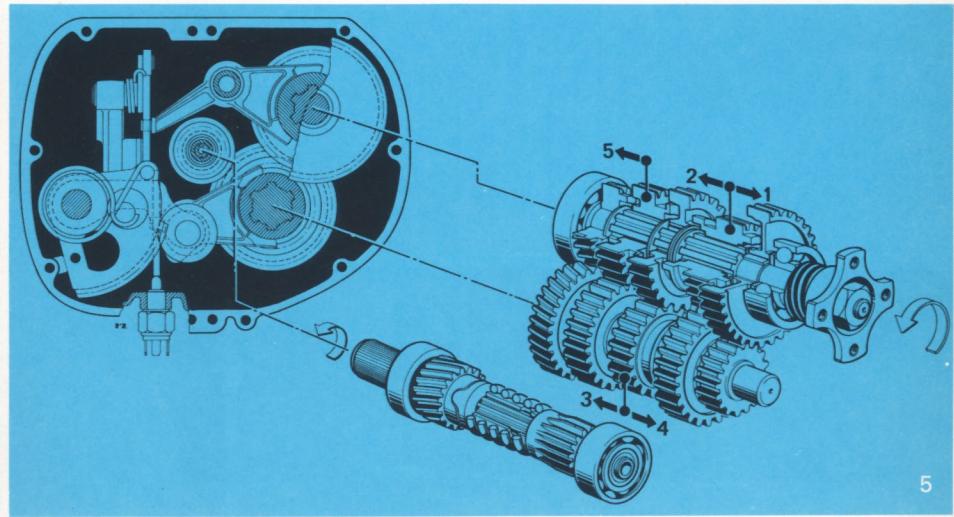
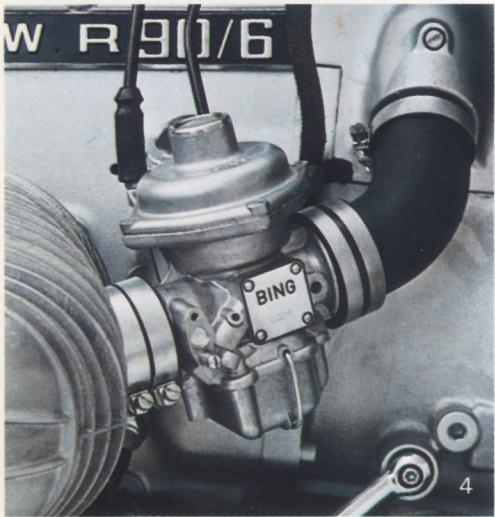
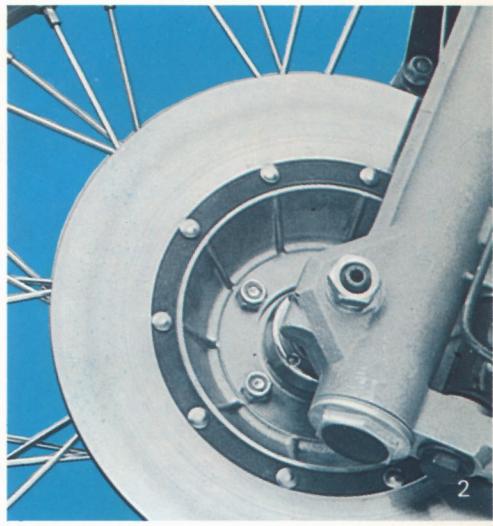
A product of dedicated engineering, the famed BMW flat twin is capable of brilliant performance, yet is decidedly civilized and completely reliable.

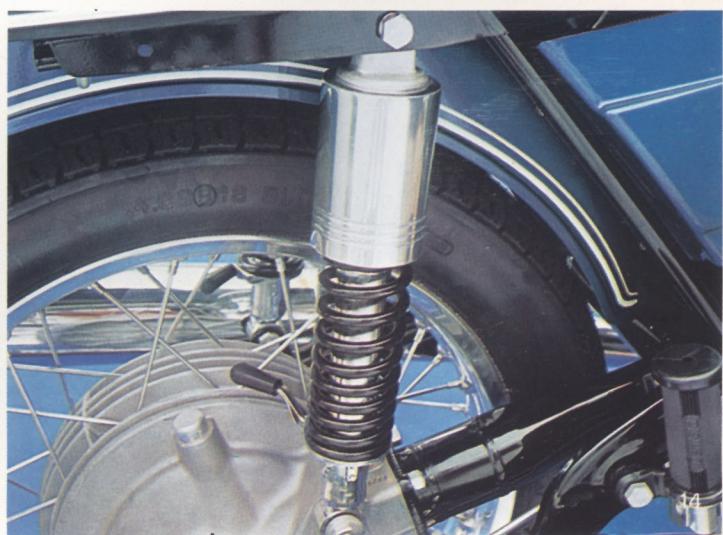
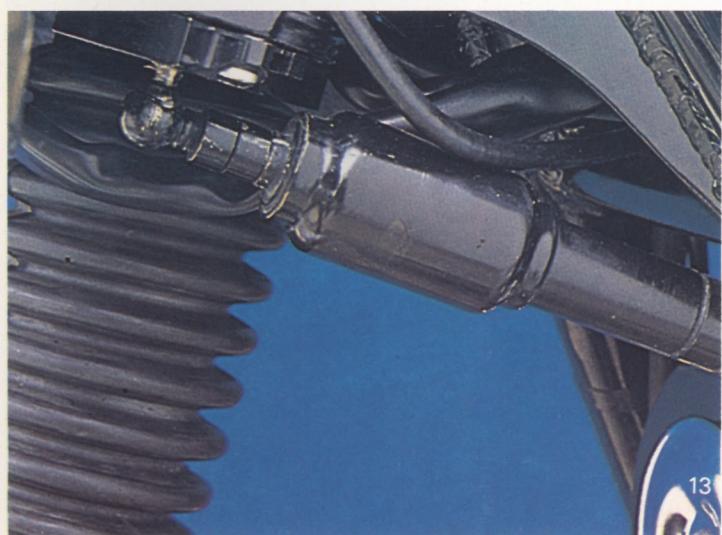
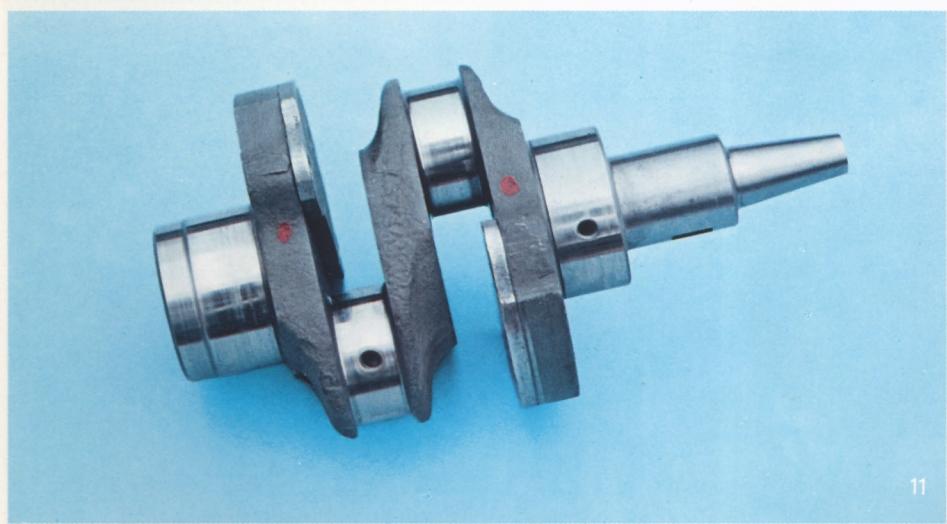
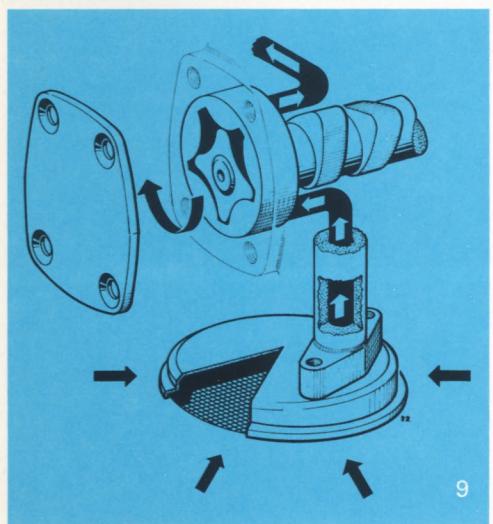
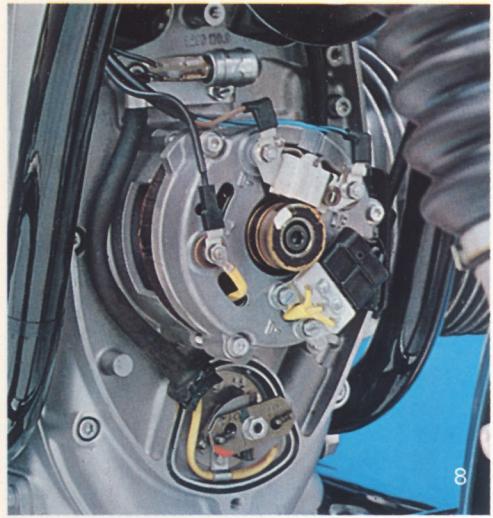
Or BMW's suspension. Handling is an area where genuine expertise is merely a starting point, and as you'd expect, no other machine comes close to BMW for perfectly balanced handling combined with complete riding comfort.

Then there's the assurance of BMW's worry-free, low maintenance operation. No other motorcycle can duplicate the ruggedness, the cleanliness, the peace of mind provided by BMW's famous shaft drive method of delivering engine power to the rear wheel. Because only BMW has had fifty years' experience in developing the shaft drive system to perfection.

BMW: synonymous with a superior engineering concept. BMW: synonymous with superior performance.

1. The floating calipers are adjustable via eccentric bolts.
2. Brake discs are manufactured from stainless steel.
3. The telescopic front fork has 8 inches of travel.
4. The R 90/6 and R 75/6 are equipped with Bing constant-velocity carburetors. The R 60/6 is equipped with slide carburetors.
5. 5-speed transmission with ratchet foot shifting mechanism and shock absorber on driveshaft.
6. Final drive via high tensile steel shaft with universal.
7. R 90/6 and R 75/6 have Alfin processed cylinders.
8. 3-phase alternator, 280 watt, with semiconductor rectifier.
9. Eaton oil pump. Performance: 370 gallons per hour at 6000 rpm.
10. The double loop tube frame is welded by the Arcatom method. Bolts join rear section to main frame. The rear wheel swing arm is supported by tapered bearings and is completely adjustable for a total absence of play.
11. The one-piece, forged crankshaft with heavy-metal counterweights. Supported by solid main bearings.
12. 12V, 25 amp-hour battery.
13. The hydraulic steering damper, with 3-way adjustment.
14. Adjustable progressively wound springs with hydraulic damping mechanism. 5 inches of travel.





The BMW Experience

There may be motorcycles with cylinders, greater horsepower, flashier acceleration times.

But when it comes down to what the total motorcycling experience is all about, there is simply no alternative to a BMW.

With each model, BMW's horsepower and torque ratings are genuine. They're real because BMW's power, extending over the widest possible range, is the kind you can use, honest because it's the kind that affects performance where it counts.

For BMW has the suspension, the reliability, the comfort to translate power into faster cornering, higher turnpike speeds, longer non-stop touring. In the country or in town, on short trips or on long ones, on good roads or on bad, only BMW has the overall balance of power to do it all, all the time.

Whatever you're looking for in motorcycling, discover BMW... and re-discover the joy of riding.

1. The three-stage steering damper is adjustable while the machine is in motion, to compensate for riding and highway conditions.

2. Quartz halogen headlight with 180 mm lens unequalled for illumination. Standard equipment on all models.

3. The engine block is completely enclosed yet accessible for service, so it's easy to clean.

4. The smooth operating, long travel front fork.

5. Three-way rear shock absorbers, adjustable without the need for a special tool.

6. Front wheel is easily removed.

7. Pull-out rear axle permits the rear wheel to be quickly removed from the machine.

8. Ignition and light switches are combined in a single safety lock.

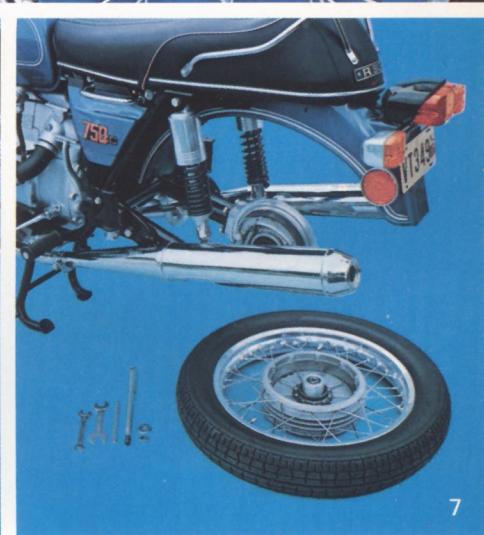
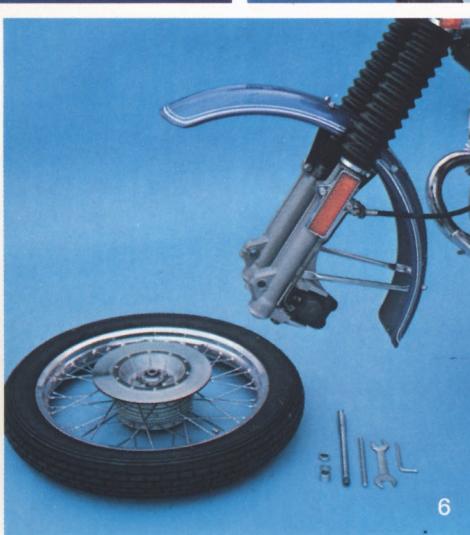
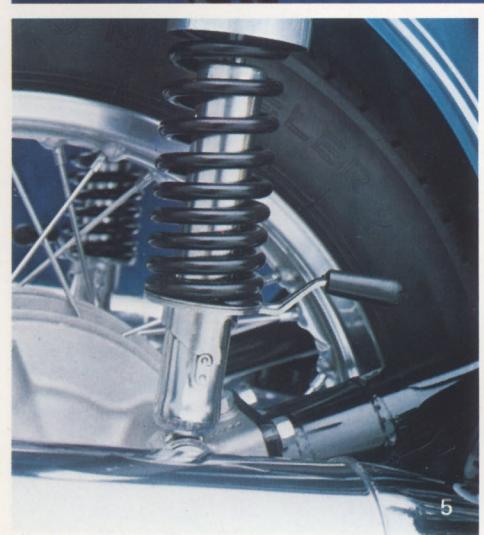
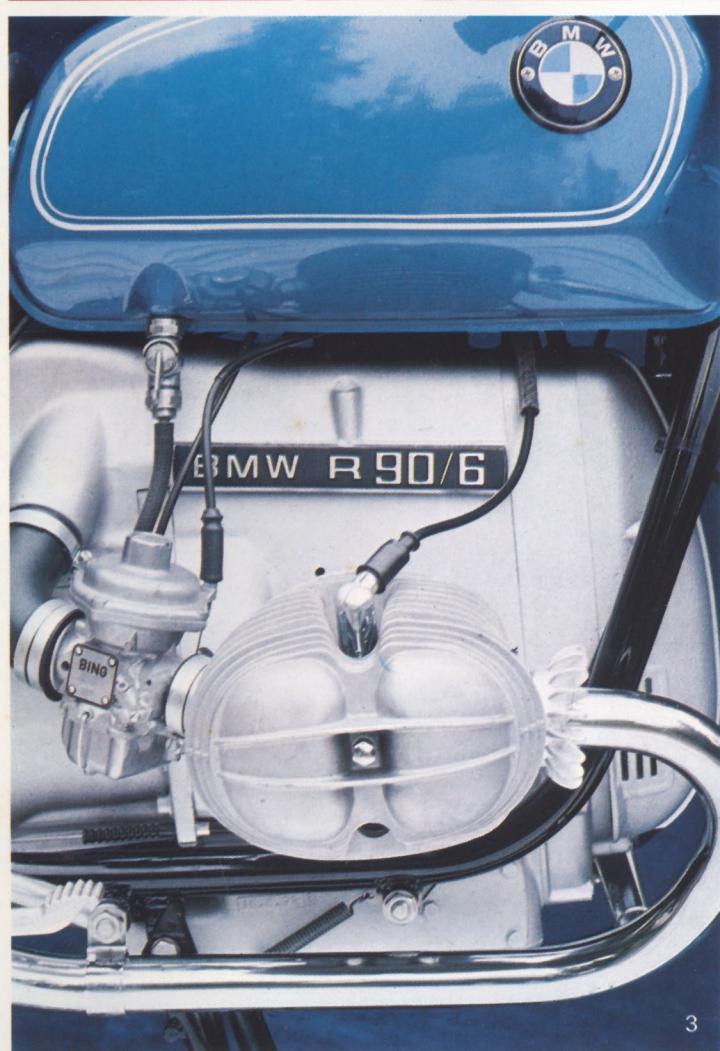
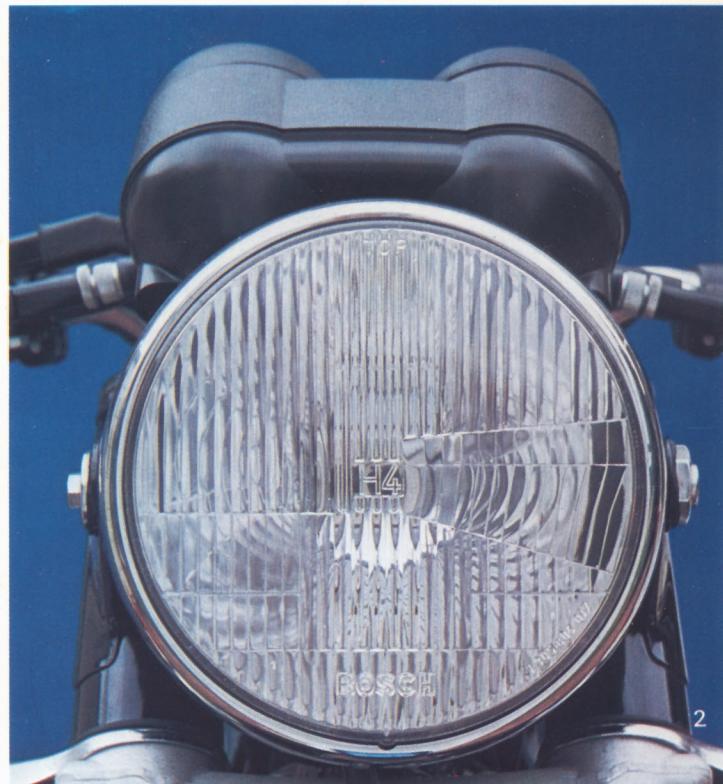
9. Overall noise is held to an absolute minimum on a BMW.

10. The famous horizontally opposed twin cylinder engine. Powerful. Flexible. Capable of sustained high RPM operation with unsurpassed reliability and long life.

11. Trouble-free, clean and silent shaft drive.

12. Inspection window reveals color-coded linings for quick determination of wear.

13. Pressure-molded fiberglass fenders resist damage and are impervious to rust.





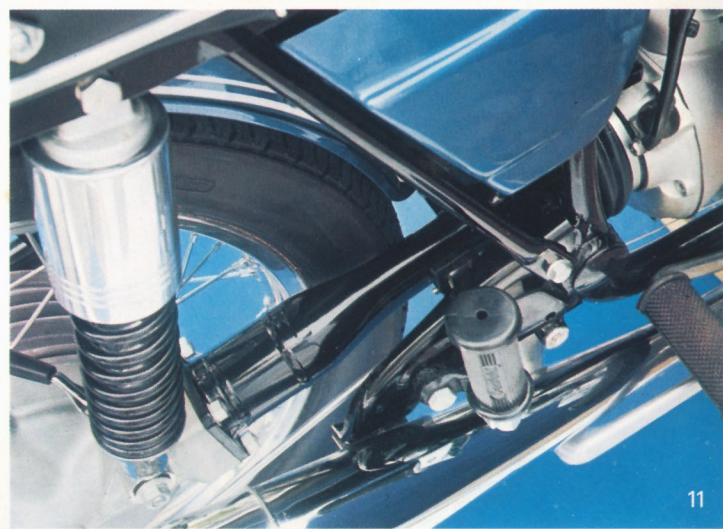
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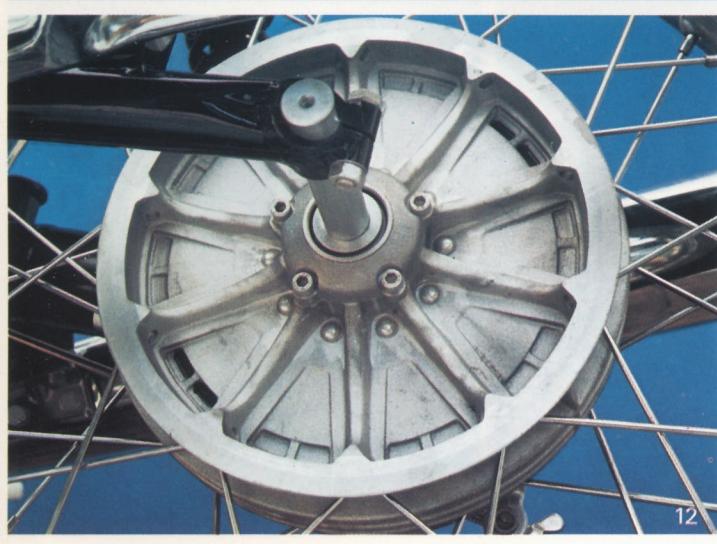
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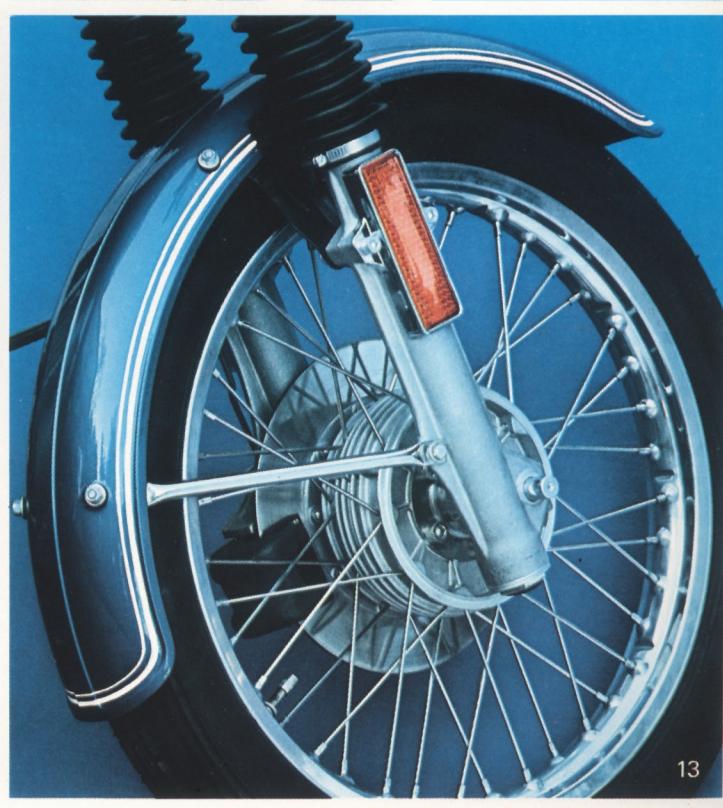
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Equipment

From every well thought-out detail on every BMW comes the realization that these motorcycles are designed and built by men who love motorcycles and who love to ride.

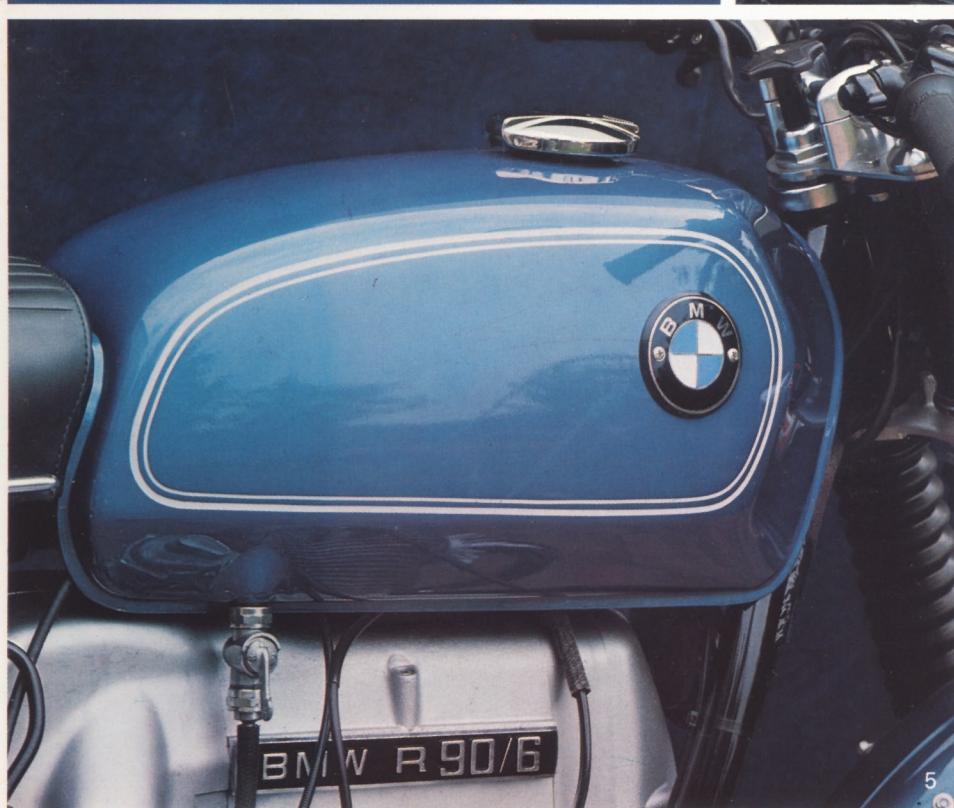
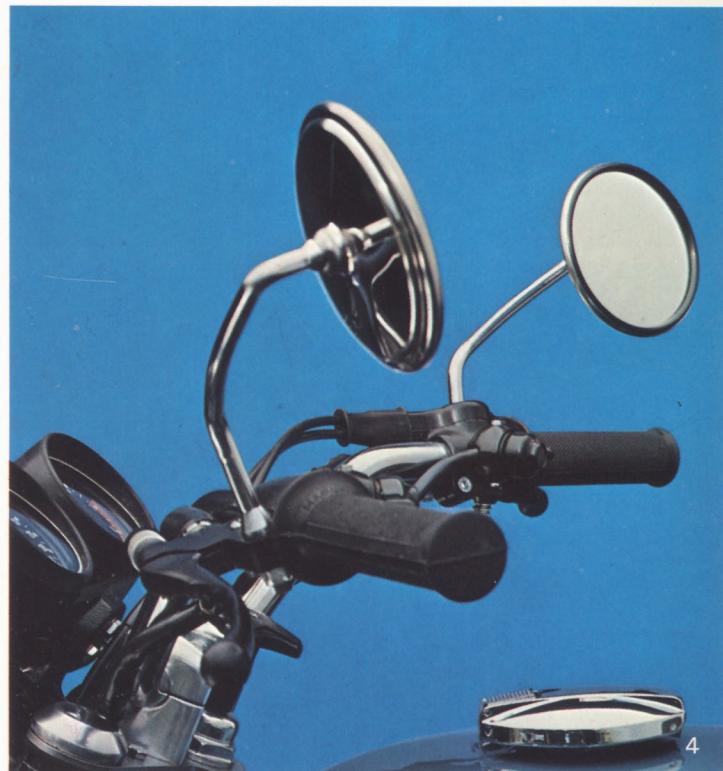
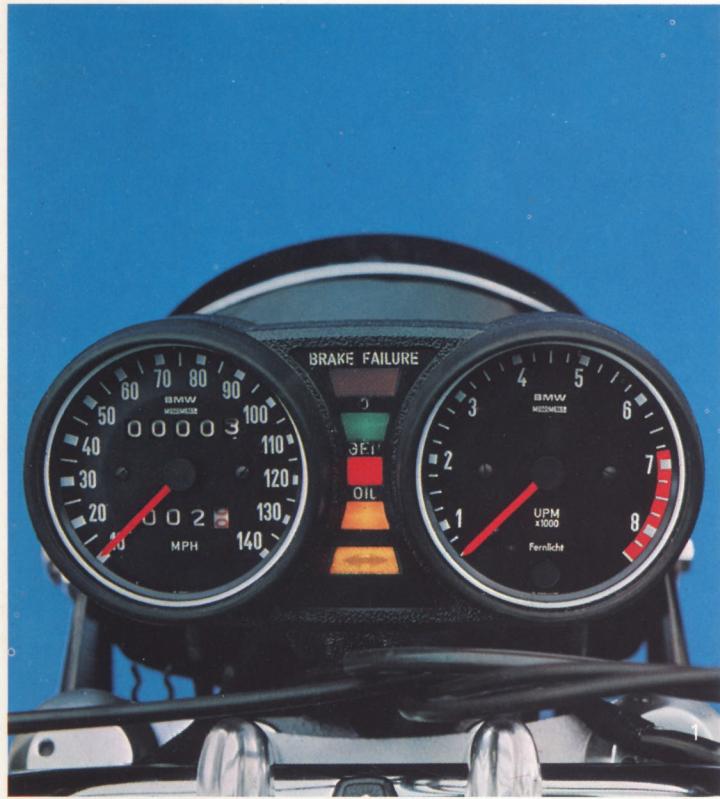
Every BMW is loaded with features that make riding more enjoyable, ownership more gratifying. Like three-way rear shock absorbers, adjustable without a special tool. Spring-loaded side stand, for automatic retraction as soon as the machine is righted. Pressure-molded fiberglass fenders, resistant to denting and impervious to corrosion. Brake fluid warning light. Even individually-adjustable passenger pegs.

1. Tachometer. Speedometer, including both cumulative and trip odometers. Warning lights for brake fluid level, oil pressure, alternator output. Indicator lights for neutral and turn signals. The instruments are under glare-free glass.
2. Large storage compartment for tools, first aid kit, reserve bulbs, etc.
3. A complete high quality tool kit.
4. Two mirrors.
5. The 4.8 gallon tank permits a wide operating radius.
6. Powerful electric starter with auxiliary kick starter.

7. Passenger foot pegs are adjustable.
8. The side stand retracts automatically.
9. Cold engine starting assist.
10. Large comfortable seat.
11. The helmet can be attached to a special carrier and locked with the seat when parking.

Service

Your BMW will remain a stranger to your dealer's service shop. Because BMW's extraordinary reliability ensures that your machine won't be in there often, and the availability of factory trained mechanics and genuine replacement parts means that its stay won't be a long one whenever a check-up does become due. BMW: for the uninterrupted joy of riding.





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BMW R 90/6

Engine: Max. output 67.5 hp (SAE) at 6700 rpm, max. torque 52.8 ft/lb (SAE) at 5500 rpm; bore 3.54" (90 mm); stroke 2.78" (70.6 mm); capacity 54.78 cu in (898 cc); compression ratio 9.0:1; 32 mm Bing constant velocity carburetors type V 64; fresh-air supply via Micronic air filter.

Transmission: 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.09:1.

Tires/wheels: Front tire 3.25 H 19; rear tire 4.00 H 18.

Brakes: Front: Disc brake with floating caliper; dia. 10.24" (260 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm).

Dimensions: Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm), wheelbase (unladen) 57.7" (1465 mm).

Weight: 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

Electrical system: 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H 4, 55/60 Watt-bulb starter 0.56 hp (DIN).

Fuel tank capacity: 4.8 US gals. Optional: 5.8 US gals.

Acceleration: Standing 1/4 mile in 14.0 sec.

BMW R 75/6

Engine: Max. output 57 hp (SAE) at 6400 rpm, max. torque 43.4 ft/lb (SAE) at 5000 rpm; bore 3.2" (82 mm); stroke 2.78" (70.6 mm); capacity 45.4 cu in (745 cc); compression ratio 9.0:1; 32 mm Bing constant velocity carburetors type V 64; fresh-air supply via Micronic air filter.

Transmission: 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.20:1.

Tires/wheels: Front tire 3.25 S 19; rear tire 4.00 S 18.

Brakes: Front: Disc brake with floating caliper; dia. 10.24" (260 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm).

Dimensions: Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm), wheelbase (unladen) 57.7" (1465 mm).

Weight: 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

Electrical system: 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H 4, 55/60 Watt-bulb starter 0.56 hp (DIN).

Fuel tank capacity: 4.8 US gals. Optional: 5.8 US gals.

Acceleration: Standing 1/4 mile in 15.1 sec.

BMW R 60/6

Engine: Max. output 46 hp (SAE) at 6600 rpm; max. torque 35.4 ft/lb (SAE) at 5000 rpm; bore 2.89" (73.5 mm); stroke 2.78" (70.6 mm); capacity 36.5 cu in (599 cc); compression ratio 9.2:1; 26 mm Bing slide carburetors type V 53; fresh-air supply via Micronic air filter.

Transmission: 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.36:1.

Tires/wheels: Front tire 3.25 S 19; rear tire 4.00 S 18.

Brakes: Front: Double leading shoe front brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm) width 1.18" (30 mm).

Dimensions: Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm), wheelbase (unladen) 57.7" (1465 mm).

Weight: 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

Electrical system: 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H4, 55/60 Watt-bulb starter 0.56 hp (DIN).

Fuel tank capacity: 4.8 US gals. Optional: 5.8 US gals.

Acceleration: Standing 1/4 mile in 15.9 sec.

Information and Price List on European Delivery Plan are available on request. Sole U.S. Importer: **Butler & Smith, Inc.**
East: P. O. Box H, Norwood, New Jersey 07648. West: 135 East Stanley Street, Compton, California 90220
Canada: **BMW Motorcycle Distributors**, 204 Yorkland Blvd., Willowdale, Toronto, Ontario



Bavarian Motor Works