

Inspection I & II

1990 R-Models

Service Plan		BMW Inspection I 4,500 Mi. & Ea. Additional 8,000 Mi.	BMW Inspection II 8,500 Mi. & Ea. Additional 8,000 Mi.
Change motor oil and oil filter		•	•
Change oil in gear box drive shaft (not paralever), rear drive and front forks			•
Lubricate upper and lower clutch cable nipples, side and center stand pivots, keyed locks		•	•
Replace air filter element			•
Clean carburetor float bowls	**	•	•
Check condition of wheels and tires — Tread depth — Adjust tire pressure		•	•
Check condition of return springs on side and centerstand.		•	•
Check condition and level of brake fluid. Examine system for leakage, correct if necessary. Brake fluid should be changed once a year.	•		•
Check brake pads and rotors for wear; repair/replace if necessary	•		•
Check brake caliper function and check for leaks. Repair or replace as needed	•		•
Check rear drum brake linings for wear and renew if necessary. Check free play and adjust if necessary (where applicable).	•	•	•
Check clutch adjustments — Exposed cable length, lever arm at gearbox — Clutch lever on handle bar	•	•	•
Check/Adjust rocker arm end play	•		•
Retorque cylinder heads	**		•
Adjust valve clearance		•	•
Check spark plug electrode condition		•	•
Replace spark plugs			•
Check/Adjust ignition timing	**		•
Check steering bearing preload; adjust if needed.	•	•	•
Check swing arm (and paralever pivot) bearing play; adjust and retorque as necessary.	•		•
Inspect and service battery — Check specific gravity — Charge if below 1.240 s.g. — Adjust acid level — Clean and tighten connections	•		•
Torque rear wheel mounting bolts		•	•
Torque nuts and bolts — Engine mounting — Shock absorber mountings — Centerstand to frame — Hose clamps at carburetors, fuel valves/lines, drive shaft boot clamping bolts — Front wheel axle nut and clamping bolts		•	•
Adjust throttle and choke cable free play and synchronization	**	•	•
Road Test - Final inspection and safety checks for proper operation and adjustment of: — Clutch — Instruments telltail/warning lights — Gearchange — All lighting and signalling equipment — Steering — All optional equipment in working order — Front and rear brakes		•	•
Adjust idle mixture	**	•	•
Adjust rpm		•	•
Record this service by stamping the appropriate box		•	•

Special Notes: • May involve operations with a separate charge for parts and labor
 ** Recommended additional services not required for Emissions Warranty

Every 3 months

- Check battery acid level, top up with distilled water and charge as necessary to 1.240 s.g. or greater.

Every 3 months and at least every 2,000 miles

- Change engine oil and filter if the motorcycle is used at outside temperatures below 32 degrees F.

Every 6 months

- Change engine oil and filter if the motorcycle is used for short trips only.

Every 12 months

- Change all lubricants
 - Engine oil and oil filter
 - Gearbox
 - Driveshaft (Not Paralever)
 - Rear drive
 - Front forks
- Drain fuel tank and clean fuel petcock strainers.
- Brake fluid exchange
 - Regardless of distance covered, brake fluid should be replaced annually.
 - Replace brake fluid more often depending on usage and geographical location.

Every 4,000 miles

- Renew air cleaner if the motorcycle is used in very dirty or dusty conditions. Renew more frequently if necessary.

Every 25,000 miles

- Replace steering head and front wheel bearings. Replace more frequently in severe operating conditions.

Every 40,000 miles

- Inspect (lubricate or replace) swing arm pivot bearings and seals. Inspect more frequently under severe operating conditions.
- Lubricate input shaft and Paralever drive shaft splines.