## **BMW Motorcycles**

## Maintenance Schedule

## □ F 650 GS □ F 650 GS Dakar □ F 650 CS



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Customer Name	Serial Number / Mileage	BMW Inspection 600 miles	BMW Service 6,000 miles	BMW Inspection 12,000 miles	BMW Annual Service
Repair Order Number / Date		BM 600	BM\ 6,00	BM\ 12,0	BMV
Check Vehicle History for any outstanding recalls.					
Read fault code memory with BMW MoDiTeC.					
Check brake pads and discs for wear, renew as necessary.*					
Check condition of tires.					
Check ABS sensors/pulse whe Adjust and clean as required *	els for correct gap/contamination				
Check front/rear brake fluid leve Check brake system with regar	els, top up if necessary* d to function, leaks, repair as required *				
ABS N: Renew primary front & rear brake master cylinder cup every 24,000 miles. (Front cup # 32 72 7 655 396, Rear cup # 34 31 7 655 480)					
ABS N: Replace brake fluid ( (refer to F650GS ABS N service supplement	DOT 4) once a year using BMWMoDiTeC.				
Replace brake fluid at least one	ce a year with DOT 4 fluid. (Non-ABS)				
Check clutch for correct operat	ion; adjust as necessary.				
Check chain, sprockets, chain (more frequently if ridden off road) (GS					
Check/adjust chain tension. (GS	and Dakar models only)				
Check/adjust belt tension. (cs m	odel only).				
Thouroughly inspect drive pulle replace components if necessa					
Replace toothed drive belt and	adjust tension every 25,000 miles (CS model only)				
Check/adjust throttle cable play	; any sticking, abrasion, tightness, renew.*				
Check/adjust valve clearances	(As of model year 2002 no longer required at the 600 mile service).				
Intake: 0.03-0.11mm Exhaust: 0.25-0.33mm					
Check condition of spark plug.					
Renew spark plug.					
Renew fuel filter every 24,000 n	niles*; if fuel quality is poor every 12,000 miles.				
Check battery acid level, top up battery terminal posts. (more frequence)	with distilled water if necessary; grease ently if ridden off road)				
* invoiced as a separate item	n			Page	1 of 2

## **BMW Motorcycles** Maintenance Schedule (Continued) BMW Inspection 600 miles **BMW Inspection Annual Service** BMW Service 6,000 miles ☐ F 650 CS ☐ F 650 GS ☐ F 650 GS Dakar 12,000 miles Vehicle Indentification Number (VIN) Change engine oil (Engine only) when at operating temperature, renew oil filter. Change engine oil (Engine and oil tank) when at operating temperature, renew oil filter. (For short distance driving or when outside temperature is below 32° F, change every 3 months or 1800 miles. П Use only 10w-40 or 15w-40 wieght oil with an SF, SG or SH classifaction, <u>DO NOT USE SYNTHETIC OIL OR</u> OILS WITH AN SJ API SPECIFICATION.) Clean oil strainer in the frame. Once only at 6,000 miles Drain contaminants from collection hose from airbox. Renew intake air filter. (If ridden off road, check more frequently and replace every 6,000 miles max.) Check hose clamps on fuel and cooling system for leaks; retighten if neces-П П sary. Check coolant level and concentration, correct if necessary. Renew coolant every 2 years.\* Check steering head bearings; adjust/replace as necessary.\* Change telescopic fork oil. Check wheel bearings, replace if neccessary.\* П Check wheel spoke tension and tighten if necessary. (more frequently if ridden off road) (GS models only) Grease side stand/center stand pivots, and brake pedal pivot points. Check fasteners on engine mountings, frame connections, exhuast mount-П П ings, swingarm pivot, brake pedal, side & center stands, and axles for proper torque. Adjust tire pressures to specification- Front PSI Rear Final inspection with safety/operating check: • Lights, brake light, turn indicators, horn Telltale and warning lights • Clutch, gear/neutral and side stand switch functions • Handbrake, footbrake and ABS; steering • Instruments and locks (including optional accessories) • Test ride, visual quality check Stamp Service & Technical booklet \* invoiced as a separate item Page 2 of 2

Maintenance Complete, Sign and Record Mileage Below  $\, \stackrel{
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Technician Signature	Date	Mileage Out