

# BMW of North America, LLC

## 2007, 2008 Z4

### Service Maintenance Checklist

Only operations that pertain to this vehicle will be performed.

NOTE: Any other requested repairs not listed or covered by the applicable BMW Limited Warranty will be charged to the owner and invoiced separately.

Customer's Name	
Chassis Number	Indicate # Lights illuminated in Service Interval Indicator G G G G G Y R
BMW center	Mileage (on Service Interval Ind.)
Repair Order No.	Mileage (on odometer)

State and federal statutes require a properly completed copy of this form to be retained in the BMW center's customer file.

Spare  
RR  
RF  
LR

TECHNICIAN'S SIGNATURE	Z4 roadster 3.0i, 3.0si	M roadster	Z4 coupe 3.0si	M coupe	✓
	E85	E86	E86		
<b>BMW Oxygen Sensor Replacement</b> , required at intervals of _____,000 mi.	120	100	100	100	
<b>BMW Spark Plug Replacement</b> , required at intervals of _____,000 mi.	100	60	100	60	
<b>BMW Automatic Transmission Service</b> ; change ATF at intervals of 100,000 mi.	●		●		
<b>1200 Mile Service</b>					
Read out diagnostic system.		●		●	
Change oil and oil filter while engine is at operating temperature. Use only Castrol TWS Motorsport SAE 10W-60 Synthetic oil, or Castrol Formula RS 10W-60 Synthetic oil, BMW p/n 07 51 0 009 420		●		●	
Replace transmission fluid.		●		●	
Replace differential oil.		●		●	
Check all warning/indicator lights, check control.		●		●	
Inspect tires, adjust tire pressures and reset tire pressure monitor.		●		●	
Road test with check of brakes, suspension, shock absorbers (external), steering, clutch/manual transmission.		●		●	
<b>BMW Engine Oil Service</b>					
Change oil and oil filter while engine is at operating temperature. We recommend BMW High Performance 5W-30 Synthetic oil, p/n 07 51 0 017 866	●		●		
Change oil and oil filter while engine is at operating temperature. Use only Castrol TWS Motorsport SAE 10W-60 Synthetic oil, or Castrol Formula RS 10W-60 Synthetic oil, BMW p/n 07 51 0 009 420		●		●	
Replace microfilters. <b>Note:</b> reduce replacement interval in dusty operating conditions.	●	●	●	●	
Check overall thickness of front and rear disc brake pads using special tool. Record results. If replacement is necessary*: Examine brake disc surfaces. Clean brake pad contact points in calipers. Grease wheel centering hubs. Check thickness of parking brake linings only when replacing rear pads. Record results.	●	●	●	●	
Check parking brake actuation. Adjust if necessary. Burnish emergency brake.	●	●	●	●	
Reset Service Indicator <b>Note:</b> Do not reset Service Indicator when additional oil changes (between the normal intervals) are requested by the customer.	●	●	●	●	

**BMW Inspection I: Undercarriage**

Change oil and oil filter while engine is at operating temperature. We recommend BMW High Performance 5W-30 Synthetic oil, p/n 07 51 0 017 866	●		●		
Change oil and oil filter while engine is at operating temperature. Use Castrol TWS Motorsport SAE 10W-60 Synthetic oil, or Castrol Formula RS 10W-60 Synthetic oil, BMW p/n 07 51 0 009 420		●		●	
Check transmission for leaks.	●	●	●	●	
Check rear axle for leaks.	●	●	●	●	
Half shafts: Check for leaks at flexible boots	●	●	●	●	
Visually check fuel tank, lines and connections for leaks.	●	●	●	●	
Check condition, position, and mounting of exhaust system. Examine for leaks.	●	●	●	●	
Check power steering system for leaks. Check p/s fluid level; add fluid if necessary.	●	●	●	●	
Check overall thickness of front and rear disc brake pads using special tool. Record results. If replacement is necessary*: Examine brake disc surfaces. Clean brake pad contact points in calipers. Grease wheel centering hubs. Check thickness of parking brake linings only when replacing rear pads. Record results.	●	●	●	●	
Check brake (and clutch) system connections and lines for leaks, damage, and incorrect positioning.	●	●	●	●	
Check steering for absence of play, condition of suspension track rods, front axle joints, steering linkage and joint disc.	●	●	●	●	
Check parking brake actuation. Adjust if necessary.	●	●	●	●	
Check all tire pressures (including spare if equipped). Correct if necessary. Record results. Reset tire pressure monitor. Check condition of tires (outer surfaces [left/right]), tread wear and pattern; in case of uneven tread wear readjust wheels alignment if requested.* Note: If requested, rotate all four roads wheels as instructed and rebalance.*	●	●	●	●	

# BMW Inspection I (cont'd)

		Z4 roadster 3.0i, 3.0si	M roadster	Z4 coupe 3.0si	M coupe	✓	
		E85		E86			
Washer Fluid:	Replace M-Mobility System sealant cartridge every 4 years.		•		•		
	Inspect entire body according to terms of rust perforation limited warranty (must be performed at least every two years).	•	•	•	•		
<b>BMW Inspection I: Engine Compartment</b>							
Freeze Point Temperature (°F): Coolant	Read out diagnostic system.	•	•	•	•		
	Check and adjust valves.		•		•		
	Check engine cooling system/heater hose connections for leaks. Check coolant level and antifreeze protection level; add coolant if necessary.	•	•	•	•		
	Check level of brake and clutch fluid in reservoir. Add fluid if required.	•	•	•	•		
	Replace brake fluid every 2 years (time interval begins from vehicle's production date).*	•	•	•	•		
	Check windshield washer fluid level and antifreeze protection. Fill up and/or correct if necessary. Record freeze point temperature.	•	•	•	•		
	Check air conditioner operation.	•	•	•	•		
	Replace microfilters <b>Note:</b> reduce replacement interval in dusty operating conditions.	•	•	•	•		
	Reset Service Indicator.	•	•	•	•		
	<b>BMW Inspection I: Body/Electrical Equipment</b>						
RR	Check battery state-of-charge, and charge if required.*	•	•	•	•		
	Check lighting system, i.e., headlights, foglights, parking, back-up, license plate, interior (including map reading lights), glove box, flashlight, illuminated make-up mirrors, luggage compartment lights.	•	•	•	•		
	Check instrument panel and dashboard illumination.	•	•	•	•		
	Check all warning/indicator lights, check control.	•	•	•	•		
	Check turn signals, hazard warning flashers, brake lights, horns, headlight dimmer/flasher switch.	•	•	•	•		
	Check wipers and washer system(s); wiper blades, washer jet positions.	•	•	•	•		
	Check condition and function of safety belts.	•	•	•	•		
	Recharge or replace batteries for remote controls in all vehicle master keys.	•	•	•	•		
	Check central locking/double lock.	•	•	•	•		
	RF	Check operation of all latches.	•	•	•	•	
Check heater/air conditioner blower fan, rear window defogger.		•	•	•	•		
Check rear view mirrors.		•	•	•	•		
LR	Visually examine the SRS airbag units for torn covers, obvious damage or attachment of decals, decorations or accessories.	•	•	•	•		
	<b>Final Inspection</b>						
Disc Brake Pad Thickness (mm): LF	Road test with check of brakes, suspension, steering, clutch/manual transmission or automatic transmission, shock absorbers (external). Burnish emergency brake.	•	•	•	•		
	<b>BMW Inspection II: Includes all items listed under Inspection I, and the following checks and maintenance items:</b>						
	<b>Engine Compartment</b>						
	Replace intake air cleaner element. <b>Note:</b> Reduce replacement interval in dusty operating conditions.	•	•	•	•		
	Replace spark plugs.		•		•		
	<b>Undercarriage</b>						
	Replace transmission fluid.		•		•		
Replace differential oil.		•		•			