

# BMW of North America, LLC

## 2001 Models (except X5) X5: use checklist SD92-158

### Service Maintenance Checklist

Customer's Name								
Chassis Number	Indicate # Lights illuminated in Service Interval Indicator <table border="1"> <tr> <td>G</td><td>G</td><td>G</td><td>G</td><td>G</td><td>Y</td><td>R</td> </tr> </table>	G	G	G	G	G	Y	R
G	G	G	G	G	Y	R		
BMW center	Mileage (on Service Interval Ind.)							
Repair Order No.	Mileage (on odometer)							

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.

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  
LF  
Tire Pressure (psi):

TECHNICIAN'S SIGNATURE	M Roadster, M Coupe	Z3 2.5, 3.0 Roadster/Coupe	325i, 330i	M3	5 Series (excl. M5)	M5	740i/L	750iL	Z8	✓
	E36	E46	E39	E38	E52					
BMW Oxygen Sensor Replacement, required at intervals of 100,000 mi.	●	●	●	●	●	●	●	●	●	
BMW Spark Plug Replacement, required at intervals of _____,000 mi.	60	100	100	60	100	60	100	100	60	
<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.	●			●		●			●	
Road test with check of brakes, suspension, 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.		●	●	●	●	●	●			
Remove and install front and rear disc brake pads, check overall thickness. Record results. Examine brake disc surfaces. Clean brake pad contact point in calipers. Grease wheel centering hubs.	●			●				●	●	
Check parking brake actuation. Adjust if necessary.	●	●	●	●	●	●	●	●	●	
Reset Service Indicator. <b>Note:</b> Do not reset Service Indicator when additional oil changes (between the normal intervals) are requested by the customer.	●	●	●	●	●	●	●	●	●	
<b>BMW Inspection I: Undercarriage</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	●			●						
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.		●	●	●	●	●	●			
Remove and install front and rear disc brake pads, check overall thickness. Record results. Examine brake disc surfaces. Clean brake pad contact points in calipers. Grease wheel centering hubs.	●			●				●	●	
Check front control arm bushings for wear.	●	●								

