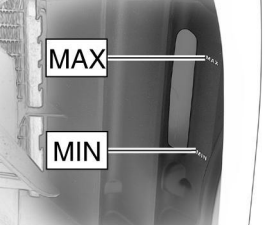
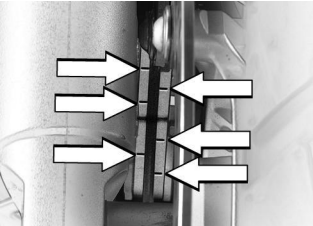
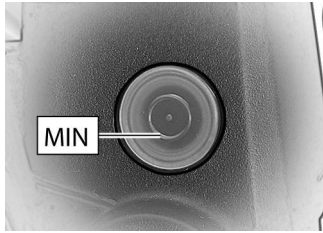
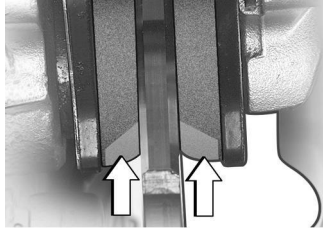



Technical data 0165 - G 650 Xchallenge

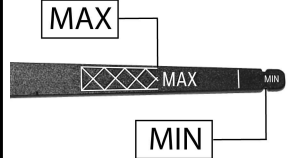
00 00 125 BMW Service with Annual Inspection (see Maintenance Schedule)

Designation	Condition	Value	Valid
Engine oil, capacity	Oil tank - preliminary filling	1.7 l	
	Oil tank - filling	0.6 l	
	Fluids and lubricants		
	of products recommended by BMW Motorrad and generally admissible viscosity classes		
Fork oil, capacity per fork leg		665 ml	
	Fluids and lubricants		
	Hydraulic fluid SAE 7,5		
Level of fork oil in fork leg (air chamber)	Forks fully compressed, spring removed, spacer installed	70 mm	
	Fluids and lubricants		
	Hydraulic fluid SAE 7,5		
Projection of fork tube in fork bridge	To top edge of fixed fork tube	10.5 mm	
Coolant, specified level		Between MIN and MAX marks on the expansion tank	
			
Valve clearance, inlet valve	Engine cold max 35 °C	0.03...0.11 mm	
Valve clearance, exhaust valve	Engine cold max 35 °C	0.25...0.33 mm	
Clutch-lever play	Engine cold	2...3 mm	
Brake disc thickness, front	When new	4.5 mm	
	Wear limit	min 4.0 mm	
Brake-pad wear limit, front	Friction pad only, without backing plate. The wear indicators (grooves) must be clearly visible.	min 1.0 mm	
			



Brake fluid level, front 	Brake-fluid reservoir horizontal	Do not permit the brake fluid level to drop below the MIN mark.	
	Fluids and lubricants		
	DOT4 brake fluid		
Brake disc thickness, rear	When new	5.0 mm	
	Wear limit	min 4.5 mm	
Brake-pad wear limit, rear 	Friction pad only, without backing plate. The wear indicators must be clearly visible.	min 1.0 mm	
Brake fluid level, rear 	Brake-fluid reservoir horizontal	Do not permit the brake fluid level to drop below the MIN mark.	
	Fluids and lubricants		
	DOT4 brake fluid		
Chain deflection	Motorcycle supported on its side stand	25...30 mm	
	Rear suspension extended	30...35 mm	
Tyre pressure, front	one-up, tyre cold	1.8 bar	
	two-up and/or with luggage, tyre cold	1.9 bar	
Tyre pressure, rear	one-up, tyre cold	2 bar	
	two-up and/or with luggage, tyre cold	2.2 bar	
Tyre tread depth, front and rear	Wear limit, for Germany only	min 1.6 mm	
	Wear limit, outside Germany	Country-specific legal requirements	
Test criterion, engine start interruption		Results of all test steps satisfied	
Engine oil, specified level		Between MIN and MAX marks	



			
<p>Engine oil, quantity for topping up</p>	<p>Difference between MIN and MAX</p>	<p>0.25 l</p>	
	<p>Fluids and lubricants of products recommended by BMW Motorrad and generally admissible viscosity classes</p>		