



BG4 ASSEMBLY

<i>Team</i>	<i>Date:</i>
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<i>Team Member:</i>

Demerit: 1 demerit for each omission (Order not important)

<i>For Failure to:</i>	<i>Demerit</i>
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1	Gather supplies and examine each part of the BG4	
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2	Fill the CO ₂ scrubber canister with soda lime, 2 filters, 2 screens	
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3	Assemble the CO ₂ scrubber canister (cover and metal alignment plate)	
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4	Install shoulder straps if necessary	
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5	Secure the sentinel with straps	
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6	Install waist belt if necessary	
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7	Assemble and attach moisture relief valve to breathing bag	
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8	Attach minimum valve to breathing bag	
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9	Install breathing bag	
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10	Connect the yellow medium pressure line to minimum valve	
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11	Connect the minimum valve to the frame	
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12	Assemble and connect the moisture relief valve to frame	
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13	Install the air cooler	
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14	Attach the breathing bag to the air cooler	
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15	Connect the blue medium pressure line to the air cooler	
16	Install the CO ₂ scrubber canister	
17	Attach the breathing bag to the CO ₂ scrubber canister	
18	Install the breathing bag retaining bar	
19	Assemble and install the pressure relief valve	
20	Connect the pressure relief valve to the CO ₂ scrubber canister	
21	Install positive pressure springs	
22	Assemble the connector assembly	
23	Attach breathing hose to air cooler and connector assembly	
24	Attach breathing hose to CO ₂ scrubber canister and connector assembly	
25	Position re-enforcing rings on breathing hoses	
26	Check hydrostatic date and install cylinder	

Total Demerits:

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Signature of Judge

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