












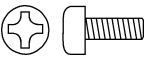
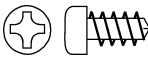
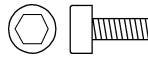
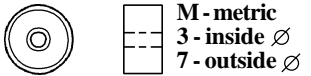
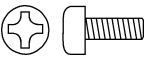
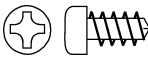
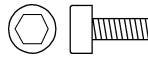
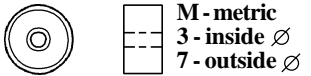
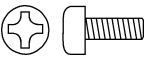
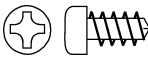
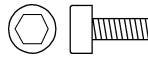
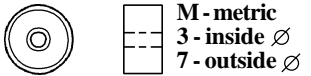
Bell 47G II Construction Manual

This manual has been written for Century's 50 size Bell 47G II scale helicopter available in ARF version and conversion kit. This is the detail construction of the Bell 47G II helicopter fuselage components, landing gear, tailboom assembly which work in cooperation with the scale mechanics instruction manual. This manual should be reviewed before starting the assembly as there are steps included that are different than in the generic scale mechanics manual. At steps that seem to be incorrect, simply refer back to this manual to find the correct components.

Instructional Detail

Every attempt has been made to ease the assembly of your helicopter, at each step where there are complex assemblies, there are detailed drawings, photos and written instructions to walk you through each step. Remember to take a few minutes before each step to carefully examine the instructions in order to become familiar with the parts and assembly sequence before beginning that step.

Symbols used to help assist you in building the kit:

	Full Scale Drawing		Repeat Steps as specified		Partially tighten		Helpful Tip				
	Apply oil		Apply threadlock		Purchased Separately		Cut away Shaded Portion				
	Special Attention		Apply JB Weld		Apply Grease						
<p>Hardware Description and Identification: M3x6 = 3x6mm and can refer to screws or ball bearings.</p> <table border="1"> <tbody> <tr> <td>  <p>M3x6 Phillips Machine Screw M - metric 3 - diameter 6 - length</p> </td> <td>  <p>M3x6 Self Tapping Screw M - metric 3 - diameter 6 - length</p> </td> <td>  <p>M3x10 Socket Cap Screw M - metric 3 - diameter 10 - length</p> </td> <td>  <p>3x7 Ball Bearing M - metric 3 - inside \varnothing 7 - outside \varnothing</p> </td> </tr> </tbody> </table>								 <p>M3x6 Phillips Machine Screw M - metric 3 - diameter 6 - length</p>	 <p>M3x6 Self Tapping Screw M - metric 3 - diameter 6 - length</p>	 <p>M3x10 Socket Cap Screw M - metric 3 - diameter 10 - length</p>	 <p>3x7 Ball Bearing M - metric 3 - inside \varnothing 7 - outside \varnothing</p>
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Recommended Tools & Accessories

The tools and materials listed below are the minimum needed to build the helicopter:

Screwdrivers - Slotted and Phillips head.
 Long-Nosed Pliers, wide jaw pliers.
 Allen Wrenches - 1.5mm, 2.0mm, 2.5mm.
 (supplied in kit) + 3.0mm
 Appropriate Socket Wrench
 (glow plug wrench for engine shaft nut)
 Hobby Scissors, clear tape, masking tape
 Double Sided Foam Tape (1/16" - 3/32")
 Foam Rubber (radio packing)
 JB Weld, Goop or Zap-a-Dap-a-Goo
 Thread lock liquid (e.g. Loctite)
 Hobby Grease (Super Lube)
 Oil to lubricate sliding shafts (Tri-Flow)
 Drill bits 0.8mm[1/32"], 1.5mm[1/16"],
 1.8mm[0.071"], 3mm[1/8"]

In addition, the following will make assembly and setup easier, and prove useful later in your model toolbox:

CN2015 Hardened Tip Hex Screw Driver Set
 CN2026 Pitch Gauge with Paddle Gauge.
 CN2034 15° Curve Tip Ball link Pliers.
 CN2052 Main Blade Balancer.
 CN2054 Special Glow Plug Wrench Set.
 CN2055 Ball Link Sizing Tool.
 CN2070 Universal Flybar Lock.
 CN2155 Piston Locking Tool.
 CN2219 Ball Link Easy Driver.
 CN2255 Control Rod Gauge.
 CNWI26555 5.5mm Nut Driver.
 CNWI26570 7.0mm Nut Driver.