

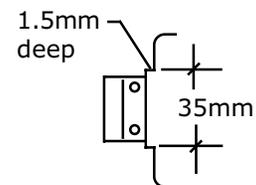
The scale accessory kit includes the key items to really make your Bell47G II super scale. The bottom plate positions the fuel tank facing backwards slimming the mechanics while the scale side frame extend up to the servo tray. The front mount muffler is now elegantly hidden below the battery tray.

Instructions:

1. Start by removing the cabin, fuel tanks, landing gear, both cabin body-mounts, the right lower side frame (to access the muffler bolts) and the side exhaust muffler. Remove and re-position the vent line to the top of the tank and make sure the pickup line moves freely in the bottom of the fuel tank in its vertical orientation.

2. Replace the right lower side frame to the main mechanics. The rear of the bottom plate has the shorter fuel tank bracket. Position the fuel tank with the opening to the rear. Insert two M3x8 Button Head Screws into the vertical bracket and attach the bottom plate, securing with two M3 Locknuts from below. Make sure the tab captures the top of the fuel tank to lock it in place.

3. Test fit the bottom plate to the mechanics, you will notice that the rear backplate bolts on the OS 50 engine interfere with the plate, remove and file a 35mm long by 1.5mm deep slot through the bracket and the bottom plate together. After removing enough to align the landing gear holes use a black marker to touch up the plate. Now position the tank assembly and insert two M3x8 Socket Cap Screws through the original front landing gear holes (the front landing gear is now mounted further forward) in the lower side frames, through the bottom plate and secure with two M3 Locknuts.

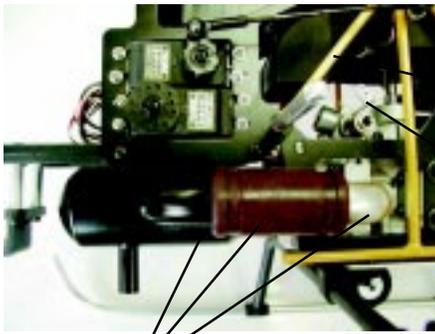


OS 50 modification.

4. Attach one round plastic standoff to each side of the upper truss pins, they are tight fit. Remove the two M3x12 Self Tapping Screws that attach the upper servo frame to the mechanics. Starting on the left side press the scale side frame (has only single brace to the cabin mount) onto the upper standoff on the tail truss and secure using one M3x35 Socket Cap Screw inserted through the hole in the front most horizontal brace, one 22mm spacer and threaded into the servo side frame. Repeat for the right side (right side has two braces to the cabin mount).

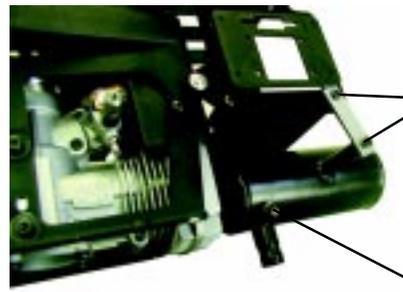
5. The bottom rail of the scale side frames are attached at the landing gear points using the yellow blocks. At the rear, insert one M3x20 Self Tapping Screw through the bottom leg of the tail truss, through the short yellow block, the side frame, the bottom plate and into the landing gear mount. Repeat for the other side. For the front, insert one M3x16 Button Head Screw through the tall yellow block, through the front-most hole in the bottom plate and into the front landing gear mount. Repeat for the other side. After the bolts are secured, press the bottom of the scale side frames in place (it is tedious to tighten the bolt when the side frame is in the final position) to engage the tab on the yellow blocks. Re-attach the cabin body-mounts through the scale side frame holes and thread into the captive nuts in the lower side frames using threadlock.





Left side scale frame has only one diagonal brace.

Throttle arm needs to be re-positioned to avoid touching the vertical brace.



Mount plate
M3x10 SHCS

M3x12 Self Tap
[CN1074C]

Pressure Fitting
[CN1074C]

Muffler, Header & Coupler
[CN1074C]

6. Attach the engine header, the silicon coupler and the muffler but do not attach the cable ties at this time. Remove the lower forwardmost M3x12 Self Tapping screw from the right side servo tray and install the 38mm mount plate, replacing the screw. Align the mount stud from the muffler to mount plate and secure with one M3x10 Socket Cap Screw using threadlock. Attach the pressure tap to the muffler. Attach the cabin to the side mounts without engaging the front hook and mark the center for the exhaust pipe where the pipe touches the bottom of the cabin and make the hole with the sanding stone in a moto-tool.

7. The throttle extension will need to be repositioned slightly forward (anti-clockwise) as in the basic setup it touches a vertical brace on the scale side frame. It may be necessary to bend the collective lever outwards from the mechanics to avoid it rubbing against the scale side frames. Attach the fuel lines and route on the right side of the mechanics to the carburetor and the pressure fitting on the muffler. Lastly, attach the cable tie wraps to the silicon coupler. As glow plug access is obscured, a remote glow plug adapter is recommended. When changing glow plugs remove the M3x10 SHCS that secures the muffler to the main mechanics and gently flex the muffler away from the glow plug to provide access.

Parts List:

CN1074B	Bell 47G II Scale Accessory Kit	
CN1074C	Scale Muffler with header	1 set
CN1074D	Scale Side Frames, Tank Mount & Hardware.....	1 set

Optional Accessories

CN2208	Anti-Rotation Bracket	
CN2220A	10mm Main Shaft Thrust Bearing Kit	
CN2222	Remote Glow Plug Adapter	
CN2235	Triple Bearing Tail Rotor Assembly	
CN2412	Hurricane 600mm Fully Symetrical Carbon Rotor Blades - White	
CN2413	Hurricane 600mm Semi Symetrical Carbon Rotor Blades - White	
CN2660	RotorTech 600mm Fully Symetrical Carbon Rotor Blades - Black/Carbon Weave	
CN3018	High Temperature Pipe Coupler 40-50	
CNBB1001	14 Piece Ball Bearing Upgrade Kit	

