

# Assembly Guide for Skidsteer Loader (Bobcat)

It is recommended that you first assemble sections of this model without glue, in order to familiarise yourself with the position of the various parts.

## Parts List (Number of parts in brackets)

A – Body inner side panel (2)	B – Chassis top panel (1)
C – Chassis bottom panel (1)	D – Chassis front panel (1)
E – Body rear panel (1)	F – Body outer side panel (2)
G – Cab rear panel (1)	H – Cab side panel (2)
J – Cab roof (1)	K – Side panel spacer (2)
L – Hydraulic arm assembly <ul style="list-style-type: none"><li>• A – Piston (4)</li><li>• B – Cylinder (8)</li><li>• C – Spacer (8)</li></ul>	M – Bucket assembly <ul style="list-style-type: none"><li>• a - Bucket floor panel (1)</li><li>• b – Bucket rear panel (1)</li><li>• c – Bucket top panel (1)</li><li>• d – Bucket sides (2)</li><li>• e – Bucket attachment lugs (4)</li></ul>
N – Wheels <ul style="list-style-type: none"><li>• a – Outer wheel disk (4)</li><li>• b – Inner wheel disk (12)</li><li>• c – Steel spacers (4)</li></ul>	P – Pivot pins and axles <ul style="list-style-type: none"><li>• Axles (2)</li><li>• Pivot pins (12)</li></ul>

## Method

Attach cab side panels H1 to cab rear panel G1. Attach cab roof J to side and rear panels, aligning J1 with G2, and J2 with H2.

Attach chassis top panel B to body side panel A, aligning B3 with A3. **CAUTION:** Take note of the orientation of panel B. There is a front end, and a rear end. It is suggested that you position your assembled cab on this part, in order to ensure the correct alignment. **DO NOT** glue the cab to the top panel yet. Attach the second body side panel.

Turn this part upside down, and attach the chassis bottom panel C.

Attach front panel D, aligning D1 with A4, and D2 with C2 and B4.

Attach rear body panel E, aligning E1 with A1E3 with B1 and E4 with C1.

Attach body outer side panels F, aligning F1 with E2. Insert side panel spacers K into the slots A2 and F2. **NOTE:** Spacer K1 is longer than K2, and should face to the rear of the body panels.

Assemble the hydraulic arms L, by attaching 2 of Lb to Lc. Do not use too much glue, otherwise it will run into the inside of the cylinder and prevent the piston A from being able to slide in and

out. It is a good idea to insert A into the completed cylinder and move it in and out a few times, to wipe away any excess glue. Remove A and wipe clean. Do not leave A in the cylinder assembly while the glue is drying, otherwise it may become stuck.

Assemble the bucket as follows: Align b1 and c1, and while holding it in one hand, press e1 into c3 and e2 into b3. This is a tight fit, and may require a few attempts to get it right. Once the first one is done, the other three will be easier.

After attaching the mounting lugs e, attach the bucket sides d, aligning d1 with a1, d2 with b3 and d3 with c3.

Assemble wheels in the following sequence: Na, Nb, Nb, Nb. Use an axle to align the wheels. Repeat for remaining 3 wheels. Glue one wheel onto an axle, place a spacer Nc on the axle, push axle through the body A6, place another metal spacer on the axle, then glue the second wheel onto the axle. Repeat for second axle.

Mount bucket arms L to body side panels A, aligning L1 with A7. Press a pivot pin P through the hole. Attach hydraulic piston La to A8 and secure with a pivot pin. Slide La into Lb and attach Lb to L3. Attach L4 to E4 and secure with pivot pin. Attach Lb to L2 and La to E3 and secure with pivot pins. Repeat for opposite side.

Mount completed operators cab to chassis top panel B.



