SSC V2.5F

ASSEMBLY INDEX

Start with a sharpened or new 2.0 driver

Install components polished side-up

**********SSC v2.5f is designed for use with ROAR-approved hardcase batteries only**********

STEP NO.	INSTALL:	COMPONENT Count	COMPONENT ID Bag	HARDWARE Count	HARDWARE ID Bag	HARDWARE UTILIZED	ASSEMBLY TIPS
1	Velcro battery straps into bottom plate soft side up w/1.7" beyond chassis' outer edge - pinch straps' width to fit into milled pockets						
2	Outer Edge Battery Blocks (2-short 1/4x1/4")	2	**c1**	4	**HW1**	stainless m3x8 flatheads	apply red threadlocker
3	Chassis Spine - long 1/4"x1/4" w/thru hole up front	1	**c1**	Rear 3	**HW1**	stainless m3x8 flatheads	apply red threadlocker
4	Center Support Post (shorter side up)	1	**c1**	Front 1	**HW1**	alloy m3x14 flathead	apply red threadlocker
5	Front & Rear Battery Stops (tall w/rubber gasket & short)	2	**c1**	4	**HW1**	stainless m3x8 flatheads	apply blue threadlocker
6	Front & Rear A-arm Mounts (2 pairs)	4	**c2 & c3**	8	**HW2**	m3x16 flatheads then locknuts	apply red threadlocker & apply torque pattern until tight
	(install front mounts with a-arm notch facing back and vise-versa for rear mounts)					m3x10fh's in front blocks' rears	apply red threadlocker & apply torque pattern w/front screws
7	Front Bottom 1"x2" Diff Gasket lined up with front edge - carefull cut open screw holes using a sharp hobby knife from topside & hole edge as your blade guide.						
8	Rear Bottom 1"x1" Diff Gaskets (2) with thicker one lined up with rear edge and screwholes cut with sharp hobby knife from topside (test fit square gaskets to check for best fit before install)						
9	Front Bumper Block (w/3mm threads on highside facing forward)	1	**c4**	1	**HW3**	stainless m4x12 flathead	screw holds block until after front blue hinge plate is installed
10	Steering Posts (2) - bottomside only (use shock shaft pliers)	2	**c5**	2	**HW3**	alloy m3x8 flatheads	apply red threadlocker
11	HARDWARE BONUS - steering link to bellcrank (upside down screw):			1	**HW6**	ss m3x14socket cap	apply red threadlocker
	steering link screw to servo horn (recommend aluminum OFNA horn)			1	**HW6**	ss m3x12socket cap	apply red threadlocker
12	Bottom Bellcrank Spacers (2-thick spacers)	2	**c6**				
13	Line up narrow 3/32" gasket strip to front gearbox's plasticside bottom rear holes & holepunch then position						
14	OEM Front End Clip w/gearbox, bellcrank, links, a-arms & hinge pins - drop in steering bellcrank 1st and then slide front gearbox into place. **Pre-oil hinge pin holes & pins - ie. thin layer of bearing oil**						
	Tip - intall front blue hinge plate into front bumper block w/OEM screw & align w/front bumper's back screw (3mm front hinge plate screw is a guide only-do not tighten all the way)						
15	HARDWARE BONUS - front gearbox & bumper bottoms			4	**HW5**	stainless m4x12 flatheads	cut rear corners of front bumper for access to M3x10FHs
16	10x19x5mm Diff Bearing into Diff Mount	2	**c7's**	Oil diff mount's bearing surface, align flush and work in evenly w/o excessive force (quick grips or flat against table)			
17	OEM Center Differential into Diff Mount's bearing/back-side						install squarely without excessive force
18	OEM Driveshaft with Center Diff Assembly (keep bottom 2 of diff mount loose)			2	**HW3**	stainless m3x8 or 10 flatheads	front of diff mount has milled pockets w/bigger one on bottom
19	OEM Rear End Clip - w/a-arms & hinge pins (turn differential to align rear pinon gear) - **Pre-oil hinge pin holes & pins - ie. thin layer of bearing oil (no dry grease)**						
20	HARDWARE BONUS - rear gearbox & bumper/skidplate bottoms (tighten w/bottom diff mount)			4	**HW3**	stainless m3x12 or 14 flatheads	
	& back screw			1	**HW4**	stainless m4x16 buttonhead	drill a 4mm hole thru bumper & blue plate
21	OEM Body Posts sliced 1/4" shorter to F/R Top Plates (for JC's EB48 body) - recommend drilling small hole deeper and using OEM black oxide 3x8mm buttonhead screws w/red threadlocker						
22	Rear Top Plate w/diff mount screws first, then rear gearbox top 2	1	**RTP**	4	**HW4**	ss m3x8sc's then m4x10bh's	
23	Your Servo onto Front Top Plate	1	**FTP**	4	**HW6**	stainless m3x10sc's + locknuts	pre-install servo, front body post and/or antenna mount
24	Top Bellcrank Spacers (2-thins) & Front Top Plate w/servo	2	**c6**	5	**HW5**	3 ssm3x8sc's then m4x10fh's	apply red threadlocker to all m3x8sc's
25	Your Motor onto Motor Mount (and pre-install your pinion gear loosely)	1	**c8**	2	**HW7**	alloy M3x8 flatheads	apply smidgen of red threadlocker (2 threads)
26	Motor Mount w/your motor into place, align & tighten motor mount & pinion			3	**HW7**	m3x8/10fh's & ss m3x14sc	apply red threadlocker (pinion mesh tightens up a tad w/screws)
27	Your ESC just behind servo w/3-layers of clear double sided tape, your receiver w/2-layers either in front of or behind ESC & your **transponder** w/2-layers along outer edge beneath servo						
28	Plug your servo into receiver, center on radio then align/install servo horn w/bonus screw			1	**HW6**	stainless m3x8sc	apply blue or smidgen of red threadlocker
29	Set front battery stop using battery (double check battery wires are clear of any blocks & straps)						*face bullet connectors to the rear for added front impact safety
30	With battery still in place set rear battery stop with a loose-snug to allow for battery expansion when warm						*use fingers to hold outer strap against battery & velcro tight
31	**after use check tightness of motor mount, bottomside steering posts, center support post & rear two of front arm blocks and re-apply red-threadlocker one time if necessary**						