



INSTALLATION GUIDE

part# GEN-AIR-ASR-0001

AERO **SRS** ————— AERO STARTING RESTRAINT SYSTEM

FITS: MOST GAS AND NITRO-POWERED PLANES, FROM 10CC TO 170CC

CONGRATULATIONS ON THE PURCHASE OF THE FINEST RESTRAINT AVAILABLE FOR THE RC MODEL AIRPLANE WORLD. DESIGNED AND MANUFACTURED WITH GREAT PRIDE IN THE USA.



INSTALLATION TIME

INSTALLATION TIME IS ESTIMATED AT APPROXIMATELY **0.5 - 1** HOURS. ACTUAL TIME MAY VARY.



DIFFICULTY

INSTALLATION DIFFICULTY IS RATED AS MODERATE (2/5).



AIRSPEEDRC WANTS YOU TO FULLY ENJOY YOUR NEW PRODUCT, SO PLEASE **READ** THIS INSTALLATION GUIDE **PRIOR** TO INSTALLATION.

IF YOU HAVE ANY QUESTIONS OR NEED ASSISTANCE, PLEASE CONTACT TECH SUPPORT AT INFO@AIRSPEEDRC.COM



TOOLS / SUPPLIES REQUIRED

- HEX DRIVER/ALLEN KEY, M1.5
- LOCTITE THREADLOCKER MEDIUM OR EQUIVALENT
- FLAME LIGHTER OR SOLDERING IRON
- HEX DRIVER/ALLEN KEY, 5/32"
- SCISSORS AND/OR HOBBY KNIFE



SAFETY PRECAUTIONS



FOLLOW ALL MANUFACTURE RECOMMENDATIONS FOR STARTING RC ENGINES AND FLUIDS. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY AND/OR DEATH. ALWAYS ENSURE SAFE WORKING PRACTICES.



DO NOT ATTEMPT TO START ENGINE WITHOUT CHECKING THAT THE RESTRAINT IS FULLY AGAINST THE STABILIZER OF THE AIRCRAFT. AIRCRAFT MAY LUNGE FORWARD CAUSING INJURY IF NOT CHECKED.



ALWAYS WEAR EYE PROTECTION WHEN STARTING YOUR ENGINE.



WEAR PROTECTIVE GLOVES TO AVOID INJURY WHILE STARTING YOUR ENGINE.

THANK YOU FOR YOUR CONFIDENCE IN CHOOSING AIRSPEEDRC

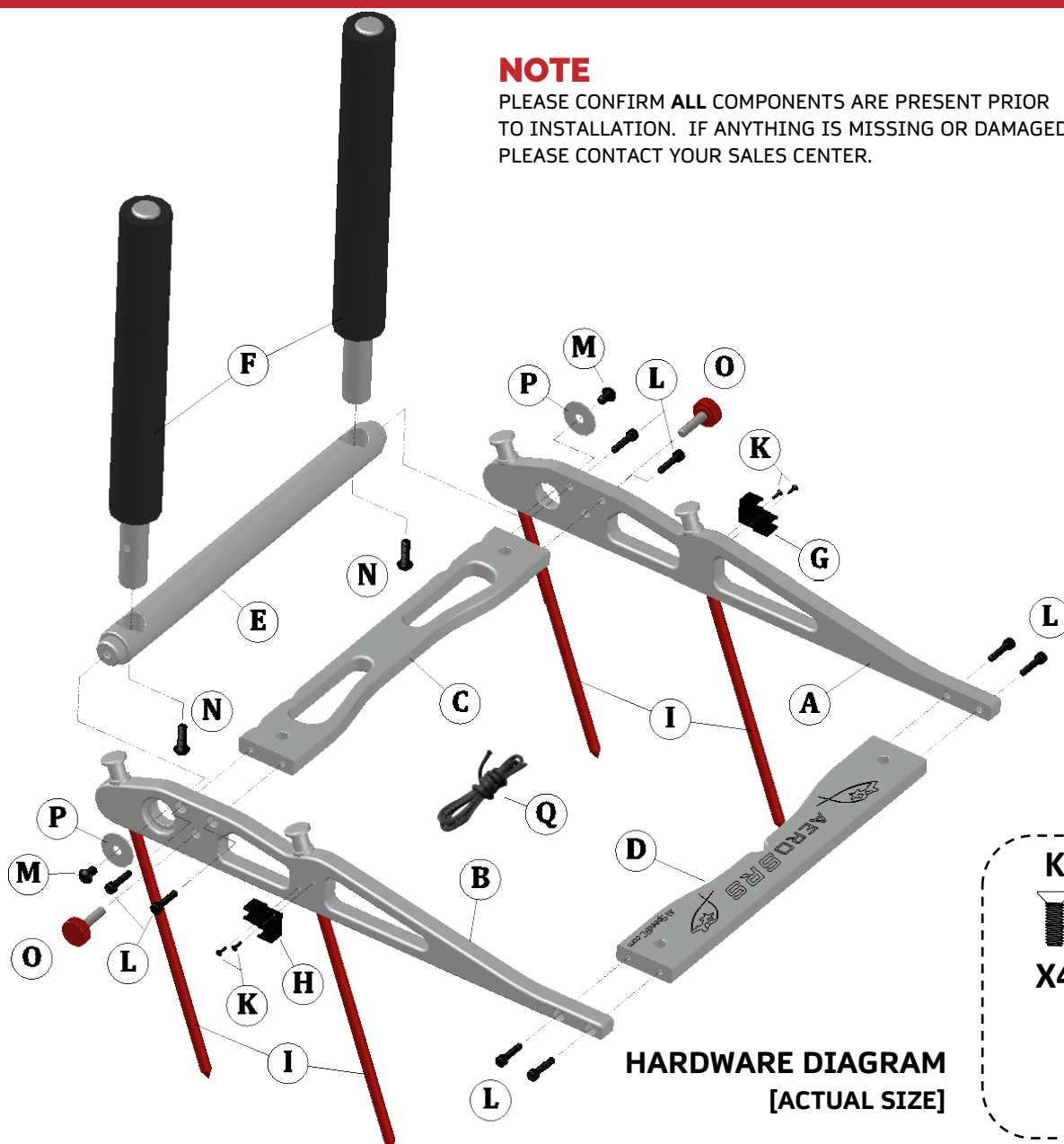


PARTS DIAGRAM

part# GEN-AIR-ASR-0001

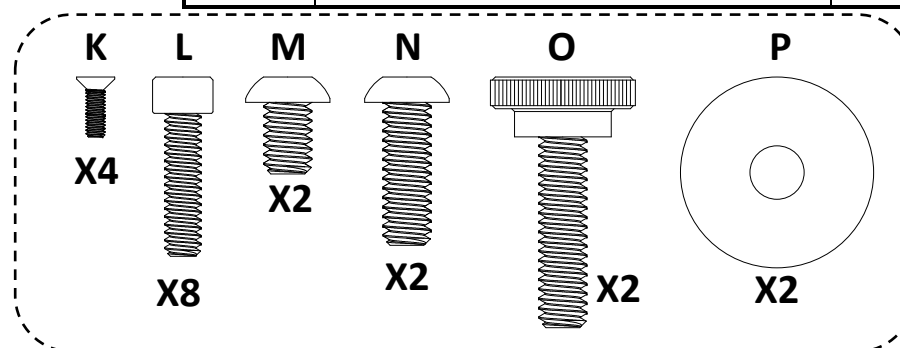
NOTE

PLEASE CONFIRM **ALL** COMPONENTS ARE PRESENT PRIOR TO INSTALLATION. IF ANYTHING IS MISSING OR DAMAGED, PLEASE CONTACT YOUR SALES CENTER.



MAIN BOX PACKAGE 1 OF 1

ITEM	DESCRIPTION	QTY
A	ALUMINUM SIDE FRAME, LEFT	1
B	ALUMINUM SIDE FRAME, RIGHT	1
C	ALUMINUM BRIDGE, UPPER	1
D	ALUMINUM BRIDGE, LOWER	1
E	ALUMINUM AXLE	1
F	ALUMINUM UPRIGHT, WITH FOAM	2
G	STAKE HOLDER, LEFT	1
H	STAKE HOLDER, RIGHT	1
I	RED STAKES	4
J	NYLON PARACORD, 36" LONG	1
K	FLAT HEAD SOCKET CAP SCREW, M2.5 - 0.45 X 8MM LONG	4
L	SOCKET HEAD CAP SCREW, 10-32 X 3/4" LONG	8
M	BUTTON HEAD SOCKET CAP SCREW, 1/4"-20 X 3/8" LONG	2
N	BUTTON HEAD SOCKET CAP SCREW, 1/4"-20 X 3/4" LONG	2
O	THUMB KNOB SCREW, 1/4"-20 X 1" LONG	2
P	FLAT WASHER, 1" OD	2
Q	PARACORD, 36"	1





PRO TIP: It is advised that Loctite, medium strength is used throughout assembly to ensure the hardware does not loosen over time.

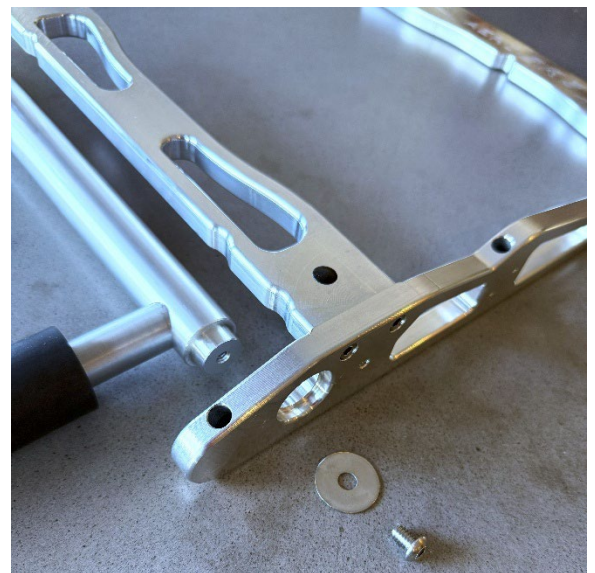
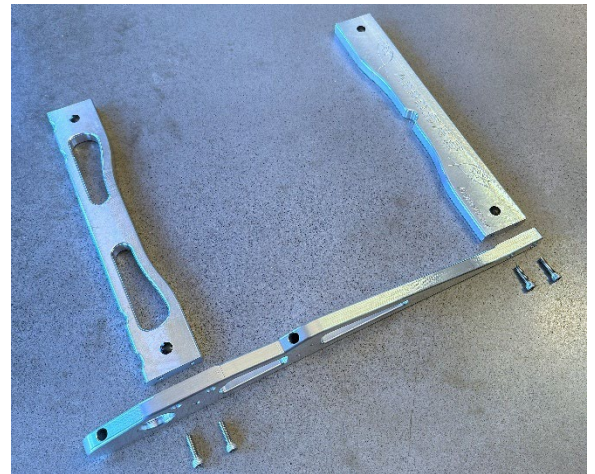
- Insert both uprights [F] into axle [E] and insert button head cap screw 3/4" long [M] into the threaded holes, do not fully tighten yet, allow the upright to rotate in axle pocket. The uprights will need to be positioned in later step. Set aside the axle and uprights.



NOTE: The side frames [A] & [B] have counterbored holes and the small threaded stake holder bracket tapped holes face the **OUTSIDE** of the restraint.

The Upper and Lower Bridge sections [C] & [D] have holes in them that are used for manufacturing purposes only. These holes are not intended to be used with the restraint stakes; we have installed plastic hole plugs to prevent users from accidentally using these holes with the stakes. The plugs should face upwards and orient the bridges as shown with the notches facing the uprights.

- Attach upper and lower bridge pieces [C] & [D] to right side frame [A] with 10-32 socket head screws [L].
- Place upright/axle assembly into right side frame [B] and install washer [P] on outside of frame and Button Head Socket screw 3/8" long [M] into axle side.
- Attach left side frame [A] to upper/lower bridges [C] & [D] with 10-32 socket head screws [L]. Attach upright/axle assembly [E] & [F] using washer [P] on outside of frame and button head socket screw 3/8" long [M].



- Fold the uprights so they are in the closed/collapsed position and rotate each upright [F] so that the 1/4" diameter locking holes are aligned with the threaded holes in the side frames. Once aligned, install red thumb knob screws [O] into both side frames and into upright locking holes. Remove the button head screws [N] securing the uprights to the axle and coat with Loctite and re-install for final assembly.



- Locate right and left stakeholders [G] & [H] and attach Flathead socket cap screws [K] using 1.5mm hex key.
- Inspect each stake and attempt to unscrew the head from the stake, if it unscrews, apply Loctite to the threads and reassemble.



- Cut the black nylon paracord into (4) pieces, 9" long each. To prevent the paracord from fraying, use a lighter or soldering iron tip to sear the ends. Insert paracord through the stake heads tie a loop around each stake end, this will allow for easier removal from the ground once inserted.





DISCLAIMERS / USAGE



Please follow and obey all manufacturer safety and operating instructions for your aircraft's engine/motor. The AeroSRS is intended to restrain the aircraft during starting conditions (low idle) only. Due to unknown circumstances, it is the user's responsibility to examine his/her soil conditions and determine if the AeroSRS stakes are able to withstand the thrust output of the engine at idle.



Never attempt to start the engine with a throttle setting higher than idle. Always ensure that the tail/elevator of the aircraft is pressed up against the uprights. During the flipping of the propellor the aircraft may be pushed back inadvertently, it is the responsibility of the user to ensure the aircraft stays against the uprights to prevent any lurching forward during starting.

Due to varying engine/motor thrusts, the restraint stakes are not intended to restrain the aircraft with throttle settings higher than idle speeds.



The Upper and Lower Bridge sections (C & D) have holes in them that are used for manufacturing purposes only. These holes are not intended to be used with the restraint stakes, we have installed plastic hole plugs to prevent users from accidentally using these holes with the stakes. Please only use the holes that are machined into the left & right side frames as shown in the assembly illustration.

AirSpeedRC is not responsible for any loss, injury or damage resulting from the misuse of its products. You alone are responsible for the safe operation of your airplane and motor.

CONTACT

That's it, you are finished, we hope the AeroSRS provides you with many years of enjoyment and adds to the safety of your aircraft adventures. Thank you for purchasing this AirSpeedRC product. If you have any questions regarding this product or installation, please do not hesitate to contact us via phone (856) 772.9500 or email info@airspeedrc.com.

