

R44-series Tailcone & F050 Horizontal Stabilizer Upgrade Kit Instructions

Replaces C023-1, -14, or -15 tailcones (Rev AV & prior) with C023-1, -14, or -15 (Rev AW or later) tailcones, and C044-1 horizontal stabilizers with F044-1 vertical stabilizers mount assembly. Also installs F050-2 horizontal (symmetrical) stabilizer assembly. Reweighing of helicopter is required after installation of kit contents. Kit is not approved for installation on Raven I helicopters fitted with C169-1 exhaust muffler assembly, which has a shroud diameter of 6.0 inches. C169-35 exhaust muffler assembly, or C169-36 muffler sub-assembly may be installed to meet kit installation requirements. To determine eligibility for installation, refer to R44 Service Letter SL-89 (current-revision).

NOTE

Visit <https://robinsonheli.com/> to verify kit instructions are current revision. Verify kit contents match list; contact RHC Customer Support if parts are missing or damaged.

NOTE

Refer to R44 Maintenance Manual (MM) and R44 Illustrated Parts Catalog (IPC) for installation data.

ITEM	PART NUMBER	KIT CONTENTS	QTY
1	KI-4411-1Instr.	Kit Instructions	1
2	B330-19	Palnut	2
3	C023-XX	Tailcone Assembly (select p/n [below] as required.)	1
	C023-1.CS*	Tailcone Assembly (3-antenna)	0
	C023-14.CS*	Tailcone Assembly (5-antenna)	0
	C023-15.CS*	Tailcone Assembly (3-antenna and NAV antenna)	0
4	D210-3	Nut	4
5	D210-6	Nut	2
6	F044-1.CS*	Vertical Stabilizers Mount Assembly	1
7	F050-2.CS*	Horizontal (Symmetrical) Stabilizer	1
8	R5388	Tailcone Crate	1
9	MS3367-4-9+	Ty-rap (Note: "+" in part number indicates 20-qty pack)	1
10	MS3367-5-9+	Ty-rap (Note: "+" in part number indicates 20-qty pack)	1
11	NAS1149F0332P+	Washer (Note: "+" in part number indicates 20-qty pack)	1
12	NAS1149F0432P+	Washer (Note: "+" in part number indicates 20-qty pack)	1
13	NAS1149F0632P+	Washer (Note: "+" in part number indicates 20-qty pack)	1
14	NAS1149F0663P+	Washer (Note: "+" in part number indicates 10-qty pack)	1
15	NAS6603-2	Bolt	4
16	NAS6604-3	Bolt	4
17	NAS6606-47	Bolt (This part is provided based on availability; alternate part below may be supplied.)	2
	NAS6606-48	Bolt	0

* ".CS" suffix indicates part has paint finish options; contact Customer Support.