

R44 II IO-540 Engine Installation Provisions Kit & Instructions

Engine not included. (New or overhauled engines ordered from RHC have provisions kit installed.)

NOTE

Visit www.robinsonheli.com to verify kit instructions are current revision. Verify kit contents match list; contact RHC Customer Service if parts are missing or damaged.

NOTE

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

ITEM	PART NUMBER	KIT CONTENTS	QTY
1	KI-4406Instr.	Kit Instructions	1
2	A130-51	Spacer	1
3	A412-1	Cover	2
4	A457-6	Fitting	1
5	A457-9	Tee	1
6	A457-10	Elbow	1
7	A484-3	Plate	6
8	A701-1.5FT	Aluminum Tape (1-inch wide, 5-ft length)	1
9	A729-10	Tube	1
10	A729-31*	Tube	1
11	A729-34	Tube	1
12	A729-35	Tube	1
13	A729-36	Tube	1
14	A785-19	Hose – Air Duct (magnetos)	2
15	A785-32	Hose – Air Duct (alternator)	1
16	B161-102-3	Spirap (1/8-inch diameter, 3-inch length)	4
17	B162-2	Clipnut	12
18	B173-6	V-Belt – Alternator (for use with D748-6 alternator. This part will be provided unless an alternate part [below] is selected.)	1
	B173-3	V-Belt – Alternator (for use with D748-1 alternator)	0
19	B277-16	Clamp	2
20	B277-24	Clamp	2
21	B277-28	Clamp	6
22	B283-7	Hose Assembly (fuel system)	1
23	B401-2	Grommet – Angle Valve	11
24	C306-4	Panel Assembly (upper)	1
25	C306-5	Panel (lower)	1
26	C309-6	Panel Assembly	1

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
27	C310-4	Panel Assembly (upper)	1
28	C310-5	Panel (lower)	1
29	C357-1	Clip – Angle	2
30	C449-1	Cover Assembly (engine, r/h side)	1
31	C449-3	Cover Assembly (engine, l/h side, with aft battery installation. This part will be provided unless alternate part [below] is selected.)	1
	C449-1	Cover Assembly (engine, l/h side, all other battery installations)	0
32	C487-1	Retainer – Straight	2
33	C487-2	Retainer – Bent	2
34	C730-1	Guard – Fuel Hose	1
35	D143-1	Nut Assembly	2
36	D210-3	Nut	12
37	D380-1	Panel Assembly – LH	1
38	D380-3	Panel Assembly – Center (large)	2
39	D380-7	Panel Assembly – LH (end)	1
40	D380-9	Panel – Center (small)	2
41	D380-10	Panel Assembly – RH	1
42	D380-12	Panel Assembly – RH (end)	1
43	D381-1	Cover Assembly – LH (cooling system)	1
44	D382-4	Cover Assembly – RH (top)	1
45	D382-5	Cover Assembly – RH (end)	1
46	D664-2	Strap	2
47	D695-6	Cover	1
48	D751-1	Panel Assembly – Aux Oil Cooler	1
49	D754-1	Baffle Assembly – Intercylinder	1
50	D774-13	Spring	4
51	STD-160	Lockwasher (Lycoming part number)	2
52	06B26811**	Gasket (Lycoming part number)	6
53	73032	Gasket (Lycoming part number)	1
54	MS21042L08	Nut	117
55	MS21900D6	Adapter	1
56	MS21919WDG2	Clamp	2
57	MS21919WDG4	Clamp	2
58	MS21919WDG6	Clamp	2
59	MS21919WDG7	Clamp	1
60	MS21919WDG22	Clamp	2
61	MS27039C0805	Screw	119
62	MS27039C0806	Screw	32

ITEM	PART NUMBER	KIT CONTENTS (Cont'd)	QTY
63	MS27039C0807	Screw	2
64	MS29512-06	Packing	1
65	MS3367-3-9	Ty-Rap	10
66	MS3367-5-9+	Ty-Rap (Note: "+" in contents part number indicates 20-qty pack)	1
67	MS3367-7-9+	Ty-Rap (Note: "+" in contents part number indicates 10-qty pack)	1
68	MS35489-2	Grommet	6
69	NAS1149F0332P+	Washer (Note: "+" in contents part number indicates 20-qty pack)	1
70	NAS1149FN816P+	Washer (Note: "+" in contents part number indicates 20-qty pack)	10
71	NAS1351-3-6P	Screw	1
72	NAS1351-3-16P	Screw	12
73	NAS1352-08-8P	Screw – Socket Cap	5
74	NAS6603-5	Bolt	1

* Use with C727-2 Breather Tube (0.75-inch diameter). Refer to R44 IPC Figure 71-5.

** Replaces cork gaskets (if installed) under rocker box covers on engine.