



Subject: Saft Tool Kit for maintenance of Ni-Cd aircraft batteries

- The **new tool kit (P/N 416161)** replaces all existing Saft maintenance kits for standard design batteries (excluding US Mil Spec products).
- The tools come in a polypropylene box and each tool is insulated to ensure optimum safety for the technician.
- A **specific version (P/N 416160)** exists for batteries with CEI60952 Type A connector.

Content of tool kits

Part Number	Description	Quantity
105112	Syringe	1
164829	Equalizing resistors (1Ω / 3W)	20
416159	Cell extraction tool (M8/M10)	2
413876	Universal vent wrench	1
416228	Nozzle 12 mm*	1
416229	Nozzle 15 mm*	1
416231	Nozzle 20 mm*	1
416232	Nozzle 20 mm for MS valves*	1
416233	Nozzle 24 mm*	1
416235	Nozzle 33 mm*	1
416236	Nozzle 38 mm*	1
414152	Wrench M18 for connector**	1
414151	Wrench M22 for connector**	1

(*) Individual nozzle orders include a syringe

(**) Only included in Tool kit **P/N 416160**

These 2 tool kits replace all existing Saft battery maintenance kits which are hereby cancelled.



Aviation Marketing and Product Support Manager
E-mail: marc.genicot@saftbatteries.com



Batteries corresponding to Kit 416161

1 Series			
1201	1606 series	1656 series	170CH-1
12101	1608-1	1658 series	1718
1277	16106-1	1666-1	1811CH1
151CH series	16158	1756 series	187CH
154CH1	16556-1	176CH series	

2 Series			
20108 series	23396	2506A-2	27178-2
20126-2	23476	25106	2726CH1
23150	23478	25106-2	27278-2
23171-4	23491 series	2520	272CH1
23175	23498-1	26108 series	27378
23176	2353-1	2618	27478
23180	23578	26508 series	274CH1
23186	235VX-1	26608	27559-1
2325VX series	23678-1 series	26708	2758
23376	2371 series	26808	276CH series
23378	2376 series	2708 series	2778 series
23390	2378 series	270CH series	277CH1
23390	2500		

3 Series			
310VX series	340CD series	345CD1	3759-2

4 Series			
40100 series	4020CH	4071 series	4318CH24
40108 series	40278 series	4076 series	437CH14
40109-1	403CH	4077	438CH2
4010CH	4037CH	4078 series	4410CH1
40118 series	4050 A1 series	4079-1	441CH1
40152	40576 series	4079-5 series	4417CH1
40153	4059	407CH series	442CH1
40176 series	405CH series	40978-1	447CH1 series
40178 series	40678-2	409CH2	4579
40179 series	406CH1	4317CH1	4608-1



5 & 6 Series

5015CH3	5319CH1	605	666
505CH series	539CH1	616	
5347CH1	539CH2	6206	

Others

A185CH	A278CH2	A407CH-3	B153CH1
A20108	A400CH	A447CH12	GB170
A2506A-2	A40279-1	A5025CH1	
A2710CH1	A405CH2	A530CH1	
A275CH1	A4076-21	B1513CH1	

Batteries corresponding to Kit 416160

2-10-35 A	4000 A1 series	40200 series	40306
2506 (H)	4006 A series	40202	40308 series
2506-1 (H)	4008-1 (H)	40206 series	4080
2506-1 (V)	400CH	40208 series	A408CH
2506-2			



Cancelled and replaced tool kits

The following tool kits are replaced by new tool kit P/N 416160	
103000	167524
103012	167698
116756	410201
167287	410060

The following tool kits are replaced by new tool kit P/N 416161	
117452	413650
414729	410507
166826	413651
103026	103005
414821	414271
415601	415241
166294	116760
413587	104152
410200	103023
414382	103027
166939	116759
102998	411315
415737	167215
414685	410449
415189	017569-000
102998	020660-000
415764	017568-000
414424	025087-000
102999	018168-000
414363	024713-000
103019	024629-000
116757	



Document :
Revision :
Last update :

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SAFT France & SAFT US Cross reference

Content of Tool kit P/N			Cancelled & Replaced P/N Equivalent to existing Tool kit P/N		Description
SAFT France P/N	SAFT America P/N	Other P/N	SAFT France P/N	SAFT America P/N	
105112					Syringe
164829					Equalizing resistors (1Ω / 3W)
416159			014735 for M8 414150 for M8 013169 for M10 414149 for M10 415629 for M10 458482 for M10	017557-000 for M8 017556-000 for M10	Cell extraction tool (M8/M10)
413876	093365-000	458670 Supplier's P/N : 700260	015528 046002	093382-000	Universal vent wrench
416228	020915-002	458699	014590	017536-000	Nozzle 12 mm*
416229			014591		Nozzle 15 mm*
416231	020915-004	459854	016544	017536-004	Nozzle 20 mm*
416232	020916-001	458469	104184	020914-001	Nozzle 20 mm for MS valves*
416233	020916-002		015778		Nozzle 24 mm*
416235			410199		Nozzle 33 mm*
416236			410233		Nozzle 38 mm*
414152**			105100		Wrench M18 for connector**
414151**			013168		Wrench M22 for connector**

(*) Individual nozzle orders include a syringe

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