



GE Aviation

CF34-8 Technical Manual Index May 1, 2021

Following is the **CF34-8 Component Maintenance Manual Section** of the Technical Manual Index.

All Component Maintenance Manuals are revised as required.

An asterisk (*) behind the Rev No. indicates the manual has been revised since the last issue of the Technical Manual Index.

ACMM indicates an Abbreviated Component Maintenance Manual.

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ATA#	GEK#	ENGINE MODEL CF34	NOMENCLATURE	GE P/N	VIN	VENDOR CAGE CODE	CURRENT REV	DATE
	119181	ALL	Controls and Accessories Suppliers Product Support Summary					01/06/21
30-21-13	119244	-8E	Nose Cowl Anti-Ice Valve		3215790-3	AleniaAermacchi S.P.A. - Honeywell (59364)	Basic	10/30/03
71-11-01	119245	-8E	Right Fan Cowl		15D1100003 15D1100007 15D1100009	Leonardo S.P.A. (A2142)	1	03/01/17
71-11-02	119246	-8E	Left Fan Cowl		15D1600003 15D1600007 15D1600009	Leonardo S.P.A. (A2142)	1	03/01/17
71-13-02	112729	-8E	Aft Core Cowl		15F0001-009	Aircelle (F3700)	4	09/30/19
71-50-30	112713	-8E	W-3 Harness		14G0186-007	Aircelle (F3700)	2	06/15/04
71-50-31	112714	-8E	W-4 Harness		14G0184-003	Aircelle (F3700)	2	06/15/04
71-50-32	112717	-8E	W-10 Harness		14G0187-001 14G0187-003	Aircelle (F3700)	3	12/31/09
71-50-33	112715	-8E	W-11 Harness		14G0182-003	Aircelle (F3700)	2	06/15/04
71-50-34	112716	-8E	W-12 Harness		14G0185-007	Aircelle (F3700)	1	06/15/04



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71-51-18	117615	-8E	W-8 Harness		15E0404005 15E0404005M1 15E0404005M2 15E0404007 15E0404009 15E0404011	AleniaAermacchi S.P.A. (A2142)	1	08/01/12
71-51-19	117616	-8E	W-9 Harness		15E0405005	AleniaAermacchi S.P.A. (A2142)	1	08/01/12
71-61-01	119247	-8E	Inlet Cowl		15C0003005 15C0003007 15C0003009 15C0003011	AleniaAermacchi S.P.A. (A2142)	2	09/01/19
73-11-01	105101	-8C1/-8C5/ -8E	Fuel Pump	4120T04P04 4120T04P05 4120T04P07 4120T04P08 4120T04P09 4120T04P10	829500-4 829500-5 829500-7 829500-8 829500-9 829500-10	Eaton (formerly Argo- Tech) (59875)	4	10/01/19
73-11-07	105102	-8C1/-8C5/ -8E	Combustion Liner Fuel Injector	4124T16P05 4124T16P07	522P169-01 524P718-01	Woodward FST (65065)	Basic	06/30/01



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73-20-03	105105	-8C1/-8C5/ -8E	Wiring Harness	2160M11P03	421654	Unison Industries (59501)	8	05/31/18
				2160M11P04	507990-1			
				2160M12P03	421656			
				4120T20P03	421332			
				4120T20P05	421646			
				4120T20P07	507987-1			
				4120T21P01	421249			
				4120T21P02	421391			
				4120T21P03	421647			
				4120T21P05	507989-1			
				4120T24P02	421308			
				4120T24P04	421648			
				4120T24P05	513969-1			
				4120T25P02	421393			
				4120T25P03	421649			
				4120T26P02	421394			
				4120T26P03	421650			
				4142T52P03	421560			
				4142T52P04	421655			
				4142T52P05	509823-1			
				4142T54P02	421465			
				4142T54P03	421601			
				4142T54P04	421657			
				4142T54P05	501770-1			
				4142T54P06	510573-1			
				4142T55P02	421466			
				4142T55P03	421658			



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73-21-01	105103	-8C1/-8C5	Full Authority Digital Electronic Control (FADEC)	4120T00P12	111E9320G13	BAE Systems (89954)	8	04/24/20
				4120T00P13	111E9320G14			
				4120T00P14	111E9320G15			
				4120T00P15	111E9320G16			
				4120T00P16	111E9320G17			
				4120T00P19	111E9320G20			
				4120T00P21	111E9320G23			
				4120T00P28	111E9320G29			
				4120T00P29	111E9320G30			
				4120T00P30	111E9320G31			
				4120T00P37	111E9320G38			
				4120T00P38	111E9320G39			
				4120T00P45	111E9320G46			
				4120T00P46	111E9320G47			
				4120T00P51	111E9320G52			
				4120T00P52	111E9320G53			
				4120T00P53	111E9320G54			
				4120T00P54	111E9320G55			
				4120T00P57	111E9320G58			
				4120T00P58	111E9320G59			
4120T00P61	111E9320G62							
4120T00P62	111E9320G63							
73-21-04	105104	-8C1/-8C5/-8E	Fuel Metering Unit	4120T01P02	8061-926	Woodward Inc. (66503)	3	09/01/20



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ATA#	GEK#	ENGINE MODEL CF34	NOMENCLATURE	GE P/N	VIN	VENDOR CAGE CODE	CURRENT REV	DATE
73-21-10	112049	-8E	Full Authority Digital Electronic Control (FADEC)	4120T00P26	111E9320G27	BAE Systems (63760)	8	03/17/20
				4120T00P27	111E9320G28			
				4120T00P31	111E9320G32			
				4120T00P32	111E9320G33			
				4120T00P41	111E9320G42			
				4120T00P42	111E9320G43			
				4120T00P43	111E9320G44			
				4120T00P44	111E9320G45			
				4120T00P47	111E9320G48			
				4120T00P48	111E9320G49			
				4120T00P49	111E9320G50			
				4120T00P50	111E9320G51			
				4120T00P55	111E9320G56			
				4120T00P56	111E9320G57			
				4120T00P59	111E9320G60			
				4120T00P60	111E9320G61			
				73-30-01	112051			
74-11-06	105112	-8C1/-8C5/-8E/ -10E/-10A	Permanent Magnet Alternator	4120T07P01 4120T07P02 4120T08P01	430145 430233 430146	Unison Industries (59501)	3	02/28/15
74-11-12	SEI-823 (Alternate number GEK- 85091)	-3A/-3A1/-3A2/ -3B/-3B1/ -8C1/-8C5/-8E/ -10E/-10A	Ignition Exciter	9238M66P05 9238M66P07 9238M66P08 9238M66P11	10-617980-1 10-631045-1 10-631045-2 10-631045-3	Unison Industries (59501)	13	09/30/19



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ATA#	GEK#	ENGINE MODEL CF34	NOMENCLATURE	GE P/N	VIN	VENDOR	CURRENT	REV	DATE
						CAGE CODE			
74-11-15	SEI-824	-3A/-3A1/ -3B/-3B1/ -8C1	Ignition Exciter	1538M69P01	45570-1	Unison Industries (83311)		2	12/29/95
74-21-01	SEI-831	-3A/-3A1/-3A2/ -3B/-3B1/ -8C1/-8C5/-8E	Ignition Leads	4096T96P01 4096T96P02 4096T96P03 4096T96P04 4096T69P07 4096T96P08 4096T96P09 4096T96P10 4096T96P11	9048120-1 9048120-2 9048120-3 9048120-4 9048120-7 9048120-8 9048120-9 9048120-10 9048120-11	Unison Industries (59501)		3	05/31/14
74-21-36	112643	-8E/-10E/-10A	Igniter Plug	1374M12P01 1374M12P10 1374M12P12	9044035-1 9072215-1 9072215-2	Unison Industries (59501)		6	02/28/14
74-21-39	105115	-8C1/-8C5/-8E	Igniter Plug	4096T33P07	CH31926	Champion Aerospace (0AFL4)		ACMM	07/18/14
74-22-05	117523	-8C1/-8C5/-8E	Igniter Plug	4096T38P15	508593-1	Unison Industries (59501)		Basic	03/31/12
75-22-01	105119	-8C1/-8C5/-8E	Sump Seal Valve	4123T61P01 4123T61P03	421645 421645-2	Meggitt Controls (79318)		2	12/23/13
75-22-02	105120	-8C5/-8E	Sump Seal Shutoff Valve	4157T43P01	421885	Whittaker Controls Inc. (79318)		Basic	05/01/02



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							REV	DATE
75-30-01	105117	-8C1/-8C5/-8E	CVG Master Actuator	4120T02P05 4120T02P07	1211508-005 1211508-007	Arkwin Industries (98391)	6	06/28/19
75-30-03	105118	-8C1/-8C5/-8E	CVG Slave Actuator	4120T03P05	1211509-005	Arkwin Industries (98391)	3	07/08/19
77-11-01	105123	-8C1/-8C5/-8E	N1 Fan Speed Sensor	4120T11P01	949-1-11	Esterline Advanced Sensors (formerly Auxitrol) (F2276)	2	04/01/12
77-21-01	105124	-8C1/-8C5/-8E	Fan Inlet Temperature Transmitter	4119T30P03 4119T30P06 4119T30P07	RP302-03 RP302-04 RP302-05	Esterline Advanced Sensors (formerly Auxitrol) (F2276)	1	06/30/02
77-21-03	105125	-8C1/-8C5/-8E	Thermocouple Assembly	4119T21P02 4119T22P02 4119T31P02 4119T31P03 4119T32P02 4119T32P03 4119T41P01 4119T42P01 4119T61P03 4119T61P04 4119T62P03 4119T62P04	TC321-01 TC322-01 TC371-01 TC490-00 TC372-01 TC491-00 TC533-00 TC532-00 TC481-02 TC493-00 TC477-02 TC492-00	Esterline Advanced Sensors (formerly Auxitrol) (F2276)	5	01/22/19
77-30-15	112052	-8C1/-8C5	Engine Vibration Monitoring Unit	4120T78P01 4120T78P02	241-286-001-011 241-286-005-011	Meggitt SA Switzerland (S3969)	Basic	10/31/03



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77-31-01	105126	-8C1/-8C5/-8E	Vibration Accelerometer	4120T14P02	6222M96	Meggitt Orange County (95411)	Basic	05/31/00
77-31-99	112050	-8E	Vibration Accelerometer	4119T33P03	144-711-000-031	Meggitt SA Switzerland (S3969)	Basic	06/30/04
77-41-02	105128	-8C1/-8C5/-8E/ -10E/-10A	Oil Pressure Transmitter	4120T16P01	APTE-4-1250-130D	Kulite (34345)	Basic	10/20/99
77-41-03	105129	-8C1/-8C5/-8E/ -10E/-10A	Oil Pressure Switch	4120T17P01 4120T17P02	21SN04-422A 21SN04-422B	Eaton Aerospace – Bethel (02750)	3	12/15/08
77-41-05	119232	-8C1/-8C5/-8E/ -10E/-10A	Oil Pressure Transmitter	4120T16P02 4120T16P03	APTE-4A-1250-130D APTE-4C-1250-130D	Kulite (34345)	Basic	02/28/14
78-30-02	112730	-8E	Thrust Reverser		15G0001-11 15G0001-12 15G0001-13 15G0001-14	Aircelle (F3700)	6	05/10/19
78-30-07	112712	-8E	Locking Actuator		7U7941-4 7U7941-5	Woodward (60029) Aircelle (F3700)	4	08/29/18
78-30-08	112710	-8E	Feedback Actuator		7U7942-3 7U7942-4 7U7942-5 7U7942-6	Woodward (60029) Aircelle (F3700)	4	09/05/18
78-30-09	112711	-8E	Manual Drive		7U7943-1	Woodward (60029) Aircelle (F3700)	2	06/28/13
78-30-12	112719	-8E	Direction Control Unit		P529A0001-00	Aircelle (F3700)	4	02/04/19



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						CAGE CODE			
78-30-13	112726	-8E	Isolation Control Unit		P528A0001-01 P528A0001-02 P528A0001-04	Aircelle (F3700)		4	03/29/19
78-30-15	112727	-8E	Cowl Lock		P611A0001-00	Aircelle (F3700)		4	10/03/18
78-30-16	112728	-8E	D-Duct Actuator		P535A0001-01	Aircelle (F3700)		4	10/10/18
78-30-21	117852	-8E	Limit Switch		7941-070	Woodward (60029) Aircelle (F3700)		1	09/16/13
78-30-22	117853	-8E	Flex Tube Assembly		7U7946-1	Woodward (60029) Aircelle (F3700)		1	09/16/13
78-30-23	117854	-8E	Sync Tube Assembly		7U7945	Woodward (60029) Aircelle (F3700)		1	09/16/13
79-12-00	SEI-843	-1A/-3A/-3A1/ -3A2/ -3B/-3B1/ -8C1/-8C5/-8E	Oil Tank Pressurizing Valve	4027T69P06	K2482-10	Parker Hannifin (86329)		2	12/29/95
79-20-66	112718	-8E	Air/Oil Cooler		160668-1	AleniaAermacchi S.P.A. - Honeywell (70210)		2	07/08/15
79-21-01	105134	-8C1/-8C5/-8E	Lube and Scavenge Pump	4119T01P01 4119T01P03 4119T01P05	LR47050D LR47050G LR47050J	Crane Aerospace -Lear Romec (51663)		2	03/18/14



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						CAGE CODE	REV	DATE
79-21-03	105135	-8C1/-8C5/-8E/ -10E	Oil Filter Module	2230M80P02 4119T04P01 4119T04P02	LR47730 LR47170 LR47170A	Crane Aerospace -Lear Romec (51663)	3	06/12/17
79-21-05	105137	-1A/-3A/-3A1/ -3B/-3B1/ -8C1/-8C5/-8E/ -10E/-10A	Electrical Chip Detector	4018T27P04 4029T35P01 5071T99P02 5071T99P03	3307641.02 3307761.02 3009051.02 3009061.02	Allen Aircraft Products (82829)	1	10/15/11
79-21-06	117430	-3A1/-3B/-3B1/ -8C1/-8C5/-8E/ -10E/-10A	Valve Assembly	5079T04P01 5079T04P02 5079T04P03	N/A 2009051.02 2009081.02	Allen Aircraft Products (82829)	ACMM	08/10/14
79-21-07	105136	-8C1/-8C5/-8E	Fuel Oil Heat Exchanger	4119T26P02 4119T36P03	55024001-11 55029001-21	Sumitomo Precision Prod. (SG215)	3	09/03/14
79-31-00	SEI-851	-1A/-3A/-3A1/ -3A2/-3B/-3B1/ -8C1/-8C5/-8E/ -10E/-10A	Oil Filter Bypass Sensor	4060T64P01 4060T64P03 4060T64P04	RD910VL086 RD910VL086Y2 RD910VL086Y4	Pall Aeropower Corp. (18350)	ACMM	11/28/18
79-32-42	105131	-8C1/-8C5/-8E	Oil Level Temperature Sensor	4120T19P02 4120T19P03 4120T19P04	77-167-2 77-167-3 77-167-4	Meggitt Orange County (58880)	5	11/09/16
79-32-45	119193	-8C1/-8C5/-8E	Electronic Dipstick	4121T65P02	79-123-2	Meggitt Orange County (58880)	Basic	09/02/13



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80-11-99	105140	-8C1/8C5/-8E -10E/-10A	Air Turbine Engine Starter	4120T06P01 4120T06P02 4120T06P04 4120T06P05 4120T06P10 4120T06P11	3505953-1 3505953-2 3505953-4 3505953-5 3505953-6 3505953-7	Honeywell (59364)	3	07/11/19
80-12-29	105141	-8C1/-8C5/-8E	Starter Control Valve	4120T05P02 4120T05P03 4120T05P04	3291339-2 3291339-3 3291339-4	Honeywell (59364)	3	01/21/20
80-12-39	105142	-8C1/-8C5/-8E	Operability Bleed Valve	4121T67P02	3291552-2	Honeywell (59364)	Basic	08/31/01
80-12-40	112048		THIS CMM WAS REPLACED BY 80-12-41, GEK 117619					
80-12-41	117619	-8C1/-8C5/-8E	Operability Bleed Fuel Actuated Valve	4123T71P02 4123T71P03 4123T71P04 4123T71P05 4123T71P06	5000728-104 5000728-106 5080046-101 5080046-102 5080046-103	Parker Hannifin (V92003)	6	03/09/20