MAG

TEMPORARY REVISION

Manual: Owner's Manual P/N 6A8WWNM-2-20

(INSTALLATION MANUAL, MAINTENANCE MANUAL AND

ILLUSTRATED PARTS BREAKDOWN)

ISSUE DATE: 23 September 2010

Revision CY: 24 March 2023 **TR-2023-001:** 04 April 2023

INSTRUCTIONS

Before adding present change be sure that manual is valid.
 Check existing List of Effective Page of the manual to be sure that all previous revisions are inserted.
 (Do not insert this change if previous revisions not are inserted).

2. Insert this page before the LOEP.

3. Insert present change removing pages superseded and insert new pages as listed as follows:

Temporary Revision Number/ Data	Appendix/Section	Remove page	Insert page	e Page Revision	
*TR-2023-001 / 04 Apr. 2023	Appendix CE – Section 2	2-19	2-19	CW	
	Appendix CE - Section 2	2-20	2-20	TR-2023-001	
	Appendix CE - Section 2	2-25	2-25	TR-2023-001	
	Appendix CE – Section 2	2-26	2-26	CW	
	Appendix CE – Section 2	2-29	2-29	TR-2023-001	
	Appendix CE – Section 2	2-30	2-30	TR-2023-001	
	Appendix CE – Section 6	6-31 thru 6-34	6-31 thru 6-34	TR-2023-001	

^{*} Shows the last issued Temporary Revision





Appendix CE to 6AB1WNM-2-20

2 - 6 IFEEL RACK AND ELECTRONIC DEVICES INSTALLATION

2-6-1 IFEEL RACK GENERAL DESCRIPTION

CAUTION

Have a second operator to help you install the IFEEL rack assy.

The equipment rack shall be arranged in the storage compartment in order to contain all electronic and electrical devices. It consists of a cross beam (see Figure 2-10) with a lower shelf, placed horizontally, that shall be secured to the helicopter side panels by screws and to the Auxiliary Fuel Tank (if installed). Electronic and electrical devices shall be installed as follows:

- The Inverter shall be installed on the shelf assy.
- A mounting support shall be secured to the shelf assy in order to fix relays, breakers, cable assy connectors and terminal boards.
- The IFEEL computer shall be installed on the shelf assy.

NOTE

The installation instructions listed here below are valid when the Auxiliary Fuel Tank Kit is installed on the helicopter, unless otherwise specified.

Equipment rack assy installation instructions are listed here below.

2-6-2 CROSS BEAM PRE-ASSEMBLY

NOTE

For ground connection of electronic and electrical equipment of the equipment rack refer to AW139-IETP standard practices.

NOTE

During this procedure, you must remove the caps from the electrical connectors. Do this immediately before you connect each electrical connector.

- 1. According to Leonardo Helicopters AW139 Maintenance Publication 39-A-AMP-00-X gain access to the storage compartment by opening the relevant access doors. Refer to data module 39-A-06-41-00-00A-010A-A for the list of all service doors.
- 2. Remove No. 8 screws and relevant washers from the auxiliary fuel tank panel (STA 6176, WL1978).
- 3. Only if the Auxiliary Fuel Tank P/N 3G2800F0011 is not installed, rework the aft structural provision P/N 6AB1ME229-003 according to detail B of Figure 2-10 and install angles (4) according to left and right panel assy with screws (23) and washers (24).

CAUTION

During drilling pay attention not to damage parts/components installed behind the liner. Do not overheat the skin surface.

- 4. Position, secure and ground the left lower support assy (1 of Figure 2-10) to the auxiliary fuel tank or according to the angle (4) with No. 4 screws (2) and relevant washers (3). Use shim (21) between support and angle if the auxiliary fuel tank is not present.
- 5. Position the left upper support assy (5) aligning it to the helicopter holes. Remove existing screws and washers from lateral structure.

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- 6. Secure and ground the left upper support assy (5) to the helicopter with four screw (6) and four washers (7) interposing shim (8).
- 7. Position, secure and ground the right lower support assy (9) to the auxiliary fuel tank or according to the angle (4) with No. 4 screws (10) and relevant washers (11). Use shim (21) between support and angle if the auxiliary fuel tank is not present.
- 8. Position the right upper support assy (12) aligning to helicopter holes. Remove existing screws and washer from lateral structure.
- 9. Secure and ground the right upper support assy (12) to the helicopter with four screw (13) and four washers (14) interposing shim (15).
- 10. Position the shelf assy (16) and the ground plate on the left upper (5) and right upper (12) supports.
- 11. Position the peeling shim (19) between the left upper support and the left lower support. Position angle support assy (20) onto shelf assy (16). Install screws (17) and washers (18).
- 12. Repeat step 11. on the right side.
- 13. Check that the installation has been properly performed. Remove the shelf, the angle supports (20), the screws (17) and the washers (18) in order to install electronic and electrical devices.

NOTE

IFEEL Computer (3) in Figure 2-11 is for reference only. Refer to Section 6 of this Appendix for Illustrated Parts Breakdown.

- 14. Align the computer (3, Figure 2-11) in its correct position according to the four inserts (2) and attach it with the four bolts (4) and the four washers (5) on plate assy (1).
- 15. Do related connections on IFEEL computer (3). Refer to Wiring Diagrams in Section 05.
- 16. Secure the breakers and relay support (30, detail C of Figure 2-10) on the plate (16) with the six screws (31) and the six washers (32).
- 17. Secure the TB assy (33, detail C of Figure 2-10) to the plate (16) with the four screws (34) and the four washers (35).
- 18. A Secure the support assy (39) with related four washers and screws (37, 38) to the plate (16) as shown in detail C.

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- 12. With reference to detail A, ground and install the power supply (29) with the two screws (30) and the two washers (31). Apply related decal (32) next to the power supply.
- 13. Ground and install the modules (55, 56, 57, 58); for configuration code A, ground and install also the module (59). Do as follows:
 - a. Install the terminal board rail (53) with the two screws (54).
 - b. Put the modules on the rail in the positions shown and install the resistor assembly.
 - c. Apply related decals next to the modules.
- 14. Ground and install the three modules (49) with the two screws (50), the four washers (51) and the two nuts (52) on the TB assy. Apply related decals.
- 15. With reference to detail B, fix on pin E5 the terminals of the bonding cable P/N 6STD063-N-7-530 together with the terminals of the A.C. rack cable assy (10) and of the interface power cable assy (9) on the TB assy pin with the washers (61) and the nuts (60). Do the bonding procedure in accordance with the standard practice procedures for electrical bonding.
- 16. Apply E5 related decal.
- 17. Following same procedure as per step 15, with reference to detail B, fix on pin E4 the terminals of the bonding cable P/N 6STD063-N-7-420 together with the terminals of the rack cable assy (6), of the IFEEL power cable assy (8) and of the interface power cable assy (9) on the tb assy pin with the washers (61) and the nuts (60). Do the bonding procedure in accordance with the standard practice procedures for electrical bonding.
- 18. Apply E4 related decal.
- 19. Install E1 and E6 grounding points (refer to detail E) in the positions shown in detail A, do as follows:
 - a. Ground and fix the terminals of the bonding cable P/N 6STD063-N-7-420, of the bonding cable 6STD063-N-9-480 and of the bonding cable M83413/8-F030CX with the screw (46), the washer (47) and the ground washer (48). Apply E1 decal (35).
 - b. Position the terminals of the quick disconnect cable long end P/N M83413/8-F020CX, of the bonding cable 6STD063-N-7-530 and of the rack cable assy on the E6 grounding point (see detail E); for configuration code A position also the terminal of the bonding cable 6STD063-N-4-250 with the screw (46), the washer (47) and the ground washer (48). Apply E6 decal (34).

NOTE

IFEEL Computer (3) in Figure 2-11 is for reference only. Refer to Section 6 of this Appendix for Illustrated Parts Breakdown.

- 20. Perform connections of P10001, P10003 and P10010 connectors on the IFEEL Computer (3) according to wiring diagrams in Section 5. Properly install decal "CMPTR" on the support (30, Figure 2-10).
- 21. A Fix LIMO, FILTER, PWR, AC_OUT, TOUCH_ETH, DVD, ECS, LIGHT, CMPTR, REFR, USB, UTILITY, MON, HD-SDI, HDST breakers (refer to item 29 of Figure 2-10, detail A). Apply relevant decals. Perform relevant connections according to wiring diagrams in Section 5.
- 22. B Following same procedure as per previous step, fix FILTER, PWR, AC_OUT, TOUCH_ETH, ECS, LIGHT, CMPTR, REFR, USB, UTILITY, HDST breakers. Apply relevant decals. Perform relevant connections according to wiring diagrams in Section 5.
- 23. Install the relay X10002 (25, Figure 2-10) and the relay X10005 (36) and apply their respective decals next to each of the two relays on the support (30).

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2-6-4 IFEEL RACK INSTALLATION INSTRUCTIONS

- 1. Install the shelf (16, Figure 2-10) to the left support (5, Figure 2-10) with five screws (17) and washers (18).
- 2. Fix the shelf (16) to the right support (12 of Figure 2-10) with five screws (17) and washers (18).
- 3. A Connect primary cable assy connectors P12002, P10004, P10008 to the IFEEL computer (See wiring diagrams in Section 5).
- 4. B Connect primary cable assy connectors P10004 and P10008 to the IFEEL computer (See wiring diagrams in Section 5).
- 5. Connect primary cable assy connectors P10872, P10873, P2ETH, P3ETH to the Ethernet switch (See wiring diagrams in Section 5).
- 6. Connect primary cable assy connectors P10015 and P10018 to J10015 and J10018 (refer to detail A of Figure 2-10) See wiring diagrams in Section 5).
- 7. Connect A.C cabin cable assy connector P17101 and J17101 (refer to detail A of Figure 2-10) See wiring diagrams in Section 5).



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1	Plate assy	26	"6STD051-A10016" decal
2	Insert	37	
3	IFEEL computer	٥.	Screw
4	Screw		Washer
5	Washer		Decal
6	Coax rack cable assy	41	
7	ETH cable assy		Bonding cable
8	IFEEL power cable assy		Bonding cable
9	Interface power cable assy		Bonding cable
	A.C: rack cable assy		Bonding cable
1	-		Screw
1:	2 Screw		Washer
1	3 Washer	48	
1	RS485/A429 converter (RX-TX)	49	
1	5 Screw	50	Screw
1	6 Washer	51	Washer
1	7 Ethernet switch	52	Nut
1	3 Screw	53	Terminal module rail
1	9 Washer	54	Screw
2) "6STD051-P11035" decal	55	Module
2	1 "6STD051-A10002" decal	56	Module
2	2 "6STD051-A10001" decal	57	Module
2	3 "6STD051-P11034" decal	58	Module
2	4 Quick disconnect grounding	59	Module
2	5 Screw	60	Nut
2	6 Washer	61	Washer
2	7 "6STD051-E3" decal	62	E5 decal
2	3 "6STD051-A10009" decal	63	E4 decal
2	Power supply	64	Splitter CVBS
3) Screw	65	Screw
3	1 Washer	66	Washer
3	2 "6STD051-A10007" decal	67	Rack cable assy
3	3 "6STD051-E2" decal	68	Access point dual band
3	1 "6STD051-E6" decal		Washer
3	5 "6STD051-E1" decal	70	Screw

Figure 2-11 Electronic and electrical devices installation/removal (Sheet 3 of 3).

2-6-5 REQUIREMENTS AFTER JOB COMPLETION

- 1. Remove all the tools and the other items from the work area. Make sure that the work area is clean.
- 2. Perform IFEEL system functional check as described in paragraph Para. 4 5.

2-6-6 WEIGHT AND BALANCE

After the installation of IFEEL Entertainment configuration P/N 6AB1AD016-001, new Helicopter Empty Weight and Center of Gravity (C.G.) must be determined according to DM 39-A-08-31-00-00A-028A-A "Weighing" of Leonardo Helicopters AW139 IETP.

2 - 6 - 6 - 1 IFEEL Computer substitution

In case of substitution of IFEEL Computer (P/N reported in Table 2-3.), new Helicopter Empty Weight and Center of Gravity (C.G.) must be updated with Weight and Balance Data reported in Table 2-3. Refer to instructions reported in Section 6 of Leonardo Helicopters AW139 RFM.

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for IFEEL ENTERTAINMENT SYSTEM INSTALLATION P/N 6AB1AD016-001



Table 2-3. IFEEL Computer Weight and Balance data

P/N	Description	Weight [Kg]	STA [mm]	BL [mm]	WL [mm]
6IFHST021-311	IFEEL Computer	9,10	6369	-340	2192
6IFHST021-323	IFEEL Computer	9,10	6369	-340	2192
6IFHST022-323	IFEEL Computer	8,64	6369	-340	2192



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FIGURE AND INDEX NUMBER	PART NUMBER	MFR CODE	DESCRIPTION 1234567	UNIT PER ASSY	USABLE ON CODE
6-10 0	6AB1ME428-423	A3729	CROSS BEAM MODIFICATION	REF	A
6-10 0	6AB1ME428-425	A3729	(For NHA see Figure 6-1) CROSS BEAM MODIFICATION (For NHA see Figure 6-1)	REF	В
-1	6AB1EL307-031	A3729	CROSS BEAM ASSY EQUIPPED	1	A
-1	6AB1EL322-031	A3729	CROSS BEAM ASSY EQUIPPED	1	B
2	6AB1EL309-031	A3729	• • RACK CABLE ASSY	1	A
2	6AB1EL324-031	A3729	• • RACK CABLE ASSY	1	B
3	6AB1EL274-057	A3729	• • ETH C/A	1	
-4	-		NOT ASSIGNED		
5	6AB1ME514-237	A3729	• • CROSS BEAM ASSY	1	A
5	6AB1ME514-031	A3729	(For IPB see Figure 6-11) • • CROSS BEAM ASSY	1	В
			(For IPB see Figure 6-12)		
6	6IFHST021-311	A3729	• • IFEEL COMPUTER	1	Α
6	6IFHST021-323	A3729	• • IFEEL COMPUTER (See NOTE 1)	1	В
6A	6IFHST022-323	A3729	• • IFEEL COMPUTER (See NOTE 1)	1	В
7	LN65022-0306		• • SCREW	8	
8	NAS1149D0363J	80205	• • WASHER	1	
9	LN9025-0310L	80205	• • WASHER	8	
10	MS21042L04	80205	• • NUT	4	
11	MS21042L06	80205	• • NUT	14	
12	6STD063-N-7-420	80205	• • BONDING CABLE	1	
13	MS21042L3	80205	• • NUT	3	
14	MS26574-1	80205	• • BREAKER	3	A
14	MS26574-1	80205	• • BREAKER	1	В
15	MS26574-10	80205	• • BREAKER	2	Α
15A	MS26574-10	80205	• • BREAKER	1	В
16	MS26574-20	80205	• • BREAKER	1	
17	MS26574-3	80205	• • BREAKER	3	
18	MS26574-2	80205	• • BREAKER	3	
19	MS27039-0805	80205	• • SCREW	2	
20	MS35206-216	80205	• • SCREW	4	
21	MS35206-229	80205	• • SCREW	12	
22	MS21042L5	80205	• • NUT	2	
23	6STD051-R10001CC	A3729	• • DECAL	1	
24	MS35207-263	80205	• • SCREW	2	
25	MS51957-26	80205	• • SCREW	15	Α
25	MS51957-26	80205	• • SCREW	10	В
26	NAS1149D0316J	80205	• • WASHER	6	
27	AN4-3A	80205	• • BOLT	4	
28	NAS1149D0432J	80205	• • WASHER	6	
29	NAS1149D0563J	80205	• • WASHER, FLAT	4	
30	6STD051-A10009	A3729	• • DECAL	1	
31	NAS1149DN832K	80205	• • WASHER	2	

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UNIT **USABLE ON FIGURE** MFR AND INDEX **PART** CODE **DESCRIPTION PER** CODE NUMBER NUMBER 1234567 **ASSY** 32 NAS620A4L 80205 WASHER 8 20 33 NAS620A6L WASHER 34 6STD063-N-9-480 A3729 BONDING CABLE 1 35 M83413/8-F020CX • • QUICK DISCONNECT CABLE 1 LONG END 36 6NV-ESP-001-01-01 A3729 SUPPORT 15 37 6NV-ESP-001-01-03 A3729 SUPPORT 13 Α 37 6NV-ESP-001-01-03 A3729 SUPPORT 11 В 3 38 6NV-ESP-001-01-02 A3729 SUPPORT 39 1 001755-203-02 MODULE Α 39 1 6STD191-203 A3729 TERMINAL BOARD В 3 40 001758-202-02 MODULE Α 40 6STD192-202 A3729 • • MODULE 3 В 41 6NV-EEQ-038-001 A3729 • • ELIMINATOR FILTER 1 42 6MEQ-2350A002 RS485/A429 CONVERTER (RX-TX) 1 A3729 43 6NV-EEQ-025-001 A3729 POWER SUPPLY 1 44 6AB1EL274-051 A3729 • • IFEEL POWER C/A 1 45 6AB1EL274-055 A3729 INTERFACE POWER C/A 1 46 6STD051-A10008 A3729 • • DECAL 1 6STD051-A10002 47 A3729 • • DECAL 1 48 6STD051-AC OUT A3729 1 DECAL 49 6STD051-CMPTR A3729 DECAL 1 50 6STD051-E6 A3729 DECAL 1 51 6STD051-DVD A3729 DECAL 1 Α 52 6STD051-A10001 1 A3729 DECAL 53 6STD051-E2 A3729 • • DECAL 1 54 6STD051-E4 A3729 DECAL 1 55 6STD051-J17101 A3729 • • DECAL 1 56 6STD051-J10015 A3729 DECAL 1 57 6STD051-J10018 A3729 • • DECAL 1 58 6STD051-X10002 A3729 • • DECAL 1 59 M83413/8-F015BX QUICK DISCONNECT CABLE 1 Α LONG END 59 M83413/8-F009BX QUICK DISCONNECT CABLE 1 В LONG END 60 M83413/8-E00BX QUICK DISCONNECT CABLE 3 SHORT END 61 NAS620A10L • • WASHER 2 62 DECAL 6STD051-LIGHT A3729 1 63 6STD051-PWR A3729 • • DECAL 1 • • DECAL 64 6STD051-TB10001 A3729 1 65 6STD051-TB10002 A3729 DECAL 1 66 6STD051-TB10006 A3729 DECAL 1 67 A3729 1 6STD051-TB10004 DECAL 68 6STD051-FILTER A3729 DECAL 1 69 6STD051-TOUCH ETH A3729 DECAL 1 -70 6AB1EL274-053 1 A3729 A.C. RACK C/A 71 6NV-EEQ-016-005 A3729 SWITCH ETHERNET 1



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1	FIGURE AND INDEX NUMBER	PART NUMBER	MFR CODE	DESCRIPTION 1234567		UNIT PER ASSY	USABLE ON CODE
74 6STD051-CB10013 A3729 • BREAKER 1 75 SSS0 • INVERTER 1 76 6NV-EMI-002-01-HS A3729 • STRAP AR 77 6NV-EMI-002-04-HS A3729 • STRAP AR 78 6NV-EC-088-001 A3729 • SPLITTER CVBS 1 Δ 80 6STD051-USB A3729 • DECAL 1 Δ 80 6STD051-CB10001 A3729 • DECAL 1 Δ 81 MS35206-230 A3729 • DECAL 1 Δ 82 6STD051-CB10000 A3729 • DECAL 1 Δ 83 6STD051-CB10001 A3729 • DECAL 1 Δ 86 6STD051-CB10000 A3729 • DECAL 1 Δ 87 6STD051-CB10000 A3729 • DECAL 1 Δ 88 6STD051-CB10010 A3729 • DECAL 1 Δ 90 6STD051-CB10010 A3729							
75 SS50	73	6STD051-E5	A3729	• • DECAL		1	
76 6NV-EMI-002-01-HS A3729 - STRAP AR AR A772 A3729 - STRAP AR AR A772 A3729 - STRAP AR AR A7729 - STRAP AR A7729 - STRAP AR A7729 - STRAP A7	74	6STD051-CB10013	A3729	• • BREAKER		1	
AR AR AR AR AR AR AR AR	75	SS50		• • INVERTER		1	
78 6NV-EEQ-088-001 A3729 - SPLITTER CVBS 1 I 79 6STD051-USB A3729 - DECAL 1 80 6STD051-CB10001 A3729 - DECAL 1 81 MS35206-230 A3729 - DECAL 1 82 6STD051-CB10001 A3729 - DECAL 1 84 6STD051-CB10003 A3729 - DECAL 1 85 6STD051-CB10004 A3729 - DECAL 1 86 6STD051-CB100002 A3729 - DECAL 1 87 6STD051-CB10000 A3729 - DECAL 1 88 6STD051-CB10000 A3729 - DECAL 1 89 6STD051-CB10000 A3729 - DECAL 1 90 6STD051-CB10001 A3729 - DECAL 1 91 6STD051-CB10012 A3729 - DECAL 1 92 6STD051-CB10012 A3729 - DECAL 1 94 6STD051-CB10005 A37	76	6NV-EMI-002-01-HS	A3729	• • STRAP		AR	
79	77	6NV-EMI-002-04-HS	A3729	• • STRAP		AR	
79 6STD051-USB A3729 DECAL 1	78	6NV-EEQ-088-001	A3729	• • SPLITTER CVBS		1	A
81	79	6STD051-USB	A3729	• • DECAL		1	
82 6STD051-CB10001	80	6STD051-E3	A3729	• • DECAL		1	
82 6STD051-CB10001	81	MS35206-230		• • SCREW, MACHINE		6	
84 6STD051-CB10003 A3729 DECAL 1	82	6STD051-CB10001	A3729	· ·		1	
85 6STD051-CB10004 A3729	83	6STD051-CB10009	A3729	• • DECAL		1	
86 6STD051-CB10002 A3729 DECAL 1 87 6STD051-CB10006 A3729 DECAL 1 88 6STD051-AB10007 A3729 DECAL 1 99 6STD051-CB10010 A3729 DECAL 1 90 6STD051-CB10011 A3729 DECAL 1 91 6STD051-CB10012 A3729 DECAL 1 92 6STD051-CB10012 A3729 DECAL 1 93 6STD051-CB10012 A3729 DECAL 1 94 6STD051-CB10012 A3729 DECAL 1 95 MS27039-4-08 DECAL 1 A 96 AN970-4 SCREW, MACHINE 2 DECAL 1 A 97 6STD051-CB10005 SCREW, MACHINE 1 A DECAL 1 A 101 6STD051-REFR A3729 DECAL 1 A DECAL 1 A 101 6STD051-REFR A3729	84	6STD051-CB10003	A3729	• • DECAL		1	
ST	85	6STD051-CB10004	A3729	• • DECAL		1	
SECOND S	86	6STD051-CB10002	A3729	• • DECAL		1	
Section	87	6STD051-CB10006	A3729	• • DECAL		1	
90 6STD051-CB10010	88	6STD051-TB10008	A3729	• • DECAL		1	
91 6STD051-CB10011	89	6STD051-A10007	A3729	• • DECAL		1	
92 6STD051-CB10012 A3729 93 6STD051-E1 A3729 94 6STD051-ECS A3729 95 MS27039-4-08 96 AN970-4 97 6STD051-CB10005 98 NAS1801-3-7 99 NAS1149DN632J 100 6STD051-REFR A3729 103 MS35207-260 103 MS35207-260 104 6STD051-TB10005 105 NAS1149D0332J 106 O01755-204-02 107 6STD191-207 108 MS35206-242 109 6STD051-CB10007 101 6STD051-CB10007 102 6NV-EMI-O10-002 103 MS35206-242 104 GSTD051-TB10005 105 NAS1149D0332J 106 GSTD191-207 107 GSTD191-207 108 MS35206-242 109 6STD051-CB10014 100 GSTD051-CB10014 100 GSTD051-CB10014 101 GSTD051-MON 101 GSTD051-CB10014 101 GSTD051-CB10014 102 GNV-EMI-O10-002 103 MS35206-242 109 GSTD051-CB10014 105 AN3149D0332J 106 GSTD051-CB10014 107 GSTD051-CB10014 108 MS35206-242 109 GSTD051-CB10014 109 GSTD051-MON 100 A3729 100 GSTD051-MON 100 A3729 100 DECAL 100 A3729 100 A3729 100 GSTD051-CB10014 100 A3729	90	6STD051-CB10010	A3729	• • DECAL		1	
93 6STD051-E1	91	6STD051-CB10011	A3729	• • DECAL		1	
93 6STD051-E1	92	6STD051-CB10012	A3729	• • DECAL		1	Α
95 MS27039-4-08 AN970-4 96 AN970-4 97 6STD051-CB10005 98 NAS1801-3-7 99 NAS1149DN632J 100 M83413/8-F030CX 101 6STD051-REFR 102 6NV-EMI-010-002 A3729 103 MS35207-260 104 6STD051-TB10005 105 NAS1149D0332J 105 NAS1149D0332J 106 001755-204-02 107 6STD191-204 108 MS35206-242 109 6STD051-CB10007 108 MS35206-242 109 6STD051-CB10007 100 6STD051-CB10007 101 6STD051-CB10007 102 A3729 103 MS35206-242 104 GSTD051-CB10007 105 NAS1149D0332J 106 GSTD051-CB10007 107 001755-207-02 108 MS35206-242 109 6STD051-CB10007 108 MS35206-242 109 6STD051-CB10007 100 6STD051-CB10007 100 6STD051-CB10007 100 6STD051-MON 100 DECAL 100 100 DECAL 100 CSTD051-CB10007 100 CSTD051-CB10007 100 CSTD051-CB10007 100 CSTD051-MON 100 DECAL 100 CSTD051-MON 100 DECAL 100 CSTD051-MON 100 CSTCD051-MON 10 CSTCD	93		A3729	• • DECAL		1	
96 AN970-4 97 6STD051-CB10005 98 NAS1801-3-7 99 NAS1149DN632J 100 M83413/8-F030CX 101 6STD051-REFR 102 6NV-EMI-010-002 103 MS35207-260 104 6STD051-TB10005 105 NAS1149D0332J 106 O01755-204-02 107 6STD191-204 108 MS35207-260 107 6STD191-207 108 MS35206-242 109 6STD051-CB10007 108 MS35206-CB10014 109 6STD051-CB10007 100 6STD051-CB100014 100 6STD051-CB100014 100 6STD051-MON 100 FOR ANS HEX HEAD 101 FOR ANS HEX HEAD 101 FOR ANS HEX HEX HEAD 101 FOR ANS HEX HEAD 101 FOR ANS HEX HEX HEAD 101 FOR ANS HEX HEX HEAD 101 FOR ANS HEX HEX HEAD 103 FOR ANS HEX HEX HEAD 104 FOR ANS HEX HEX HEAD 105 FOR ANS HEX HEX HEAD 107 FOR ANS HEX HEX HEAD 108 FOR ANS HEX HEX HEAD 108 FOR ANS HEX HEX HEAD 108 FOR ANS HEX HEX HEAD 109 FOR ANS HEX HEX HEAD 100 FOR ANS HEX HEX HEAD 1	94	6STD051-ECS	A3729	• • DECAL		1	
96 AN970-4 97 6STD051-CB10005 98 NAS1801-3-7 99 NAS1149DN632J 100 M83413/8-F030CX 101 6STD051-REFR 102 6NV-EMI-010-002 103 MS35207-260 104 6STD051-TB10005 105 NAS1149D0332J 106 001755-204-02 107 6STD191-204 108 MS35207-260 107 6STD191-207 108 MS35206-242 109 6STD051-CB10007 108 MS35206-CB10014 109 6STD051-CB10007 100 6STD051-CB100014 100 6STD051-CB10014 100 6STD051-	95	MS27039-4-08		• • SCREW, MACHINE		2	
97 6STD051-CB10005 98 NAS1801-3-7 99 NAS1149DN632J 100 M83413/8-F030CX 101 6STD051-REFR 102 6NV-EMI-010-002 103 MS35207-260 104 6STD051-TB10005 105 NAS1149D0332J 106 001755-204-02 107 6STD191-207 108 MS35206-242 109 6STD051-CB10007 100 6STD051-CB10007 101 6STD051-CB10007 102 6NV-EMI-010-002 103 MS35207-260 104 6STD051-TB10005 105 NAS1149D0332J 106 6STD191-204 107 001755-207-02 108 MS35206-242 109 6STD051-CB10007 100 6STD051-MON 100 FECAL 100	96	AN970-4		· ·		2	
98 NAS1801-3-7 99 NAS1149DN632J 100 M83413/8-F030CX 101 6STD051-REFR 102 6NV-EMI-010-002 A3729 103 MS35207-260 104 6STD051-TB10005 105 NAS1149D0332J 106 001755-204-02 107 6STD191-204 108 MS35206-242 109 6STD051-CB10007 100 M83413/8-F030CX • SCREW, MACHINE 1 LONG END • DECAL • BUS BAR • BUS BAR • SCREW, MACHINE • MODULE • MODULE • TERMINAL BOARD • TERMINAL BOARD • SCREW • SCREW • TERMINAL BOARD • SCREW • SCREW • DECAL • WASHER, FLAT • MODULE • TERMINAL BOARD • TERMINAL BOARD • SCREW • SCREW • DECAL • DECAL • DECAL • MODULE • TERMINAL BOARD • TERMINAL BOARD • SCREW • SCREW • DECAL • TERMINAL BOARD • TERMINAL BOARD • DECAL • TERMINAL BOARD • DECAL • TERMINAL BOARD • TERMINAL BOARD • SCREW • SCREW • DECAL • TERMINAL BOARD • TER	97	6STD051-CB10005		· ·		1	Α
99 NAS1149DN632J 100 M83413/8-F030CX 101 6STD051-REFR 102 6NV-EMI-010-002 103 MS35207-260 104 6STD051-TB10005 105 NAS1149D0332J 106 6STD191-204 107 6STD191-204 108 MS35206-242 109 6STD051-CB10014 100 M83413/8-F030CX 101 6STD051-REFR 102 A3729 103 MS35207-260 104 6STD051-REFR 105 NAS1149D0332J 106 6STD191-204 107 6STD191-204 108 MS35206-242 109 6STD051-CB10007 100 6STD051-CB10007 100 6STD051-CB10014 100 6STD051-MON 100 FCAL 100 FC	98	NAS1801-3-7		• • SCREW, HEX HEAD		3	_
100 M83413/8-F030CX	99	NAS1149DN632J		· ·		12	
102 6NV-EMI-010-002 A3729	100	M83413/8-F030CX		• • QUICK DISCONNECT	CABLE	1	
102 6NV-EMI-010-002 A3729	101	6STD051-REFR	A3729	• • DECAL		1	
103 MS35207-260 • • SCREW, MACHINE 1 A 104 6STD051-TB10005 • • DECAL 1 B 105 NAS1149D0332J • • WASHER, FLAT 14 A 106 001755-204-02 • • MODULE 1 A 107 001755-207-02 • • MODULE 1 B 107 6STD191-207 A3729 • • TERMINAL BOARD 1 B 108 MS35206-242 • • SCREW 2 109 6STD051-CB10007 A3729 • • DECAL 1 110 6STD051-CB10014 A3729 • DECAL 1 111 6STD051-MON A3729 • DECAL 1	102	6NV-EMI-010-002	A3729	• • BUS BAR		1	Α
103A MS35207-260 • • SCREW, MACHINE 5 B 104 6STD051-TB10005 • • DECAL 1 105 NAS1149D0332J • • WASHER, FLAT 14 A 106 001755-204-02 • • MODULE 1 A 107 001755-207-02 • • TERMINAL BOARD 1 B 107 6STD191-207 A3729 • • TERMINAL BOARD 1 B 108 MS35206-242 • • SCREW 2 A 109 6STD051-CB10007 A3729 • • DECAL 1 A 110 6STD051-CB10014 A3729 • • DECAL 1 A 111 6STD051-MON A3729 • • DECAL 1 A	102	6NV-EMI-010-002	A3729	• • BUS BAR		2	В
104 6STD051-TB10005 • • DECAL 1 105 NAS1149D0332J • • WASHER, FLAT 14 A 106 001755-204-02 • • WASHER, FLAT 4 B 106 6STD191-204 A3729 • • TERMINAL BOARD 1 B 107 001755-207-02 • • MODULE 2 A 107 6STD191-207 A3729 • • TERMINAL BOARD 1 B 108 MS35206-242 • • SCREW 2 109 6STD051-CB10007 A3729 • • DECAL 1 110 6STD051-CB10014 A3729 • • DECAL 1 A 111 6STD051-MON A3729 • • DECAL 1 A	103	MS35207-260		• • SCREW, MACHINE		1	Α
105 NAS1149D0332J • • WASHER, FLAT 14 A 105A NAS1149D0332J • • WASHER, FLAT 4 B 106 001755-204-02 • • MODULE 1 A 107 001755-207-02 • • MODULE 2 A 107 6STD191-207 A3729 • • TERMINAL BOARD 1 B 108 MS35206-242 • • SCREW 2 109 6STD051-CB10007 A3729 • • DECAL 1 110 6STD051-CB10014 A3729 • • DECAL 1 A 111 6STD051-MON A3729 • • DECAL 1 A	103A	MS35207-260		• • SCREW, MACHINE		5	В
105A NAS1149D0332J • WASHER, FLAT 4 B 106 001755-204-02 • MODULE 1 A 106 6STD191-204 A3729 • TERMINAL BOARD 1 B 107 001755-207-02 • MODULE 2 A 108 MS35206-242 • SCREW 2 109 6STD051-CB10007 A3729 • DECAL 1 110 6STD051-CB10014 A3729 • DECAL 1 111 6STD051-MON A3729 • DECAL 1	104	6STD051-TB10005		• • DECAL		1	
106 001755-204-02	105	NAS1149D0332J		• • WASHER, FLAT		14	Α
106 6STD191-204 A3729	105A	NAS1149D0332J		• • WASHER, FLAT		4	В
107 001755-207-02	106	001755-204-02		• • MODULE		1	Α
107 6STD191-207 A3729 • • TERMINAL BOARD 1 B 108 MS35206-242 • • SCREW 2 109 6STD051-CB10007 A3729 • • DECAL 1 110 6STD051-CB10014 A3729 • • DECAL 1 111 6STD051-MON A3729 • • DECAL 1	106	6STD191-204	A3729	• • TERMINAL BOARD		1	В
108 MS35206-242	107	001755-207-02		• • MODULE		2	Α
109 6STD051-CB10007 A3729 • • DECAL 1 110 6STD051-CB10014 A3729 • • DECAL 1 111 6STD051-MON A3729 • • DECAL 1	107	6STD191-207	A3729	• • TERMINAL BOARD		1	В
110 6STD051-CB10014 A3729 • DECAL 1 A 111 6STD051-MON A3729 • DECAL 1 A	108	MS35206-242		• • SCREW		2	
111 6STD051-MON A3729 • • DECAL 1 A	109	6STD051-CB10007	A3729	• • DECAL		1	
	110	6STD051-CB10014	A3729	• • DECAL		1	Α
112 6STD051-X10005 A3729 • • DECAL 1	111	6STD051-MON	A3729	• • DECAL		1	Α
	112	6STD051-X10005	A3729	• • DECAL		1	

Owner's Manual for IFEEL ENTERTAINMENT SYSTEM INSTALLATION P/N 6AB1AD016-001



FIGURE AND INDEX NUMBER	PART NUMBER	MFR CODE	DESCRIPTION 1234567	UNIT PER ASSY	USABLE ON CODE
113	6STD051-TB10007	A3729	• • DECAL	1	
114	6STD051-CB10015	A3729	• • DECAL	1	A
115	6STD051-R10003LS	A3729	• • DECAL	1	Α
116	6STD051-R10004AN	A3729	• • DECAL	1	
-117	6STD063-N-4-250	A3729	• • BONDING CABLE	1	Α
118	MS26574-15		• • CIRCUIT BREAKER	1	
119	001755-208-02		• • MODULE	1	Α
119	6STD191-208	A3729	• • TERMINAL BOARD	1	В
120	M500-D4N-003		• • RELAY	1	
-121	6STD051-CB10008	A3729	• • DECAL	1	
-122	6STD051-HDST	A3729	• • DECAL	1	
-123	6STD051-J10099	A3729	• • DECAL	1	A
124	6STD051-J13015	A3729	• • DECAL	1	
125	6STD051-LIMO	A3729	• • DECAL	1	A
-126	6STD051-R10002EF	A3729	• • DECAL	1	A
-127	6STD051-R10005AA	A3729	• • DECAL	1	A
-128	6STD051-TB10009	A3729	• • DECAL	1	A
-129	6STD051-UTILITY	A3729	• • DECAL	1	
-130	6STD063-N-7-530	A3729	• • BONDING CABLE	1	
131	MS26574-7-1/2		• • CIRCUIT BREAKER	1	A
131A	MS26574-7-1/2		• • CIRCUIT BRAKER	1	В
132	MS35207-262		• • SCREW	8	A
133	001751-105-00		• • RAIL TERMINAL MODULE	1	A
133	6STD190-104-00	A3729	• • RAIL, TERMINAL MODULE	1	В
-134	MS35207-261		• • SCREW	4	
-135	6AB1EL309-039	A3729	• • COAX IFEEL J2A C/A	1	A
-136	6AB1EL309-041	A3729	• • COAX IFEEL J2B C/A	1	A
137	6AB1EL309-043	A3729	• • COAX RACK C/A	1	A
138	6NV-EEQ-082-001	A3729	• • HD-SDI SPLITTER	1	A
139	6NV-EMI-010-003	A3729	• • BUS BAR	2	A
139	6NV-EMI-010-001	A3729	• • BUS BAR	1	В
-140	6STD051-A10010	A3729	• • DECAL	1	A
-141	6STD051-A10016	A3729	• • DECAL	1	
-142	6STD051-A10019	A3729	• • DECAL	1	A
-143	6STD051-HD-SDI	A3729	• • DECAL	1	A
-144	6STD051-J10012	A3729	• • DECAL	1	A
-145	6STD051-R10006CR	A3729	• • DECAL	1	Α
-146	6STD051-R10007DE	A3729	• • DECAL	1	Α
-147	6STD051-R10008TT	A3729	• • DECAL	1	Α
148	MS26574-5	80205	• • CIRCUIT BREACKER	1	Α
149	MS35206-229	80205	• • SCREW	12	
150	6STD051-LIGHT	A3729	• • DECAL	1	
-151	6NV-EMI-002-05-HS	A3729	• • STRAP	AR	

■ NOTE 1: P/N 6IFHST022-323 supersedes P/N 6IFHST021-323 for future spares and manufacturing.