Commercial Airplanes

737 Service Bulletin

Number:	**737-24-1205**
Original Issue:	March 25, 2014
Revision 2:	July 22, 2015
ATA System:	2400

SUBJECT: ELECTRICAL POWER - Standby Power System - Replacement of the M9 Static Inverter Terminal Lugs

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Revision Transmittal Sheet

SUBJECT: ELECTRICAL POWER - Standby Power System - Replacement of the M9 Static Inverter Terminal Lugs

This revision includes all pages of the service bulletin.

COMPLIANCE INFORMATION RELATED TO THIS REVISION

Effects of this Revision on airplanes on which Original Issue, Revision 1 was previously done:

None.

REASON FOR REVISION

This revision is sent to correct the part number of the nut and washer that attach the positive terminal lug to the M9 static inverter. In addition, a footnote for an option to use existing nut and washer is removed from FIGURE 1 step table. This revision also corrects group effectivity by moving Group 2 airplanes to Group 1 since both group airplanes have the same configuration.

These sections were changed:

1. In Summary:
    a. Action, changed the text.
    b. Compliance, changed a statement.
    c. Manpower, changed the table.
    d. Material Information, changed the statement.
2. In Paragraph 1.A.1., Airplanes, put together Group 1 and Group 2 effectivity and changed the statement.
3. In Paragraph 1.C., Reason, added revision statement.
4. In Paragraph 1.D., Description, changed the text and added revision statement.
5. In Paragraph 1.E., Compliance, changed a statement.
6. In Paragraph 1.G., Manpower, changed the text.
7. In Paragraph 1.K.1., Publications, reference to the Aircraft Maintenance Manual (AMM) and Illustrated Parts Catalog (IPC) have been removed from the table.

8. In Paragraph 1.K.2., Damage Tolerance Based Structural Inspections, changed the text.

9. In Paragraph 2.C.2., Parts and Materials Supplied by the Operator, replaced a nut and washer with new part numbers.

10. In Figure 1, changed the title, table and removed a footnote.

Vertical lines are put on the left edge of each page, except in Paragraph 1.A., Effectivity and format changes, to show the location of all content changes.

Pages with no vertical lines have no changes.

REVISION HISTORY

Original Issue:	March 25, 2014
Revision 1:	November 04, 2014
Revision 2:	July 22, 2015

Number: **737-24-1205**
Original Issue: March 25, 2014
Revision 2: July 22, 2015
ATA System: 2400

Summary

SUBJECT: ELECTRICAL POWER - Standby Power System - Replacement of the M9 Static Inverter Terminal Lugs

CONCURRENT REQUIREMENTS

Refer to Paragraph 1.B., Concurrent Requirements.

BACKGROUND

This service bulletin provides instructions to replace the terminal lugs at the M9 static inverter. The new terminal lug is stronger with a high strength material, which reduces the effects of vibration on the terminal lugs. If this service bulletin is not accomplished, the existing M9 static inverter terminal lugs could crack due to vibration encountered during the operation and lead to a failure of the M9 static inverter to function correctly.

Boeing received reports from operators that 737NG airplanes that have the existing M9 static inverter terminal lugs were found to be cracked.

This table is provided to operators for planning purposes only. Refer to the applicable sections for more information.

Planning Data	Affected	Reference
Spares Affected	No	Paragraph 1.A.2., Spares Affected
AD Related	No	Paragraph 1.E., Compliance
Weight and Balance Change	No	Paragraph 1.H., Weight and Balance Changes
Electrical Load Changed	No	Paragraph 1.I., Electrical Load Data
Publications Affected	Yes	Paragraph 1.K., Publications Affected
Airplane Flight Operations Affected (Flight Crew Operations Manual and/or FAA Approved Airplane Flight Manual)	No	Paragraph 1.K., Publications Affected
Kits/Parts Required	No	Paragraph 2.C.1., Kits/Parts
Operator Supplied Material	Yes	Paragraph 2.C.2., Parts and Materials Supplied by the Operator
Special Tooling Required	No	Paragraph 2.F., Special Tooling Necessary to do this Service Bulletin

ACTION

Get access to the main equipment center. At the E2-2 electronics shelf, replace the terminal lugs at the M9 static inverter. Do a test.

EFFECTIVITY

737-600,-700,-700C,-800,-900,-900ER Airplane(s). Refer to Paragraph 1.A.1., Airplanes, for the list of affected airplane(s).

COMPLIANCE

No compliance time is given.

Boeing recommends this service bulletin be done to introduce improvements.

INDUSTRY SUPPORT INFORMATION

Boeing warranty remedies are available for 737 airplanes in warranty as of October 28, 2013. Please refer to Paragraph 2.B., Industry Support Information. The warranty remedies will expire eight years from the original release date of this service letter bulletin.

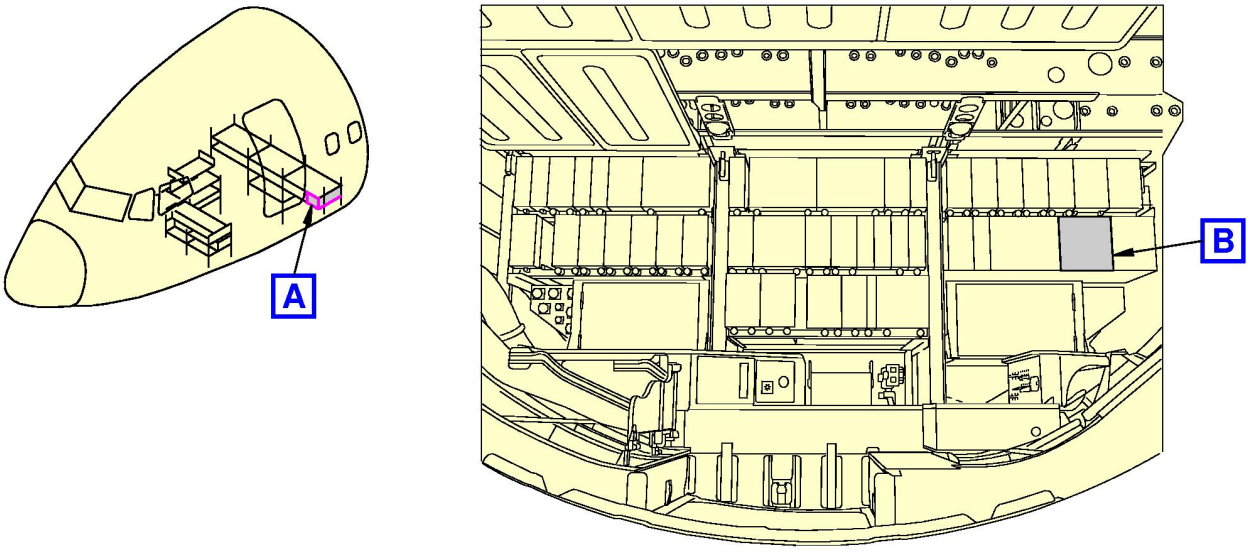
MANPOWER

Airplanes	Total Task Hours	Elapsed Hours
Group 1	1.75	1.75

MATERIAL INFORMATION

Operator Supplied Parts/Materials.

Refer to Paragraph 2.A., Material - Price and Availability.



MAIN EQUIPMENT CENTER

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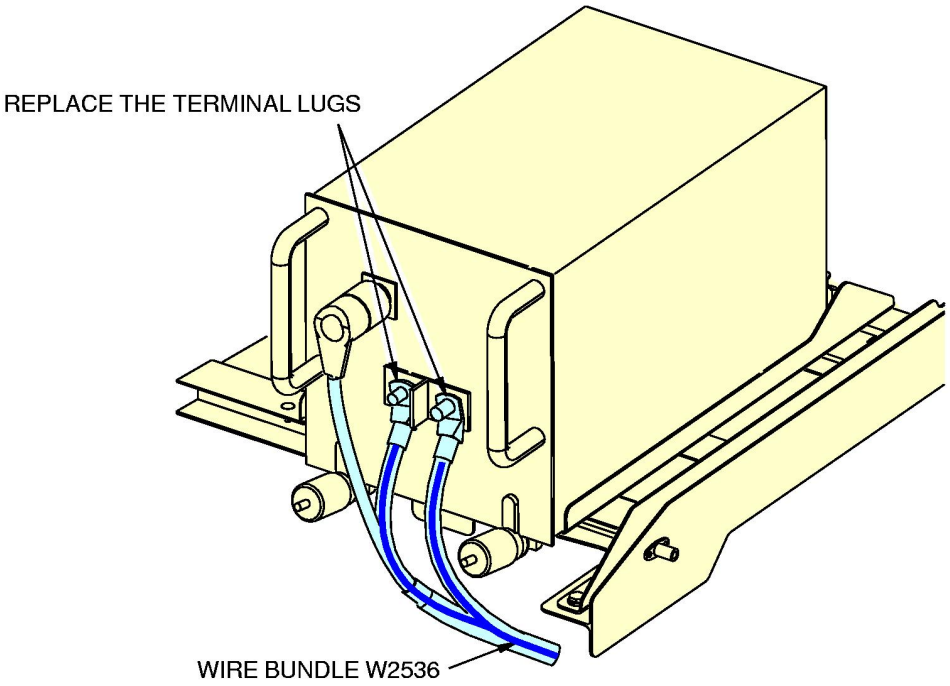

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SUBJECT: ELECTRICAL POWER - Standby Power System - Replacement of the M9 Static Inverter Terminal Lugs

1. PLANNING INFORMATION

A. Effectivity

1. Airplanes

Refer to Service Bulletin Index D6-19567 Part 3 for Airplane Variable Number, Line Number, and Serial Number data.

This service bulletin is applicable to 737-600/-700/-700C/-800/-900/-900ER Airplanes, line numbers 1-2598, 2600-2721, 2723-2813, 2815-2930, 2932-3068, 3070-3323, 3325-3425, 3427-3511 in 1 Group. The Variable Numbers and Group Information for the applicable airplanes is given below.

GROUP	CONFIGURATION	DESCRIPTION
1	-	Airplanes with less durable static inverter lugs.

Airplane Models:

737-600, 737-700, 737-700C, 737-800, 737-900, 737-900ER

Variable Number	Group
YA001 - YA099	1
YA101 - YA199	1
YA201 - YA211	1
YA221	1
YA231 - YA242	1
YA251 - YA256	1
YA271 - YA272	1
YA291	1
YA301 - YA302	1

Variable Number	Group
YA311 - YA314	1
YA321 - YA323	1
YA336 - YA345	1
YA351	1
YA356 - YA357	1
YA366 - YA367	1
YA371 - YA377	1
YA501 - YA536	1
YA541 - YA552	1
YA571 - YA578	1
YA601 - YA615	1
YA621 - YA622	1
YA626 - YA631	1
YA635 - YA636	1
YA641 - YA642	1
YA645 - YA650	1
YA656 - YA659	1
YA666 - YA667	1
YA671 - YA672	1
YA681 - YA691	1
YA701 - YA710	1
YA721 - YA722	1
YA731 - YA734	1
YA751 - YA756	1
YA801 - YA803	1
YA809	1
YA811 - YA814	1
YA831 - YA835	1
YA841 - YA862	1
YA881 - YA882	1
YA891 - YA892	1
YA961 - YA978	1
YB001 - YB006	1

Variable Number	Group
YB101 - YB132	1
YB151 - YB153	1
YB156 - YB158	1
YB161 - YB164	1
YB171 - YB172	1
YB181 - YB184	1
YB201 - YB208	1
YB271	1
YB276	1
YB301 - YB310	1
YB371 - YB392	1
YB501 - YB502	1
YB521 - YB526	1
YB541 - YB544	1
YB551	1
YB561 - YB598	1
YB601 - YB635	1
YB651	1
YB656	1
YB671 - YB672	1
YB851 - YB863	1
YB871 - YB874	1
YB881 - YB893	1
YB901 - YB903	1
YB911	1
YB961 - YB974	1
YB986 - YB996	1
YC001 - YC030	1
YC051 - YC084	1
YC091 - YC095	1
YC101 - YC104	1
YC111 - YC113	1
YC121	1

Variable Number	Group
YC126 - YC127	1
YC136 - YC141	1
YC146 - YC147	1
YC151 - YC156	1
YC166 - YC171	1
YC176 - YC179	1
YC186 - YC190	1
YC201 - YC203	1
YC206 - YC207	1
YC301 - YC305	1
YC321 - YC387	1
YC391 - YC394	1
YC396	1
YC401 - YC417	1
YC421 - YC422	1
YC426 - YC428	1
YC436 - YC439	1
YC441 - YC448	1
YC451 - YC455	1
YC459	1
YC461 - YC467	1
YC471 - YC499	1
YC501 - YC526	1
YC571 - YC583	1
YC587 - YC589	1
YC591 - YC593	1
YC601 - YC655	1
YC681 - YC696	1
YC701 - YC715	1
YC720 - YC725	1
YC727 - YC752	1
YC761 - YC770	1
YC781 - YC793	1

Variable Number	Group
YC801 - YC892	1
YC901 - YC907	1
YC921 - YC922	1
YC931 - YC932	1
YC941 - YC951	1
YC971 - YC978	1
YC981 - YC983	1
YD001 - YD007	1
YD021 - YD025	1
YD041 - YD057	1
YD081 - YD084	1
YD101 - YD113	1
YD121 - YD126	1
YD151 - YD159	1
YD171 - YD172	1
YD201 - YD203	1
YD206 - YD209	1
YD216 - YD219	1
YD251 - YD254	1
YD256 - YD257	1
YD261	1
YD301 - YD334	1
YD391	1
YD401 - YD410	1
YD412 - YD417	1
YD481 - YD485	1
YD491 - YD499	1
YD501 - YD512	1
YD531 - YD535	1
YD541 - YD547	1
YD561 - YD564	1
YD571 - YD572	1
YD591 - YD595	1

Variable Number	Group
YD601 - YD612	1
YD651 - YD655	1
YE001 - YE020	1
YE051	1
YE101 - YE109	1
YE151 - YE157	1
YE171 - YE172	1
YE201 - YE206	1
YE301 - YE305	1
YE321 - YE326	1
YE371 - YE383	1
YF001 - YF011	1
YF021 - YF049	1
YF051 - YF065	1
YF086	1
YF106 - YF107	1
YF111 - YF114	1
YF116 - YF119	1
YF121 - YF128	1
YF176 - YF178	1
YF191 - YF192	1
YF201 - YF276	1
YF401 - YF402	1
YF431 - YF432	1
YF441 - YF442	1
YF451 - YF460	1
YF501 - YF596	1
YF701 - YF707	1
YF801 - YF803	1
YF831 - YF832	1
YF836 - YF838	1
YF901 - YF905	1
YF921 - YF927	1

Variable Number	Group
YF951	1
YG001 - YG044	1
YG061 - YG064	1
YG066 - YG089	1
YG091 - YG099	1
YG101 - YG103	1
YG111 - YG114	1
YG116 - YG128	1
YG201 - YG205	1
YG211 - YG214	1
YG221 - YG224	1
YG251 - YG252	1
YG501 - YG511	1
YG601 - YG602	1
YG701	1
YG711	1
YH001 - YH012	1
YH031 - YH055	1
YH071 - YH077	1
YH101 - YH132	1
YH201 - YH202	1
YH206 - YH207	1
YH301 - YH306	1
YH321 - YH322	1
YJ001 - YJ013	1
YJ021	1
YJ471 - YJ480	1
YJ501 - YJ517	1
YJ531 - YJ579	1
YJ591 - YJ599	1
YJ631 - YJ632	1
YJ671 - YJ694	1
YJ801 - YJ867	1

Variable Number	Group
YJ871 - YJ880	1
YJ901 - YJ904	1
YJ908 - YJ929	1
YJ931 - YJ937	1
YJ941 - YJ956	1
YJ961	1
YJ976 - YJ977	1
YK001 - YK007	1
YK101 - YK104	1
YK111 - YK112	1
YK121 - YK122	1
YK131 - YK133	1
YK136 - YK139	1
YK141 - YK142	1
YK146 - YK148	1
YK151 - YK154	1
YK161 - YK167	1
YK171	1
YK176 - YK177	1
YK186	1
YK191	1
YK196	1
YK201 - YK202	1
YK301 - YK314	1
YK321 - YK340	1
YK361 - YK378	1
YK401 - YK406	1
YK426 - YK427	1
YK431 - YK450	1
YK456 - YK467	1
YK471 - YK473	1
YK476	1
YK480 - YK487	1

Variable Number	Group
YK491	1
YK495 - YK498	1
YK511 - YK516	1
YK521 - YK530	1
YK551 - YK571	1
YK576 - YK577	1
YK580 - YK585	1
YK601 - YK602	1
YK606 - YK607	1
YK611 - YK616	1
YK621 - YK634	1
YK641 - YK644	1
YK651 - YK665	1
YK671 - YK672	1
YK676 - YK677	1
YK681 - YK686	1
YK691	1
YK701 - YK713	1
YK716 - YK719	1
YK721 - YK741	1
YK751 - YK770	1
YK776 - YK778	1
YK781 - YK785	1
YK791 - YK792	1
YK796 - YK797	1
YK801 - YK899	1
YK901 - YK912	1
YK918 - YK919	1
YK921 - YK928	1
YK941 - YK959	1
YK961 - YK996	1
YL001 - YL005	1
YL011 - YL016	1

Variable Number	Group
YL021 - YL024	1
YL051 - YL052	1
YL056 - YL057	1
YL061	1
YL066 - YL069	1
YL076 - YL077	1
YL101 - YL135	1
YL201 - YL225	1
YL271 - YL272	1
YL281 - YL284	1
YL301 - YL303	1
YL311 - YL314	1
YL316 - YL321	1
YL351 - YL353	1
YL371 - YL374	1
YL401	1
YL421 - YL429	1
YL431 - YL444	1
YL461 - YL478	1
YL501 - YL509	1
YL531 - YL534	1
YL541 - YL544	1
YL561 - YL568	1
YL591 - YL598	1
YL601 - YL606	1
YL611 - YL612	1
YL616 - YL617	1
YL621	1
YL626	1
YL631 - YL634	1
YL636 - YL637	1
YL661 - YL664	1
YL676 - YL681	1

Variable Number	Group
YL691	1
YL696 - YL697	1
YL701 - YL706	1
YL731	1
YL751 - YL752	1
YL756 - YL757	1
YL761 - YL779	1
YL796	1
YL801 - YL815	1
YL901 - YL910	1
YL921 - YL940	1
YL951 - YL968	1
YM101 - YM103	1
YM201 - YM242	1
YM251 - YM299	1
YM301 - YM398	1
YM471	1
YM481 - YM484	1
YM501 - YM515	1
YM521 - YM522	1
YM541	1
YM551 - YM553	1
YM571 - YM572	1
YM581 - YM582	1
YM591 - YM599	1
YM631 - YM634	1
YM641 - YM652	1
YM671 - YM674	1
YM691 - YM698	1
YM701 - YM710	1
YM761 - YM765	1
YN001 - YN016	1
YN021 - YN024	1

Variable Number	Group
YN061	1
YN071 - YN082	1
YN091 - YN092	1
YN101 - YN112	1
YN121	1
YN201 - YN202	1
YN211 - YN219	1
YN231 - YN236	1
YN261	1
YN501	1
YQ001 - YQ003	1
YQ011 - YQ017	1
YQ026 - YQ027	1
YQ036 - YQ042	1
YQ201	1
YQ231	1
YQ241	1
YQ291 - YQ295	1
YQ401 - YQ403	1
YR001 - YR004	1
YR051 - YR053	1
YR101	1
YR111 - YR112	1
YR166	1
YR201 - YR202	1
YR231 - YR232	1

2. Spares Affected

None.

B. Concurrent Requirements

None.

C. Reason

This service bulletin provides instructions to replace the terminal lugs at the M9 static inverter. The new terminal lug is stronger with a high strength material, which reduces the effects of vibration on the terminal lugs. If this service bulletin is not accomplished, the existing M9 static inverter terminal lugs could crack due to vibration encountered during the operation and lead to a failure of the M9 static inverter to function correctly.

Boeing received reports from operators that 737NG airplanes that have the existing M9 static inverter terminal lugs were found to be cracked.

Revision 1 is sent to inform operators that the new group 2 airplanes were added. The graphic of FIGURE 1 was changed to clarify the correct lugs to be installed at the M9 static inverter.

Revision 2 is sent to correct the part number of the nut and washer that attach the positive terminal lug to the M9 static inverter. In addition, a footnote for an option to use existing nut and washer is removed from FIGURE 1 step table. This revision also corrects group effectivity by moving Group 2 airplanes to Group 1 since both group airplanes have the same configuration.

D. Description

Get access to the main equipment center. At the E2-2 electronics shelf, replace the terminal lugs at the M9 static inverter. Do a test.

Effects of this Revision on airplanes on which Original Issue, Revision 1 was previously done:

None.

The work in this service bulletin is done in the maintenance zone(s) given below.

Affected Maintenance Zones	
Model	**Zone**
737-600, 737-700, 737-700C, 737-800, 737-900, 737-900ER	117

E. Compliance

No compliance time is given.

Boeing recommends this service bulletin be done to introduce improvements.

F. Approval

This service bulletin was examined by the Federal Aviation Administration (FAA). The changes specified in this service bulletin comply with the applicable regulations and are FAA approved, as well as European Aviation Safety Agency (EASA)/Joint Aviation Authorities (JAA) approved for all EASA/JAA approved airplanes listed in the service bulletin effectivity. This service bulletin and its approval were based on the airplane in its original Boeing delivery configuration or as modified by other approved Boeing changes.

If an airplane has a non-Boeing modification or repair that affects a component or system also affected by this service bulletin, the operator is responsible for obtaining appropriate regulatory agency approval before incorporating this service bulletin.

G. Manpower

The table below shows an estimate of the task hours necessary to do this change for each airplane. This estimate is for direct labor only, done by an experienced crew. Adjust the estimate with operator task hour data if necessary. The estimate does not include lost time. These are some examples of lost time:

- Time to adjust to the workplace
- Time to schedule the work
- Time to inspect the work
- Time to cure the materials
- Time to make the parts
- Time to find the tools.

Task	Number Of Persons	Task-Hours	Elapsed Time (Hours)
Open Access	1	0.50	0.50
Figure 1	1	0.25	0.25
Test	1	0.50	0.50
Close access	1	0.50	0.50
TOTAL FOR EACH AIRPLANE		1.75	1.75

H. Weight and Balance Changes

None.

I. Electrical Load Data

Not changed.

J. References

1. Existing Data:

   a. Service Bulletin Index D6-19567

   b. Standard Wiring Practices Manual (SWPM) 20-10-11, 20-10-12, 20-10-19, 20-30-00, 20-30-11

   c. 737-600/700/800/900 Aircraft Maintenance Manual (AMM) 24-22-00, 24-34-21

   d. 737-600/700/800/900 Wiring Diagram Manual (WDM) 24-34-11

2. Data Supplied with this Service Bulletin:

   None.

3. Installation Drawings Used in the Preparation of this Service Bulletin:

None.

K. Publications Affected

1. Publications:

Publication	Chapter-Section
737 Wiring Diagram Manual	24-34

2. Damage Tolerance Based Structural Inspections:

Boeing has evaluated the repairs and/or changes in this service bulletin for effects on Fatigue Critical Structure (FCS) and for changes to Damage Tolerance Inspections (DTI) required in the Maintenance Program. This service bulletin does not affect FCS, therefore DTIs are not necessary.

L. Interchangeability and Intermixability of Parts

Accomplishment of this service bulletin does not affect interchangeability or intermixability of parts.

M. Software Accomplishment Summary

Not affected.

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2. MATERIAL INFORMATION

A. Material - Price and Availability

The operator can supply the parts and materials shown in Paragraph 2.C., Parts Necessary for Each Airplane. As an alternative, operators can purchase the parts from Boeing Spares. This service bulletin does not show the Boeing price and supply data.

B. Industry Support Information

Boeing warranty remedies are available for 737 airplanes in warranty as of October 28, 2013. For task hour and material reimbursement for airplanes in warranty as of that date, send a warranty claim to Boeing Fleet Support Contracts - Warranty. The warranty remedies will expire eight years from the original issue date of this service bulletin.

C. Parts Necessary for Each Airplane

1. Kits/Parts

   None.

2. Parts and Materials Supplied by the Operator

   The following parts or materials are necessary to do the change in this service bulletin. Parts and materials in the manuals given in Paragraph 1.J., References, can also be necessary. Examine operator part and material supply to make sure all necessary parts and materials are available.

Part Number/ Specification	Qty	Name	Notes
BACN10JC4CD	1	NUT	(a) (b)
BACN10JC5CD	1	NUT	(a) (b)
BACT12M8-3	1	TERMINAL LUG	(b)
BACT12M8-4	1	TERMINAL LUG	(b)
NAS1149F0416P	1	WASHER	(a) (b)
NAS1149F0516P	1	WASHER	(a) (b)
(a) Refer to 737 Structural Repair Manual Chapter 51 for alternative fasteners.			
(b) Refer to the Qualified Products List at the end of the Boeing Material Specification (BMS) for supplier data.			

3. Parts Modified and Reidentified

   None.

4. Parts Removed and Not Replaced

   None.

D. Parts Necessary to Change Spares

None.

E. Special Tooling - Price and Availability

None.

F. Special Tooling Necessary to do this Service Bulletin

No special tools or equipment are necessary to do the change in this service bulletin. But, maintenance and overhaul tools in the manuals given in Paragraph 1.J., References, can be necessary. Examine operator tool supply to make sure all necessary tools are available.

3. ACCOMPLISHMENT INSTRUCTIONS

A. GENERAL INFORMATION

CAUTION: KEEP THE WORK AREA, WIRES AND ELECTRICAL BUNDLES CLEAN OF METAL PARTICLES OR CONTAMINATION WHEN YOU USE TOOLS. UNWANTED MATERIAL, METAL PARTICLES OR CONTAMINATION CAUGHT IN WIRE BUNDLES CAN CAUSE DAMAGE TO THE BUNDLES. DAMAGED WIRE BUNDLES CAN CAUSE SPARKS OR OTHER ELECTRICAL DAMAGE.

NOTE:

1. Manual titles are referred to by acronyms. Refer to Paragraph 1.J., References, for definition of the acronyms.

2. Obey all of the warnings and cautions given in the specified manual sections.

3. Unless shown differently, these dimensions and tolerances are used:

   – Linear dimensions are in inches
   – Tolerance on linear dimensions, other than rivet and bolt edge margins, is plus or minus 0.03 inch
   – Tolerance on rivet and bolt edge margin is plus or minus 0.05 inch
   – Angular tolerance is plus or minus 2 degrees
   – Hole dimensions for standard solid rivets and fasteners are in Structural Repair Manual (SRM) Chapter 51
   – Torque limits to tighten nuts and bolts are in SRM Chapter 51

4. Use the approved fastener and process material substitutions in accordance with SRM Chapter 51.

5. Refer to the SWPM 20-10-11 and SWPM 20-10-12 for the wire installation procedures, and SWPM 20-10-19 for the wire separation requirements, as accepted procedures.

6. The necessary conditions for selection of clamp type and size are included in SWPM 20-10-12. If any wire bundle support clamp specified in this service bulletin does not make a correct fit on the wire bundle, refer to SWPM 20-10-12 as an accepted procedure to select a clamp that fits correctly.

7. If the length of any fastener specified in this service bulletin does not meet installation standards given in SRM Chapter 51, then a fastener of the same specification, or an approved substitute, with a length which meets the installation standards given in SRM Chapter 51 may be used. In addition, washers may be installed for fastener grip length in accordance with SRM Chapter 51.

8. These work instructions refer to procedures included in other Boeing documents. When the words "refer to" are used and the operator has an accepted alternative procedure, the accepted alternative procedure can be used. When the words "in accordance with" are included in the instruction, the procedure in the Boeing document must be used.

9. The instructions in Paragraph 3.B., Work Instructions and the figures can include operation of tools or test equipment. Boeing Engineering Tool Drawings, the Illustrated Tool and Equipment Manual, and the Special Tool and Ground Handling Drawing Index contain data on versions of the tools or test equipment that you can use. It is permitted to use replaced tools. It is not permitted to use superseded tools.

10. If it is necessary to remove more parts for access, you can remove those parts. If you can get access without removing identified parts, it is not necessary to remove all of the identified parts. Jacking and shoring limitations must be observed.

11. Where the work instructions include installation of a kept part, a new or serviceable part with the same part number can be installed as an alternative to the kept part. The removed part can be discarded if a new or serviceable part is installed.

12. This service bulletin includes functional test procedures for the systems changed by this service bulletin. More functional tests can possibly be necessary in accordance with standard maintenance practices because of interruption to other airplane systems.

B. WORK INSTRUCTIONS

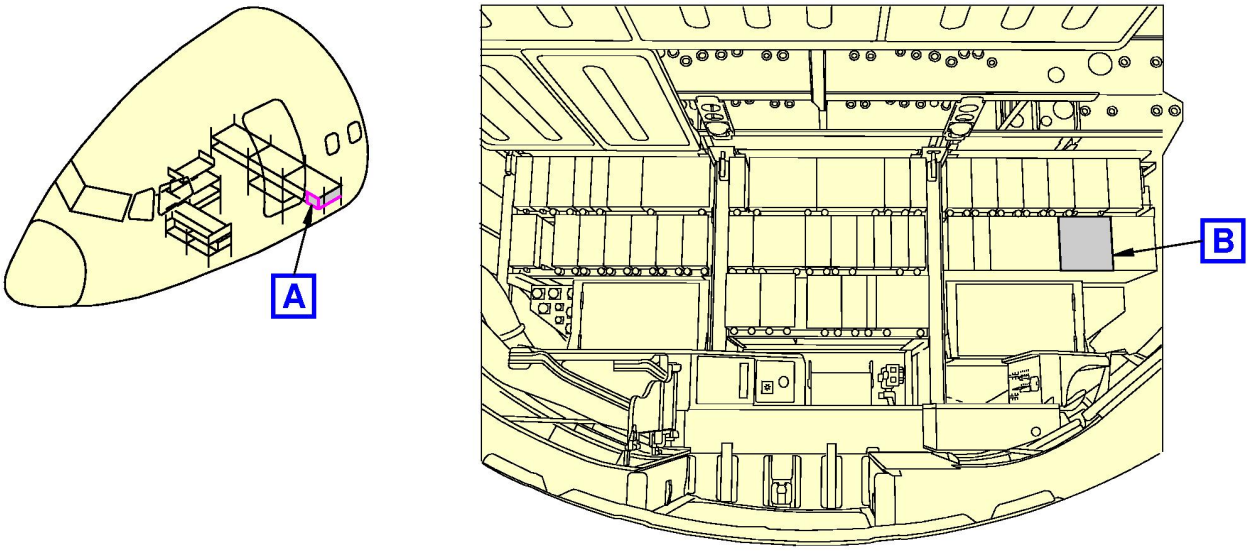
1. Remove electrical power from the airplane. Refer to 737-600/700/800/900 AMM 24-22-00 as an accepted procedure.

2. Replace the terminal lugs at M9 static inverter, in accordance with FIGURE 1.

3. Restore the electrical power to the airplane. Refer to 737-600/700/800/900 AMM 24-22-00 as an accepted procedure.

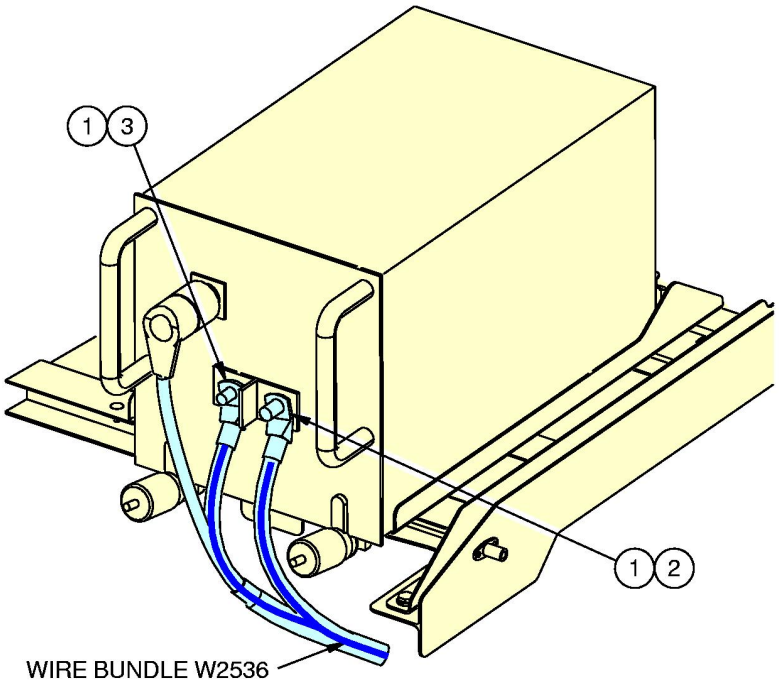
4. Do the M9 static inverter installation test. Refer to 737-600/700/800/900 AMM 24-34-21 as an accepted procedure.

5. Put the airplane back to a serviceable condition.



MAIN EQUIPMENT CENTER

A



TYPICAL

B

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for one airplane.

FIGURE 1: MAIN EQUIPMENT CENTER - M9 STATIC INVERTER UNIT - TERMINAL LUG REPLACEMENT (SHEET 1 OF 2)

Step	Task	Name	Identification	Qty	More Data
1	Remove	NUT	-	2	Remove the terminal block cover, if installed.
	Remove	WASHER	-	4	
	Remove	TERMINAL LUG	-	2	(a)
2	Install (New)	TERMINAL LUG	BACT12M8-3	1	(b) (c) (e)
	Install (New)	WASHER	NAS1149F0416P	1	(b)
	Install (New)	NUT	BACN10JC4CD	1	(b) (d)
3	Install (New)	TERMINAL LUG	BACT12M8-4	1	(b) (c) (f)
	Install (New)	WASHER	NAS1149F0516P	1	(b)
	Install (New)	NUT	BACN10JC5CD	1	Install the terminal block cover, if removed. (b) (d)

(a) Cut the wires as close to the end of the terminal lugs as possible.

(b) This part is operator supplied.

(c) Refer to SWPM 20-30-11 as an accepted procedure.

(d) Refer to SWPM 20-30-00 as an accepted procedure.

(e) The terminal lug BACT12M8-3 for the wire W2536-0513-08. Refer to 737-600/700/800/900 WDM 24-34-11 as an accepted procedure.

(f) The terminal lug BACT12M8-4 for the wire W2536-0506-08. Refer to 737-600/700/800/900 WDM 24-34-11 as an accepted procedure.

FIGURE 1: MAIN EQUIPMENT CENTER - M9 STATIC INVERTER UNIT - TERMINAL LUG REPLACEMENT (SHEET 2 OF 2)