

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

51403698-100

SBHM Motherboard Assembly

CONTROLLED ENGINEERING COPY

Document every installed board and harness position, isolate all cabinet supplies and inspect connectors before rebuilding the SBHM assembly and running the chassis self-test.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	51403698-100
Manufacturer part	51403698-100
Hardware type	SBHM motherboard
System family	Honeywell control-system cabinet hardware



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



51403698-100

01 PRE-INSTALLATION PLAN

- 1

Verify the complete 51403698-100 marking and its assigned Honeywell control-system cabinet hardware position before work.
- 2

Isolate the energy associated with SBHM chassis before disconnecting 51403698-100.
- 3

Protect the 51403698-100 connectors and electronic assembly using approved ESD controls.
- 4

Record the as-found Installed daughter boards connections and configured assignment before replacement.
- 5

Confirm Cabinet power harness matches the approved installation record for 51403698-100.

MATCHED HARDWARE

- SBHM chassis
- Installed daughter boards
- Cabinet power harness
- Backplane connectors

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	51403698-100 / 51403698-100 recorded
Physical interface	SBHM chassis
Companion check	Installed daughter boards
Functional proof	Provides the SBHM internal backplane connections
Application test	SBHM chassis restoration

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Assembly type	SBHM motherboard
Form	Motherboard assembly

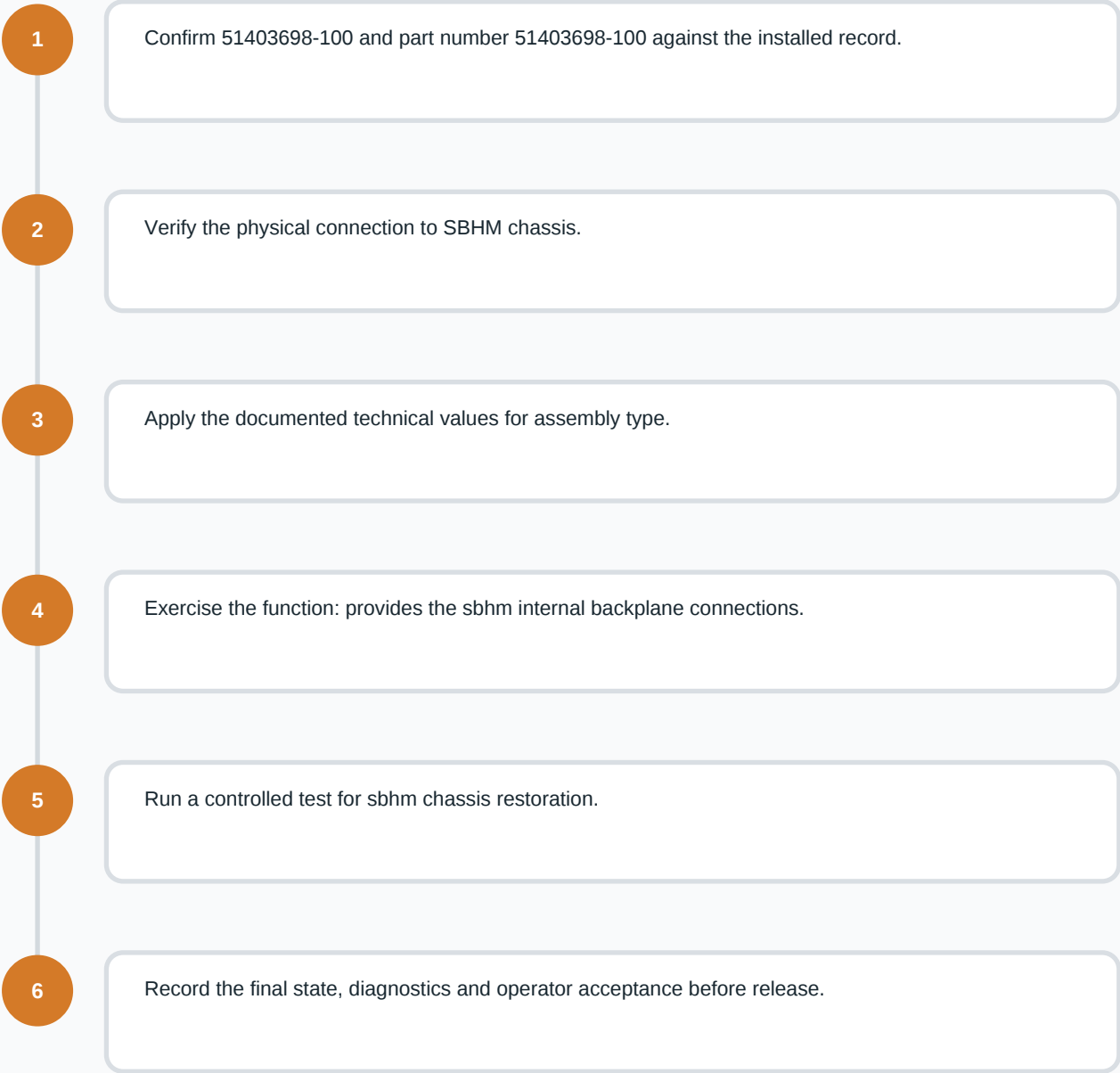
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	SBHM chassis
Companion hardware	Installed daughter boards
Field connection	Cabinet power harness
Primary system function	Provides the SBHM internal backplane connections
Controlled acceptance duty	SBHM chassis restoration

FIELD NOTE

Document every installed board and harness position, isolate all cabinet supplies and inspect connectors before rebuilding the SBHM assembly and running the chassis self-test.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	51403698-100 / 51403698-100 recorded
Physical interface	SBHM chassis
Companion check	Installed daughter boards
Functional proof	Provides the SBHM internal backplane connections
Application test	SBHM chassis restoration

04 RETURN-TO-SERVICE RECORD

☐

Restore 51403698-100 under controlled conditions and review its model-specific diagnostics.

☐

Complete a documented functional test for sbhm chassis restoration before release.

☐

Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN

DATE

CABINET / POSITION

FINAL DIAGNOSTIC STATE

FUNCTIONAL ACCEPTANCE CHECKLIST

☐

Confirm 51403698-100 remains assigned to the documented Honeywell control-system cabinet hardware position.

☐

Verify the connection to SBHM chassis and Installed daughter boards.

☐

Exercise the intended function: provides the sbhm internal backplane connections.

☐

Retain the diagnostic and functional-test result for sbhm chassis restoration.

SOURCE IDENTIFIERS

Honeywell System HINTS September 2022

SBHM MOTHERBOARD ASSY

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