

IC697MEM717

Series 90-70 256 KB CMOS expansion memory

CONTROLLED ENGINEERING COPY

Remove power, verify the host battery and discharge controls, protect daughterboard contacts from ESD, and restore the approved memory allocation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697MEM717
Manufacturer part	IC697MEM717
Hardware type	256 KB
System family	GE Fanuc Series 90-70 memory



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete IC697MEM717 marking and its assigned GE Fanuc Series 90-70 memory position before work.
- 2

Place the connected cpu logic-memory expansion process in the approved maintenance state.
- 3

Isolate applicable power and battery-retained controller program and data memory field energy before disconnecting conductors.
- 4

Record connector, conductor, address, firmware and software identities before removal.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- IC697CPU771 or IC697CPU772
- IC697PCM711 where applicable
- host-module battery
- approved controller memory configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC697MEM717 / IC697MEM717 recorded
Physical interface	IC697CPU771 or IC697CPU772
Companion check	IC697PCM711 where applicable
Functional proof	Adds 256 KB of CMOS memory
Application test	CPU logic-memory expansion

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Memory capacity	256 KB
Memory technology	Battery-backed CMOS RAM
Compatible CPUs	IC697CPU771; IC697CPU772
Compatible coprocessor	IC697PCM711
Installation	Daughterboard on host module
Additional rack slots	0
Retention source	Battery on host module
Error checking	CPU checksum routine

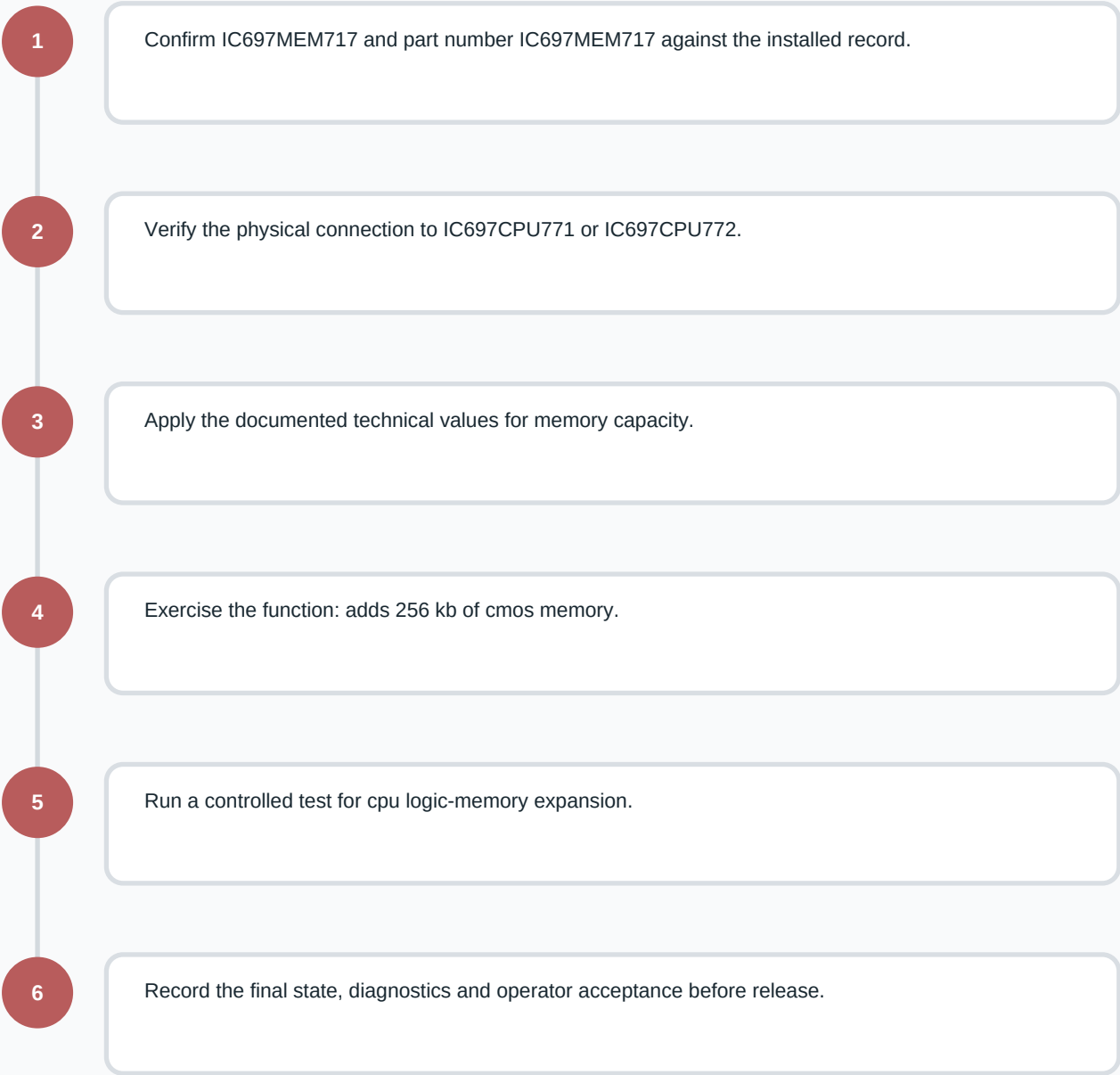
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	IC697CPU771 or IC697CPU772
Companion hardware	IC697PCM711 where applicable
Field connection	host-module battery
Primary system function	Adds 256 KB of CMOS memory
Controlled acceptance duty	CPU logic-memory expansion

FIELD NOTE

Remove power, verify the host battery and discharge controls, protect daughterboard contacts from ESD, and restore the approved memory allocation.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC697MEM717 / IC697MEM717 recorded
Physical interface	IC697CPU771 or IC697CPU772
Companion check	IC697PCM711 where applicable
Functional proof	Adds 256 KB of CMOS memory
Application test	CPU logic-memory expansion

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed IC697CPU771 or IC697CPU772 and IC697PCM711 where applicable against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended data-table capacity increase function and retain the final test result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	IC697MEM717
INSTALLED POSITION	Documented GE Fanuc Series 90-70 memory position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
GE 750-P5-G5-HI-A1-R-E	Related industrial automation product	View GE 750-P5-G5-HI-A1-R-E page
Allen-Bradley 1794-OE4XT	Related industrial automation product	View Allen-Bradley 1794-OE4XT page
Siemens 6SL3120-2TE21-8AD0	Related industrial automation product	View Siemens 6SL3120-2TE21-8AD0 page
Siemens 6SE7041-8EK85-0LA0	Related industrial automation product	View Siemens 6SE7041-8EK85-0LA0 page
Siemens 6SE7035-1EJ84-1JC2	Related industrial automation product	View Siemens 6SE7035-1EJ84-1JC2 page
ABB DSQC332	Related industrial automation product	View ABB DSQC332 page
Allen-Bradley 1794-IE4XOE2	Related industrial automation product	View Allen-Bradley 1794-IE4XOE2 page
Siemens 6SE7090-0XX84-1CE0	Related industrial automation product	View Siemens 6SE7090-0XX84-1CE0 page

SOURCE IDENTIFIERS

GE Fanuc Series 90-70 memory expansion data sheet

IC697MEM717 module data

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