

## 81007-465-51-R

### PowerFlex 7000 service assembly

CONTROLLED ENGINEERING COPY

Verify the complete 81007-465-51-R marking, hardware revision, installed drive position, keyed connectors and approved PowerFlex 7000 project before removal; after installation, restore only the recorded configuration and complete the drive diagnostic sequence.

| INSTALLATION IDENTITY | REQUIRED VALUE                                    |
|-----------------------|---------------------------------------------------|
| Complete model        | 81007-465-51-R                                    |
| Manufacturer part     | 81007-465-51-R                                    |
| Hardware type         | 81007-465-51-R                                    |
| System family         | Allen-Bradley PowerFlex 7000 medium-voltage drive |
| HS code               | 8537101190                                        |



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# 01 PRE-INSTALLATION PLAN

- 1

Verify the complete 81007-465-51-R marking and its assigned Allen-Bradley PowerFlex 7000 medium-voltage drive position before work.
- 2

Place the connected powerflex 7000 maintenance service process in the approved maintenance state.
- 3

Isolate applicable power and documented powerflex 7000 control-platform service function 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

- PowerFlex 7000 medium-voltage drive
- documented drive control platform
- matching keyed connectors
- approved drive project and firmware record

## INSTALLATION CONTROL RECORD

| CONTROL ITEM       | REQUIRED RECORD                                 |
|--------------------|-------------------------------------------------|
| Identity           | 81007-465-51-R / 81007-465-51-R recorded        |
| Physical interface | PowerFlex 7000 medium-voltage drive             |
| Companion check    | documented drive control platform               |
| Functional proof   | Uses the complete manufacturer catalog identity |
| Application test   | PowerFlex 7000 maintenance service              |

## 02 WIRING & INTERFACE CHECKS

| CHECK ITEM     | REQUIRED VALUE |
|----------------|----------------|
| Catalog number | 81007-465-51-R |
| Platform       | PowerFlex 7000 |

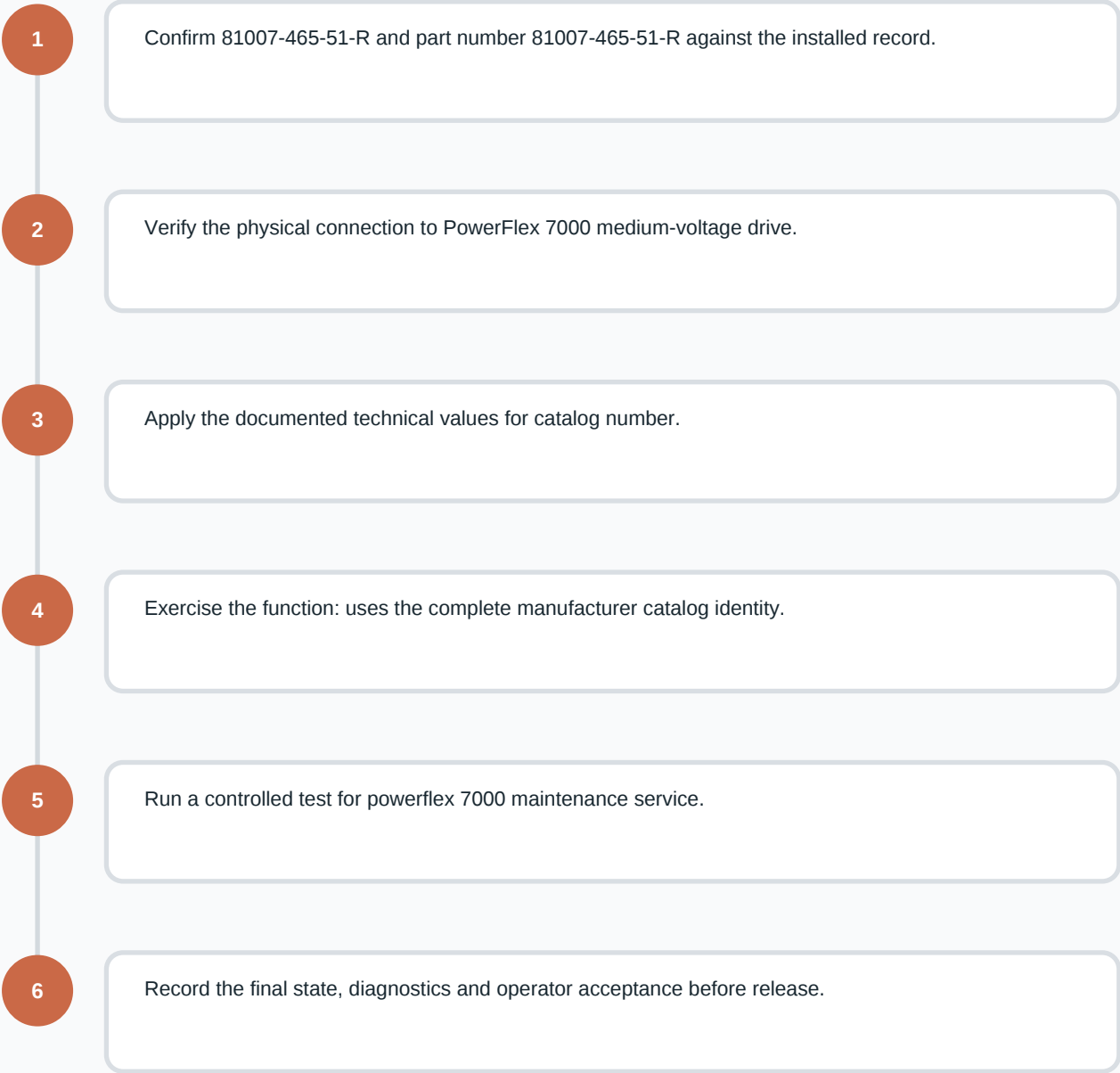
### SYSTEM CONNECTION RECORD

| CONNECTION ITEM            | DOCUMENTED ASSIGNMENT                           |
|----------------------------|-------------------------------------------------|
| Installed host / carrier   | PowerFlex 7000 medium-voltage drive             |
| Companion hardware         | documented drive control platform               |
| Field connection           | matching keyed connectors                       |
| Primary system function    | Uses the complete manufacturer catalog identity |
| Controlled acceptance duty | PowerFlex 7000 maintenance service              |

#### FIELD NOTE

Verify the complete 81007-465-51-R marking, hardware revision, installed drive position, keyed connectors and approved PowerFlex 7000 project before removal; after installation, restore only the recorded configuration and complete the drive diagnostic sequence.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

| EVIDENCE ITEM      | ACCEPTANCE CONDITION                            |
|--------------------|-------------------------------------------------|
| Identity           | 81007-465-51-R / 81007-465-51-R recorded        |
| Physical interface | PowerFlex 7000 medium-voltage drive             |
| Companion check    | documented drive control platform               |
| Functional proof   | Uses the complete manufacturer catalog identity |
| Application test   | PowerFlex 7000 maintenance service              |

## 04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed PowerFlex 7000 medium-voltage drive and documented drive control platform against the approved project.
- ☐ Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐ Prove the intended drive control-platform restoration function and retain the final test result.
- ☐ Confirm the intended process response before normal operation.

### VERIFICATION RECORD

|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| PRODUCT IDENTITY    | 81007-465-51-R                                                        |
| INSTALLED POSITION  | Documented Allen-Bradley PowerFlex 7000 medium-voltage drive 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                                              |
|----------------------------------------|---------------------------------------|---------------------------------------------------------------|
| Bently Nevada<br>330101-00-16-10-02-00 | Related industrial automation product | <a href="#">View Bently Nevada 330101-00-16-10-02-00 page</a> |
| Bently Nevada<br>330101-00-12-10-02-00 | Related industrial automation product | <a href="#">View Bently Nevada 330101-00-12-10-02-00 page</a> |
| Bently Nevada<br>330101-00-08-10-02-05 | Related industrial automation product | <a href="#">View Bently Nevada 330101-00-08-10-02-05 page</a> |
| Bently Nevada<br>330101-00-08-10-02-00 | Related industrial automation product | <a href="#">View Bently Nevada 330101-00-08-10-02-00 page</a> |
| ABB<br>3BHE022293R0101-PCD232<br>A     | Related industrial automation product | <a href="#">View ABB 3BHE022293R0101-PCD232A page</a>         |
| Bently Nevada<br>330101-00-08-05-02-00 | Related industrial automation product | <a href="#">View Bently Nevada 330101-00-08-05-02-00 page</a> |
| Siemens<br>6SE7090-0XX87-4AH0          | Related industrial automation product | <a href="#">View Siemens 6SE7090-0XX87-4AH0 page</a>          |
| Siemens<br>C98043-A7109-L100           | Related industrial automation product | <a href="#">View Siemens C98043-A7109-L100 page</a>           |

### SOURCE IDENTIFIERS

Rockwell Automation PowerFlex 7000 official manuals and product environmental compliance records  
7000-TG002; 7000-UM201; PEC-TD011

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