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# 01 Readiness and operating boundary

Before isolation, reconcile the complete label with the host drawing and capture the as-found installation.

## Capture the installed identity

Confirm the complete KJ4010X1-BG1 12P0830X072 marking and documented hardware role before work.

| | |
|---|---|
| **Exact model** | KJ4010X1-BG1 12P0830X072 |
| **Hardware role** | Right carrier extender |
| **Platform** | DeltaV M-series |

## Prove the work boundary

Place the connected process and controller hardware in the approved maintenance state.

| | |
|---|---|
| **Identity** | KJ4010X1-BG1 12P0830X072 |
| **Host** | DeltaV M-series Horizontal Carriers |
| **Acceptance** | Isolation and label record |

| PAGE TRACE | REQUIRED ENTRY |
|---|---|
| **Inspector** | _____ |
| **Result** | Pass / hold / corrective action |
| **Record** | Date, diagnostic state and release reference |


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# 02 Configuration and interface setup

Translate retained records into a controlled map of position, connections, keying and configuration.

## Build the channel map

Record the host position, companion parts, cable direction, terminal assignments and active configuration.

| | |
|---|---|
| **Hardware role** | Right carrier extender |
| **Platform** | DeltaV M-series |
| **Subsystem** | Horizontal carrier architecture |

## Classify every field circuit

Create a point-by-point map of every affected connector, terminal and configuration assignment.

| | |
|---|---|
| **Identity** | KJ4010X1-BG1 12P0830X072 |
| **Host** | DeltaV M-series Horizontal Carriers |
| **Acceptance** | Channel map approved |

| PAGE TRACE | REQUIRED ENTRY |
|---|---|
| **Inspector** | _____ |
| **Result** | Pass / hold / corrective action |
| **Record** | Date, diagnostic state and release reference |


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# 03 Installation and service sequence

Install the exact hardware and rebuild each interface without changing the documented architecture.

## Restore the physical assembly

Isolate every documented power, signal and stored-energy source before disconnecting hardware.

| | |
|---|---|
| **Platform** | DeltaV M-series |
| **Subsystem** | Horizontal carrier architecture |
| **Orientation** | Right side |

## Apply controlled settings

Protect keyed connectors, electronic contacts and labeled field conductors during handling.

| | |
|---|---|
| **Identity** | KJ4010X1-BG1 12P0830X072 |
| **Host** | DeltaV M-series Horizontal Carriers |
| **Acceptance** | Assembly and settings restored |

| PAGE TRACE | REQUIRED ENTRY |
|---|---|
| **Inspector** | _____ |
| **Result** | Pass / hold / corrective action |
| **Record** | Date, diagnostic state and release reference |


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# 04 Verification and fault isolation

Energize under controlled conditions and observe all available module, carrier and system diagnostics.

## Observe supervised states

Restore only the recorded power, wiring, grounding, shielding and configuration arrangement.

| | |
|---|---|
| **Subsystem** | Horizontal carrier architecture |
| **Orientation** | Right side |
| **Revision identity** | 12P0830X072 |

## Exercise fault indications

Energize in a controlled sequence and review module, carrier, controller and field diagnostics.

| | |
|---|---|
| **Identity** | KJ4010X1-BG1 12P0830X072 |
| **Host** | DeltaV M-series Horizontal Carriers |
| **Acceptance** | Supervision response recorded |

| PAGE TRACE | REQUIRED ENTRY |
|---|---|
| **Inspector** | _____ |
| **Result** | Pass / hold / corrective action |
| **Record** | Date, diagnostic state and release reference |


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# 05 Acceptance and service handover

Release the equipment only after identity, installation and functional evidence are recorded together.

## Compile the acceptance package

Function-test right-side extension of the documented horizontal carrier row and retain the acceptance record before service release.

| | |
|---|---|
| **Exact model** | KJ4010X1-BG1 12P0830X072 |
| **Hardware role** | Right carrier extender |
| **Platform** | DeltaV M-series |

## Authorize the handover

Attach the as-left diagnostic state and named release owner to the handover record.

| | |
|---|---|
| **Identity** | KJ4010X1-BG1 12P0830X072 |
| **Host** | DeltaV M-series Horizontal Carriers |
| **Acceptance** | Release evidence complete |

**Related industrial automation product**

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