

4300111

Half-height Module Internal Chassis Screw Set

Bently Nevada 4300111 is the Screws for half-height Module Internal Chassis identified in the 3500/05 System Rack spare-parts list. It supports the documented rack hardware arrangement during assembly or maintenance.

BRAND	Bently Nevada	FAMILY	Bently Nevada 3500/05 System Rack
PART	4300111	SYSTEM ROLE	Secures the half-height internal chassis assembly

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4300111

MANUFACTURER SOURCE RECORD

3500/05 System Rack Datasheet
Baker Hughes document 141525 Rev. N, 2025

Product Overview

SYSTEM FUNCTION

Bently Nevada 4300111 is the Screws for half-height Module Internal Chassis identified in the 3500/05 System Rack spare-parts list. It supports the documented rack hardware arrangement during assembly or maintenance.

FUNCTION 1

Secures the half-height internal chassis assembly

FUNCTION 2

Supplies the documented set of three screws

FUNCTION 3

Maintains the card-guide and chassis relationship

FUNCTION 4

Uses the official manufacturer identifier 04300111

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Bently Nevada 3500/05 System Rack
Primary interface	Secures the half-height internal chassis assembly
Engineering context	Use 4300111 only in the documented 3500/05 rack maintenance context. Record the existing position and adjacent parts before removal, protect the rack backplane and module guides, and complete a visual and functional inspection before energization.
Commissioning duty	Inspect the completed assembly and verify the affected monitor slot after startup.

TECHNICAL NOTE

Verify 4300111 against the 3500/05 rack service record before installation. Preserve the associated rack hardware, alignment and fastening arrangement, then inspect the completed assembly before modules are returned to service.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Manufacturer part number	04300111	System family	3500/05 System Rack
Component description	Screws for half-height Module Internal Chassis	Service classification	Rack hardware spare
Documented quantity	3 per documented adapter assembly		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
3500/42M	176449-02 seismic monitor	View 3500/42M page
3500/45	176449-04 position monitor	View 3500/45 page
3500/50	tachometer module	View 3500/50 page
3500/64M	140734-05 pressure monitor	View 3500/64M page
3500/65	145988-02 temperature monitor	View 3500/65 page
3500/72M	176449-08 rod position monitor	View 3500/72M page
3500/92	136180-01 gateway module	View 3500/92 page
3500/15	133292-01 power supply	View 3500/15 page

ENGINEERING BOUNDARY

Confirm the supplied 4300111 record corresponds to official part 04300111, quantity three, and matches the installed 125388-01 internal chassis and 125565-01 guide; verify fastening, debris control, connector alignment and affected-slot diagnostics before release.

Applications and Precautions

Common Applications

Internal chassis fastening

Secures the documented half-height adapter hardware.

Card-guide replacement

Provides the matching fastener set after guide or chassis service.

Rack hardware inspection

Allows damaged or missing adapter fasteners to be corrected using the named spare.

Controlled 3500 rack refurbishment

Restores the approved mechanical assembly before module installation.

Product Precautions

- 1

Confirm customer model 4300111 and manufacturer part number 04300111.
- 2

Place the rack and affected channels in the approved maintenance state.
- 3

Isolate rack power before disturbing internal adapter hardware.
- 4

Record every original screw position before removal.
- 5

Protect the backplane and remove conductive debris from the work area.
- 6

Use the complete documented quantity of three screws for the internal chassis.
- 7

Verify the card guide and chassis are aligned before final tightening.
- 8

Inspect the completed assembly and verify the affected monitor slot after startup.

IMPORTANT NOTICE

Confirm the supplied 4300111 record corresponds to official part 04300111, quantity three, and matches the installed 125388-01 internal chassis and 125565-01 guide; verify fastening, debris control, connector alignment and affected-slot diagnostics before release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	4300111
Configuration	Verify the card guide and chassis are aligned before final tightening.
Functional release	Inspect the completed assembly and verify the affected monitor slot after startup.

Engineer FAQ

Q1 What exact function does 4300111 perform as a Half-height Module Internal Chassis Screw Set?

The official manufacturer number 04300111 identifies the screw set used with the half-height internal chassis.

Q3 Which connection checks are required for 4300111?

Inspect the rack position, mating hardware and adjacent module clearances before fastening.

Q5 Which diagnostic evidence should be reviewed for 4300111?

Verify the card guide and chassis are aligned before final tightening.

Q7 How should 4300111 be commissioned after installation?

Inspect the completed assembly and verify the affected monitor slot after startup.

Q2 Which host system must be confirmed before installing 4300111?

Confirm the documented Bently Nevada 3500/05 System Rack host and the complete 4300111 marking before work.

Q4 How should the installed configuration for 4300111 be preserved?

Use the complete documented quantity of three screws for the internal chassis.

Q6 What must be recorded before replacing 4300111?

Confirm the supplied 4300111 record corresponds to official part 04300111, quantity three, and matches the installed 125388-01 internal chassis and 125565-01 guide; verify fastening, debris control, connector alignment and affected-slot diagnostics before release.

Q8 Which model-specific limitation applies to 4300111?

Protect the backplane and remove conductive debris from the work area.

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