

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3500/05 System Rack
Part number	4300111
Product role	Secures the half-height internal chassis assembly
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING 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.

APTER POWER SALES TEAM

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



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Technical Specifications

Technical values below are limited to the named Bently Nevada product record and directly applicable manufacturer documentation.

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		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Bently Nevada 3500/05 System Rack
Primary system role	Secures the half-height internal chassis assembly
Connection boundary	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.
Controlled acceptance duty	Internal chassis fastening

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.

Pre-Installation Checks

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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	4300111
Installed host	Bently Nevada 3500/05 System Rack
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

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

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Bently Nevada 3500/05 System Rack
2	Screws for half-height Module Internal Chassis
3	Internal chassis fastening
4	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.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3500/05 System Rack
Interface role	Secures the half-height internal chassis assembly
Field / power 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 evidence	Inspect the completed assembly and verify the affected monitor slot after startup.

Installation and Connection Checks

1

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

2

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

3

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

4

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

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

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.

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.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	4300111 recorded
Host / carrier	Bently Nevada 3500/05 System Rack
Physical interface	Secures the half-height internal chassis assembly
Configuration	Verify the card guide and chassis are aligned before final tightening.
Functional proof	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.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	4300111
Approved role	Internal chassis fastening
Final validation	Inspect the completed assembly and verify the affected monitor slot after startup.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
3500/33	149986-01 relay module	View 3500/33 page
3500/40M	176449-01 proximity monitor	View 3500/40M 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

MANUFACTURER SOURCE RECORD

3500/05 System Rack Datasheet
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