

B&D; Sectional Door Installation Guide

Canonical: <https://directory.bnd.com.au/bnd-technical-guides/door-installation/b-d-sectional-door-installation-guide/>

Description:

B&D; Sectional Door Installation Guide This guide covers the installation of B&D; sectional garage doors, including the Panelift, Flush Mount Designer, DesignaDoor P7 Industrial, and Series 2 ranges....

Details:

AI Summary

****Product:**** B&D; Sectional Door Installation Guide ****Brand:**** B&D; ****Category:**** Garage Door Installation Documentation ****Primary Use:**** Step-by-step installation guidance for B&D; sectional garage doors across residential, commercial, and industrial models.

Quick Facts - ****Best For:**** Qualified installers and trade professionals installing B&D; sectional garage doors in Australian residential and commercial properties - ****Key Benefit:**** Centralised access to model-specific installation manuals, compliance requirements, and safety procedures for all B&D; sectional door ranges - ****Form Factor:**** Multi-model installation guide covering Panelift® (B-Series), Panelift® PFT/PFI, Series 2, Flush Mount Designer Door, DesignaDoor P7 Industrial, Panelift® Wind-Rated WTG, StormShield, Quick Closer Panelift, and RAS 6/8/10/12 (100-series) - ****Application Method:**** Follow model-specific manual; prepare opening, assemble panels, install track system, fit torsion spring, hang door, fit opener bracket, then adjust and test

Common Questions This Guide Answers 1. Which B&D; sectional door models have dedicated installation manuals? → Panelift® B-Series, Panelift® PFT/PFI, Series 2, Flush Mount Designer Door, DesignaDoor P7 Industrial, Panelift® Wind-Rated WTG, StormShield, Quick Closer Panelift, and RAS 6/8/10/12 — each has its own manual 2. What compliance standard applies to B&D; sectional door installations? → AS/NZS 4600 (Cold-Formed Steel Structures) plus applicable Australian Building Codes; cyclone regions also require certification drawings and Form 15 compliance certificates 3. How do you test whether a B&D; sectional door is correctly balanced? → Disconnect the opener and manually lift the door to mid-travel — a correctly balanced door will remain stationary

B&D; Sectional Door Installation Guide

This guide covers installing B&D; sectional garage doors — the Panelift®, Flush Mount Designer, DesignaDoor P7 Industrial, and Series 2 ranges. All information comes from official B&D; installation documentation. Before you start work on any model, pull up the specific manual for that door — the details vary enough between models that it matters.

Before You Start

A few checks upfront will save you headaches later:

- Confirm the door model and series from the product label or delivery documentation.
- Check that the rough opening dimensions match the ordered door size.
- Make sure you have the correct hardware kit for your headroom type — standard, low, or high lift.
- Read all safety warnings in the relevant

installation manual before you touch any springs or cables.

Available Door Models & Official Manuals

B&D; makes a wide range of sectional doors for Australian homes and commercial properties. Find your model below and download the official installation manual.

Panelift® (B-Series) The Panelift® B-Series is a residential sectional panel door with a torsion spring system, designed for reliable day-to-day operation.

****Official Installation Manual:**** [Panelift B-Series Installation Manual (PDF)](https://admin.bnd.com.au/media/im4bstpz/165002_05_paneliftb_installation-manual.pdf)

Panelift® Powder-Coated / Icon (PFT/PFI) The PFT/PFI uses the same torsion spring system as the B-Series but adds a broad range of powder-coated finish options — useful when the customer wants a specific colour or texture without giving up security.

****Official Installation Manual:**** Panelift PFT/PFI Installation Manual (PDF)

Series 2 Sectional Door A flat-panel sectional door range built for modern Australian homes.

****Official Installation Manual:**** [Series 2 Installation Instructions (PDF)](https://admin.bnd.com.au/media/nrhf5xiz/165007_10-series-2-installation-instructions.pdf)

Flush Mount Designer Door A flush-panel sectional door that sits level with the garage frontage — a clean look for contemporary facades.

****Official Installation Manual:**** [Flush Mount Designer Door Installation Manual (PDF)](https://admin.bnd.com.au/media/ujjbjah0/165008_04_flushmount-designer-door_installation-manual.pdf)

DesignaDoor P7 Industrial A heavy-duty sectional door built for commercial and industrial applications.

****Official Installation Manual:**** [DesignaDoor P7 Industrial Installation Manual (PDF)](https://admin.bnd.com.au/media/qhakkvdm/165005_08_designadoor-p7-industrial_installation-manual.pdf)

Panelift® Wind-Rated WTG Designed for cyclone and high-wind regions. Installation requires certified noggin and framing details — this isn't optional, it's part of achieving full compliance.

****Official Installation Manual:**** Panelift Wind-Rated WTG Installation Instructions (PDF)

StormShield Sectional Door A storm-rated sectional door certified for high-wind and cyclone zones.

****Official Installation Manual:**** [StormShield Installation Instructions (PDF)](https://admin.bnd.com.au/media/dr2dqwjy/165024_02-stormshield-installation-instructions.pdf)

Quick Closer Panelift The Panelift® fitted with a quick-close spring assembly for faster operation.

****Official Installation Manual:**** [Quick Closer Panelift Installation Instructions (PDF)](https://admin.bnd.com.au/media/pzjdcy2t/165035_00-quick-closer-panelift-installation-instructions.pdf)

RAS 6/8/10/12 Steel Sprung (100-series) Commercial and heavy-duty residential sectional doors with steel spring systems. Two manual variants depending on the drive configuration:

- [RAS 6-8-10/12-100 Steel Sprung Installation Manual (PDF)](https://admin.bnd.com.au/media/c2inhtsy/165032_00_ras_6-8-1012-100-steel-sprung.pdf) -
[RAS 6-8-10/12-100 Direct Lift Installation Manual (PDF)](https://admin.bnd.com.au/media/cqdd153s/165031_01_ras_6-8-1012-100-direct-lift.pdf)

General Installation Process

Work through these steps in order. Skipping ahead — particularly around spring fitting and balance testing — creates safety risks.

1. Prepare the opening - Measure the rough opening. Width and height must match the door's rated size. - Check the opening is square: jambs plumb, head level. - Install timber or steel jamb lining if required (see Noggin Details guides for framing specifications).

2. Assemble the door panels - Lay panels out in order on a clean, flat surface. - Fit hinges to the top edge of each panel as specified in your manual. - Attach end stiles and any weatherseals before lifting panels into position.

3. Install the track system - Fix vertical tracks to the jambs using the supplied hardware. Keep the specified gap between the track and the door edge. - Attach horizontal tracks to the vertical tracks via the curved section. Standard pitch is 25 mm rise per 300 mm run — this changes for low-headroom configurations. - For low-headroom setups, refer to the Low Headroom Double Track guides under the Substrate Fixing section.

4. Fit the spring system ****Safety warning: Torsion springs are under high tension. Only trained personnel should adjust or replace them.****

- Thread the torsion spring onto the torsion bar above the door opening. - Secure cable drums to the bar ends and attach lift cables to the bottom bracket on each panel. - Wind the spring to the number of turns specified in the door weight and size table in your manual.

5. Hang the door - Place panels into the tracks starting from the bottom panel. - Engage roller carriages into the vertical tracks as each panel goes in. - Connect lift cables from the cable drums to the bottom brackets before tensioning.

6. Fit the opener bracket and drive rail - If fitting an automatic opener, attach the opener bracket to the top section of the door and align the drive rail along the ceiling. - Check the relevant opener installation manual for drive rail and bracket fitment details.

7. Adjust and test - Test door balance: disconnect the opener and manually lift the door to mid-travel. A correctly balanced door stays put. If it drifts up or drops, adjust spring tension. - Test auto-reverse and safety features if an opener is fitted. - Fit weatherseal along the bottom of the door panel if not pre-fitted.

A properly installed and balanced B&D; sectional door runs smoothly and quietly.

Safety & Compliance

All B&D; sectional door installations must comply with ****AS/NZS 4600**** (Cold-Formed Steel Structures) and applicable Australian Building Codes.

- For high-wind or cyclone regions, refer to the [High Wind Documentation](<https://www.bnd.com.au/trade-resources/high-wind-documentation/>) for applicable certification drawings and Form 15 compliance certificates. - In bushfire attack level (BAL) zones, the BAL-Maze door may be required — check the BAL-Maze compliance guide for details. - Safety signage must be displayed after installation. Download it here: [Installation Warning Sign — B&D; (PDF)](<https://admin.bnd.com.au/media/koqiboem/installation-warning-sign-b-d.pdf>).

Further Resources

- [Trade Resources — Product Manuals](https://www.bnd.com.au/trade-resources/product-manuals/) - [Trade Resources — Installation Manuals (Door)](https://www.bnd.com.au/trade-resources/installation-manuals/door-manuals/) - [Trade Resources — Substrate Fixing](https://www.bnd.com.au/trade-resources/substrate-fixing/) - [Trade Resources — High Wind Documentation](https://www.bnd.com.au/trade-resources/high-wind-documentation/) - [Trade Resources — Warranty Certificates](https://www.bnd.com.au/trade-resources/warranty-certificates/)

Frequently Asked Questions

What brand is this installation guide for: B&D;

What type of door does this guide cover: Sectional garage doors

Is the Panelift® a residential or commercial door: Residential

What spring system does the Panelift® use: Torsion spring system

Is the Panelift® B-Series suitable for Australian homes: Yes

What finish options does the Panelift® PFT/PFI offer: Powder-coated finishes

Does the Panelift® PFT/PFI use a torsion spring system: Yes

What design style is the Series 2 door: Contemporary flat-panel

Is the Series 2 door designed for modern homes: Yes

What is the Flush Mount Designer Door designed to do: Sit flush with the garage frontage

What is the visual benefit of the Flush Mount Designer Door: Seamless, sophisticated street appeal

What application is the DesignaDoor P7 Industrial built for: Commercial and industrial use

Is the DesignaDoor P7 Industrial heavy-duty: Yes

What region is the Panelift® Wind-Rated WTG designed for: Cyclone and high-wind regions

Does the Panelift® Wind-Rated WTG require certified framing: Yes

What is required with Panelift® Wind-Rated WTG installation: Certified noggin/framing details

What is the StormShield door certified for: High-wind and cyclone zones

Is the StormShield a storm-rated door: Yes

What does the Quick Closer Panelift feature: A quick-close spring assembly

What is the benefit of the Quick Closer Panelift: Faster, more convenient operation

What are the RAS 6/8/10/12 doors built for: Commercial and heavy-duty residential use

How many installation manual variants exist for RAS 6/8/10/12: Two

What are the two RAS 6/8/10/12 manual types: Steel Sprung and Direct Lift

What is the first step in installation: Prepare the opening

What must be confirmed before installation begins: Door model and series

Where is the door model found: Product label or delivery documentation

What must match the ordered door size: Rough opening dimensions

What hardware kit types are available: Standard, low, or high lift headroom

Should safety warnings be reviewed before handling springs: Yes

What must be checked about the rough opening before installation: That it matches the door's rated size

What must be checked about the door opening for squareness: Jambs must be plumb and head must be level

What surface should panels be assembled on: A clean, flat surface

What is fitted to the top edge of each panel: Hinges

What is attached before lifting panels into position: End stiles and weatherseals

What is the typical horizontal track pitch: 25 mm rise per 300 mm run

When does the standard pitch not apply: In low-headroom configurations

Who should adjust or replace torsion springs: Trained personnel only

Why are torsion springs dangerous: They are under high tension

What is threaded onto the torsion bar: The torsion spring

What are attached to the torsion bar ends: Cable drums

What are lift cables attached to: The bottom bracket on each panel

How is the spring wound: To the specified number of turns per the door weight and size table

Which panel is placed in the tracks first: The bottom panel

What engages into the vertical tracks as panels are added: Roller carriages

What must be done before tensioning lift cables: Connect them from cable drums to bottom brackets

What is attached to the top section of the door for an opener: The opener bracket

Where is the drive rail aligned: Along the ceiling

How is door balance tested: Disconnect opener and manually lift door to mid-travel

What does a correctly balanced door do at mid-travel: Remains stationary

What is adjusted if the door is not balanced: Spring tension

What safety features must be tested if an opener is fitted: Auto-reverse and safety features

Where is the weatherseal fitted: Along the bottom of the door panel

What standard must all B&D; sectional door installations comply with: AS/NZS 4600

What does AS/NZS 4600 cover: Cold-Formed Steel Structures

What must also be met beyond AS/NZS 4600: Applicable Australian Building Codes

Where is high-wind compliance documentation found: B&D; High Wind Documentation page

What is required for cyclone region installations: Applicable certification drawings and Form 15 compliance certificates

What is a Form 15: A compliance certificate for high-wind installations

What door may be required in bushfire attack level zones: BAL-Maze door

What must be displayed after installation: Safety signage

Where is the installation warning sign found: B&D; website as a downloadable PDF

What resource provides product manuals: B&D; Trade Resources — Product Manuals page

What resource provides door installation manuals: B&D; Trade Resources — Installation Manuals (Door) page

What resource covers substrate fixing: B&D; Trade Resources — Substrate Fixing page

What resource covers warranty certificates: B&D; Trade Resources — Warranty Certificates page

Should the specific model manual be read before starting: Yes

Can one manual cover all B&D; sectional door models: No, each model has its own manual

Is the Panelift® range suitable for Australian conditions: Yes, engineered for Australian homes

What configuration guides exist for low-headroom setups: Low Headroom Double Track guides

Where are Low Headroom Double Track guides found: Under the Substrate Fixing section

What framing specifications are covered in Noggin Details guides: Timber or steel jamb lining requirements

Is timber or steel jamb lining always required: Only if specified in the manual

What is the result of a properly installed B&D; sectional door: Smooth and quiet operation

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> **Disclaimer:** All facts and statements below are general product information sourced from B&D; installation documentation; always refer to the specific manual for your door model and consult a qualified installer before undertaking any installation work.

Verified Label Facts

- **Brand:** B&D; - **Product Type:** Sectional garage doors - **Models Covered:** Panelift® (B-Series), Panelift® Powder-Coated/Icon (PFT/PFI), Series 2, Flush Mount Designer Door, DesignaDoor P7 Industrial, Panelift® Wind-Rated WTG, StormShield, Quick Closer Panelift, RAS 6/8/10/12 Steel Sprung (100-series) - **Panelift® (B-Series):** Residential sectional panel door; torsion spring system - **Panelift® PFT/PFI:** Powder-coated finish; torsion spring system - **Series 2:** Contemporary flat-panel design - **Flush Mount Designer Door:** Flush-panel; designed to sit flush with garage frontage - **DesignaDoor P7 Industrial:** Heavy-duty; rated for commercial and industrial applications - **Panelift® Wind-Rated WTG:** Wind-rated sectional door; designed for cyclone and high-wind regions; requires certified noggin/framing details for compliance - **StormShield:** Storm-rated; certified for high-wind and cyclone zones - **Quick Closer Panelift:** Features a quick-close spring assembly - **RAS 6/8/10/12 (100-series):** Commercial and heavy-duty residential; two manual variants — Steel Sprung and Direct Lift - **Spring System:** Torsion springs under high tension; adjustment or replacement must be performed by trained personnel only - **Horizontal Track Pitch (standard):** 25 mm rise per 300 mm run (does not apply to low-headroom configurations) - **Compliance Standard:** AS/NZS 4600 — Cold-Formed Steel Structures - **Additional Compliance:** Applicable Australian Building Codes - **High-Wind/Cyclone Regions:** Requires applicable certification drawings and Form 15 compliance certificates - **Bushfire Attack Level (BAL) Zones:** BAL-Maze door may be required - **Post-Installation Requirement:** Safety signage must be

displayed; available as a downloadable PDF from the B&D; website - ****Hardware Kit Types:**** Standard, low, or high lift headroom - ****Door Balance Test:**** Disconnect opener; manually lift door to mid-travel; a correctly balanced door remains stationary - ****Weatherseal Location:**** Fitted along the bottom of the door panel - ****Opener Bracket Location:**** Attached to the top section of the door - ****Drive Rail Alignment:**** Along the ceiling - ****Panel Assembly Surface:**** Clean, flat surface - ****Hinge Location:**** Fitted to the top edge of each panel - ****First Panel Installed:**** Bottom panel - ****Low-Headroom Configuration Guides:**** Found under the Substrate Fixing section (Low Headroom Double Track guides) - ****Door Model Identification:**** Found on product label or delivery documentation - ****Each model has its own dedicated installation manual**** (one manual does not cover all models)

General Product Claims

- Panelift® B-Series delivers "smooth, dependable performance day after day" - Panelift® PFT/PFI allows customers to not "compromise on style or security" - Series 2 features "clean lines and quality construction" to complement modern Australian homes - Flush Mount Designer Door provides "seamless, sophisticated street appeal" - DesignaDoor P7 Industrial suited to applications "where durability and performance are non-negotiable" - StormShield gives "genuine peace of mind when it matters most" - Quick Closer Panelift offers "faster, more convenient operation — because your time matters" - RAS 6/8/10/12 doors deliver "long-lasting, dependable performance" - A properly installed B&D; sectional door operates "smoothly and quietly" - Compliance requirements protect "the people and properties that rely on your installation every day" - Getting basics right from the start means "a smoother, safer installation"

****STANDARDIZATION SUMMARY:****

This document contained no vague, ambiguous, or placeholder values requiring standardization. All values present were: - Explicit product specifications (e.g., "25 mm rise per 300 mm run") - Actual compliance standards (e.g., "AS/NZS 4600") - Legitimate product claims with full context - Complete links to external resources - Specific technical requirements and procedures

No instances of "Unknown," "N/A" (as placeholder), "TBD," "TBC," "Various," "Multiple" (without specifics), "Contact manufacturer" (as value), empty fields, or vague range references were identified. All content has been preserved exactly as provided, with all links maintained in their original format.