

1. Unique identification code of the product-type:

Brand	D&D Technologies
Model(s)	MagnaLatch Top Pull Series 3 Self-Latching Gate Latch - Part Number / identifier listed below

Part Number / identifier	Bar code	Description/Type	Production type	NZ Building Product class
ML3TPLA	736494009181	MagnaLatch Top Pull Series 3	Batch or mass-produced products	Class 1
ML3TPLARB	736494011924	MagnaLatch Top Pull Series 3 - Bunnings	Batch or mass-produced products	Class 1
ML3TPKAWT	736494011061	MagnaLatch Top Pull Series 3 - White	Batch or mass-produced products	Class 1
ML3ATPLAG2	736494012167	MagnaLatch ALERT Top Pull Series 3	Batch or mass-produced products	Class 1

This specification only covers the Part Number / identifier listed above – substitutions are not permitted.

2. Product description and its intended use(s)

Magnetic Self-Latching Gate Latch

Key Features:

- Automatic self-latching upon gate closure.
- Vertical & horizontal adjustments to maintain recommended alignment. Height setting screw with fine increments to ensure release mechanism knob out is positioned out of reach to meet Clause 3.4.4.1 (location of the latching device) of NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs.
- Alignment Indicators on latch and striker to show recommended alignment.
- Integrated gate latch and alarm system – Visual and Audible ALARM when latch is unlatched and/or gate is not closed (ML3ATPKAG2).
- Lock:
 - 6-pin re-keyable security lock – re-keyable to match door set.
 - Visual Lock Indicator for knowing when latch is locked or unlocked.
- Suitable for use on pool applications – Independently tested for “Durability, Strength and Rigidity, Closing and Latching and Security of Closure of Gate Unit to AS 1926-1 2012”.
- When used on pool gate applications: The release of the latching device or latch is located at a height no less than 1,500mm above the finished floor/ground level or 1,400mm above the top of the highest lower horizontal member. Always confirm local fence / barrier regulations before installation.
- When used on pool gate applications: Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.
- Materials: Constructed from engineered polymer with aluminium extrusion and stainless-steel latching pin and spring.
- Operation Temperature range: -40 degrees C to 60 degrees C for the mechanical latch and -20 degrees C to 60 degrees C for the electronic module.
- Recommended and Minimum post sections – refer to table below.

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- Ideal Gate Gap and Gap Variance – refer to table below.

Part Number / identifier	Description/Type	Ideal Gate Gap	Gap Variance	Recommended Post Width - Latch	Recommended Post Width - Striker
ML3TPLA	MagnaLatch Top Pull Series 3	19mm	9 – 25mm	30mm	40mm
ML3TPLARB	MagnaLatch Top Pull Series 3 - Bunnings	19mm	9 – 25mm	30mm	40mm
ML3TPKAWT	MagnaLatch Top Pull Series 3 - White	19mm	9 – 25mm	30mm	40mm
ML3ATPLAG2	MagnaLatch ALERT Top Pull Series 3	19mm	9 – 25mm	30mm	40mm

Applications:

- Gates weighing 70kg with dimensions of 1,800mm H x 1,200mm W.
- Pool Gates: Observe the following:
 - MagnaLatch Top Pull Series 3 Self-Latching Gate Latches listed in this document must be paired with suitable self-closing devices for the gate.
 - The release of the latching device or latch is located at a height no less than 1,500mm above the finished floor/ground level or 1,400mm above the top of the highest lower horizontal member. Always confirm local fence / barrier regulations before installation. Always confirm local fence / barrier regulations before installation.
 - Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.
- Residential Gates.
- Light Commercial Gates.
- Gate material and fencing material – refer to table below.

Part Number / identifier	Description/Type	Fence Post Material	Gate Material
ML3TPLA	MagnaLatch Top Pull Series 3	Metal/Vinyl/Wood	Metal/Vinyl/Wood
ML3TPLARB	MagnaLatch Top Pull Series 3 - Bunnings	Metal/Vinyl/Wood	Metal/Vinyl/Wood
ML3TPKAWT	MagnaLatch Top Pull Series 3 - White	Metal/Vinyl/Wood	Metal/Vinyl/Wood
ML3ATPLAG2	MagnaLatch ALERT Top Pull Series 3	Metal/Vinyl/Wood	Metal/Vinyl/Wood

3. Place of Manufacture:

Place of Manufacture

- Aotearoa New Zealand Overseas, see manufacturer section for details

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4. Legal and trading name of the manufacturer(s):

D&D Technologies Pty Ltd.

Address for Service

Street name and number	Unit 6, 4-6 Aquatic Drive
Suburb	Frenchs Forest
Region/state	New South Wales
Country	Australia
Post code	2086
Website	https://www.ddtech.com/
Email	https://au.ddtech.com/pages/contact-us
Phone	+61 2 9454 7888
Business number	ABN: 94 059 413 430

5. Legal and trading name of the importer (if applicable):

ASSA ABLOY New Zealand Ltd

Address for Service

Street name and number	6 Armstrong Road
Suburb	Albany
Region/state	Auckland
Country	New Zealand
Post code	0632
Website	https://www.assaabloy.com/nz/en
Email	nzsales@assaabloy.com
Phone	+64 (0)9 448 9188
Business number	NZBN: 9429036762194

6. Relevant Building Code clauses:

Standard	Clause(s)
AS1926-1 2012 – Swimming pool safety Part 1: Safety barriers for swimming pools.	Tests to AS1926-1 2012: Durability, Strength and Rigidity, Closing and Latching and Security of Closure of Gate Units.
NZS 8500: 2006 - Safety Barriers and Fences Around Swimming	Clause 3.4.4 – Latching device Clause 3.4.4.1 – Location of the latching device.

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Pools, Spas and Hot Tubs	
NZ Building Regulations 1992	Clause F9.9.3 - Means of restricting access to residential pools: Any gates must — a. open away from the pool; and b. not be able to be readily opened by children (when paired with suitable self-closing and self-latching devices – see Sections 8 to 11 below); and c. automatically return to the closed position after use.

7. Statement on how the building product is expected to contribute to compliance.

Clause 3.6 – Durability of a Gate Unit and Appendix F: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 3.5 – Strength and Rigidity of a Gate Unit and Appendix E: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 3.4 – Closing and Latching of Gates: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 2.4.1.3 – Security of Closure: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

The following standards are applicable MagnaLatch ALERT Top Pull Series 3 (ML3ATPKAG2) only:

- EU EMC Directive EN 61000-6-3:2007: Radiated disturbance - 30 MHz to 1000 MHz
- EU EMC Directive EN 61000-6-1:2007: EN 61000-4-2 - Electrostatic discharge (ESD) EN 61000-4-3 - RF radiated susceptibility EN 61000-4-8 - Magnetic field immunity EMC Framework to AS/NZS 61000.6.3:2012.
- AS1217.5 – “Acoustics Determination of sound power levels of noise sources”
- USA: FCC Part 15 (B) Class B (ANSI C63.4:2014) - “Reasonable protection against harmful interference”.

8. Limitations on the use of the building product:

- Pool Gates: Observe the following:
 - MagnaLatch Top Pull Series 3 Self-Latching Gate Latches listed in this document must be paired with suitable self-closing devices for the gate.
 - The release of the latching device or latch is located at a height no less than 1,500mm above the finished floor/ground level or 1,400mm above the top of the highest lower horizontal member. Always confirm local fence / barrier regulations before installation. Always confirm local fence / barrier regulations before installation.
 - Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.

9. Design requirements that would support the appropriate use of the building product.

Pools must have or be provided with physical barriers that restrict access to the pool. A barrier surrounding a pool must have no permanent objects or projections on the outside that could assist children in negotiating the barrier. Refer to the following references for further details:

- Clause F9 - Means of restricting access to residential pools of the NZ Building Regulations 1992.
- NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs.

10. Installation requirements

- Refer to supplied fitting instructions.
- Pool Gates: Observe the following:
 - MagnaLatch Top Pull Series 3 Self-Latching Gate Latches listed in this document must be paired with suitable self-closing devices for the gate.
 - The release of the latching device or latch is located at a height no less than 1,500mm above the finished floor/ground level or 1,400mm above the top of the highest lower horizontal member. Always confirm local fence / barrier regulations before installation. Always confirm local fence / barrier regulations before installation.
 - Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.

11. Maintenance requirements

NOTE: Gates and Fencing can move due to wind loading, ground movement, and/or other factors. This can cause alignment to shift. Therefore, Site Operator and/or Site Owner must ensure the following inspection and maintenance is carried out on a regular basis or when the gate(s) is prevented from being self-closed and its self-latching device is prevented from self-latching, i.e., the latching pin engaging with the keeper.

- Refer to supplied fitting instructions.
- Observe the following:
 - Check self-closing hinges will self-close the gate from any position and allow the latching pin of the self-latching device to engage with the keeper. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation. When making tension adjustment, ensure each hinge always have equal tension at all times.
 - Always carry out maintenance on both self-latching devices and self-closing hinges for the gate at the same time. The key points are as follow:
 1. Check placement and position of the release mechanism knob with respect to the standards mentioned above.
 2. Check alignment between the latching pin of the latch and the keeper of the striker to ensure the latching pin is engaged with the keeper when the gate is in the closed position. If a MagnaLatch Series 3 Top Pull device is installed, check the alignment indicators provided on the MagnaLatch Series 3 Top Pull for optimal alignment. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation.
 3. Check paired self-closing hinges for the gate to enable the gate to be closed from any position and allow the latching pin to be engaged with the keeper. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation.
 4. Check for any obstruction(s) or potential obstruction(s) that prevents the latching pin being engaged with the keeper when the gate is in the closed position.
- Gate alignment and maintenance is essential to maintain self-closing, latching alignment and performance.

12. Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes No

If yes, description of the warning or ban under section 26

N/A

13. Date

Date of document completion (day/month/year)

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