

# MSA Latchways® Vertical Ladder Kits



Vertical  
ladder system

Vertical  
ladder system with  
extension post



*Because every life has a **purpose...***

## Kit Overview

**MSA Latchways Vertical Ladder Kits** provide an easy-to-install solution when fall protection is necessary for climbing activities on fixed ladders. A vertical lifeline allows movement up and down the entire height of the line, eliminating the need to disconnect and find new tie-off points while ascending or descending a ladder. In the event of a fall, the climbing device automatically engages the vertical lifeline and locks, arresting the fall and potentially saving a life.

These vertical ladder kits come in multiple lengths for different ladder heights and must be used in conjunction with the Latchways LadderLatch™ climbing device.

**The LadderLatch climbing device** is a device for use on all Latchways vertical systems. It incorporates the unique starwheel, allowing the unit to pass over cable supports without the need to detach. It also includes an anti-inversion mechanism so the device cannot be connected to the cable upside down.

The Latchways LadderLatch is **SOLD SEPARATELY** (see page 4).

## Approvals

- ANSI Z359.1
- CSA Z259.2.5
- Meets OSHA 1910.28 – Walking/Working Surfaces Standard

## Kit Ordering Information

Vertical Ladder System Kits				
Kit Numbers				
<b>30901-00</b>	<b>30902-00</b>	<b>30903-00</b>	<b>30904-00</b>	<b>30905-00</b>
20 ft (6 m)	40 ft (12 m)	55 ft (17 m)	75 ft (22 m)	90 ft (27 m)

Extension Post—Vertical Ladder System Kits				
Kit Numbers				
<b>31901-00</b>	<b>31902-00</b>	<b>31903-00</b>	<b>31904-00</b>	<b>31905-00</b>
20 ft (6 m)	40 ft (12 m)	55 ft (17 m)	75 ft (22 m)	90 ft (27 m)

Extension Posts are necessary for ladders where the top rung does not give the necessary clearance required to step on to the surface area. The user will need additional height for the fixed ladder in order to step onto the surface area and detach properly.

## Kit Components



Galvanized top anchor



Top anchor fixing kit



Lifeline absorber assembly with stainless steel cable attached



Ladder mount intermediate gate



Cable guide fixing kit



Bottom anchor assembly



Bottom anchor fixing kit



System label kit



Galvanized extension post



Extension post fixing kit

## Tools required

- 2 x 19 mm wrench
- 1 x 5 mm security head allen key
- 2 x adjustable wrench—adjustable to 1 ¼" (30 mm)
- 1 x 17 mm deep socket
- Cable cutters
- Long nose pliers
- Torque wrench capable of applying 14.75 ft lb (20 Nm)

## Attachment device (sold separately)

Latchways attachment devices are designed to connect the user, wearing a full body harness, to a Latchways cable system. These devices allow hands-free operation for system users. The unique starwheel allows the device to pass over cable supports without the need to detach.



Ladderlatch Attachment Device

PART NUMBER	Conformance
3104L-00	ANSI – Z359.1-2007
3103L-00	CSA – Z259.2.5-12

### ⚠ CAUTION

The Latchways LadderLatch device is the only approved attachment device for use with MSA Latchways Vertical Ladder Kits.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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