

ANSI Z359.1 “Fall Arrester” and “Vertical Lifeline” requirements have been replaced

The American National Standards Institute (ANSI) has adopted a new standard that will supersede the existing single anchor lifeline requirements of the ANSI Z359.1. The new standard is ANSI Z359.15 - 2014, “Safety Requirements for Single Anchor Lifelines and Fall Arresters for Personal Fall Arrest Systems.” This standard was published in February 2015 with no effectivity date provided by the ANSI committee. However, MSA single anchor lifeline products will be updated to meet the ANSI Z359.15 standard beginning May 1st, 2016.

ANSI Z359.15-2014 “Safety Requirements for Single Anchor Lifelines and Fall Arresters for Personal Fall Arrest Systems”

This standard focuses on design, testing, and marking requirements for manufactured fall arresters and single anchor lifelines.

Any applicable product manufactured by MSA on or after the May 1st, 2016 date will be compliant to the new standard. Prior equipment may remain in service as long as it passes inspection criteria. Equipment in distribution channels, but not yet in service, will be grandfathered in.

Key Changes from Z359.1 to Z359.15

- Fall Arresters must now have an Anti-Panic function that allows the device to arrest a fall even when the lever is being held in an upward or “open” position
- Fall Arrest System shall maintain residual static strength of 1,800 lbs after fall event – previously, there was no requirement
- New “Compatible Fall Arresters” marking required on compatible Lifelines

How does this change impact MSA product?

- MSA’s offering of ANSI-compliant **fall arresters** will change from (3) three options to (1) one.
- MSA’s offering of ANSI-compliant **single-anchor lifelines** will increase from (1) one option to (2) two.
- Each lifeline will now include a new tag that lists compatible Fall Arresters.
- MSA will eliminate an outdated design of the ‘gold’ fall arrester in favour of a new design that has the panic feature built-in. The new design will have additional markings as per the new standard requirements along with the removal of a “U-shackle” component to increase strength performance.
- The fall arrester and integral lanyard will now be made in one length of (30) inches.

These components - an updated ANSI Z359.15 Fall Arrester and updated ANSI Z359.15 Lifeline - must be used together to maintain ANSI compliance.

Please refer to the Product Conversion Guide on the following pages for further clarification.

ANSI Z359.15 Single-Anchor Lifeline Conversion Guide

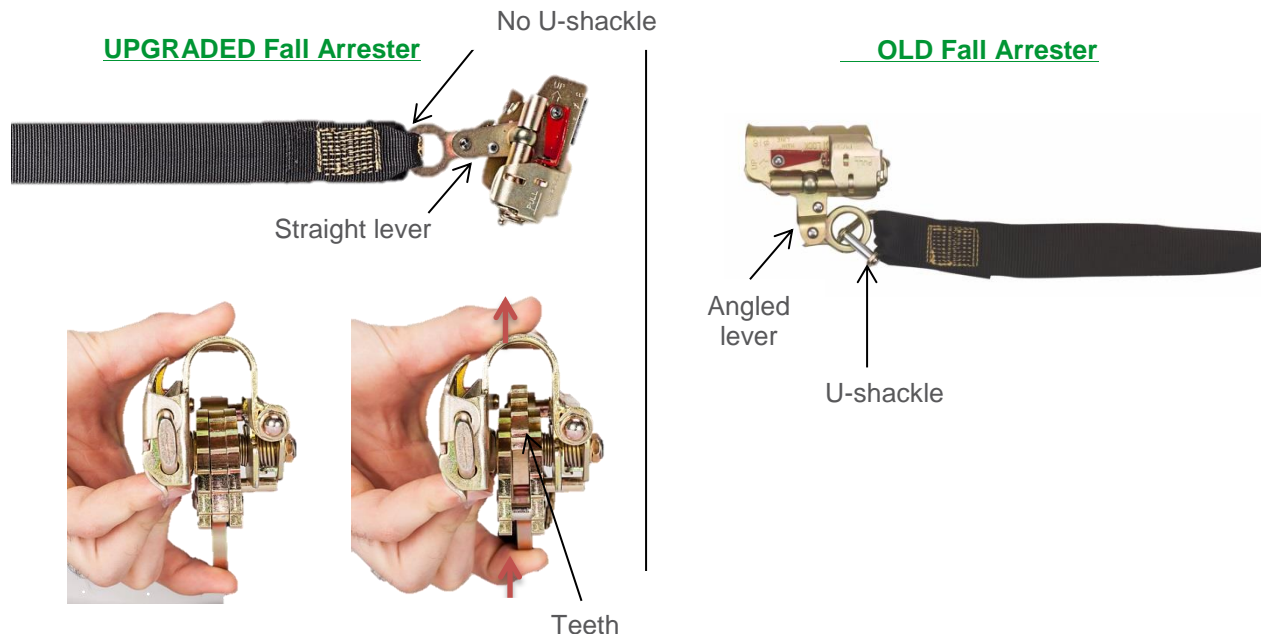
Key Differentiators in Fall Arrester Design

OLD Fall Arrester Part Numbers (415941 and 10011379)

- U-shackle on fall arrester
- No labels present on 'gold' Fall Arrester
- Manufactured before May 1, 2016

UPGRADED Fall Arrester Part Numbers (415940 manufactured on or after May 1, 2016)

- No U-shackle on fall arrester
- Labels present on 'gold' Fall Arrester
- Manufactured on or after May 1, 2016
- Anti-Panic feature present when pushing lever into "upward" position. Look for teeth popping up where Lifeline would be during normal use.



ANSI Rope Grab Part Number Conversion Guide

OLD P/N	Description	Upgraded P/N	Description
Fall Arresters			
415941	19" Rope Grab	415940	30" Rope Grab, Anti-Panic Function
10011379	28" Rope Grab	415940	30" Rope Grab, Anti-Panic Function
415940	36" Rope Grab	415940	30" Rope Grab, Anti-Panic Function

*PN 415940 has been converted to a standard 30" length.

ANSI Lifeline Part Number Guide

P/N	Description
Base Rope	R512539, White, 100% Polyester
415938	LIFELINE, VERTICAL, POLYESTER, 10 FT. 36C
415939	LIFELINE, VERTICAL, POLYESTER, 15 FT. 36C
415865	LIFELINE, VERTICAL, POLYESTER, 25 FT. 36C
415866	LIFELINE, VERTICAL, POLYESTER, 30 FT. 36C
415867	LIFELINE, VERTICAL, POLYESTER, 35 FT. 36C
415868	LIFELINE, VERTICAL, POLYESTER, 40 FT. 36C
415869	LIFELINE, VERTICAL, POLYESTER, 50 FT. 36C
415870	LIFELINE, VERTICAL, POLYESTER, 75 FT. 36C
415871	LIFELINE, VERTICAL, POLYESTER, 100 FT. 36C
415872	LIFELINE, VERTICAL, POLYESTER, 150 FT. 36C
415873	LIFELINE, VERTICAL, POLYESTER, 200 FT. 36C
Base Rope	SRP9200, Blue/Orange, Co-Polymer core / Polyester outer
10092662	LIFELINE, VERTICAL, POLYSTEEL, 25 FT. 36C
10092663	LIFELINE, VERTICAL, POLYSTEEL, 30 FT. 36C
10092664	LIFELINE, VERTICAL, POLYSTEEL, 50 FT. 36C
10092665	LIFELINE, VERTICAL, POLYSTEEL, 100 FT. 36C