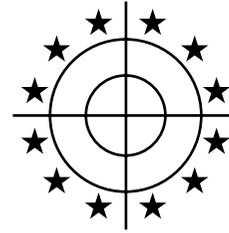


***Daystate***



Self-Indexing Magazine and Multi-Shot Magazine Systems  
Compatibility with Daystate Models

## BACKGROUND – PRE-2020

Since 2002, Daystate has manufactured many rifle models that feature a Multi-Shot Magazine [fig 1] to auto-load the pellet during the cocking process. Apart from the PH6 rifle (production 1997-2002), which used a fixed magazine design, Daystate's adopted Multi-Shot Magazine platform was standardised across all multi-shot rifle models and mainly offered a 10-shot capacity.



Fig 1: Late-version Daystate Multi-Shot Magazines

Although maintaining its original engineering, Daystate's multi-shot magazine has evolved greatly since its introduction, incorporating many changes – a lower profile cassette (c.2007), wider loading channel (c.2011) and the use of higher-tech materials being the most obvious.

Around 2008, the Multi-Shot Magazine was improved to allow insertion/removal from either the left or the right of the breech block. These magazines incorporated a small stop-pin (and, later, a magnet to ensure accurate chamber/bore alignment) on the back of the magazine which could be swapped from one side to the other to suit the loading side preference [fig 2]. Up to c.2017, this could be altered by the shooter; after that, it became a factory-request option (and not shooter-swappable).



Fig 2: Double stop-pins (with magnet) to allow magazine to be inserted/extracted from right or left of breech



Fig 3: Additional upper and lower stop-pin positions for specific rifle models. Huntsman-style breeches require the lower position; breeches on the Pulsar, Renegade, Wolverine and RedWolf require the pin in the upper position

From 2010, Daystate's portfolio of rifle models began expanding rapidly and to suit the growing range, the Multi-Shot Magazine's stop-pin position had to change to accommodate newly designed breeches. Multi-Shot Magazines manufactured after October 2013 have upper and lower stop-pin positions on the rear of the magazine [fig 3].

While pre-2013 Multi-Shot Magazines will fit and work in all Daystate rifle models that deploy the original Huntsman-style breech block, post-2013 Multi-Shot Magazines will require the stop pin to be correctly positioned (in the lower hole) for correct operation. Additionally, some Daystate rifle models manufactured after 2013 – the Wolverine for example – will only accept the post-2013 Multi-Shot Magazines (where the stop pin must be located in the upper hole for correct operation).

**When using the Multi-Shot Magazine on any Daystate model designed to use one, it is therefore important to ensure it is the compatible version (and/or its pin-placement is correctly set).**

## BACKGROUND – 2020 ONWARDS

From July 2020, Daystate introduced a higher capacity Self-Indexing Magazine [fig 4]. This Self-Indexing Magazine has been tested to work in all rifle models in production at 2020\*, namely: Wolverine, Pulsar, Renegade, Huntsman and Red-Wolf. Other than those, the new Self-Indexing Magazine is intended to be compatible with older Daystate rifle models designed around the original Multi-Shot Magazine system (eg Huntsman Classic, MK3, MK4, Air Ranger, Air Wolf).



Fig 4: New Self-Indexing Magazine (introduced 2020).  
Pin/magnet are factory-set for right-side insertion/removal

Back-compatibility with the older rifle models will vary. It is really a case of seeing if a magazine works or not because rifles made pre-2013 will have been subject to evolving manufacturing updates within the same model lines. Notably, there are three distinct designs of the magazine indexing mechanism incorporated in the breech blocks across various models, identifiable as: pawl (slider), indexing pin or self-indexing (nothing) Fig.5 not shooter-swappable).



Fig 5: Breech indexing systems showing (from L-R) pawl, pin and no indexing mechanism. The latter style breech will only work with the Self-Indexing Magazine; the Self-Indexing Magazine may work in the other two breech types on older rifle models. The Multi-Shot Magazine will work in both pawl and pin breeches, but only if it is compatible and/or set up correctly for the specific rifle model

From 2020, those Daystate rifle models equipped as standard with the new Self-Indexing Magazine will not work with the Multi-Shot Magazine.

While the new Self-Indexing Magazine features upper and lower holes with a stop pin (for left- or right-sided loading across various rifle models), this is not a shooter-swappable feature. Currently the factory sets up all the magazine for right-sided insertion/removal.

**For best results, it is important to use the correct (and/or correctly-set) magazine in your Daystate rifle. If in doubt, contact your local Daystate dealer – or check the following FAQs.**

## UPDATE

\* UPDATE: Late 2020 sees the arrival of Daystate's flagship new Delta Wolf. It is equipped with a Self-Indexing Magazine that is exclusive to this model of rifle [fig 6]. Its magazine therefore will not operate in the Wolverine, Pulsar, Renegade or RedWolf models – and their magazines (whether Multi-Shot or Self-Indexing) will not work in the Delta Wolf.



Fig 6: New Delta Wolf Self-Indexing Magazine (not compatible with other rifle models at 2020)

## FREQUENTLY ASKED QUESTIONS

**Will the new Self-Indexing magazine fit in my 2018 RedWolf, which came supplied with the Multi-Shot Magazine?**

Yes – it will fit and work without any problem. It will also fit Pulsar, Renegade and Red Wolf models. Be aware, however, that the Self-Indexing Magazine is 3mm taller than the original Multi-Shot Magazine, so you may need to fit higher scope mounts.

**Will the Self-Indexing Magazine fit in my MK3 or Huntsman Classic?**

Yes, although earlier rifles were paired to a magazine type, so if it physical 'fits' into the breech you should not have an issue..

**Will the Self-Indexing Magazine fit in my 2014 Huntsman Regal?**

Yes, it will. The Self-Indexing Magazine is designed to work in all previous Daystate magazine rifles and has been tested to work in all current production types – including the Huntsman Regal

**My .30 calibre Wolverine 303 came with a 5-shot Multi-Shot Magazine, can I use the new Self-Indexing Magazine to take advantage of its 8-shot capacity in .30 calibre?**

Yes, you can – but it may depend on where in the world you live! Japan, for example, does not allow rifle magazines to have more than five shots.

**I own a .177 Pulsar made in 2016, which came with a 10-shot Multi-Shot Magazine. The magazine counter on the rifle's computer is programmable to either '10' or 'Off'. I'd like to fit the new Self-Indexing Magazine as it has a capacity of 13 shots in .177 – but how do I re-program my Pulsar's computer to recognise this extra mag capacity?**

Unfortunately, not - you can only switch the magazine counter off. The GCU board used until 2020 is not suitable for the later programming which includes a memory upgrade to cater for multiple choice of magazine capacities as well as other improvements.

**Can I have my Multi-Shot Magazine serviced and get spare parts for it, or will these gradually become obsolete now that newer Daystate rifles are being equipped with the Self-Indexing Magazine system?**

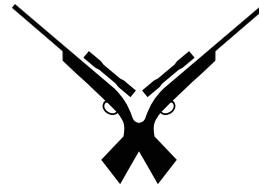
The Daystate factory will continue to repair and replace the multi shot magazine wherever possible from existing stock but no new parts are to be manufactured.

**Will the new Self-Indexing magazine fit in my 2018 RedWolf, which came supplied with the Multi-Shot Magazine?**

Yes, but be aware that the magazine counter should be switched to off.



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