

## 080-0550 Downsized Grapple Compression Latch

**New Hampton, IA—December, 2021** —This new grapple style compression latch is designed for compartments, access panels and hoods for off-highway vehicle applications that are subject to high vibration loads. Similar in function to TriMark's 080-0500 Grapple Style Compression Latch, this version offers a space saving design that is retrofittable to popular competitor latches. Offering 5mm (.197") of compression, the three robust opposing jaws work with a striker diameter of 8.0 - 9.5mm (.315" - .375"), providing a high level of resistance to vibration, shock and wear. Other product details include:

- Its use in gasketed applications meets requirements for environmental sealing, noise and airflow management—helps reduce or eliminate noise and rattle caused by vibration
- Provides sturdy door support to eliminate extra wear/stress on door hinges as seen with other latches that provide minimal support
- Sealed housing provides for minimal intrusion of dirt and water
- Intuitive open and close actuation does not require a turning operation
- Handle provides over-center action and remains up (flagged) when latch is open providing clear open/closed status
- Designed to fit mounting cutout of popular competitor latches (86mm/3.39" square mounting)

System kits are available and include strikers and accessories to provide a comprehensive access solution.

In addition to the new Downsized Grapple Compression latch, TriMark has several 'off the shelf' Compression Latches that are designed to provide consistent gasket compression for vibration dampening and elimination of rattle and noise.

[Click here](#) for additional information.

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TriMark Corporation is an employee-owned company and is a recognized leader in the design and manufacture of quality vehicle hardware products for the mass transit/bus, recreational vehicle, agricultural, truck, construction, and enclosure markets. We offer a comprehensive selection of handles, latches, linkages, hinges, and complete door access systems that includes mechatronic solutions for keyless entry, vehicle security and ignition control. TriMark corporate headquarters is located in New Hampton, Iowa, USA and serves the European market through its subsidiary, TriMark Europe Ltd, based at Bardon Hill, near Coalville, Leicester and the China market through TriMark Xuzhou.

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