

050-0103  
Two Rotor Latch  
Two Position Intertrip



This two rotor latch is a sub-platform to the TriMark proven 050-0100 series latch and is designed for medium to heavy-duty applications for on or off highway compartments and access panels. It features an internal trip mechanism for applications where it is desirable to have the release mechanism in-line with the latch.

**DESIGNED FOR:**

- Medium to heavy weight doors for on or off-highway applications
- Door thicknesses of 1-7/8" or greater (47.6mm)
- Door weights of 50-200 lbs. (23-91 kg)
- Door seal pressures of 50-150 lbs. (23-68 kg)(suggested for best results)
- Visible surface installation or concealed inside installation
- Applications where it is desirable to have the release mechanism in-line with the latch

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# 050-0103 Two Rotor Latch Two Position Intertrip

**AVAILABLE:**

- In left or right hand configurations (right hand shown)
- With (4) 1/4-20 UNC or M6 X 1 threaded axles
- With trip lever options

**MATERIAL:**

- Internal latch components: Heat treated, smooth edge stamped steel
- Case halves: High strength steel
- Springs: Non-corrosive stainless steel

**FINISH:**

- Zinc plated, clear chromate steel components

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

**INSTALLATION:**

- (4) 1/4-20 UNC grade 5 or M6 X 1 class 8.8 or better fasteners are required (not included). Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs (13.3 N-m)
- Fastener mounting holes diameter should not exceed .281" (7.1mm)

**INTERNAL LUBRICATION:**

- Oven-cured dry lubricant is applied at factory on all critical moving parts

**NOTE:** Two position, double rotor latches comply with FMVSS 206 (ECE R11) in primary and secondary latching positions when installed as shown below and tested with approved TriMark FMVSS 206 (ECE R11) compliant striker bolts in accordance with SAE J839.

Individual part dimensions are for reference only. Refer to individual part drawings for complete dimensions, specifications, and installation procedures. Engineering assistance and application drawings are available.