

050-0117
Two-Rotor Latch
With Coaxial Trip



This 2-rotor latch is designed for medium to heavy-duty applications for on or off-highway compartments and access panels. It features a coaxial trip mechanism for applications where it is desirable to provide additional support to the trip lever with a single position latch.

DESIGNED FOR:

- Door thicknesses of 1-7/8" or greater (47.6mm)
- Door weights of 50-200 lbs. (23-91 kg)
- Door seal pressures of 50-0150 lbs. (23-68 kg) (suggested for best results)
- Use with TriMark 070-0200 Striker Bolt

AVAILABLE:

- In left or right hand configurations (right hand shown)
- With (4) 1/4-20 UNC or M6 X 1 threaded axles or .286 (7.3mm) diameter "thru" axles
- With trip lever options (please inquire)
- With a torsion return spring



www.trimarkcorp.com

TriMark Corporation

500 Bailey Avenue
P.O. Box 350
New Hampton, Iowa 50659
United States
Tel: 641-394-3188
Fax: 641-394-2392
1-800-447-0343
www.trimarkcorp.com

10002707 QM08
10002707 TS09



ISO 9001: 2008
ISO/TS 16949: 2009

TriMark Corporation

TriMark Europe

Cedar Court
Walker Road
Bardon Hill
Coalville LE67 1TU
United Kingdom
Tel: +44(0)1530 512460
Fax: +44(0)1530 512461
www.trimarkeu.com

427961 QM08
427961 UM



ISO 9001 : 2008
ISO 14001 : 2004

TriMark Europe Ltd.

FINISH:

- Zinc plated, clear chromate steel components

MATERIAL:

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

INSTALLATION:

- Four 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

STRIKER INSTALLATION:

- Install striker bolt in door frame
- Close door carefully and check for interference between head of striker bolt and latch components
- Add or remove shims under striker bolt washer as required (outside diameter of shim should be larger than outside diameter of striker bolt washer)
- Adjust striker bolt vertically so door is not guided upward or downward while being closed
- CHECK TO DETERMINE THAT BOTH SECONDARY AND PRIMARY LATCHING POSITIONS ARE USABLE
- Door should be latched but not "closed" in secondary position with respect to adjacent surfaces in primary position
- If both primary and secondary positions are not evident, readjust striker bolt
- After installation, check door alignment and door seal pressures

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.

Caution: Single position rotary latches do not comply with FMVSS 206 requirements.

