

050-1600
TriGuard Heavy
Duty Single Rotor Latch



This latch is designed for medium to heavy-duty vehicle entrance and rear door applications. It features a proven single rotor latch design, high strength 8 gauge (4.2mm) front mounting plate and robust straddle mount release lever. The slim design mounts into 2.00" (50.8mm) doors and retrofits competitive single rotor wedge style rotary latches

- Medium to heavy duty doors of 23-91 kg (50-200 lbs.) with door seal pressures of 23-60 kg (50-150 lbs.)
- Use with TriMark 070-0201 Striker Bolt

FEATURES/BENEFITS:

- Heavy duty modular construction — survives in punishing environments
- Can be used on retrofit or new surface mount vehicle construction
- .550" (13.9mm) Diameter Striker Bolt



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AVAILABLE:

- Right or left hand configurations (left hand shown)
- Custom configured release levers
- Other mount options (please inquire)
- Heavy duty latch/striker provides rotor/cam assist to heavy doors, hinges and compensates for door sag

MATERIAL:

- Case halves: high strength steel
- Springs: non-corrosive stainless steel
- Rotor and catch: heat treated high strength steel with dry lube coating

FINISH:

- Standard: RoHS compliant zinc plated, clear chromate steel components
- Optional: powder coated or CARC finish in custom colors

INSTALLATION:

- (3) M8 X 1.25 class 8.8 or 5/16-18 UNC Grade 8 or better fasteners are recommended (not included)
- Tighten to the manufacturers' recommended torque value

Patent Pending

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.

Applications of this latch may fall within the requirements of FMVSS 206 and SAE J839 safety standards. These safety related requirements are dependent on door application, e.g. front and rear hinged doors, sliding doors, or hinged upward swinging doors. The entire door hardware system must be included in the design/analysis process: latch, handle, lock mechanism, cables/rods/linkages, fasteners, hinges, etc. This ensures compatibility of all components within the hardware system. If FMVSS 206 is a requirement, then all of the components within the door system must comply with strength, inertia and locking requirements as specified within the Standard. Note that this product complies with FMVSS 206 when tested with approved TriMark Striker Bolts in accordance with SAE J839 and that this product meets FMVSS 206 load requirements and may be used in FMVSS 206 applications pending TriMark application approval.

