

# 050-0200 Slimline Rotary Latch



This compact single rotor latch is designed for light to medium applications for on or off-highway entrance doors, compartments and access panels. It features a variety of trip levers and mounting axles for ease of mounting and application and is FMVSS 206 compliant.

#### **DESIGNED FOR:**

- Thinner, light or medium weight door applications
- Door weights up to 75 lbs. (34 kg)
- Door seal pressures of 20-25 lbs. (9-11kg) recommended for best results (not to exceed 50 lbs. [23 kg])
- Visible surface installation or concealed installation



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## AVAILABLE:

- Left or right hand configurations (left hand shown)
- With standard .265 diameter "thru" axles as shown or 1/4-20 UNC threaded axles (optional) or M6 x 1.0 threaded axles

## MATERIAL:

- Internal latch components: heat treated, smooth edge stamped steel
- Springs: non-corrosive stainless steel
- Case halves: high strength steel

## FINISH:

- Zinc plated, clear chromate steel components
- Stainless steel

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## INSTALLATION:

- Three 1/4-20 UNC grade 5-type or M6 x 1 class 8.8 or better fasteners are recommended
- Vertical mounting with support ramp at top is required for proper alignment and subsequent engagement of locking pawl and striker bolt
- Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs. (13.3 N-m)

## INTERNAL LUBRICATION:

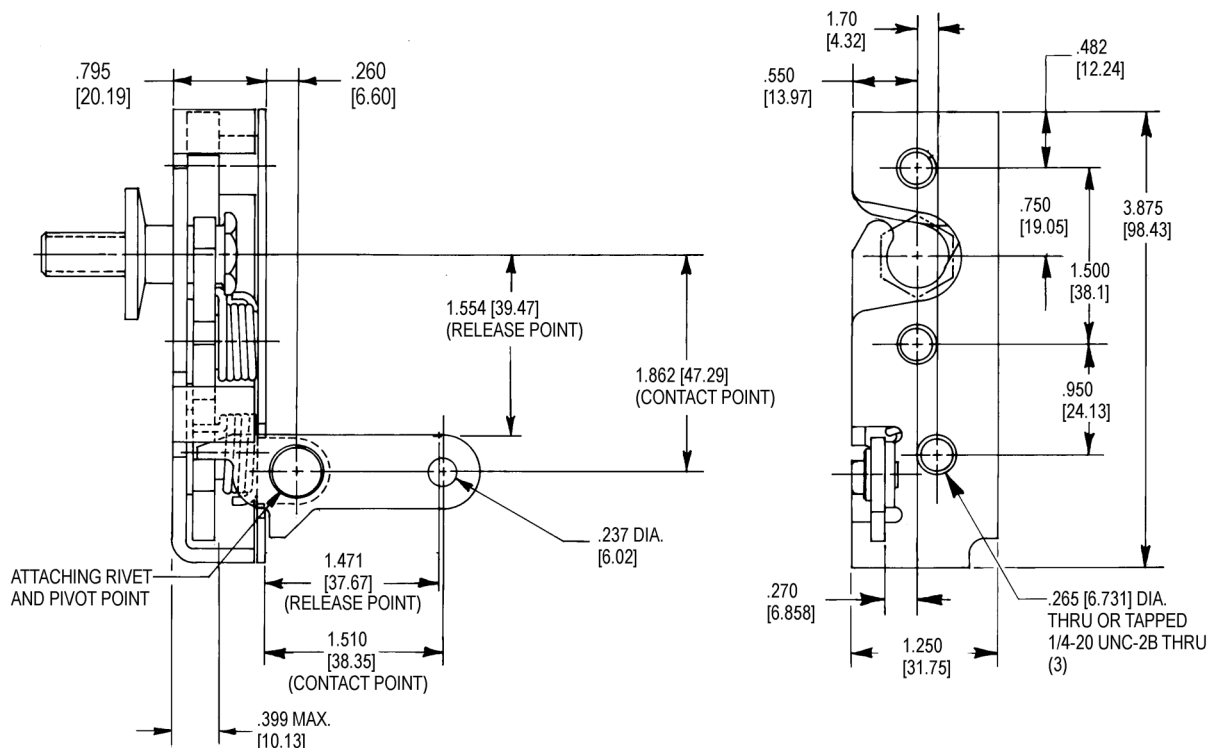
- Oven-cured dry lubricant is applied on all critical moving parts

U.S. Patent No. 7,156,430

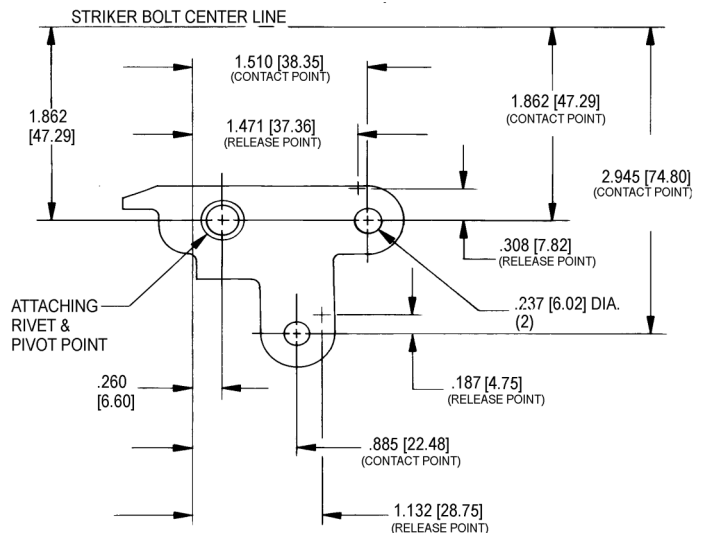
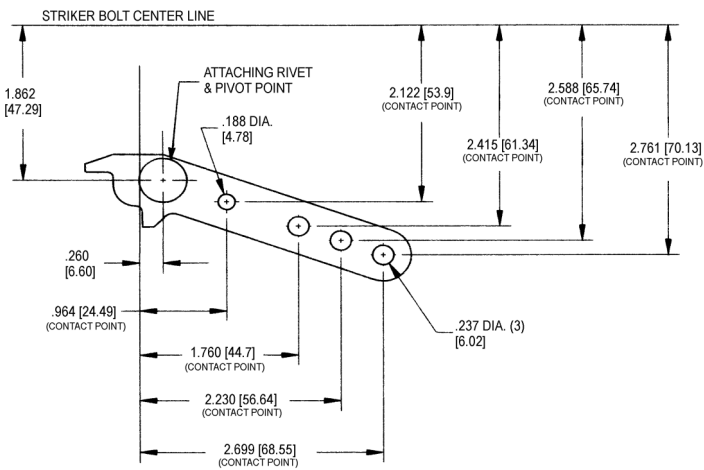
U.S. Patent No. 7,320,488

Two position rotor latches comply with FMVSS 206 in primary and secondary latching positions when tested with approved TriMark 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.



## Optional Trip Levers (In Reference to Striker Bolt Centerline)



## Optional Push-Button Release Configuration

