

050-0100 Two-Rotor Latch



This versatile 2-rotor latch is designed for medium to heavy-duty 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 applications and is FMVSS 206 compliant.

DESIGNED FOR:

- Medium to heavy weight doors for on or off-highway applications
- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs. (23-91 kg)
- Door seal pressures of 50-150 lbs. (23-68 kg) (suggested for best results)



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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
- Straddle mount option

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

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)

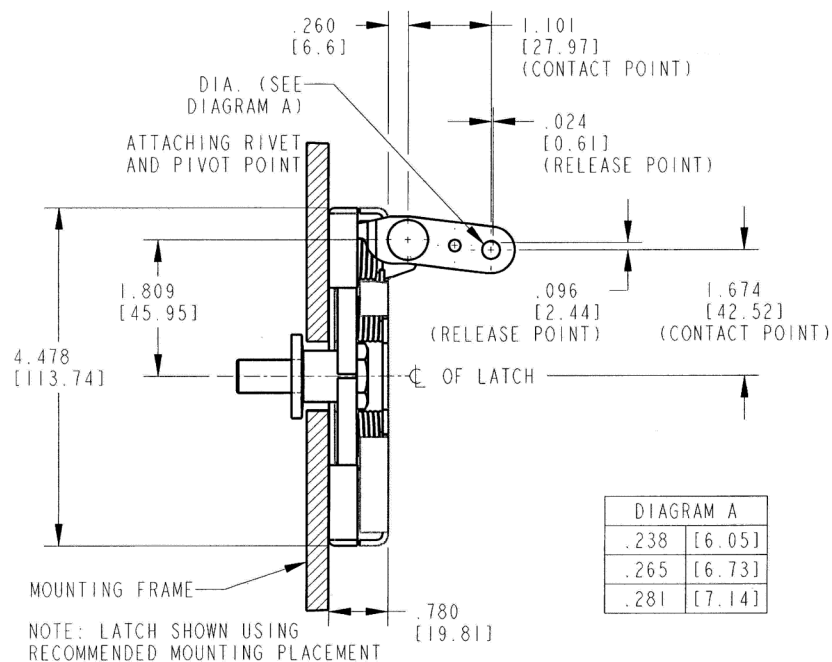
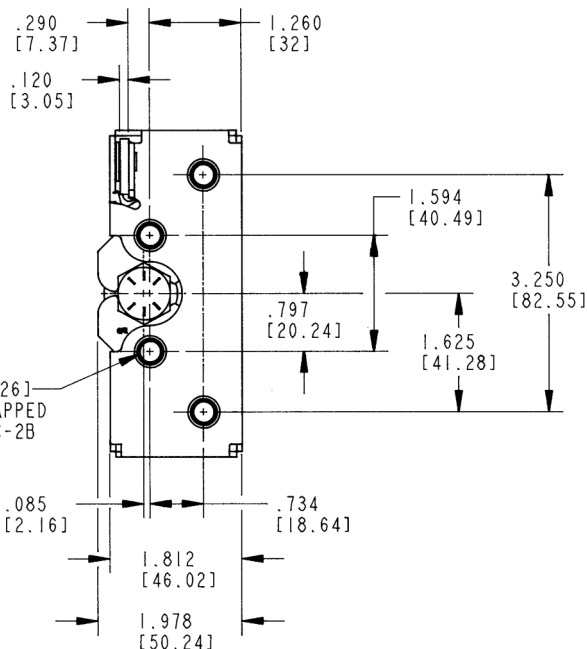
INTERNAL LUBRICATION.

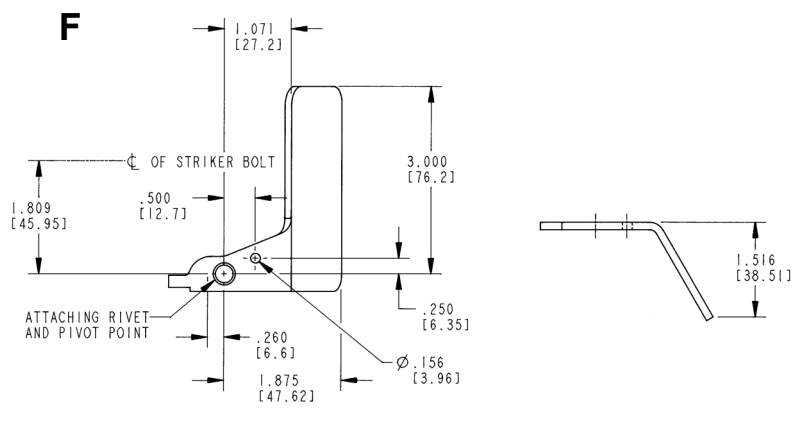
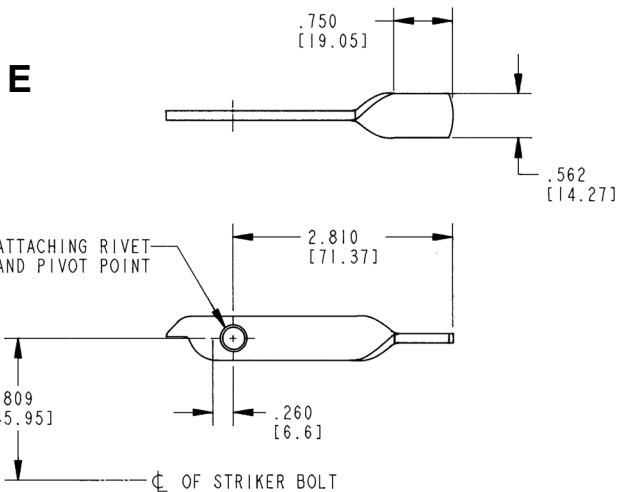
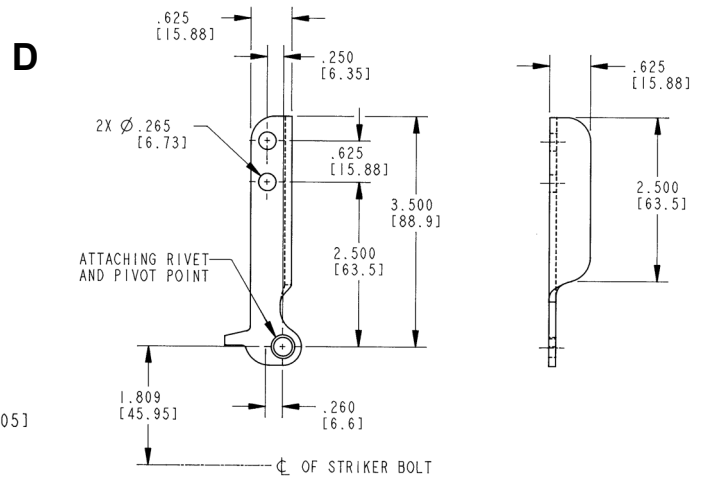
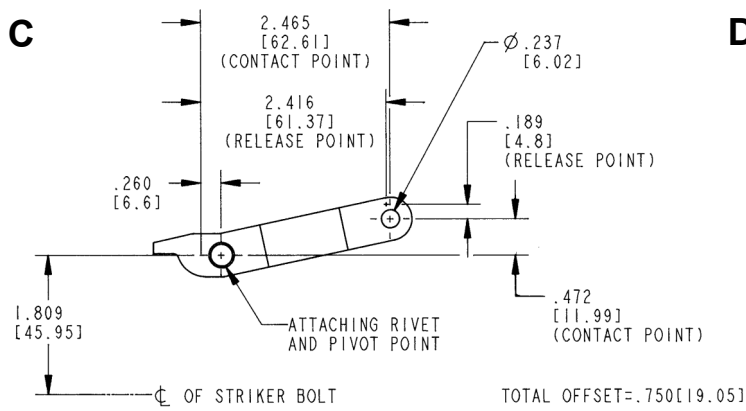
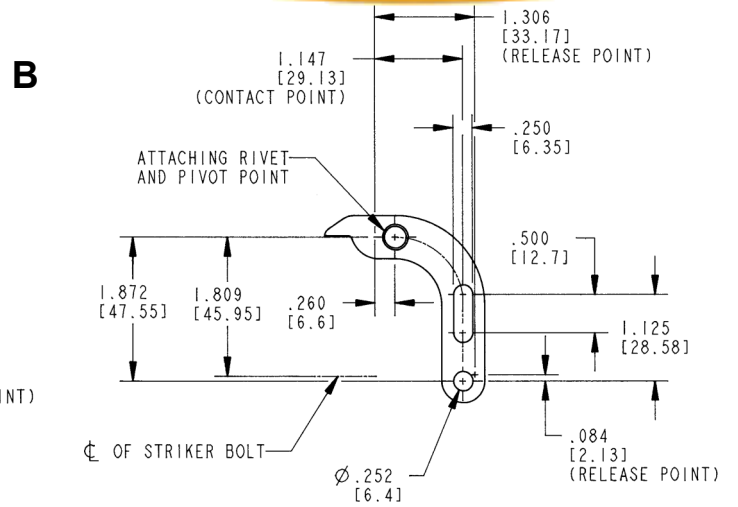
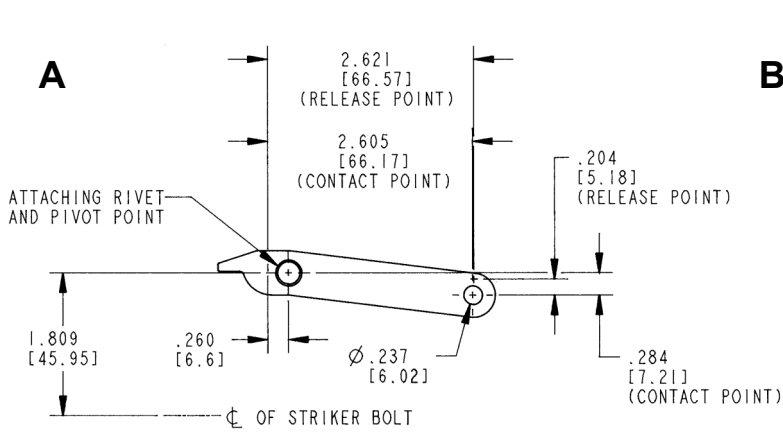
- Oven-cured dry lubricant is applied at factory on all critical moving parts

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.

For more information visit:
www.trimarkcorp.com

CAUTION: 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, 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.





THE TRIP LEVERS ABOVE REPRESENT SIX TYPICALLY SUPPLIED OPTIONS.
 MANY MORE TRIP LEVER GEOMETRIES ARE AVAILABLE -- PLEASE INQUIRE.