

050-0810 Single Rotor Latch Logic

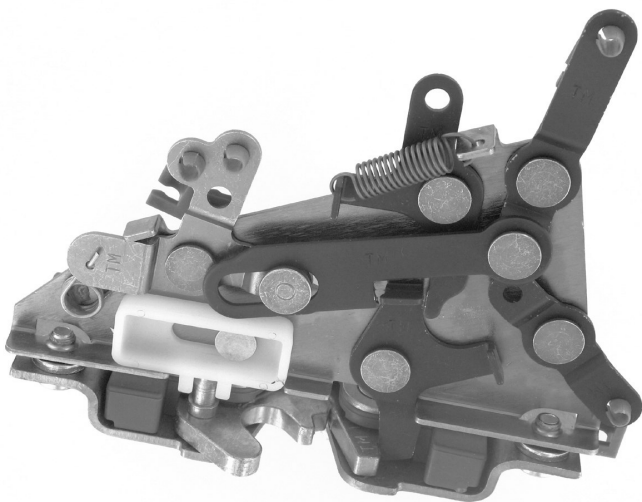


DESIGNED FOR:

- Personnel doors for specialty vehicles including ambulance, fire/rescue and light duty off-highway vehicles that require compliance to FMVSS 206 (ECE R11) standards
- Applications where it is desirable to have the ability to electronically lock the door
- Medium to heavy weight door applications
- Door weights up to 150 lbs. (68 kg) maximum
- Door seal pressures of 25-50 lbs. (11-23 kg) recommended for best results

FEATURES/BENEFITS:

- Provides automotive locking logic function
- Mounts in doors requiring latch location remote from activating handles
- Latch and logic has a no lock-out detail that will not allow you to lock the door unless it is closed. This eliminates the possibility of inadvertently locking the keys in the vehicle.
- The logic provides an over-ride function that automatically unlocks the door when the inside door handle is operated. This feature provides egress without having to manually unlock the door before operating the handle.



Global Locations:

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

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

TriMark (Xuzhou)
Building A5 Jingwu Road
Xuzhou Economic
Development Zone
Xuzhou, Jiangsu
221004 PR China
Tel: +86 516 8773 0018
Fax: +86 516 8773 0058
www.trimarkcn.com



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AVAILABLE:

- Right or left hand configurations (right hand shown)
- With (4) 1/4-20 UNC or M6 x 1 threaded axles
- Linkage rods available for your specific applications

FINISH:

- Zinc plated clear chromate steel components
- Linkage components are Nitrotec® treated for wear resistance

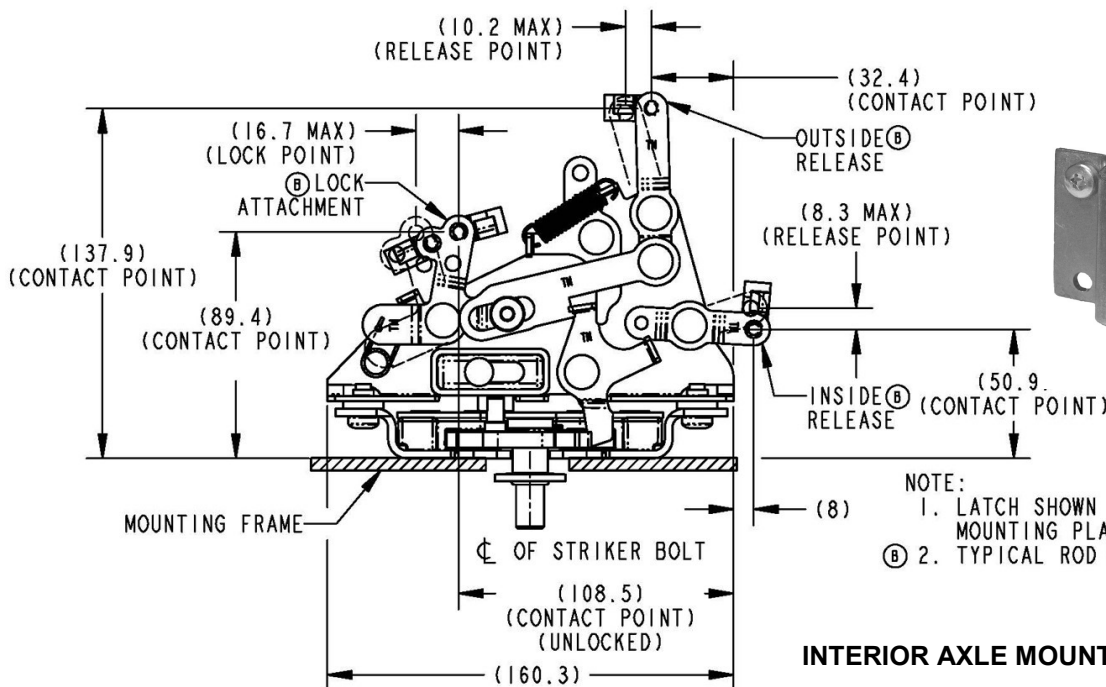
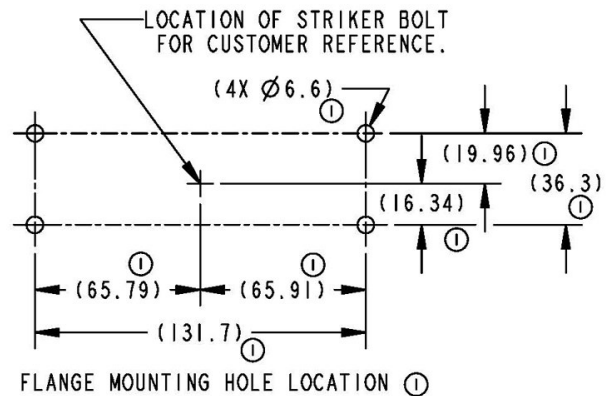
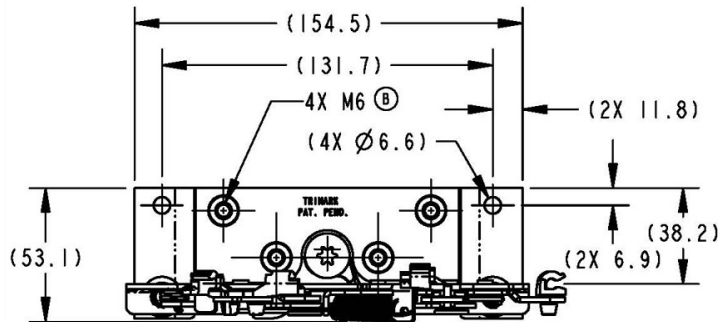
MATERIAL:

- Plastic encapsulated metal rotor and catch reduces friction and deadens the door closing sound
- Springs: non-corrosive stainless steel
- Case halves: high strength steel

INSTALLATION:

- Can be mounted inside or outside of door edge
- (4) 1/4-20 UNC grade 5 or M6 X 1 class 8.8 or better fasteners are recommended (not included)
- Tighten to the manufacturers' recommended torque value, however, do not exceed 72 in-lbs. (8 N-m)

For more information visit
www.trimarkcorp.com



INTERIOR AXLE MOUNTING CONFIGURATION

U.S. Patent No. 6,494,506 / 6,695,361

NOTE:

System kits are available and include handles, latches, rods, brackets and power lock actuators to provide a comprehensive electro-mechanical access solution.

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: Applications of this latch may fall within the requirements of FMVSS 206 (ECE R11) 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 (ECE R11) 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 (ECE R11) when tested with approved TriMark Striker Bolts in accordance with SAE J839 and that this product meets FMVSS 206 (ECE R11) load requirements and may be used in FMVSS 206 (ECE R11) applications pending TriMark application approval.

