



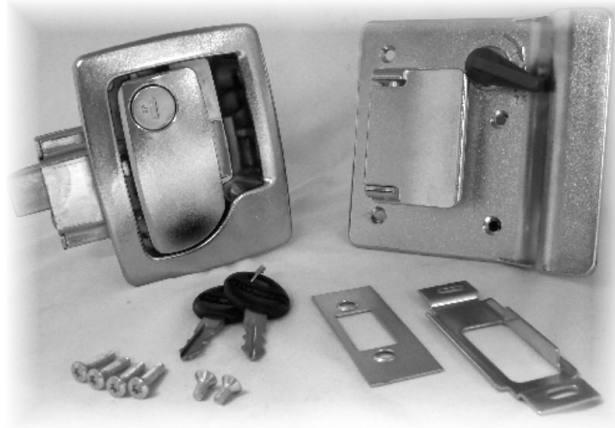
***Service & Replacement Parts***

TriMark Service and Replacement Parts provides the standard vehicular hardware products and keys to OEM's in the construction, agriculture, truck (on and off-road), recreational vehicle and enclosure markets. We provide a variety of latches and handles, striker bolts and locks, keypads and FOBs, hinges and window hold-opens and accessories to RV dealers, locksmiths, specialty vehicle and other end users.

# Welcome to TriMark Service & Replacement Parts

TriMark Service & Replacement Parts, a division of TriMark Corporation, provides the standard vehicular hardware products and keys to OEM's in the construction, agriculture, truck (on- and off-road), recreational vehicle, and enclosure markets. We also serve RV dealers, locksmiths, specialty vehicle users and others. Our products include a variety of latches and handles, striker bolts and locks, hinges and window hold opens. TriMark also has key blanks and the ability to cut keys to TriMark codes.

Customer service is a priority. We know the door latches and handles used in the RV industry and will help you identify which part you require and provide technical assistance if needed. With any order, large or small, you'll receive personalized service and attention to detail. Our dedicated staff is ready to help with your replacement hardware requirements. For many of our customers we support "just-in-time". We have engineers available to assist in the proper selection and application of our products and help with the identification of repair or service parts.



Inventory levels are maintained so our customers receive what they want -- when they want it. Same day shipping is provided on in-stock items and on orders that are received by 1:00 P.M. Central Time. VISA, Discover, American Express, Master Card, and C.O.D. are acceptable methods of payment and credit is available upon approval.

Our modern warehousing and shipping facility is conveniently located adjacent to TriMark Corporation. This allows us to keep our inventory sufficiently stocked and ready to ship. It's so easy to order:

Toll Free: 1-800-431-8616

Email: [trimarkparts@trimarkcorp.com](mailto:trimarkparts@trimarkcorp.com)

[ann.flatjord@trimarkcorp.com](mailto:ann.flatjord@trimarkcorp.com)

[abigail.lechtenberg@trimarkcorp.com](mailto:abigail.lechtenberg@trimarkcorp.com)

Fax: 641-394-1515 or 641-394-1572

You can also purchase select replacement parts on:



**'Any hardware supplier can sell you components, but TriMark has built its reputation by providing custom solutions to customer needs through complete door and system solutions.'**

## Products -- Setting the Standard

TriMark enjoys an excellent reputation as a leading designer and manufacturer to the on- and off-road vehicle and industrial hardware industries. We provide latching and access solutions for the agricultural, truck, construction, recreational vehicle, and enclosure markets. Our products have become the "standards" by which others are compared.

We manufacture a variety of latches, handles, striker bolts, linkage, and related components for domestic and overseas markets that are innovative, field proven and value priced.

## KeyOne™ Plus

An improved KeyOne™ Plus system is available for certain TriMark products. Enhanced features include a reversible key for ease of operation and a larger body diameter for enhanced security. Please call for information.



Look for the KeyOne™ trademark identifying products that are available with this system.

U.S. Patent No. 5,606,882

---

## Federal Motor Vehicle Safety Standard 206

Certain TriMark products are listed as either in compliance or excluded from all or part of the standard. These products have been thoroughly tested in accordance with SAE J839 for the load requirements. This is a U.S. standard and covers the door locks and door retention components for passenger cars, multipurpose passenger vehicles, and trucks. The entire door hardware system must be included in the design process: latch, handle, 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 must comply with strength, inertia and functional requirements.

Other regulations and directives that are similar in scope for other countries may also apply, but require an application review to determine conformance. Final door system certification is the responsibility of the vehicle manufacturer.

For additional information relating to these Federal standards including the test methods, please refer to the TriMark website -- [www.trimarkcorp.com](http://www.trimarkcorp.com)

---

## TriMark Electrical/Electronic Solutions

If security and convenience are two of the major attributes your customers demand for the electronics in their vehicle doors, TriMark has the answer. Full functionality and state-of-the-art design and manufacturing means you can depend on TriMark electronics to be working many years down the road.

For additional information relating to TriMark's electrical/electronic solutions, please refer to the website -- [www.trimarkcorp.com](http://www.trimarkcorp.com)

**Radio Frequency** -- TriMark's radio frequency offers remote controlled keyless entry for end user convenience and security.

**Keypad** -- TriMark's keypad offers true keyless entry for end user convenience and security.

**Actuators** -- TriMark's reliable and durable actuators are available in several styles and options.

---

## Drawings/Dimensions

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.

Additional product information including latch and striker bolt installation as well as other technical tips and guidelines are available for viewing on the TriMark website.

[www.trimarkcorp.com](http://www.trimarkcorp.com)

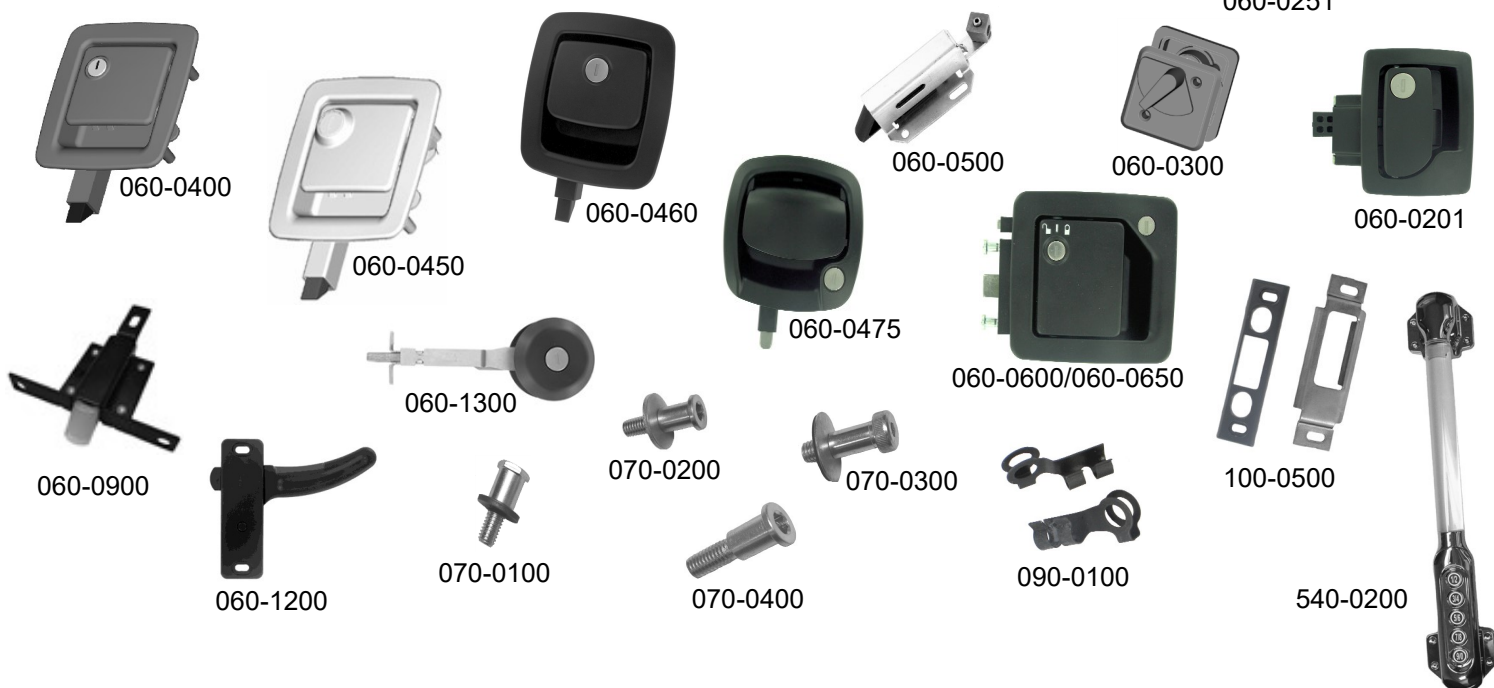
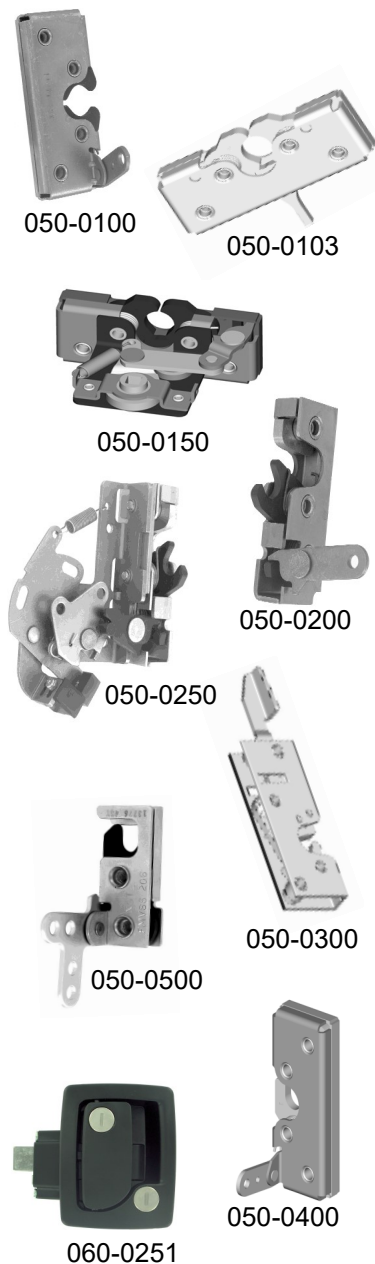
# Table of Contents

010-0300 Locking L-Handle.....	6
010-0100 Release Lever.....	8
010-0600 Pop-Up T-Handle.....	9
020-0150 Grab Handle.....	10
020-0700 Flush Pull Handle.....	11
030-0100 Single Rotor Compartment Latch.....	12
030-0175 Stamped Compartment Latch.....	13
030-0185 Stamped Steel 2-Point Paddle Handle.....	14
030-0300 Entrance Door Hardware Set.....	15
030-0400 Paddle Handle.....	16
030-0425 Inside Bezel & Release Lever Assembly.....	17
030-0450 2-Point Paddle Handle.....	18
030-0800 Flush Mounted Paddle Handle.....	19
030-0825 Flush Mounted Paddle Handle With Inside Release Lever.....	20
030-0850 Flush Mounted Paddle Handle.....	21
030-0860 Flush Mounted Paddle Handle With Inside Lock Knob.....	22
030-0900 Motor Home Entrance Door Hardware.....	23
030-1000/1050 Motor Home Entrance Door Hardware.....	24
030-1100 2-Point Paddle Handle.....	25
030-1125 Paddle Handle With Hook.....	26
030-1400 Paddle Handle.....	27
030-1425 Paddle Handle.....	28
030-1450 2-Point Paddle Handle.....	29
030-2000 2-Point Free Float Baggage Lock.....	30
040-0400 Push Button Center Control.....	31
040-0500 120mm Push Button Handle.....	32
040-0550 163mm Push Button Handle.....	33
040-0600 TriMount Push Button Handle.....	34



# Table of Contents

050-0100 Two-Rotor Latch .....	36
050-0103 Two-Rotor 2-Position Intertrip .....	37
050-0150 Two-Rotor Latch & Release Linkage .....	38
050-0200 Slimline Rotary Latch .....	39
050-0250 Single Rotor Latch & Release Linkage .....	40
050-0300 Single Rotor Latch .....	41
050-0400 Floating Striker Single Rotor Latch .....	42
050-0500 Single Rotor Mini-Latch .....	43
060-0201 Trailer Latch .....	44
060-0251 Trailer Latch With Dead Bolt .....	45
060-0300 Flush Mount Security Lock .....	46
060-0400 Flush Mounted Baggage Lock .....	47
060-0450 EZ Access Baggage Lock .....	48
060-0460 Flush Baggage Lock .....	49
060-0475 Flush Baggage Door e-LOCK .....	50
060-0500 Plunger Bolt Assembly .....	51
060-0600/0650 Motor Home Entrance Door Hardware .....	52
060-0900 Recessed Mount Plunger Bolt .....	53
060-1300 Flush Mount Security Lock .....	54
070-0100 .500 (12.7mm) Diameter Striker Bolt .....	55
070-0200 .675 (17.1mm) Diameter Striker Bolt .....	55
070-0300 .375 (9.5mm) Diameter Striker Bolt .....	55
070-0400 12mm Diameter Striker Bolt .....	56
090-0100 Rod Clips .....	56
100-0400 Brackets .....	57
100-0500 Strike Plates .....	57
540-0200 Lighted Grab Handle With Keypad .....	58
Key Blanks .....	59
KeyOne™ Plus .....	60
e-ASK .....	61
Appendix .....	62



# 010-0300 Locking L-Handle

Locking L handles provide simple exterior rotating handle functions for surface mounted applications.

**DESIGNED FOR:**

- General purpose use for off-highway cab doors or storage, compartment and access doors for on or off-highway applications

**FEATURES/BENEFITS:**

- Ample finger clearance
- Easily installed with oval or flat head No. 10 fasteners (not included)
- Locking L-handle assembly provides 360° rotation and locks at 90° increments

**AVAILABLE:**

- Mounting hole patterns and escutcheons (bases) for different finger clearances
- Drive bar lengths, with or without holes or threaded rods
- Keyed CH751 and other key codes
- Drive bar attached to handle by drilling and pinning
- Locking or non-locking:
  - Standard finger clearance (Type 1 and 2)
  - Extended finger clearance (Type 4)
  - Low profile (Type 3)
- 1.50 or 1.75 mounting hole spacing



**FINISH:**

- Handle and escutcheon: copper-nickel chrome plated or black powder coated
- Drive bar: Mill finish

**MATERIAL:**

- Handle and escutcheon: die cast zinc alloy
- Drive bar: Mild steel

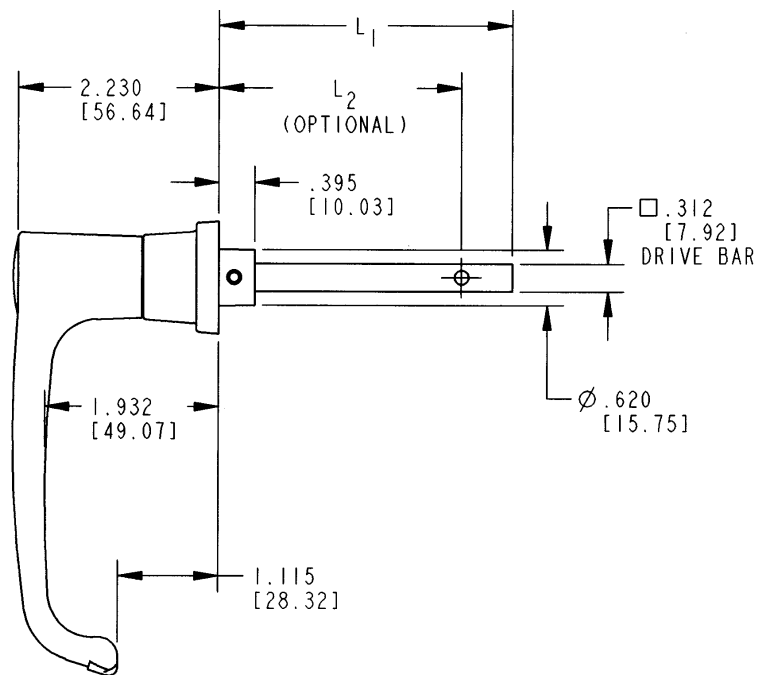
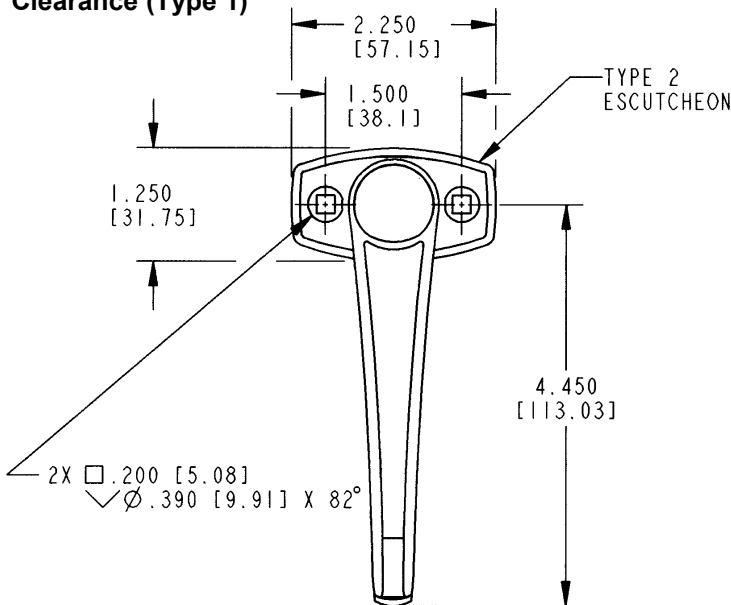
**SPECIFY WHEN ORDERING:**

- Series number
- Escutcheon type
- Drive bar length (L1) and optional hole location (L2)

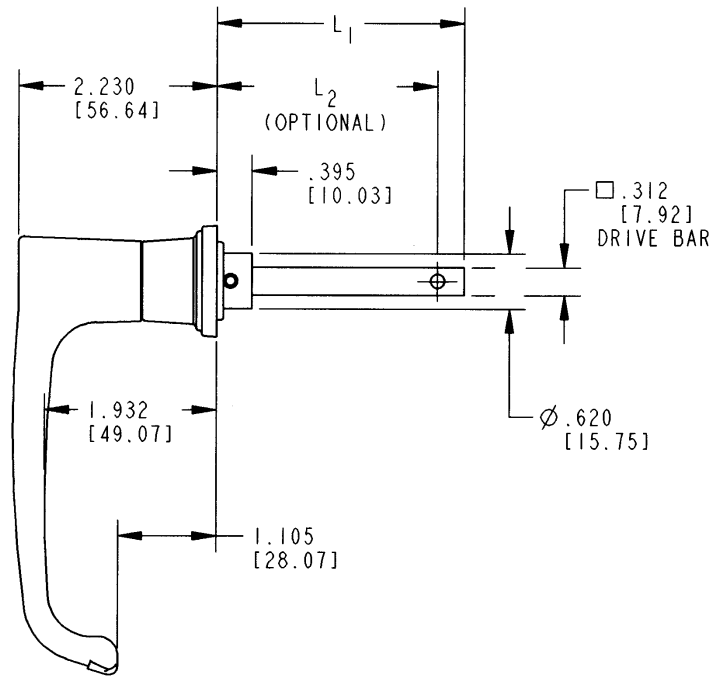
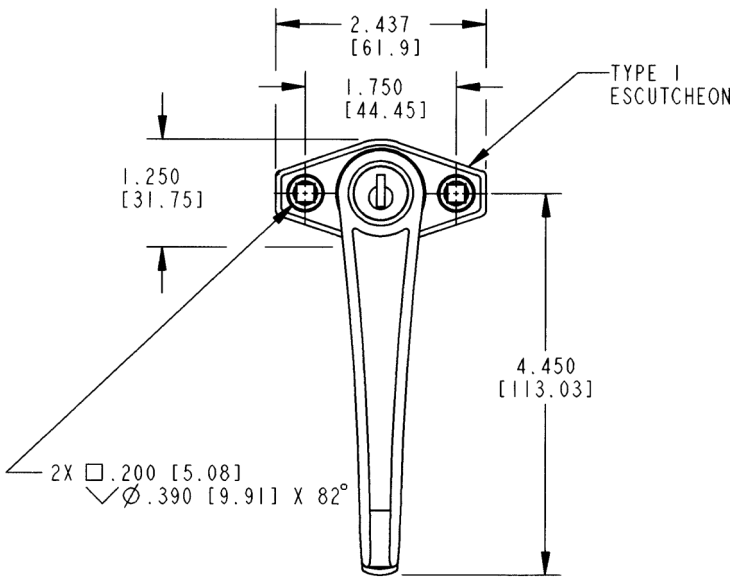
For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)

10-300 Locking L-Handle					
Part #	Type	Finish	Key Code	Mounting Holes	Drive Bar Length
11130-01	Type 4	Low Gloss Black	CH751	1.75"	3.998 Rod/Bar
11130-07	Type 4	Copper-Nickel Chrome	CH751	1.75"	3.872 Rod/Bar
11425-02	Type 4	Copper-Nickel Chrome	Non-locking	1.75"	3.44 Rod
11763-01	Type 2	Copper-Nickel Chrome	CH751	1.50"	No Bar
11763-02	Type 2	Copper-Nickel Chrome	CH751	1.50"	2.934
11763-03	Type 2	Copper-Nickel Chrome	CH751	1.50"	4.00
11763-12	Type 2	Copper-Nickel Chrome	CH751	1.50"	1.49

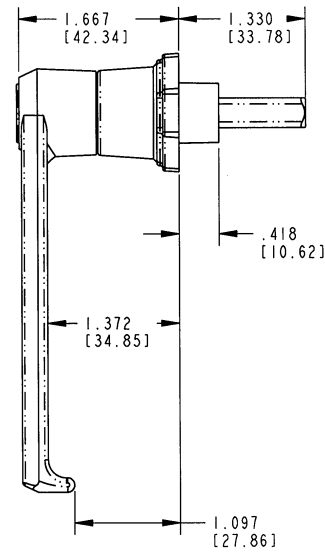
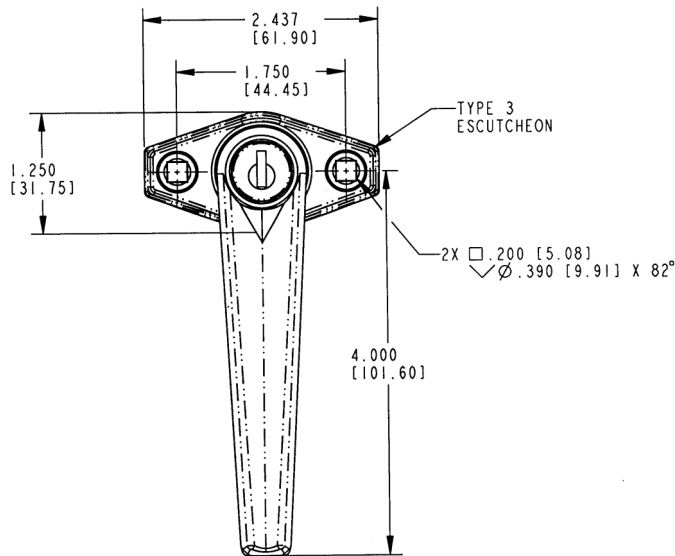
**Standard Finger Clearance (Type 1)**



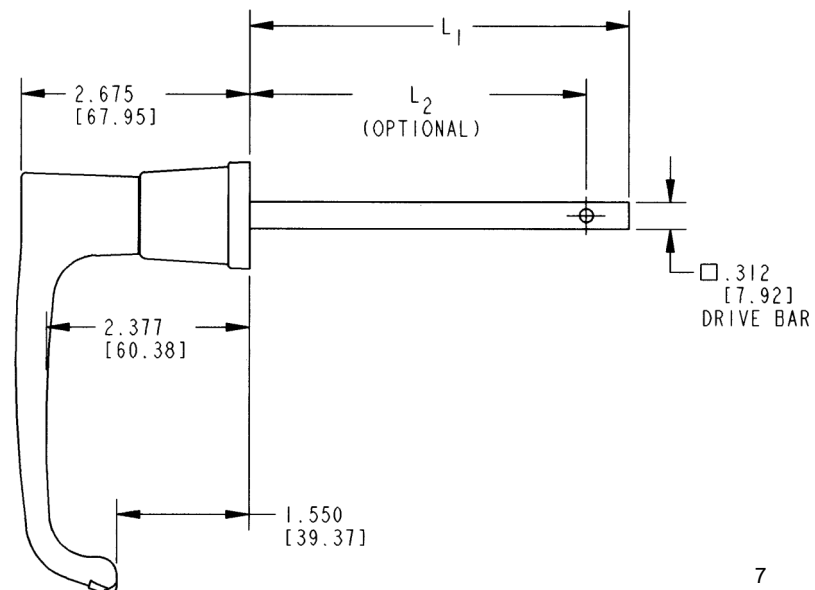
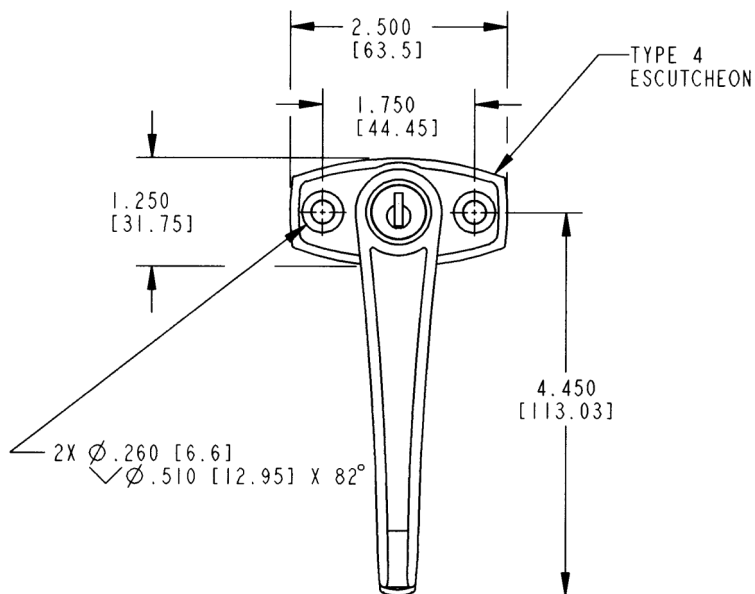
**Standard Finger Clearance (Type 2)**



**Low Profile (Type 3)**



**Extra Finger Clearance (Type 4)**



# 010-0100 Release Lever

Designed for an inside release for the use on L handles, this product offers a simple low cost handle for use on rotating drive bar applications.

**AVAILABLE:**

- With 5/16" square hole at 90 degree or 45 degree orientation

**MATERIAL:**

- Die cast zinc alloy

**FINISH:**

- Mill– unplated
- Copper-Nickel-Chrome plated
- Black powder coated

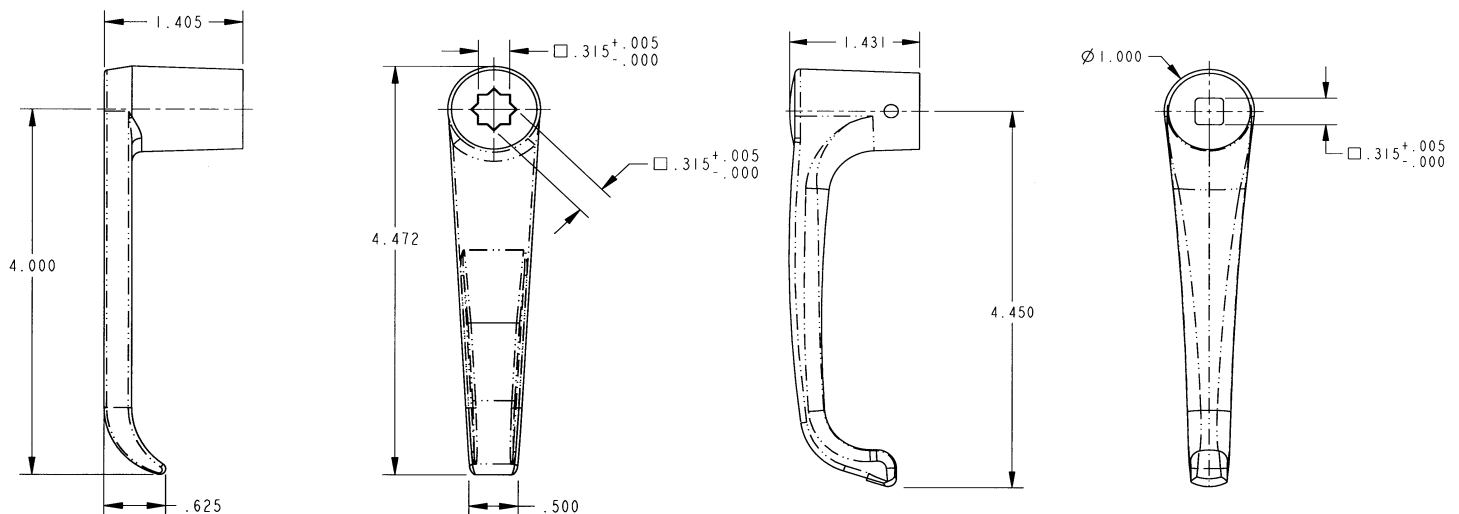
**INSTALLATION:**

- .156" (4.0mm) diameter roll pin (not included)
- 5/16" diameter set screw



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

010-0100 Release Lever		
Part #	Finish	Drive Orientation
10042-05	Copper-Nickel Chrome	45 degree/90 degree
10044-05	Copper-Nickel Chrome	90 degree
10056-12	Medium Gloss Black	45 degree
12045-12	Medium Gloss Black	90 degree





# 010-0600 Flush Mounted Pop-Up T-Handle

This handle was designed for toppers, lift-gate and baggage doors where 1/4 turn cam locking is desired. It features a low profile handle that pops-up when actuated for ease of use and is available in several rotations and drive bar lengths

## FEATURES/BENEFITS:

- Flush mounted - when "T" handle is depressed, rivets and fastener heads are concealed
- Rubber gasket under base provides resistance to water infiltration (sold separately)

## AVAILABLE:

- Key lockable with 50 key codes available or keyed alike. Non-locking version is also available
- 1 or 2-point locking
- 90 degree or 150 degree rotation
- 2.500" (63.5mm) or 3.500" (88.9mm) drive bar lengths
- Clockwise or counterclockwise rotation



## MATERIAL:

- Shuttered keyway: Stainless steel
- All major components: Zinc alloy
- Drive bar: Zinc plated steel
- Internal (2) springs: Stainless steel

## FINISH:

- Black powder coated

## INSTALLATION:

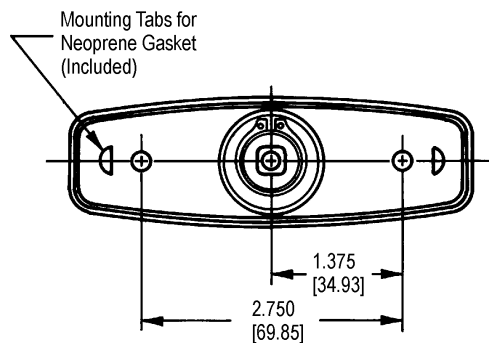
- Easy installation with (2) No. 10 fasteners or rivets
- Recommended door mounting - 1.125" diameter (28.6mm) thru hole

U.S. Patent No. 4,689,976

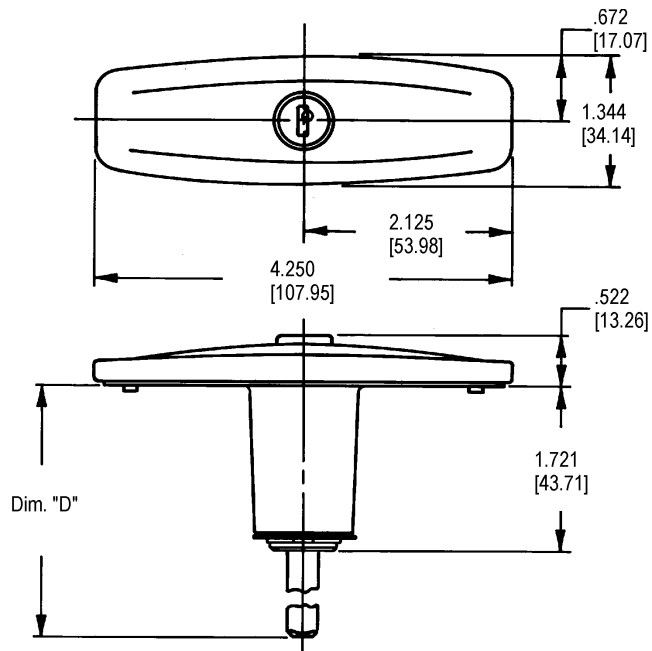


For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

010-0600 Flush Mounted Pop-Up T-Handle					
Part #	Rotation	Degree	Finish	Key Code	Drive Bar Length
11738-04	Clockwise	90°	Low Gloss Black	TM911	2.5" Threaded
11738-05	Clockwise	90°	Low Gloss Black	TM901-951	3.5"
11738-06	Clockwise	90°	Low Gloss Black	TM911	2.5"
11738-37	Clockwise	90°	Low Gloss Black	TM911	3.5"
11739-37	Clockwise	90°	Low Gloss Black	Non-locking	3.5"
12051-37	Counterclockwise	150°	Low Gloss Black	TM901-950	3.5"
12466-06	Counterclockwise	90°	Low Gloss Black	TM911	3.5"
12466-37	Counterclockwise	90°	Low Gloss Black	TM901-950	2.5" Threaded
13147-01 set	Clockwise	90°	Low Gloss Black	TM901-950	3.5"
13946-01	Clockwise	150°	Low Gloss Black	TM901-950	3.5"



DRIVE BAR CHART Dimension "D"
2.500 [63.5]
3.500 [88.9]



# 020-0150 Grab Handle

This stylish entry assist handle for RV coaches, motor homes and travel trailers is available with a lighted acrylic bar for safety and convenience.

## FEATURES/BENEFITS:

- Offers modern styling with premium look and feel
- Rugged and durable construction
- Perfect interior complement for the 540-0200 Lighted Grab Handle With Keypad (e-GRAB)

## AVAILABLE:

- With or without handle rod light
- Handle rod can be personalized with manufacturer's name, model and logo
- Your choice of handle lengths

## INSTALLATION:

- Easy to install with (8) 1/4" or M6 fasteners (not supplied)

## FINISH:

- High quality polished copper-nickel-nickel chrome is durable and stylish

## MATERIAL:

- Sturdy zinc die cast alloy mounting end caps
- Cast acrylic rod in clear finish

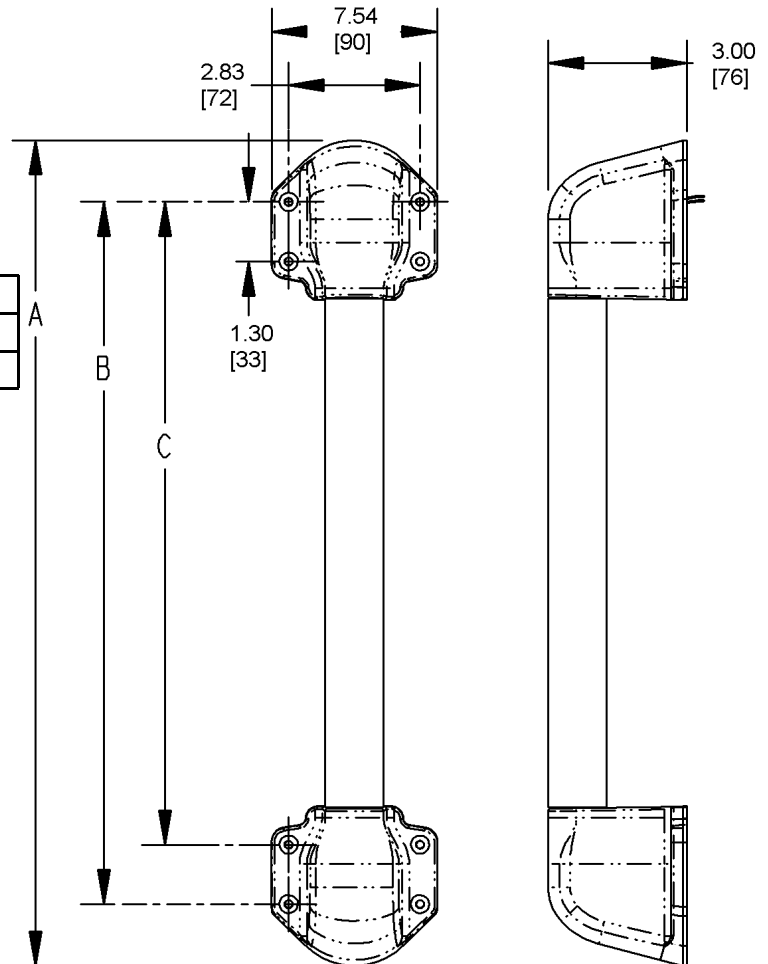
Patents Pending



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

A	458 [18"]	495 [19.5"]
B	390 [15.3"]	427 [16.8"]
C	357 [14.0"]	395 [15.5"]

020-0150 Grab Handle				
Part #	Finish	Rod	Length	LED
22956-01	Copper-Nickel Nickel Chrome	Clear	18" (457.22mm)	Yes
22956-02	Copper-Nickel Nickel Chrome	Clear	18" (457.22mm)	No
22956-03	Copper-Nickel Nickel Chrome	Clear	19.5" (495.3mm)	Yes
22956-04	Copper-Nickel Nickel Chrome	Clear	19.5" (495.3mm)	No



# 020-0700 Flush Pull Handle

This pull handle was specifically designed for compartment and entrance doors for heavy truck, service truck, ambulance, fire/rescue and off-highway vehicles. It offers ergonomic function and styling, is adaptable for power door lock actuation and has a "free-floating" handle when locked.

- Class 7-8 trucks
- Utility bodies
- Ambulance
- Fire/rescue
- Off-highway vehicles (light duty)

## FEATURES:

- Ergonomic function and styling
- Can be keyed to match common ignition locks (not included - please inquire)
- Paddle is "free-floating" when locked and used with appropriate latch/linking with lock logic
- Adaptable for power door lock actuator
- Interior or exterior applications
- Housing flange and internal gaskets provided for resistance to water and dirt infiltration

## AVAILABLE:

- Right and left hand configurations (right hand shown)
- Locking and non-locking



## MATERIAL:

- Housing: Glass reinforced black nylon, brass threaded mounting studs
- Handle: Glass reinforced black nylon
- Pivot plate: Mild steel

## FINISH:

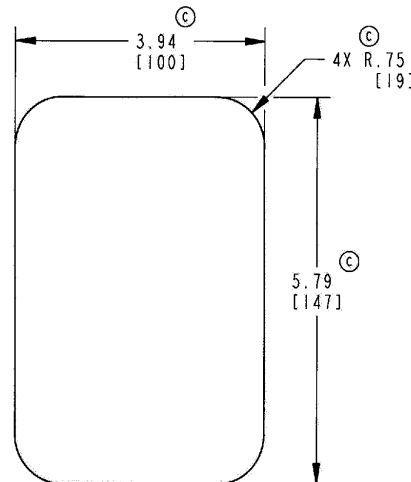
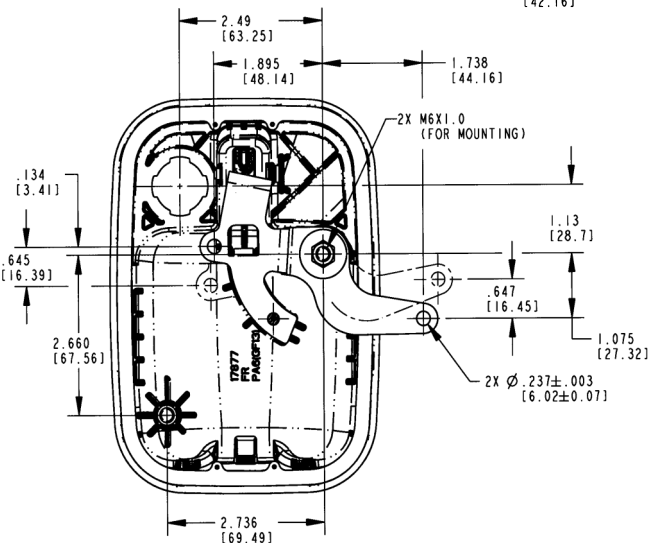
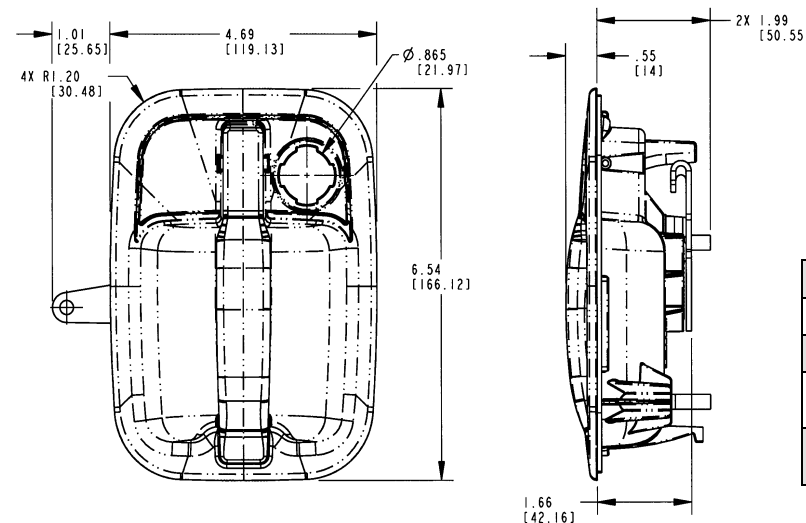
- Black housing, black nylon handle
- Zinc plated clear chromate steel components

## INSTALLATION:

- Easy mounting with (2) M6 nuts
- Recommended mounting fastener torque 30-40 in-lbs (3.3-4.4 N-m)
- Either horizontal or vertical orientation
- Non-handed standard mounting bracket (sold separately)

**NOTE:** Meets FMVSS 206 locking requirements and may be used in FMVSS 206 applications pending TriMark application approval.

**U.S. Patent No. 6,802,544 and 6,805,388**  
**Design Patent No. D489,957**



RECOMMENDED CUTOUT

020-0700 Flush Mounted Pop-Up T-Handle				
Part #	Handing	Finish (Handle)	Locking	Pivot Plate
18609-01	Non-handed	Black (Plastic)	Non-locking	2-Point
10330-35	Right Hand	Black (Plastic)	Locking (lock sold separately)	2-Point
11414-09	Left Hand	Black (Plastic)	Locking (lock sold separately)	2-Point

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 030-0100 Single Rotor Compartment Latch

Designed for most medium to heavy-duty storage and compartment doors, this product features an integrated rotary latch for ease of installation and use.

- On or off-highway vehicle applications--construction, mining, agricultural
- Service and utility truck body doors
- Fire and rescue unit vehicles
- Most storage, compartment and access doors with latch and strike location at top or sides of door
- Door weights of approximately 75 lbs (34 kg) or less

**AVAILABLE:**

- Keyed alike with shuttered keyway, key code LL11
- Keyed random
- Padlockable

**MATERIAL:**

- Housing and paddle: Die cast zinc alloy
- Other components: Zinc plated, mild steel
- Internal latch components: Case hardened, smooth edge stamped steel

**FINISH:**

- Clear chromate, ready to paint
- Buffed copper-nickel-chrome plated
- Buffed duplex nickel



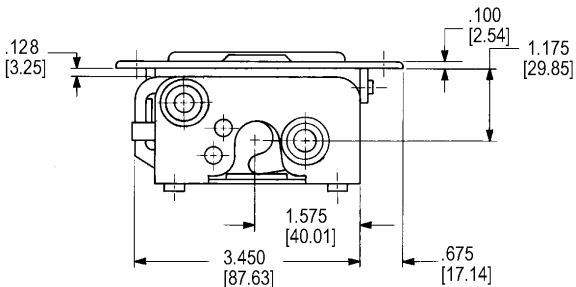
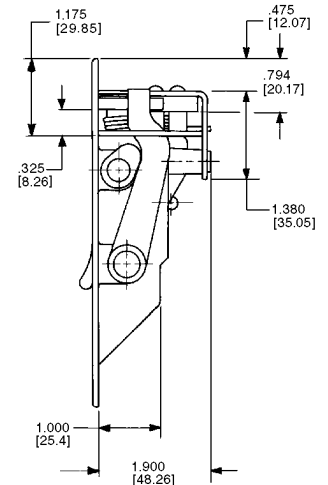
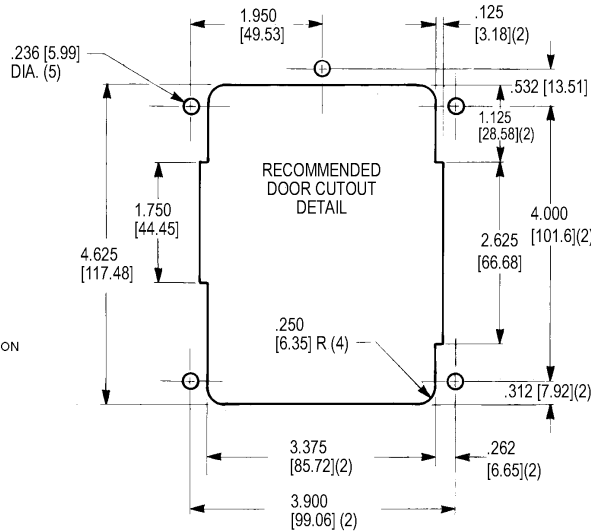
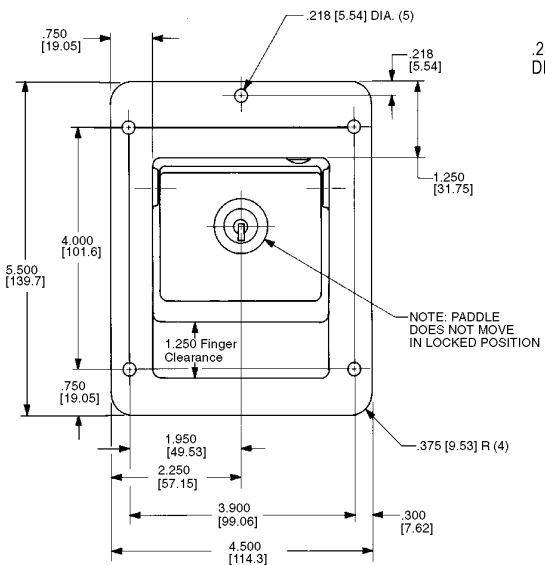
**INTERNAL LUBRICATION:**

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

**INSTALLATION:**

- 3/16" (4mm) diameter fasteners
- See Appendix for Latch and Striker Installation

**CAUTION:** Compartment latch does not meet FMVSS 206 load requirements.



030-0100 Single Rotor Compartment Latch		
Part #	Finish	Key Code
10330-09	Clear Chromate	LL11
10330-35	Copper-Nickel Chrome	LL11
11414-09	Clear Chromate	Padlock

For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)

# 030-0175 Stamped Steel Compartment Latch

This compartment latch was designed for light to medium duty storage and compartment doors. Available in buffed stainless steel or plated mild steel, this product features an integrated rotary latch for ease of installation and use and is available in a power lockable version.



- On or off-highway vehicle applications
- Service and utility truck body doors
- Fire and rescue unit vehicles
- Most storage, compartment and access doors with latch and strike location at top or sides of door
- Door weights of approximately 75 lbs (34 kg) or less

## AVAILABLE:

- In locking or non-locking configurations
- Keyed alike
- Keyed random. 50 keycodes available
- 2-point pivot plate for doors that require a 2-point latching mechanism (030-0185)
- Optional gasket for flange of housing is available to provide resistance to water and dirt infiltration
- Power lock actuation
- Customer logo on paddle (please inquire)

## FINISH:

- Buffed and polished stainless steel
- Zinc plate clear chromate conversion coat over mild steel for maximum paint adhesion and resistance to rust

## MATERIAL:

- Housing and paddle: 300 series stainless steel
- Mild steel also available on housing and paddle
- Other components: Zinc plated, mild steel
- Internal latch components: Case hardened, smooth edge stamped steel
- Stainless steel non-corrosive springs and rivets

## INSTALLATION:

- 3/16" (4mm) diameter fasteners
- Blind mount option also available

## APPLICATION RECOMMENDATIONS:

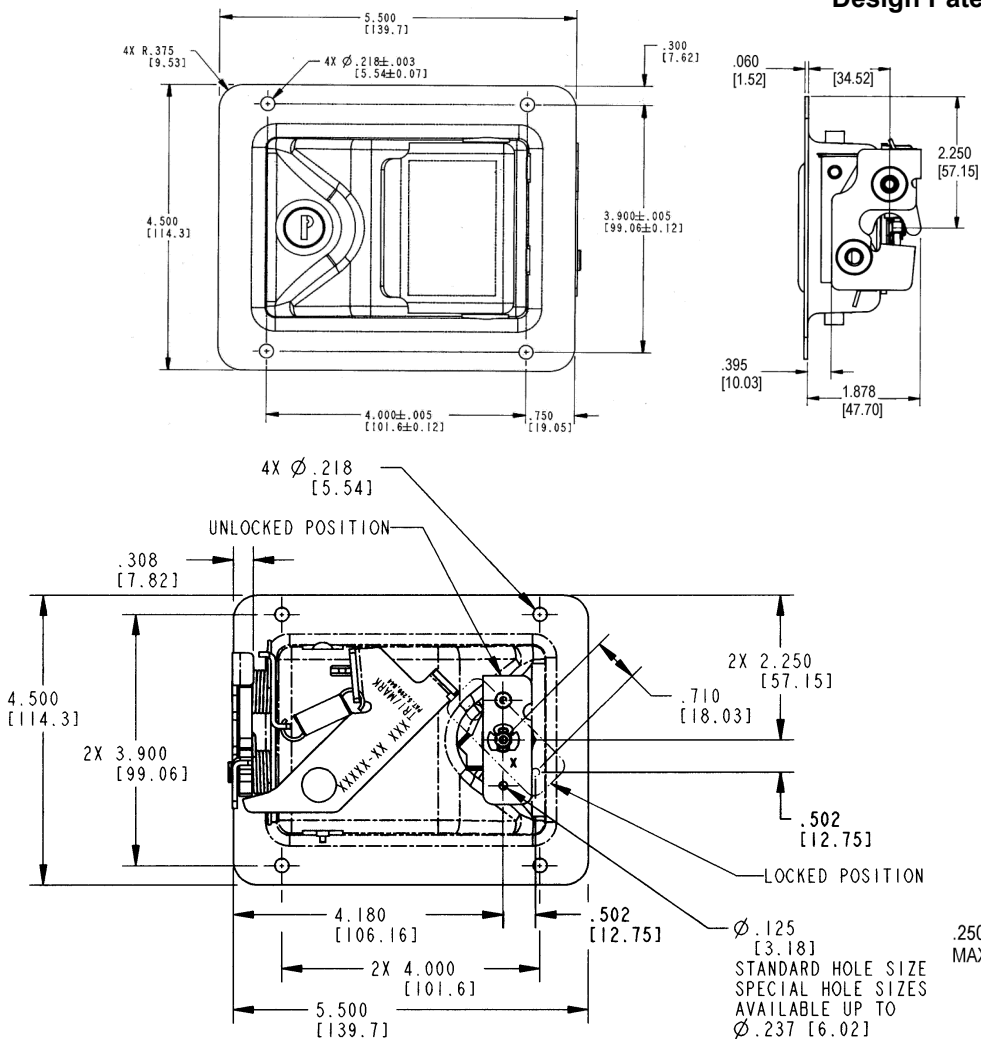
- Striker bolt installation should allow for a minimum radial movement of .060 (1.524) for adjustment
- Rubber bumpers or door seals are recommended to reduce effects of vibration stress on door and latch system

**CAUTION:** Compartment latch does not meet FMVSS 206 load requirements.

**U.S. Patent No. 5,299,844**

**Design Patent No. D369,089**

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



030-0175 Stamped Steel Compartment Latch			
Part #	Finish	Key Code	Cam
16268-02	Buffed Stainless Steel	CH502	Power lock
12937-01	Buffed Stainless Steel	Non-Locking	No Camlock
16268-08	Buffed Stainless Steel	CH508	Camlock
81348-01	Rubber Gasket		
81348-00	Foam Gasket		

# 030-0185 Stamped Steel 2-Point Paddle Handle

**DESIGNED FOR:**

- On or off-highway vehicle applications
- Most storage, compartment and access doors with single or 2-point latch actuation

**AVAILABLE:**

- In locking or non-locking configurations
- Keyed alike
- Keyed random. 50 key codes available
- Optional gasket for flange of housing is available to provide resistance to water and dirt infiltration
- Power lock actuation

**FINISH:**

- Buffed and polished stainless steel
- Zinc plate and clear chromate conversion coat over mild steel for maximum paint adhesion and resistance to rust

**MATERIAL:**

- Housing and paddle: 300 series stainless steel
- Mild steel also available on housing and paddle
- Stainless steel non-corrosive springs and rivets
- Other components: Zinc plated, mild steel

**INSTALLATION:**

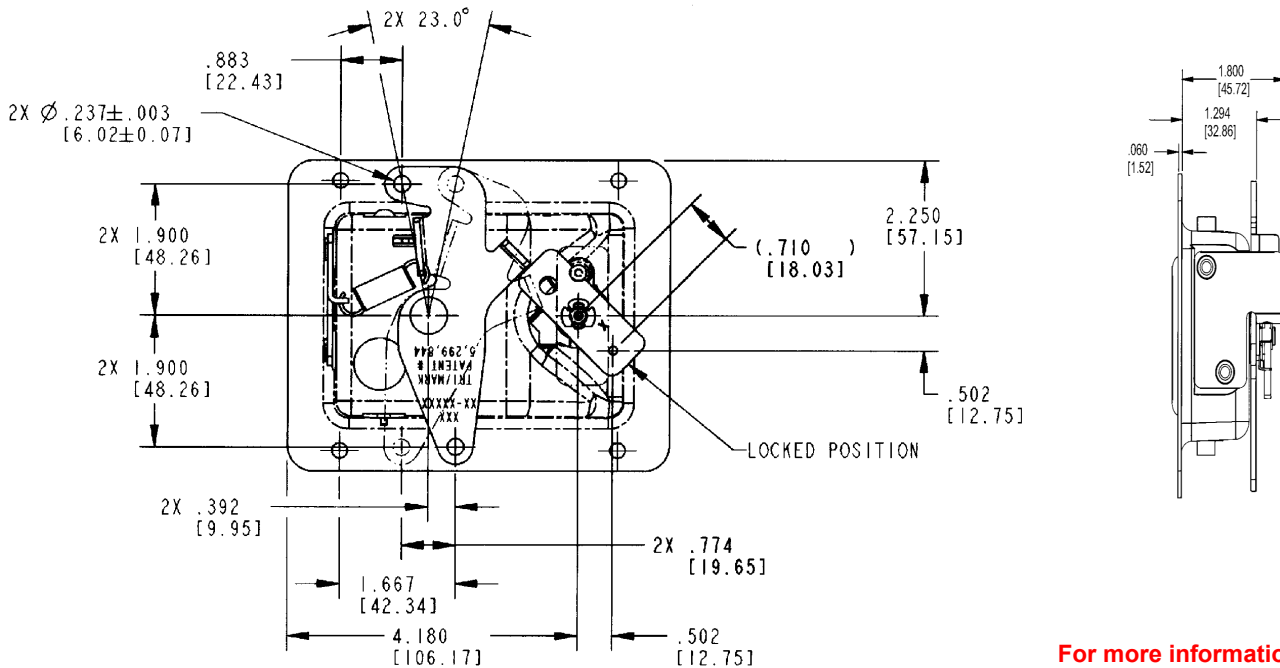
- 3/16" (4mm) diameter fasteners
- Front view and recommended door cut-out detail same as 030-0175 Stamped Steel Compartment Latch
- Blind mount option available

U.S. Patent No. 5,299,844

Design Patent No. D369,089



030-0185 Stamped Steel 2-Point Paddle Handle			
Part #	Finish	Key Code	Actuation
15644-03	Buffed Stainless Steel	Non-Locking	Single Point
16283-01	Buffed Stainless Steel	CH502	2-Point
16283-02	Buffed Stainless Steel	CH508	2-Point
16284-01	Buffed Stainless Steel	CH508	Single Point



For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)

# 030-0300 Entrance Door Hardware Set

This product was designed as a complete entrance door solution for RV motor homes. It features an exterior paddle; inside L handle release, safety deadbolt and an integrated 2 rotor latch for ease of installation and use.

## FEATURES/BENEFITS:

- Inside lock provides override if outside paddle should be locked
- Inside L-handle provides door closure feature
- Manually operated safety dead bolt
- Two rotor - two stage rotary door latch with primary and secondary latching positions

## AVAILABLE:

- Keyed random
- Right or left hand configurations (right hand shown)



## INSTALLATION:

- (3) #10-24 UNC mounting screws (included)
- (4) 1/4-20 UNC mounting fasteners (included)

## MATERIAL:

- Exterior housing and paddle, interior cover plate and L-handle: Die cast zinc alloy
- Rotors: Heat treated, smooth edge stamped steel

## FINISH:

- Copper-nickel chrome plated
- Black powder coated

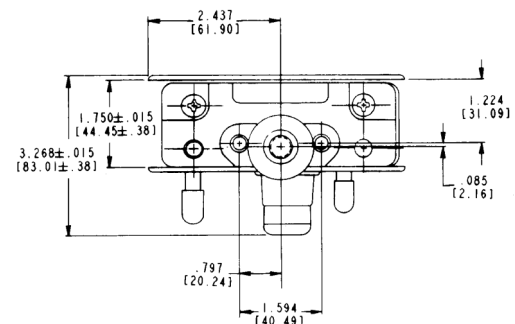
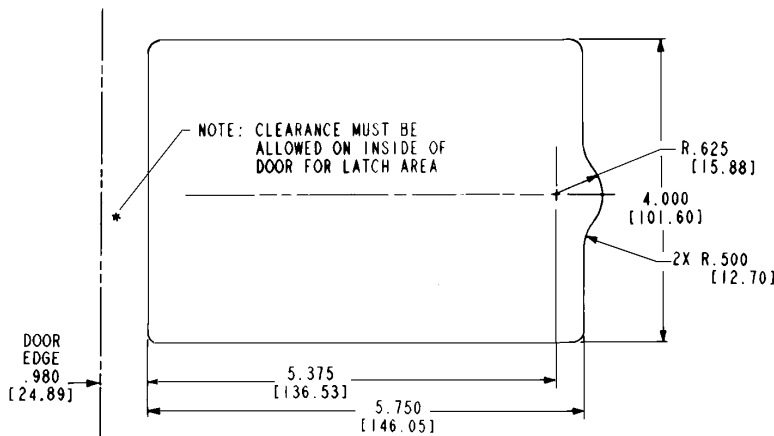
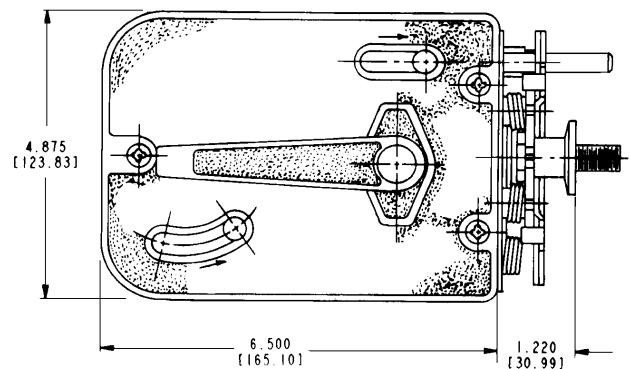
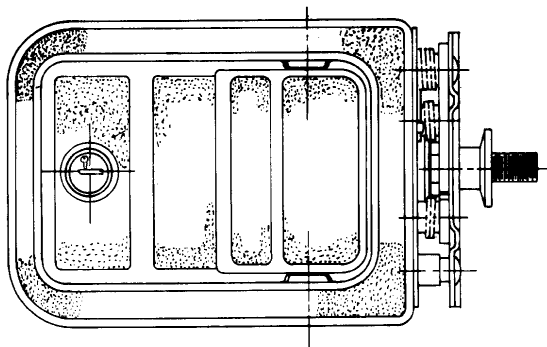
## INTERNAL LUBRICATION:

- Oven-cured dry lubricant is applied at factory on all critical moving parts
- Additional lubrication to be applied in the field if required

**NOTE:** Meets FMVSS 206 load requirements and may be used in FMVSS 206 applications pending TriMark application approval.

030-0300 Entrance Door Hardware Set				
Part #	Handing	Description	Finish	Keying
10362-15	Right	Rotary Latch	N/A	N/A
10363-15	Left	Rotary Latch	N/A	N/A
10611-05	Left	Exterior Paddle	Chrome	RH001-050
10899-05-E	Left	Kit	Chrome	RH001-050
10900-05-E	Right	Kit	Chrome	RH001-050
11021-05	Left	Inside Plate	Chrome	N/A
11022-05	Right	Inside Plate	Chrome	N/A
11883-01	Right	Inside Plate	Black Textured	N/A
11896-01	Right	Exterior Paddle	Black Textured	TM201-250
12039-12	Left	Exterior Paddle	Medium Gloss Black	TM211
20877-01-K	Right	Kit	Black	TA001-TA100

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



# 030-0400 Paddle Handle

This flush mounted paddle was designed for entrance doors for the RV and specialty vehicles. It features remote pivot plate actuation and can be used in FMVSS 206 applications.

## FEATURES/BENEFITS:

- Automotive styling
- Molded rubber gasket for flange of housing
- Flush mount surface

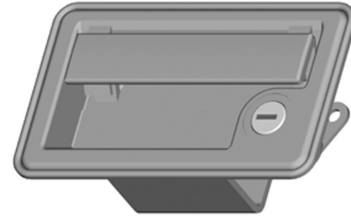
## AVAILABLE:

- Non-locking or locking, keyed alike or differently with up to 50 different key codes
- KeyOne™
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking



## INSTALLATION:

- Either handed version can be installed in a wide range of locations in door—horizontal or vertical orientation
- Single nut mounting with mounting bracket



## FINISH:

- Black powder coated
- Combination black powder coated housing chrome paddle
- All chrome

## MATERIAL:

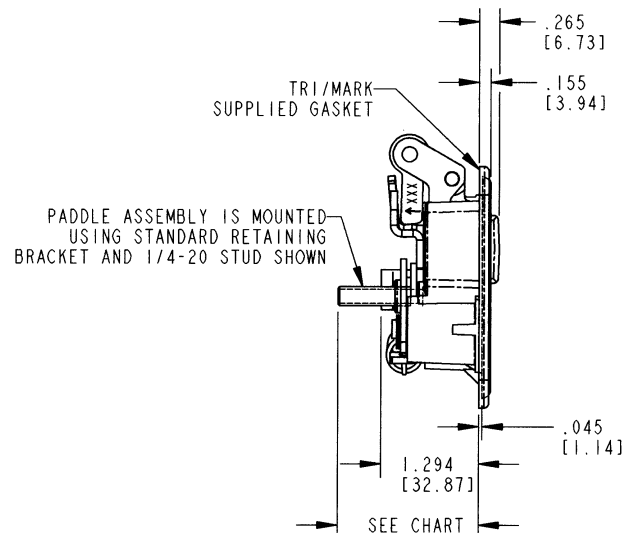
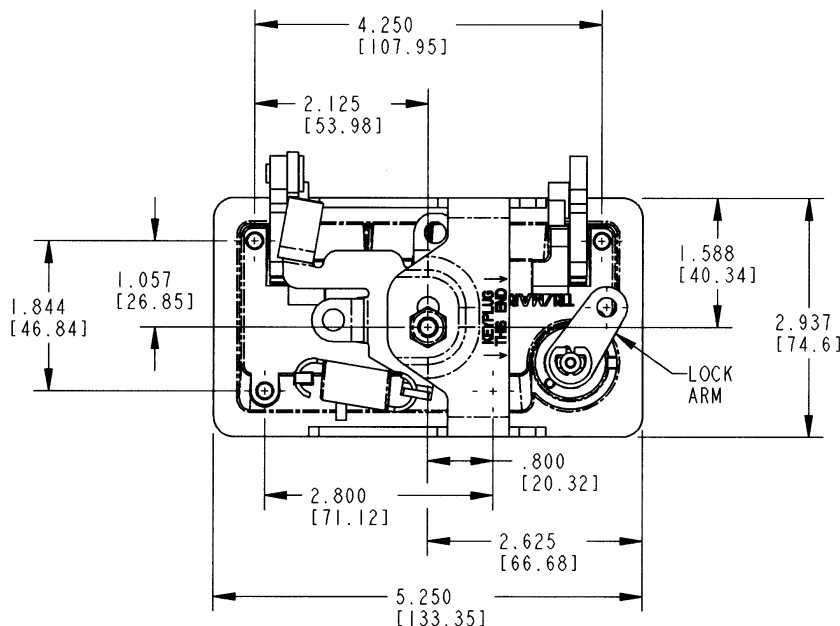
- Sturdy die cast zinc alloy paddle and housing
- Zinc plated clear chromate steel components

**NOTE:** Meets FMVSS 206 locking requirements and may be used in FMVSS 206 applications pending TriMark application approval.

**U.S. Patent No. 5,606,882**

030-0400 Paddle Handle				
Part #	Handing	Finish	Key Code	Mounting Stud
11633-37	Right	Low Gloss Black	TM205-250	Long Stud With Bracket
13438-04	Right	Low Gloss Black	TM205-250	Long Stud With Bracket
13438-05	Right	Copper-Nickel-Chrome	TM211	Short Stud With Bracket
11744-05	Left	Low Gloss Black	TM211	Long Stud With Bracket

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)





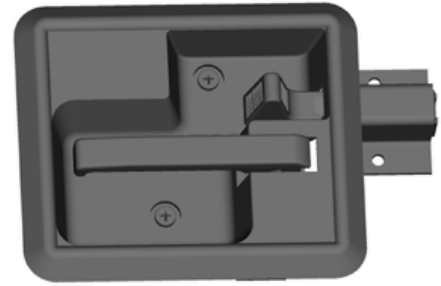
# 030-0425 Inside Bezel & Release Lever Assembly

## DESIGNED FOR:

- Interior release and locking applications
- On or off-highway vehicle applications
- Light to medium duty recommended

## FEATURES/BENEFITS:

- Built-in lock lever for added security
- Remote mounting provides versatility and mobility
- Bezel complies with FMVSS 302



030-0425 Inside Bezel & Release Lever Assembly			
Part #	Handing	Finish (Release/Lock Lever)	Lock Option
11297-01	Left	Textured Black	Manual Lock
11297-35	Left	Copper-Nickel-Chrome	Manual Lock
11297-37	Left	Low Gloss Black	Manual Lock
11298-35	Right	Copper-Nickel-Chrome	Manual Lock
11298-37	Right	Low Gloss Black	Manual Lock
11542	Right		Bezel
12168-35	Right	Copper-Nickel-Chrome	No Lock
12168-37	Right	Low Gloss Black	No Lock
80977	Right	Black	Bezel
80976	Left	Black	Bezel
12167-35	Left	Copper-Nickel-Chrome	No Lock
12167-37	Left	Low Gloss Black	No Lock

## AVAILABLE:

- Cutout for power door lock
- Non-locking bezel also available (vacuum formed)
- Right or left hand configurations

## FINISH:

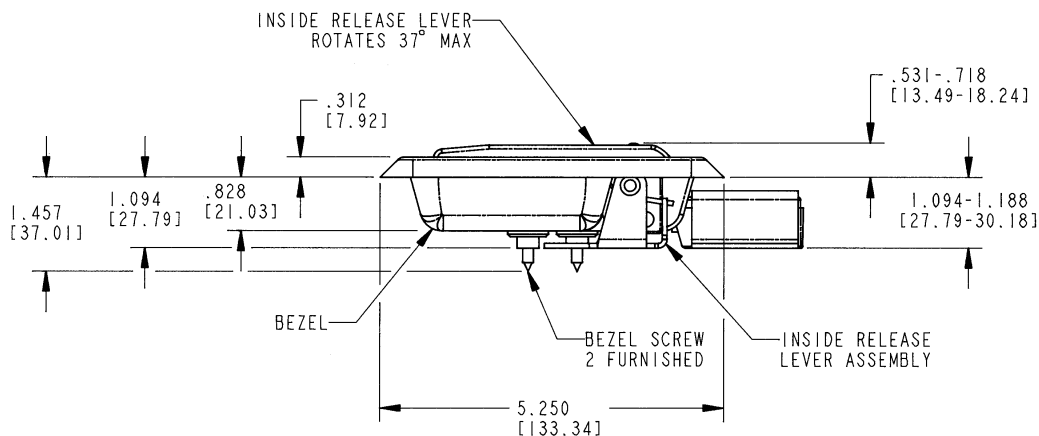
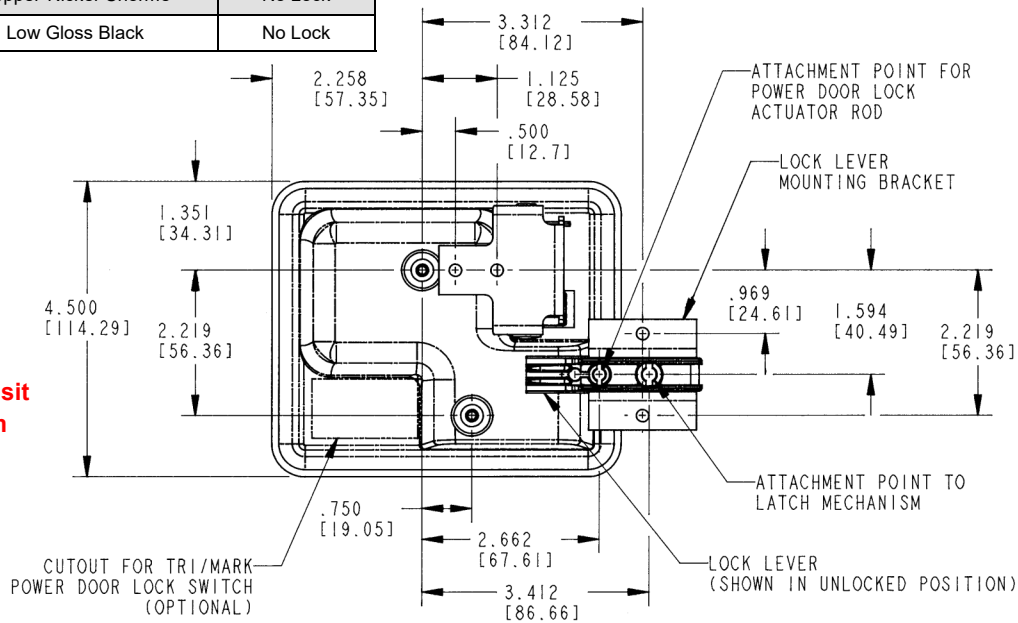
- Nylon injection molded bezel and lock lever with die cast zinc release lever

## INSTALLATION:

- Fasteners supplied for mounting inside bezel

**NOTE:** Meets FMVSS 206 locking requirements and may be used in FMVSS 206 application pending TriMark application approval.

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



# 030-0450 Two-Point Paddle Handle

## DESIGNED FOR:

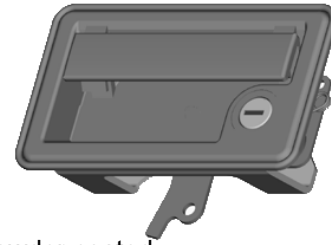
- Compartment doors and entrance doors that require a 2-point latching mechanism

## FEATURES/BENEFITS:

- Molded gasket for flange of housing provides resistance to water infiltration
- Formed tab on pivot plate allows for connection to an inside release (possibly 030-0425 Inside Bezel and Release Lever Assembly)
- Paddle is rigid when locked
- Automotive styling
- Inside lock option allows for use of inside lock (possibly 030-0425 Inside Bezel and Release Lever Assembly) and/or power lock actuation

## AVAILABLE:

- Non-locking or locking, keyed alike or differently, with up to 50 different key codes
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking



## FINISH:

- Black powder coated
- Chrome plated or combination black powder coated housing and chrome plated

## MATERIAL:

- Sturdy zinc die cast alloy paddle and housing

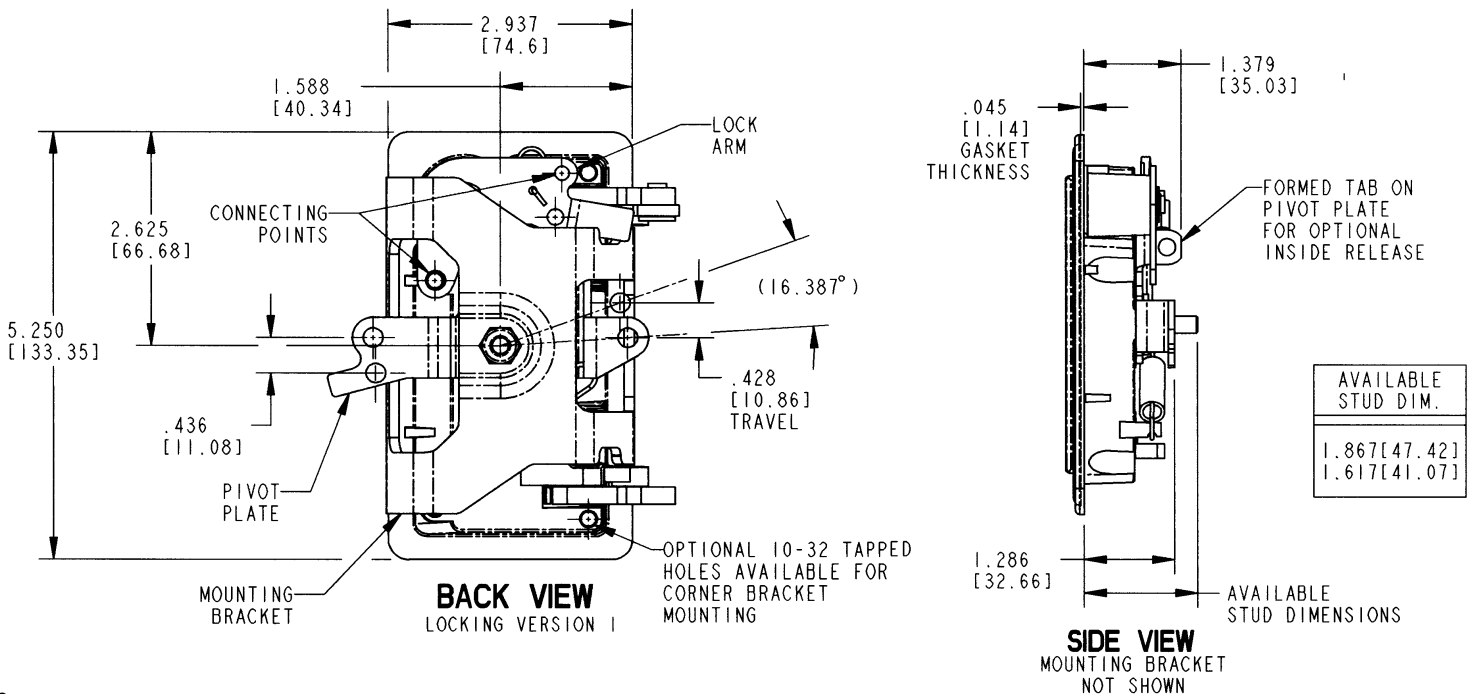
## INSTALLATION:

- Either handed version can be installed in a wide range of location in door - either horizontal or vertical orientation
- Non-handed standard mounting bracket

**NOTE:** Meets FMVSS 206 locking requirements and may be used in FMVSS 206 applications pending TriMark application approval.

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

030-0450 2-Point Paddle Handle				
Part #	Handing	Finish	Key Code	Mounting Stud
11812-37	Right	Low Gloss Black	TM211	Short Stud With Bracket
11813-37	Left	Low Gloss Black	TM211	Short Stud With Bracket
12429-37	Left	Low Gloss Black	TM211	Short Stud With Bracket
12430-04	Right	Copper-Nickel-Nickel-Chrome	TM211	Short Stud With Bracket
12455-37	Right	Low Gloss Black	Non-Locking	Short Stud With Bracket
13525-01	Right	Low Gloss Black	KeyOne	Short Stud With Bracket



# 030-0800 Flush Mounted Paddle Handle

This flush paddle was designed for medium to heavy-duty on-highway vehicle entrance doors and features robust construction and pivot plate versatility.

- Off-highway applications--construction, mining, forestry and agricultural
- On-highway--emergency vehicles not requiring FMVSS 206 standards

## FEATURES/BENEFITS:

- Mounts in doors requiring latch location remote from activating handle
- Can be used with both cutouts shown in drawing

## AVAILABLE:

- In right or left hand configurations (left hand shown)
- Non-locking or locking--keyed alike with shuttered keyway

## INSTALLATION:

- Easily installed with (2) 1/4-20 UNC mounting screws and brackets (supplied)



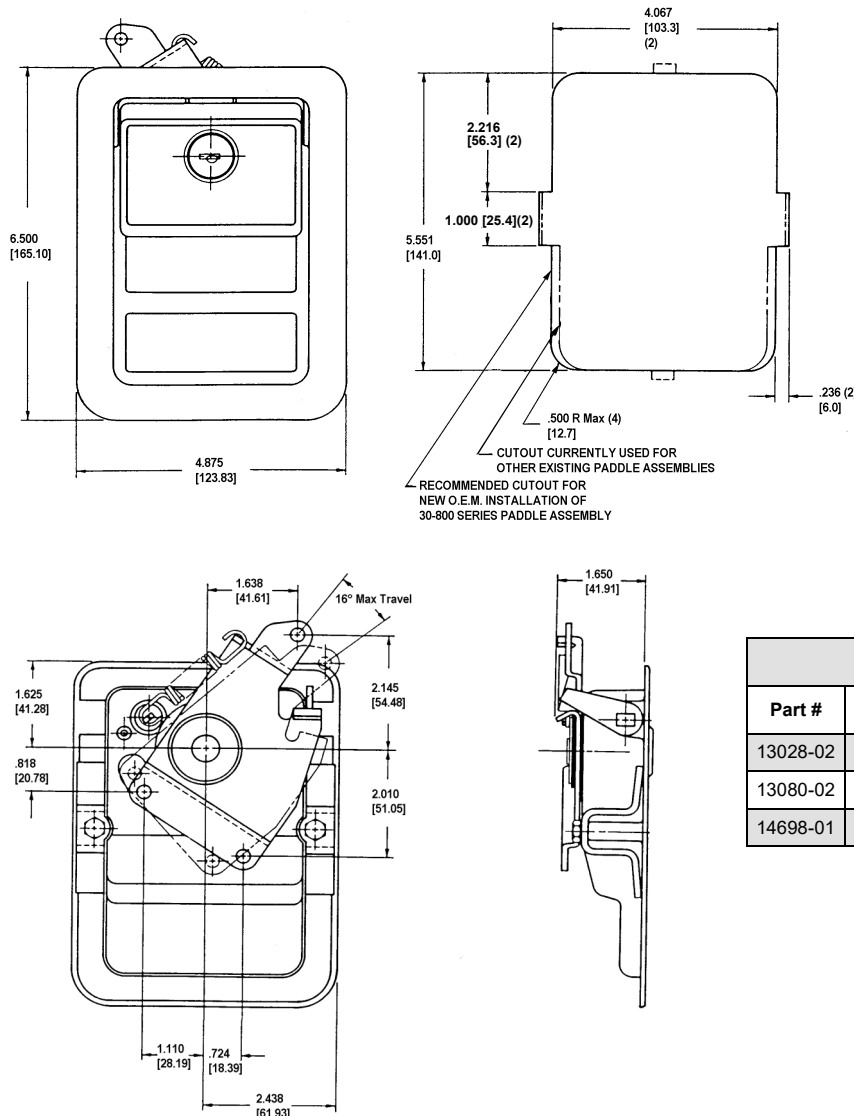
## MATERIAL:

- Housing and paddle: Sturdy die cast zinc alloy
- Pivot components: Zinc plated, mild steel
- Bushing for paddle axle and thrust washers for pivot plate: 6-6 nylon

## FINISH:

- Housing and paddle can be finished in your choice of black powder coat or buffed copper-nickel-chrome

**CAUTION:** Paddle does not meet the locking requirements for FMVSS 206.



For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)

030-0800 Flush Mounted Paddle Handle			
Part #	Handing	Finish (Release/Lock Lever)	Lock Option
13028-02	Right	Copper-Nickel-Chrome	Non-locking
13080-02	Left	Copper-Nickel-Chrome	Non-locking
14698-01	Right	Low Gloss Black	CH751

# 030-0825 Flush Mounted Paddle Handle with Inside Release Lever

This flush paddle was designed for medium to heavy-duty on-highway vehicle entrance doors and features robust construction and an integrated inside release lever that reduces the need for a separate inside release.

- Off-highway applications--construction, mining, forestry and agricultural
- On-highway--emergency vehicles not requiring FMVSS 206 standards

## FEATURES/BENEFITS:

- Mounts in doors requiring latch location remote from activating handle
- Inside release lever eliminates much of the linkage typically required with conventional inside handle
- Operator can exit even if the door is locked from the outside

## AVAILABLE:

- In right or left hand configurations (left hand shown)
- Non-locking or locking--keyed alike with shuttered keyway
- Optional pivot plates available for your particular application

## INSTALLATION:

- Easily installed with two 1/4-20 UNC mounting screws and brackets (screws and brackets are supplied)

## MATERIAL:

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



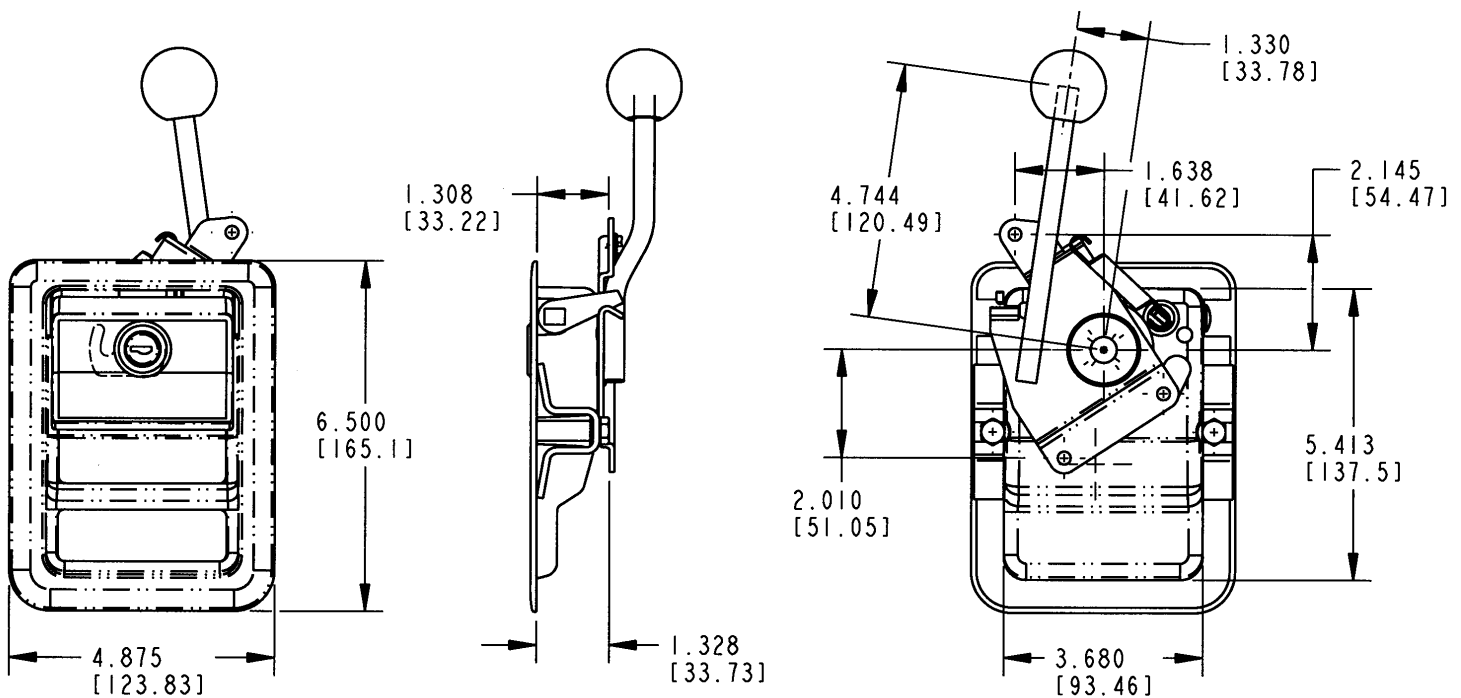
- Housing and paddle: Sturdy die cast zinc alloy
- Pivot components: zinc plated, mild steel
- Bushing for paddle axle and thrust washers for pivot plate: 6-6 nylon

## FINISH:

- Housing and paddle can be finished in your choice of black powder coat or buffed copper-nickel-chrome

**CAUTION:** Paddle does not meet the locking requirements for FMVSS 206.

030-0825 Flush Mounted Paddle Handle with Inside Release			
Part #	Handing	Finish (Release/Lock Lever)	Lock Option
12353-37	Right	Low Gloss Black	3-Point Locking



# 030-0850 Flush Mounted Paddle Handle

This flush paddle was designed for medium to heavy-duty on-highway vehicle entrance doors and features robust construction, a lock detail that allows for power locking and is compliant to FMVSS 206.

## FEATURES/BENEFITS:

- Inside lock provides override if outside paddle should be locked
- Paddle is rigid when locked
- Inside lock provides for multiple connection points for use of inside lock and/or powerlock actuation

## INSTALLATION:

- Either handed version can be installed in a wide range of locations in door - either horizontal or vertical orientation (left hand shown)

## MATERIAL:

- Housing and paddle: Zinc die cast alloy
- Pivot components: Zinc plated, mild steel
- Bushing for paddle axle and thrust washers for pivot plate: 6-6 nylon

## FINISH:

- Black powder coated
- Copper-nickel nickel-chrome plated
- Combination black powder coated housing and chrome paddle



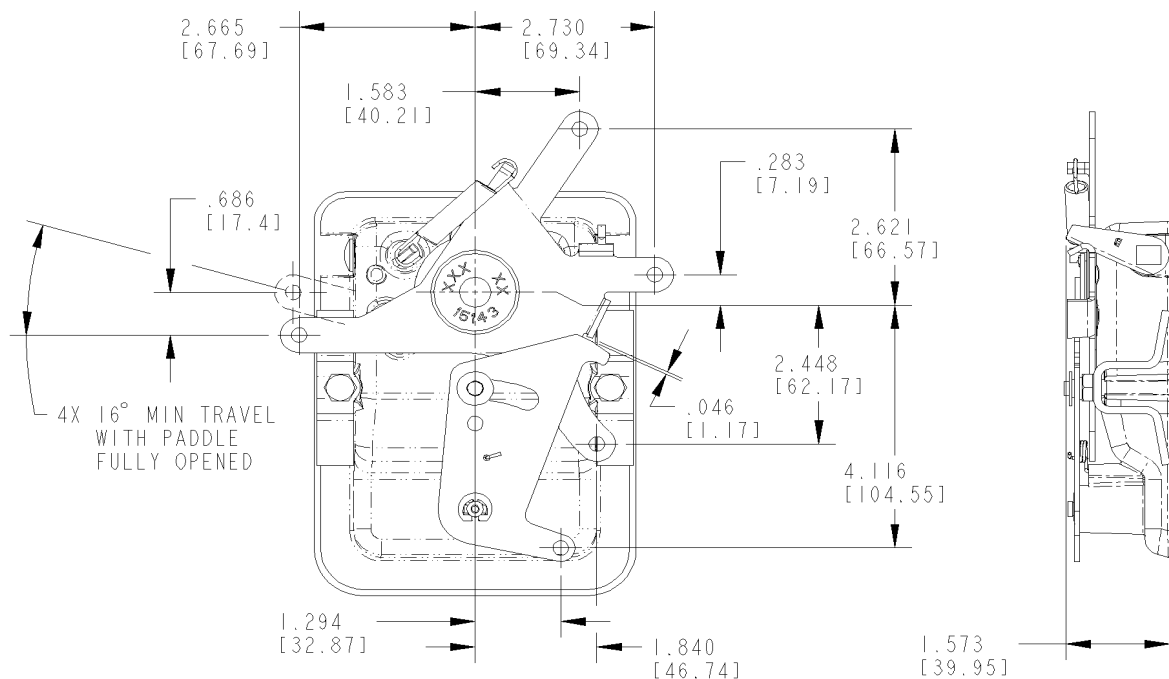
## AVAILABLE:

- Optional gasket for flange of housing is available to provide resistance to water and dirt infiltration
- Keyed random. TM201-TM250
- Keyed alike

**NOTE:** Meets FMVSS 206 locking requirements and may be used in FMVSS 206 applications pending TriMark application approval.

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

030-0850 Flush Mounted Paddle Handle				
Part #	Handing	Finish	Key Code	Mounting Stud
13111-02	Right	Copper-Nickel Chrome	TM202	4-Point
13111-03	Right	Low Gloss Black	TM202	4-Point
13192-01	Right	Copper-Nickel Chrome	TM202	Single-Point
15143-05	Left	Copper-Nickel Chrome	TM202	4-Point
15143-06	Left	Low Gloss Black	TM202	4-Point



# 030-0860 Flush Mounted Paddle Handle with Inside Lock Knob

The 030-0860 Flush Mounted Paddle Handle With Inside Lock Knob incorporates the basic material and concepts used in the 030-0800 Flush Mounted Paddle Handle

**FEATURES/BENEFITS:**

- Inside lock provides override if outside paddle should be locked
- Paddle is rigid when locked

**INSTALLATION:**

- Either handed version can be installed in a wide range of locations in door--either horizontal or vertical orientation (left hand shown)

**MATERIAL:**

- Housing and paddle: Die cast zinc alloy
- Pivot components: Zinc plated, mild steel
- Bushing for paddle axle and thrust washers for pivot plate: 6-6 nylon

**FINISH:**

- Black powder coated
- Chrome plated

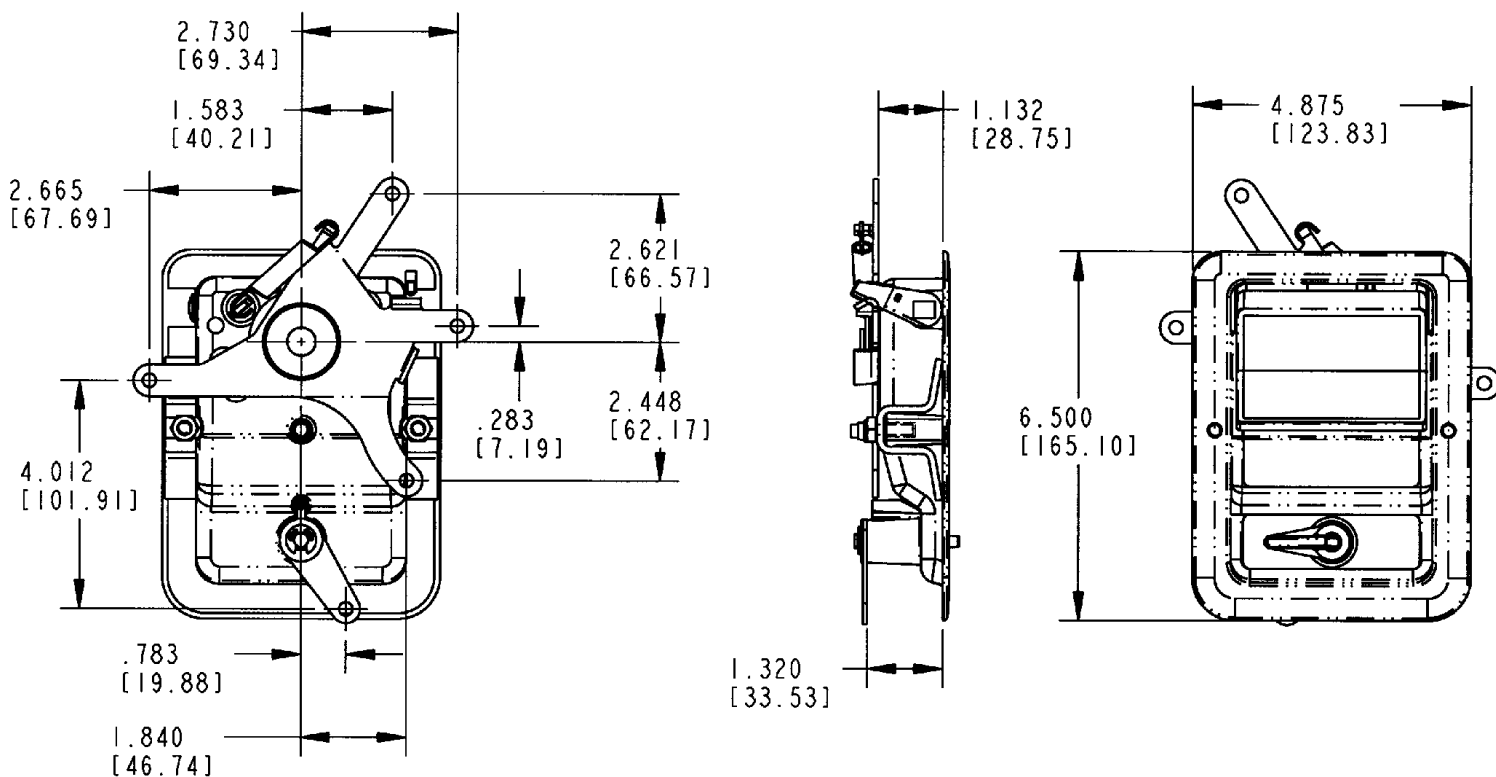


**NOTE:** Complies with FMVSS when used in conjunction with 030-0850 Flush Mounted Paddle Handle and approved latching mechanisms

Meets FMVSS 206 locking requirements and may be used in FMVSS 206 applications pending TriMark application approval.

For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)

030-0860 Flush Mounted Paddle Handle with Inside Lock Knob				
Part #	Handing	Finish	Key Code	Mounting Stud
15294-02	Right	Copper-Nickel Chrome	TM202	4-Point
15449-02	Left	Copper-Nickel Chrome	TM202	4-Point
12765-01	Gasket			
15295-01	Knob			



# 030-0900 Motor Home Entrance Door Hardware With Dead Bolt

Designed for motor home entrance doors, this product provides easy installation with through sandwich mounting. It features a large exterior paddle and an ergonomic "L" inside release and is adaptable for power locking.

- Motor home entrance doors with thickness of 1-1/2" (38.1mm) or 1-15/16" (49.2mm)
- Door seal pressures of 25 lbs (11 kg) or less for ease of function and maximum life (not to exceed 50 lbs [23 kg])
- Right hand applications
- Door weights up to 75 lbs (34 kg)

## FEATURES/BENEFITS:

- Automotive style latch mechanism
- Smooth opening/closing action
- Positive latching
- Paddle can be locked before door is shut
- Paddle is rigid when locked
- Automotive styling
- Comfortable finger access
- Inside handle for easy closing
- Adaptable for power door lock actuator
- Built-in dead bolt eliminates the need for an add-on residential type dead bolt
- Dead bolt locks into the fully extended position for true dead bolt functioning

## AVAILABLE:

- Master keyed passage lock key cylinder
- Non-master keyed dead bolt
- Gasket and #8-32 UNC mounting screws sold separately
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking



## FINISH:

- Black powder coated
- Interior release: Black powder coat, or white

## MATERIAL:

- Housing, inside plates, paddles, and certain lock actuating components: Die cast zinc alloy
- Internal latch components: Heat treated, smooth edge stamped steel
- Springs: Non-corrosive stainless steel
- Case halves: High strength steel

## INSTALLATION:

- #8-32 UNC mounting screws (not included). Recommended torque 13 in/lbs (1.4 N-m)
- Sandwich mount installation does not require any linkage rods

**NOTE:** Meets FMVSS 206 load requirements and may be used in FMVSS 206 applications pending approval.

**U.S. Patent No. 4,736,972 & 5,127,686**

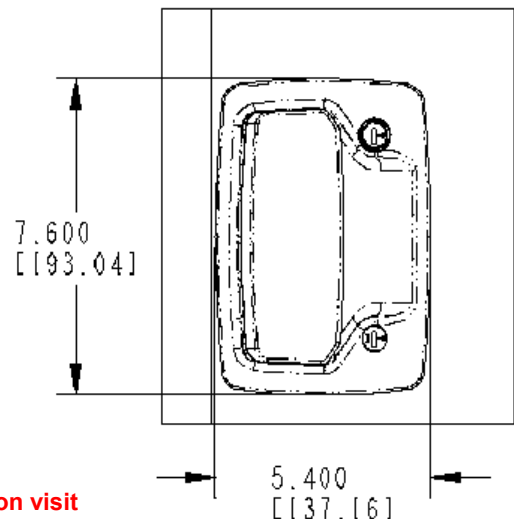
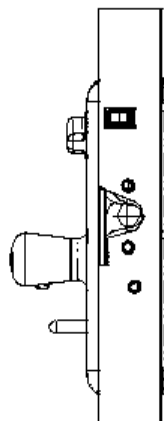
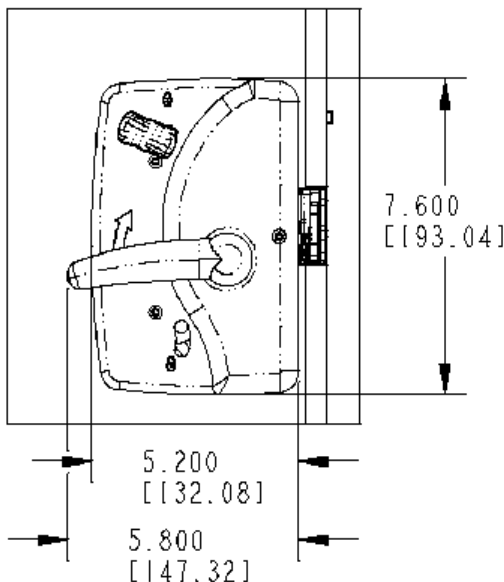
**Canadian Patent No. 2045831**

**Design Patents: D339,049, D339,050, D529,367**

Part numbers have changed over the years. To order the correct interior and or exterior handle, remove the interior latch from the door and look for a 5 digit number either stamped on a steel component that is hooked to a spring or a rivet head.



030-0900 Motor Home Entrance Door Hardware with Dead Bolt				
Part #	Description	Finish	Main Lock Key Code	Dead Bolt Key Code
17217-02	Exterior Paddle	Low Gloss Black	1091-1140	2141-2240
17220-02	Exterior Paddle	Low Gloss Black	KeyOne	2141-2240
21141-05	Interior	Yolk White	N/A	N/A
21396-01	Interior	Colonial White	N/A	N/A
21397-01	Inside Handle	Colonial White	N/A	N/A
22351-01	Exterior	Low Gloss Black	1091-1140	2141-2240
25256-02	Interior	Yolk White	N/A	N/A



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 030-1000 / 030-1050 Motor Home Entrance Door Hardware

Designed for motor home entrance doors, this product provides easy installation with a through sandwich mounting. It features a reliable direct release rotary latch and is compliant to FMVSS 206. The 030-1050 includes a built-in dead bolt for additional security.



- Motor home entrance doors with thickness of 1.390" (35.3mm) to 1.600" (40.6mm). (Different inside plates are required to facilitate range of door thicknesses. Please identify when inquiring.)
- Fifth-wheel trailers, pull-type trailers and slide-in campers

## FEATURES/BENEFITS:

- Paddle can be locked before door is shut
- Paddle is rigid when locked
- Automotive styling
- Comfortable finger access
- Inside assist for easy closing
- Built-in dead bolt eliminates the need for an add-on residential type dead bolt
- Dead bolt locks into the fully extended position for true dead bolt functioning (030-1050)

## AVAILABLE:

- With optional built-in dead bolt (030-1050)
- Master keyed paddle keycylinder. Non-master keyed dead bolt

## FINISH:

- Black powder coated

## INSTALLATION

- #10-24 thread forming mounting fasteners (not included). Recommended torque 40-50 in-lbs
- Supplied with gasket already applied under recess in housing flange for simple, clean installation
- Sandwich mount installation does not require any linkage rods

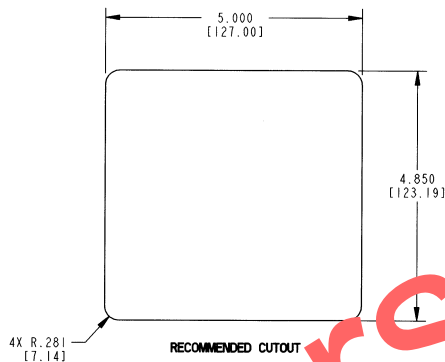
## U.S. Patent No. 4,736,972

**NOTE:** Meets FMVSS 206 load requirements and may be used in FMVSS 206 applications pending TriMark application approval.

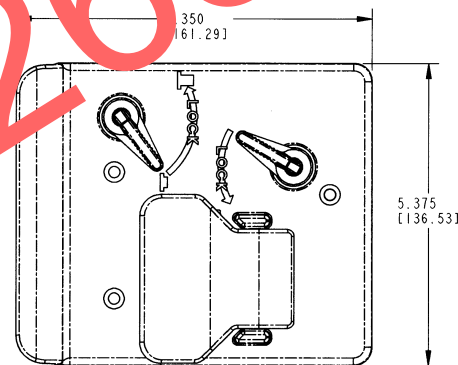
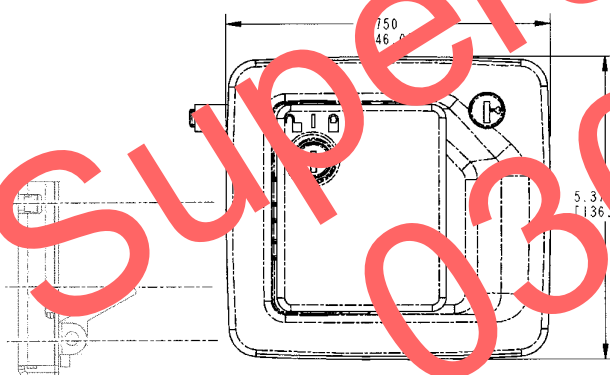


**030-1050 With Dead Bolt Option**

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



030-1000 Motor Home Entrance Door Hardware				
Part #	Description	Key Code	Finish	Door Thickness
12149-37	Inside Release	N/A	Low Gloss Black	1.440-1.520
12486-37	Inside Release	N/A	Low Gloss Black	1.520-1.590
13220-02	Exterior Paddle	TM200-250 MKF	Low Gloss Black	All
030-1050 With Dead Bolt				
12149-37	Inside Release	N/A	Low Gloss Black	1.440-1.520
12486-37	Inside Release	N/A	Low Gloss Black	1.520-1.590
13220-02	Exterior Paddle	TM200-250 MKF	Low Gloss Black	All
12149-03	Exterior Paddle	TM200-250 MKF	Veil Gloss White	All





# 030-1100 Two-Point Paddle Handle

This compartment latch was designed for light to medium duty storage and compartment doors. This non-handed product features a 2-point bellcrank for remote actuation.

- Cross bed tool boxes
- Truck topper and lift gate doors

## FEATURES/BENEFITS:

- Water resistant
- Sleek automotive styling
- Paddle is rigid when locked
- Single point or two-point actuation
- Flush mount -- contoured surface
- Corrosion resistant
- Non-handed design

## AVAILABLE:

- Non-locking or locking with shuttered keyway
- 2-point actuation
- Keyed alike
- Keyed random. 50 key codes -- TM901 -TM950
- KeyOne™
- With rod collars

## FINISH:

- Black powder coated

## MATERIAL:

- Housing and paddle: Die cast zinc alloy
- All steel parts (axles, pivot arm, pivot plate, lock cam): Zinc plate clear chromate for corrosion resistance

## INSTALLATION:

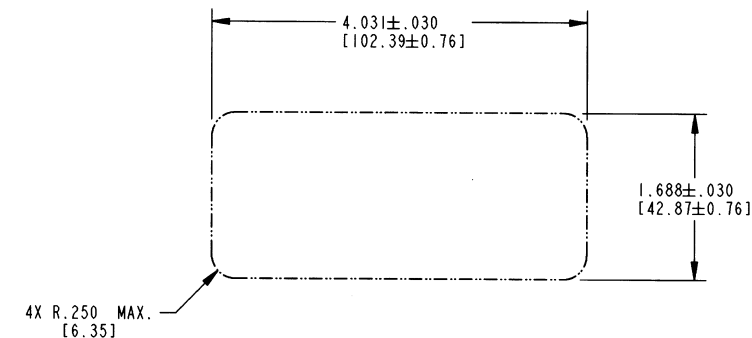
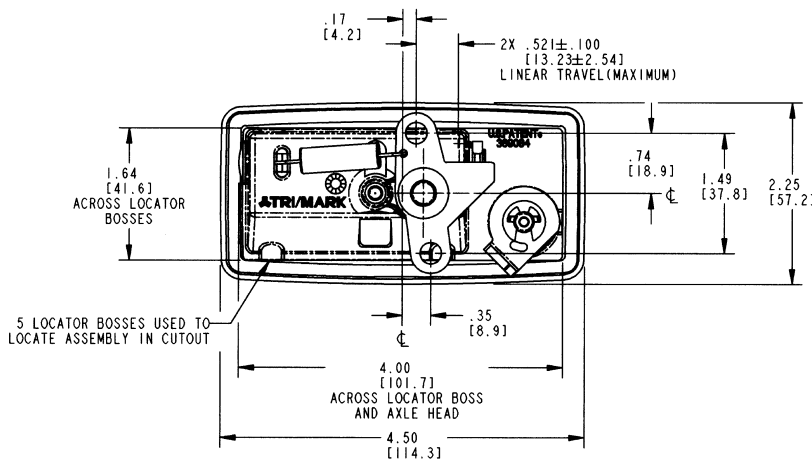
- Supplied with gasket already applied under recess in housing flange for simple, clean installation
- Single point #10-24 UNC mounting fastener
- Optional mounting brackets (sold separately)

Rod collars are not intended or recommended for use in applications that require FMVSS 206 compliance or applications that have heavy or extreme Striker Bolt Loads (> 25 lbs./ 11 kg.) and/or high to extreme usage (> 100,000 door cycles/life).

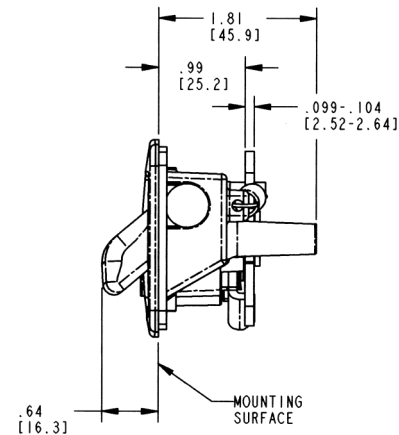
U.S. Patent No. 369,084



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



RECOMMENDED CUTOUT DETAIL



030-1100 2-Point Paddle Handle			
Part #	Finish	Key Code	Rod Collar
12395-02	Low Gloss Black	TM904	No
12395-37	Low Gloss Black	TM901-950	No
13559-01	Low Gloss Black	Non-Locking	No
14061-01	Low Gloss Black	TM904	2 Collars
14061-02	Low Gloss Black	TM901-950	2 Collars
14317-02	Low Gloss Black	Non-Locking	2 Collars

Sold Separately:

- 13980-01 Mounting Bracket
- 14075-15 Key Cylinder- Keyed Random
- 14075-13 Key Cylinder- TM904
- 12903-01 Retaining Ring

# 030-1125 Paddle Handle With Hook

This compartment latch was designed for light to medium duty storage and compartment doors. This non-handed product features a pivoting hook latching design.

- Cross bed tool boxes
- Truck topper and lift gate doors
- Most storage, compartment, and access doors with single or 2-point latch system

## FEATURES/BENEFITS:

- Water resistant
- Sleek automotive styling
- Paddle is rigid when locked
- Shuttered key cylinder
- Keying security
- Flush mount -- contoured surface
- Corrosion resistant
- Slam action -- hook operates independent of paddle

## AVAILABLE:

- Non-locking or locking with shuttered keyway
- Keyed alike or keyed random. 50 key codes -TM901-TM950
- Slam action version
- With rod collars

## FINISH:

- Black powder coated



## MATERIAL:

- Housing and paddle: Die cast zinc alloy
- All steel parts (axles, pivot arm, pivot plate, lock cam): Cold rolled steel with zinc plate clear chromate for corrosion resistance

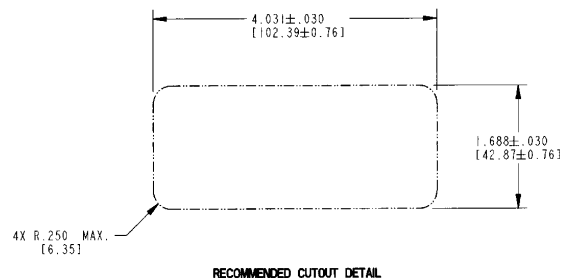
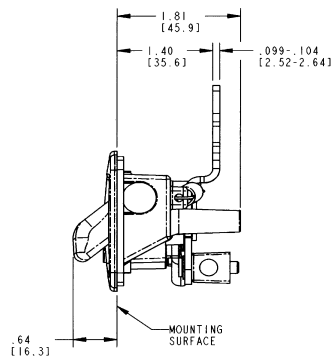
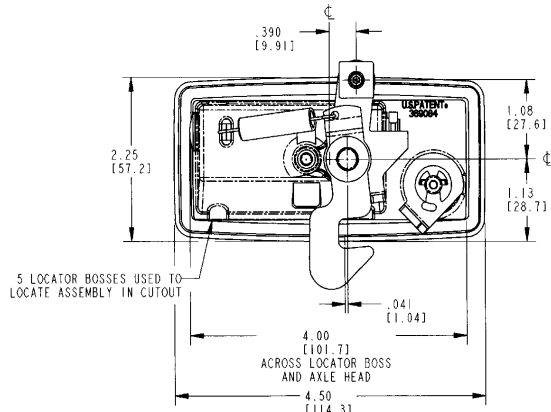
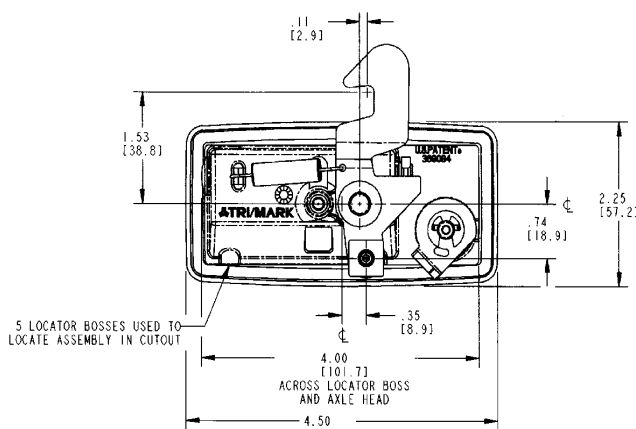
## INSTALLATION:

- Supplied with gasket already applied under recess in housing flange for simple, clean installation
- Blind mounting with one #10-24 UNC mounting fastener
- Optional mounting brackets (please inquire)
- Optional hook designs (13980-01 please inquire)

**NOTE:** Meets FMVSS 206 locking requirements and may be used in FMVSS 206 applications pending TriMark application approval.

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

030-1125 Paddle Handle With Hook				
Part #	Finish	Key Code	Rod Collar	Version
12710-01	Low Gloss Black	TM901-950	Yes (2)	A
12710-02	Low Gloss Black	TM904	Yes (2)	A
12710-03	Low Gloss Black	TM901-950	No	A
13969-01	Low Gloss Black	Non-Locking	Yes (2)	B
13979-01	Low Gloss Black	Non-Locking	Yes (1)	A
13979-02	Low Gloss Black	Non-Locking	No	A



# 030-1400 Paddle Handle

This flush mounted paddle is a redesign of our 030-0400 paddle handle for entrance doors on RV and specialty vehicles. Containing the same proven mechanical details as previous with a modernized look, it can be used in FMVSS 206 applications and features a remote pivot plate and lock cam actuation.

## AVAILABLE:

- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking
- Several pivot plate options are available to suit a wide variety of applications



## MATERIAL:

- Sturdy zinc die cast alloy housing and paddle
- Steel components: Zinc plated, mild steel

## FINISH:

- Standard black powder coated, buffed copper-nickel-nickel-chrome plated or combination black powder coated housing and buffed chrome paddle

## INSTALLATION:

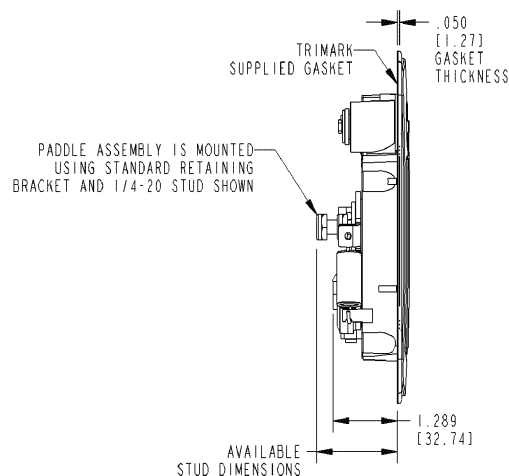
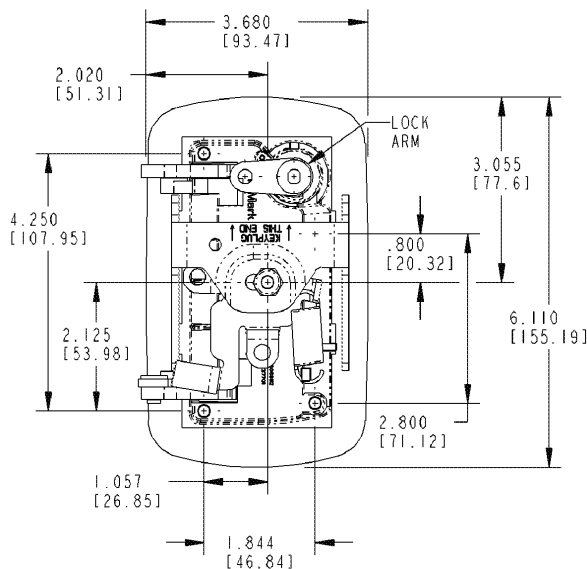
- Handle is easy to install with supplied single 1/4-20 UNC nut and mounting bracket (Mounting torque not to exceed 30 in-lbs [3.39N-m])
- Either handed version can be installed in a wide range of locations in both horizontal or vertical orientations (left hand shown)
- Retrofits with most 030-0400 flush paddle handles

**NOTE:** Meets FMVSS 206 locking requirements and may be used in FMVSS 206 applications pending TriMark application approval.

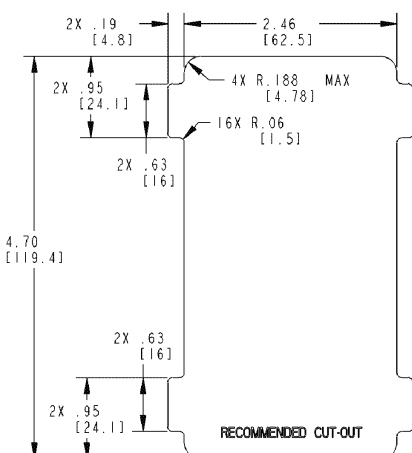
**U.S. Patent No. 5,606,882**  
**Design Patent No. D537,701**

030-1400 Paddle Handle				
Part #	Handing	Finish	Key Code	Mounting Stud
22656-01	Right	Low Gloss Black	1091-1140	1 pt. Long Stud
22659-04	Left	Low Gloss Black	2001	1 pt. Long Stud
22660-04	Right	Low Gloss Black	1091-1140	1 pt. Long Stud
22660-07	Right	Low Gloss Black	2001	1 pt. Long Stud
22665-01	Right	Low Gloss Black	KeyOne	1 pt. Long Stud
22668-02	Right	Low Gloss Black	Non-locking	Short Stud with Bracket

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



AVAILABLE STUD DIM.
1.862 [47.29]
1.612 [40.94]



SCALE 1.000



# 030-1425 Paddle Handle

This redesigned product functions as a remote inside release and features a built-in lock lever and improved zinc die cast bezel for durability and ease of installation. It is also available in non-locking and power locking versions.

- Remote interior release and locking applications for on or off-highway
- Light to medium duty recommended
- Use with TriMark latch/logic mechanisms

## FEATURES/BENEFITS:

- Offers modern automotive styling
- Built-in lock lever for added security
- Remote mounting provides versatility and flexibility



## AVAILABLE:

- Right or left hand configurations (right hand shown)
- Cutout for power door lock
- Non-locking bezel also available
- As a complete assembly or separate components for application flexibility

## MATERIAL:

- Bezel and release lever die cast zinc alloy
- Lock lever -- engineered plastic
- Stamped steel mounting brackets

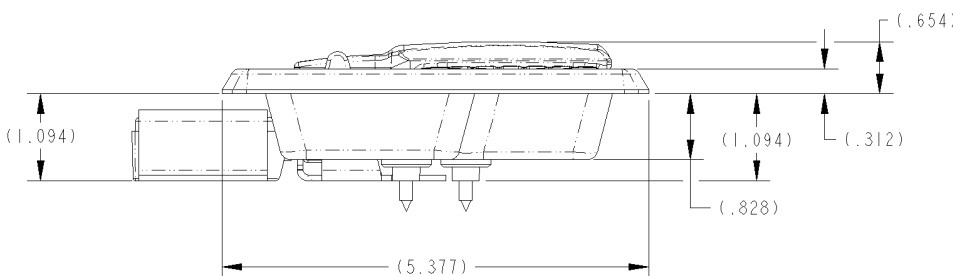
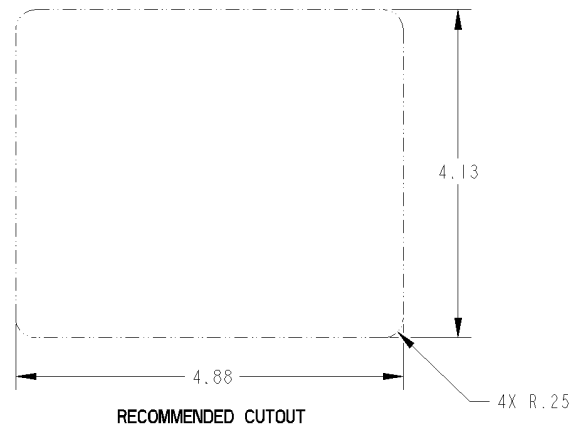
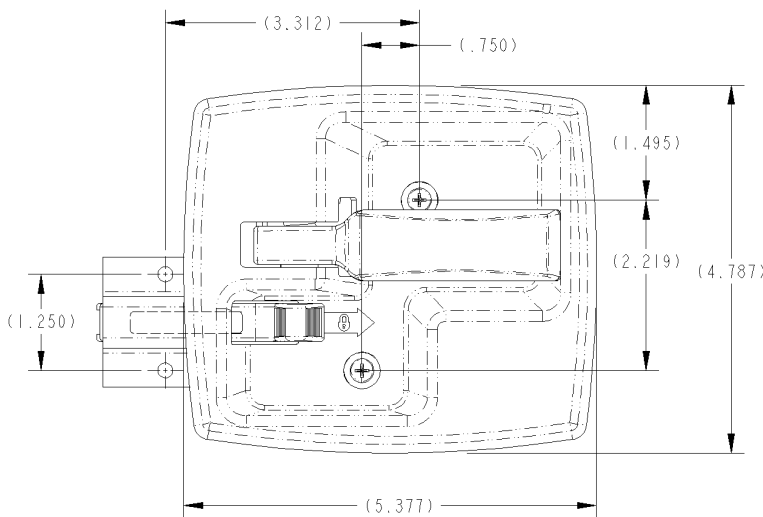
## INSTALLATION:

- Fasteners supplied for mounting inside bezel

**NOTE:** Meets FMVSS 206 load requirements and may be used in FMVSS 206 application pending TriMark application approval.

030-1425 Inside Bezel and Release Lever Assembly				
Part #	Handing	Finish	Key Code	
21430-05	Left	Copper-Nickel Chrome	Manual Lock	Inside Bezel
21430-06	Left	Low Gloss Black	Manual Lock	Inside Bezel
21431-01	Right	Low Gloss Black	Manual Lock	Inside Bezel
21431-08	Right	Copper-Nickel Chrome	Manual Lock	Inside Bezel
23016-01	Right	Copper-Nickel Chrome	Non-locking	Inside Bezel
23016-02	Right	Low Gloss Black	Non-locking	Inside Bezel
21430-02	Left	Low Gloss Black	Manual Lock	Inside Bezel

Patents Pending



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 030-1450 2-Point Paddle Handle

This flush mounted paddle is a redesign of our 030-0450 paddle handle for compartment doors and entrance doors on RV and specialty vehicles. Containing the same proven mechanical details as previous with a modernized look, it can be used in FMVSS 206 applications, is power lockable and features 2-point remote pivot plate and lock cam actuation.



## FEATURES/BENEFITS:

- Offers updated styling
- Paddle is rigid when locked
- Inside lock detail provides for multiple connection points for use of inside lock and/or powerlock actuation
- Molded rubber gasket for flange of housing provides resistance to water and dust infiltration

## AVAILABLE:

- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking
- Several 2-point pivot plate options are available to suit a wide variety of applications



## INSTALLATION:

- Handle is easy to install with single ¼-20 UNC nut and supplied mounting bracket (Mounting torque not to exceed 30 in-lbs [3.39N-m])

- Either handed version can be installed in a wide range of locations in either horizontal or vertical orientations (left hand shown)
- Retrofits with most 030-0450 flush paddle handles

## FINISH:

- Standard black powder coated, buffed copper-nickel-nickel-chrome plated or combination black powder coated housing and buffed chrome paddle

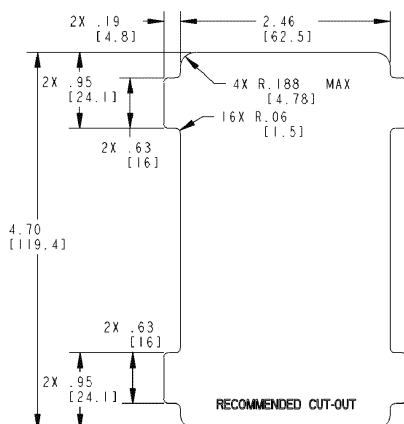
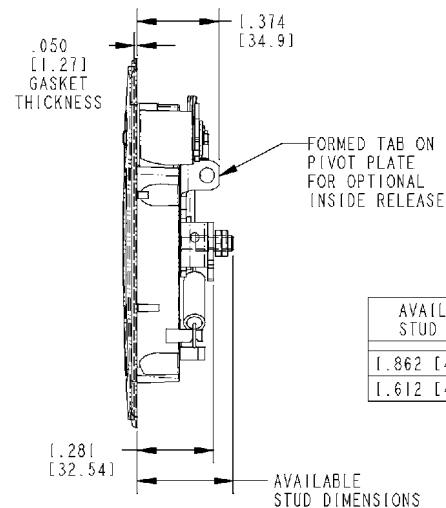
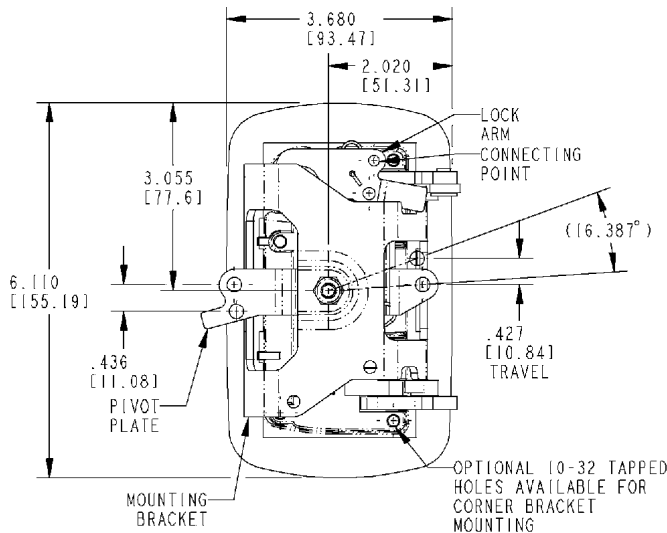
## MATERIAL:

- Sturdy zinc die cast alloy housing and paddle
- Steel components: Zinc plated, mild steel

**NOTE:** Meets FMVSS 206 locking requirements and may be used in FMVSS 206 applications pending TriMark application approval.

**U.S. Patent No. 5,606,882**

**Design Patent No. D537,701**



MOUNTING BRACKET  
NOT SHOWN

030-1450 2-Point Paddle Handle				
Part #	Handing	Finish	Key Code	Mounting Stud
20599-01	Right	Low Gloss Black	1022	2 pt. Short Stud
20599-04	Right	Low Gloss Black	2001	2 pt. Short Stud
22675-01	Left	Copper-Nickel Nickel-Chrome	2001	2 pt. Short Stud
22675-05	Left	Low Gloss Black	2001	2 pt. Short Stud
22676-02	Right	Copper-Nickel Nickel-Chrome	2001	2 pt. Short Stud
22679-07	Right	Low Gloss Black	Non-locking	2 pt. Short Stud
22680-01	Right	Low Gloss Black	KeyOne	2 pt. Short Stud
22676-08	Right	Low Gloss Black and Copper-Nickel Nickel-Chrome Handle	2001	Short Stud with Bracket

# 030-2000 Two-Point Free Float Baggage Lock

Designed for recreational vehicle baggage doors, this product is available in black or copper-nickel-chrome plated finish and features a two-point bellcrank for remote actuation and is power lockable.

- Two-point assembly ideally suited to fit 1.25" (31.8mm) and thicker foam core doors with linkage release efforts up to 7 lbs (3.2 kg) per linkage rod

## FEATURES/BENEFITS:

- Foam gasket on flange of housing provides resistance to water infiltration
- Paddle free-floats when locked
- Modern automotive styling
- Adaptable to powerlock actuation
- Paddle can be locked before door is shut
- Large handle provides comfortable finger access and greater ease of operation (ergonomics)

## AVAILABLE:

- Handle can be keyed to match other TriMark RV door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking
- Linkage rods available for your specific applications
- In right or left hand configurations (right hand shown)



## MATERIAL:

- Sturdy zinc die cast alloy paddle and housing
- All steel parts (axles, pivot arm, pivot plate, lock cam): Cold rolled steel with zinc plate clear chromated for corrosion resistance

## FINISH:

- Supplied black powder coated, this product can easily be painted over to match body colors
- Also available copper-nickel chrome plated

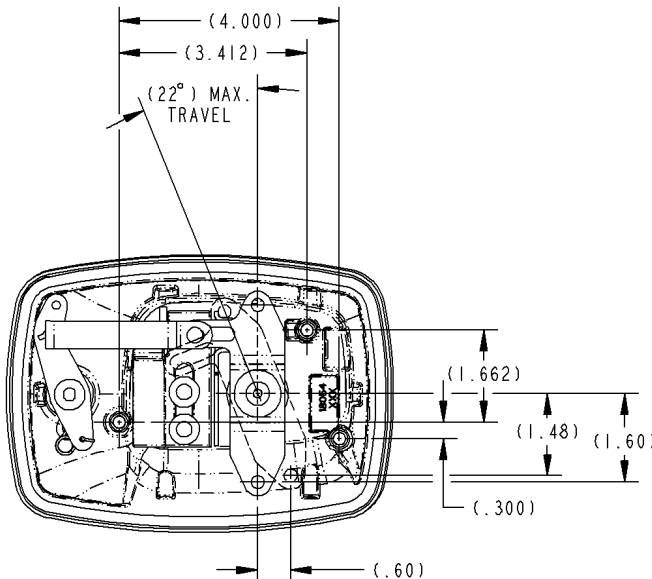
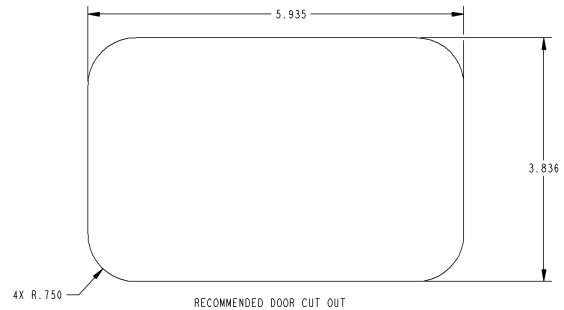
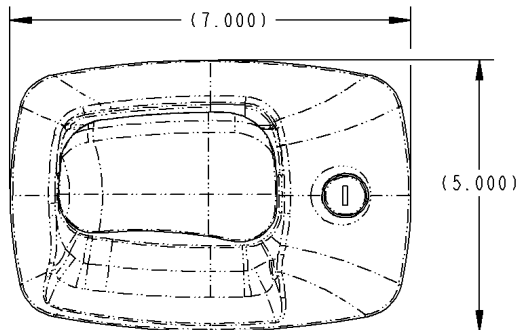
## INSTALLATION:

- Easy drop-in installation
- Supplied with gasket already applied under recess in housing flange for simple, clean installation
- Mounts with (3) 1/4-20 UNC thread forming screws (not supplies)
- Optional mounting bracket and rod designed for easy installation of power actuation
- Either handed version can be installed in a wide range of locations in door — horizontal or vertical orientation

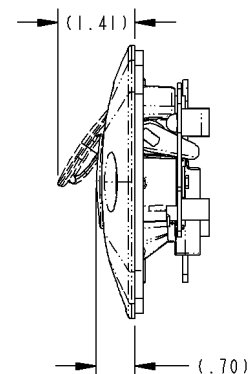
U.S. Patent No. 6,708,537

Design Patent No. D496,576

030-2000 2-Point Free Float Baggage Lock				
Part #	Handing	Finish	Key Code	Actuation
18054-01	Non-Handed	Low Gloss Black	KeyOne Plus	2-Point
18088-01	Non-Handed	Low Gloss Black	Non-Locking	2-Point



For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)



# 040-0400 Push Button Center Control

This handle was designed for toppers, liftgate and baggage doors and features a push button actuation and a 2 point bell crank linkage.

## FEATURES/BENEFITS:

- Push button actuation versus typical twist action
- Durable and weather resistant construction
- Ergonomically shaped finger pull
- Housing flange gasket, push button o-ring and shuttered keyplug for reducing water and dirt infiltration
- Bypass lock mechanism allows push button to free-travel when locked for added security

## AVAILABLE:

- Custom finger pulls (please inquire)
- Optional anti-spin washer
- Keyed random over 50 key codes available
- Without bell crank linkage as stand alone push button

## MATERIAL:

- Housing, push button and mounting nut: Diecast zinc
- Linkage, finger pull and lock cam: Mild steel

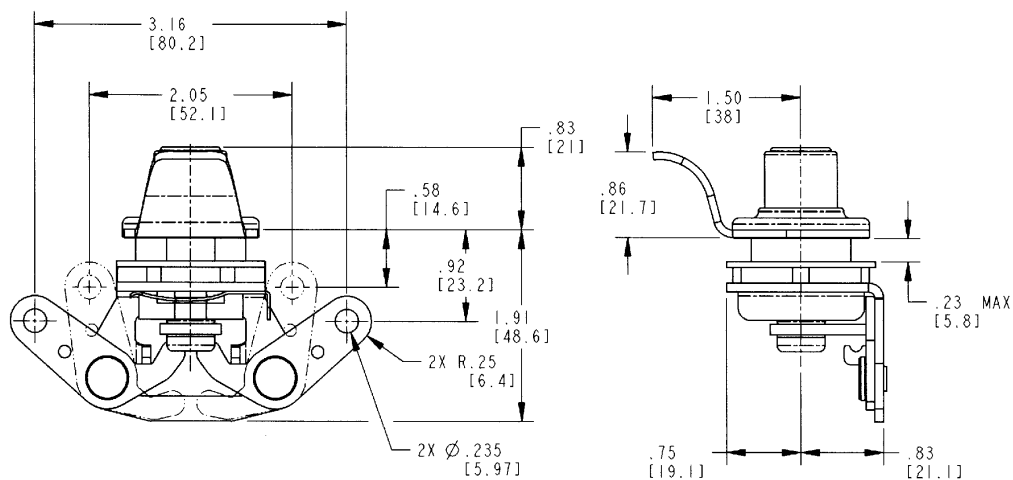
## INSTALLATION:

- 1-1/8" (28.6mm) panel nut to secure escutcheon to the door
- Spring clip to attach linkage to escutcheon

U.S. Patent No. 6,231,091



040-0400 Push Button Center Control			
Part #	Handing	Finish	Key Code
15992-01	Push Button	Low Gloss Black	TRI001-098



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 040-0500 120mm Push Button Handle

This handle was specifically designed for off-highway vehicle application that require a surface mounted exterior push button handle with 120mm mounting pattern. It offers robust construction, ergonomic function and styling for a very cost effective price.

## FEATURES/BENEFITS:

- Frictionless pushbutton seal
- Flow through self-cleaning design
- Readily adaptable to a variety of door thicknesses with an adjustable bolt and nut (option -CC)
- Full gloved hand clearance
- .625 (15.88mm) button travel
- Exterior push button surface mount
- Button locks rigid when locked
- Snap-in retainer side plates allow for alternate color and/or customer branding
- Retrofittable with most European push buttons
- Easy to operate (ergonomics)

## AVAILABLE:

- Can be keyed alike with most single and reversible key systems
- With adjustable bolt
- In locking or non-locking configurations

## MATERIAL:

- Handle: Glass reinforced nylon
- Brass threaded inserts

## INSTALLATION:

- Installed with (3) M6x1 bolts (not included)
- Mounts against glass with only 2 holes
- Recommended mounting fastener torque to be 5.6-6.7 N-m (50-59 lbf-in)

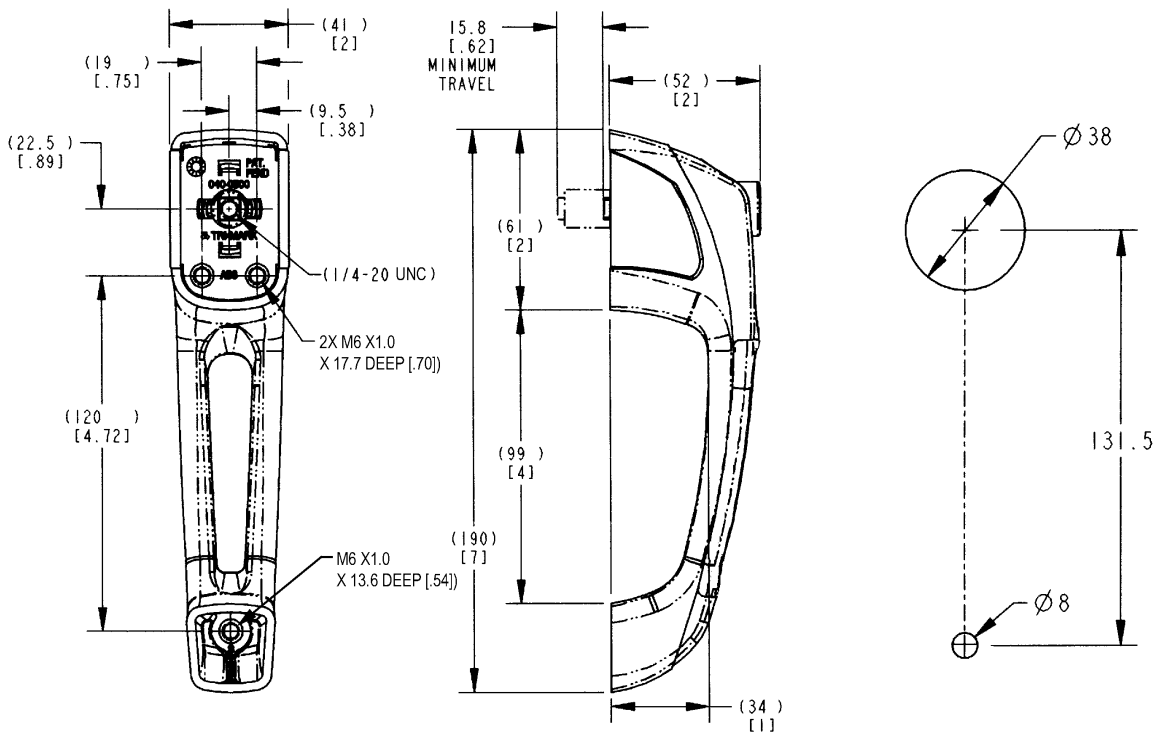
U.S. Patent No. 6,240,751

Design Patent No. D435,779

040-0500 120mm Push Button Handle			
Part #	Handing	Finish	Key Code
18912-03	Non-handed	Gray	CH751
19996-01 gasket			



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)





# 040-0550 163mm Push Button Handle

## DESIGNED FOR:

- On or off-highway vehicle applications
- Push button handles requiring 163mm mounting

## FEATURES/BENEFITS:

- Frictionless push button seal
- Flow through self-cleaning design
- Readily adaptable to a variety of door thicknesses with an adjustable bolt and nut (option -CC)
- Full gloved hand clearance
- .625 (15.88mm) button travel
- Exterior push button surface mount
- Button locks rigid when locked
- Snap-in retainer side plates allow for alternate color and/or customer branding
- Easy to operate (ergonomics)

## AVAILABLE:

- Can be keyed alike with most single and reversible key systems
- With adjustable bolt
- In locking or non-locking configurations

## INSTALLATION:

- Installed with (2) M8 x1.25 bolts (not included)
- Mounts against glass with only 2 holes
- Recommended mounting fastener torque to be 6.7-7.9 N-m (59-70 lbf-in)

## MATERIAL:

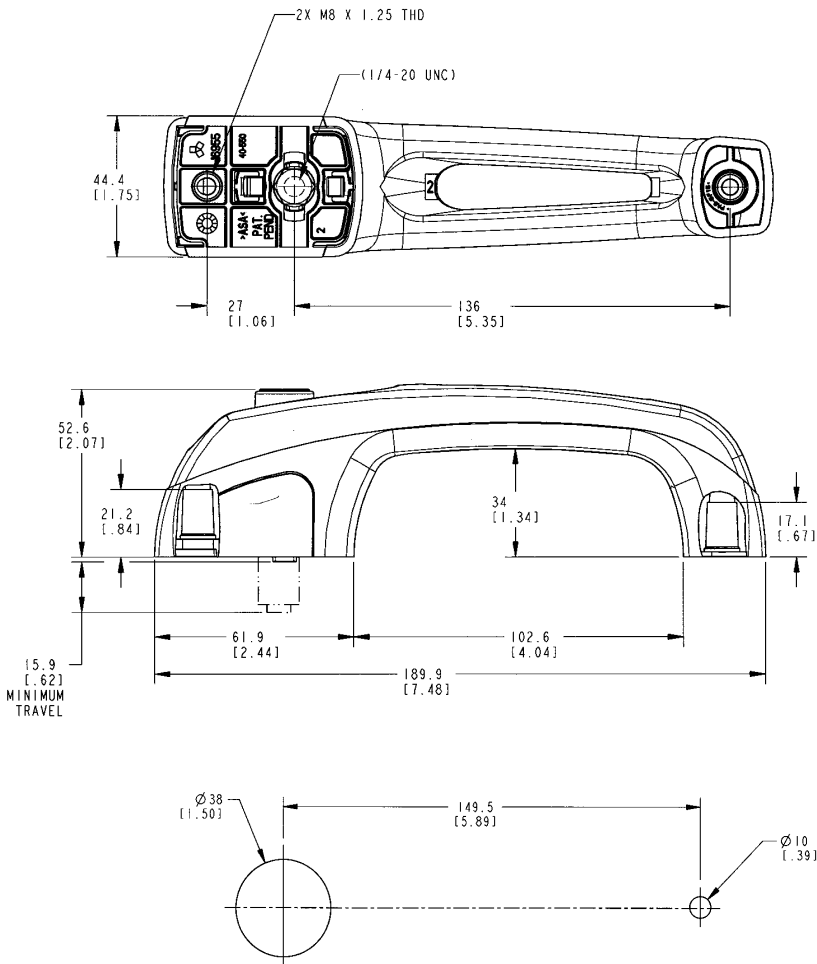
- Handle: Glass reinforced nylon
- Brass threaded inserts

U.S. Patent No. 6,240,751

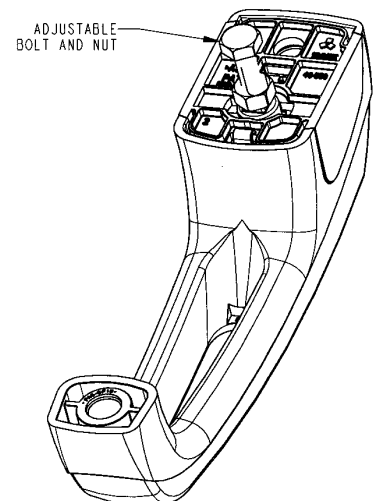
Design Patent Nos. D435,779 & D461,391



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



040-0550 163mm Push Button Handle			
Part #	Handing	Finish	Key Code
18914-02	Non-handed	Gray	TA183
18914-03	Non-handed	Gray	CH751
18915-01	Non-handed	Gray	TA001-010
18915-02	Non-handed	Gray	TA183
18916-01	Non-handed	Gray	Non-locking



# 040-0600 TriMount Push Button Handle

The 040-0600 TriMount Push Button Handle was specifically designed for off-highway vehicle applications that require a surface mounted exterior push button handle with 120mm or 163mm mounting pattern. It is retrofittable with most European push button handles and offers robust construction, ergonomic function and styling for a very cost effective price.

## FEATURES/BENEFITS:

- Retrofittable with most European push button handles
- Universal mounting is available in 3 different mounting configurations: 2 bolt 120mm, 3 bolt 120mm and 2 bolt 163mm mounting
- Frictionless push button seal
- Readily adaptable to a variety of door thickness with an adjustable bolt and nut
- Full gloved hand clearance
- 15.88mm (.625) button travel
- Easy to operate (ergonomics)

## MATERIAL:

- Handle: Glass reinforced nylon
- Brass threaded inserts



## AVAILABLE:

- Can be keyed alike with most single and reversible key systems or non-locking configurations
- Locked rigid or free-floating versions
- With bezels or gasket sets to facilitate mounting and provide resistance to water and dirt infiltration (sold separately)

## INSTALLATION:

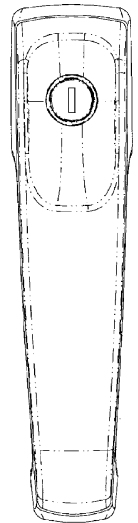
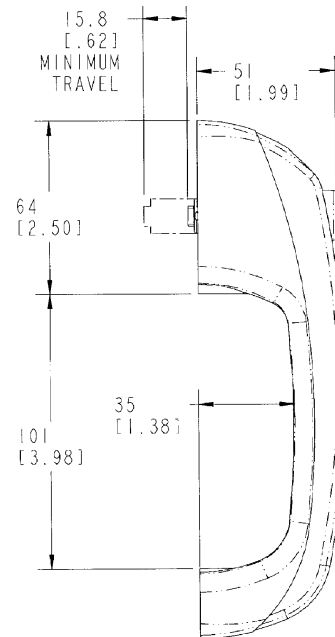
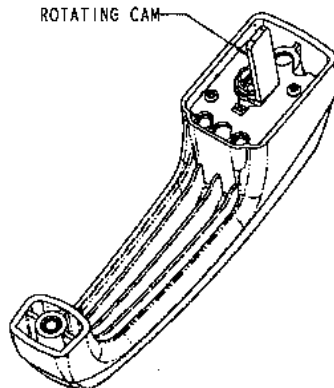
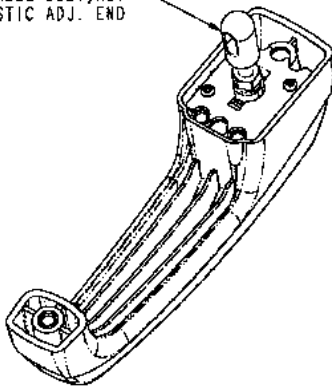
- Installed with (2 or 3) M6 x1.0 bolts (not included)
- Mounts against glass with only 2 holes
- Recommended mounting fastener torque to be 5.6-6.7 N-m (50-59 lbf-in)

Design Patent No. D461,391

050-0100 Two-Rotor Latch			
Part #	Handing	Mounting	Key Code
19466-01	Non-handed	120mm (3 holes)	TA183
19996-01 Gasket			

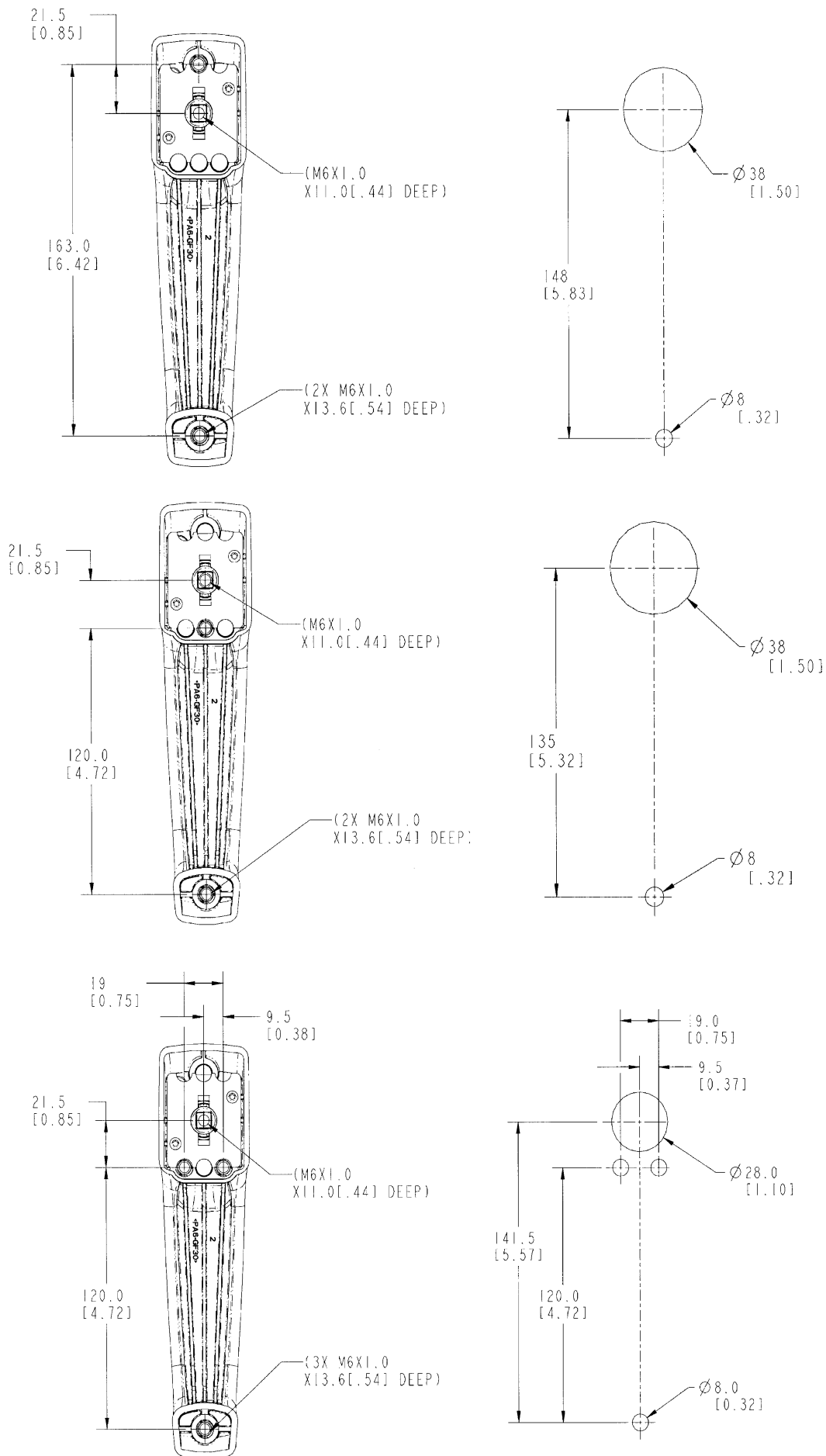
ADJUSTABLE BOLT, NUT AND PLASTIC ADJ. END

ROTATING CAM



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 040-0600 TriMount Push Button Handle



# 050-0100 Two-Rotor Latch

This versatile two-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 lever and mounting axles for ease of mounting and applications and is FMVSS 206 compliant.

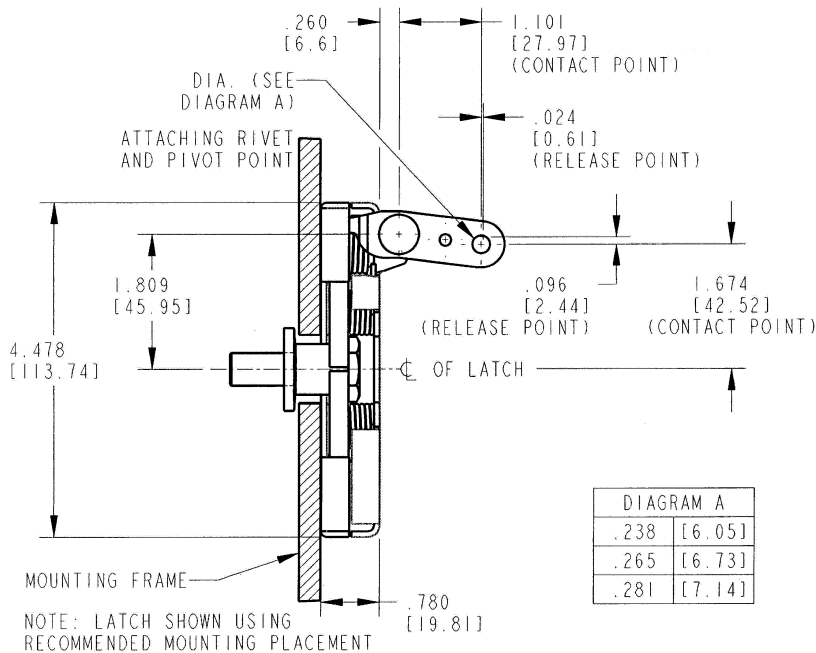
- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs (23-91 kg)
- Door seal pressures of 50-150 lbs (23-68 kg) (suggested for best results)

### 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

### 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)



### 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

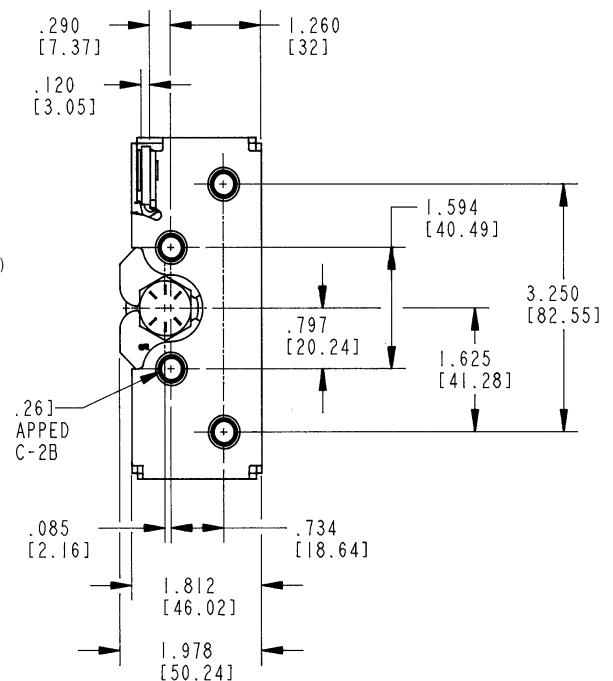
### INTERNAL LUBRICATION

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

**NOTE:** Two position, double rotor latches comply with FMVSS 206 in primary and secondary latching positions when tested with approved TriMark FMVSS 206 compliant striker bolts in accordance with SAE J839.

050-0100 Two-Rotor Latch			
Part #	Handing	Mounting	Trip Lever
11455-16	Right	.286"	Straight
11470-16	Left	.286"	Straight
11471-16	Right	1/4-20 UNC	Straight
11878-01	Right	.286"	Straight
11879-01	Left	.286"	Straight
11945-16	Right	1/4-20 UNC	2-Point
12196-16	Left	M6 X 1.0	L-Shaped

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



# 050-0103 Two-Point Latch 2-Position Intertrip

**DESIGNED FOR:**

- Medium to heavy weight doors for on or off-highway applications requiring resistance to dust and vibration
- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs (23-91 kg)
- Door seal pressure of 50-150 lbs (23-68 kg) (suggested for best results)
- Visible surface installation or concealed inside installation
- Applications where it is desirable to have the release mechanism in line with the latch

**FINISH:**

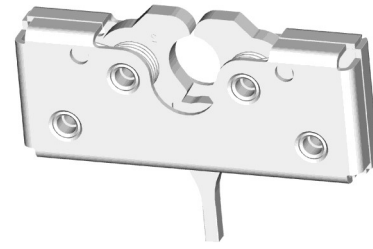
- Zinc plated, clear chromate steel components

**AVAILABLE:**

- In left or right hand configurations
- With (4) 1/4-20 UNC, M6 X 1 threaded or .286 diameter "thru" axles
- With trip lever options

**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 grade 8.8-type 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 hole diameter should not exceed .281 (7.1mm)

**INTERNAL LUBRICATION:**

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

**NOTE:** Two position, double rotor latches comply with FMVSS 206 in primary and secondary latching positions when tested with approved TriMark FMVSS 206 compliant striker bolts in accordance with SAE J839.

050-0103 Two-Point Latch 2-Position Intertrip			
Part #	Handing	Mounting	
12319-16	Left	1/4-20	External Catch
20528-01	2-Position	1/4-20	External Catch

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 050-0150 Two-Rotor Latch & Release Linkage

This two-rotor latch is designed for medium to heavy-duty applications for off-highway entrance doors. It features an integrated linkage that allows for direct L-handle actuation and provides for ease of mounting and applications.

## DESIGNED FOR:

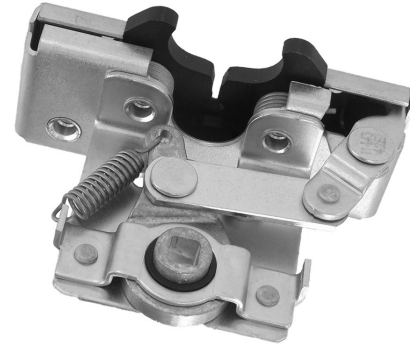
- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs. (23-91 kg)
- Door seal pressures of 50-150 lbs. (23-68 kg) (suggested for best results)

## AVAILABLE:

- In left or right hand configurations (right hand shown)
- With drive bar receiver parallel to striker bolt or rotated in 15° increments (as illustrated)

## INSTALLATION:

- Four 1/4-20 UNC grade 5 mounting fasteners (not included)
- Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs
- Maximum .312 (7.9mm) diameter mounting holes

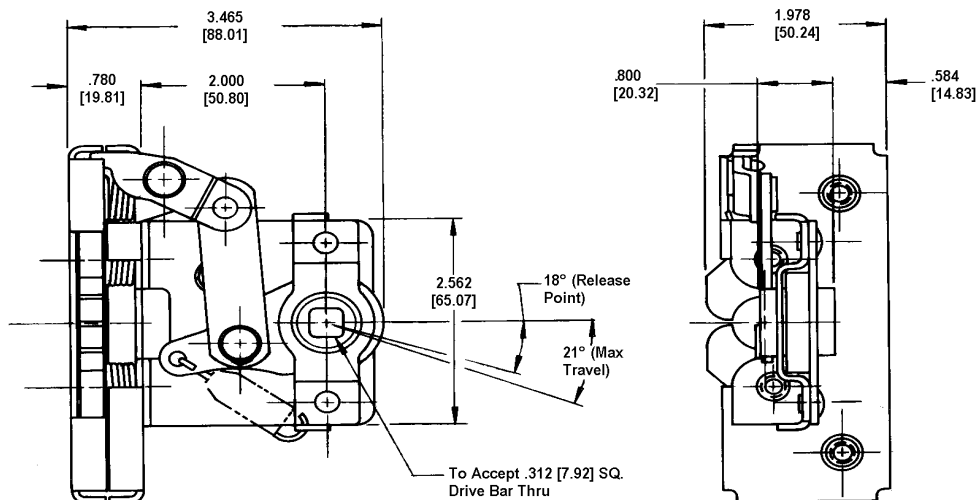


**CAUTION:** Linkage does not comply with locking requirements of FMVSS 206.

**NOTE:** Latch complies with FMVSS 206 in primary and secondary latching positions when tested with approved TriMark striker bolts in accordance with SAE J839.

For more information visit

[www.trimarkcorp.com](http://www.trimarkcorp.com)



# 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 applications and is FMVSS 206 compliant.

- Door weights up to 75 lbs (37 kg)
- Door seal pressures of 20-25 lbs (9-11 kg) recommended for best results (not to exceed 50 lbs [23 kg])
- Visible surface installation or concealed installation

## 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

## FINISH:

- Zinc plated, clear chromate steel components
- Stainless steel

## MATERIAL:

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



## 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:

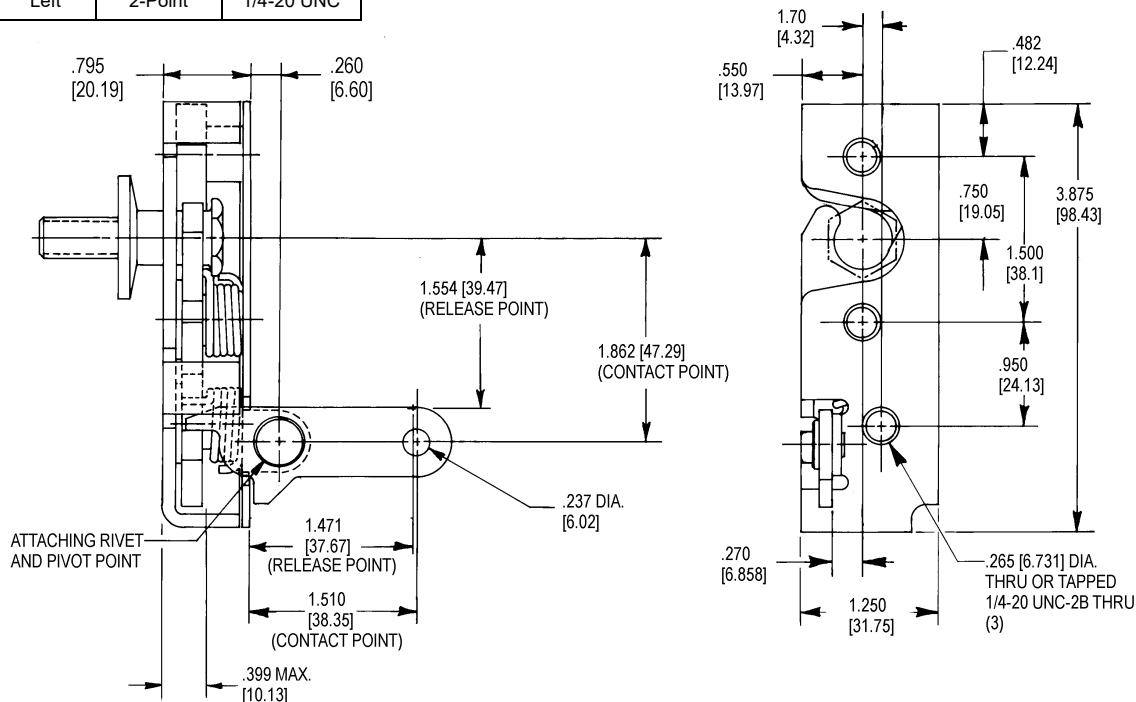
- Oven-cured dry lubricant is applied on all critical moving parts

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

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

**NOTE:** 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.

050-0200 Slimline Rotary Latch			
Part #	Handing	Actuation	Mounting
11189-16	Right	Straight	.265" (6.7mm)
11190-16	Left	Straight	.265" (6.7mm)
11656-16	Right	2-Point	1/4-20 UNC
11657-16	Left	2-Point	1/4-20 UNC
11664-16	Left	2-Point	.265" (6.7mm)
11665-16	Right	2-Point	.265" (6.7mm)
14047-01	Right	2-Point	1/4-20 UNC
14048-01	Left	2-Point	1/4-20 UNC



For more information visit

[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 050-0250 Single Rotor Latch & Linkage Assembly

This latch and linkage system is intended for occupant or exit/entry doors for recreational vehicles including motor homes and travel trailers and specialty vehicles including ambulance, fire/rescue and off-highway vehicles (light duty) that require compliance to FMVSS 206 standards. The flexible design allows for internal or external door mounting and provides automotive logic function with remote activating handles.

- Door weights up to 75 lbs (34 kg)
- Door seal pressures of 20-25 lbs (9-11 kg) recommended for best results (not to exceed 50 lbs [23 kg])

**AVAILABLE:**

- Right or left hand configurations (left hand shown)
- Spacer plate is available to facilitate interior door mounting
- Improved versions are available with increased mechanical advantage that reduce the release efforts at the exterior and interior handles. These versions are retrofittable with previous part numbers but may require connecting rod revisions, due to the increased length of the linkage and slightly revised rod connections points.

**FINISH:**

- Zinc plated clear chromate steel components

**MATERIAL:**

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



**Latch shown with optional state sensing. State sensing option adds an electrical switch to the latch to sense the door open and door closed state.**

**INSTALLATION:**

- Can be mounted inside or outside of door edge
- Three 1/4-20 UNC grade 5-type or better fasteners are recommended (not included). Tighten to the manufacturers' recommended torque value, however, do not exceed 120 in-lbs (13.3 N-m)

**INTERNAL LUBRICATION:**

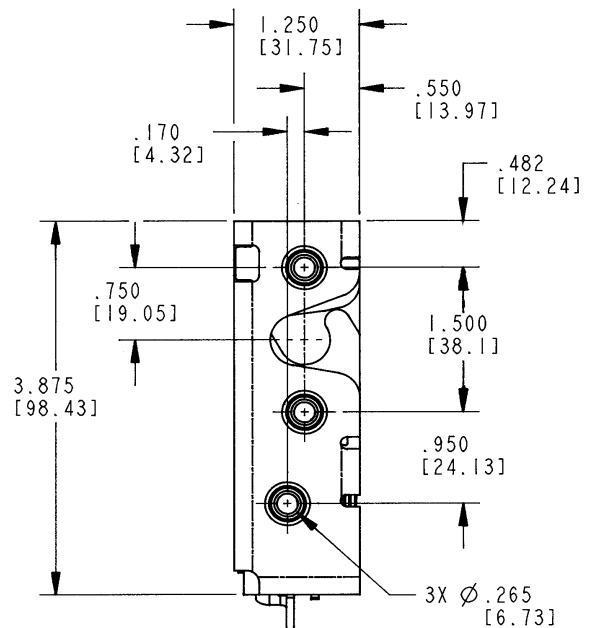
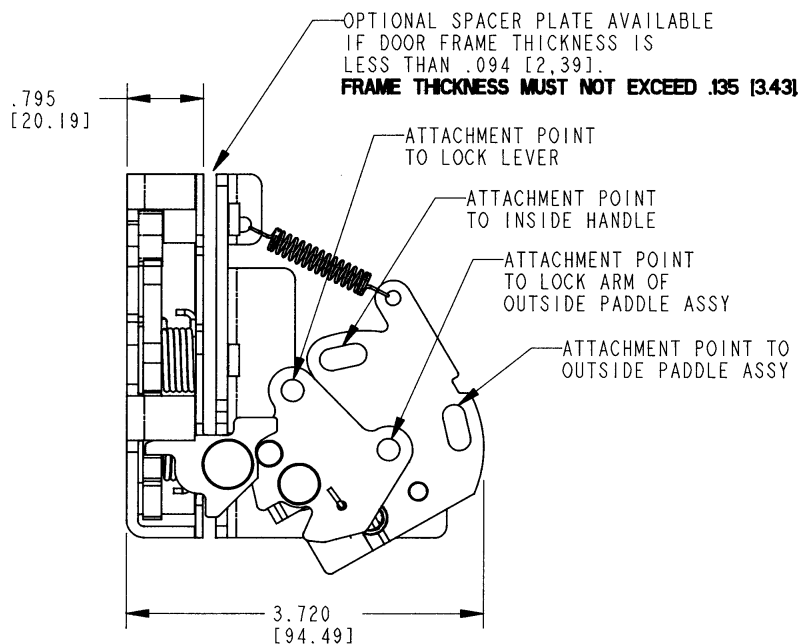
- Oven-cured dry lubricant is applied on all critical moving parts

**NOTE:** Latch and linkage complies with FMVSS 206 when tested with approved TriMark Striker Bolts in accordance with SAE J839.

**U.S. Patent No. 7,156,430 and 7,320,488**

050-0250 Single Rotor Latch & Linkage Assembly			
Part #	Handing	Mounting	
11342-16	Right	1/4-20 UNC	Locking
11344-16	Left	1/4-20 UNC	Locking
12041-16	Right	1/4-20 UNC	Non-Locking
12042-16	Left	1/4-20 UNC	Non-Locking

**For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)**





# 050-0300 Single Rotor Latch

This compact single rotor latch is designed for light to medium applications for on or off highway compartment doors and access panels. It features a single or 2 position compact rotary and is available in a variety of trip levers and mounting axles for ease of mounting and applications

- Most storage, compartment and access doors
- Any application where finger or remote release is desired
- Windows

### **MATERIAL:**

- Strike, rotor and rotor catch: Heat treated, smooth edge stamped steel
- Case halves: Zinc plated, mild steel components handing is available

### **AVAILABLE:**

- Latch is non-handed, but trip lever handing is available
- With (2) 1/4-20 UNC or M6 x 1.0 threaded axles or .265 (6.7mm) diameter through axles



### **INSTALLATION:**

- Two 1/4-20 UNC grade 5-type or M6 x 1.0 class 8.8 or better fasteners are required (not included)
- See Appendix for Latch and Striker Installation
- 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 to catch and rotor

**CAUTION:** Latch does not meet FMVSS 206 load requirements.

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

050-0300 Single Rotor Latch			
Part #	Trip Lever	Actuation	Mounting
11419-16	Shown	Finger Release	.265" (6.7mm)
12225-16	Right	Finger Release	.265" (6.7mm)
12226-16	Left	Finger Release	.265" (6.7mm)
13281-01	Non-Handed	Straight	M6 X 1.0
14382-01	Non-Handed	Straight	.265" (6.7mm)

# 050-0400 Floating Striker Single Rotor Latch

This robust single rotor latch is designed for medium to heavy-duty applications for on or off highway entrance doors, compartments and access panels. It features a vertical clearance rotor for high vibration applications and is available in a variety of trip levers and mounting axles for ease of mounting and applications and is FMVSS 206 compliant.

- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs (23-91 kg)
- Door seal pressures of up to 150 lbs (68 kg) (< 50 lbs (23 kg) suggested for best results)
- Visible surface installation or concealed inside installation

### FEATURES/BENEFITS:

- Allows for  $\pm .143$  (3.63) strike travel from .789
- Ideal for applications with high vibration loading and where controlled travel between the latch and strike is characteristic of the application
- Single-position rotary style latching

### 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-type fasteners are required (not included). Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs. (13 N-m)
- Fastener mounting holes diameter should not exceed .281 (7.1mm)

### AVAILABLE:

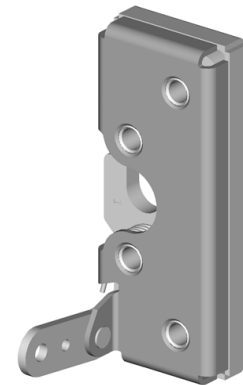
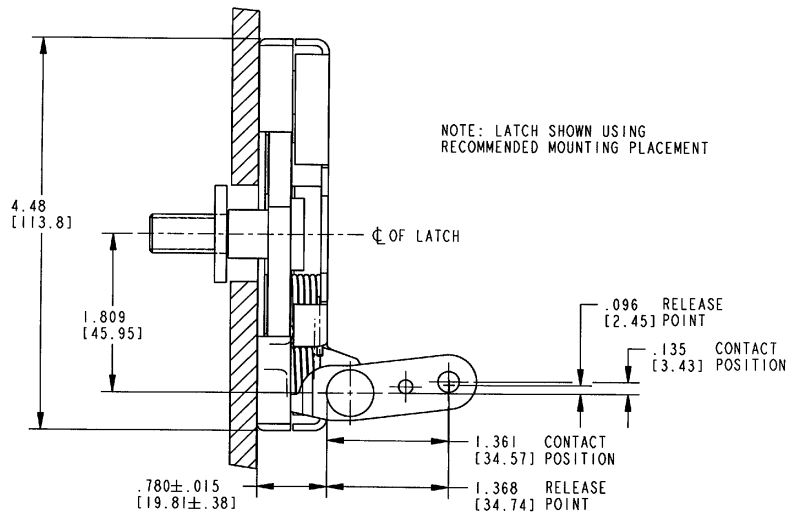
- In left or right hand configurations (right hand shown)
- With (4) 1/4-20 UNC, M6 X 1 threaded axles or .286 (7.3mm) through axles
- With trip lever options

### INTERNAL LUBRICATION:

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

**CAUTION:** Latch does not comply with FMVSS 206 requirements.

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



050-0400 Floating Striker Single Rotor Latch Handing					
Part #	Handing	Mounting	Actuation	Actuation Feature	Actuation Support
11615-01	Left	.286 (7.3mm) Diameter Through Axles	Convention Straight	None	Standard Mount
11616-01	Right	.286 (7.3mm) Diameter Through Axles	Conventional Straight	None	Standard Mount
13921-01	Left	.286 (7.3mm) Diameter Through Axles	Conventional Straight	Torsion Spring	Standard Mount
14325-01	Right	1/4-20 UNC Threaded Axles	Convention 2-Point	None	Standard Mount
14923-01	Right	.286 (7.3mm) Diameter Through Axles	Convention Straight	Torsion Spring	Standard Mount

# 050-0500 Single Rotor Mini-Latch

Designed for small compartment and access doors where low cost slam action latching is desired. It features a single or two-position compact rotary and is available in a variety of trip levers and mounting axles for ease of mounting and applications

- Door closing forces of 15-20 lbs (6.8-9 kg) recommended for best results (not to exceed 50 lbs [23 kg])

## FEATURES/BENEFITS:

- Compact size
- Low cost
- Single position rotary style latching action
- Double position also available

## AVAILABLE:

- Right and left hand configurations (left hand shown)
- With 1/4-20 UNC threaded axles
- Base mount
- With rod collars attached

## MATERIAL:

- Internal latch components and case halves: High-strength steel
- Springs: Non-corrosive stainless steel



## FINISH:

- Zinc plated, clear chromate
- Stainless steel

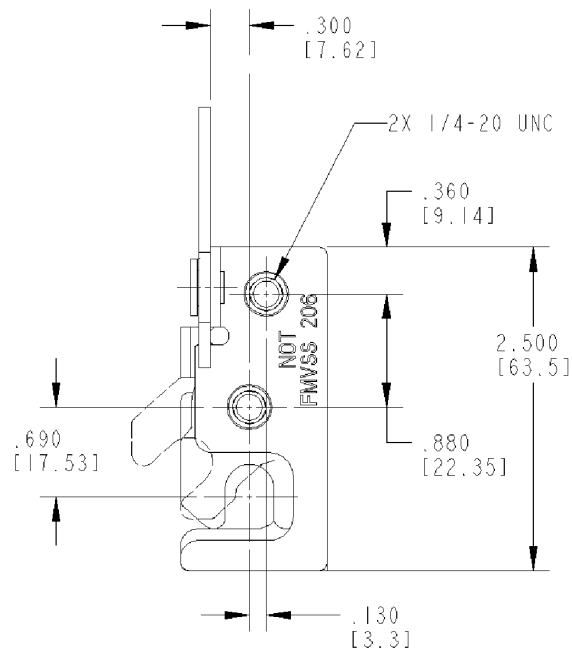
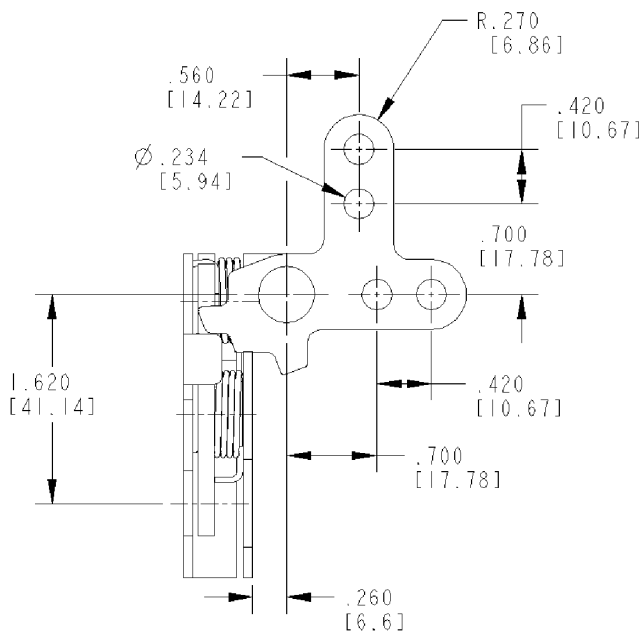
## INSTALLATION:

- Two 1/4-20 UNC mounting fasteners (not included)
- Custom mounting brackets and release levers upon request
- Tighten to the manufacturers' recommended torque value, however, do not exceed 100 in-lbs (11.2 N-m)

Rod collars are not intended or recommended for use in applications that require FMVSS 206 compliance or applications that have heavy or extreme striker bolt loads (> 25 lbs / 11 kg) and/or high to extreme usage (> 100,000 door cycles/life).

**CAUTION:** Latch does not comply with FMVSS 206 requirements.

050-0500 Single Rotor Mini Latch			
Part #	Handing	Actuation	Mounting
13374-01*	Right	2-Point	1/4-20 UNC
13776-01	Left	2-Point	1/4-20 UNC
15159-01	Right	2-Point	1/4-20 UNC
15160-01	Left	2-Point	1/4-20 UNC
15252-01	Right	L-Shaped	.286"
15253-01	Left	L-Shaped	.286"
16979-01	Left	Direct	Base
16903-01	Right	Direct	Base



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 060-0201 Trailer Latch

This trailer latch was specifically designed for entrance, baggage and compartment doors for recreational vehicles including motor homes and travel trailers. It features a modern styled paddle and provides a single reversible key system with TriMark's KeyOne™ Plus system.



- All doors with thickness of 1-1/4" (31.8mm) to 1-1/2" (38.1mm) (other door thicknesses available -- please inquire)
- Universal applications--either right or left handed

## FEATURES/BENEFITS:

- Paddle can be locked before door is shut
- Paddle is rigid when locked
- Comfortable finger access
- Inside assist for easy door closing
- Water resistant

## AVAILABLE:

- With optional built-in dead bolt (060-0251 Series)
- Reversible key for ease of operation
- With or without inside release (060-0201 Series)
- Reverse plunger for inward swinging doors (optional)
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking



## MATERIAL:

- Major components: Die cast zinc alloy
- Strike plate (standard version): Die cast zinc alloy
- Strike plate (optional dead bolt version): Steel

## FINISH:

- Black powder coated or white
- Strike plate (standard version): Black powder coating
- Strike plate (optional deadbolt version): Zinc plated

## INSTALLATION:

- Requires (4) #8-32 thread forming fasteners (Available--please inquire)

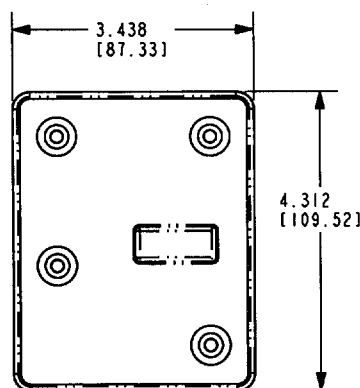
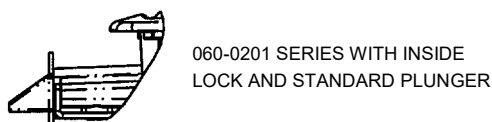
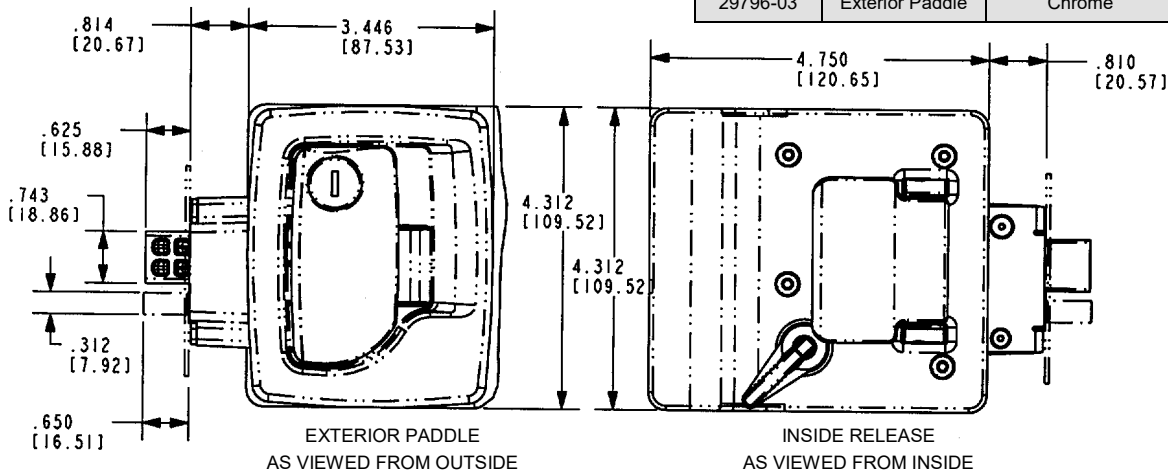
**CAUTION:** Latch does not meet FMVSS load requirements.

**U.S. Patent No. 5,927,773 & 6,409,234**  
**Design Patent No. D419,421**

060-0201 Trailer Latch				
Part #		Finish	Key Code	Dead Bolt
18129-01	Inside Handle	Black		No
18129-03	Inside Handle	Chrome		No
29794-01	Exterior Paddle	Low Gloss Black	1141-1240	Yes **
29796-04	Exterior Paddle	Low Gloss Black	1141-1240	No
29797-01	Exterior Paddle	Low Gloss Black	KeyOne	No
29795-01	Exterior Paddle	Low Gloss Black	KeyOne	Yes **
15774-01	Plate Cover	Low Gloss Black	N/A	N/A
20863-01-K	Kit *	Chrome	2091-2140	No
29796-03	Exterior Paddle	Chrome	2001	No

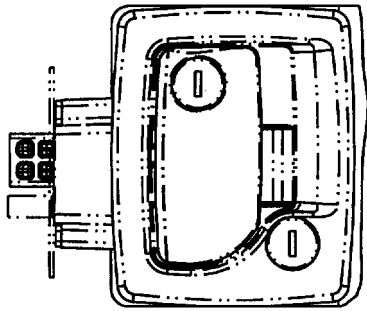
\* Kit Includes:  
 Interior/Exterior Assembly  
 Strike Plate  
 Cover Plate  
 Self-Tapping Screws

\*\* Note: Dead bolt can only be operated from inside release



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 060-025 | Trailer Latch With Dead Bolt



## FEATURES/BENEFITS:

### 060-0201 and 060-0251

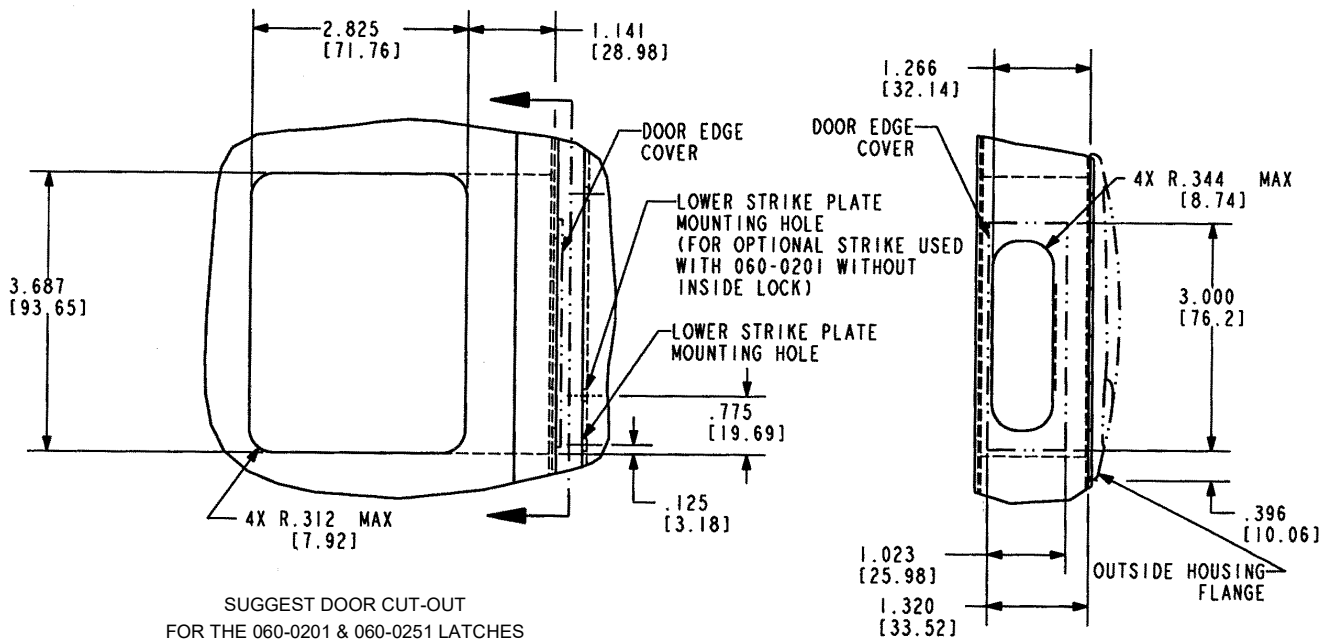
- Paddle can be locked before door is shut
- Paddle is rigid when locked
- Automotive styling
- Comfortable finger access
- Inside assist for easy door closing
- Water resistant

060-0251 Trailer Latch With Dead Bolt				
Part #	Description	Finish	Key Code	Dead Bolt
20909-01-K	Kit *	Chrome	1141-1240	Yes **
20883-01-K	Kit *	Chrome	2001	2001
20884-01-K	Kit *	Low Gloss Black	2001	2001
20889-01-K	Kit *	Low Gloss Black	1141-1240	1141-1240
20864-01-K	Kit *	White	1141-1240	1141-1240
29790-01	Exterior Paddle	Low Gloss Black	1141-1240	1141-1240
29791-01	Exterior Paddle	Low Gloss Black	KeyOne Plus	KeyOne Plus
15605-01	Inside Release	Low Gloss Black	N/A	N/A

\* Kit Includes:  
 Interior/Exterior Assembly  
 Strike Plate  
 Cover Plate  
 Self-Tapping Screws

\*\* Note: Dead bolt can only be operated from inside release

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



# 060-0300 Flush Mount Security Lock

## DESIGNED FOR:

- Door applications in travel trailers and motor homes with modern automotive styling

## FEATURES/BENEFITS:

- Fits doors with thicknesses of 1-1/4" (31.8mm) to 1-3/4" (44.5mm)
- Can be mounted on either hollow or solid core door on travel trailers and motor homes
- retrofitable with most face and edge bores now commonly used
- Shuttered automotive style keyway
- Fits either left or right hand doors
- 5 pin brass tumblers cylinder
- Two nickel-plated keys included

## AVAILABLE:

- 2-3/8" (60.3mm) and 2-3/4" (69.9mm) backsets standard (other backsets available)
- Up to 1,000 key codes available
- Strike available

## MATERIAL:

- Sturdy die cast zinc alloy

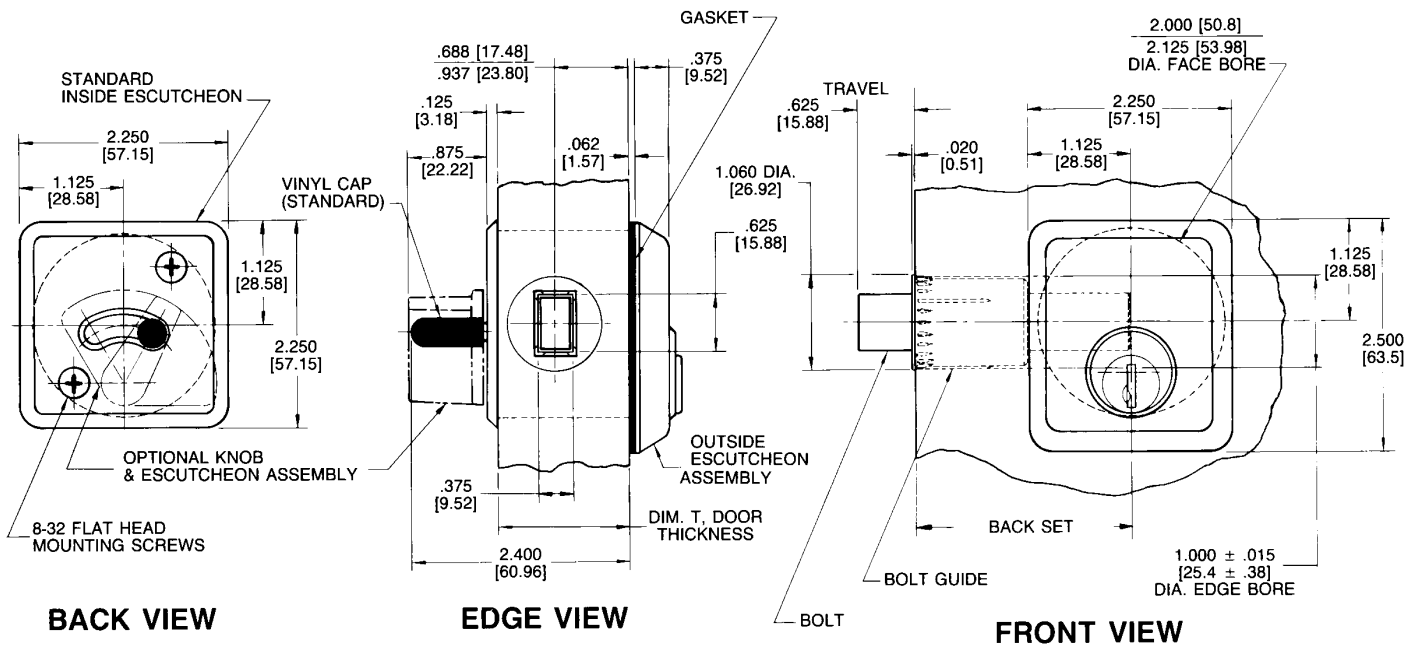
## FINISH:

- Black powder coated
- Additional colors and finishes available -- please inquire

060-0300 Flush Mount Security Lock			
Part #	Description	Finish	Backset
11690-00	Dead Bolt	N/A	4.687
11840-01	Complete Assembly	Medium Gloss Black	3.375
11840-02	Complete Assembly	Black Textured Paint	N/A



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



# 060-0400 Flush Baggage Lock

## DESIGNED FOR:

- Recreational vehicles
- Single point assembly ideally suited to 1.437" and thicker foam core doors with door seal forces up to 20 lbs. (other applications possible)
- Two-point assembly can be used on virtually any thickness door with linkage release efforts up to 7 lbs. per linkage rod

## FEATURES/BENEFITS:

- Pivot arm and plunger bolt operating mechanism provides resistance to water and dirt penetration
- Modern automotive styling
- Shuttered key cylinder
- Paddle can be locked before door is shut
- Comfortable finger access

## FINISH:

- Black powder coated

## MATERIAL:

- Engineering plastic used for plunger bolt, pivot arm, and pivot plate has lower coefficient of friction than nylon, reducing closing and operating efforts

## AVAILABLE:

- With or without plunger bolt for one or two point operation
- Locking or non-locking
- Keyed alike
- Wide variety of mounting bracket options available for various applications
- Linkage rods available for your specific applications
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking



## INSTALLATION:

- Easy drop-in installation with two-point version
- Supplied with gasket already applied under recess in housing flange for simple, clean installation
- Mounts with (4) #8-32 thread cutting screws (not supplied)

U.S. Patent No. 5,058,937

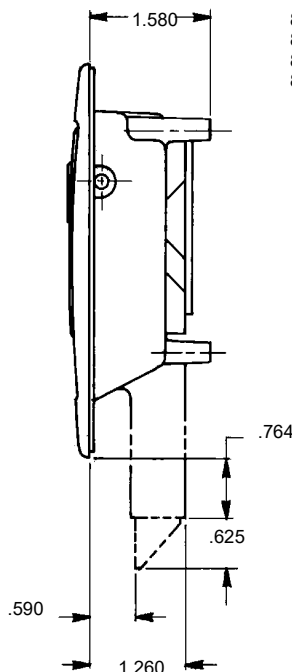
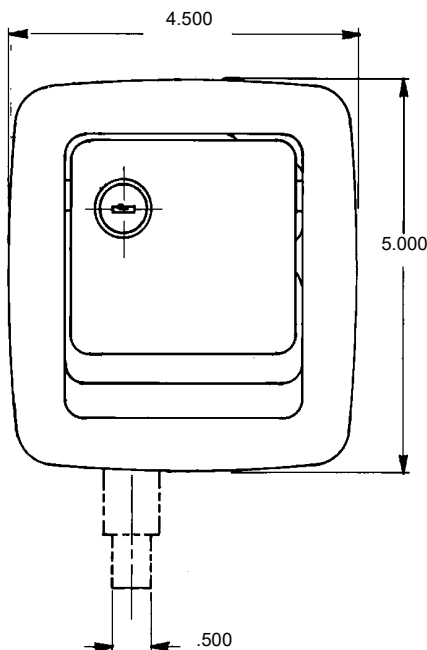
Canadian Patent No. 2045830

Design Patent No. D373,298

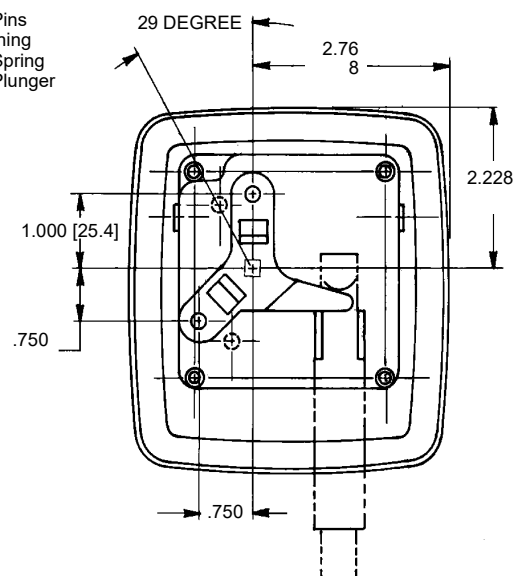


060-0400 Flush Mounted Baggage Lock			
Part #	Actuation	Key Code*	Finish
11959-37	Single Point	Non-Locking	Low Gloss Black
12006-37	2-Point	Non-Locking	Low Gloss Black
12054-37	Single Point	TM500*	Low Gloss Black
12055-37	2-Point	TM500*	Low Gloss Black
13531-01	Single Point	KeyOne*	Low Gloss Black
13532-01	2-Point	KeyOne*	Low Gloss Black
16799-01	2-Point	2001	Low Gloss Black
16800-01	Single Point	2001	Low Gloss Black
16802-01	Single Point	KeyOne Plus	Low Gloss Black

Note: Keys sold separately



80913-15 Pins  
81482 Bushing  
81505-15 Spring  
81493-00 Plunger



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 060-0450 EZ Access Baggage Lock

This baggage door lock was specifically designed for baggage and compartment doors for recreational vehicles including motor homes and travel trailers. It offers an improved plunger design and increased mechanical advantage for lower operating efforts.

### FEATURES/BENEFITS:

- Offers lower operating efforts and a more forgiving assembly
- Ample finger clearance
- Paddle can be locked before the door is shut (slam action)

### AVAILABLE:

- Wide variety of mounting bracket options available for various applications
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking



### FINISH:

- Paddle and housing: Low gloss black powder coat
- Steel components: Zinc coat with clear chromate

### MATERIAL:

- Housing and paddle: Zinc
- Pivot plate, axles, pivot arm: Steel
- Plunger bolt: Plastic

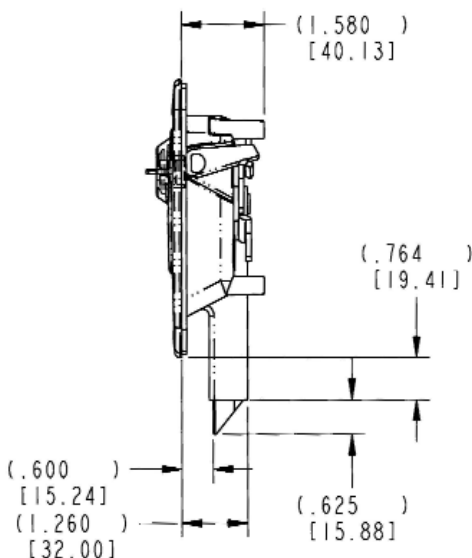
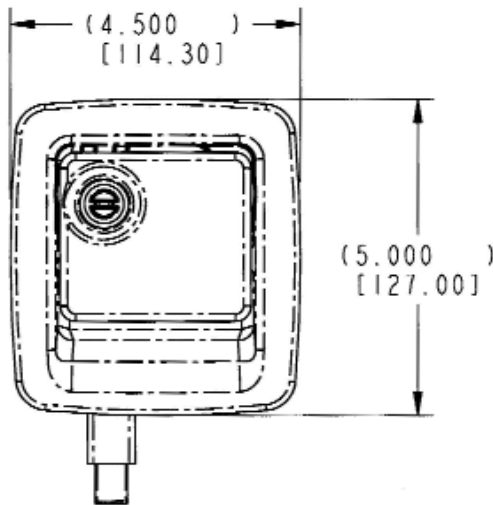
### INSTALLATION:

- Mounts with four (4) #8-32 thread forming fasteners (available - please inquire)

U.S. Patent No. 6,547,290

Design Patent No. D373,298

This product is being replaced by the 060-0460. We do not recommend the use of this product in new applications. For additional information, please contact Customer Service at 1-800-431-8616.



060-0450 EZ Access Baggage Door Lock			
Part #	Finish	Actuation	Key Code
13531-01	Low Gloss Black	Single Point	KeyOne
16799-01	Low Gloss Black	2-Point	2001
16800-01	Low Gloss Black	Single Point	2001
16802-01	Low Gloss Black	Single Point	KeyOne Plus

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)



# 060-0460 EZ Access Baggage Door Lock

This baggage door lock was specifically designed for baggage and compartment doors for recreational vehicles including motor homes and travel trailers. It is available with multi-point functionality or as a single point with either a zinc or plastic plunger.

## FEATURES/BENEFITS:

- Offers lower operating efforts and more forgiving assembly
- Ample finger clearance
- Paddle can be locked before the door is shut (slam action)
- Updated styling
- Improved plunger design
- Increased mechanical advantage to allow for lower operating efforts
- Available in single or three-point actuation for latching versatility

## FINISH:

- Paddle and housing: Powder coat in various colors
- Steel components: Zinc coat with clear chromate

## MATERIAL:

- Housing and paddle: Die cast zinc
- Pivot plate, axles, pivot arm: Steel
- Plunger bolt: Plastic or die cast zinc

## AVAILABLE:

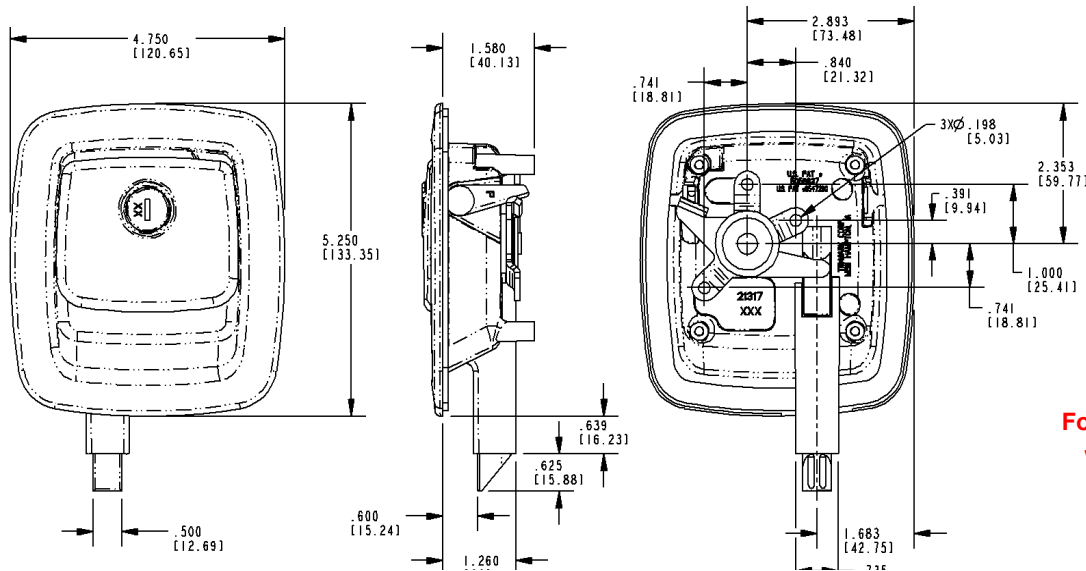
- Locking or non-locking
- Keyed alike
- Wide variety of mounting bracket options available for various applications
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking
- Multi-point actuation or single point
- Zinc or plastic plunger



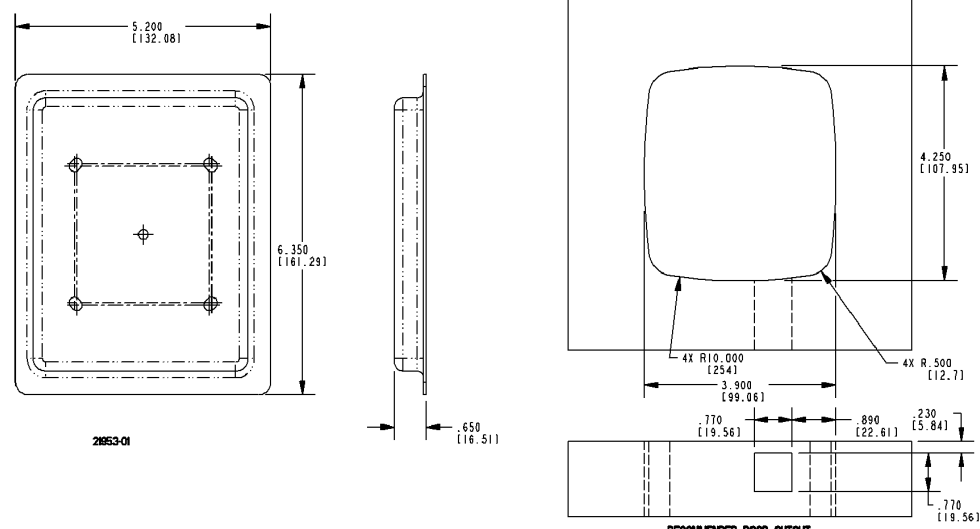
## INSTALLATION:

- Mounts with four (4) #8-32 thread forming fasteners (not supplied)
- Supplied with gasket already applied under recess in housing flange for simple, clean installation

60-0460 EZ Access Baggage Door Lock			
Part #	Finish	Actuation	Key Code
21247-01	Low Gloss Black	Single Point	Non-Locking
21317-01	Low Gloss Black	Single Point	2001
21317-03	Low Gloss Black	Single Point	KeyOne
21401-01	Low Gloss Black	3-Point	KeyOne
21402-01	Low Gloss Black	3-Point	Non-locking
21880-01	Low Gloss Black	3-Point	KeyOne



For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)



U.S. Patent No. 6,547,290  
Other Patents Pending

# 060-0475 Flush Baggage Door e-LOCK

This baggage door lock was specifically designed for baggage and compartment doors for recreational vehicles including motor homes and travel trailers. It features a modern styled paddle and offers the use of power door lock actuation. It is available with multi-point functionality or as a single point with either a zinc or plastic plunger.

## FEATURES/BENEFITS:

- Offers modernized styling
- Allows the use of power door lock actuation
- Large handle provides comfortable finger access and greater ease of operation (ergonomics)
- Single point zinc or plastic plunger or multi-point functionality works with TriMark rotary or plunger latches in doors 1.187" (30.1mm) and thicker
- Multi-point handle can be mounted in vertical or horizontal orientations and is able to actuate latches at the sides and also the top and bottom of the door
- Paddle can be locked before the door is closed (slam action)

## FINISH:

- Supplied painted in a low gloss black finish, the product can be easily painted over to match body colors
- Also available copper-nickel chrome plated



## MATERIAL:

- Sturdy zinc die cast alloy housing, paddle and plunger
- All parts (axles, pivot arm, pivot plate, lock cam): Cold rolled steel with zinc plate, clear chromate for corrosion resistance
- Engineering plastic used for plunger bolt drive end and plunger bolt (when specified) has lower coefficient of friction, reducing closing and operating efforts

## AVAILABLE:

- With or without plunger bolt for one or multi-point operation
- Single point version is available with a zinc or plastic plunger
- Handle can be keyed to match other TriMark RV door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking
- Housing flange and internal gaskets provided for resistance to water and dirt infiltration
- Linkage rods available for your specific applications

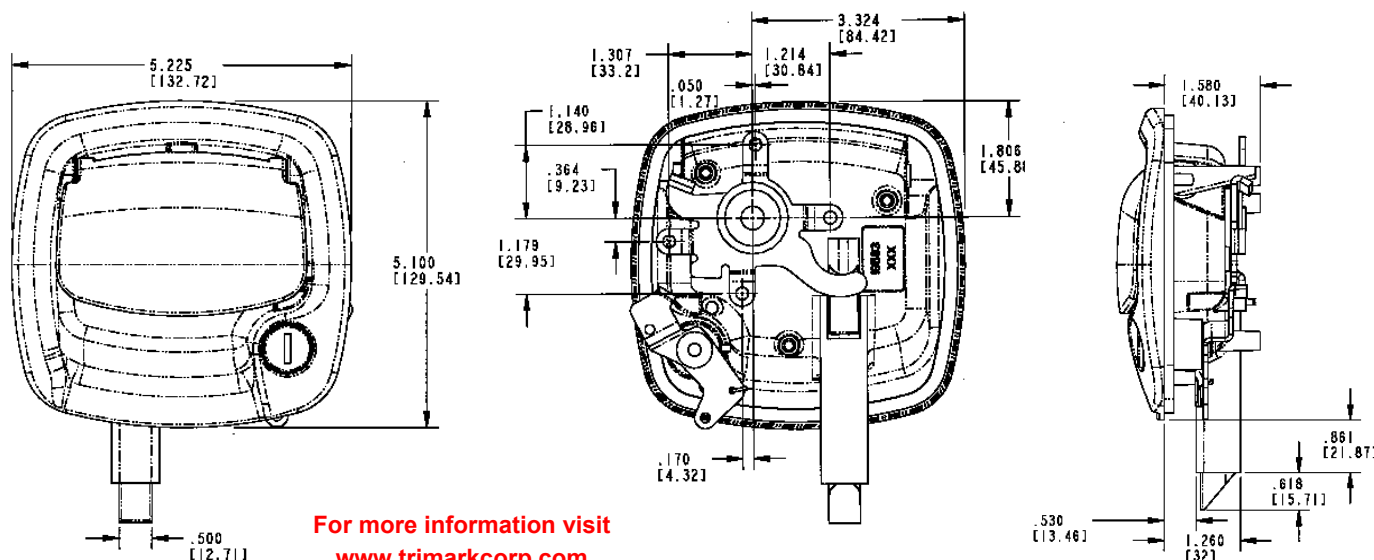


## INSTALLATION:

- Handle is easy to install with (3) #8-32 thread forming fasteners (supplied separately)
- Optional mounting bracket and rod allows the power actuator to mount to the handle for ease of installation
- Supplied with gasket already applied under recess in housing flange for simple, clean installation

U.S. Patent No. 7,232,162  
Design Patent No. D519,823

060-0475 Flush Baggage Door e-LOCK					
Part #	Handing	Finish	Key Code	Plunger	Extension Spring
19583-03	Non-handed	Low Gloss Black	KeyOne Plus	Plastic	
19583-04	Non-handed	Copper-Nickel Chrome	KeyOne Plus	Plastic	
20356-01	Non-handed	Low Gloss Black	Non-Locking	Zinc	
20356-02	Non-handed	Low Gloss Black	Non-Locking	Plastic	
20358-03	Non-handed	Low Gloss Black	KeyOne	None	Yes
20358-04	Non-handed	Copper-Nickel Chrome	KeyOne	None	
20358-07	Non-handed	Low Gloss Black	KeyOne	None	Yes
20358-09	Non-handed	Copper-Nickel Chrome	KeyOne	None	Yes
20358-10	Non-handed	Low Gloss Black	Keyed 2001	None	
20358-11	Non-handed	Copper-Nickel Chrome	Keyed 2001	None	
20358-12	Non-handed	Copper-Nickel Chrome	Keyed 2002	None	
20358-13	Non-handed	Copper-Nickel Chrome	Keyed 2001	None	Yes



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# 060-0500 Plunger Bolt

This latch was designed for small compartment and access doors where low cost slam action latching is desired. It features a plastic plunger bolt for ease of closing/opening and is available with rod collars and a direct release knob for installation and ease of use.



## FEATURES/BENEFITS:

- Unique, economical, single piece cover design
- .625" (15.87mm) allowable travel
- Low operating efforts
- Corrosion resistant
- Slotted mounting holes for ease of installation
- Precision placed mounting holes allow pre-drilling of holes in mating parts
- Optional inside release feature
- Non-metallic plunger bolt
- Optional collar and setscrew for easy rod attachment and adjustment

## FINISH:

- Cover and link - zinc plated with clear chromate conversion coating
- Collar - clear chromate dip

## MATERIAL:

- Cover and link: Cold rolled steel
- Plunger bolt: Black nylon
- Collar: Zinc die cast alloy

## INSTALLATION:

- Recommended use of #10-24 or #10-32 type D, F, G, or T thread cutting, self-threading screws (not included)

## AVAILABLE:

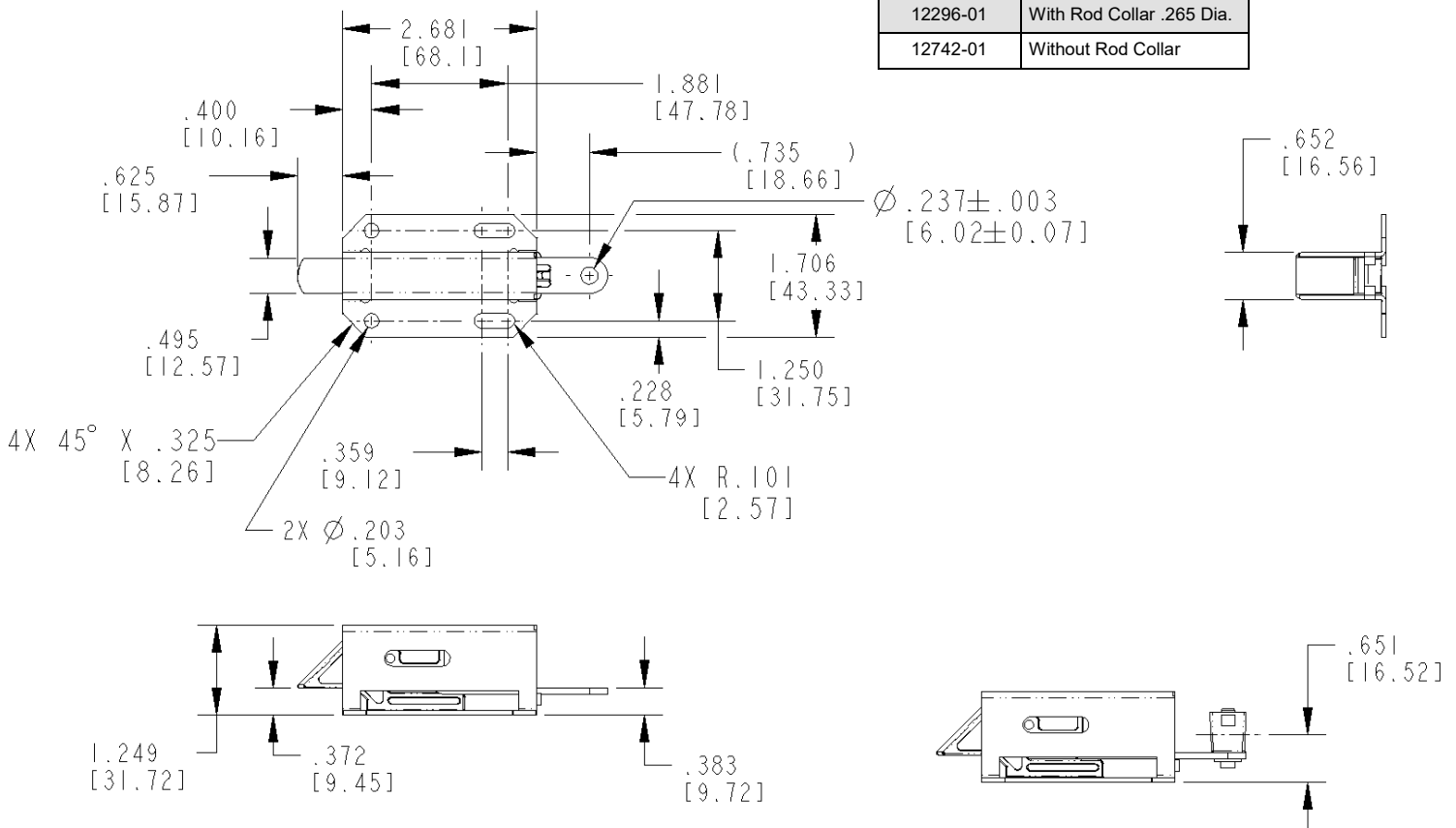
- With or without collar and setscrew as shown below (please inquire)
- Operated with cables or rods
- Custom rods up to .219 diameter (5.4mm)
- Optional nose configurations available (requires tooling)

Rod collars are not intended or recommended for use in applications that require FMVSS 206 compliance or applications that have heavy or extreme striker bolt loads (> 25 lbs / 11 kg) and/or high to extreme usage (> 100,000 door cycles/life).

U.S. Patent No. 5,360,244

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

060-0500 Plunger Assembly	
Part #	
12296-01	With Rod Collar .265 Dia.
12742-01	Without Rod Collar



# 060-0600 / 060-0650 Motor Home Entrance Door Hardware

Designed for motor home entrance doors, this product provides easy installation with a through sandwich mounting. It features a low cost plunger style latch and is compliant to FMVSS 206. The 060-0650 includes a built-in dead bolt for additional security.

- Door thickness of 1.390" (35.3mm) to 1.600" (40.6mm). (Different inside plates are required to facilitate range of door thicknesses. Please identify when inquiring.)
- Universal applications--either right or left handed

### FEATURES/BENEFITS:

- Paddle can be locked before door is shut
- Paddle is rigid when locked
- Automotive styling
- Comfortable finger access
- Inside assist for easy closing
- Build-in dead bolt eliminates the need for an add-on residential type dead bolt
- Dead bolt locks into the fully extended position for true dead bolt functioning (060-0650)

### AVAILABLE:

- With optional built-in dead bolt (060-0650)
- Master keyed paddle keycylinder. Non-master keyed dead bolt

### FINISH:

- Black powder coated

### INSTALLATION:

- #10-24 UNC mounting screws (not included). Recommended torque 10 in./lbs. (1.1 N-m) 1/4-20 UNC grade 5-type fasteners for strike plate installation recommended
- Supplied with gasket already applied under recess in housing flange
- Sandwich mount installation does not require any linkage rods

**NOTE:** Meets FMVSS 206 load requirements and may be used in FMVSS 206 applications pending TriMark application approval.

**U.S. Patent No. 4,736,972**

**Design Patent No. D346,731**

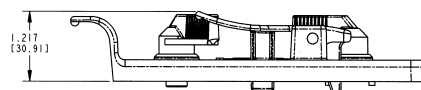
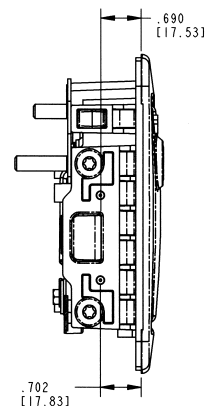
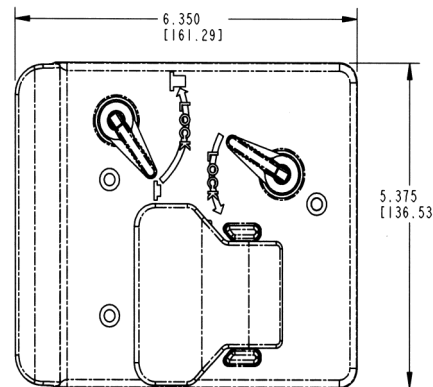
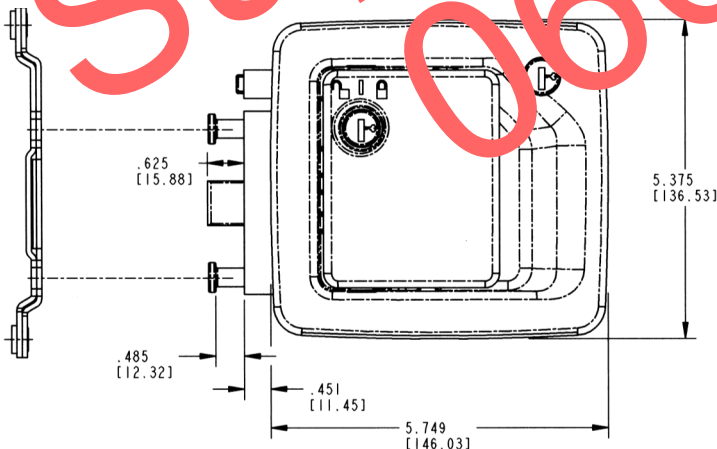
060-0650 Motor Home Entrance Door Hardware With Dead Bolt



For more information visit

This product is currently under a redesign. For additional information, please contact Customer Service at 1-800-431-8616.

060-0600 Motor Home Entrance Door Hardware				
Part #	Description	Material	Finish	Door Thickness
13218-02	Exterior Paddle	Zinc Plunger	Low Gloss Black	All
31158-01-K	Kit			
060-0650 Motor Home Entrance Door Hardware/ Deadbolt				
12480-37	Inside Release	N/A	Low Gloss Black	1.390 - 1.470
18168-02	Exterior paddle	Zinc Plunger	Low Gloss Black	All
13217-08	Exterior Paddle	Steel Plunger	Low Gloss Black	All



# 060-0900 Plunger Bolt

This latch was designed for small compartment and access doors where low cost slam action latching is desired. It features a plastic plunger bolt for ease of closing/opening and a flange mount that allows for internal door mounting (recessed).

**FEATURES/BENEFITS:**

- .500" (12.7mm) allowable travel
- Low operating efforts
- Corrosion resistant
- Non-metallic plunger bolt
- Flange mount allows for internal door mounting (recessed)

**FINISH:**

- Black painted finish

**MATERIAL:**

- Base, cover, slide: Cold rolled steel
- Spring: Stainless steel
- Plunger: Nylon

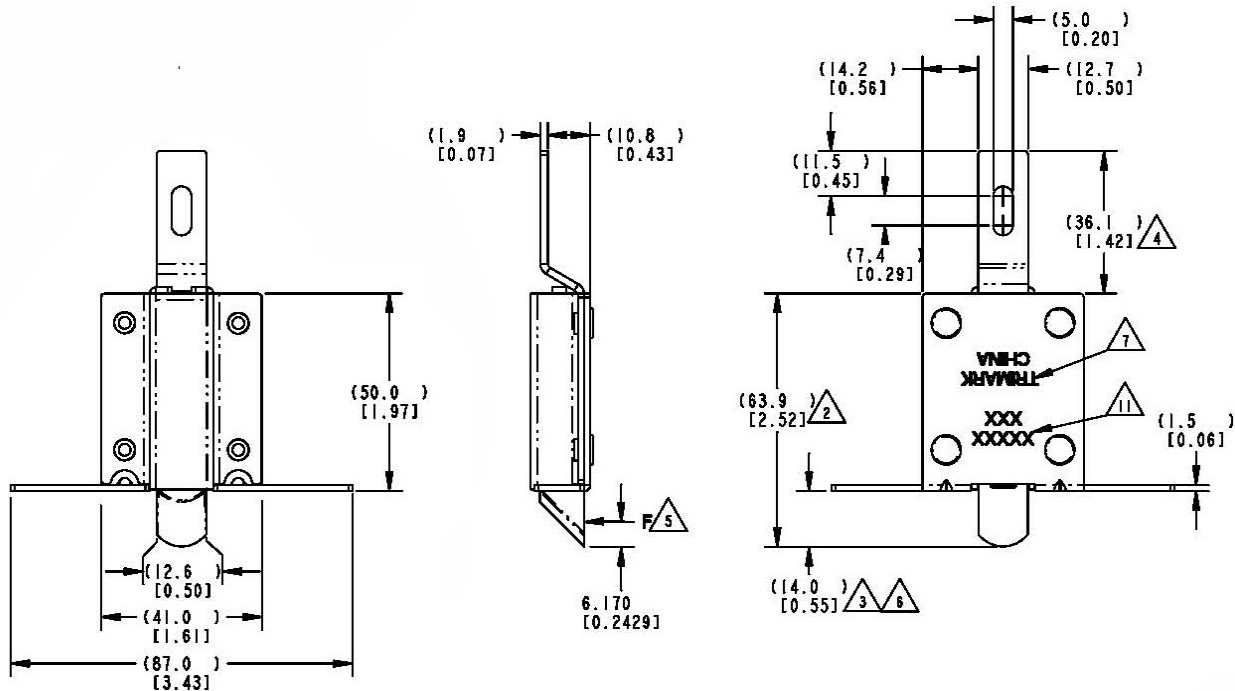
**INSTALLATION:**

- Recommended use of (2) 3/16 diameter (4.5mm) pop rivets or #12 type AB, B or BP steel thread forming screws



For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

060-0900 Recessed Mount Plunger Bolt	
Part #	Finish
30675-01	Black Painted



# 060-1300 Flush Mount Security Lock

This redesigned security lock is intended for recreational vehicle entrance doors including motor homes and travel trailers where it is advantageous to use a remote mounted security lock. It features a serviceable KeyOne™ Plus lock cylinder and provides for easier installation.

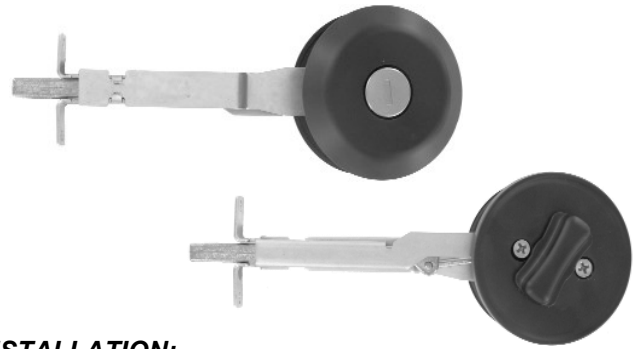
- Entrance door applications in travel trailers and motor homes with thicknesses of 1-1/2" (38.1mm) to 2-1/2" (63.5mm)

## FEATURES/BENEFITS:

- Can be mounted on either hollow or solid core door on travel trailers and motor homes
- Universal round design allows for use on left or right hand doors
- Dead bolt locks into the fully extended position for true dead bolt functioning
- KeyOne™ Plus lock allows for serviceable lock cylinder

## AVAILABLE:

- Keyed random with 100 key codes
- Standard 5-1/2" (139.7mm) backset
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking



## INSTALLATION:

- Security lock sub-assemblies (3) are easy to install with supplied fasteners
- Supplied with gasket already applied under recess in housing flange for simple, clean installation

## MATERIAL:

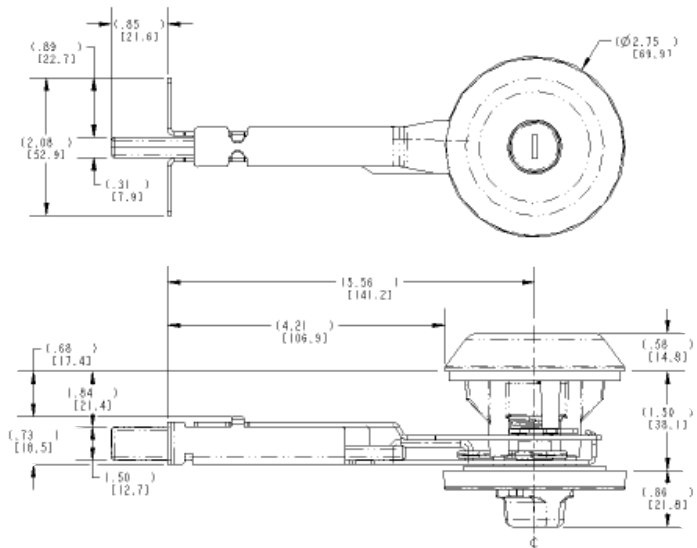
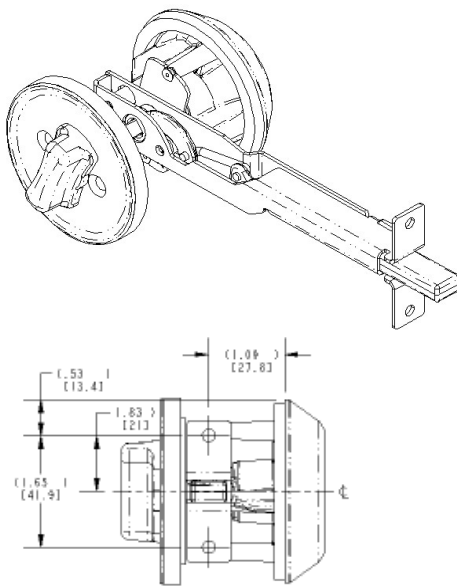
- Interior/exterior housing, lock knob and deadbolt - die cast zinc alloy
- Stamped steel deadbolt carrier

## FINISH:

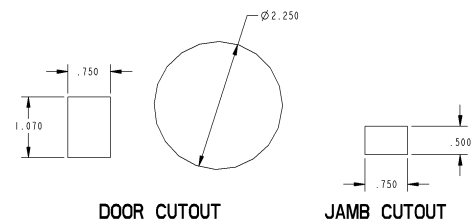
- Black powder coated or chrome
- Zinc plated clear chromate steel components

Patent Pending

For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)



060-1300 Flush Mount Security Lock				
Part #	Door Thickness	Finish	Key Code	Backset
19440-01	1.5"	Low Gloss Black	KeyOne Plus	4.45
19940-02	2"	Low Gloss Black	KeyOne Plus	4.45
19940-03	2.5"	Low Gloss Black	KeyOne Plus	4.45
19940-04	1.5"	Low Gloss Black	KeyOne Plus	4.45
19440-05	2"	Low Gloss Black	KeyOne Plus	4.45
19440-06	2.5"	Low Gloss Black	KeyOne Plus	4.45
19440-07	2.5"	Copper-Nickel Chrome	KeyOne Plus	4.45



# 070-0100 .500 (12.7mm) Diameter Striker Bolt

Designed as a companion part for use with TriMark's single rotor latches and cage nuts that requires a .500 (12.7mm) diameter striker bolt and compliance to FMVSS 206. It is available in a variety of lengths with several drive details and mounting thread choices.



070-0100 (12.7mm) Striker Bolt		
	"A"	"B"
10335-16	.905 (23.0mm)	1.665 (42.3mm)
11628-16	1.045 (26.5mm)	1.805 (45.8mm)
11775-16	.905 (23.0mm)	1.465 (37.2mm)
14533-01	1.300 (33.0mm)	2.060 (52.32mm)

\* WASHER DEFLECTED TO INSTALLED DIMENSION

### INSTALLATION:

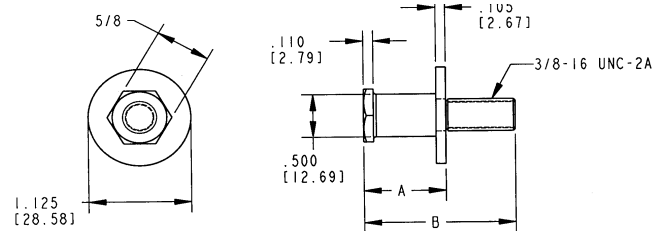
- Torque to 35 ft-lbs (46.7 N-m) minimum depending upon surface conditions

### MATERIAL:

- Typical materials include AISI 4140 and AISI C10B21 steel (or equivalent), heat treated to TriMark ES-141

### FINISH:

- Zinc plated with clear chromate



# 070-0200 .675 (17.1mm) Diameter Striker Bolt

Designed as a companion part for use with TriMark's single rotor latches and cage nuts that requires a .675 (17.1 mm) diameter striker bolt and compliance to FMVSS 206. It is available in a variety of lengths with several drive details and mounting thread choices.

### MATERIAL:

- Typical materials include AISI 4140 and AISI C10B21 steel (or equivalent), heat treated to TriMark ES-141

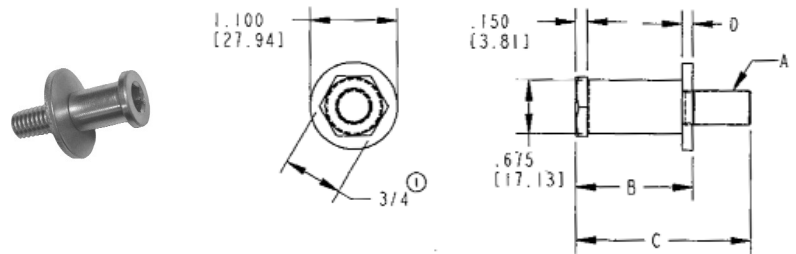
### INSTALLATION:

- Torque 7/16-14 UNC-2A to 56 ft-lbs (74.7 N-m) minimum depending upon surface conditions
- Torque 1/2-13 UNC-2A to 85 ft-lbs (113.3 N-m) minimum depending upon surface conditions
- Torque M12 x 1.75-6g to 75 ft-lbs ( 100.0 N-m) minimum depending upon surface conditions

### FINISH:

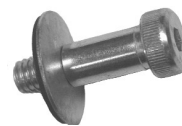
- Zinc plated with clear chromate

070-0200 .675 (17.1mm) Diameter Striker Bolt				
	"A"	"B"	"C"	"D"
10338-16	7/16-14 UNC-2A	1.484 (37.7mm)	2.215 (56.3mm)	.134 (3.4mm)
10339-16	7/16-14 UNC-2A	1.174 (29.8mm)	1.905 (48.4mm)	.150 (3.8mm)
10646-16	7/16-14 UNC-2A	1.284 (32.6mm)	2.025 (51.4mm)	.134 (3.4mm)
10795-16	7/16-14 UNC-2A	.984 (25.0mm)	1.715 (43.6mm)	.134 (3.4mm)
11737-16	M12x1.75	1.489 (37.8mm)	2.205 (56.0mm)	.150 (3.8mm)



# 070-0300 .375 (9.5mm) Diameter Striker Bolt

Designed as a companion part for use with TriMark's single rotor latches and cage nuts that requires a .375 (9.5mm) diameter striker bolt. It is available in a variety of lengths with several drive details and mounting thread choices.



For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)

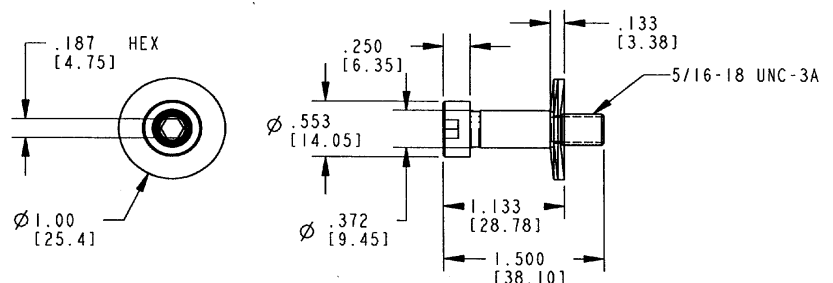
### MATERIAL:

- Striker bolt: Medium carbon steel, heat treated
- Washer: Mild steel

### FINISH:

- Striker bolt: Zinc plated with clear chromate
- Washer: Galvanized zinc

**NOTE:** Does not comply with FMVSS 206



TRIMARK STRIKER BOLTS ARE DESIGNED AND TESTED TO MEET OR EXCEED FMVSS 206 SAFETY REQUIREMENTS ONLY WHEN USED WITH TRIMARK'S CORRESPONDING 206 COMPLIANT LATCHES.

# 070-0400 12mm Diameter Striker Bolt

Designed as a companion part for use with TriMark's single rotor latches and cage nuts that requires a 12mm diameter striker bolt.

**MATERIAL:**

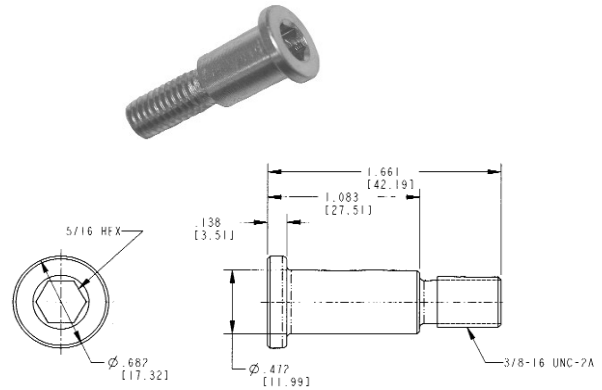
- AISI 4140 steel heat treated

**INSTALLATION:**

- Torque to 35 ft-lbs (46.7 N-m) minimum depending upon surface conditions

**FINISH:**

- Zinc plated with clear chromate



TRIMARK STRIKER BOLTS ARE DESIGNED AND TESTED TO MEET OR EXCEED FMVSS 206 SAFETY REQUIREMENTS ONLY WHEN USED WITH TRIMARK'S CORRESPONDING 206 COMPLIANT LATCHES.

# 090-0100 Rod Clips

Designed to facilitate the connection between the latch and handles with rods for remote actuation and provides for easy assembly.

**AVAILABLE:**

- In right and left hand, or non-handed design
- In a variety of diameters, materials and configurations

**INSTALLATION:**

- Provides for easy assembly of hardware

**MATERIAL:**

- Medium carbon steel, heat treated and parkerized black for extra strength and corrosion resistance
- Color coded nylon for rattle free operation and ease of identification



090-0100 Rod Clips		
Part #	Handing	Rod Diameter
80801-00	Right	.250
80802-00	Left	.250
81082-00	Right	.188
81081-00	Left	.188

For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)



# 100-0400 Brackets

Designed as a companion part for use with TriMark's handles and latches to provide mounting and ease of installation. Versions are available for most TriMark products in a variety of configurations

**AVAILABLE:**

- In a variety of configurations

**FINISH:**

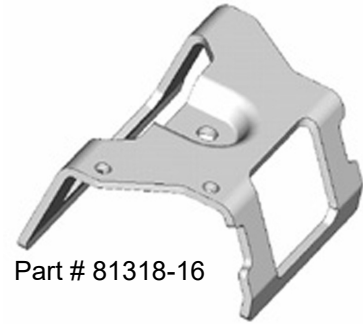
- Zinc plate, clear chromate

**MATERIAL:**

- Typical materials include die cast zinc and steel

**INSTALLATION:**

- Provides for easy assembly of hardware



Part # 81318-16

# 100-0500 Strike Plate

Designed as a companion part for use with TriMark's sliding bolt latches. Versions are available in steel or die cast zinc.

**AVAILABLE:**

- In a variety of configurations

For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)

**FINISH:**

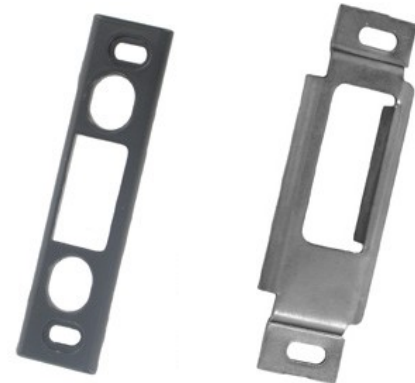
- Die cast zinc - no finish, black powder coated paint
- Steel - zinc plate, clear chromate

**MATERIAL:**

- Typical materials include die cast zinc and steel

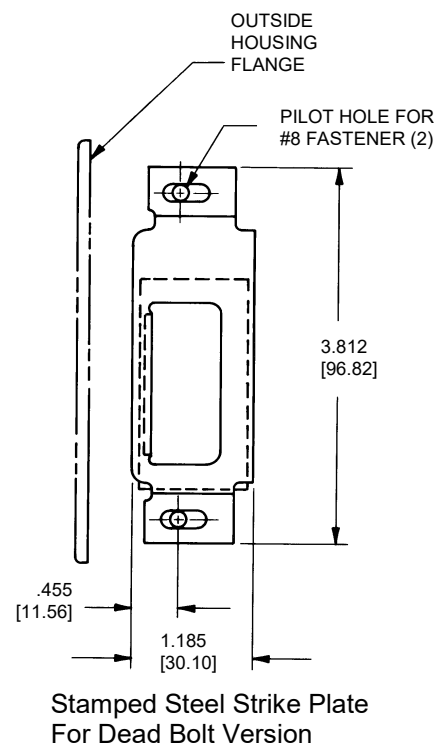
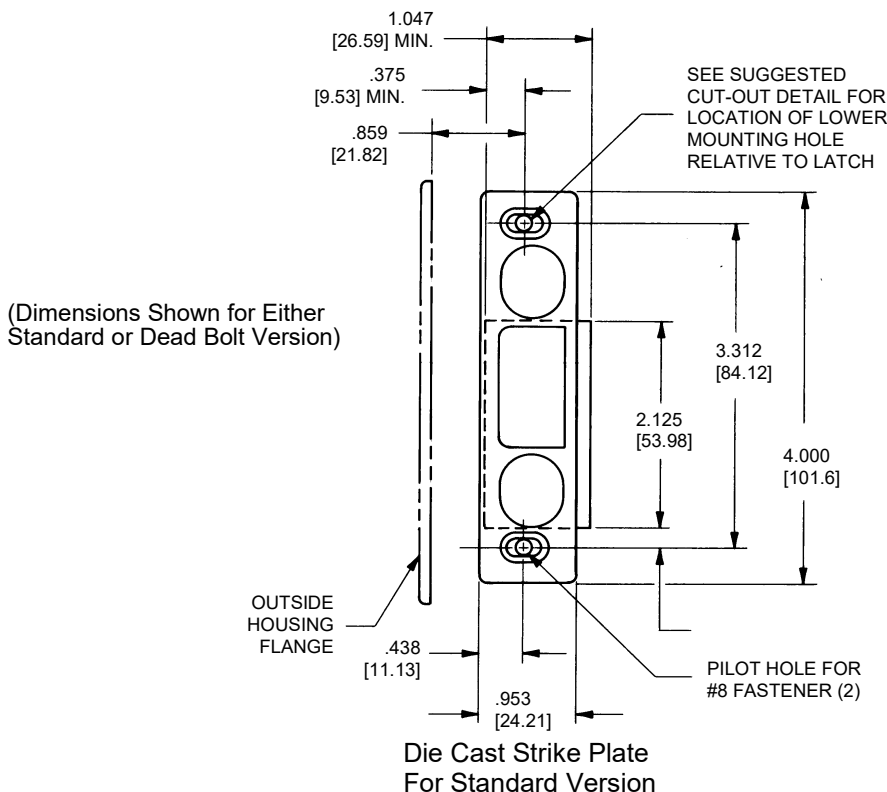
**INSTALLATION:**

- Provides for easy adjustability of door



Part # 11063-12

Part # 11705-15



# 540-0200 Lighted Grab Handle With Keypad

This product incorporates TriMark's e-ASK keypad into a stylish entry assist handle for RV coaches, motor homes and travel trailers. Offering increased end user convenience with high end look and feel, the grab handle provides keyless entry, security, and convenience through a keypad electronic interface. Integration of an optional doorbell is available.

- Incorporation with TriMark mechanical latches, handles and systems by providing keyless entry, security, and convenience for access door systems through a keypad electronics interface

## FEATURES/BENEFITS:

- Increased end user convenience
- Offers modern styling with high end look and feel
- Rugged and durable construction is environmentally sealed for long life
- Lighted keypad and handle rod for more effective night time usage
- Tactile, visual and audio feedback with the ability to control the handle rod LED light also
- Can control numerous entry/compartments doors with independent control of multiple door zones

## AVAILABLE:

- CAN multi-plex or discrete e-PAD Keypad (Reference platforms 540-0100 and 500-1000 for additional information)
- With or without door bell feature
- Handle rod can be personalized with manufacturer name, model, logo etched
- Complete kit with wire harnesses and other accessories
- With e-FOB remote transmitter integration
- With security system integration

## FINISH:

- High quality polished copper-nickel-nickel chrome is durable and stylish

## MATERIAL:

- Sturdy zinc die cast alloy housing, cover and end cap
- Cast acrylic rod in clear or frosted finish

## INSTALLATION:

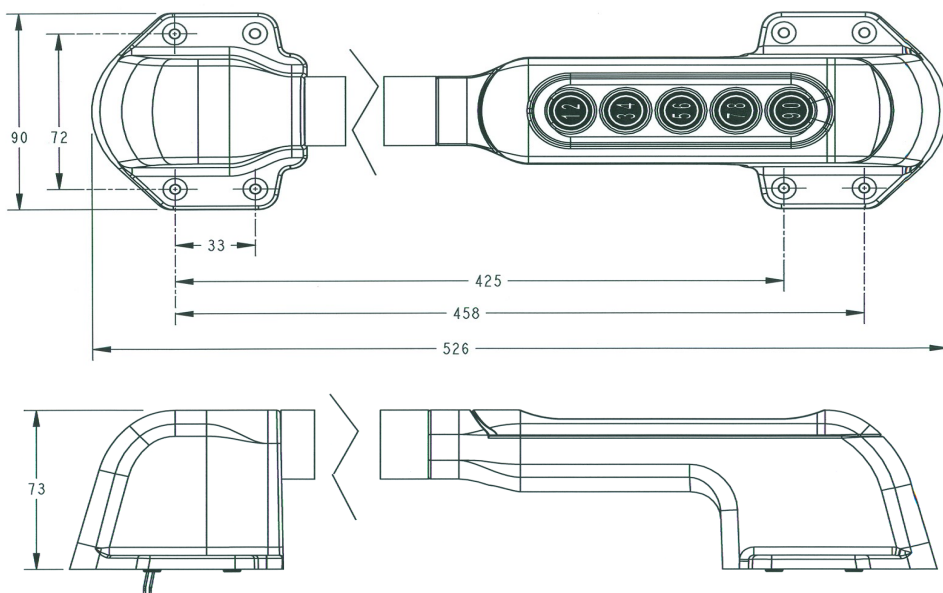
- Easy to install with #8 or M4 fasteners (not supplied)
- Cost effective modular handle requires fewer holes in sidewall than separate components for ease of installation

U.S. Patent No. 7,400,232

Design Patent No. D559,653

For more information visit

[www.trimarkcorp.com](http://www.trimarkcorp.com)



# Key Blanks



Part Number	KS Number	Description	Profile
14264-07-2001	KS100 C	TM051-100, 500+, 600+, 901+	
14264-08-2001	KS110 D	TR051-TR100	
14472-05-2001	KS130 H	TM301-323	
14472-07-2001	KS150 J	TM426-448	
14472-09-2001	KS180 K	TM851-867	
14264-01-2001	KS200 F	TM001-050 & TM201-250	
14264-04-2001	KS300 E	TM101-150	
14264-06-2001	KS400 E	TM151-200	
14472-01-2001	KS600	RH001-050	
14264-03-2001	KS700	(Long, 6-wafer) TRI001-TRI098	
14472-12-2001	KS700	(Short, 5-wafer) TRI200-TRI259	
14710-30	KS720	TM700-729	
14472-04-2001	KS800	CH501-550	
14472-02-2001	KS900	CH751, PK500, LL011, PK556	
16169-10-2000	KS101	1001-1240	
16169-20-2000	KS201	2001-2240	
81205-03	KS610	80000-81000	
16169-30-2000	KS301	3001-3240	

# KeyOne™ Plus

Gone are the days when convenience and security were mutually exclusive terms when describing key code requirements and single key access control. TriMark is featuring a single-key system for the operation of multiple locking products. The patented KeyOne™ Plus approach allows for a single key system that can be installed as the last step by the final stage manufacturer. With the KeyOne™ Plus system, you're getting an automotive-style lock with a larger body diameter for enhanced security, a high quality shutter system and perimeter waterproof seal - reducing the infiltration of dirt and water.

Available on TriMark entrance door handles and compartment locks, the lock cylinder, keyways and keys are available in a variety of codes allowing the customers' flexibility in keying a unit alike and keyed different from unit to unit without giving up overall security. Keys are available in reversible profiles which offers ease of operation, customer convenience and satisfaction. This system also allows for certain products or locks such as a deadbolt lock to be keyed different for an added level of security or restricted access. Master keyed versions are also available, providing dealers, fleet owners, and service technician's convenience and accessibility.



This system addresses another challenge for OEM's, the logistics and line sequencing for the keyed random key codes across their various models and options mix. KeyOne™ Plus provides the OEM the opportunity to line sequence the key code requirements without having to order key cylinders or hardware kits keyed alike in advance of build requirements.

One additional benefit is the opportunity to service the lock cylinder in the event of lost keys or lock cylinder failure.

Look for the KeyOne™ Plus logo in TriMark literature, technical publications and on the TriMark website at [www.trimarkcorp.com](http://www.trimarkcorp.com) for products that do not sacrifice security or convenience.

## Entrance Door Applications



030-0850



030-1400/030-1450



060-0201



030-1425



030-0900



060-1650



020-1100



060-1300

## Compartment Door Applications



060-0460



060-0251



030-2000



060-1100



060-0475



040-1400

# TriMark's e-ASK System (electronic Access & Security Keyless-entry)

## 500-1000 e-ASK System

TriMark's top level e-ASK system consists of a selection of compatible components that allow for complete keyless entry for on or off-highway vehicle applications. Incorporation into TriMark mechanical latches, handles and systems by providing keyless-entry, security, and convenience for access door systems. This system includes the ultimate in end user convenience and functionality.



## 500-1100 e-FOB System

The integration of mechanical handles/latches and keyless-entry electrical products is now available with TriMark's e-ASK System. This cost-effective, simple, and integrated system offers increased security, convenience and functionality with reduced system installation complexity and lower installation costs for demanding users of RVs, heavy trucks, emergency vehicles, agricultural and construction equipment.

Base system provides added convenience and security via a standard remote radio frequency (RF) transmitter providing automotive convenience to your vehicle.

## 500-1200 e-PAD System

The integration of mechanical handles/latches and keyless-entry electrical products is now available with TriMark's e-ASK System. This integrated system offers increased security, convenience and functionality with reduced system installation complexity and lower installation costs for demanding users of RVs, heavy trucks, emergency vehicles, agricultural and construction equipment.

User-friendly keypad system provides visual, audible and touch feedback. Keypad can be mounted horizontally, vertically, and with means to protect against vandalism and other tampering. This system includes both a touch pad and an I/O module for the ultimate in keyless functionality.



## Strength Guidelines

The following table represents strength guidelines for the application of products for their respective duty ratings:

	<u>Light Duty</u>	<u>Medium Duty</u>	<u>Heavy Duty</u>
<b>Door Weights</b>	< 50 lbs. (<23 kg)	50 to 100 lbs. (23-46 kg)	100 to 200 lbs. (46-91 kg)
<b>Striker Bolt Loads</b>	0 to 15 lbs. (0-7 kg)	15 to 25 lbs. (7-11 kg)	25 to 75 lbs. (11-34 kg)

Please consult a TriMark technical representative for applications exceeding the guidelines listed above. In addition, you can also consult with a TriMark technical representative if you're not sure about the correct product selection for your application.

## Guidelines for Mounting Torque

Please note: The following are guidelines only. Installer should follow the fastener manufacturers' recommended torque values and consider the fastener grade/class, materials and surface condition of the threads.

<u>Description</u>	<u>Use</u>	<u>Mounting Torque</u>
M6mm brass inserts	Push button handles	50 to 59 in. lbs. or 5.6 to 6.7 N-m
M8mm brass inserts	Push button handles	59 to 70 in. lbs. or 6.7 to 7.9 N-m
1/4-20 UNC grade 5	Latches	96 to 120 in. lbs. or 10.7 to 13.3 N-m
M6x1 Class 8.8	Latches	96 to 120 in. lbs. or 10.7 to 13.3 N-m
M8x1.25 Class 8.8	Latches	200 in. lbs. or 22.2 N-m
3/8-16 UNC grade 8	Striker bolts	35 ft. lbs or 46.7 N-m
7/16-14 UNC grade 8	Striker bolts	56 ft. lbs. or 74.7 N-m
1/2-13 UNC grade 8	Striker bolts	85 ft. lbs. or 113.3 N-m
M12x1.75 grade 9.8	Striker bolts	85 ft. lbs. or 113.3 N-m
#8-32 thread forming screws	Die cast paddles	40 to 50 in. lbs. or 4.4 to 5.6 N-m
#10-24 thread forming screws	Die cast paddles	40 to 50 in. lbs. or 4.4 to 5.6 N-m

## Latch and Striker Installation

The following are instructions for proper striker installation:

1. Install striker bolt in door frame.
2. Close door carefully and check for interference between head of striker bolt and latch components.
3. Add or remove shims under striker bolt washer as required (outside diameter of shim should be larger than outside diameter of striker bolt washer).
4. Adjust striker bolt vertically so door is not guided upward or downward while being closed.
5. CHECK TO DETERMINE THAT BOTH SECONDARY AND PRIMARY LATCH POSITIONS ARE USABLE.
6. Door should be latched but not "closed" in secondary position and latched to anticipated "closed" position with respect to adjacent surfaces in primary position.
7. If both primary and secondary positions are not evident, re-adjust striker bolt.

## Materials Reference

**Zinc** — TriMark primarily die casts zinc alloy No. 3. This material has high ductility and excellent impact strength makes this material suitable for a wide range of uses. Parts can be cast with thin walls and the excellent surface finish allows for the application of a wide variety of finishes like painting and plating.

**High Strength Low Alloy Steel (HSLA)** — High strength low alloy steel provides outstanding strength, toughness, and ease of fabrication. It is used where high tensile strength is a requirement and provides a high strength-to-weight ratio.

**Stainless Steel (SST or SS)** — Stainless steel materials provide excellent corrosion resistance in high moisture environments. Stamped products allow for buffing and polishing which provides a bright and attractive appearance that is easily maintained. It's used in the manufacture of springs to provide corrosion resistance and long life.

**Powder Metals (P/M)** — Powdered metallurgy or P/M is a method of producing ferrous parts by mixing metal powder, compacting in a die and sintering to bond the particles metallurgically. The P/M process is cost effective in producing metal components to production quality tolerances without machining or scrap and can also provide self-lubricating properties.

**Plastic Materials** — TriMark specifies engineered thermoplastics for situations where non-corrosive, lightweight, and low cost materials are required. The plastic materials used have been carefully selected to meet the functional and aesthetic requirements for each component and/or product.

## Lubrication

Products manufactured by TriMark are lubricated and shipped with a minimum amount of lubrication to function correctly when they leave the factory. Many products have a dry-type solid film lubricant applied that will give years of trouble free performance however; mechanical products do require maintenance and periodic lubrication. The application of a quality lubricant such as Alpha 2000 or its equivalent, will maintain the quality and performance of the TriMark products.

Alpha 2000 is high performance premium grease. It demonstrates excellent mechanical stability with no breakdown after 100,000 cycles. In addition, it has excellent thermal stability and performs well over a wide temperature range. It is also resistant to water and provides corrosion resistance.

## Loads on Rotary Door Latching Hardware

Loads applied to the striker bolt by door seals/gaskets are a significant factor in affecting operational efforts. This load has been referred to as 'door seal load' in the past, but this term has some ambiguity. A distinction needs to be made between the difference of 'door closing force' and 'striker bolt load'. The following are definitions of these terms:

**Door Closing Force (DCF)** — The force required to shut a door completely. When using rotary latch hardware in a door, this would be the point at which the striker engages into the primary position of the latch. This load would be measured in pounds or kilograms of force.

**Striker Bolt Load (SBL)** — The load is exerted between the latch and striker bolt when the door is fully closed. The main factor that would cause this load would be the door seal or gasket. This load is measured in pounds or kilograms of force. TriMark has developed procedures for measuring 'door closing force' and 'striker bolt loads' please call a TriMark representative.

TriMark Test Engineering has measured some door closing forces and striker bolt loads as a comparison. In most cases, the door closing forces have been more than the striker bolt load. This is apparent, due to the fact that when closing a door fully, the striker bolt is required to travel beyond the primary position of a latch in order for the catch to engage into the rotor, resulting in a higher load.

TriMark has studied this issue in detail in order to provide superior door hardware and applications assistance to meet customer requirements and expectations.

## Finishes Reference

**Zinc Plating** — This is TriMark's standard finish for steel components. It is a sacrificial finish, which provides good corrosion protection and is an attractive, bright, metallic finish. Available in clear chromate, they will provide 12 hours of salt spray protection without evidence of red rust per ASTM B-117.

**Copper Nickel-Chrome Plating (CNC or CNNC)** — Commonly referred to as chrome plating, it is an electroplating process, which applies three or four layers of copper, nickel and chromium to a zinc substrate. This plating can be applied over a polished surface to give the part a high luster, mirror-like finish. TriMark can provide a range of service categories (SC) ranging from a decorative finish SC1 all the way up to a SC4, which can survive harsh exterior environments with severe abrasive conditions.

### Service Categories

SC1	Mild service-indoor usage in dry, warm atmosphere
SC2	Moderate service - indoor usage subject to condensation
SC3	Severe service - exterior usage or interior usage on parts exposed to strong cleaners and saline solutions
SC4	Very severe service - exterior usage subject to severe abrasive condition

### Performance Requirements

Service Categories	Corrodokote Test ASTM B380	Cass Test ASTM B368
SC1	N/A	N/A
SC2	One cycle with 4 hours exposure	4 house exposure
SC3	One cycle with 16 hours exposure	16 hours exposure
SC4	Two cycles with 16 house exposure	22 hours minimum exposure

Note: All cycles are without any evidence of corrosion

**Powder Coating** — Powder coating is an electrostatic painting process that utilizes a thermal curing of the finish that results in an excellent topcoat that is attractive, durable, corrosion resistant, and UV stable. Available in a variety of colors and glosses this finish is ideally suited for exterior applications and will withstand approximately 750 hours of salt spray resistance per ASTM B-117 and 1000 hours of exposure per ASTM G53 QUV Weatherometer testing.

**Solid Film Lubricant** — TriMark utilizes a permanent, baked-on solid film lubricant on many of the rotary latch components. This finish provides a low coefficient of friction and approximately 200 hours of salt spray resistance per ASTM B-117.

**E-Coat** — TriMark utilizes an acrylic E-coat as a primer for customer applied paint for enhanced adhesion and corrosion protection. Available in a medium gloss black color it has excellent adhesion, corrosion protection, and UV resistance.

**Pre-Galvanized Music Wire** — This is a zinc plated music spring wire finish that is applied to the wire prior to the final drawing operation. It has a uniform coating and hardness suitable for automatic spring coiling and mechanical forming operations. Corrosion resistance is 32 hours for wire 0.040 in diameter and above and 28 hours for wire 0.023 to 0.039 in diameter.

## Fit for Use

All TriMark products are subject to changes at any time in design, dimensional, specification, material and/or finish.

All TriMark products should be used in accordance with applicable local, state, federal and industrial or commercial regulations. Suitability for applications is the responsibility of the purchaser.

**Warning: The modification and/or alteration of any components or assembly will void warranty and may cause serious injury or death.**



## ***FMVSS and EEC INTEREUROPE Standards:***

**Federal Motor Vehicle Safety Standard No. 206** - National Highway Traffic Safety Administration  
FMVSS 206 - Door locks and door retention components - Passenger Cars, Multipurpose Passenger Vehicles, and Trucks.

Requires locking systems and specifies load requirements for door latches and door hinge systems to minimize the probability of occupants being thrown from the vehicle as a result of forces encountered in vehicle impact. The design and testing requirements of the • FMVSS 206 safety standard require a primary and secondary latching position and must withstand transverse and longitudinal load forces and inertial forces without opening.

Certain *TriMark* products comply with FMVSS 206 and are identified in *TriMark*'s catalog and technical publications. These products have been thoroughly tested in accordance with SAE J839 for the load requirements. In addition, a complete door system analysis of ALL components of the door locks and door retention components for inertia and inside locking requirements must be performed by *TriMark* or the vehicle manufacturer.

**Federal Motor Vehicle Safety Standard No. 302** - National Highway Traffic Safety Administration  
FMVSS 302 - Flammability of Interior Materials - Passenger Cars, Multipurpose Passenger Vehicles, Trucks and Buses.

This standard specifies bum resistance requirements for materials used in the occupant compartment of motor vehicles in order to reduce deaths and injuries caused by vehicle fires.

Certain *TriMark* products comply with FMVSS 302 and are identified in *TriMark*'s catalog and technical publications. These products have been either tested or certified as complying with the standard.





  
**TriMark**<sup>®</sup>  
**Service & Replacement Parts**

1970 N. Linn Ave. • Warehouse L • New Hampton, IA 50659 • USA  
Toll Free: 800-431-8616 • Fax: 641-394-1515 or 641-394-1572  
Email: [trimarkparts@trimarkcorp.com](mailto:trimarkparts@trimarkcorp.com) • [www.trimarkcorp.com](http://www.trimarkcorp.com)

**TriMark Corporation**

500 Bailey Avenue  
P.O. Box 350  
New Hampton, IA 50659  
United States  
Tel: +1 641-394-3188  
Fax: +1 641-394-2392  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

10002707 QM08  ISO 9001: 2008  
10002707 TS09  ISO/TS 16949: 2009  
TriMark Corporation

**TriMark Europe Limited**

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

427961 QM08  ISO 9001 : 2008  
427961 UM  ISO 14001 : 2004  
TriMark Europe Ltd.