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 products such as latches and handles, striker bolts and locks, hinges and window hold-opens to RV dealers, locksmiths, specialty vehicle and other end users.
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", repair part packaging, and stocking programs. 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 on orders that are received by 2:00 P.M. Central Time. VISA, 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
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.

[U.S. Patent No. 5,606,882](#)

### Restriction of Hazardous Substance (RoHS)

*TriMark* is committed to our goals of surpassing environmental standards and being proactive in dealing with concerns for the environment. Our initial efforts focus on complying with all applicable environmental regulations within each country/region in which we do business.

As an example, *TriMark* has identified and selected a zinc plating process that replaces hexavalent chromium with trivalent chrome. This plating process was carefully tested, evaluated and chosen based on its ability to provide a high quality appearance and corrosion protection performance. *TriMark* has begun to initiate this process change to the trivalent chrome zinc plating during the third quarter of 2006, and will be complete by the 31st of December 2006, after which we will not manufacture any parts using hexavalent chrome.

### FMVSS 206 Statements

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>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>010-0300</td>
<td>Locking L-Handle</td>
<td>1-2</td>
</tr>
<tr>
<td>010-0600</td>
<td>Pop-Up T-Handle</td>
<td>3</td>
</tr>
<tr>
<td>020-0150</td>
<td>Grab Handle</td>
<td>4</td>
</tr>
<tr>
<td>020-0700</td>
<td>Flush Pull Handle</td>
<td>5</td>
</tr>
<tr>
<td>030-0100</td>
<td>Single Rotor Compartment Latch</td>
<td>6</td>
</tr>
<tr>
<td>030-0175</td>
<td>Stamped Compartment Latch</td>
<td>7</td>
</tr>
<tr>
<td>030-0185</td>
<td>Stamped Steel 2-Point Paddle Handle</td>
<td>8</td>
</tr>
<tr>
<td>030-0300</td>
<td>Entrance Door Hardware Set</td>
<td>9</td>
</tr>
<tr>
<td>030-0400</td>
<td>Paddle Handle</td>
<td>10</td>
</tr>
<tr>
<td>030-0425</td>
<td>Inside Bezel &amp; Release Lever Assembly</td>
<td>11</td>
</tr>
<tr>
<td>030-0450</td>
<td>2-Point Paddle Handle</td>
<td>12</td>
</tr>
<tr>
<td>030-0900</td>
<td>Motor Home Entrance Door Hardware</td>
<td>13</td>
</tr>
<tr>
<td>030-1000/1050</td>
<td>Motor Home Entrance Door Hardware</td>
<td>14</td>
</tr>
<tr>
<td>030-1100</td>
<td>2-Point Paddle Handle</td>
<td>15</td>
</tr>
<tr>
<td>030-1125</td>
<td>Paddle Handle With Hook</td>
<td>16</td>
</tr>
<tr>
<td>030-1400</td>
<td>Paddle Handle</td>
<td>17</td>
</tr>
<tr>
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<td>Paddle Handle</td>
<td>18</td>
</tr>
<tr>
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<td>19</td>
</tr>
<tr>
<td>030-2000</td>
<td>2-Point Free Float Baggage Lock</td>
<td>20</td>
</tr>
<tr>
<td>040-0500</td>
<td>120mm Push Button Handle</td>
<td>21</td>
</tr>
<tr>
<td>040-0550</td>
<td>163mm Push Button Handle</td>
<td>22</td>
</tr>
<tr>
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# Table of Contents

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>050-0100</td>
<td>Two-Rotor Latch</td>
<td>25</td>
</tr>
<tr>
<td>050-0103</td>
<td>Two-Rotor 2-Position Intertrip</td>
<td>26</td>
</tr>
<tr>
<td>050-0200</td>
<td>Slimline Rotary Latch</td>
<td>27</td>
</tr>
<tr>
<td>050-0250</td>
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<td>28</td>
</tr>
<tr>
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<td>Single Rotor Latch</td>
<td>26</td>
</tr>
<tr>
<td>050-0400</td>
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<td>29</td>
</tr>
<tr>
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<td>Single Rotor Mini-Latch</td>
<td>30</td>
</tr>
<tr>
<td>060-0201</td>
<td>Trailer Latch</td>
<td>31</td>
</tr>
<tr>
<td>060-0251</td>
<td>Trailer Latch With Dead Bolt</td>
<td>32</td>
</tr>
<tr>
<td>060-0300</td>
<td>Flush Mount Security Lock</td>
<td>33</td>
</tr>
<tr>
<td>060-0400</td>
<td>Flush Mounted Baggage Lock</td>
<td>34</td>
</tr>
<tr>
<td>060-0450</td>
<td>EZ Access Baggage Lock</td>
<td>35</td>
</tr>
<tr>
<td>060-0460</td>
<td>Flush Baggage Lock</td>
<td>36</td>
</tr>
<tr>
<td>060-0475</td>
<td>Flush Baggage Door e-LOCK</td>
<td>37</td>
</tr>
<tr>
<td>060-0500</td>
<td>Plunger Bolt Assembly</td>
<td>38</td>
</tr>
<tr>
<td>060-0600/0650</td>
<td>Motor Home Entrance Door Hardware</td>
<td>39</td>
</tr>
<tr>
<td>060-0900</td>
<td>Recessed Mount Plunger Bolt</td>
<td>40</td>
</tr>
<tr>
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</tr>
<tr>
<td>070-0100</td>
<td>.500 (12.7mm) Diameter Striker Bolt</td>
<td>42</td>
</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
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<td>12mm Diameter Striker Bolt</td>
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</tr>
<tr>
<td>090-0100</td>
<td>Rod Clips</td>
<td>44</td>
</tr>
<tr>
<td>100-0500</td>
<td>Strike Plates</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>Key Blanks</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>KeyOne™ Plus</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>e-ASK</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>West Alloy</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>Appendix</td>
<td>49-52</td>
</tr>
</tbody>
</table>

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**Appendix**

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**West Alloy**

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**Key Blanks**

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**KeyOne™ Plus**

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**e-ASK**
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

---

**Standard Finger Clearance (Type 1)**

- 1.250 [31.75]
- 1.500 [38.1]
- 2.250 [57.15]
- 2x 0.200 [5.08]
- √0.390 [9.91] X 82°
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, drive bar lengths and finishes.

FEATURES/BENEFITS:
- Flush mounted - when “T” handle is depressed, rivets and fastener heads are concealed
- Rubber gasket under base provides resistance to water infiltration

AVAILABLE:
- Key lockable with 50 key codes available or keyed alike. Non-locking version is also available
- 1, 2, or 3-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 or white

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Rotation</th>
<th>Degree</th>
<th>Finish</th>
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<th>Drive Bar Length</th>
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<td>White</td>
<td>TM911</td>
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<td>Low Gloss Black</td>
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<td>TM901-950</td>
<td>3.5”</td>
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</table>

DRIVE BAR CHART

| Dimension “D” | 2.500 [63.5] | 3.500 [88.9] |

Mounting Tabs for Neoprene Gasket (Included)

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

<table>
<thead>
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<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tr>
<td>A</td>
<td>458 [18”]</td>
<td>390 [15.3”]</td>
<td>357 [14.0”]</td>
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<tr>
<td>B</td>
<td>495 [19.5”]</td>
<td>427 [16.8”]</td>
<td>395 [15.5”]</td>
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</table>
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)

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

<table>
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<td>10330-35</td>
<td>Right Hand</td>
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<td>Locking (lock sold separately)</td>
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<tr>
<td>11414-09</td>
<td>Left Hand</td>
<td>Black (Plastic)</td>
<td>Locking (lock sold separately)</td>
<td>2-Point</td>
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</table>

For more information visit 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

**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.

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### 030-0100 Single Rotor Compartment Latch

<table>
<thead>
<tr>
<th>Part #</th>
<th>Finish</th>
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<td>Yellow Chromate</td>
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<tr>
<td>11414-09</td>
<td>Yellow Chromate</td>
<td>Padlock</td>
</tr>
</tbody>
</table>

For more information visit www.trimarkcorp.com
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
**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

<table>
<thead>
<tr>
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<td>CH502</td>
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</tr>
<tr>
<td>15644-03</td>
<td>Buffed Stainless Steel</td>
<td>Non-Locking</td>
<td>Single Point</td>
</tr>
<tr>
<td>16283-01</td>
<td>Buffed Stainless Steel</td>
<td>CH502</td>
<td>2-Point</td>
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<tr>
<td>16283-02</td>
<td>Buffed Stainless Steel</td>
<td>CH508</td>
<td>2-Point</td>
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<td>16284-01</td>
<td>Buffed Stainless Steel</td>
<td>CH508</td>
<td>Single Point</td>
</tr>
</tbody>
</table>

For more information visit www.trimarkcorp.com
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 deadbolt
- 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.

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

For more information visit www.trimarkcorp.com

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<table>
<thead>
<tr>
<th>Part #</th>
<th>Handing</th>
<th>Description</th>
<th>Finish</th>
<th>Keying</th>
</tr>
</thead>
<tbody>
<tr>
<td>10362-15</td>
<td>Right</td>
<td>Rotary Latch</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>10363-15</td>
<td>Left</td>
<td>Rotary Latch</td>
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<td>N/A</td>
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<tr>
<td>10611-05</td>
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<td>RH001-050</td>
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<tr>
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<td>Kit</td>
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<td>RH001-050</td>
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<tr>
<td>10900-05-E</td>
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<td>Kit</td>
<td>Chrome</td>
<td>RH001-050</td>
</tr>
<tr>
<td>11021-05</td>
<td>Left</td>
<td>Inside Plate</td>
<td>Chrome</td>
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</tr>
<tr>
<td>11022-05</td>
<td>Right</td>
<td>Inside Plate</td>
<td>Chrome</td>
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<td>Inside Plate</td>
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<td>11896-01</td>
<td>Right</td>
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<td>TM201-250</td>
</tr>
<tr>
<td>12039-12</td>
<td>Left</td>
<td>Exterior Paddle</td>
<td>Medium Gloss Black</td>
<td>TM211</td>
</tr>
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</table>
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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Handing</th>
<th>Finish</th>
<th>Key Code</th>
<th>Mounting Stud</th>
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<tr>
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<td>TM205-250</td>
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<tr>
<td>13438-04</td>
<td>Right</td>
<td>Low Gloss Black</td>
<td>TM205-250</td>
<td>A</td>
</tr>
<tr>
<td>13438-05</td>
<td>Right</td>
<td>Copper-Nickel-Chrome</td>
<td>TM211</td>
<td>B</td>
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<td>14312-01</td>
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<td>Low Gloss Black</td>
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<td>Textured Black</td>
<td>KeyOne™</td>
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<tr>
<td>17189-01</td>
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<td>Low Gloss Black</td>
<td>KeyOne™ Plus</td>
<td>A</td>
</tr>
<tr>
<td>17191-01</td>
<td>Right</td>
<td>Low Gloss Black</td>
<td>KeyOne™ Plus</td>
<td>A</td>
</tr>
</tbody>
</table>

**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

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

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

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

**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

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Handing</th>
<th>Finish (Release/Lock Lever)</th>
<th>Lock Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>11297-01</td>
<td>Left</td>
<td>Textured Black</td>
<td>Manual Lock</td>
</tr>
<tr>
<td>11297-35</td>
<td>Left</td>
<td>Copper-Nickel-Chrome</td>
<td>Manual Lock</td>
</tr>
<tr>
<td>11297-37</td>
<td>Left</td>
<td>Low Gloss Black</td>
<td>Manual Lock</td>
</tr>
<tr>
<td>11298-35</td>
<td>Right</td>
<td>Copper-Nickel-Chrome</td>
<td>Manual Lock</td>
</tr>
<tr>
<td>11298-37</td>
<td>Right</td>
<td>Low Gloss Black</td>
<td>Manual Lock</td>
</tr>
</tbody>
</table>

For more information visit www.trimarkcorp.com
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

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

For more information visit www.trimarkcorp.com
**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 (not included)
- 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
- 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

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Finish</th>
<th>Main Lock Key Code</th>
<th>Dead Bolt Key Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>17217-02</td>
<td>Exterior Paddle</td>
<td>Low Gloss Black</td>
<td>TM205-250</td>
<td>Tri001-098</td>
</tr>
<tr>
<td>21397-01</td>
<td>Inside Handle</td>
<td>Colonial White</td>
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<tr>
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<td>KeyOne</td>
<td>Tri001-098</td>
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<td>17217-01</td>
<td>Exterior Paddle</td>
<td>Low Gloss Black</td>
<td>KeyOne Plus</td>
<td>2141-2240</td>
</tr>
</tbody>
</table>

For more information visit www.trimarkcorp.com
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
- Applications requiring resistance to water and dirt infiltration
- Door seal pressures of 25 lbs. (11 kg) or less for ease of function and maximum life
- Right hand door applications

**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
- Serviceable shuttered key cylinder
- 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

**MATERIAL:**
- Housing, inside plates, paddles, and certain lock actuating components: die cast zinc alloy

**FINISH:**
- Black powder coated
- Copper-nickel-chrome
- White 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

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

### 030-1000 Motor Home Entrance Door Hardware

<table>
<thead>
<tr>
<th>Part #</th>
<th>Key Code</th>
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<th>Door Thickness</th>
</tr>
</thead>
<tbody>
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<td>Low Gloss Black</td>
</tr>
<tr>
<td>12486-37</td>
<td>Inside Release</td>
<td>N/A</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>13220-02</td>
<td>Exterior Paddle</td>
<td>TM205-250 MKF</td>
<td>Low Gloss Black</td>
</tr>
</tbody>
</table>

### 030-1050 With Dead Bolt Option

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

**MATERIAL:**
- Housing, inside plates, paddles, and certain lock actuating components: die cast zinc alloy

**FINISH:**
- Black powder coated
- Copper-nickel-chrome
- White 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

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

### 030-1000 Motor Home Entrance Door Hardware

<table>
<thead>
<tr>
<th>Part #</th>
<th>Key Code</th>
<th>Finish</th>
<th>Door Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>12149-37</td>
<td>Inside Release</td>
<td>N/A</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>12486-37</td>
<td>Inside Release</td>
<td>N/A</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>13220-02</td>
<td>Exterior Paddle</td>
<td>TM205-250 MKF</td>
<td>Low Gloss Black</td>
</tr>
</tbody>
</table>

### 030-1050 With Dead Bolt Option

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

**MATERIAL:**
- Housing, inside plates, paddles, and certain lock actuating components: die cast zinc alloy

**FINISH:**
- Black powder coated
- Copper-nickel-chrome
- White 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

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

### 030-1000 Motor Home Entrance Door Hardware

<table>
<thead>
<tr>
<th>Part #</th>
<th>Key Code</th>
<th>Finish</th>
<th>Door Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>12149-37</td>
<td>Inside Release</td>
<td>N/A</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>12486-37</td>
<td>Inside Release</td>
<td>N/A</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>13220-02</td>
<td>Exterior Paddle</td>
<td>TM205-250 MKF</td>
<td>Low Gloss Black</td>
</tr>
</tbody>
</table>

### 030-1050 With Dead Bolt Option

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

**MATERIAL:**
- Housing, inside plates, paddles, and certain lock actuating components: die cast zinc alloy

**FINISH:**
- Black powder coated
- Copper-nickel-chrome
- White 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

Meets FMVSS 206 load requirements and may be used in FMVSS 206 applications pending TriMark application approval.
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™
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking
- 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 (please inquire)

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Finish</th>
<th>Key Code</th>
<th>Rod Collar</th>
</tr>
</thead>
<tbody>
<tr>
<td>12395-02</td>
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<td>No</td>
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<td>12395-37</td>
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<td>Non-Locking</td>
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<td>14061-01</td>
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<tr>
<td>14061-02</td>
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<td>TM901-950</td>
<td>2 Collars</td>
</tr>
<tr>
<td>14317-02</td>
<td>Low Gloss Black</td>
<td>Non-Locking</td>
<td>2 Collars</td>
</tr>
</tbody>
</table>
**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
- Lock can be keyed to match other TriMark door products with KeyOne™ Plus for a single-key system, keyed alike or provided non-locking
- Slam action version
- With rod collars

**FINISH:**
- Black powder coated

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

**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)

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Finish</th>
<th>Key Code</th>
<th>Rod Collar</th>
<th>Version</th>
</tr>
</thead>
<tbody>
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<td>TM904-950</td>
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<td>12710-03</td>
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<td>No</td>
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<tr>
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<tr>
<td>13979-01</td>
<td>Low Gloss Black</td>
<td>Non-Locking</td>
<td>Yes (1)</td>
<td>A</td>
</tr>
<tr>
<td>13979-02</td>
<td>Low Gloss Black</td>
<td>Non-Locking</td>
<td>No</td>
<td>A</td>
</tr>
</tbody>
</table>
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)
- Retrifs with most 030-0400 flush paddle handles

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

For more information visit
www.trimarkcorp.com
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

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

Patents Pending

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**030-1425 Inside Bezel and Release Lever Assembly**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Handling</th>
<th>Finish</th>
<th>Key Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>21430-02</td>
<td>Left</td>
<td>Low Gloss Black</td>
<td>Manual Lock</td>
</tr>
</tbody>
</table>

For more information visit www.trimarkcorp.com
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

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

**For more information visit**
www.trimarkcorp.com

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<table>
<thead>
<tr>
<th>Part #</th>
<th>Handing</th>
<th>Finish</th>
<th>Key Code</th>
<th>Mounting Stud</th>
</tr>
</thead>
<tbody>
<tr>
<td>20599-04</td>
<td>Right</td>
<td>Low Gloss Black</td>
<td>2001</td>
<td>Short Stud with Bracket</td>
</tr>
<tr>
<td>22676-08</td>
<td>Right</td>
<td>Low Gloss and Copper-Nickel Nickel Chrome Handle</td>
<td>2001</td>
<td>Short Stud with Bracket</td>
</tr>
</tbody>
</table>
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)

<table>
<thead>
<tr>
<th>030-2000 2-Point Free Float Baggage Lock</th>
<th>Part #</th>
<th>Handing</th>
<th>Finish</th>
<th>Key Code</th>
<th>Actuation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18054-01</td>
<td>Non-Handed</td>
<td>Low Gloss Black</td>
<td>KeyOne Plus</td>
<td>2-Point</td>
</tr>
<tr>
<td></td>
<td>18088-01</td>
<td>Non-Handed</td>
<td>Low Gloss Black</td>
<td>Non-Locking</td>
<td>2-Point</td>
</tr>
</tbody>
</table>

**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

For more information visit 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
- Retrofitable 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

For more information visit www.trimarkcorp.com

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

For more information visit 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

For more information visit www.trimarkcorp.com

**INSTALLATION:**
- Installed with (2) M8 x 1.25 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

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<table>
<thead>
<tr>
<th>Part #</th>
<th>Handing</th>
<th>Finish</th>
<th>Key Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>18914-02</td>
<td>Non-handed</td>
<td>Gray</td>
<td>TA183</td>
</tr>
<tr>
<td>18914-03</td>
<td>Non-handed</td>
<td>Gray</td>
<td>CH751</td>
</tr>
<tr>
<td>18915-01</td>
<td>Non-handed</td>
<td>Gray</td>
<td>TA001-010</td>
</tr>
<tr>
<td>18915-02</td>
<td>Non-handed</td>
<td>Gray</td>
<td>TA183</td>
</tr>
<tr>
<td>18916-01</td>
<td>Non-handed</td>
<td>Gray</td>
<td>Non-locking</td>
</tr>
</tbody>
</table>
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 retrofitable 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 x 1.0 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

<table>
<thead>
<tr>
<th>040-0600 TriMount Push Button Handle</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mounting</strong></td>
</tr>
<tr>
<td>163mm (2 Hole)</td>
</tr>
<tr>
<td>120mm (2 hole)</td>
</tr>
<tr>
<td>120mm (3 hole)</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>14630 (Merit)</td>
</tr>
<tr>
<td>KA Rev TA 183</td>
</tr>
<tr>
<td>KR Rev TA001-010</td>
</tr>
</tbody>
</table>

For more information visit www.trimarkcorp.com
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)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Handing</th>
<th>Mounting</th>
<th>Trip Lever</th>
</tr>
</thead>
<tbody>
<tr>
<td>11471-16</td>
<td>Right</td>
<td>1/4-20 UNC</td>
<td>Straight</td>
</tr>
<tr>
<td>11879-01</td>
<td>Left</td>
<td>.286&quot;</td>
<td>Straight</td>
</tr>
<tr>
<td>11945-16</td>
<td>Right</td>
<td>1/4-20 UNC</td>
<td>2-Point</td>
</tr>
<tr>
<td>12196-16</td>
<td>Left</td>
<td>M6 x 1.0</td>
<td>L-Shaped</td>
</tr>
</tbody>
</table>

**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

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.

For more information visit
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, yellow 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

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.

050-0300 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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Trip Lever</th>
<th>Actuation</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>11419-16</td>
<td>Shown</td>
<td>Finger Release</td>
<td>.265&quot; (6.7mm)</td>
</tr>
<tr>
<td>12226-16</td>
<td></td>
<td>Finger Release</td>
<td>.265&quot; (6.7mm)</td>
</tr>
<tr>
<td>13281-01</td>
<td>Non-Handed</td>
<td>Straight</td>
<td>M6 X 1.0</td>
</tr>
<tr>
<td>14382-01</td>
<td>Non-Handed</td>
<td>Straight</td>
<td>.265&quot; (6.7mm)</td>
</tr>
</tbody>
</table>
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

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.

For more information visit www.trimarkcorp.com
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

**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

Latch and linkage complies with FMVSS 206 when tested with approved Trimark Striker Bolts in accordance with SAE J839.

Patent Pending

For more information visit www.trimarkcorp.com
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 ± .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

**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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Handing</th>
<th>Mounting</th>
<th>Actuation</th>
<th>Actuation Feature</th>
<th>Actuation Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>11615-01</td>
<td>Left</td>
<td>.286 (7.3mm) Diameter Through Axles</td>
<td>Convention Straight</td>
<td>None</td>
<td>Standard Mount</td>
</tr>
<tr>
<td>11616-01</td>
<td>Right</td>
<td>.286 (7.3mm) Diameter Through Axles</td>
<td>Conventional Straight</td>
<td>None</td>
<td>Standard Mount</td>
</tr>
<tr>
<td>13921-01</td>
<td>Left</td>
<td>.286 (7.3mm) Diameter Through Axles</td>
<td>Conventional Straight</td>
<td>Torsion Spring</td>
<td>Standard Mount</td>
</tr>
<tr>
<td>14325-01</td>
<td>Right</td>
<td>1/4-20 UNC Threaded Axles</td>
<td>Convention 2-Point</td>
<td>None</td>
<td>Standard Mount</td>
</tr>
<tr>
<td>14923-01</td>
<td>Right</td>
<td>.286 (7.3mm) Diameter Through Axles</td>
<td>Convention Straight</td>
<td>Torsion Spring</td>
<td>Standard Mount</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Handing</th>
<th>Actuation</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>13374-01*</td>
<td>Right</td>
<td>2-Point</td>
<td>1/4-20 UNC</td>
</tr>
<tr>
<td>13776-01</td>
<td>Left</td>
<td>2-Point</td>
<td>1/4-20 UNC</td>
</tr>
<tr>
<td>15159-01</td>
<td>Right</td>
<td>2-Point</td>
<td>1/4-20 UNC</td>
</tr>
<tr>
<td>15160-01</td>
<td>Left</td>
<td>2-Point</td>
<td>1/4-20 UNC</td>
</tr>
<tr>
<td>15252-01</td>
<td>Right</td>
<td>L-Shaped</td>
<td>.286*</td>
</tr>
<tr>
<td>15253-01</td>
<td>Left</td>
<td>L-Shaped</td>
<td>.286*</td>
</tr>
<tr>
<td>16979-01</td>
<td>Left</td>
<td>Direct</td>
<td>Base</td>
</tr>
<tr>
<td>16903-01</td>
<td>Right</td>
<td>Direct</td>
<td>Base</td>
</tr>
</tbody>
</table>

**FINISH:**
- Zinc plated, clearchromate
- 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.

For more information visit
www.trimarkcorp.com
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
- Automotive styling
- 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 or non-corrosive stainless steel
- Non-metallic plunger

**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 206 LOAD REQUIREMENTS.

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

For more information visit www.trimarkcorp.com
060-0201 and 060-0251

**FEATURES/BENEFITS:**
- 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

For more information visit
www.trimarkcorp.com

---

<table>
<thead>
<tr>
<th>060-0201 Trailer Latch</th>
<th>060-0251 Trailer Latch With Dead Bolt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part #</td>
<td>Finish</td>
</tr>
<tr>
<td>14900-01 Exterior Paddle</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>14901-01 Exterior Paddle</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>15702-01 Exterior Paddle</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>15711-01 Exterior Paddle</td>
<td>Low Gloss Black</td>
</tr>
<tr>
<td>15774-01 Plate Cover</td>
<td>Low Gloss Black</td>
</tr>
</tbody>
</table>

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

---

For the 060-0201 & 060-0251 latches
**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
- Retrofittable 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**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Finish</th>
<th>Backset</th>
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</thead>
<tbody>
<tr>
<td>11690-00</td>
<td>Dead Bolt</td>
<td>N/A</td>
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<tr>
<td>11692-12</td>
<td>Complete Assembly</td>
<td>Medium Gloss Black</td>
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<tr>
<td>11840-01</td>
<td>Complete Assembly</td>
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<tr>
<td>11840-02</td>
<td>Complete Assembly</td>
<td>Black Textured Paint</td>
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</table>

---

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
- White 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

<table>
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<tr>
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<tr>
<td>11959-37</td>
<td>Single</td>
<td>Non-Locking</td>
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<tr>
<td>12006-37</td>
<td>2-Point</td>
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<td>12054-37</td>
<td>Single</td>
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<td>12055-37</td>
<td>2-Point</td>
<td>TM500</td>
<td>Low gloss Black</td>
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<td>2-Point</td>
<td>KeyOne</td>
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<tr>
<td>16802-01</td>
<td>Single</td>
<td>KeyOne Plus</td>
<td>Low Gloss Black</td>
</tr>
</tbody>
</table>

Note: Keys sold separately

For more information visit www.trimarkcorp.com
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 1-800-447-0343.

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**060-0450 EZ Access Baggage Door Lock**

<table>
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<tr>
<th>Part #</th>
<th>Handing</th>
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</thead>
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<tr>
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<td>Non-Handed</td>
<td>Low Gloss Black</td>
<td>2002</td>
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<tr>
<td>19750-02</td>
<td>Non-Handed</td>
<td>Low Gloss Black</td>
<td>Non-Locking</td>
</tr>
</tbody>
</table>

*Lock sold separately

For more information visit 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

For more information visit www.trimarkcorp.com

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

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

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

For more information visit
www.trimarkcorp.com

<table>
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<tr>
<th>Part #</th>
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<td>Plastic</td>
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<td>Non-handed</td>
<td>Copper-Nickel Chrome</td>
<td>KeyOne Plus</td>
<td>Plastic</td>
</tr>
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<td>20356-01</td>
<td>Non-handed</td>
<td>Low Gloss Black</td>
<td>Non-Locking</td>
<td>Zinc</td>
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<td>20356-02</td>
<td>Non-handed</td>
<td>Low Gloss Black</td>
<td>Non-Locking</td>
<td>Plastic</td>
</tr>
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<td>20356-03</td>
<td>Non-handed</td>
<td>Low Gloss Black</td>
<td>KeyOne Plus</td>
<td>Plastic</td>
</tr>
</tbody>
</table>
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 mounted 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. 5,360,355

For more information visit [www.trimarkcorp.com](http://www.trimarkcorp.com)
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
- Serviceable shuttered key cylinder
- 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 (060-0650)

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

This product is currently under a redesign and will be replaced within 12 months. For additional information, please contact Customer Service at 1-800-447-0343.

**FINISH:**
- Black powder coated
- Copper-nickel-chrome plated

**MATERIAL:**
- Housing, inside plates, paddles, plunger bolt and certain lock actuating components: die cast zinc alloy
- Strike plate: heat treated and zinc plated steel

**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

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

For more information visit www.trimarkcorp.com
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

AVAILABLE:
- Custom rods up to .188 diameter (4.5mm)

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
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
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.

**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

For more information visit www.trimarkcorp.com

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.

070-0200 .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
070-0300 .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.

**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 TRI MARK CORRESPONDING 206 COMPLIANT LATCHES.

For more information visit www.trimarkcorp.com

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
**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

For more information visit www.trimarkcorp.com

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**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

**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

(Dimensions Shown for Either Standard or Dead Bolt Version)
### Key Blanks

<table>
<thead>
<tr>
<th>Part Number</th>
<th>KS Number</th>
<th>Description</th>
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</table>
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 for products that do not sacrifice security or convenience.
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.
We are pleased to announce that on September 20, 2007 TriMark Europe Ltd, a subsidiary of TriMark Corporation, have acquired West Alloy Ltd. Located in the UK. West Alloy is a market leader in the design and manufacture of locks, hinges, window stays and associated fittings for the world’s best-known industrial and leisure vehicles.

West Alloy has built a sound reputation for on-time delivery of quality products including the Caraloc line of products which includes exterior handles and interior latch assemblies designed for the European Caravan industry. Also available are baggage door locks, grab handles, folding table legs and cam locks.

For more information on West Alloy’s range of products, contact West Alloy at +44(0)20883372211 or visit
Strength Guidelines

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

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

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.

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, making it 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. This product is available in 14 oz. Cartridges through TriMark Service & Replacement Parts.
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

<table>
<thead>
<tr>
<th>Service Categories</th>
<th>Corrodkote Test</th>
<th>Cass Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC1</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>SC2</td>
<td>One cycle with 4 hours exposure</td>
<td>4 house exposure</td>
</tr>
<tr>
<td>SC3</td>
<td>One cycle with 16 hours exposure</td>
<td>16 hours exposure</td>
</tr>
<tr>
<td>SC4</td>
<td>Two cycles with 16 house exposure</td>
<td>22 hours minimum exposure</td>
</tr>
</tbody>
</table>

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.

**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.
**FMVSS and EEC INTEREUROPE Standards:**

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.

FMVSS 302 - Flammability of Interior Materials - Passenger Cars, Multipurpose Passenger Vehicles, Trucks and Buses.

This standard specifies burn 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.
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