



# Installation Instructions

## Half Door with Rotary Latch

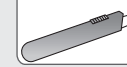
(for Replacement of Steel Doors)

### Vehicle Application

- Jeep Wrangler TJ  
1997 – 2006  
Part Number: 53039

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| INSTALLATION TIME                                                                                    | SKILL LEVEL                                                                    |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <br><b>1/2 Hour</b> | <div><div>1</div><div>2</div><div>3</div><div>4</div></div><br><b>1 - Easy</b> |

| TOOLS                                                                                               |                                                                                                           |                                                                                                               |                                                                                                    |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <br>Safety Glasses | <br>Phillips Screwdriver | <br>Wrench<br>7/16" and 3/8" | <br>Utility Knife |



### CAUTION

Safety glasses should be worn at all times while installing this product.



Use of this product will eliminate the factory side mirrors and requires the removal of the entry light bulbs.

### Installation Tips

Before you begin installing this assembly, read all instructions thoroughly.

#### For a smooth fit:

For ease in installation, the product should be installed at temperatures above 72° F. Below this temperature, the fabric may contract an inch or more, making it difficult to fit to the vehicle. It is normal for fabric to contract and wrinkle when stored in the shipping carton. Within a few days after the installation, the fabric will relax and the wrinkles will disappear.



### WARNING

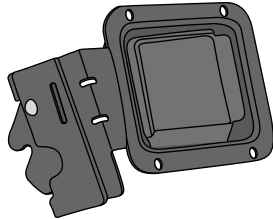
This product is designed primarily to enhance the appearance of the vehicle and to shield the occupants from ordinary weather conditions. Do not rely in any way on the components of this product to contain occupants within the vehicle, or to protect against injury or death in the event of an accident. This product will not protect the occupants from falling objects. Never operate the vehicle in excess of manufacturer's specifications.

### WEAR SEAT BELTS AT ALL TIMES

Read and follow, precisely, all installation instructions provided when installing product. Failure to do so may result in a poor fit and could place occupants of the vehicle in a potentially dangerous situation.

## Parts List and Hardware Identification

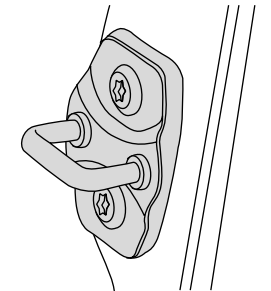
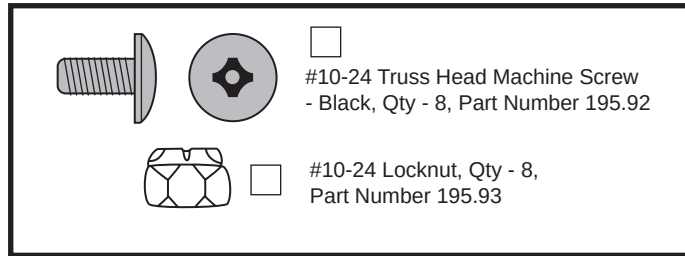
|                 |         |
|-----------------|---------|
| Lower Door, Rt. | Qty - 1 |
| Lower Door, Lt. | Qty - 1 |
| Spacer Kit      | Qty - 1 |



Latches - Rotary Paddle  
Handle - Rt., Qty - 1, Part number 454.42  
Lt., Qty - 1, Part number 454.43



If your vehicle does not have the latch pin assembly illustrated here, you have an incorrect part for your vehicle. Please call the 1-800 number before attempting installation.



**Special Note:** The Rotary Latch Paddle Handle **will only** latch on the automobile manufacturer's original equipment steel latch pin located on the vehicle. **Do Not adjust or remove this part.**



### WARNING

The doors in this product are designed only for protection against the elements. Do not rely on the doors to contain occupants within the vehicle or to protect against injury during an accident. Door handles are only designed to aid in door closure. Door and handle will not support a person's weight.

## Half Door Installation



### WARNING

It is important that the Paddle Handle must align correctly with the automobile manufacturer's original equipment steel latch pin located on the vehicle. Failure to properly install the paddle handle may result in the door accidentally opening. IMPROPER CLOSURE COULD RESULT IN SERIOUS INJURY OR DEATH TO THE OCCUPANTS. WEAR SEAT BELTS AT ALL TIMES. DRIVE CAREFULLY.

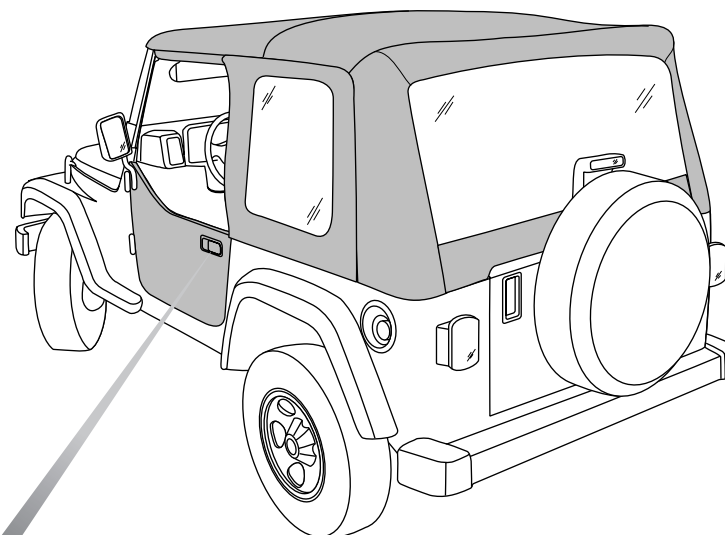
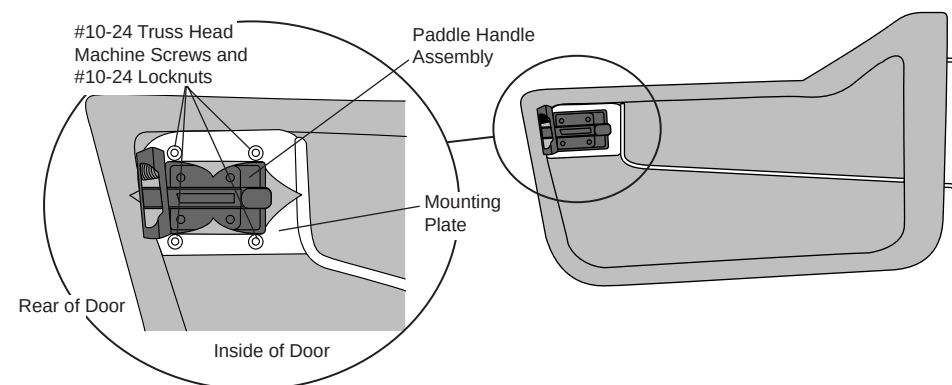
**CAUTION:** DO NOT attempt to adjust the Original Equipment Latch Pin (illustrated on Page 2). Doing so could result in damage to the pin.

### Step One

Locate the pre-cut "X" in the lower door panel where the Paddle Handle will fit into the mounting plate on the door frame. Fold the pre-cut fabric back and insert the Paddle Handle into the mounting plate so that the latch mechanism is inside of the vehicle and the latch bolt is toward the rear of the door. Align the four holes in the Paddle Handle Assembly with the four holes in the mounting plate. Use a utility knife to punch four holes in the fabric to match the holes in the Paddle Handle and the mounting plate. Insert four #10-24 Truss Head Machine Screws from the outside and secure them with #10-24 Locknuts. Do not tighten the screws until adjustment in Step #2.

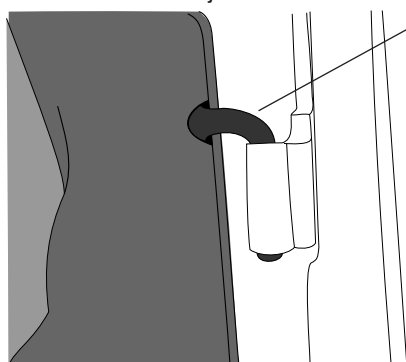
**Important:** You should check alignment of the Paddle Handle to the steel latch pin before tightening the screws. If out of alignment, align and retighten the screws securely.

Trim the excess fabric around the Paddle Handle. Repeat for both lower doors.

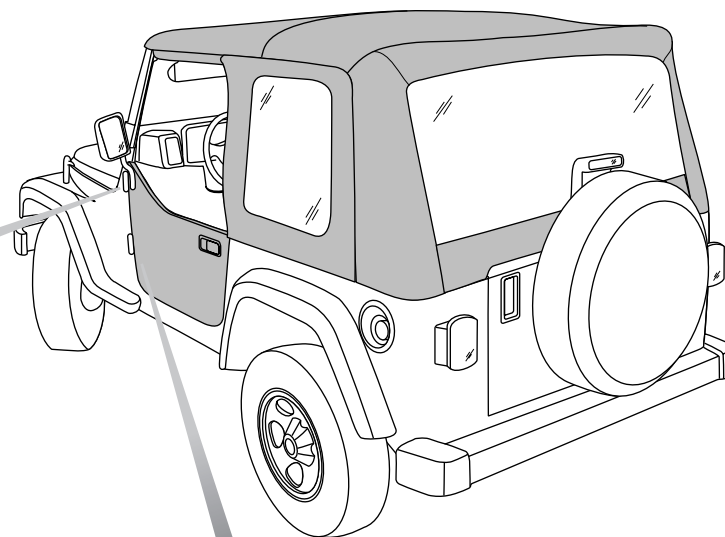


## Step Two

Hold the door open and perpendicular to the vehicle with the hinge pins over the body hinges. Lower the pins into the hinges. Make sure that the pins are fully inserted into the body hinges. Close the door and check all sides to make sure that the door fits properly against the body. The latch can be adjusted for the best contact to the latch pin by loosening the four mounting screws and sliding the latch forward or rearward. Tighten all screws after the adjustment.



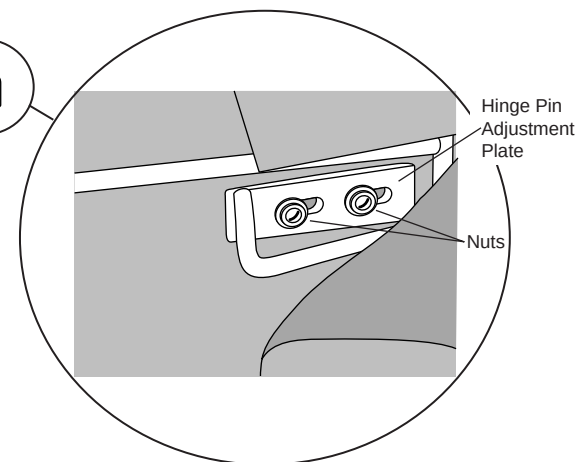
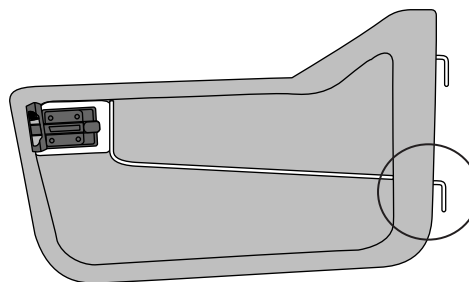
Some Installations require bending of this steel pin



## Step Three

Locate the Lower Hinge Pin Adjustment Plate on the Door frame. If the Door needs to be adjusted for a better fit against the body, use a 7/16" Wrench to loosen the two nuts in the adjustment plate. Slide the Hinge Pin backward or forward as necessary for the best fit. Tighten the nuts.

**Note:** If the lower door pivot does not provide enough adjustability for correct latch adjustment (the door does not latch properly), follow the instructions in the enclosed spacer kit.



## Care and Maintenance of your Bestop Product

Your Bestop product is made of the finest materials available. To keep it looking new and for the maximum possible wear, it will need periodic cleaning and maintenance.

**Washing:** The fabric should be washed often using soap, warm water and a soft bristle brush. Rinse with clear water to remove all traces of soap or use Bestop-recommended Bestop Cleaner and Bestop Protectant. Bestop Cleaner and Bestop Protectant are specially formulated to provide a total cleaning and protection system. Bestop Cleaner will not harm vehicle finish, is biodegradable and environmentally friendly. Bestop Protectant protects against UV-fading, cracking and hardening.

**Water:** Seeping through at the seams may be stopped by applying 3-M Scotchgard® on the inside of the seams. Rips in the fabric may be repaired with Bondex® iron on patches. Iron the patches to the Inside of the top, carefully following the Bondex® instructions.

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## LIMITED WARRANTY

We warrant our product to be free from defects in material and workmanship, for the terms specified below, provided there has been normal use and proper maintenance. This warranty applies to the original purchaser only. All remedies under this warranty are limited to the repair or replacement of any item or items found by the factory to be defective within the time period specified. If you have a warranty claim, first you must call our factory at the number below for instructions. You must retain proof of purchase and submit a copy with any items returned for warranty work. Upon completion of warranty work, if any, we will return the repaired or replaced item or items to you freight prepaid. Damage to our products caused by accidents, fire, vandalism, negligence, misinstallation, misuse, Acts of God, or by defective parts not manufactured by us, is not covered under this warranty.

THE WARRANTY TIME PERIOD IS AS FOLLOWS FOR REPLACE-A-TOP™, SAILCLOTH REPLACE-A-TOP™, SUPERTOP®, SUPERTOP® REPLACEMENT SKINS, SUNRIDER®, AND TIGERTOP®: TWO YEARS FROM DATE OF PURCHASE.

THE WARRANTY TIME PERIOD IS AS FOLLOWS FOR ALL OTHER "SOFT GOODS" MANUFACTURED BY OUR COMPANY (USING PRIMARILY VINYL, PLASTICS, AND/OR FOAM): ONE YEAR FROM DATE OF PURCHASE.

THE WARRANTY TIME PERIOD IS AS FOLLOWS FOR ALL OTHER "HARD GOODS" MANUFACTURED BY OUR COMPANY (USING PRIMARILY METALS, PLASTICS, AND/OR FIBERGLASS): ONE YEAR FROM DATE OF PURCHASE.

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Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



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