

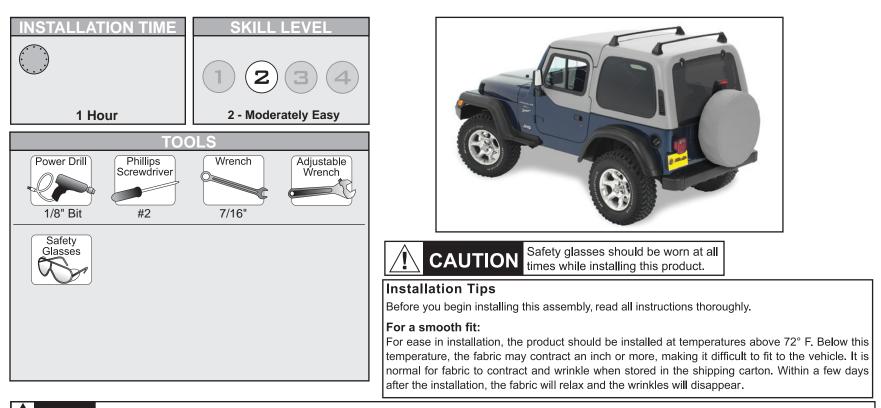
Installation Instructions Rear Shell Roof Rack

Vehicle Application

•Jeep Wrangler YJ & TJ 1986 – 2006 Only Part Number: 41400 Pages 1 – 7 •Jeep JK Wrangler & Unlimited 2007 and Newer Part Number: 41400 Pages 8 – 13

US Patent 6309007, D442,911

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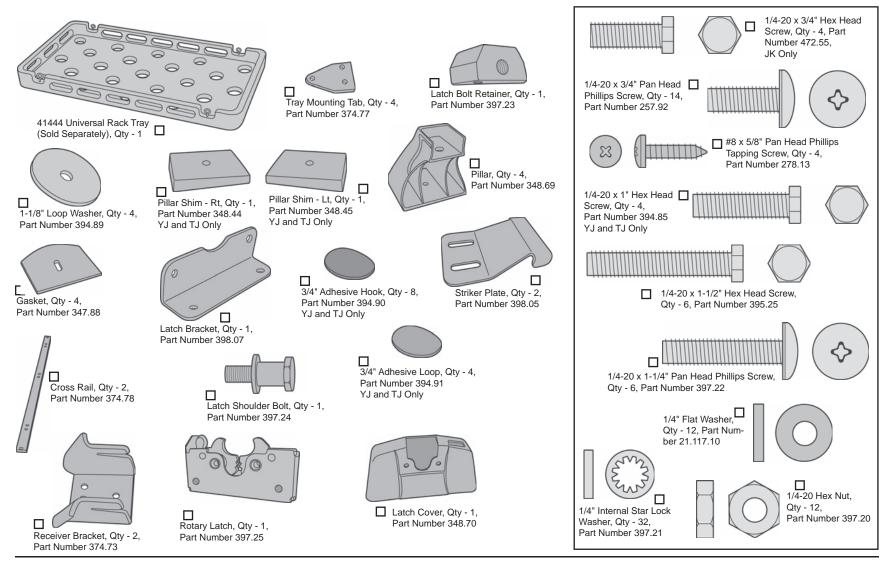


WARNING This product is designed primarily to enhance the appearance of the vehicle and to shield the occupants from ordinary weather conditions. Do not rely in any way on the components of this product to contain occupants within the vehicle, or to protect against injury or death in the event of an 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



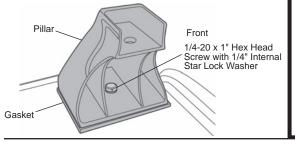


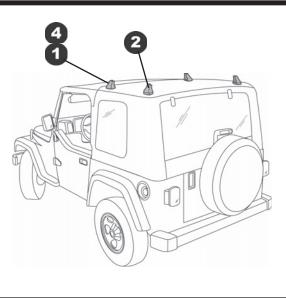
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Install Front Pillars on Rear Shell

Locate the four screws on the roof of the Rear Shell. Turn them counter clockwise to remove them.

Place a Gasket over each of the front holes with the rounded corners facing the outside of the shell. Fill each hole with three 1/4" Flat Washers. Place a Pillar over each Gasket and install a $1/4-20 \times 1$ " Hex Head Screw with a 1/4" Internal Star Lock Washer. DO NOT fully tighten the screws at this time.



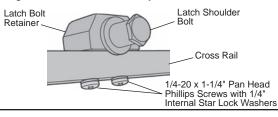


3 Install Latch Bolt Retainer on Cross Rail

Locate one of the Cross Rails and the Latch Bolt Retainer in the parts kit. Orient the rail so that the large holes in the ends are on top. Place the Latch Bolt Retainer over the two holes in the center of the Cross Rail. Install two 1/4-20 x 1-1/4" Pan Head Phillips Screws and two 1/4" Internal Star Lock Washers.

Screw the Latch Shoulder Bolt into the Latch Bolt Retainer.

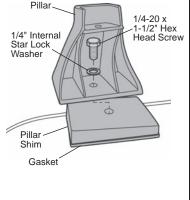
Tighten the screws securely.



2 Install Rear Pillars on Rear Shell

Place a Gasket over each of the rear holes in the shell with the rounded corners toward the outside of the shell. Fill each hole with three 1/4" Flat Washers.

Locate the Pillar Shims in the parts kit. They will be marked "Right" and "Left" on the under side. Place the shims over the Gasket at the appropriate hole in the shell with the rounded corners toward the outside of the shell. The tall side of the Shim should be toward the rear. Install a Pillar over each shim using a 1/4-20 x 1-1/2" Hex Head Screw and a 1/4" Internal Star Lock Washer. The sides of the Pillar should be flush with the Shim when the Shim is oriented correctly. DO NOT fully tighten the screws at this time.

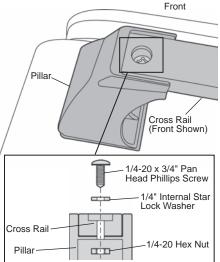


4 Install Cross Rails

Orient the Cross Rail with the Latch Shoulder Bolt so the bolt is on top of the rail and pointing to the rear. Place the rail on the two rear Pillars. Orient the other Cross Rail with the large holes on the ends facing up and place it on the two front Pillars.

Secure both Cross Rails to the Pillars using two 1/4-20 x 3/4" Pan Head Phillips Screws, two 1/4" Internal Star Lock Washers and two 1/4-20 Hex Nuts for each rail.

Securely tighten all fasteners, including the screws that secure the Pillars to the roof.

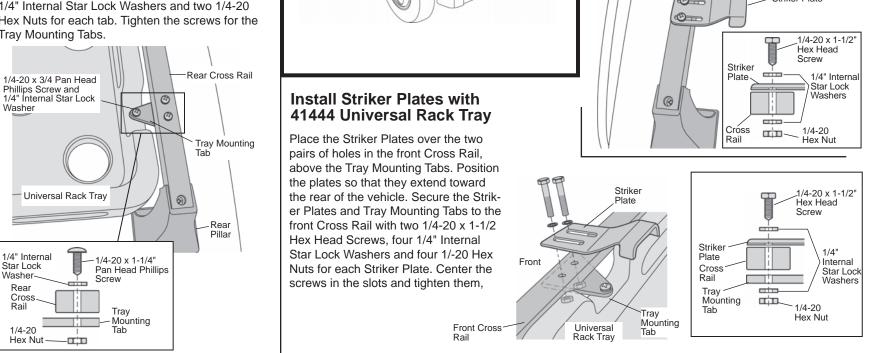


Secure 41444 Universal 5 **Rack Tray to Rear Cross Rail** (Optional)

If you are not installing a 41444 Universal Rack Tray (sold separately), skip to Step 6.

Remove the eye bolts from the Tray and place it on top of the roof between the Cross Rails. Loosely attach the narrow end of a Tray Mounting Tab to each of the eye bolt holes in the Tray using a 1/4-20 x 3/4" Pan Head Phillips Screw and a 1/4" Internal Star Lock Washer for each Tab.

Secure the other end of the two rear Tray Mounting Tabs to the underside of the rear Cross Rail using two 1/4-20 x 1-1/4" Pan Head Phillips Screws, two 1/4" Internal Star Lock Washers and two 1/4-20 Hex Nuts for each tab. Tighten the screws for the Tray Mounting Tabs.



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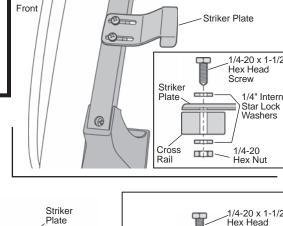
6

Install Striker Plates without 6 41444 Universal Rack Tray

Place the Striker Plates over the two pairs of holes in the front Cross Rail. Position the plates so that they extend toward the rear of the vehicle. Secure the Striker Plates to the front Cross Rail with two 1/4-20 x 1-1/2 Hex Head Screws, four 1/4" Internal Star Lock Washers and two 1/-20 Hex Nuts for each Striker Plate. Center the screws in the slots and tighten them.

Front Cross Rail

The Tray Mounting Tabs are not used in this installation.

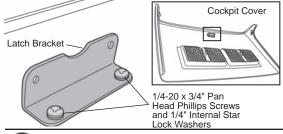


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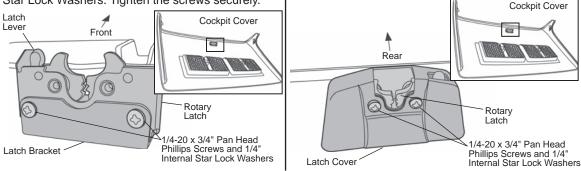
Install Latch Bracket on Cockpit Cover

Remove the Cockpit Cover from the vehicle and lay it upside down on a clean soft surface. Locate the two screws near the rear of the cover and remove them by turning them counter clockwise. Orient the Latch Bracket with the vertical wall toward the rear of the cover and align the holes in the Latch Bracket with the holes in the cover. Install two 1/4-20 x 3/4 Pan Head Phillips Screws and two 1/4" Internal Star Lock Washers. Tighten the screws securely.



8 Install Rotary Latch on Cockpit Cover

Place the Rotary Latch against the front side of the Latch Bracket with the lever on the passenger side of the cover. Secure it to the bracket with two 1/4-20 x 3/4 Pan Head Phillips Screws and two 1/4" Internal Star Lock Washers. Tighten the screws securely.



9

Install Latch Cover

on Cockpit Cover

Place the Latch Cover over the Rotary Latch with the

opening toward the rear. Secure it to the latch with two

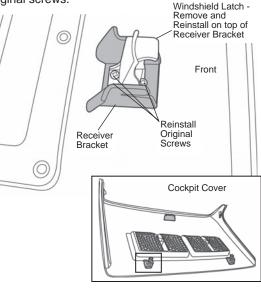
1/4-20 x 3/4 Pan Head Phillips Screws and two 1/4" In-

ternal Star Lock Washers. Tighten the screws securely.

Install Receiver Brackets on Cockpit Cover

Remove the three screws that secure both Windshield Latches to the Cockpit Cover and set them aside to be reused. Place a Receiver Bracket over each set of holes with the opening in the bracket toward the front of the Cockpit Cover.

Replace the Windshield Latches on top of the Receiver Brackets and reinstall them with the original screws.



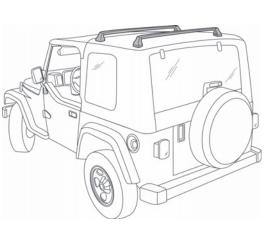


Make sure you only drill CAUTION through the inner wall of the roof.

Install 1-1/8" Loop Washer and 3/4" Adhesive Hook

Rotate the handle on each latch so that the handle touches the roof. Place a 1-1/8" Loop Washer between the handle and the roof. Rotate the handle out of the way and drill a 1/8" hole in the center of the Loop Washer. Make sure you only drill through the inner wall of the roof. Secure the Loop Washer in place with a #8 x 5/8" Pan Head Phillips Tapping Screw.

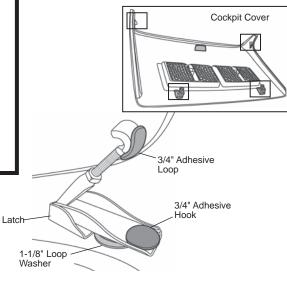
Repeat this for all four latches on the Cockpit Cover (two Windshield Latches and two rear Latches). Peel the backing off a 3/4" Adhesive Hook and place it on each latch handle so that it will contact the 1-1/8" Loop Washer.

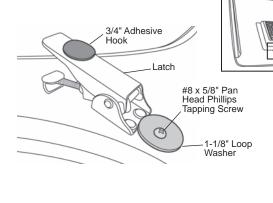


Cockpit Cover

Install 3/4" Adhesive Loop and 3/4" Adhesive Hook

Peel the backing off a 3/4" Adhesive Loop and place it on the back of each latch hook at a location that will contact the latch handle. Then install the remaining 3/4" Adhesive Hook on each latch handle to match the loop on the hook.







Two people are required to safely install Cockpit Cover

> Striker Plates

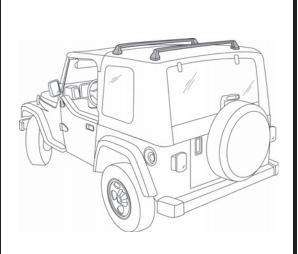
Becure Cockpit Cover to Rear Shell Roof Rack

Position the latch handles and latch hooks so that the Hook and Loop fasteners are engaged. Push the Latch Lever toward the center of the Latch to make sure that the Rotary Latch is open.

With a person on each side of the Cockpit Cover, lift it into place over the Rear Shell Roof Rack. Raise the back of the cover slightly and push it forward to hook the Receiver Brackets onto the Striker Plates on the front Cross Rail. Lower the back of the Cockpit Cover so that the Rotary Latch clamps onto the Latch Shoulder Bolt. Make sure that it clicks twice.

Loosen the Striker Plate fasteners. Push the cover as far toward the rear as possible. Push each Striker Plate as far as possible into each Receiver Bracket. Make sure that everything is square.

Fully tighten the fasteners that secure the Striker Plates. Make sure that all rack fasteners are fully tightened. Shake the Cockpit Cover to insure that it is tight on the rack. If it is not, loosen the Striker Plate fasteners and move them further toward the rear into the Receiver Brackets. Retighten the fasteners.



Hook Receiver Brackets onto Striker Plates



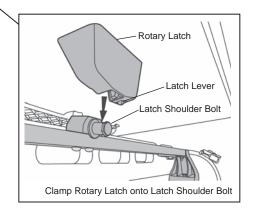
Two people are required to safely install Cockpit Cover

Always make sure all fasteners are secure before using the Rear Shell Roof Rack.

Remove Cockpit Cover from Rear Shell Roof Rack

To remove the Cockpit Cover from the Rear Shell Roof Rack, push the Rotary Latch Lever toward the center of the latch while lifting up on the rear edge of the Cockpit Cover. Slide the cover toward the rear until the Receiver Brackets disengage from the Striker Plates.

Always make sure all fasteners are secure before using the Rear Shell Roof Rack. Follow the first two paragraphs in Step 13 for normal storage of the Cockpit Cover. When latching the Rotary Latch on the Latch Shoulder Bolt, push forward on the Cab Cover and pull to the rear on the Rear Cross Rail as you lower the latch onto the pin. Shake the Cockpit Cover each time it is latched to the rack to insure that it is secure. If it is loose, repeat Step 13.





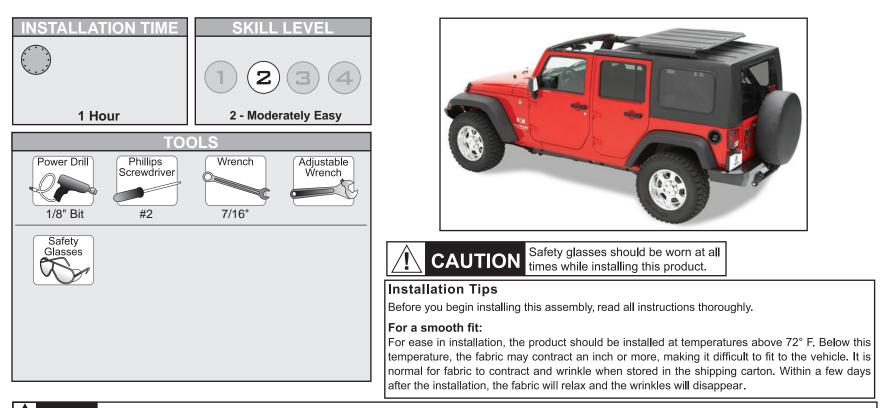
Installation Instructions Rear Shell Roof Rack

Vehicle Application

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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.

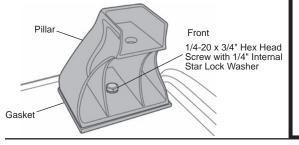
WEAR SEAT BELTS AT ALL TIMES

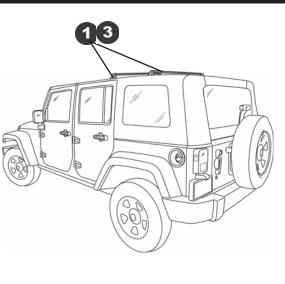
Read and follow, precisely, all installation instructions provided when installing product. Failure to do so may result in a poor fit and could place occupants of the vehicle in a potentially dangerous situation.

1 Install Pillars on Front and Rear Shell

Locate the four screws on the roof of the Rear Shell. Turn them counter clockwise to remove them.

Place a Gasket over each of the front holes with the rounded corners facing the outside of the shell. Fill each hole with three 1/4" Flat Washers. Place a Pillar over each Gasket and install a $1/4-20 \times 3/4$ " Hex Head Screw with a 1/4" Internal Star Lock Washer. DO NOT fully tighten the screws at this time.





3 Install Cross Rails

Orient the Cross Rail with the Latch Shoulder Bolt so the bolt is on top of the rail and pointing to the rear. Place the rail on the two rear Pillars. Orient the other Cross Rail with the large holes on the ends facing up and place it on the two front Pillars.

Secure both Cross Rails to the Pillars using two 1/4-20 x 3/4" Pan Head Phillips Screws, two 1/4" Internal Star Lock Washers and two 1/4-20 Hex Nuts for each rail.

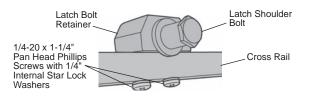
Securely tighten all fasteners, including the screws that secure the Pillars to the roof.

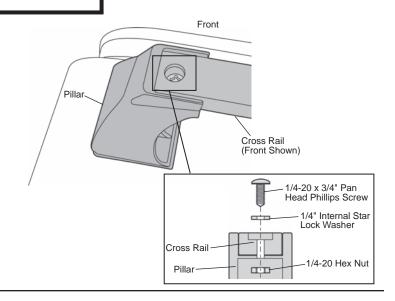
2 Install Latch Bolt Retainer on Cross Rail

Locate one of the Cross Rails and the Latch Bolt Retainer in the parts kit. Orient the rail so that the large holes in the ends are on top. Place the Latch Bolt Retainer over the two holes in the center of the Cross Rail. Install two 1/4-20 x 1-1/4" Pan Head Phillips Screws and two 1/4" Internal Star Lock Washers.

Screw the Latch Shoulder Bolt into the Latch Bolt Retainer.

Tighten the screws securely.



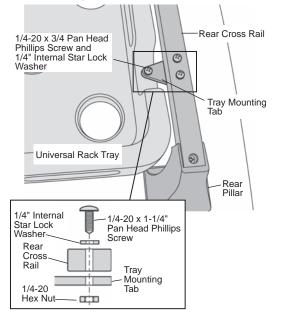


Secure 41444 Universal 4 **Rack Tray to Rear Cross Rail** (Optional)

If you are not installing a 41444 Universal Rack Tray (sold separately), skip to Step 6.

Remove the eye bolts from the Tray and place it on top of the roof between the Cross Rails. Loosely attach the narrow end of a Tray Mounting Tab to each of the eye bolt holes in the Tray using a 1/4-20 x 3/4" Pan Head Phillips Screw and a 1/4" Internal Star Lock Washer for each Tab.

Secure the other end of the two rear Tray Mounting Tabs to the underside of the rear Cross Rail using two 1/4-20 x 1-1/4" Pan Head Phillips Screws, two 1/4" Internal Star Lock Washers and two 1/4-20 Hex Nuts for each tab. Tighten the screws for the Tray Mounting Tabs.

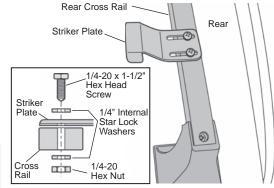


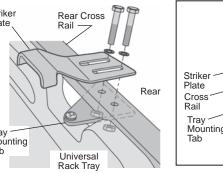


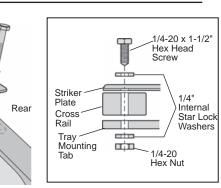
Install Striker Plates without 41444 Universal Rack Tray

Place the Striker Plates over the two pairs of holes in the rear Cross Rail. Position the plates so that they extend toward the front of the vehicle. Secure the Striker Plates to the front Cross Rail with two 1/4-20 x 1-1/2 Hex Head Screws, four 1/4" Internal Star Lock Washers and two 1/-20 Hex Nuts for each Striker Plate. Center the screws in the slots and

The Tray Mounting Tabs are not used in this





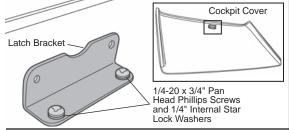


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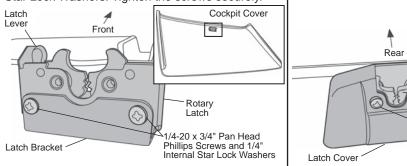
6 Install Latch Bracket on Cockpit Cover

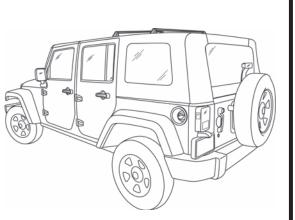
Remove the Cockpit Cover from the vehicle and lay it upside down on a clean soft surface. Locate the two screws near the rear of the cover and remove them by turning them counter clockwise. Orient the Latch Bracket with the vertical wall toward the rear of the cover and align the holes in the Latch Bracket with the holes in the cover. Install two 1/4-20 x 3/4 Pan Head Phillips Screws and two 1/4" Internal Star Lock Washers. Tighten the screws securely.



Install Rotary Latch on Cockpit Cover

Place the Rotary Latch against the front side of the Latch Bracket with the lever on the passenger side of the cover. Secure it to the bracket with two 1/4-20 x 3/4 Pan Head Phillips Screws and two 1/4" Internal Star Lock Washers. Tighten the screws securely.





8 Install Latch Cover on Cockpit Cover

Place the Latch Cover over the Rotary Latch with the opening toward the rear. Secure it to the latch with two $1/4-20 \times 3/4$ Pan Head Phillips Screws and two 1/4" Internal Star Lock Washers. Tighten the screws securely.

Cockpit Cover

8

Rotarv

1/4-20 x 3/4" Pan Head

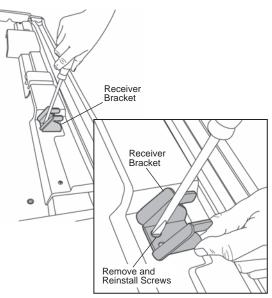
Phillips Screws and 1/4"

Internal Star Lock Washers

Latch

9 Install Receiver Brackets on Cockpit Cover

Remove the three screws that are on the Cockpit Cover and set them aside to be reused. Place a Receiver Bracket over each set of holes with the opening in the bracket toward the front of the Cockpit Cover. Reinstall the screws.





Two people are required to safely install Cockpit Cover

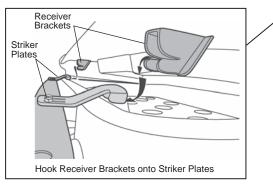
Secure Cockpit Cover to Rear Shell Roof Rack

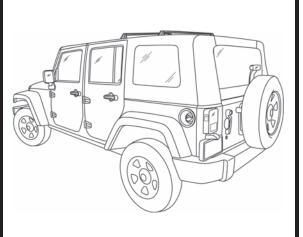
Position the latch handles and latch hooks so that the Hook and Loop fasteners are engaged. Push the Latch Lever toward the center of the Latch to make sure that the Rotary Latch is open.

With a person on each side of the Cockpit Cover, lift it into place over the Rear Shell Roof Rack. Raise the back of the cover slightly and push it forward to hook the Receiver Brackets onto the Striker Plates on the front Cross Rail. Lower the back of the Cockpit Cover so that the Rotary Latch clamps onto the Latch Shoulder Bolt. Make sure that it clicks twice.

Loosen the Striker Plate fasteners. Push the cover as far toward the rear as possible. Push each Striker Plate as far as possible into each Receiver Bracket. Make sure that everything is square.

Fully tighten the fasteners that secure the Striker Plates. Make sure that all rack fasteners are fully tightened. Shake the Cockpit Cover to insure that it is tight on the rack. If it is not, loosen the Striker Plate fasteners and move them further toward the rear into the Receiver Brackets. Retighten the fasteners.







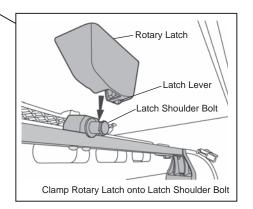
Two people are required to safely install Cockpit Cover

Always make sure all fasteners are secure before using the Rear Shell Roof Rack.

Remove Cockpit Cover from Rear Shell Roof Rack

To remove the Cockpit Cover from the Rear Shell Roof Rack, push the Rotary Latch Lever toward the center of the latch while lifting up on the rear edge of the Cockpit Cover. Slide the cover toward the rear until the Receiver Brackets disengage from the Striker Plates.

Always make sure all fasteners are secure before using the Rear Shell Roof Rack. Follow the first two paragraphs in Step 13 for normal storage of the Cockpit Cover. When latching the Rotary Latch on the Latch Shoulder Bolt, push forward on the Cab Cover and pull to the rear on the Rear Cross Rail as you lower the latch onto the pin. Shake the Cockpit Cover each time it is latched to the rack to insure that it is secure. If it is loose, repeat Step 13.



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 VINYLS, 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.

ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE CREATED HEREBY ARE LIMITED IN DURATION TO THE SAME DURATION AND SCOPE AS THE EXPRESS WRITTEN WARRANTY. OUR COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE.

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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