



DIAMONDBACK

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EXTENSION DECK

INSTALLATION GUIDE

ATV-1

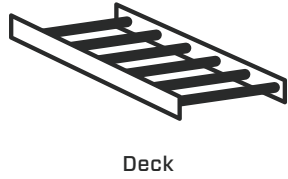
3 hours
Normal install time

Keep an eye out for these icons:

! IMPORTANT!
Important installation information

★ Helpful Hints
Tips to assist installation

PARTS INCLUDED:



Deck



Extension Bars



Solid Black Receiver Brackets



Holed Black Receiver Brackets



Backing Plates



Holed Silver Receiver Brackets



Solid Silver Receiver Brackets



5/16" x 1" Stainless Button-Head Bolts (8)



5/16" x 1" Black SS Button Head Bolts (4)



5/16" x 1-1/2" Black SS Button Head Bolts (4)



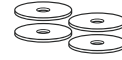
5/16" SS Nuts (8)



5/16" SS Lock Washers (8)



5/16" SS Flat Washers (8)



5/16" Fender Washers (4)



5/16" Lock Nuts (8)



Spring Pins (4)



Shims (2)

TOOLS REQUIRED:



Drill



5/16" Bit



Ratchet Wrench



1/2" Socket



3/16" Hex Key

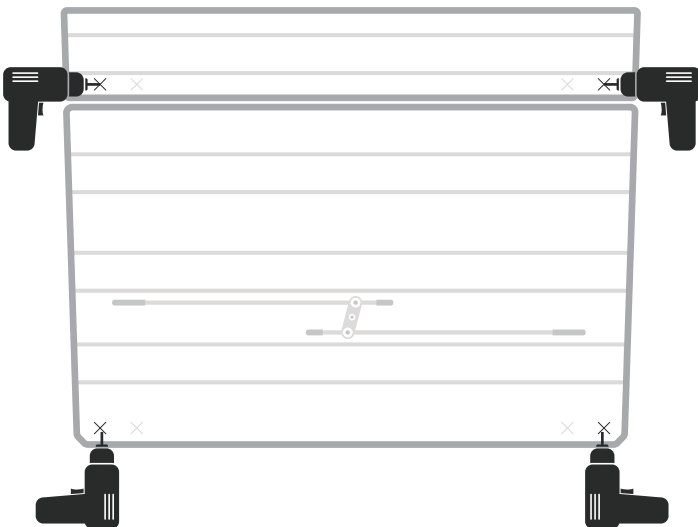
PRE-INSTALLATION NOTES:

You must mount the Side Adapter Bars prior to installing the Extension Deck.

Installation will be faster and easier with a second person to help.

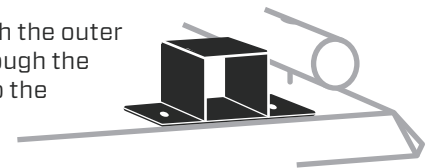
MOUNT THE BARS

- Use a 5/16" bit to drill bolt holes up through the cover at the two outboard 'x' marks labeled 'E' on the underside of the tailgate panel. Do not drill their inboard counterparts. Repeat for the center panel.



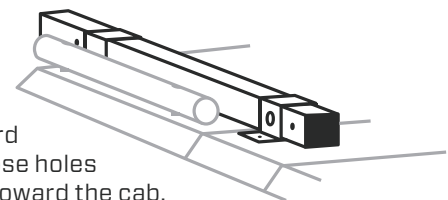
- Place a solid black receiver bracket onto the passenger side of the tailgate panel, its outer base-plate hole aligned with the newly drilled hole in the cover.

- Push a 1" bolt through the outer base-plate hole, through the gasket tape, and into the hole in the cover.



- Repeat steps 2-3 on the center panel with a holed black receiver bracket and a 1-1/2" bolt.

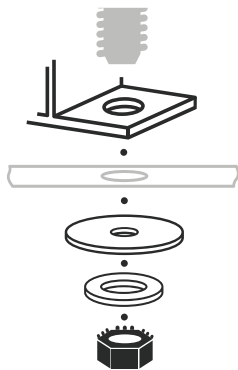
- Slide an extension bar through the pair of receiver brackets, its pre-drilled holes facing sideward and the end with those holes closer to its pointed toward the cab.



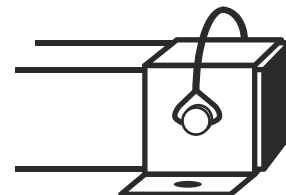
CONTINUED ON REVERSE >

MOUNT THE BARS (CONTINUED)

- 6** Align the broad edge of the tailgate-panel bracket with the top of the bevel at the rear edge of the cover. Center the bar within both brackets so there is no binding.
- 7** Put a fender washer, plain washer, and lock nut, in that order, onto the tailgate-panel-bracket bolt. Tighten the lock nut using a 1/2" socket.
- 8** Use the bracket's inner base-plate hole as a template to drill a second hole in the cover.
- 9** Drop a 1" bolt through this hole.
- 10** Repeat step 7.
- 11** Verify that the extension bar remains centered within the center-panel bracket.

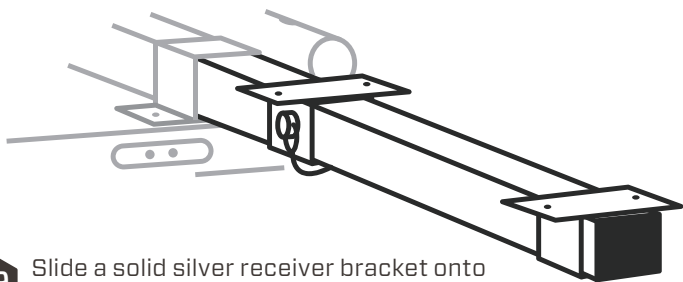


- 12** Put a backing plate, plain washer, and lock nut, in that order, onto the center-panel-bracket bolt. Tighten the lock nut.
- 13** Repeat steps 8–9 on the center-panel bracket using a 1-1/2" bolt.
- 14** Position the extension bars so the plastic caps on their center-panel ends just clear the leading edge of the brackets.
- 15** Repeat step 12.
- 16** Pin the bars to the center-panel brackets with spring pins.
- 17** Repeat steps 2–16 on the driver side.



MOUNT THE DECK

- 18** Pin a holed silver receiver bracket, bolt flanges up, to each extension bar using the pre-existing holes in the bars.

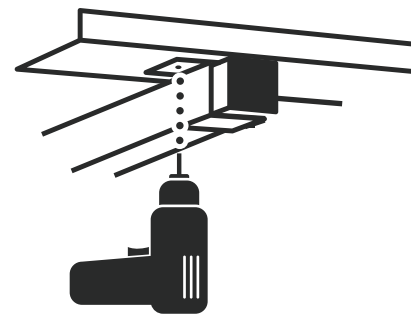


- 19** Slide a solid silver receiver bracket onto each bar end.

- 20** Place the deck onto the extension bars, aligning its rails with the silver brackets. Center the deck side to side, then shift it slightly to one side if any of the holes in the bracket bolt flanges line up with a deck rung.

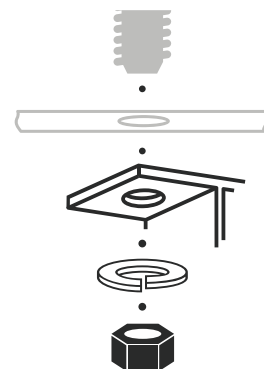


- 21** Use the bolt flanges of the silver brackets as guides to drill holes through the bottom rail of the deck with a 5/16" bit.



- !** Do not drill through the rungs of the deck. If any of the holes in the receiver bracket bolt flanges line up with a deck rung, move the deck slightly off-center to clear the rungs.

- 22** Drop a 1" bolt into each hole. Put a lock washer and stainless nut, in that order, onto each bolt. Tighten the nuts using a 1/2" socket.



- 23** Install the Shim Kit. Refer to the Shim Kit Installation Guide for details.