

## Rugged Ridge Aluminum Grab Handles



### Components

- 1. Front Handle (2)
- 2. Rear Handle (2)
- 3. Allen Head Bolt (rear handles) (4)
- 4. Hex Shape Spacer (rear handles) (4)
- 5. Allen Head Bolt long (front handles) (2)
- 6. Allen Head Bolt short (front handles) (2)
- 6. Hex Shape Spacer Long (2)
- 7. Hex Shape Spacer Short (2)
- 8. Ball Style Stand Off (2)

### Required Tools

- 1. Racket and Metric Sockets
- 2. Allen Wrenches

OMIX-ADA® TECHNICAL SUPPORT

**ATTN: STATE OF CALIFORNIA CONSUMERS**

**⚠ WARNING: Cancer and Reproductive Harm**

## Rugged Ridge Aluminum Grab Handles

1. Start with the rear seat handles first. Begin by removing the two OE bolts that attach the upper speaker housing to the roll bar.



2. Now get the handle and hardware. The kit provides new longer Allen head bolts and hex spacers. Before installing simply thread Allen head bolts in the roll bar to assure threads are clean and free of paint, dirt or burs. Unthread the bolts and now install with the handle.



3. Insert Allen head bolt through the handle and then through the hex spacer into roll bar. **DO NOT** Overtighten the bolts or use power tools to tighten, it could cause the threads to be striped or bolt to break. When tightening alternate between to the two Allen head bolts to assure the handle seats flat to the roll bar.

Now repeat this process to the other side.

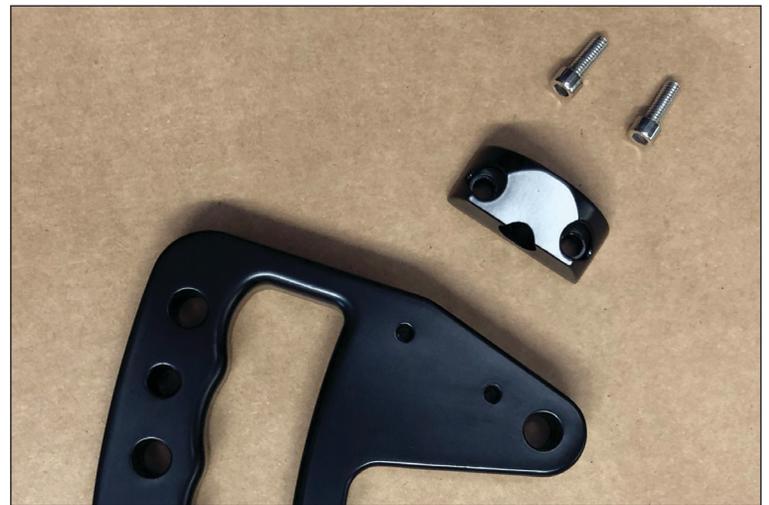


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4. To install the front handles begin by removing two OE bolts. The first bolt (shown in figure 1), is the top bolt on the B-pillar. The second bolt (shown in figure 2) is towards the top near the sunvisor mount. You may need to rotate the sunvisor out of the way to reach it.



5. The handle requires some preassembly. Use the small allen head bolts to attach the mounting cup to the handle. The cup portion will be to the top of the handle.



6. Confirm you have the hardware and it's correct location. Each mounting has a Allen head bolt and hex spacer. The Side mount also has a ball style stand off. Both bolts and spacers come in two lengths. The short bolt and long spacer mount going up towards the roof. The longer bolt, hex spacer and stand off mount on the side.

Before installing simply thread Allen head bolts in its location to assure threads are clean and free of paint, dirt or burs. This will also assist in seeing that the upper bolt threads in at a slight angle. Unthread the bolts and now install with the handle.



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7. Notice the order the components go in. The bolt first is inserted into the ball style stand off, then through the handle and lastly the hex shape spacer. Next hand thread the bolt into the threaded hole on the B-pillar. At this point leave it loose, DO NOT tighten.



8. Now take the shorter bolt insert into the handle and then the hex spacer while rotating the handle into position. This can be a little tricky to align so take your time to avoid cross threading.



6. Now tighten bolts in an alternating pattern to avoid components from binding up. DO NOT use power tools. Tighten the two bolts snug but do not over tighten to avoid stripping the threads or breaking the bolt.

Now repeat this process to the other side.

