



There's nothing quite as relaxing as cruising around in your Jeep Wrangler in the summertime. Add style and functionality to your ride by making your own roll bar handles out of paracord. Making your own allows you to save money and customize the lengths and colors of your handles.

There are a couple of different handles and accessories that you can make out of Paracord for your Jeep. Most of them have similar instructions. The differences are explained below. You will want to make most of these items in pairs. If you don't understand the terminology, don't worry; it will be explained along the way.

Materials you will need: (On Web, material links can be found at end of tutorial)

- 550 (Type III) paracord
- Lighter
- Two adjustable shackles
- Scissors



## Jeep Handle Types

### Roll bar Handles:

These are the most popular. They attach to the overhead roll bars alongside either front seat. For the attachment points, make two standard cobra loops. Calculate length by taking the circumference of the roll bar and add 1". For the handle portion, make a 8.5" king cobra weave with shackle adjusters on the end loops

### Headrest Handles:

The ends of these handles are thinner to allow you to put your headrest all the way down. Make a king cobra, but don't extend it to ends. Calculate the appropriate length by adding 4" to the distance between your headrest supports.

### Ceiling Handle:

This handle hangs from the center of the ceiling and uses the king cobra weave. Calculate length by adding 4" to the distance between anchor points.

### Rear Sound-Bar Handles:

Same as headrest and ceiling handles, just cover the whole thing in a King Cobra weave. Again add 4" inches to the distance between anchor points.

### Door Limiters:

You can replace your old door limiters with paracord ones. Just make a single cobra weave and calculate length by measuring between your door anchor and your car side anchor when the door is open as far as you want it to be able to go. Keep in mind, paracord will stretch over time.

# Roll Bar Handles

This tutorial will walk you through how to make roll bar handles. You can modify the design to make the other handles listed on page 1. The tutorial is divided into 2 parts. Part 1 describes the piece that will attach to the roll bar. Part 2 describes the handle itself.

## Part 1. Roll Bar Strap



**Part 1.** The roll bar strap will use a standard cobra braid wrapped around a four-strand core for extra strength.

**1.1** Make a loop with your paracord. Length does not matter at this point. You just need to start with at least 4 ft.

## Double Fisherman's Knot

Often heralded as the strongest bend (way of joining two ropes with a knot) because it does not weaken the strength of the rope as much as most other knots. The *double fisherman's knot* has many uses including climbing, fishing, and now Jeep handles. The double fisherman's knot produces a slight bulge in your handle, but will provide you with the strongest Jeep handles around.



**1.2** To make the double fisherman's knot, allow the ends to overlap by about 10" and pick it up with your thumb and forefinger of your left hand.

**1.3** Grab the right side cord with your other hand.



**1.4** Wrap the right side cord around your thumb, and around the two cords beneath it. Wrap toward the base of your thumb.

**1.5** Take your thumb out of the loops and thread that same cord through the loops. (It's okay if you have a longer end than in the picture.)



1.6



1.7

**1.6** Tighten that knot, and do the same thing using the other end of the cord.

**1.7** When finished, it should look like this. Alternatively, you can melt your ends together for a less strong bond. (Pictured above the knots at left)



### Sheet Bend

If the double fisherman's knot is too bulky, you can either use a *sheet bend*, or simply fuse the ends of your paracord together. The sheet bend will be sufficiently strong for your Jeep handles.

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1.8



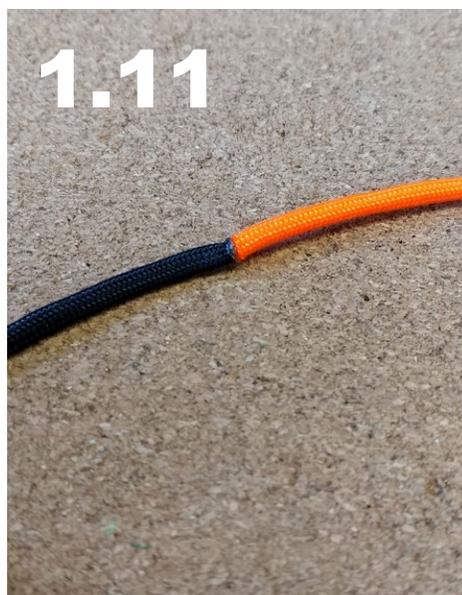
1.9

**1.8** Coil your new loop into a double loop.

**1.9** Lay it along side your ruler. It should be 1" longer than the circumference of your roll bar. You may have to adjust your knots.



1.10



1.11

**1.10** Once your knots are pulled together and your loops are the right length, you can cut off any excess cord. Orient the knots to one side of your loops.

**1.11** Now begins the cobra weave. Because this is a standard cobra and not a king cobra, you will need to fuse 5 ft. of your main color to 5 ft. of your accent color.

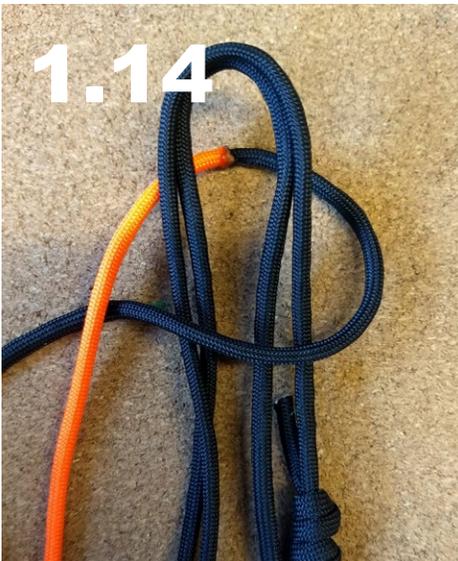
## The Cobra

All of the handles in this tutorial make use of the cobra weave. Based on the classic square knot, this is the standard weave used on paracord bracelets. Most of these Jeep handles use a "King Cobra" weave which is simply a cobra weave inside of another cobra weave. Keep in mind that ***the standard cobra uses about 1 ft. of paracord per inch of weave, king cobra uses about 3 ft. per inch of weave.***



**1.12** For the standard cobra, begin with your fused cords behind the double loop you just made.

**1.13** Cross your base color over the top of the core bundle.



**1.14** Lay your accent color over the crossed base color.

**1.15** Then, pass the accent color around the back of the core strands and up through the loop created by the base color.



**1.16** Once you do that, the loose knot should look like this.

**1.17** Pull the knot tight.



1.18



1.19

**1.18** Now, do the same thing reversed. Your base color should now be on the other side. Cross it over the top of the middle strands. Lay the accent color over that.

**1.19** Again, pull your accent color around back and up through the base color loop. Make sure to pull all the slack through.



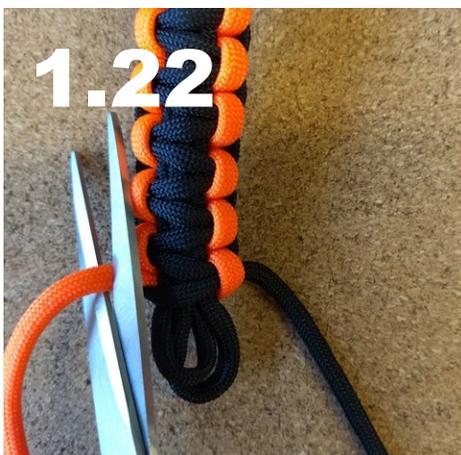
1.20



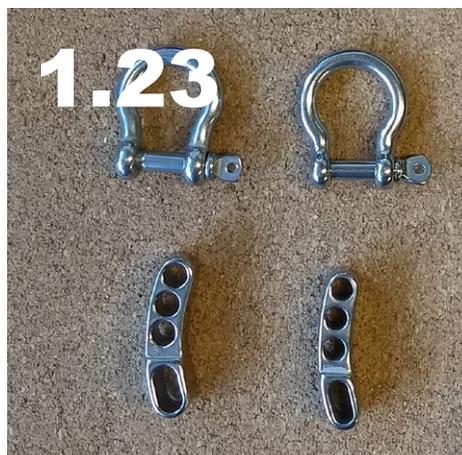
1.21

**1.20** After tightening, the knot should now look like this.

**1.21** Continue down the length of the middle cords.



1.22



1.23

**1.22** When you have about 1" left of your middle cords, stop weaving. Cut the ends about 1/4" from the last knot. Melt the ends and, while still hot, flatten the ends of the paracord against the knot by using the side of your scissors or lighter.

**1.23** Take out your adjustable shackles and separate the ends from the shackle.



1.24

**1.24** Thread one shackle through both ends of your weave, forming a loop.

If making a set of 2 roll bar handles, make 4 of these. One will go on each end of your handle.

## Part 2. King Cobra Handle



**Part 2.** The handle portion uses a king cobra weave, because the wider size makes the handle easier to grip.



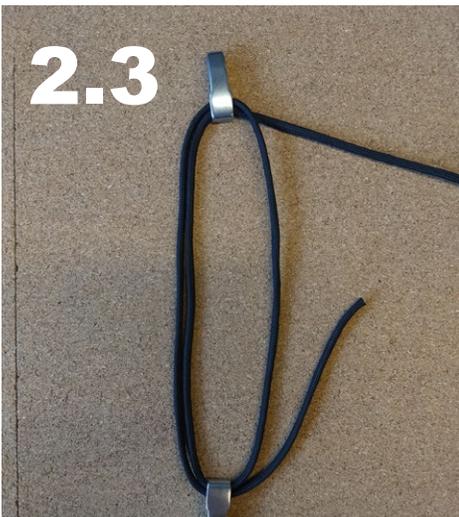
2.1



2.2

**2.1** To make the core of the handle, follow the same steps as for the anchor loops with one exception. The roll bar handle core has shackle adjusters on the ends.

**2.2** Lay out your adjuster like in the picture and thread the cord through.



2.3



2.4

**2.3** Double it up by going once more around and through your adjusters. Use the double fisherman's knot to again secure your ends to each other.

**2.4** Before cutting your ends, double check that your loop length is 8 1/2" inches, not including the adjusters.



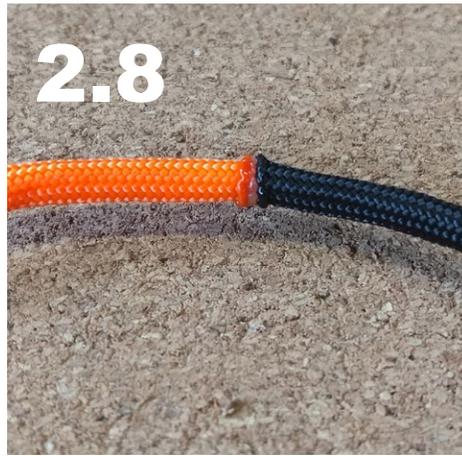
2.5



2.6

**2.5** Now, instead of fusing your accent color with your base color, use only your base color. You will need about 10 ft. for this part.

**2.6** Again, begin your cobra weave.



**2.7** If you need the steps of the cobra weave, refer to the directions in part 1.

**2.8** When finished with your first layer, take 10 ft. of base color and 10 ft. of accent color, and melt them together. (This part of the handle is not going to take as much strain as the cords forming the center of your handle.)



**2.9** If you so desire, you can adjust where the seam is and hide it underneath your weave.

**2.10** Do just as before and weave the cobra pattern over the top of your base color cobra. The knots should sit in the grooves of the weave underneath.



**2.11** When finished with this king cobra, cut and melt your ends.

**2.12** Attach your handle to the anchor loop. Simply unscrew the shackle to install the handle on your Jeep roll bar.

For all other handles, construct a king cobra weave without the shackle adjusters. The paracord loops will fasten directly onto anchor screws inside the jeep.

