

'96-'02 4Runner Phone Mounting Bracket Installation Instructions



NOTE: The latest version of the installation manual is at <https://spikerengineering.com/installation>. Please download it and check its release date against the date of this manual (highlighted in yellow on top of page). Follow the instructions of the latest release date.

Thank you for purchasing the Spiker Engineering Phone Mounting Bracket. Please follow this manual carefully to ensure a quality installation and many years of reliable service..

If you have any questions or concerns at any point of the installation process, please contact us at service@spikerengineering.com before proceeding.

Quick Start Guide

To get you started, below is an overview of the steps involved in installation. The details of these steps are provided in the sections to follow. The typical installation should take less than 30 minutes.

Installation Overview:

- A. Locate Bracket on the Dash
- B. Prepare the Dash
- C. Install the Bracket
- D. Install Fasteners
- E. Install Phone Holder
- F. Enjoy a beverage of your choice to celebrate!

IMPORTANT:

The installation will only be as successful as the bond between the bracket and the dash. Below are the key elements for a good installation:

- A. Proper placement of the bracket on the dash
- B. Thorough cleaning of the dash mounting surface prior to installation
- C. Warm temperature and adequate pressure when adhering the bracket to the dash

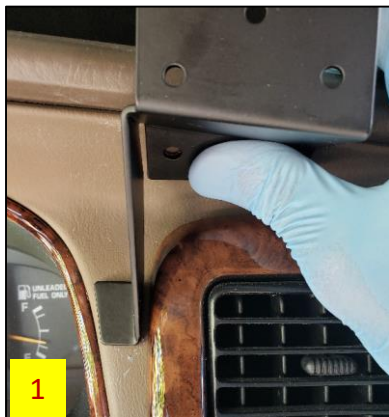
Failure to properly follow these installation steps may lead to a substandard bond between the bracket and the dash, leading to reduced holding capacity.

A. Locate Bracket on Dash

Important: The bracket is shaped to match the dash surface profile when installed in the correct location. If the bracket is not installed in the proper location, the bond strength will be significantly reduced.

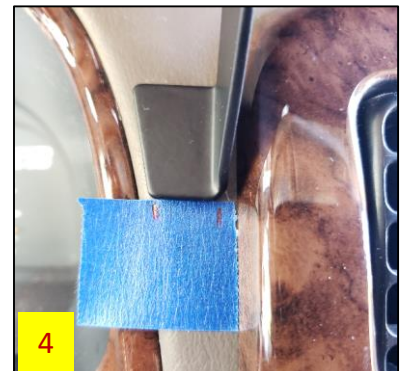
1. Without removing the red liner from the double sided tape, position the bracket on the dash so that the upper mounting flange is just below the padded portion of the dash, and the lower mounting flange is centered between the instrument cluster and center bezel (**Fig 1**). The “leg” of the bracket should be vertical, as shown in the Figure.

NOTE: When the bracket is positioned properly, both flanges will fully contact the dash surfaces, without gaps and without rocking (**Fig 2**). Adjust the bracket’s position as needed to make sure that there are no gaps under the flanges and the bracket rests against the dash without rocking. It is critical for the flanges to rest fully against the dash, so continue to wiggle the bracket until you find the spot where it “locks” into place.



2. Place a piece of painter’s tape directly below the bottom of the lower flange, to serve as a vertical alignment guide (**Fig 3**). Place a second piece of painter’s tape along the side of the upper flange to serve as a horizontal alignment guide (**Fig 3B**).

3. Use a permanent marker to mark the left and right edges of the lower mounting flange on the painter’s tape, to help with alignment during installation (**Fig 4**).



B. Prepare the Dash

Important: The dash must be cleaned thoroughly to achieve good bond strength.

7. Open the included alcohol pad pouch, and use the pad to wipe the areas where the mount will attach to the dash. When wiping, wipe several times from one side to the other – do not wipe in a circle or back and forth. That way dirt and oils on the dash are removed instead of being smeared around. Final wipe with a dry cloth.

C. Install the Bracket

Important: The temperature at installation should be between 50F and 100F, or the bond will be weakened.

8. If the ambient temperature is below 50F, bring the bracket indoors to warm up. In the meantime, run the truck's heater to warm up the interior. Be sure to run the heater long enough to warm the dash surface sufficiently. As an alternative, use a hair dryer or a heat gun (at low setting) to warm the mounting area on the dash.

9. Pull the liner off the two tape pads – use a utility or X-Acto knife to pry up a corner of the liner, then pull the liner off (**Fig 5**). Be careful not to pull the tape off the bracket – if the tape starts lifting, press it back in place with the knife or a screwdriver.



10. Carefully position the bracket so that the bottom edge lines up with the painter's tape piece, centered between the marks, while keeping the upper mounting surface away from the dash (**Fig 6**). Do NOT press hard on the mounting pad yet.

11. Now tilt the bracket up towards the dash so that the upper mounting surface also contacts the dash (**Fig 7**). Line the upper flange with the second piece of tape you installed in Step 3.

12. Before applying pressure to the mounting flanges, check that the bracket is properly lined up at both the upper and lower mounting locations. If it is not, reposition the bracket until both flanges make good contact.

13. Once you are satisfied that the bracket is properly located, push firmly on both mounting flanges to bond the tape to the dash.

Important: Apply firm pressure to the mounting flanges for at least 30 sec, or the bond will be weakened. Press on the mounting flanges as hard as you can, trying to spread the pressure over the entire surface.

D. Install Fasteners

Note: Fasteners are recommended but not required for magnet and flush phone holders, but must be installed for all other phone holders.

14. Use a drill with a 1/4" bit to drill through the dash at the two hole locations (**Fig 8**).

NOTE: Although there is nothing behind this portion of the dash that can get damaged by the drill bit, try to drill only deep enough to complete the hole in the dash.



15. Install two push fasteners into the holes, and **push in** on the screws to complete the installation (**Fig 9**). Do NOT try to install the screws with a screwdriver; simply push them into the flush position.

E. Install Phone Holder

16. Install the phone holder of your choice to complete the installation, following the manufacturer's instructions. High strength fasteners and locknuts are supplied in our kits with the Panavise and RAM holders.

Final Notes

If you have any questions or issues during installation, please email us at service@spikerengineering.com.

If you ever want to mount an additional 2-1/16" gauge near the phone, you can use one of our add-on gauge holders to conveniently attach to the mounting bracket, as shown below. These are available at <https://spikerengineering.com/product/gauge-holder>.



Finally, please post a product review at our webpage – <https://spikerengineering.com/product/phone-mount-96-02-4runner#reviews>

Thank you again for purchasing this phone mount, we hope you enjoy it for many years to come!