



**ROCK HARD 4X4 JEEP WRANGLER TJ/LJ  
1997-2006 SPORTS CAGE (MAIN SECTION)  
PART #: RH-1001  
Installation Manual**



(SHOWN WITH OPTIONAL ROLL BAR PADDING KIT AND REAR BARS)

Customer Service / Tech Support: [sales@rockhard4x4.com](mailto:sales@rockhard4x4.com)  
Thank you for your purchase! Please read all instructions carefully prior to  
beginning installation of your Rock Hard 4x4 product.

## **PACKING LIST:**

- 1 - TJ TEE SECTION**
- 1 - TJ WINDSHIELD DRIVER SIDE BAR**
- 1 - TJ WINDSHIELD PASSENGER SIDE BAR**
- 1 - TJ DASH BAR**
- 2 - 2 ¼" COLLARS (ROUND WITH HOLES)**
- 6 - 1 ¾" COLLARS (ROUND WITH HOLES)**
- 6 - TJ NUT PLATES**
- 6 - 3/8" X 1" BUTTON HEAD BOLTS (FOR DASH MOUNTS)**
- 1 - 5/16" TAP**
- 51 - 5/16" X 1" SOCKET HEAD CAP SCREWS**

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**Thank you for your purchase! Whether you bought this Rock Hard 4x4 product from one of our fantastic dealers or our factory direct team, we thank you for your business.**

Rock Hard 4x4 is a family owned and operated business. We are headquartered in Saint Paul, Nebraska where we design, fabricate, and produce every single one of our products. Every single part we manufacture is 100% Made in the USA and exclusively in house by the Rock Hard 4x4 team.

We outsource zero processes.

**To you**, that means the product you are installing is the highest quality and longest lasting component on the market.

**To us**, that means you've selected a part we've spent years developing. Each Rock Hard 4x4 part has gone through more research and development and evolution than most people realize. While our parts may have the same striking look year after year, subtle revisions and refinements we implement maintain their status as the most durable and easy to install on the market.

We invite you to send us your feedback! Please email, call, write, or catch us on an off road trail near you to share your tales, share comments, and ask questions.

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*PRO TIP: Remove factory hard top or fold soft top back prior to beginning install or do so before step 8.*

*If also installing Straight Across Rear Bar RH-1001-B please read that section first (bottom of instruction manual).*

1. Remove padding from factory cage bars. On 2003 -2006 Wranglers remove molding along windshield frame (a-pillar).
2. Remove speaker covers (2 Phillips screws on each side).
3. Remove speakers (4 Phillips screws on each side).
4. Remove three bolts on each side of dash along door frame.
5. Pull dash outward approximate 3/8".
6. Remove thread clips from three holes.
7. Push dash back into place.
8. On soft tops, remove hand screws on upper side of door jam and remove door jam.
9. Remove two bolts from each side of factory roll bar at top corners of windshield.
10. Install Rock Hard 4x4 top tee section from topside.
11. Install angle bars if used at this time. These will bolt to tee section clamps. If not installing angle bars, install clamps at the main factory hoop and at the front sidebars. Install clamps at rear of angle bars if used.

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12. Reinstall two bolts at each side of windshield.
13. On 2003 – 2006 you can trim the windshield molding or replace windshield molding with 1997 – 2002 molding. Jeep part number 55176619AB and 55176618AB. If you decide to trim your molding do a trial fit with the windshield side bars to see where adjustments need to be made. We suggest trimming molding for best appearance.
14. Install the left windshield side bar. Align three holes on each side of dash with a punch for help.
15. Install 3/8" x 1" button head bolts using 3/8" x 3/4" x 2" plates for nuts. Reach in speaker holes for placement of plates.
16. Install the top clamp. Make sure it is as far forward as possible. If not the door jam bolt will not secure.
17. Place dash bars in with bar facing forward and down. Do not put clamps on at this time.
18. Install right windshield side bar same as left side holding dash bar as low as possible.
19. Install dash clamps at this time to secure dash bar.
20. Tighten all clamp bolts evenly. Clamps are not designed to tighten flush with dash bar receiving end.
21. Trim and install factory padding. You will have to cut and replace some zippers.

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### ***Straight Across Rear Bar (RH-1001-B)***

Rear bar should be placed about ½ way down corner of rear factory cage section. If Jeep Wrangler Unlimited (LJ) about 1 ½" above should belt bolt. Due to variances in factory cage dimensions Straight Across Rear Bar may be too long or short. Factory cage can be adjusted by pulling bars inward with tie down strap or pushing outward during bar install. On non Unlimited Wrangler's (TJ) the factory bars can vary between vehicles as much as 1". Unlimited models can vary up to 1 ½". You may have to loosen bolts at the fenders to give enough movement to adjust width apart of factory cage bars.

CONGRATULATIONS! Now go wheel your rig with a whole new level of confidence and capability.

Please send photos of your install and wheeling adventures to [pics@rockhard4x4.com](mailto:pics@rockhard4x4.com). We love seeing our products on the trail!

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*Your Rock Hard 4x4® branded accessories are covered by the following Limited Warranty provided exclusively by Rock Hard 4x4, 1005 Twin Forks Lane, St. Paul, NE 68873.*

*This Limited Warranty is the only warranty made in connection with your purchase. Rock Hard 4x4 neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty.*

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*Rock Hard 4x4 reserves the rights to: (a.) require invoice or other proof your accessory is within the terms of this Limited Warranty as a condition of warranty service and, (b.) make future revisions to this product and Limited Warranty without prior notice or obligation to upgrade your product.*

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**Remedy Limited to Repair/Replacement:** *The exclusive remedy provided hereunder shall, upon Rock Hard 4x4 inspection and at Rock Hard 4x4's option, be either repair or replacement of product or parts (new or refurbished) covered under this Limited Warranty. Customers requesting warranty consideration should first contact Rock Hard 4x4 to obtain a RGA number (308-750-4690). All labor, removal, shipping and installation costs are customer's responsibility.*

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