

CUSTOM 4X4 FABRICATION

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Thank you for purchasing a Custom 4X4 Fabrication accessory for you vehicle.

Installation Instructions: 1997-2005 Jeep® Wrangler (TJ) / Rubicon / Unlimited Side Bars

CAUTION: Custom 4X4 Fabrication Side Bars are designed to help protect the vehicle rocker guards from obstacles encountered during non-competitive off-road driving. They are not designed to act as a safe lifting point for routine or emergency repairs. Refer to the vehicle operator's manual for correct placement of jacks and other lifting devices to safely make repairs.

WARNING: Custom 4X4 Fabrication Side Bars are NOT designed as vehicle recovery points to extract a stuck vehicle or correct a roll over situation. Using Custom 4X4 Fabrication Side Bars in this manner is considered extremely dangerous and performed at the owners risk.

PARTS INVENTORY: 2 ea. side bars, 4 ea. U-shaped backing brackets, 4 ea. bolts, 4 flat washers, lock washers

STEP 1: Remove factory side steps if so equipped. Set parking brake and chock wheels.

STEP 2: Position driver's side side bar U-shaped fittings over and under the frame. Align the bar with the front and rear fender flare for best looking fit. The side bar should be push firmly against the frame. The side bar should remain in place and droop about $\frac{1}{4}$ to $\frac{3}{4}$ of an inch.

STEP 3: Take two U-shaped backing brackets, two bolts and two lock washers and flat washers with you as you lay on your back under vehicle. Gently pull the fuel and brake lines out of the plastic retaining brackets along the inside of the frame rail. Using a hook like motion from top to bottom, hook the U-shaped backing bracket behind the fuel and brake lines so the flat part of the bracket rests against the frame.

STEP 4: Align the holes in the U-shaped backing brackets with those in the side bar's U-shaped fittings. Push the bolts with lock washer and flat washer in from the bottom and thread into welded nuts on top. Tighten until the side bar's U-shaped fitting deflects and makes full contact with the top and bottom of the U-shaped backing bracket.

STEP 5: Carefully snap the fuel and brake lines back into the plastic retainers.

STEP 6: Repeat the same procedure on the passenger side omitting the portion referencing the fuel and brake lines.