



Installation Instructions:

(Part # SB76900)

1997-2006 Jeep TJ

SRC 6-Piece Roll Cage Kit

NOTE: Carefully read entire instructions thoroughly before attempting to install this part.

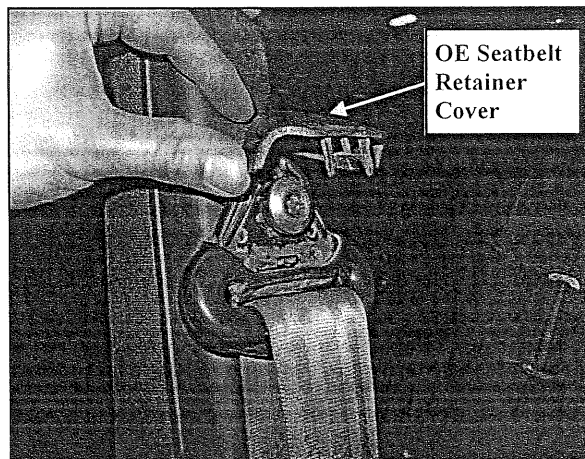
<u>Parts Included:</u>	<u>Qty</u>	<u>Parts Included:</u>	<u>Qty</u>
94-7620 A-Pillar: Drvr	1	5/16" X 1" Button Head Bolt	6
94-7624 A-Pillar: Pass	1	5/16" X 7/8" Socket Head Bolt	32
94-8211 Dash Bar	1	5/16" X 1" Socket Head Bolt	48
94-8213 Overhead Bar	1	5/16" X 1 1/4" Socket Head Bolt	12
94-8216 Rear Crossbar: Drvr	1	94-4344 Clamp Halves	8
94-8218 Rear Crossbar: Pass	1	94-4407 Large Clamp Halves	12
94-8220 Rear Bar	1	94-4408 Main Support Cage Mount	2
90-6849 Hardware Pack:	1	90-7628 Nut Plate	6

IMPORTANT!: This kit will not work in conjunction with a factory sound bar.

INSTALLATION:

Step 1: Unbolt and remove the soft top or hard top. Including door surrounds and all hardware.

Step 2: Carefully, open all the plastic seat belt shoulder strap retainer covers.





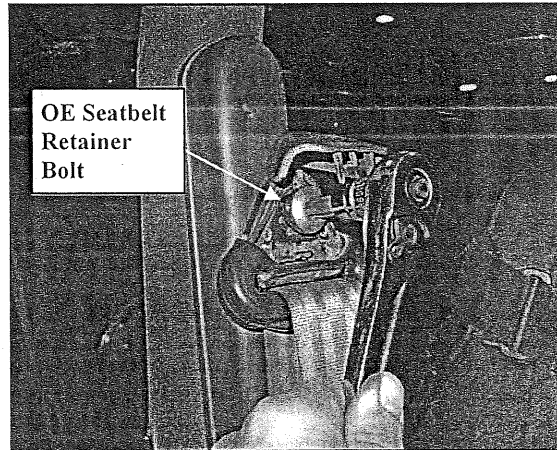
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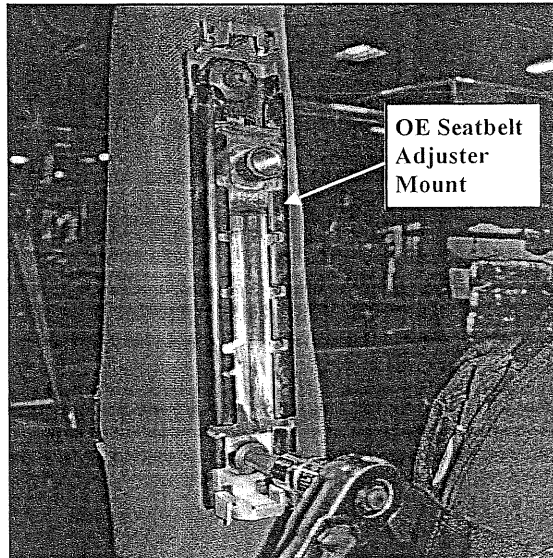
1997-2006 Jeep TJ

SRC 6-Piece Roll Cage Kit

Step 3: Unbolt and remove the front driver and passenger shoulder straps. Save hardware for reinstallation.



Step 4: Unbolt and remove the shoulder strap adjuster mounts from the vehicle. Save hardware for reinstallation.



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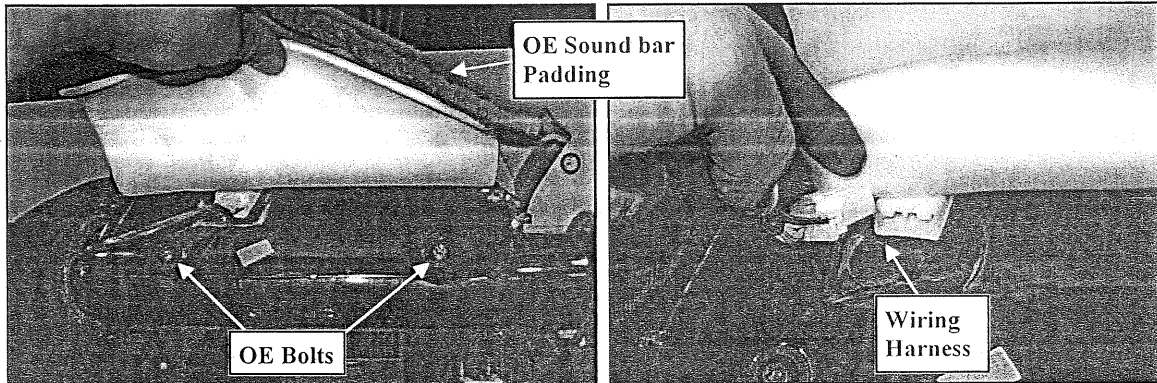
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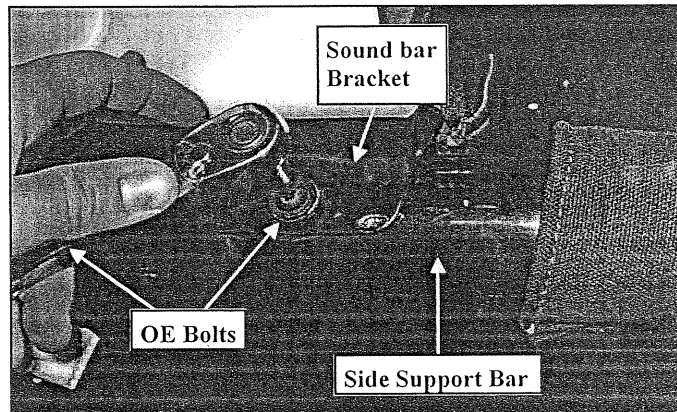
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Step 5: Remove the padding from the sound bar.



Step 6: Pull the padding to one side of the side support bars to reveal the OE sound bar bolts and wiring harness. Unclip the wiring harness.



Step 7: Remove the (2 per side) OE bolts connecting the OE side support bars to the soundbar bracket.

Step 8: Unzip and remove all factory padding from the factory roll cage.



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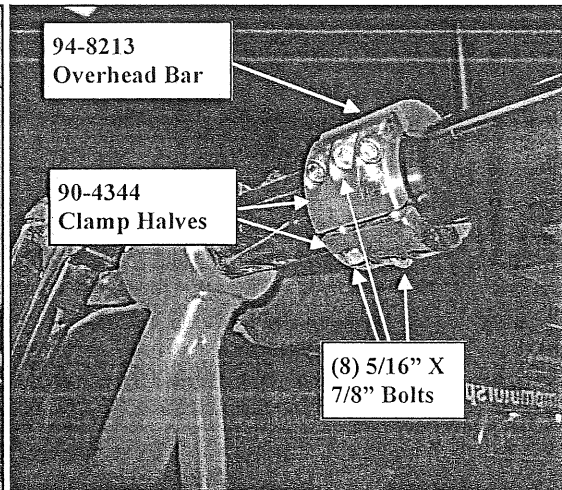
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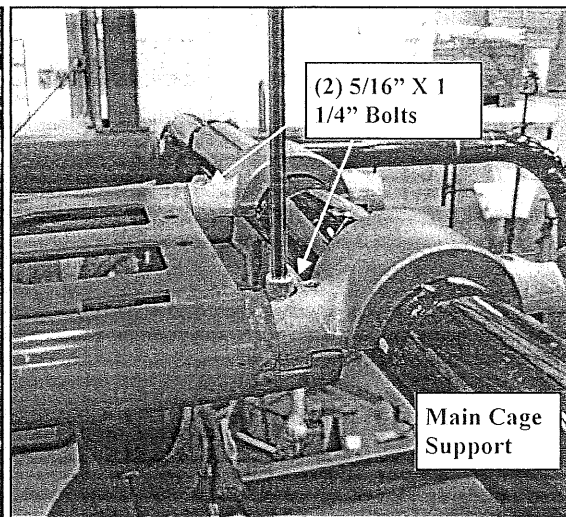
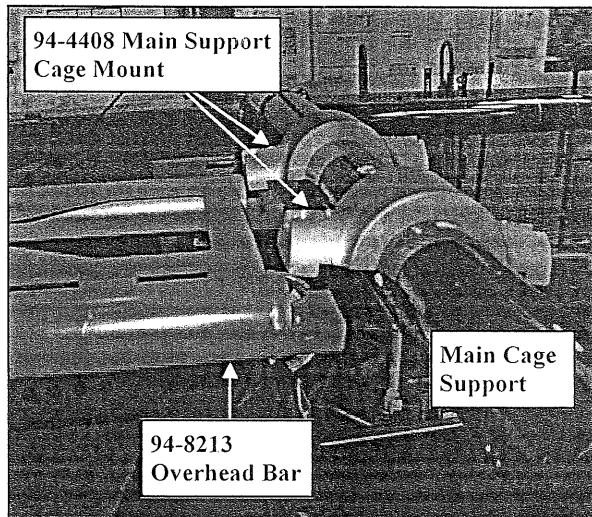
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Step 9: Install the overhead bar (94-8213) over the OE driver and passenger side support bars. Secure the overhead bar to the side support bars using the (90-4344) clamp halves, and (8 per side) 5/16" X 7/8" bolts. *NOTE: If the overhead bar (94-8213) will not fit properly loosen the side support hardware to achieve proper alignment.*



Step 10: Install the main support cage mounts to the OE cage main support hoop . (94-4408).



Step 11: Slide the overhead bar (94-8213) back and interlock the clamps with the Main Support cage mounts (94-4408). Secure using the (2 per side) supplied 5/16" x 1 1/4" bolts.

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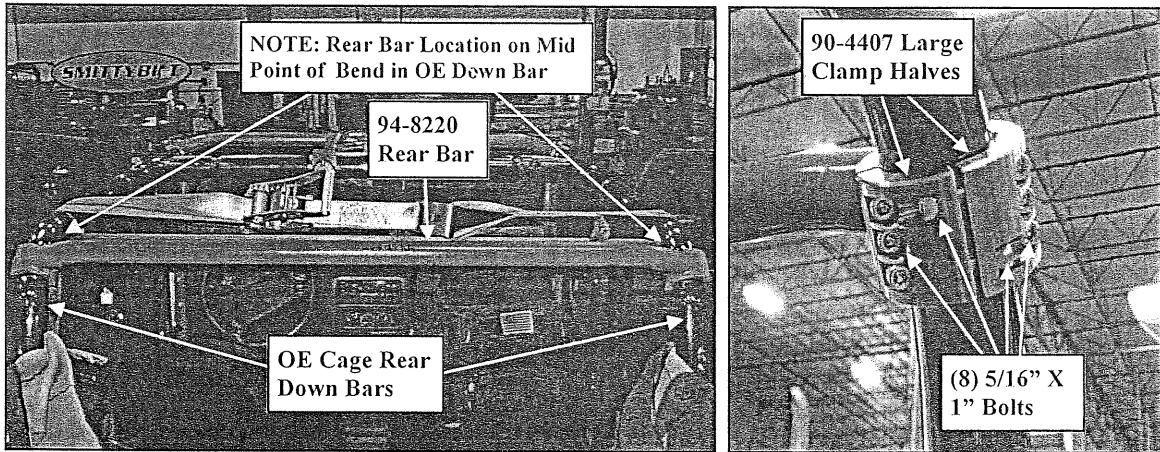


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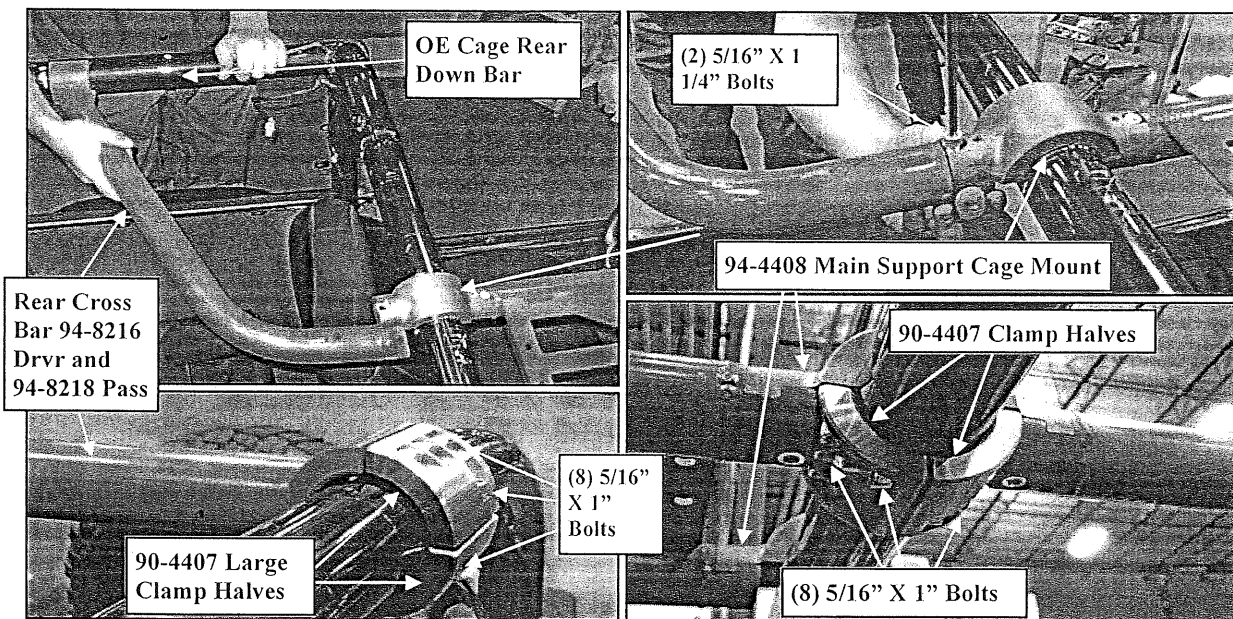
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1997-2006 Jeep TJ
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Step 12: Install the rear bar (94-8220) to the rear down bars of the OE roll bar. Secure to the OE rear down bars using the (90-4407) large clamp halves, and (8 per side) 5/16" X 1" bolts. The rear bar (94-8220) should be positioned at the mid point of the bend in the OE rear down bars.

NOTE: Due to the fact that the OE cages vary in width, an 1" to an 1 1/2" from the factory, the rear bar was intentionally built small. You will need to pull the sides of the OE cage together using a ratchet strap to achieve proper fitment of the new rear bar. Also the bolts that retain the rear of the OE cage to the floor may need to be loosened.



Step 13: Install the rear cross bars (94-8216 Drvr and 94-8218 Pass) to the OE main cage. Secure to the OE rear down bars using the (90-4407) large clamp halves, and (8 per side) 5/16" X 1" bolts. Secure the main cage support mounts using the (2 per side) supplied 5/16" X 1 1/4" bolts. *NOTE: They will need to be slid in from the center out.*



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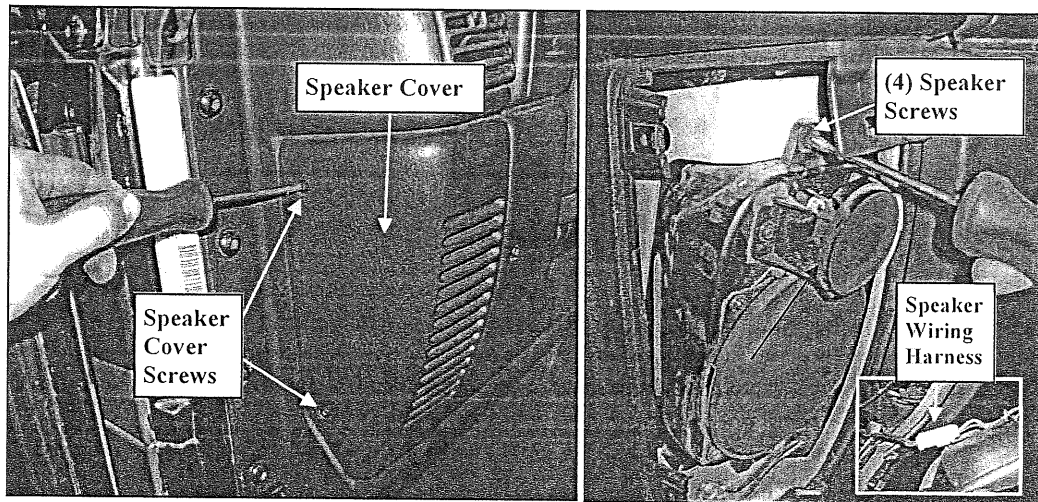
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1997-2006 Jeep TJ

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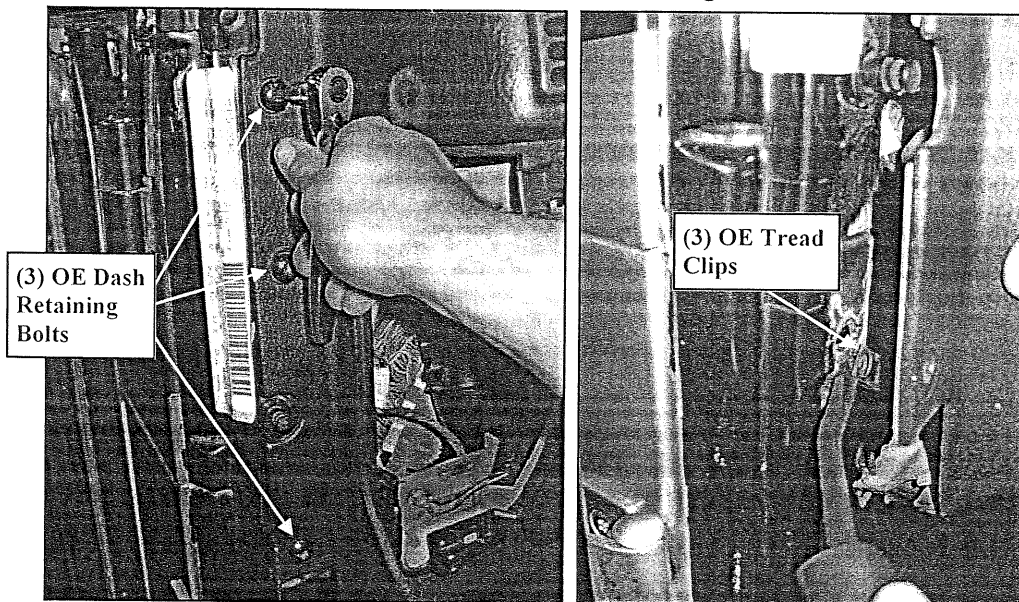
Step 14: Remove the doors from the vehicle. Save the hardware for reinstallation.

Step 15: Remove the (2 per side) Phillips head screws retaining the speaker covers and remove the speaker covers from the vehicle.



Step 16: Remove the (4 per side) Phillips head screws retaining the speakers. Unclip the wiring harness and remove the speakers from the vehicle.

Step 17: Unbolt and remove the (3 per side) bolts attaching the dashboard to the vehicle.



Step 19: Carefully, pull the dashboard back far enough to access the (3 per side) tread clips. Remove all the tread clips and push the dashboard back.

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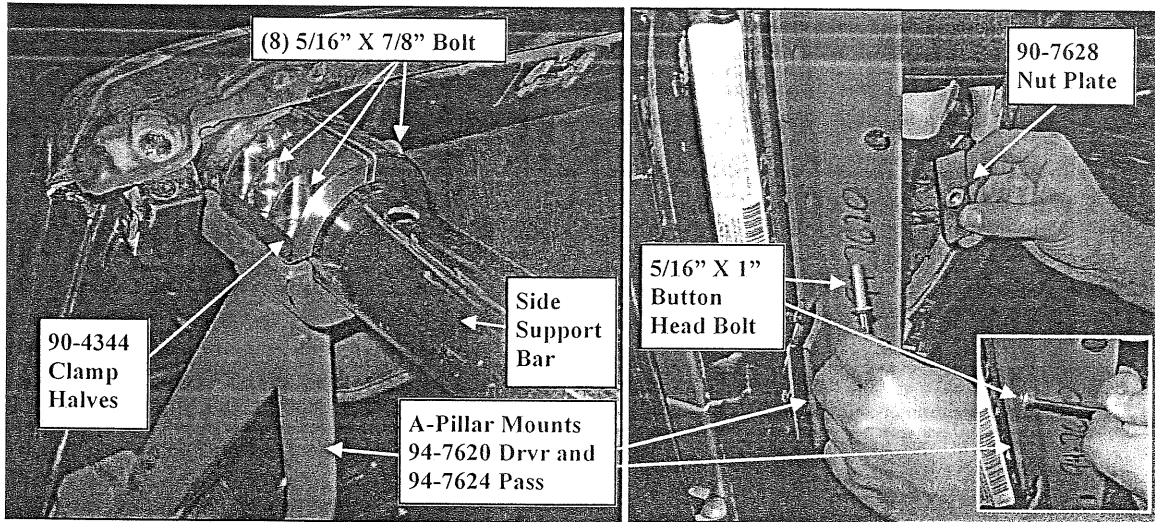
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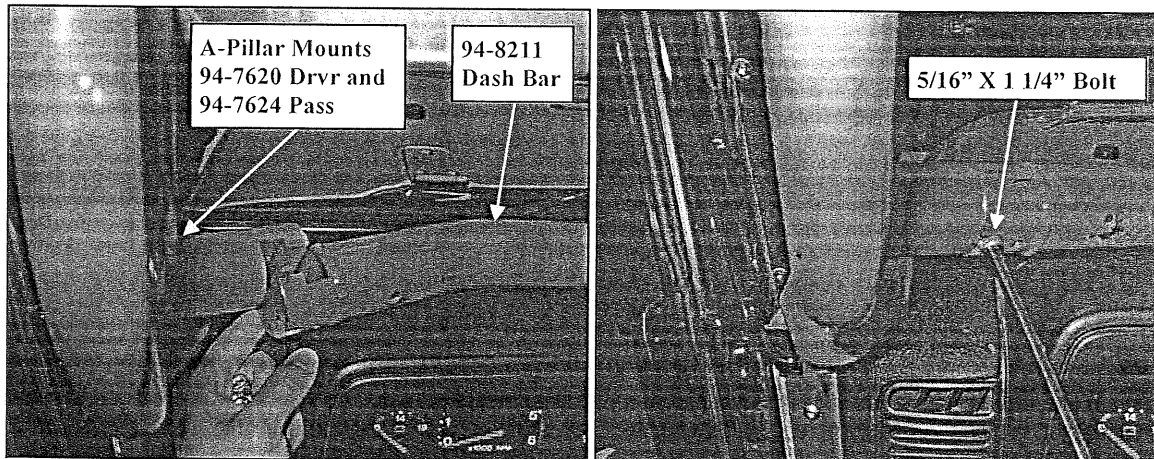
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SRC 6-Piece Roll Cage Kit

Step 20: Tighten the OE side support bars to windshield hardware. Clamp the A-pillar mounts (94-7620 Drvr and 94-7624 Pass) to the OE side support bars. Secure to the side support bars using the (90-4344) clamp halves, and (8 per side) 5/16" X 7/8" bolts. Leave hardware loose and slide the clamps as far forward as possible.



Step 21: Line up the holes in the dash with the holes in the lower A-pillar mounting plates. Secure the lower A-Pillar mounting plates to the dash using the (3 per side) provided nut plates (90-7628) and (3 per side) 5/16" X 1" button head bolts.

NOTE: Due to variances in the vehicles from the factory, these holes may need to be opened up.



Step 22: Install the dash bar (94-8211) by rotating up and forward as shown above. Secure the dash bar to the A-Pillar mounts using the supplied (2 per side) 5/16" X 1 1/4" bolts.

Step 23: Torque all OE hardware according to manufacturers specifications or the supplied hardware according to the torque chart on page 9.

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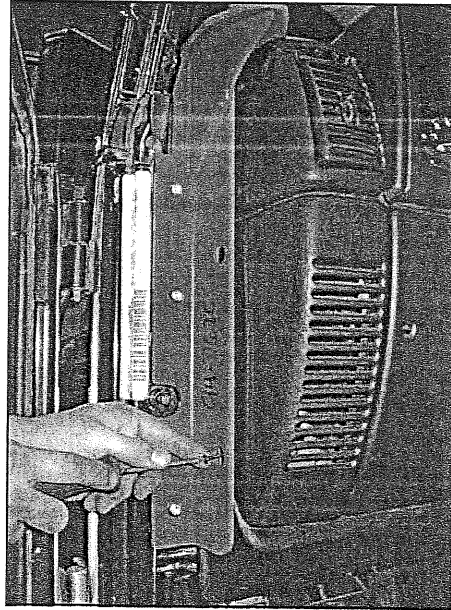
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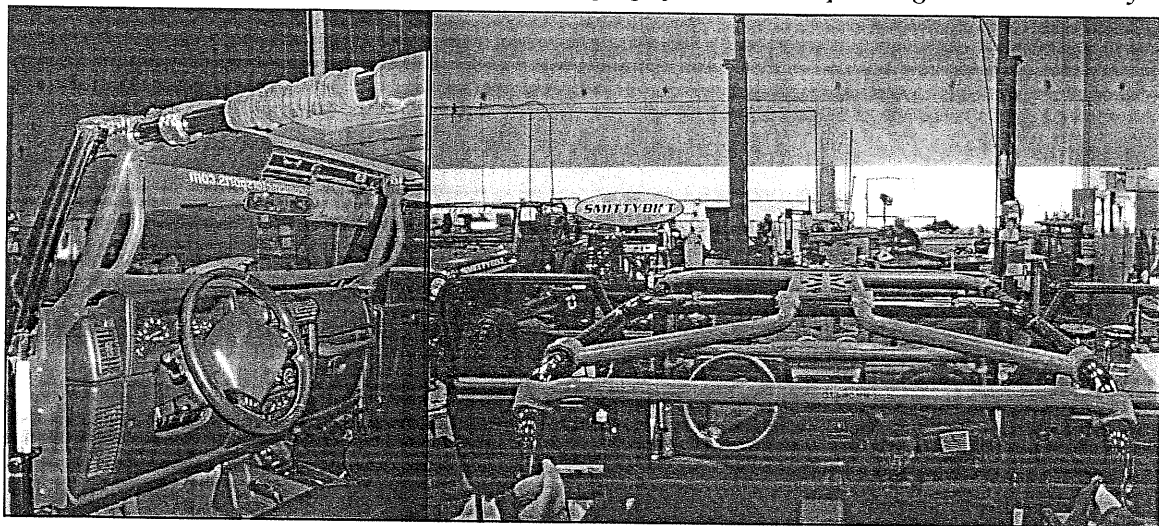
Step 24: Reinstall the previously removed speakers and speaker covers using the previously removed OE screws.



Step 25: Reinstall the previously removed front shoulder strap adjuster mounts using the previously removed OE hardware.

Step 26: Reinstall the previously front seat belt straps to the adjuster mounts using the previously removed OE hardware. Re-attach the seatbelt wiring harnesses.

Step 27: Properly reinstall all the previously removed roll bar padding. Installation is now complete. *NOTE: Some cutting and rearranging of the roll bar padding will be necessary.*



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Bolt Torque and ID						
Decimal System			Metric System			
All Torques in Ft. Lbs.						
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130	165	210
3/4	185	280	M18	170	240	290

1/2-13x1.75 HHCS
D T L X

Grade 5 Grade 8
 (No. of Marks + 2)

M12-1.25x50 HHCS
D T L X

P = Property Class (Bolt Strength)

G = Grade (Bolt Strength)
 D = Nominal Diameter (Inches)
 T = Thread Count (Threads per Inch)
 L = Length (Inches)
 X = Description (Hex Head Cap Screw)

P = Property Class (Bolt Strength)
 D = Nominal Diameter (Millimeters)
 T = Thread Pitch (Thread Width, mm)
 L = Length (Millimeters)
 X = Description (Hex Head Cap Screw)

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Limited Warranties

Smittybilt's products are covered under the following limited warranties only. Note that the duration of the limited warranty differs according to the material and finish of the product purchased. Subject to the duration and conditions of the limited warranty stated below, Smittybilt warrants to the original retail purchaser that its products are free from defects in material and workmanship. All other warranties and representations express or implied, are hereby disclaimed, including fitness for merchantability and buyer's intended use or purpose. All parts are sold "AS IS" except for the limited warranties granted herein. Buyer assumes all risks as to the selection, suitability and performance of all goods and products selected. This limited warranty does not cover damage or impairment in any part due to misuse, improper installation, accident or contact with on-road or off-road hazards, product modification, improper or inadequate cleaning and/or maintenance. Smittybilt is not responsible for items damaged during shipping. This warranty is not transferable from the original buyer. For the original Buyer to be eligible for the limited warranty coverage, the Buyer must provide proof of purchase. Smittybilt strongly recommends returning the warranty registration card.

Customer's remedy hereunder shall be limited only to repair or replacement (at Smittybilt's option) of any defective part(s) returned to Smittybilt at customer's expense. The determination of whether or not a returned part is defective or subject to coverage under the limited warranties stated herein shall be made at Smittybilt's sole discretion.

Duration of Limited Warranty

Limited Lifetime Warranty on Stainless Steel Products -

Smittybilt stainless steel products carry the foregoing limited repair or replacement warranty against workmanship and defects in the material so long as the original purchaser retains the original stainless steel parts.

Limited Five (5) Year / 50,000 Mile Pro-Rata Warranty (whichever occurs first) on Dual-Stage Powder Coating Products -

Smittybilt dual-stage powder coated products carry the foregoing limited repair or replacement warranty for a period of (5) years or 50,000 miles (whichever occurs first) from date of purchase against workmanship and defects in the material, provided that any claim submitted after (2.5) years from date of purchase shall, if accepted, be satisfied by Smittybilt offering customer a credit on the purchase of a replacement product equal to fifty percent (50%) of customer's initial purchase price.

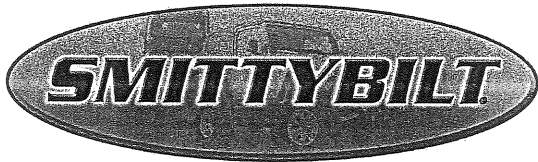
Limited Three (3) Year / 36,000 Mile Pro-Rata Warranty (whichever occurs first) on Chrome Products-

Smittybilt chrome products finished carry the foregoing limited repair or replacement warranty for a period of three (3) years or 36,000 miles against workmanship and defects in the material (whichever occurs first) from the date of purchase.

To assure product quality, Smittybilt reserves the right to change product design, material, specification and finishes without prior notice to customers. This limited warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply as to you. Also, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Smittybilt reserves the right to discontinue product lines and substitute products, or provide other remedies than those listed in this limited warranty for those discontinued products.

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Installation Tips

DESCRIPTION- SRC CAGE KIT
DATE 11/06/2012

ADJUSTMENTS/INSTALLATION TIPS

In many instances when both A-pillar bars are installed and tight, the Dash bar may not slide in place from top of windshield down to dash. The A-pillars also could be too far apart which will also make the Dash bar difficult to install.

1. You will need to loosen all the bolts on one of the A-pillars.
2. Completely remove the bolts on the other A-pillar.
3. Loosely attach the Dash bar to the A-pillars. (Fig 1)
4. Now install the previously removed A-pillar, starting with the top of cage first. **Do not tighten.**
5. Next install the 3 side dash bolts on the A-pillar. (Fig 2)
6. Once all the bolts have been started, you can now tighten all the bolts.

Note: OEM soft tops will require cutting/trimming of the door surrounds

OPTIONAL: The front corner molded pieces previously removed can be reinstalled with some careful trimming or left off. If trimming use the installed vertical front uprights in order use as a guide on where to trim. (Fig 3&4, JK version shown)

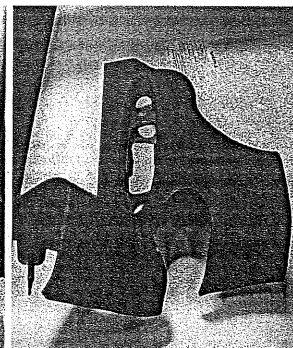
SOFT TOPS: If you are using your door surrounds you will need to trim a portion of the front clamp on both sides in order to clear the front top cage bar. This can easily be done with a hack-saw. Hold the surround up into position and mark the area that needs to be cut off and then carefully trim it.



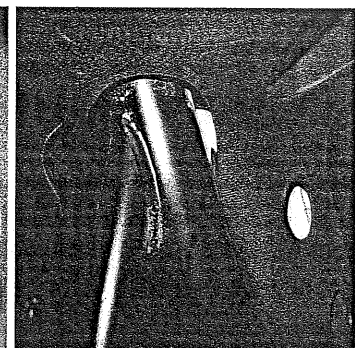
(Fig 1)



(Fig 2)



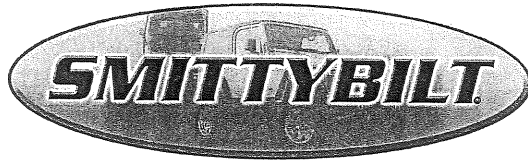
(Fig 3)



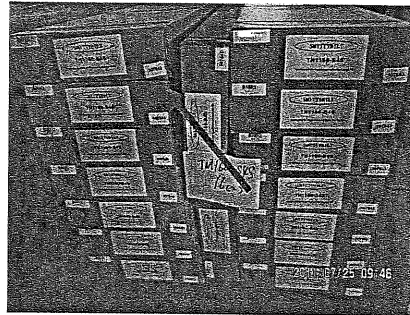
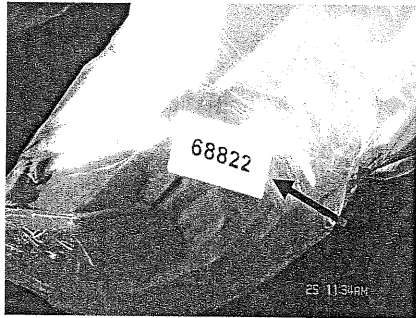
(Fig 4)

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NOTE: Please take time to fill in the information requested below. It is highly recommended to keep this with the instructions and warranty information in a safe location. This will help with any warranty or customer service issues if they should arise. Please write down the DOP# that is located on the outside of the box and or on part or hardware box. (Pictured Below)



Part Number: _____
Date of Purchase: _____
Where did you purchase this product? _____
Store or catalog name: _____
Store Location: _____
Invoice # _____
DOP# _____
Who installed or will install your Smittybilt product? _____

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