# BACKBONE

## Jeep Wrangler JK 4dr Hard Top 2007 0n



## **Important Information**

### Max: 120kg (264lbs) - Three Crossbars. Max: 100 (220lbs) - Two Crossbars. Time: 2 Hours.

Read through instructions before installation. If you are unsure or have any questions, refer to the dealer or place of purchase.

#### **Recommendations:**

It is essential that all bolt connections be checked after driving a short distance when you first install your crossbars. Bolt connections should be checked again at regular intervals (probably once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the crossbars each time they are refitted. Make sure to fasten your load securely. Please ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible. Use non stretch ropes.

#### Please remove crossbars when putting vehicle through an automatic car wash.

#### Load Ratings:

Maximum permissible load is 120kg (264lbs) for three crossbars including the weight of the crossbars, 7.5kg (16lbs) for three bars and 5kg (11lbs) for two bars. When crossbars are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit for off-road use, three crossbars = 80kg (176lbs) and two crossbars = 66kg (145lbs). Although the crossbars are tested and approved to AS1235-2000, Off road conditions can be much more rigorous. However, increasing the number of crossbars does not increase the vehicles maximum permissible roof loading.

Note for Dealers and Fitters: This is a two person installation. The removal of the hard top requires assistance. It is your responsibility to ensure instructions are given to the end user or client.

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# **Parts List**



Item	Component Name	Qty R	Qty L	Part No.	Item	
1	Rear Bracket	1	1	CA1274	9	
2	Middle Bracket		2	CA1275	10	
3	Front Bracket	2	2	CA1276	11	
4	Backing Plate	2	2	CA1277	12	
5	Front Support Plate	1	1	CA1278	13	
6	Internal Support Vertical		2	CA1279	15	
7	Internal Support Vertical		2	CA1280	16	
8	Internal Support Base	1	1	CA1281	17	
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Tools Required:						

-Support Stands

-Tape Measure

-Marker Pen

-6-18mm Step Drill

-4mm Allen Key (supplied)

-10mm Spanner

- 13mm Spanner

-3.0mm Drill Bit

-6.5mm Drill Bit

-5mm Allen Key (supplied)

-Drill

9	M8 Nyloc Nut Black	4	N043
10	M8 Flat Washer Black	8	CA1068
11	M6x12.5mm Flat Washer Black	4	W003-Blk
12	Bracket Fixture Plate	4	CA1282
13	M6 x 40 Counter Sunk HD Bolt Black	8	B211
14	M8 Spring Washer Black	4	W019-Blk
15	M8x20 Hex Setscrew Black	4	B020-Blk
16	M6 Flat Washer Black	10	W054-Blk
17	M6x20 Button Security Screw	4	B062
18	M6 x 30 Socket HD with O-Ring	2	B210
19	Front Bracket Foam	2	CA1283
20	Middle Bracket Foam	2	CA1284
21	Bracket O Foam L	2	CA1285
22	Bracket O Foam S	4	CA1286
23	Bracket Foam Square	2	CA1287
24	Bracket Support Material	2	CA1288
25	M6 Nyloc Nut Blk	10	N069
26	4mm Allen Key	1	H001
27	5mm Allen Key	1	H002
28	M6 Spring Washer	4	W004
29	End Bracket Rear Foam	2	-
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**Component Name** 

Qty

Part No.

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