



Fitment Instructions Jeep Liberty

Packing list:

- 1*rack bed
- 2*side rails
- 1*rear rail - the curved one
- 4*0.15m mounting channel
- 4*0.15m mounting rubber

Small Box #1

- 6*stainless u channel brackets - with Hannibal elephant
-fitted with 24 sets 6mm*12mm nuts, washers and dome nuts and 2 sets 6*15mm for the front attachment point of the top rail.
- 8*8mm countersunk bolts - fix track to vehicle
- 8 of 8*40mm bolts
- 8 * 8mm nuts
- 16 * 8mm spring washers



Small box #2

4 assembled leg sets consisting of:

- 4 of leg top hinge section
- 4 of leg base section (curved plate)
- 4 of leg L bracket section
- 4*rectangular stainless steel plates with threaded holes
- 8 of 6*10mm allen cap bolts.
- 4 of 8*70mm allen cap bolts
- 4 * 8mm nyloc nut
- 4 of 6*10mm allen cap bolts.
- 4 * 6mm nyloc nuts.
- 8 of 8*20 bolts
- 16 * 8mm flat washers
- 8 * 8mm nyloc nuts



Top Rail assembly:

1. Slide firstly 1 of the 6.15mm, then 4 of 6*12mm bolts into each channel on the top of the tubing on the sides on the rack. The very first one, slide all the way forward - this will be used to fasten the front of the top rail to the rack at a later stage.
2. Slide 4 of 6*12's into the underside of each top rail, as well as the back curved one.
3. Attach 2 stainless u channels to both sides of the rack - the back one should be positioned so that it overlaps with half of the rear rail, and half on the side rail - position the join in the middle. Position the front one midway between the rear and the front of the side rail. Mount the side rail on top of these plates, bolting the front down with the one bolt you



left right in the front of the rack. Tighten all in place(keep loose for minor adjustment), repeat for back rail and other side rail.

4. Tighten all nuts.

Fitment:

1. Remove the factory fitted bars if present - cover can be easily removed to expose bolts.
2. Mark out the mounting channel to correspond with these above mentioned pick up points if not pre-drilled. Drill the two 9mm holes in these positions per channel. Drill the rubber as above. Repeat on the other sets of mounting channel and rubber. Fit rubber to channel.
3. Place track and fitted rubber on top of bolt holes, insert bolts and tighten evenly.
4. Slide in leg assembly, all bolts hand tightened at this stage.
5. Place rack on top of feet and slide feet to line up with flat mounting section on the rack.
6. Ensure legs are adjusted evenly and level using all the adjustment holes in the legs.
7. Tighten all bolts in leg sets.
8. Insert two 8mm bolts into flat mounting bracket per leg, add washers (top and bottom) and nuts and tighten.



Important:

Check all nuts and bolts periodically to ensure none have loosened.

HANNIBAL SAFARI EQUIPMENT SOUTH AFRICA

Telephone: +27 21 534 9050

Fax: +27 21 534 9053

email: info@hannibal.co.za

Web: www.hannibal.co.za