



WORLD'S BEST  
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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**NBJ55SY, NB6J55SY**

REPLACES: 31.05.07

REVISED: 17.03.15

## FITTING INSTRUCTIONS

### KL JEEP CHEROKEE Limited 5-13 76MM NUDGE BAR / 63MM SERIES 2 VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

NOTE: For fitment of Protection bar, vehicle may need to be driven above 30 KPH to reset computer to allow for parking sensor wiring extensions.

1. Lift bonnet.
2. Remove top cover trim from between park lights.
3. Remove three 8 mm head screws from front of wheel arch per side, drill out 2 alloy rivets from chin spoiler per side and four 10 mm head bolts from underside of bumper. Pull outwards on wheel arch flair whilst unclipping from inside of wheel arch. Remove one 10 mm head bolts from rear wing where it meets guard per side. Remove two 10 mm head bolts from outer grille opening per side **see figure 1**. Unplug bumper wiring harness from behind LH headlight. Pull out on rear wing to unclip bumper from bumper locator and remove bumper.
4. Remove four 15 mm head bolts from end of chassis rail and one 10 mm head nut per side and remove bumper reinforcement.
5. Measure in from outside edge of bumper reinforcement 160mm, align top edge of mount with reinforcement and using ECB steel mount as a guide, drill four 10 mm holes through alloy channel per side. Affix with four M10 x 65 bolts, flat washers, spring washers and nuts. **See figure 2**.
6. Refit bumper support to vehicle.
7. Remove two christmas tree clips from lower air dam L/H and R/H side so drill can access lower hole in mount. Drill 10 mm hole into alloy crash can. **See figure 3**. Refit christmas tree clips after drilled.
8. Install one M10 x 35 bolt, flat washer, spring washer and nut per side (supplied) into lower hole of mount. Align and square steel mount to front of vehicle and tighten all bolts.
9. Trim plastic bumper stiffener to fit around steel mounts. **See figure 4**.
10. Remove grille and chrome surround from bumper and trim to allow steel mounts to protrude through. **See figure 5 and 6**.
11. Refit grille and chrome surround to bumper.
12. Remove centre parking sensors from bumper. Fill holes in bumper using Black plastic plugs (supplied).



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13. On centre two parking sensors, cut wiring half way between the sensor and the wiring harness. Bare wiring harness and ends of wires to allow joining of wiring. Using Solder Joiners and 3 core wiring (supplied), rejoin parking sensor to original equipment wiring harness. Ensure correct joining of colour to colour. NOTE: solder joiners require a cigarette lighter only to shrink plastic coating and melt joiner solder. CAUTION: Do not overheat joiners as overheating will cause plastic on joiner to split. **See figure 7.**
14. Refit bumper to vehicle in the reverse step of 3. Ensure wiring harness for parking sensors is fed through bumper beside mounts.
15. Place 8mm nylon washer (supplied) over parking sensor. Ensure parking sensor has silicon washer on sensor end. Install parking sensors with silicon washers and nylon washers into parking sensor holders by carefully placing into hole twisting into position and installing mount locator to rear with M5 x 16 screws, flat washers and nyloc nuts to hold in position. **See figure 8.**
16. Fit protection bar onto steel mount using two M10 x 40 bolts, flat washers and nyloc nuts per side. Align protection bar to front of vehicle and tighten all bolts. **See figure 9 and 11 for front views and figure 10 and 12 for side views.**
17. Connect parking sensor to vehicle and secure wiring to alloy mount using a zip tie. Test parking sensor to ensure correct operation. NOTE: vehicle may need to be driven above 30 KPH to reset computer to allow for wiring extensions.

**ENSURE NUMBER PLATE IS CLEARLY VISABLE**

**Note:** When fitting/refitting the licence plate to the vehicle, ensure there is no obstruction to licence plate vision in accordance with local authorities. If required relocate licence plate to an alternate location.

**Further VFPS Notes:**

- a) Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- b) Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- c) Do not remove the plaque or label from the VFPS.
- d) Do not modify the structure of the VFPS in any way.
- e) No accessory or fitment should project forward of the VFPS forward profile.
- f) **ENSURE THESE INSTRUCTIONS ARE LEFT WITH VEHICLE OWNER AND/OR OPERATOR.**

**IMPORTANT INFORMATION**

Periodically check bolts and nuts for correct tightness, especially if travelling on rough roads

**FITTING KIT**

1 – Pair ECB steel mounts	14 – M10 x 1.5 nuts
2 – Nylon sensor washers	2 – M5 x 16 Pan Head phillips screws
2 – Sensor mount locator	4 – M5 flat washers
2 – Plastic plug 22mm	2 – M5 nyloc nuts
2 – M10 x 1.5 x 35 bolts	4 – 150mm zip ties
4 – M10 x 1.5 x 40 bolts	12 – Water proof Solder joiner
8 – M10 x 1.5 x 65 bolts	2 – 300mm length 3 core wire
28 – M10 flat washers	2 – 300mm length 10mm convoluted tubing
14 – M10 spring washers	



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Figure 1



Figure 2



Figure 3

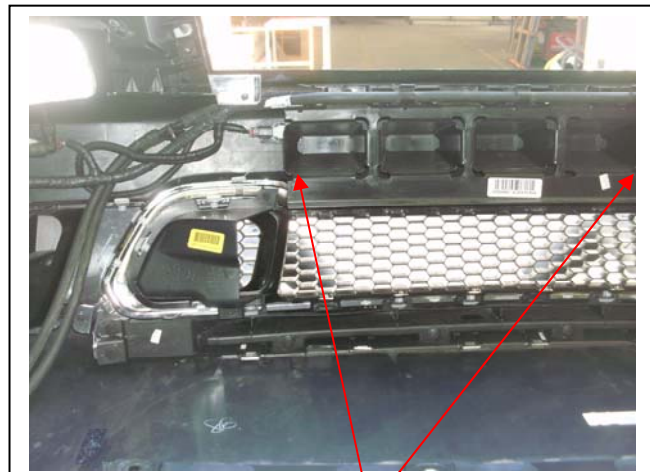


Figure 4



Figure 5: Approximate trim area. Some vehicles may vary



Figure 6





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Figure 7



Figure 8



Figure 9



Figure 10



Figure 11

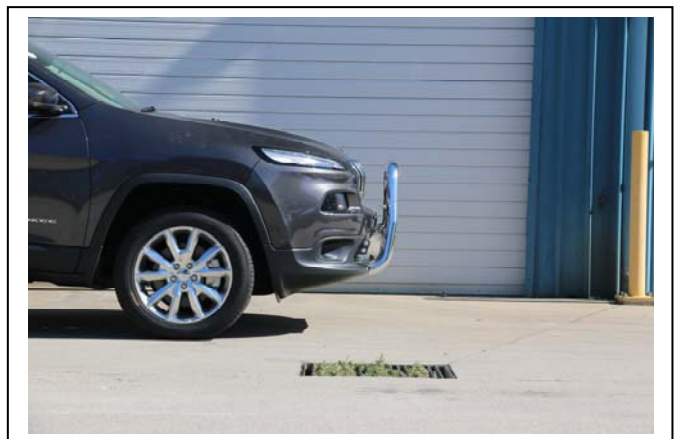


Figure 12



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**We value your comments**

Dear Fitter,

ECB would like to know how you went with the installation of this product. We value your comment and may need to contact you to clarify some details so please complete your contact details clearly.

We would appreciate if you could complete as many of the following details as possible.

<b>Your Name:</b>	<b>Your contact No.</b>
<b>Product Part No.</b>	<b>Product Invoice No.</b>
<b>Product Description:</b>	<b>Make, model, and year of vehicle:</b>
<b>Product Work Order No.</b>	<b>Company your from/Company product purchased from:</b>

**Date of Fitment:** \_\_\_\_/\_\_\_\_/\_\_\_\_

Was the fitting hardware supplied complete?

Yes

No

If no what was not supplied

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Did the installation go well?

Yes

No

Please provide comments

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Please draw diagrams if you need to.

**Post to**  
Reply Paid 122  
PO Box 122  
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**Fax to**  
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## DESPATCH CHECKLIST NBJ55SY, NB6J55SY

Work Order #		<b>See other side off this page for photos of all mounts</b>
Finish:		
Transport:		
Due Date:		

OC.....1 – Steel mounting brackets.

BK.....1 – Bolt Kit.

All parts checked and completed by:

\_\_\_\_\_/\_\_\_\_\_  
Wrapper's initials / Checker initials

Nut and bolts: \_\_\_\_\_ Date \_\_/\_\_/\_\_

Order control: \_\_\_\_\_ Date \_\_/\_\_/\_\_

Final wrap check: \_\_\_\_\_ Date \_\_/\_\_/\_\_



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\_\_\_\_\_  
Wrapper's initials / Checker initials

**Fitting Times:**

1. 1 min
2. 5 min
3. 10 min
4. 5 min
5. 10 min
6. 5 min
7. 5 min
8. 2 min
9. 2 min
10. 5 min
11. 5 min
12. 5 min
13. 10 min
14. 10 min
15. 5 min
16. 5 min
17. 8 min

Fit time 98 mins + 9mins read time = 107 mins