

Kingsley

STEPBOARDS®

FITTING INSTRUCTIONS

Part No: 18K100

KIA SORENTO 4WD

Model Commencing: 01/2003

END CAPS/MUDFLAPS: Front - 1 pair Plastic BULLNOSE
Rear - 1 pair Plastic UPSWEPT

HARDWARE KIT CONTENTS

PART NO.	DESCRIPTION	QTY
91Z003	M8 x 14mm bolt	18
91Z000	M8 x 11mm Flange bolt	12
91Z017	M8 flange nut	20

PART NO.	DESCRIPTION	QTY
91Z012	M8 Wired Bolt	2
97Z900	Rust Inhibiting compound	1
91Z018	M8 hex nut	12

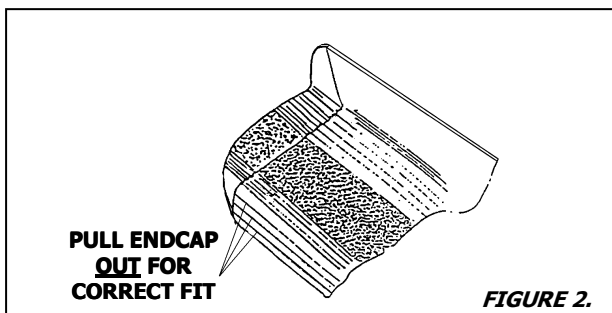
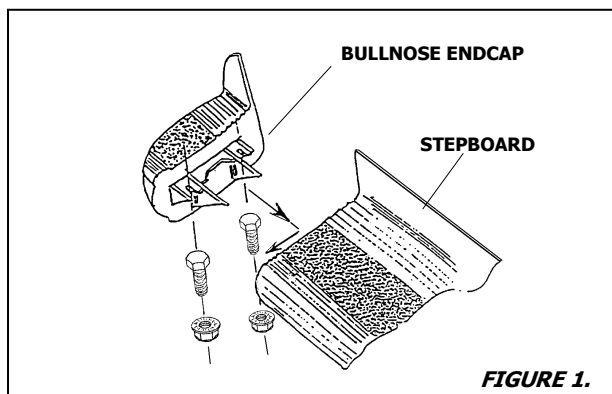
BRACKETS

PART NO.	DESCRIPTION	QTY
9BP011	Front R/H Bracket	1
9BP012	Front L/H Bracket	1
9BP013	Centre and Rear bracket common	4

BEFORE INSTALLATION: PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION, PAYING SPECIAL ATTENTION TO ALL 'NOTES'. FAILURE TO DO SO MAY RESULT IN DAMAGE OF PARTS AND/OR INJURY TO INSTALLER OR CUSTOMER.

TOOLS REQUIRED: ● ELECTRIC DRILL OR EQUIV. ● 3 & 8MM DRILL BITS ● CENTRE PUNCH ● HAMMER ● TAPE MEASURE ● MARKING PEN ● SOCKET SET TO 13MM & RATCHET ● 13MM SPANNER ● TORQUE WRENCH.

FITTING PROCEDURE

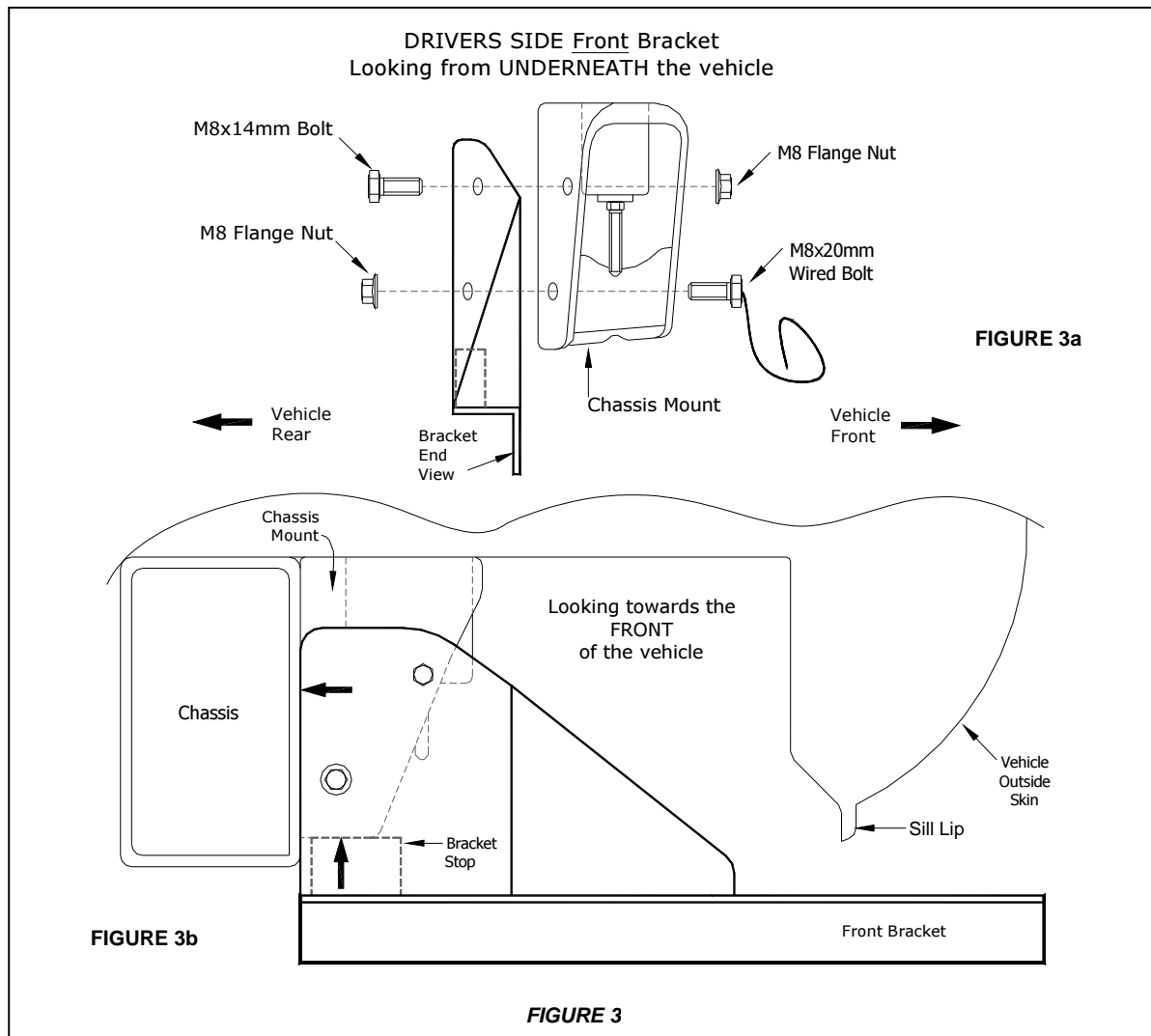


1. **Assemble the side step as follows:** Attach a moulded endcap to each side step using two (2) M8x14mm bolts (gold colour) and two (2) M8 flange nuts, **See figure 1.**

IMPORTANT: BEFORE YOU TIGHTEN THE ENDCAP, MAKE SURE THAT YOU PULL THE ENDCAP OUT SO THAT THE ENDCAP EDGE FULLY COVERS THE RAISED FEATURES ON THE SIDE STEP EDGE, **See figure 2.**

2. Slide into each of the underside channels of the side step three (3) M8 hex nuts, that is, six (6) per side step.
3. Complete the Stepboard Assembly by attaching to the rear of each board the Upswept endcaps in the same manner as for the Bullnose endcaps. **See Figures 1 & 2.**

Repeat for the remaining board and place the Stepboards in a safe place to prevent damage.



4. Move to the R/H (Driver's side) of the vehicle and proceed as follows.

Locate a chassis to body mount underneath the vehicle approximately 120mm from the front mudflap. Place the front R/H bracket (9BP011) on the longer section of the mount that is towards the rear of the vehicle – See *Figure 3a*. Push the bracket hard against the chassis and hard up against the bracket stop – See *Figure 3b*. Mark the location of the lower hole in the bracket to the chassis mount – See *Figure 3*.

5. Remove the bracket then centre punch the centre of the mark. Drill a $\text{Ø}3\text{mm}$ pilot hole to start with and then open the hole to a diameter of 8mm.
6. Apply rust inhibitor to the raw metal edges to prevent corrosion from developing.
7. Secure the bracket in position using the M8 x 20mm wired bolt and the M8 Flange Nut – See *Figure 3a*. Lock up to 10ft.lb (13.5Nm).
8. Use the top hole in the front bracket as a drill guide and drill an $\text{Ø}8\text{mm}$ hole. Rust inhibit raw metal edges and bolt up the bracket using M8 x 14mm bolt and the M8 Flange Nut – See *Figure 3a*.
9. Lift the driver's Side Step onto the front bracket and support the other end on a stand (can use the vehicle jack).

NOTE: THE BULLNOSE END CAP IS TOWARDS THE FRONT OF THE VEHICLE

Slide the Side Step forward to touch the front mudflap and position the step so that it sits parallel to the sill.

10. Secure the Side Step to the front bracket using 2x M8 x 11mm Flange Bolts, picking up nuts in the channels of the step – See *Figure 4*.
11. Move underneath the vehicle and locate a similar body feature as in step 4 approximately 1550mm from the front mudflap. Place the rear bracket (9BP013) onto the longer section of the mount that is towards the front of the vehicle – See *Figure 5a*. Push the rear end of the bracket hard back – See *Figure 5b*. Secure the Side Step to the rear bracket as detailed in step 10.

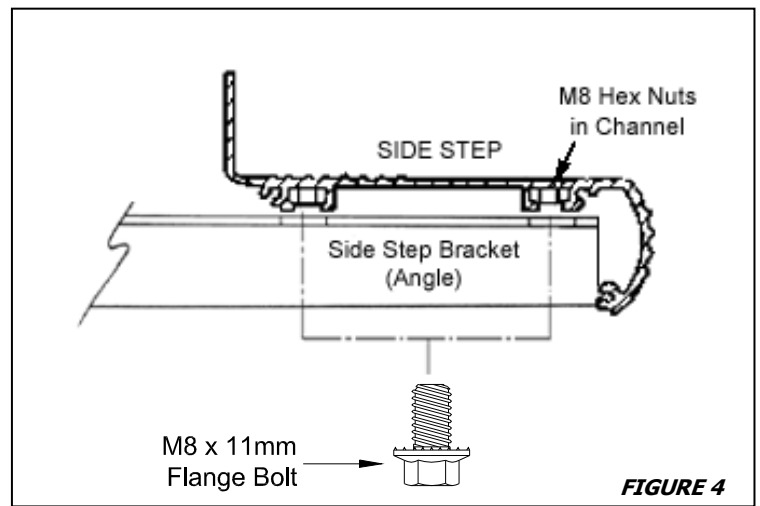


FIGURE 4

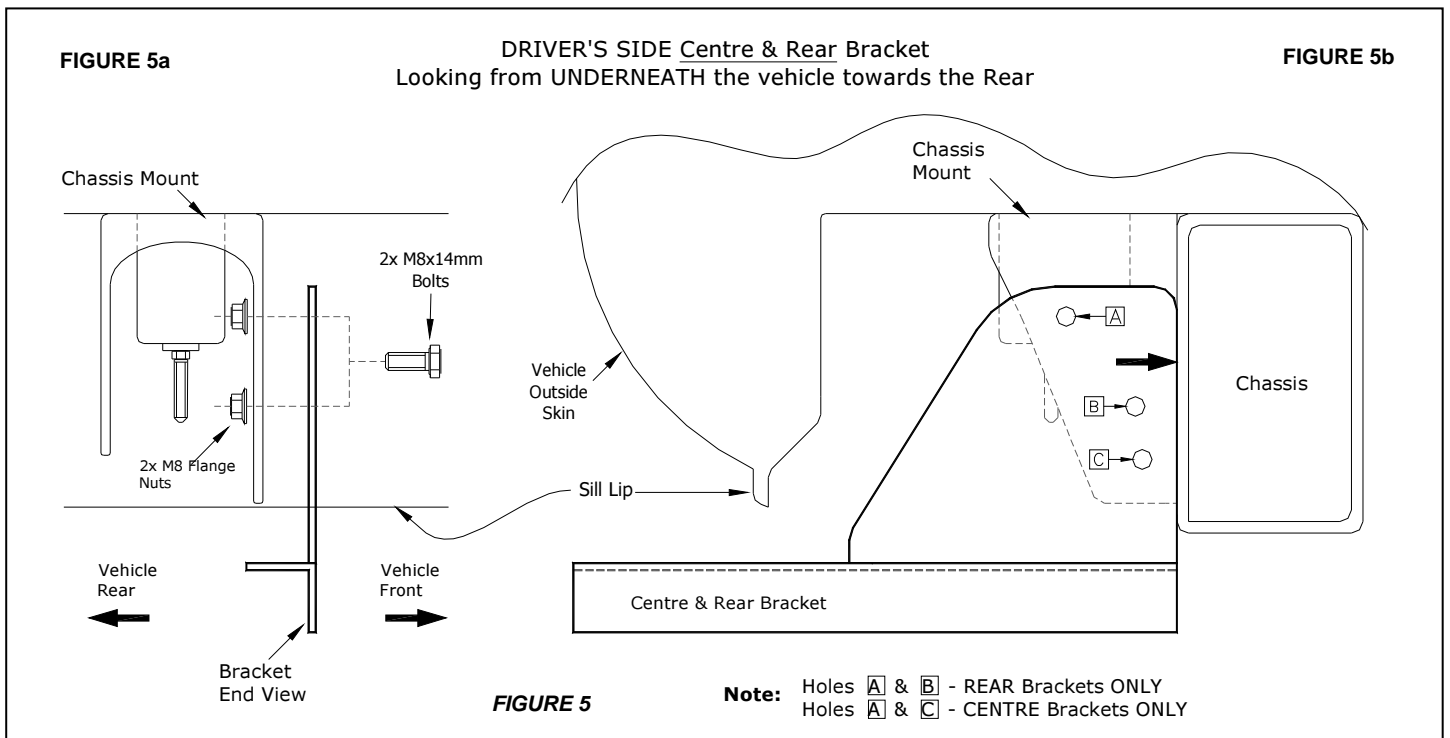


FIGURE 5

Note: Holes **A** & **B** - REAR Brackets ONLY
 Holes **A** & **C** - CENTRE Brackets ONLY

12. With the bracket held firmly in position, use hole 'B' of the bracket as a drill guide and drill an 8mm hole through the mount – See *Figure 5b*. Apply rust inhibitor as in step 6 and secure the bracket using M8 x 14mm bolt and the M8 Flange Nut – See *Figure 5a*.
13. Now drill through hole 'A' and complete the bracket installation as described in step 12.
14. Move along to the centre of the sill and locate a similar body feature as in step 4 approximately 930mm from the front bracket. Position the centre bracket (9BP013) as described in step 11. Secure the centre bracket to the side step – See *Figure 4* and step 10 for details.
15. With the centre bracket held firmly in position, follow the fitting procedures outlined in steps 12 and 13 to secure the bracket noting that you drill through holes marked 'A' and 'C'.
16. Check that the Side Step is pushed in, parallel to the sill and ensure the front End Cap is touching the front mudflap. Finally tighten all nuts and bolts before using the Side Step. Recommended torque on all bolts = 10 ft/lb (13.5 Nm).
17. Move to the passenger side (L/H) of the vehicle and repeat steps 4 to 16.

Clean the side steps if necessary using soapy water ONLY.

Your Stepboards are now ready for use

In accordance with our policy of total quality commitment and customer service, we invite you to contact us on our toll free hotline should you have any questions

Telephone: (02) 9792 2566 or Toll Free 1800 654 767

Kingsley Enterprises Pty Ltd 123 Eldridge Road Bankstown NSW 2200 Australia