

Maximum Carrying Capacity: Refer to vehicle's owners manual for towbar load specification. Always comply to the lesser value.

STEP 3: Tensioning the Spring Bars

A. Place snap up brackets on to a frame at a distance between 450 to 660mm from the centre of the coupling. Fasten the bolts on the snap up brackets to secure brackets into place ensure that both snap up brackets are at equal distances (Fig. 5a).

Note: on some caravan applications the gas bottles (or other accessories) may need relocation if the chain does not hang vertical.

B. Fit the spring bar retaining plate to the spring bars ensuring that the plate is a minimum of 100mm away from the end of the spring bars (Fig. 5b). Take load on the jockey wheel to bring trailer and vehicle to above horizontal.

Note: This is a safety precaution to reduce the strain on the person performing the next step.

C. Locate link of chain on the hook on the snap up bracket. Slide the easy lift handle on the snap up bracket and raise handle. Ensure the chain lifter passes over the centre. While keeping pressure on the easy lift handle, slide the safety pin through the small hole to lock the chain lifter in position. Repeat steps 3 through to 6 for the other side of the trailer or caravan. Check the level of the vehicle and trailer by measuring heights at the positions in step 1 preparation the front and rear of the vehicle should settle to original readings within 15mm (Fig. 5c).

D. Ensure that tow ball is well lubricated and tightened to the correct torque. Ensure all bolts, safety chains and brake connections are correctly fitted.

E. Hook the remaining Ring around the outside Spring Bar. Lift the Spring Bar and pull several links of the Chain through the hole in the Bracket. Position the Chain in the slot such that the Spring Bar is held in place. Repeat on the other side of the trailer/caravan.

F. Measure the vehicle's front and rear wheel arch height (Fig. 5d). Calculate the difference between these two figures. Compare this figure with that obtained in STEP 1A. If this figure is not similar, adjust the number of links that the Spring Bars are held up by. Try to get the two figures as close as possible to each other by adjusting the Chains.

Ensure that all of the Springbars are held up by the same number of links in the Chain, so that the load is distributed evenly.

G. Observe the following whilst travelling:

The Spring Bar tension must be adjusted every time load is taken out of or put into the trailer/caravan and the vehicle itself. Use the vehicle wheel arch measurements from STEP 3F to correctly adjust the Chains.

Ensure the Tow Ball is fastened tightly (approx. 200-250Nm of torque). Intermittently check the Tow Ball whilst in use.

Whilst driving, it should always be observed that the Weight Distribution be disengaged (ie. release Spring Bars) when: negotiating rough, uneven terrain; entering/exiting driveways, short steep gutters, access ramps, speed humps and dips; negotiating tight, acute turning at low speeds; or when travelling up/down steep abrupt inclines (ie. severe undulating road surfaces).

Do not use the Weight Distribution System to distribute ball weights greater than 130kg (285lb). If the towbar has a lesser rating than 130kg (285lb), comply to the towbar rating. Do not overload the towbar.

Fig. 4a

Note: Trailer Coupling not shown for illustrative purposes only

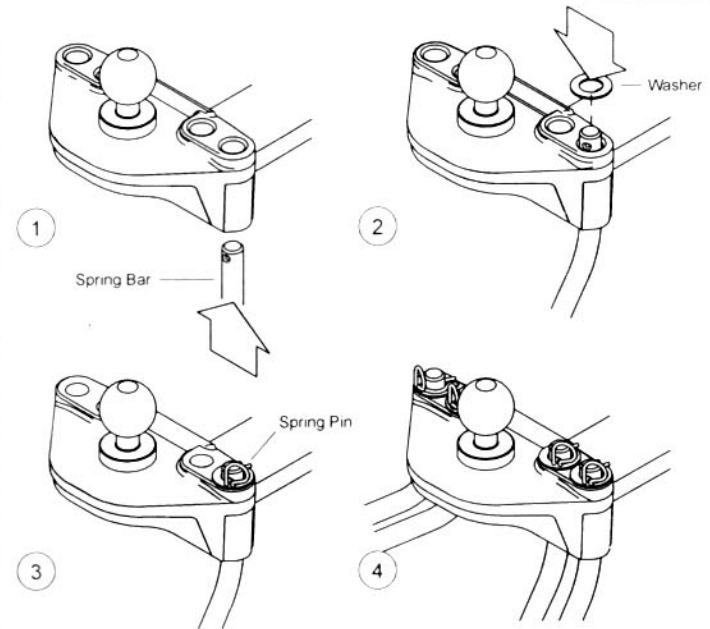


Fig. 5a

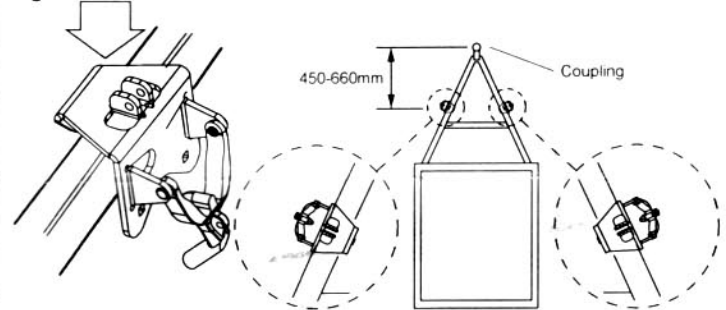


Fig. 5b

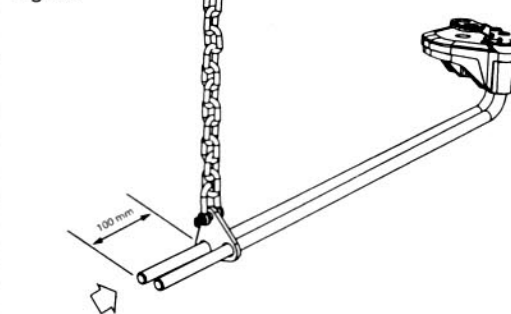


Fig. 5c

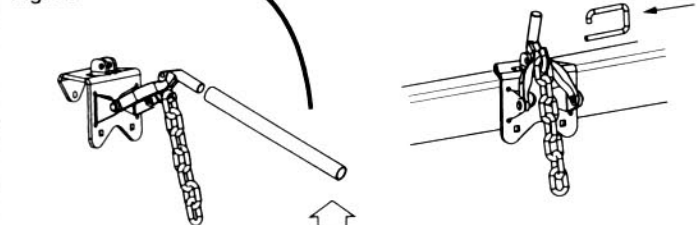
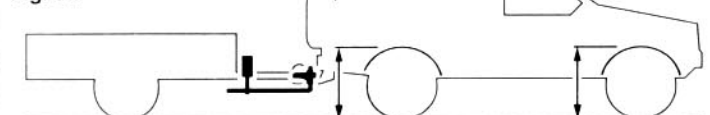


Fig. 5d



FAILURE TO FOLLOW THESE INSTRUCTIONS WILL VOID WARRANTY