

Midlift SL Ram Resynchronisation Procedure

It has been generally found that the ram loses its synchronisation because of air in the system. For this reason it is recommended that the ram be bled of air before trying to resynchronise the ram using the following procedures:

Bleeding of the ram

Bleeding is best achieved by extending the ram approx. 100mm from the lower floor level. Slowly open the lower bleed screw. Allow the cylinder to retract until either no bubbles are present in the oil being expelled, or the cylinder is fully down. If the cylinder has fully retracted before all air has been expelled, repeat the operation. Repeat for the upper bleed screw.

Resynchronisation of the ram

The ram must first be bled of air as above.

The ram has a built in system for resynchronisation. This is achieved by fully closing the ram. With the lift at the lower floor, remove the ram head-fixing bolt at the top of the carriage. Using the emergency-lowering valve, fully lower the ram. The ram may have to be pulled down to achieve this.

Raise the ram back up into the carriage collar and replace the ram head-fixing bolt.

Check the synchronisation. Repeat the procedure once more if required.

Note: the ram has been designed not to resynchronise during normal lift operation due to the poor ride quality encountered.

