

TROUBLE SHOOTING for “JUMP III” HINGE

Floor spring oil leakage problem

If there is no problem in the production of the product, oil leakage will generally not occur. A small amount of black oil stains on the camshaft after long-term use is a normal phenomenon, it is not an oil leak, and does not affect product performance.

Attention should be paid during installation:

- a) Never screw the speed control valve higher than the upper surface of the floor spring, otherwise, it will cause oil leakage.
- b) The door axis and the center axis of the floor spring must be on the same vertical line, otherwise, it may cause oil leakage.

There are noises when opening and closing the door

- a) Check if any screw for the top patch, top pivot, base adjusting block or the screws for clamping the glass have any loose. If yes, well tighten the screws and try again.
- b) Check If there is friction or scratch between the base cover and the hydraulic patch main body, which causes by deformation of the floor etc.
- c) Loosen the speed valve completely, but do not loosen out, check if the noise is eliminated under this condition. (When you do this, please notice that the surface of valve head should not be higher than the housing surface, otherwise it will cause oil-leakage)

After using for a period, the door leaf cannot return to 0°

- a) When the machine is installed, the top and bottom are not well aligned.
- b) After using for a period, the loosening of the fixing screw of the hydraulic patch base will also cause the zero position to be misaligned.

Precautions for use

- a) Maximum opening angle of the product is 140 degrees. If the opening angle of the door exceeds the specified maximum opening angle when the door is opened in an unexpected situation, the internal structure of the floor spring may be damaged. In severe cases, the shaft head will break.
- b) When the door is in automatic soft closing, do not push or pull the door by force.