

Hidrive SOP (Standard Operational Procedure)

DOOR CLOSING - GULLWING.

The two stage hinge and gas strut are some of the door components of the Hidrive product with its signature curved gullwing doors providing a number of user friendly benefits including maximum accessibility and the door open seal.

The struts deliver 40 - 45kgs of pushing force (400 - 450nm) engineered to provide the inertia for the door to open smoothly and correctly. Don't ever 'assist' the door in opening as this can result in damage to the door if the second hinge stage engages too early.

When closing, the door itself provides leverage to close the door with no strain on the operator when following the correct procedure.

It's as Easy as 1, 2, 3

STEP ONE.

The door pull down strap allows the operator to bring the door down to the first stage of the hinge function in case the full height of the opened door is just out of comfortable range to reach.

STEP TWO.

The door should then be pulled down by placing both hands on top of the door with the palms facing downwards. No shoulder rotation should be required. Using only one hand will put too much strain on the shoulders.

STEP THREE.

Once your arms are below chest height and shoulders in the medial position (and with no need to change your hand positioning) the operator begins to push the door rather than pull down as the door continues through its arc.

The door can then be pushed all the way to the closed position with minimal shoulder flexion and rotation.



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Certified System

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DO NOT'S

Do not pull the door all the way down by the strap as this will cause unnecessary strain on the operator.



Do not close the door with 1 arm only which will result in shoulder rotating and potential for strain.



Do not close the door without using the pull down strap as this will cause unnecessary reach and strain on the operator.



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