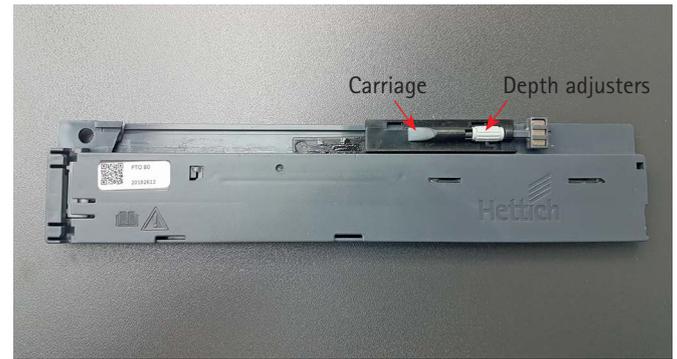


Fault Analysis

Push to open Silent (PTO) 2.0

Removing the drawer for closer analysis



Fault images	Operation	Possible cause	Remedy	Comment
Drawer will not open.	Pressing anywhere on the front panel.	Front panel reveal too narrow.	Increase front panel reveal.	
"Drawer will not open PTO on pressed side pushes open, passive side does not."	Pressing on one side of the front panel.	No synchronisation bar.	Fit synchronisation bar.	
"Drawer will not open PTO on passive side pushes open, active side does not."	Pressing on one side of the front panel.	Front panel reveal too narrow.	Increase front panel reveal.	
"Drawer will not open Drawer only opens when pressing on one side."	Pressing on one side of the front panel.	Depth adjusters are set unevenly / drawer is sticking.	"Unscrew depth adjuster on this side or drive it in on the other side. Depending on the system: correct lateral drawer maladjustment in the cabinet body (Actro 5D radial adjustment)."	"This can be identified by one front panel side responding ""more gently"". The carriage is too far forward when the drawer is closed."
"A loud clicking / activating noise can be heard on one side in the PTO. The drawer cannot be triggered on the side producing the clicking / activating noise."	Pressing on one side of the front panel.	Depth adjusters are set unevenly or the drawer is sticking.	"Unscrew depth adjuster on this side or drive it in on the other side. Depending on system: correct drawer alignment."	This can be identified by one front panel side responding "more gently."
Drawer not opened far enough.	Opening the drawer.	Wrong PTO assembly installed in terms of SELF CLOSING travel.	Install PTO Silent unit geared to weight of drawer.	
"The drawer immediately comes open and does not stay closed. The drawer stays closed the second time it is pushed in."	Drawer being placed on the runners for the first time and pushed closed.	"The synchronisation slide was moved into the triggering position when fitting the synchronisation bar. When activated on one side or unevenly, the synchronisation bar always keeps the synchronisation slide in the triggering position."	"Both slides must be tensioned simultaneously and as synchronously as possible with the synchronisation bar. Fit and close drawer."	This is not a fault.
The drawer comes out of the cabinet body again after every further attempt to close it.	Drawer being placed on the runners for the first time and pushed closed.	The synchronisation bar is jammed / too long.	"Check whether the synchronisation bar moves easily. Shorten synchronisation bar."	"The synchronisation bar must move easily in the PTOs. It must be possible to turn it (approx. 20°) and move it to the side (approx. 1-2mm)."
A PTO is triggered on one side and the drawer stays open by a short distance. The same fault pattern is repeated when the drawer box is pulled open and closed again.	Drawer being placed on the runners for the first time and pushed closed.	"The PTOs were moved into the triggering position in mounting the synchronisation bar. Depth adjusters set differently."	The drawer only has to be pushed closed once after the fault occurs.	
A rail is immediately pushed out and cannot be pushed in and locked again.	"Under base runner: Inserting the synchronisation bar."	Synchronisation bar is twisted, the activators are not parallel to each other.	Try a new synchronisation bar.	

Fault images	Operation	Possible cause	Remedy	Comment
The box is triggered on one side. And cannot be closed on both sides.	System drawers: fitting the drawer on the runner system.	Synchronisation bar is twisted, the activators are not parallel to each other.	Try a new synchronisation bar.	
The drawer is open.	Drawer being placed on the runners for the first time and pushed closed.	The drawer is not fully engaged.	Correctly engage drawer.	
The PTO units cannot be mounted on the runners.	Installation.	"The PTO set selected does not go with the runner's load class."	Select correct PTO Silent unit.	
The drawer can only be closed with a good push or a lot of force.	Closing the drawer.	Incorrect PTO load class / runner selected for chosen drawer size / weight.	Select correct PTO Silent unit.	
Drawer will not open.	Use with waste bins.	"A very tall front panel (waste bin systems) has been fitted Cause: pressing point is above the triggering zone."	Increase front panel reveal.	
"The box does not lock into place when pushed closed Retriggering guard does not work."	Closing the drawer.	The synchronisation bar is a little too long and not cut to length as specified.	Shortening synchronisation bar.	
The drawer comes out of the cabinet body again after every further attempt to close it.	Closing / opening the drawer.	"The synchronisation bar's adapters have not been clipped in parallel to each other. Front panel reveal is not set in synchrony."	Check.	