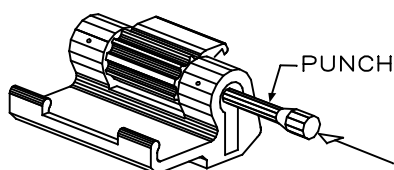
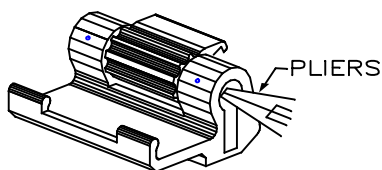


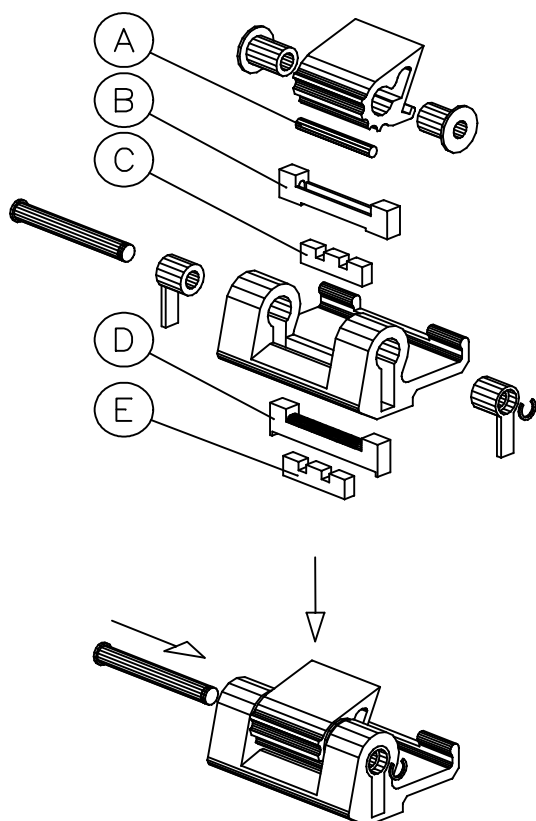
HINGE REPLACEMENT ROLLSTOP (SIZES 10,20)
(Pt 10mm HOLE ON HINGE UPPER)



1. With hatch closed use a 5mm diameter punch to knock through the hinge pin.
Note: A heavy soft headed mallet is best used to hit the punch.



2. Repeat with second hinge, and remove hatch upper. Clean the hinges removing all the old components.



3. Note how the components are assembled, and that parts A,B,&C are replaced by two parts D&E.
Assemble the buffer to the follower and put into the lower hinge.
Push the two headed bushes into the upper hinge and the two endcaps into the ends of the lower hinge.
Discard parts A,B&C
NOTE USE:
Green Buffer — size 10&20 hatch
NOTE: Downward pressure is needed on the follower when pushing endcaps in place

4. With the hatch upper in the open position, match the upper and lower hinges together.
Pushing down on the top of the hatch push the steel hinge pin through the hinge. Repeat with the second hinge.

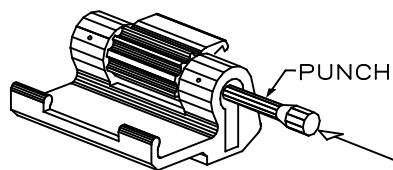
5. Push the small circlip onto the end of the steel pin, ensuring it is properly located onto the groove on the pin. Two small screwdrivers are best for this.
Repeat for the second pin.
Check the operation of the hatch.

HATCH SIZE	OVERALL DIMENSIONS
10	324 x 324mm
20	266 x 411mm

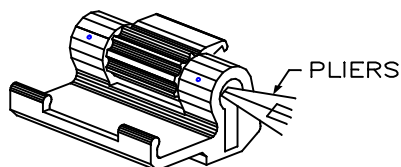
NOTE (1) If hatch cannot be opened fully assemble in closed position
(2) To aid alignment when pushing hinge pin in use a punch or screwdriver first

[PLEASE TURN OVER]

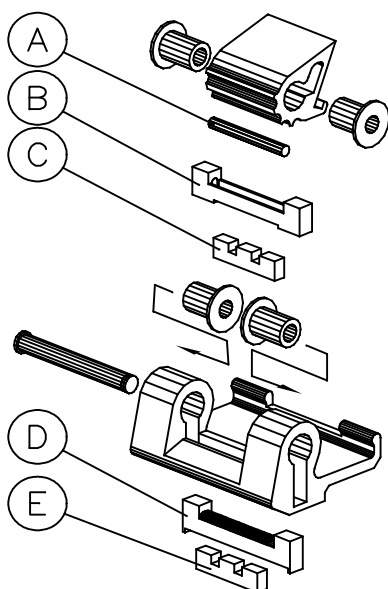
ALTERNATIVE HINGE REPLACEMENT FOR USE WITH MK1 ASSEMBLY
Pt 8mm HOLE ON HINGE UPPER)



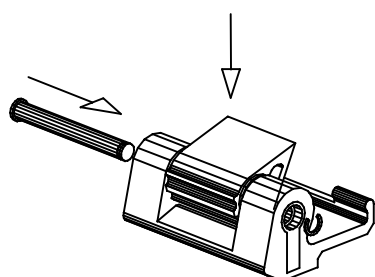
1. With hatch closed use a 5mm diameter punch to knock through the hinge pin.
Note: A heavy soft headed mallet is best used to hit the punch.



2. Repeat with second hinge, and remove hatch upper. Clean the hinges removing all the old components.



3. Note how the components are assembled, and that parts A,B,&C are replaced by two parts D&E. Assemble the buffer to the follower and put into the lower hinge. Push two headed bushes into the upper hinge and two headed bushes into the lower hinge as shown.
Discard parts A,B&C
NOTE USE:
Green Buffer — size 10&20 hatch
NOTE: Downward pressure is needed on the follower when pushing endcaps in place

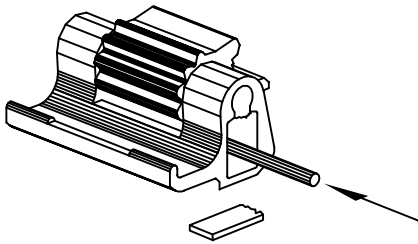


4. With the hatch upper in the open position, match the upper and lower hinges together. Pushing down on the top of the hatch push the steel hinge pin through the hinge. Repeat with the second hinge.
5. Push the small circlip onto the end of the steel pin, ensuring it is properly located onto the groove on the pin. Two small screwdrivers are best for this. Repeat for the second pin.
Check the operation of the hatch.

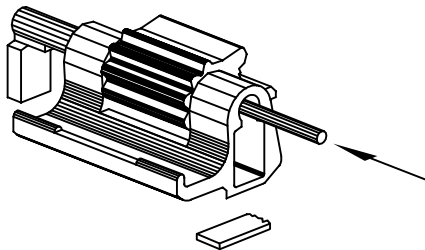
NOTE (1) If hatch cannot be opened fully assemble in closed position
(2) To aid alignment when pushing hinge pin in use a punch or screwdriver first

[PLEASE TURN OVER]

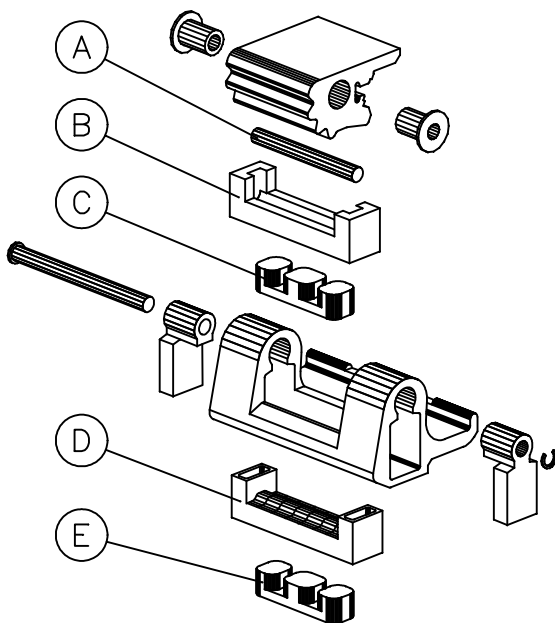
Rollstop Hinge replacement (Size 50,60,65,70)
 (Instructions for 7822 & 7823 hinge kits)



1. Open hatch fully to 180°
Use a suitable drift and mallet to break off plastic tab.



2. Drive out hinge pin with drift and mallet. Repeat with other hinges, and remove hatch upper. Clean the hinges removing all the old components.



3. Note how the components are assembled, and that parts A,B,&C are replaced by two parts D&E. Assemble the buffer to the follower and put into the lower hinge. Push the two headed bushes into the upper hinge and the two sleeves into the ends of the lower hinge.

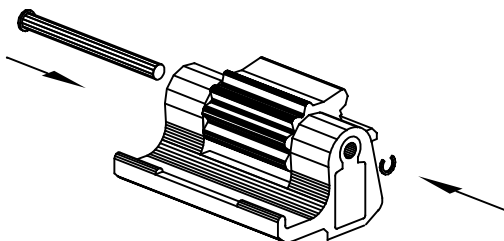
Discard parts A,B&C

NOTE USE:

Buffer painted green on bottom surface only with this kit

Vaseline should be applied to the follower and the cams on the upper hinge.

4. With the hatch upper in the fully open position, match the upper and lower hinges together. Insert the steel hinge pin through the hinge. Repeat with the other hinges.



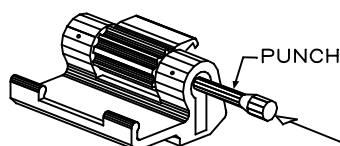
5. Push the small circlip onto the end of the steel hinge pin, ensuring it is properly located onto the groove of the pin. Two small screwdrivers are best for this. Repeat for the other hinges. Check the operation of the hatch.

Routine Maintenance

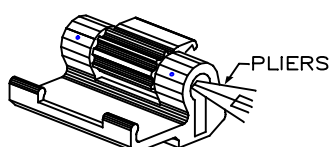
If excessive stiffness is experienced in opening or closing the hatch, the hinge must be cleaned and lubricated, otherwise damage to the hatch can occur. This maintenance will result in continued good performance from your hatch.

HINGE REPLACEMENT ROLLSTOP (SIZES 30 & 40)

(For cat. No. 7847)

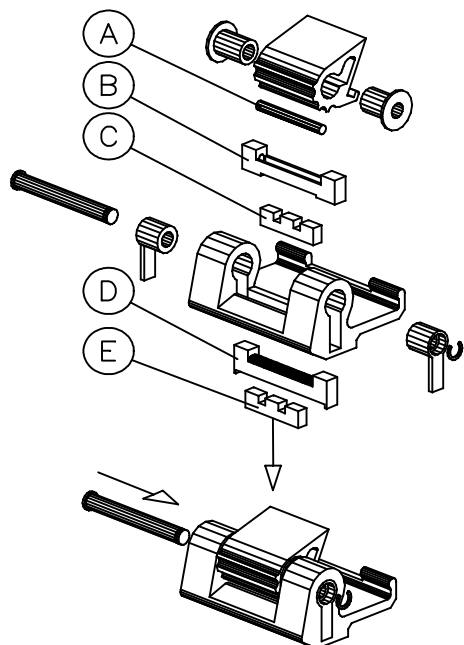


With the hatch closed use a 5mm diameter punch to knock through the hinge pin.
Note: A heavy soft headed mallet is best used to hit the punch.



Repeat with the second hinge, and remove the hatch upper. Clean the hinges removing all the old components.

Note how the components are assembled, and that parts A,B&C are replaced by two parts D&E.



Apply grease liberally to the rubber buffer (E), the cam follower (D) and the splines of the upper hinge.

WARNING:— Failure to grease these components could result in premature failure of the hatch.

Grease the lower hinges.

Assemble the buffer to the follower and put into the lower hinge. Push the two headed bushes into the upper hinge and the two sleeves into the ends of the lower hinge.

Discard parts A,B&C.

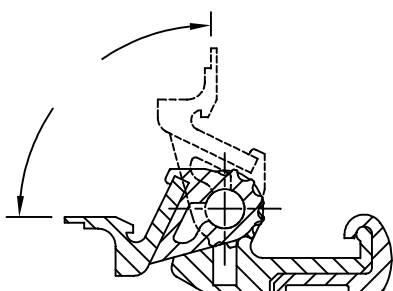
With the hatch upper in the open position, match the upper and lower hinges together.

Push the steel hinge pin through the hinge. Repeat with the second hinge.

Push the small circlip onto the end of the steel pin, ensuring it is located onto the groove of the pin. Two small screwdrivers are best for this. Repeat with the second hinge.

Cycle the hatch a minimum of three times between the 180° and 90° positions before fully closing the hatch.

If excessive force is required to initially operate the hatch to the 90° position, remove the hatch upper and check the assembly. Apply more grease before re-assembly.

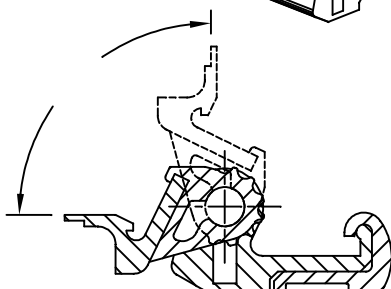
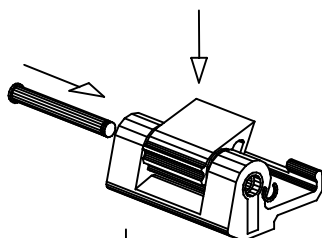
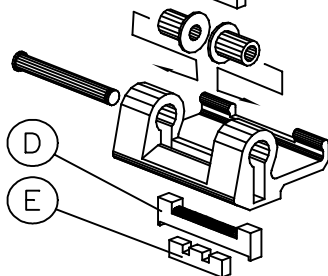
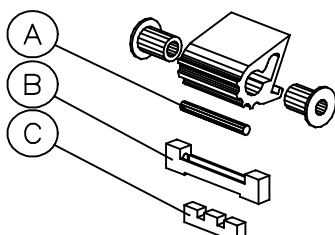
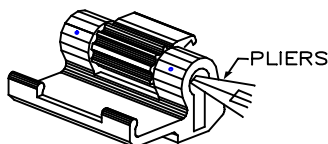
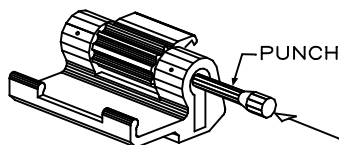


HATCH SIZE	OVERALL DIMENSION
30	391 x 521
40	485 x 485

PLEASE TURN OVER

(SIZES 30 & 40 WITH 78mm HOLE ON HINGE UPPER)

(For cat. No. 7847)



With the hatch closed use a 5mm diameter punch to knock through the hinge pin.

Note: A heavy soft headed mallet is best used to hit the punch.

Repeat with the second hinge, and remove the hatch upper. Clean the hinges removing all the old components.

Note how the components are assembled, and that parts A,B&C are replaced by two parts D&E.

Apply grease liberally to the rubber buffer (E), the cam follower (D) and the splines of the upper hinge.

WARNING:— Failure to grease these components could result in premature failure of the hatch.

Grease the lower hinges.

Assemble the buffer to the follower and put into the lower hinge. Push the two headed bushes into the upper hinge and two headed bushes into the lower hinge as shown

Discard parts A,B&C.

NOTE: Downward pressure is needed on the follower when pushing endcaps in place

With the hatch upper in the open position, match the upper and lower hinges together.

Push the steel hinge pin through the hinge.

Repeat with the second hinge.

Push the small circlip onto the end of the steel pin, ensuring it is located onto the groove of the pin. Two small screwdrivers are best for this. Repeat with the second hinge.

Cycle the hatch a minimum of three times between the 180° and 90° positions before fully closing the hatch.

If excessive force is required to initially operate the hatch to the 90° position, remove the hatch upper and check the assembly. Apply more grease before re-assembly.

NOTE!

(1) If hatch cannot be opened fully, assemble in closed position.

(2) To aid alignment when pushing hinge pin in, use a punch or screwdriver first.

HATCH SIZE	OVERALL DIMENSION
30	391 x 521
40	485 x 485

PLEASE TURN OVER