

National Association of Lift Makers

NALM

33/34 Devonshire Street London W1N 1RF
Director D M Fazakerley

telephone: 071-935 3013
fax: 071-935 3321

To: All Members
cc: The Quality and Technical Committee (1767)

21st January 1994

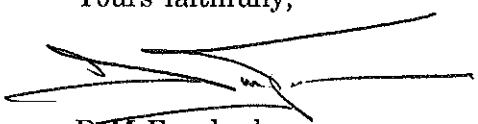
Dear Sir,

**Express 'C' Machine Brake Lever Pivot Pins
A & P Stevens Landing Door Lock**

I have received from the Express Lift Co Ltd two safety information notices which are enclosed.

Would members please be guided accordingly.

Yours faithfully,



D M Fazakerley
Director

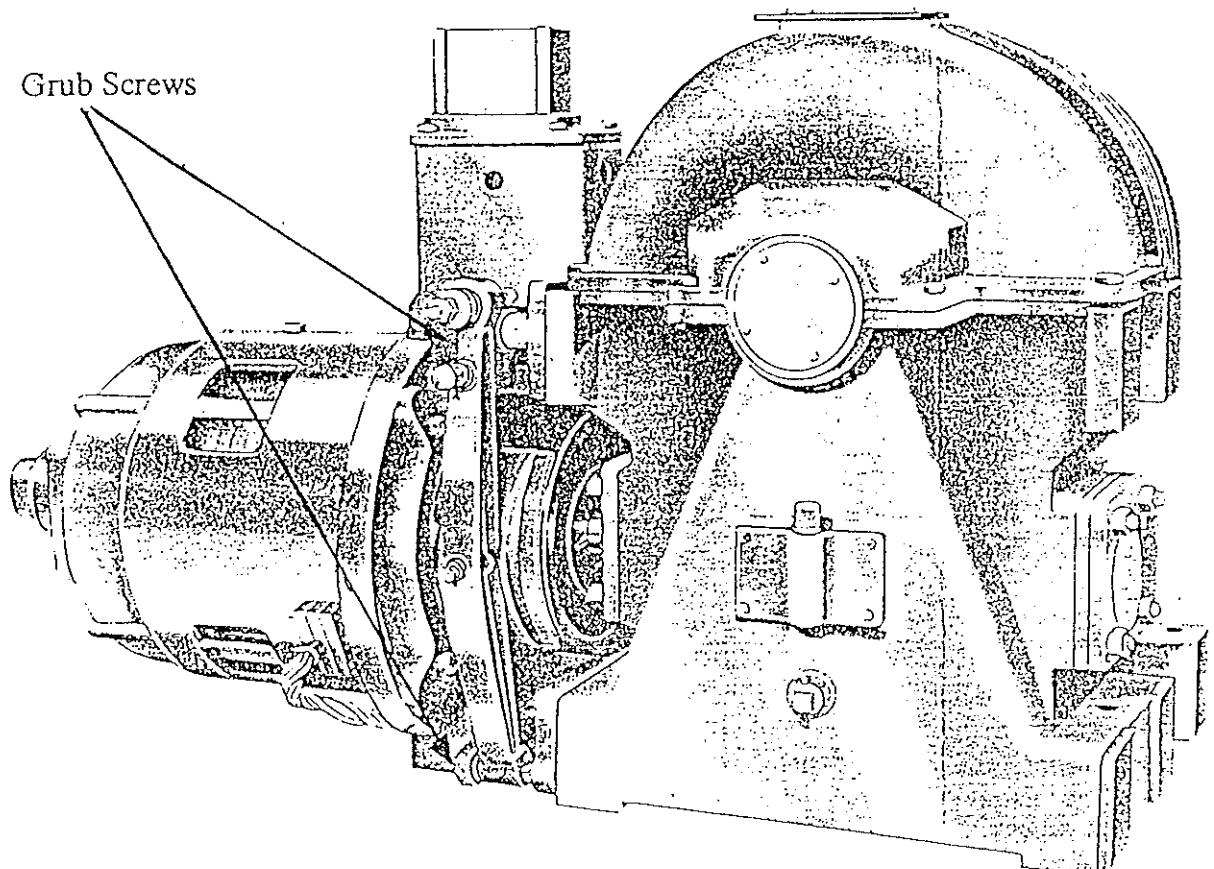
RE: EXPRESS 'C' MACHINE BRAKE LEVER PIVOT PINS

A brake failure has recently occurred resulting in the lift descending down the shaft and buffering. The cause of the failure was the brake lever pivot pin fixing screw not being sufficiently tightened to lock the pivot pin in position.

Further investigation has shown that the grub screw locating hole had not been fully drilled and tapped resulting in the screw not holding the pin.

To prevent a recurrence of the incident every C machine pivot pin grub screw fixing must be checked as shown below and modified as necessary as soon as is practically possible.

1. Check that the grub screws are tight and attempt to turn the pivot pins by inserting a 3/16" rod in a hole at the end of the pin.
2. If the pin does not turn release the grub screw to check that the pin is not binding and then re-tighten the grub screw so that the pin will not turn.
3. If the pin can be turned when the grub screw is tight then remove the grub screw and drill the hole fully through the casting and re-tap 1/4" BSF thread. Re-tighten the grub screw and check the pin does not turn.
4. If check (2) indicates that the pin is binding then it must be freed and cleaned to ensure that it will turn and then checks (1), (2) and (3) should be repeated as necessary.
5. Check each brake arm and brake lever pivot pin.





**THE EXPRESS LIFT
COMPANY LIMITED**

Abbey Works, Weedon Road,
Northampton NN5 5BT

Telephone: 0604 751221/8
Telephone: 0604 756530/9
Fax: 0604 756231
Telex: 311314 Exlift G

Ref: RW/me/834

18th January 1994

Mr D Fazakerley
NALM
33/34 Devonshire Street
London
W1N 1RF

Dear David

Re: Safety Information

I attach for your reference copies of two safety circulars that we have recently issued following safety related incidents on installations.

The incidents relate to our type 'C' geared machine and the A & P Stevens landing door lock and we suggest that other lift Companies should be aware of these potential problems.

Yours sincerely

Mr R White
Quality Manager

NALM

A member of the National Association of Lift Makers

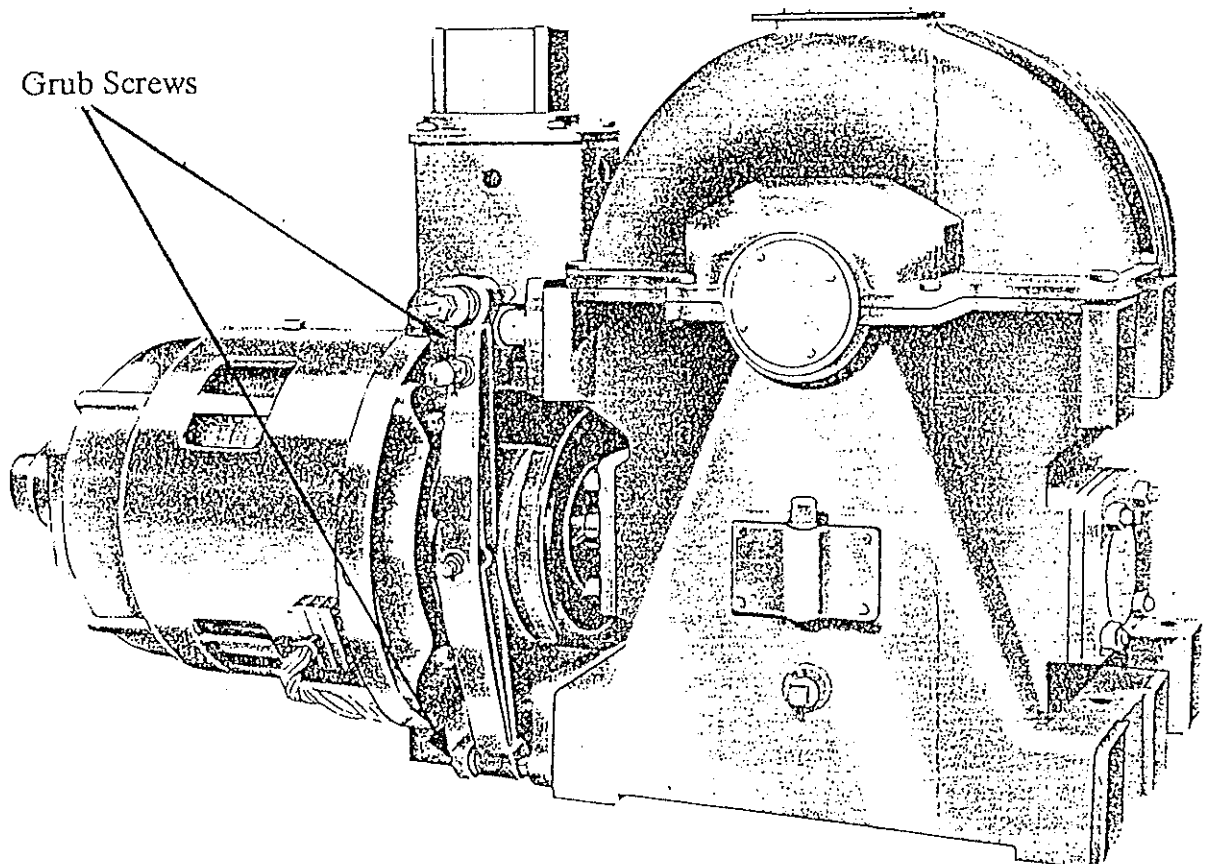
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RE: A & P STEVENS LANDING DOOR LOCK

HISTORY

An incident occurred recently where the lock bracket fractured but allowed the beak to drop into the lock box thus completing the safety circuit. The lift moved away from the floor and stopped when the beak dis-lodged (approximately 1½ floors away).

A replacement lock bracket was manufactured from mild steel and fitted with no other adjustment and the lift returned to service.

ACTION

EVERY LOCK BRACKET MUST BE CHECKED TO ENSURE THERE ARE NO FRACTURES OR HAIR LINE CRACKS AND REMEDIAL ACTION TAKEN AS NECESSARY

