

National Association of Lift Makers

NALM

Leicester House 8 Leicester Street London WC2H 7BN
Director D M Fazakerley

telephone: 071-437 0678
telex: 263536
fax: 071-287 8543

To: All Members
cc: The Technical Committee (1276)

9 October 1990

Dear Sir,

Renold Gears / Holroyd HL Lift Gear Units

The following is a typed extract of advice issued by the above which, it is stated, was notified to NALM in November 1981. This may well have been the case but the Association no longer has records dating back to this time:

I confirm below the procedure to be followed when bolts on the early version of the Holroyd HL range of lift gear units are found to have loosened.

This is a result of slight elongation taking place in the bolt holes in the bronze rim, and in the interests of safety it is necessary, as soon as possible, to make an inspection of the bolts in order to identify any loose ones and enable remedial action to be taken.

Experience to date suggests that in most cases it is practicable to recover the situation with the use of new bolts 0.002" oversize lightly tapped into position in situ. The possibility of having to use bolts slightly larger than this cannot be entirely ruled out.

Once the bolts are in position the nuts should be tightened, using torque values specified below for EN16T material. Split pins should be used for securing the nut.

Extreme care must be exercised at all times to ensure that any debris resulting from this operation does not enter the gearbox.

With a full depth castellated nut the following torques can be used:-

Bolt Diameter	Tightening Torque (lbs ft)
1/4"	11
3/8"	39
1/2"	75
5/8"	125
3/4"	185
7/8"	430
1	805

It is understood gear units are still being found with loosened bolts, please therefore be guided accordingly.

Yours faithfully,


D M Fazakerley
Director

Per Ron Johnson. Has sent us any words they asked these branches to advise Renolds who did the necessary so no problems now changing the client. However, this was possible before Renolds were taken over?

CITY OF SALFORD



CITY OF SALFORD

TURNPIKE HOUSE

CITY HOUSING DEPARTMENT
CITY BUILDING SERVICES DEPARTMENT
COMPETITIVE SERVICES DEPARTMENT

FAX: (061) 745 7307

FAX MESSAGE/DOCUMENT

FROM: S. TABOR (SENIOR LIFT SURVEYOR) MY REF: S/ST-T
 DEPARTMENT: HOUSING DEPT TEL: (EXT) 061 737 0551 X 1208
 TO: N.A.L.M YOUR REF: _____
LEICESTER HOUSE
LONDON
 ATTENTION OF: DAVID FAZAKERLEY (DIRECTOR N.A.L.M.)

NUMBER OF PAGES (INCLUDING THIS PAGE): 3

SUPPLEMENTAL MESSAGE (IF ANY):

DAVID

As per our telephone conversation please send up any existing recommendations ISSUED by N.A.L.M

Thanking you
S. Tabor

DATE: 9/10/90

RENOLD

GEARS

Holroyd Gear Works
 Milnrow
 Rochdale, OL16 3LS
 Telephone: Rochdale 47491 (STD 0706)
 Telex: 63170 Renold G
 Telefax: (0706) 42513

City of Salford Housing Department
 Turnpike House
 631 Eccles New Road
 M5 2SW

Our Ref: CB/RB

Est. No:

Your Ref:

Date: 9 October 1990

Attention: Mr Steve Tabor

P A X M E S S A G E

As requested during our telephone conversation, I confirm below the procedure to be followed when bolts on the early version of the Holroyd HL range of lift gear units are found to have loosened.

This is a result of slight elongation taking place in the bolt holes in the bronze rim, and in the interests of safety it is necessary, as soon as possible, to make an inspection of the bolts in order to identify any loose ones and enable remedial action to be taken.

Experience to date suggests that in most cases it is practicable to recover the situation with the use of new bolts 0.002" oversize lightly tapped into position in situ. The possibility of having to use bolts slightly larger than this cannot be entirely ruled out.

Once the bolts are in position the nuts should be tightened, using torque values specified below for EN15T material. Split pins should be used for securing the nut.

Extreme care must be exercised at all times to ensure that any debris resulting from this operation does not enter the gearbox.

With a full depth castellated nut the following torques can be used:-

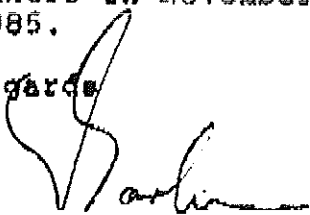
<u>Bolt Diameter</u>	<u>Tightening Torque (lbs ft)</u>
1/4"	11
3/8"	39
1/2"	75
5/8"	125
3/4"	185
7/8"	430
1	805

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This procedure is as notified to the National Association of Lift Makers in November 1981 and the British Lift Associations in July 1985.

Regards



C Barber
BUSINESS DEVELOPMENT MANAGER

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