

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 (1837)

26 July 1994

Dear Sir,

Kone Lifts Ltd, ADX 1 Centre Opening Car Doors

I enclose a Safety Note which I trust will be found sufficiently self-explanatory.

Will members please be guided accordingly.

Yours faithfully,



D M Fazakerley
Director

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KONE LIFTS LTD	Subject			CODE: SN 03.15.11	
	<u>ADX1 Centre Opening Car Doors.</u>			Page 1 of 14	
			SAFETY CATEGORY A		
DEPT. TECH.SUPP	DATE 19.7.94	COMPILED BY A J Shiner	CHECKED ASJ	APPROVED ASJ	ISSUE A

Introduction

Deliveries of this operator prior to the beginning of 1993 were not fitted with anti tip rollers.

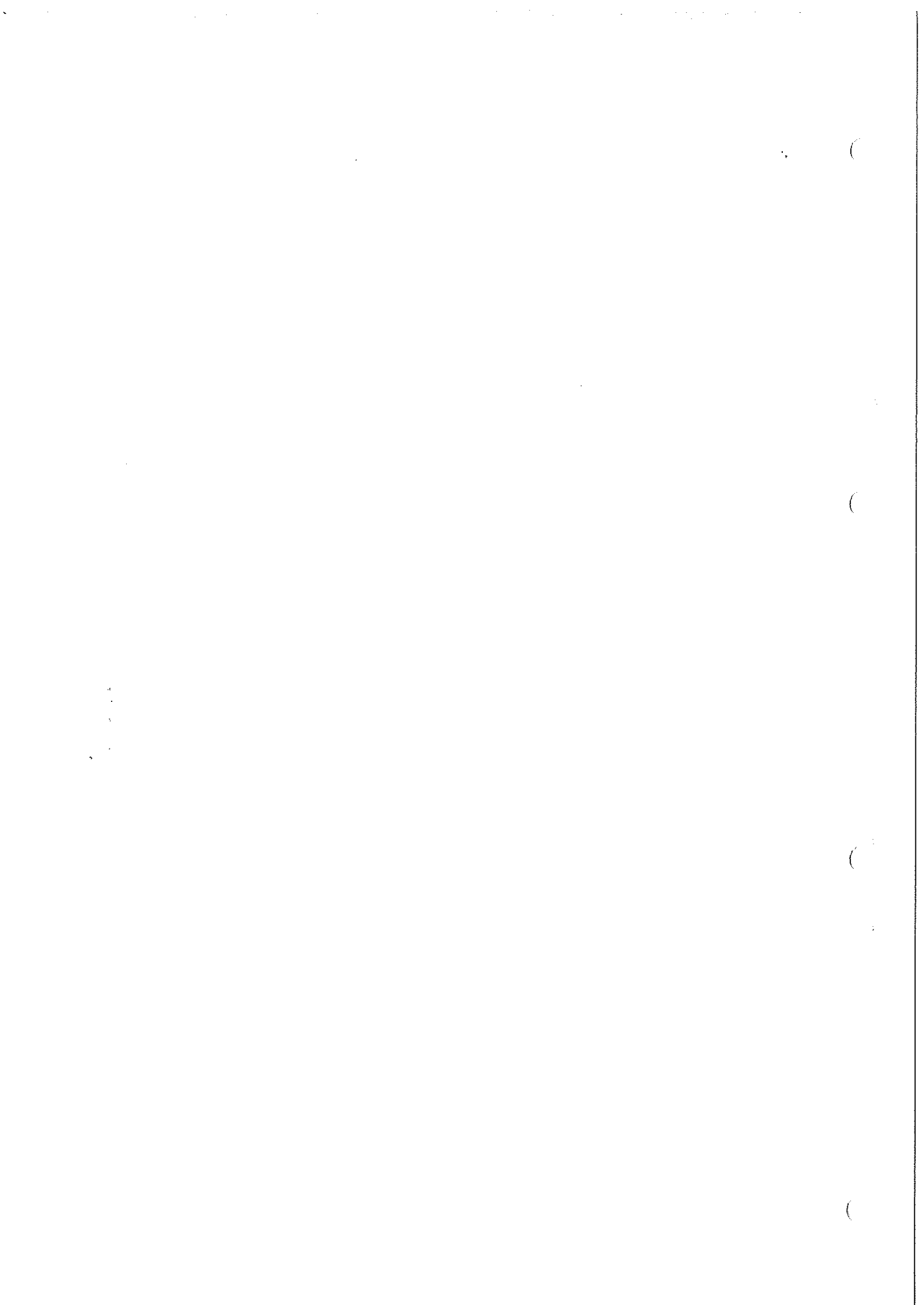
In some cases, excessive gaps have developed due to the doors tilting on the tracks.

The attached list gives known lift numbers on which this operator has been installed prior to the beginning of 1993.

Action

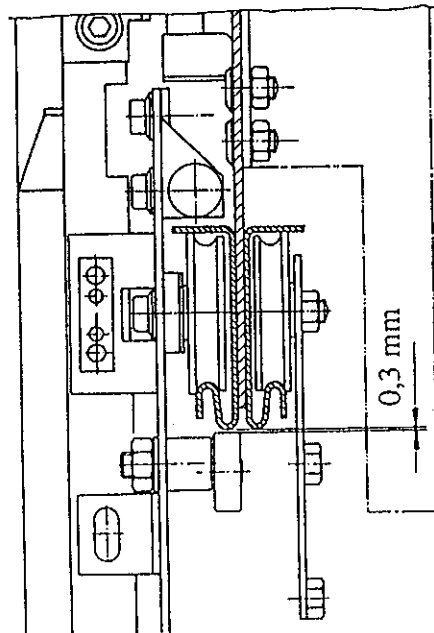
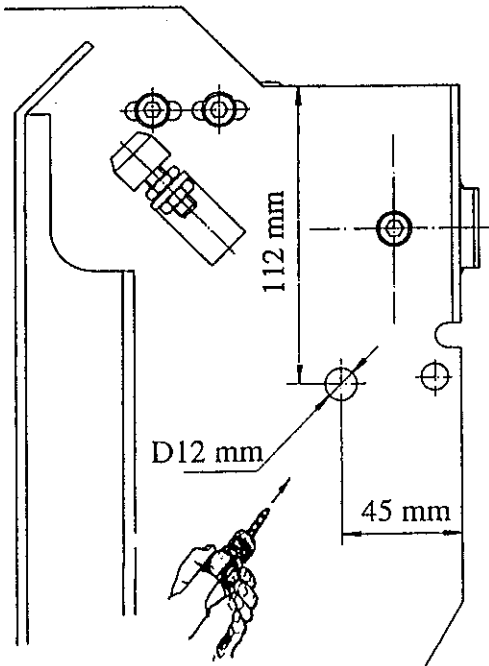
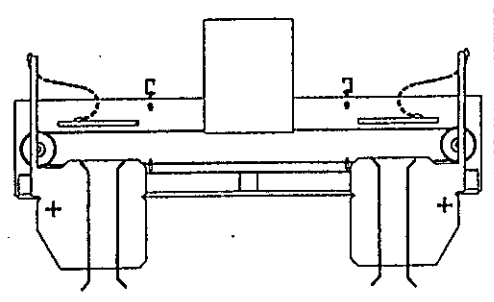
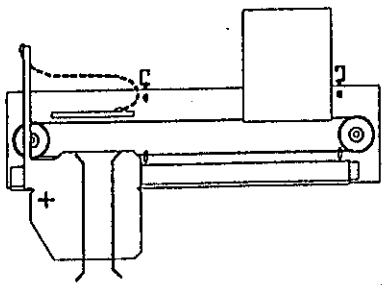
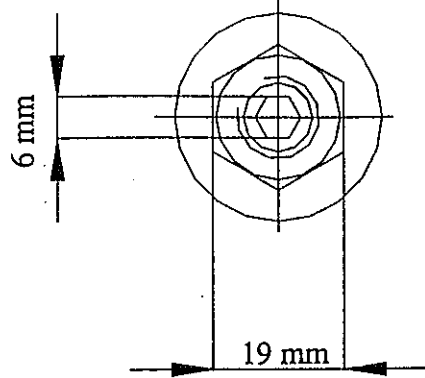
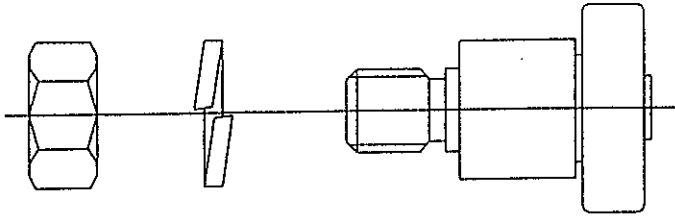
Examine the car doors at the next service visit. If an excessive gap due to door tilt is detected, fit the modification kit of 2 rollers (one to each door) in accordance with the attached instructions FL 3.12.2.

The modification kit can be obtained from the Central Stores at Hounslow.



89 133 G01

SN 03.15.11
Safety Category A
Page 3 of 14
Issue A.



Compiled by: KSC / J. Auer
Changed by:
Checked by: KSC / H. Schadenhofer
Approved by: KSC / K. Lackinger

Date: 20.5.1994
© KONE Corporation
Product code: ADX1
Drawing no: 87215

Issue: -
No of Pages: 2
Language: en
SW: FM4.0 Mac

ADX CAR DOOR PANEL TILT

SN 03.15.11
Page 2 of 14
Safety Category A
Issue A.

1 PRODUCT AFFECTED

ADX - Car Door Operator

2 DESCRIPTION OF PROBLEM

Excessive car door tilt occurs in ADX1 (central opening), by bending upper flange of guide rail.

4 METHOD

Drill a hole D12 mm in the hanger plate and cut out the door panel, if necessary (see instruction).

Install and adjust the anti tip roller. Gap between the rail and the roller is 0.2 ...0.3 mm.

VERTC	DELIVERY	IN HUS	CM-WORK	WITH
VERTC	VERTC	HUS.NR	TÜR	AUFZUG
HOU	HOU	6100021	ADX1	989194
HOU	HOU	6100022	ADX1	989197
HOU	HOU	6100023	ADX1	989195
HOU	HOU	6100024	ADX1	989196
HOU	HOU	6100025	ADX1	989198
HOU	HOU	6100762	ADX2	990280
HOU	HOU	6110012	ADX1	990499
HOU	HOU	6110124	ADX1	990399
HOU	HOU	6110125	ADX1	990396
HOU	HOU	6110126	ADX1	990397
HOU	HOU	6110240	ADX2	990299
HOU	HOU	6110346	ADX2	991033
HOU	HOU	6110366	ADX2	990300
HOU	HOU	6110367	ADX2	990298
HOU	HOU	6110461	ADX2	991092
HOU	HOU	6110462	ADX1	991093
HOU	HOU	6110606	ADX1	578223
HOU	HOU	6110883	ADX1	990370
HOU	HOU	6110884	ADX1	990371
HOU	HOU	6110885	ADX1	990386
HOU	HOU	6110886	ADX1	990387
HOU	HOU	6110981	ADX1	991112
HOU	HOU	6111021	ADX1	990388
HOU	HOU	6111022	ADX1	990389
HOU	HOU	6111097	ADX1	991211
HOU	HOU	6111130	ADX1	990390
HOU	HOU	6111131	ADX1	990391
HOU	HOU	6120062	ADX1	990392
HOU	HOU	6120063	ADX1	990393
HOU	HOU	6120083	ADX1	990377
HOU	HOU	6120137	ADX1	990376
HOU	HOU	6120159	ADX1	990378
HOU	HOU	6120160	ADX1	990379
HOU	HOU	6120210	ADX1	990384
HOU	HOU	6120211	ADX1	990385
HOU	HOU	6120271	ADX1	990382
HOU	HOU	6120272	ADX1	990383
HOU	HOU	6120327	ADX1	990380
HOU	HOU	6120328	ADX1	990381

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LIFTS DELIVERY IN HUS CM-WORK WITH ADX2

VERTC	DELIVERY	HUS.NR	TÜR	AUFZUG
HOU	HOU	6120331	ADX1	991045
HOU	HOU	6120332	ADX1	991050
HOU	HOU	6120333	ADX1	171876
HOU	HOU	6120658	ADX2	992105
HOU	HOU	6120756	ADX1	992082
HOU	HOU	6120863	ADX1	992021
HOU	HOU	6120865	ADX1	990452
HOU	HOU	6120885	ADX2	992154
HOU	HOU	6120886	ADX1	992155
HOU	HOU	6120895	ADX1	992128
HOU	HOU	6120956	ADX2	991067
HOU	HOU	6120957	ADX2	991068
LON	LON	6100550	ADX2	990205
LON	LON	6100551	ADX1	990206
LON	LON	6100552	ADX1	990207
LON	LON	6100553	ADX1	990208
LON	LON	6100609	ADX2	990296
LON	LON	6100713	ADX1	990260
LON	LON	6100714	ADX1	990261
LON	LON	6100767	ADX1	990228
LON	LON	6100768	ADX1	990229
LON	LON	6100769	ADX1	990230
LON	LON	6100770	ADX1	796229-99023
LON	LON	6100795	ADX2	990413
LON	LON	6100822	ADX1	990416
LON	LON	6100831	ADX1	990414
LON	LON	6100867	ADX2	990409
LON	LON	6100868	ADX1	990415
LON	LON	6100869	ADX1	990417
LON	LON	6100873	ADX1	990418
LON	LON	6100884	ADX1	990164
LON	LON	6100891	ADX1	990335
LON	LON	6100894	ADX1	990364
LON	LON	6100895	ADX1	990365
LON	LON	6100926	ADX2	990435
LON	LON	6100985	ADX1	990434
LON	LON	6101015	ADX1	990358
LON	LON	6101016	ADX1	990359
LON	LON	6101017	ADX1	990360

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LIFTS DELIVERY IN HUS CM-WORK WITH ADX2
VERTC VERTC HUS.NR FÜR AUFZUG

LON	VERTC	HUS.NR	ADX1	990361
LON		6101018	ADX1	990361
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LON		6101037	ADX1	990467
LON		6101041	ADX2	990297
LON		6110052	ADX1	990465
LON		6110061	ADX2	990466
LON		6110113	ADX1	990407
LON		6110114	ADX1	990408
LON		6110143	ADX1	990354
LON		6110144	ADX1	990355
LON		6110167	ADX1	990494
LON		6110177	ADX1	990196
LON		6110189	ADX2	990504
LON		6110190	ADX2	990505
LON		6110204	ADX2	991011
LON		6110220	ADX1	990493
LON		6110242	ADX1	991025
LON		6110312	ADX1	991018
LON		6110416	ADX1	991080
LON		6110440	ADX2	991134
LON		6110450	ADX1	991081
LON		6110451	ADX1	991082
LON		6110452	ADX1	991083
LON		6110481	ADX2	991116
LON		6110539	ADX1	991009
LON		6110559	ADX1	991096
LON		6110601	ADX2	991109
LON		6110641	ADX2	991130
LON		6110682	ADX1	991084
LON		6110709	ADX1	991143
LON		6110730	ADX2	991228
LON		6110750	ADX2	991120
LON		6110785	ADX2	991202
LON		6110791	ADX1	991190
LON		6110923	ADX2	991207
LON		6110955	ADX2	991135
LON		6110966	ADX1	991221
LON		6110979	ADX1	991229
LON		6110990	ADX1	990513

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LIFTS	DELIVERY	IN	HUS	CM-WORK	WITH
VERTC	VERTC	HUS.NR	TÜR	AUFZUG	ADXX2
LON	LON	6110992	ADXX1	991161	
LON	LON	6110995	ADXX1	991160	
LON	LON	6111023	ADXX1	991222	
LON	LON	6111041	ADXX1	991245	
LON	LON	6111047	ADXX2	991185	
LON	LON	6111051	ADXX2	991234	
LON	LON	6111062	ADXX1	991162	
LON	LON	6111063	ADXX1	991163	
LON	LON	6111084	ADXX2	991177	
LON	LON	6111087	ADXX1	991215	
LON	LON	6111096	ADXX1	991241	
LON	LON	6120040	ADXX1	992016	
LON	LON	6120206	ADXX2	991216	
LON	LON	6120213	ADXX1	991146	
LON	LON	6120268	ADXX2	992044	
LON	LON	6120269	ADXX2	992045	
LON	LON	6120307	ADXX2	992035	
LON	LON	6120359	ADXX1	992010	
LON	LON	6120429	ADXX2	992014	
LON	LON	6120434	ADXX1	992038	
LON	LON	6120471	ADXX1	992011	
LON	LON	6120507	ADXX1	992098	
LON	LON	6120508	ADXX1	991230	
LON	LON	6120541	ADXX2	992097	
LON	LON	6120575	ADXX2	992087	
LON	LON	6120629	ADXX2	992116	
LON	LON	6120630	ADXX2	992117	
LON	LON	6120631	ADXX2	992118	
LON	LON	6120711	ADXX1	992080	
LON	LON	6120712	ADXX1	992031	
LON	LON	6120748	ADXX1	992089	
LON	LON	6120749	ADXX2	992032	
LON	LON	6120806	ADXX1	992054	
LON	LON	6120807	ADXX2	992036	
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LON	LON	6120832	ADXX1	992049	
LON	LON	6120833	ADXX1	992048	
LON	LON	6120842	ADXX2	992142	
LON	LON	6120859	ADXX1	992143	

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LIFTS DELIVERY IN HUS		CM-WORK WITH	ADX2 D
VERTC	VERTC	HUS.NR	TÜR AUFZUG
LON	LON	6120916	ADX2 991090
LON	LON	6120918	ADX2 992132
LON	LON	6120980	ADX2 992077
LON	LON	6121012	ADX1 992084
NOE	NOE	6100563	ADX2 990289
NOE	NOE	6100699	ADX1 990255
NOE	NOE	6100708	ADX1 990320
NOE	NOE	6100709	ADX1 990321
NOE	NOE	6100716	ADX1 990253
NOE	NOE	6100746	ADX1 990259
NOE	NOE	6100787	ADX2 578215
NOE	NOE	6100799	ADX2 990221
NOE	NOE	6100823	ADX1 990395
NOE	NOE	6100853	ADX1 990172
NOE	NOE	6100872	ADX1 990220
NOE	NOE	6100921	ADX1 990219
NOE	NOE	6100978	ADX1 990163
NOE	NOE	6101048	ADX1 990479
NOE	NOE	6110033	ADX2 990438
NOE	NOE	6110056	ADX2 990481
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NOE	NOE	6110099	ADX1 990456
NOE	NOE	6110123	ADX1 990325
NOE	NOE	6110205	ADX1 990491
NOE	NOE	6110234	ADX1 990433
NOE	NOE	6110291	ADX2 991111
NOE	NOE	6110295	ADX1 990501
NOE	NOE	6110305	ADX1 991029
NOE	NOE	6110306	ADX1 991030
NOE	NOE	6110360	ADX2 990480
NOE	NOE	6110362	ADX2 991003
NOE	NOE	6110363	ADX2 991004
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NOE	NOE	6110412	ADX1 991087
NOE	NOE	6110413	ADX1 991088
NOE	NOE	6110414	ADX1 991089
NOE	NOE	6110431	ADX2 991086
NOR	NOR	6110432	ADX1 991113

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LIFTS VERTC	DELIVERY VERTC	IN HUS HUS.NR	CM-WORK TÜR	WITH AUFZUG
NOE	NOE	NOE	NOE	NOE
NOE	NOE	6110480	ADXX2	991133
NOE	NOE	6110502	ADXX2	991128
NOE	NOE	6110503	ADXX2	991106
NOE	NOE	6110504	ADXX1	990318
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NOE	NOE	6110642	ADXX2	991197
NOE	NOE	6110706	ADXX1	991209
NOE	NOE	6110767	ADXX1	991001
NOE	NOE	6110856	ADXX1	991031
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NOE	NOE	6110902	ADXX1	991212
NOE	NOE	6110906	ADXX1	991169
NOE	NOE	6110960	ADXX1	991085
NOE	NOE	6110982	ADXX2	991115
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NOE	NOE	6111046	ADXX2	991199
NOE	NOE	6111109	ADXX2	991226
NOE	NOE	6120019	ADXX1	991151
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NOE	NOE	6120082	ADXX1	991240
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NOE	NOE	6120103	ADXX1	991152
NOE	NOE	6120121	ADXX2	991273
NOE	NOE	6120142	ADXX2	992026
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NOE	NOE	6120203	ADXX1	992002
NOE	NOE	6120253	ADXX1	992033
NOE	NOE	6120335	ADXX1	991227
NOE	NOE	6120340	ADXX2	992027
NOE	NOE	6120433	ADXX1	991252
NOE	NOE	6120449	ADXX1	991253
NOE	NOE	6120457	ADXX1	992093
NOE	NOE	6120468	ADXX1	992018
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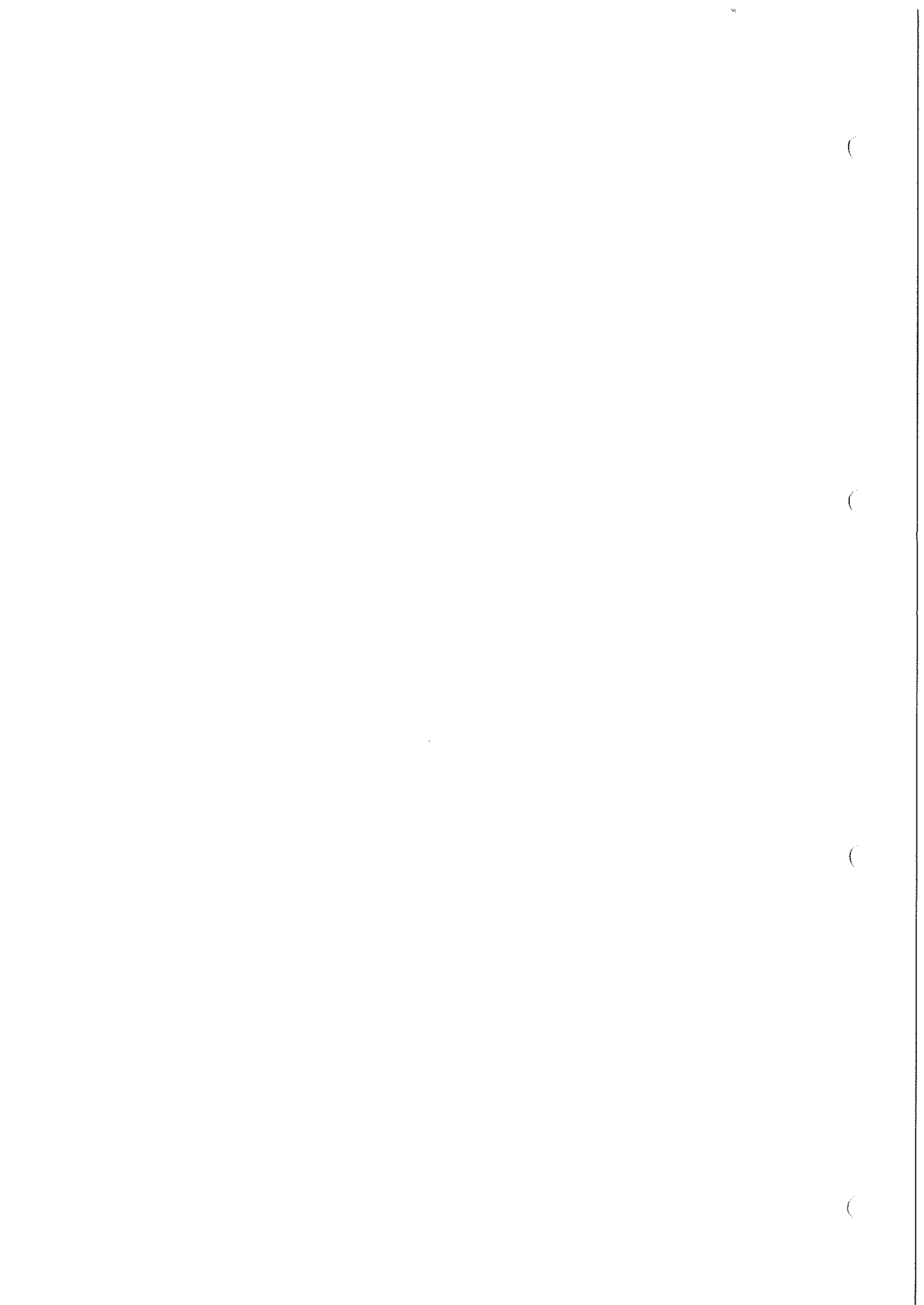
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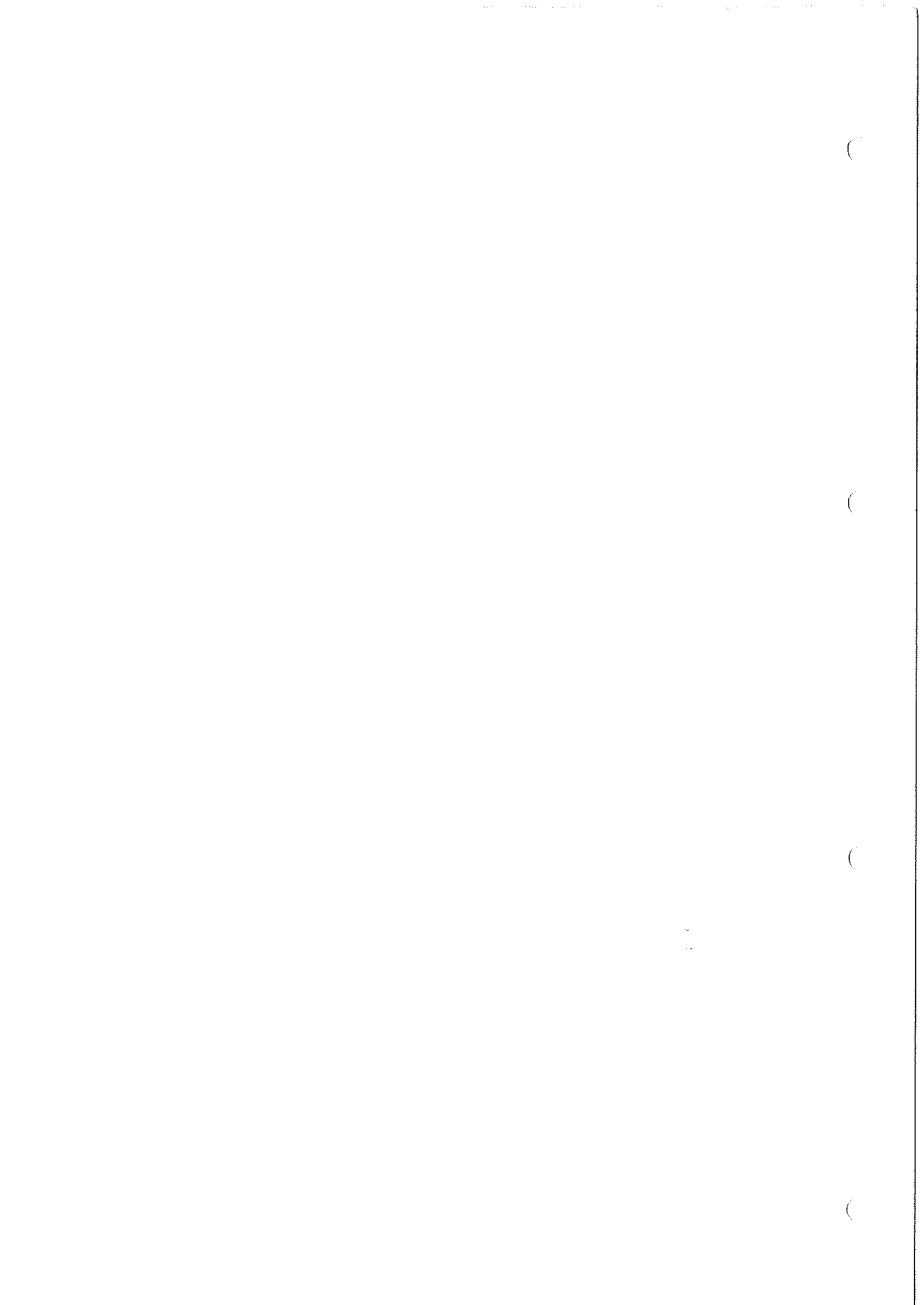
LIFTS DELIVERY IN HUS CM-WORK WITH ADX2
 VERTIC VERTIC HUS.NR TÜR AUFZUG

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NOE	NOE	6120917	ADX1	992122
NOE	NOE	6120919	ADX1	992177
NOE	NOE	6120949	ADX2	992160
NOE	NOE	6120978	ADX1	992187
NOE	NOE	6121049	ADX1	992150
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NOR	NOR	6110150	ADX2	991039
NOR	NOR	6110180	ADX1	990496
NOR	NOR	6110185	ADX1	990497
NOR	NOR	6110195	ADX1	991006
NOR	NOR	6110942	ADX2	990517
NOR	NOR	6110954	ADX1	990518
NOR	NOR	6111015	ADX1	990519
NOR	NOR	6111016	ADX1	990520
NOR	NOR	6111082	ADX2	991208
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NOR	NOR	6121051	ADX2	992168
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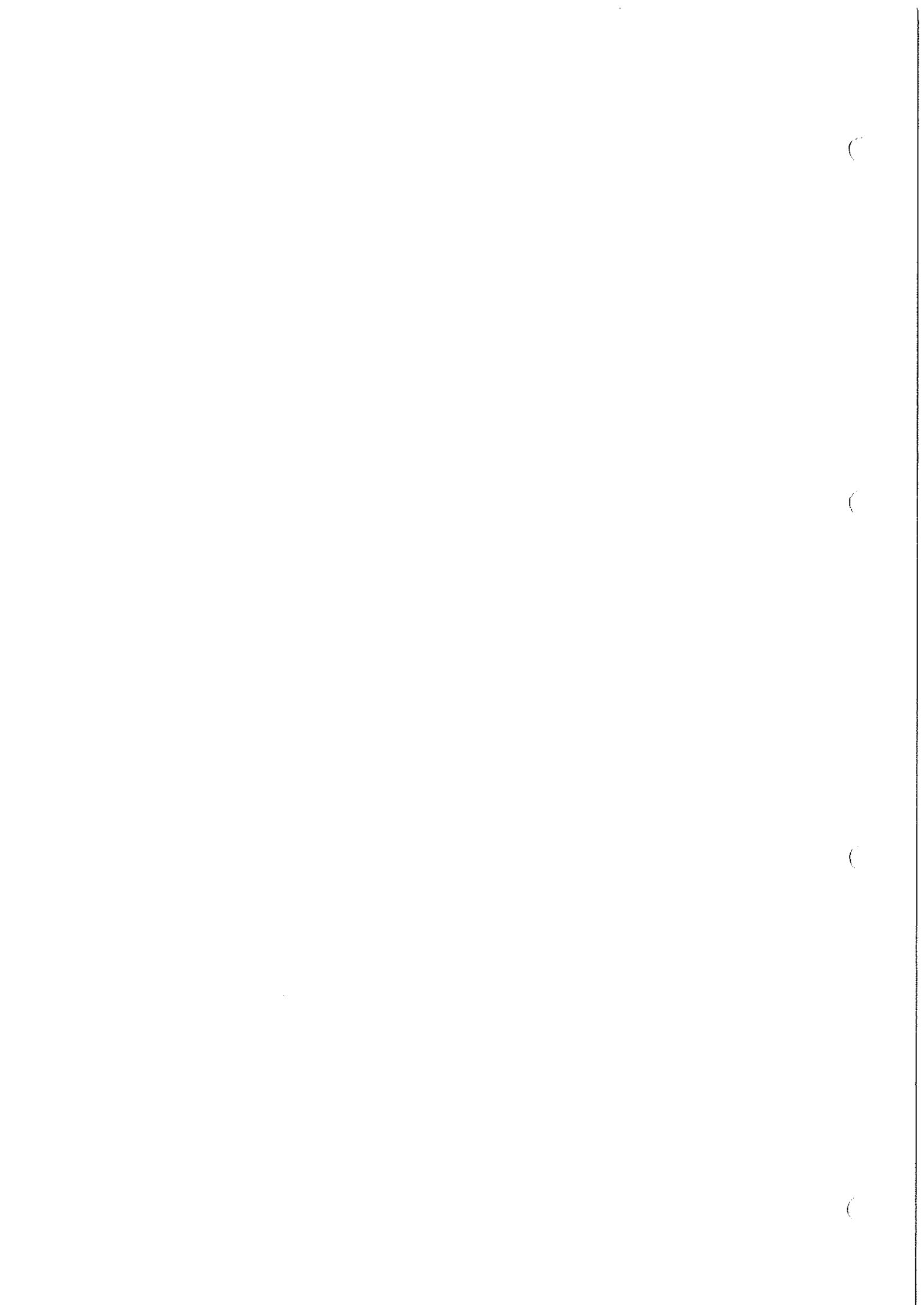


LIFTS DELIVERY IN HUS CM-WORK WITH ADX2
 VERTC VERTC HUS.NR TÜR AUFZUG

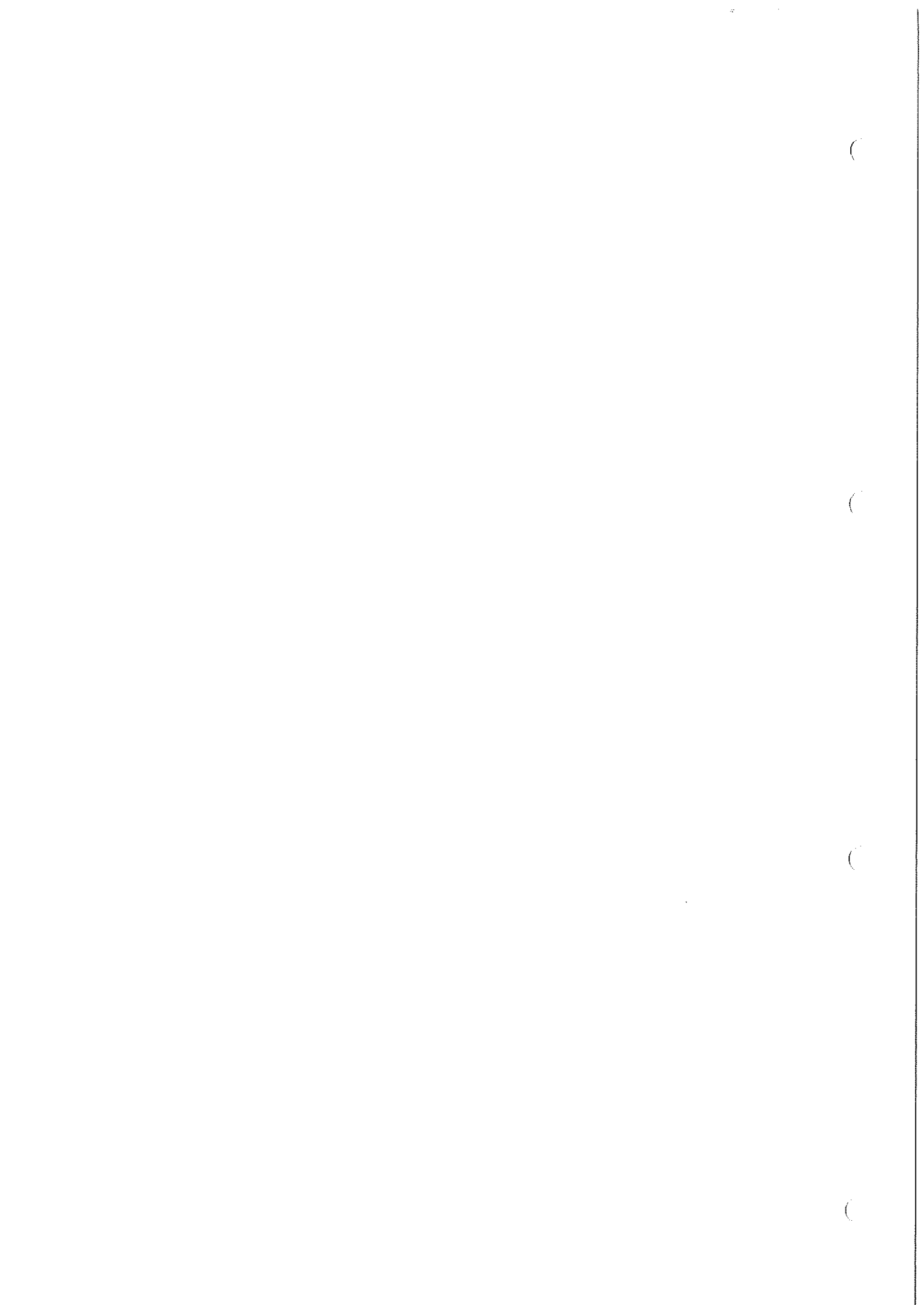
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SCO	SCO	6100994	ADX2	989588
SCO	SCO	6100995	ADX2	989589
SCO	SCO	6101047	ADX1	990457
SCO	SCO	6110009	ADX2	990294
SCO	SCO	6110175	ADX1	989638
SCO	SCO	6110216	ADX1	991099
SCO	SCO	6110256	ADX2	991079
SCO	SCO	6110433	ADX2	990234
SCO	SCO	6110434	ADX2	991024
SCO	SCO	6110456	ADX1	990484
SCO	SCO	6110457	ADX1	990485
SCO	SCO	6110535	ADX2	991076
SCO	SCO	6110710	ADX1	991217
SCO	SCO	6110830	ADX2	991119
SCO	SCO	6110831	ADX1	991121
SCO	SCO	6110832	ADX1	991122
SCO	SCO	6110834	ADX2	991118
SCO	SCO	6111065	ADX1	991256
SCO	SCO	6111068	ADX2	991232
SCO	SCO	6111069	ADX2	991231
SCO	SCO	6120032	ADX2	991290
SCO	SCO	6120212	ADX2	991289
SCO	SCO	6120357	ADX2	990235
SCO	SCO	6120365	ADX1	991205
SCO	SCO	6120366	ADX1	991206
SCO	SCO	6120403	ADX2	992028
SCO	SCO	6120613	ADX1	991286
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SCO	SCO	6120633	ADX2	991261
SCO	SCO	6120660	ADX1	992037
SCO	SCO	6120778	ADX2	992055
SCO	SCO	6120786	ADX1	9921231
SCO	SCO	6120864	ADX1	9921241
SCO	SCO	6121024	ADX2	992065
SCO	SCO	6121026	ADX1	992126
SOU	SOU	6100438	ADX1	990226
SOU	SOU	6100603	ADX2	990256



LIFTS DELIVERY IN HUS		CM-WORK WITH
VERTC	HUS.NR	TÜR AUFZUG
SOU	6100678	ADXX1 990301
SOU	6100711	ADXX2 990279
SOU	6100800	ADXX2 990338
SOU	6100802	ADXX1 990272
SOU	6100922	ADXX1 990419
SOU	6100932	ADXX1 990339
SOU	6100949	ADXX1 990340
SOU	6100976	ADXX1 990448
SOU	6100977	ADXX1 990449
SOU	6100979	ADXX2 990256
SOU	6100984	ADXX1 990266
SOU	6100987	ADXX1 990430
SOU	6100988	ADXX2 990461
SOU	6101044	ADXX1 990331
SOU	6110011	ADXX2 990489
SOU	6110024	ADXX1 990357
SOU	6110026	ADXX1 990356
SOU	6110027	ADXX1 990362
SOU	6110032	ADXX2 990482
SOU	6110037	ADXX1 990432
SOU	6110053	ADXX1 990429
SOU	6110068	ADXX1 990488
SOU	6110081	ADXX1 990446
SOU	6110082	ADXX2 990447
SOU	6110135	ADXX1 990463
SOU	6110136	ADXX1 990464
SOU	6110169	ADXX2 990495
SOU	6110170	ADXX1 991021
SOU	6110188	ADXX1 990507
SOU	6110192	ADXX1 990510
SOU	6110193	ADXX2 991041
SOU	6110246	ADXX2 991010
SOU	6110262	ADXX1 991091
SOU	6110277	ADXX1 990332
SOU	6110311	ADXX2 991097
SOU	6110341	ADXX1 990410
SOU	6110342	ADXX1 990411
SOU	6110345	ADXX1 991110
SOU	6110463	ADXX2 991094



VERTC	DELIVERY	IN HUS	CM-WORK WITH
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VERTC	HUS.NR	TÜR	AUFZUG
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SOU	6110476	ADXX2	991016
SOU	6110477	ADXX2	991017
SOU	6110479	ADXX1	991034
SOU	6110505	ADXX1	991168
SOU	6110534	ADXX2	991040
SOU	6110564	ADXX2	991117
SOU	6110566	ADXX1	990500
SOU	6110584	ADXX2	991196
SOU	6110586	ADXX1	991077
SOU	6110640	ADXX2	990483
SOU	6110649	ADXX2	991164
SOU	6110727	ADXX2	991149
SOU	6110731	ADXX1	991019
SOU	6110732	ADXX1	991020
SOU	6110769	ADXX2	991107
SOU	6110835	ADXX1	991193
SOU	6110896	ADXX2	991201
SOU	6110904	ADXX1	991132
SOU	6111004	ADXX1	990516
SOU	6111055	ADXX1	991198
SOU	6111115	ADXX1	991103
SOU	6111144	ADXX2	991236
SOU	6111146	ADXX1	991166
SOU	6120020	ADXX2	991284
SOU	6120026	ADXX1	991213
SOU	6120027	ADXX1	991214
SOU	6120089	ADXX1	991220
SOU	6120110	ADXX1	990498
SOU	6120122	ADXX1	991145
SOU	6120127	ADXX1	989610
SOU	6120254	ADXX2	991283
SOU	6120304	ADXX1	992046
SOU	6120342	ADXX1	992013
SOU	6120395	ADXX1	992050
SOU	6120396	ADXX1	992059
SOU	6120397	ADXX1	992060
SOU	6120398	ADXX1	992061
SOU	6120399	ADXX1	992062
SOU	6120400	ADXX1	992063



LIFTS DELIVERY IN HUS		CM-WORK WITH			
VERTC	VERTC	HUS.NR	TÜR	AUFZUG	ADXX2
SOU	SOU	6120401	ADXX1	992064	
SOU	SOU	6120404	ADXX2	991136	
SOU	SOU	6120425	ADXX2	991233	
SOU	SOU	6120546	ADXX2	992058	
SOU	SOU	6120547	ADXX2	992096	
SOU	SOU	6120550	ADXX1	992104	
SOU	SOU	6120595	ADXX1	992083	
SOU	SOU	6120665	ADXX1	992081	
SOU	SOU	6120692	ADXX1	992101	
SOU	SOU	6120693	ADXX1	992051	
SOU	SOU	6120890	ADXX1	992123	
SOU	SOU	6120975	ADXX1	992047	
SOU	SOU	6120979	ADXX2	992125	
SOU	SOU	6121013	ADXX1	992152	
SOU	SOU	6121014	ADXX2	992124	
SOU	SOU	6121050	ADXX1	992139	

