

Technical information

EvoBus

TI No.: 32.30U09032B

Distribution list: D

Distribution date: 29.05.2020

Valid until: 31.12.2040

The point of contact is the EvoBus after-sales service in each country

Model: TC 400
 MODEL SERIES: 629534; 629557
TITLE: Kneeling function New Jersey USA - retrofitting a drive-off lock and updating software

Replaces: 32.30U09032A

Reason:
 Parts list expanded

COMPLAINT

In the US state of New Jersey, the kneeling function does not meet local requirements.

CAUSE

The function implemented in production does not meet legal requirements.

REMEDY

Retrofit the drive-off lock for the kneeling function in vehicles without mobility lift and update the software in all vehicles.

MEASURE TYPE

The scope of the work is carried out as part of a compliance recall (RC).

INFORMATION

For vehicles equipped with a mobility lift, only the software update is required.



The replacement parts below are distinguished by the following letters in the Comment column.

a/b = replacement parts for all model designations without mobility lift

a = additional replacement parts for C629.534 (EPA 04, EPA 07) without mobility lift

b = additional replacement parts for C629.557 (EPA 10) without mobility lift

REPLACEMENT PARTS REQUIRED

Quantity	Designation	Number	Comment
1	2-way directional control valve	A 000 420 59 71 05	a/b
1	Screw M8x70 (25 Nm)	N 910105 008042	a/b
2	Screw M8x100 (25 Nm)	N 910105 008049	a/b
1	Screw M10x20 (70 Nm)	N 910105 010006	a/b
	Loctite 243 sealant	A 613 989 09 71	a/b - Quantity as required
	Plastic line 3/8"	A 000 987 61 27 05	a/b - Quantity as required
1	Pressure limiting valve	A 001 431 63 06 05	a
1	3/2 solenoid valve	A 005 997 11 36 05	a
2	Screw M6x12 (8 Nm)	A 003 990 88 12 05	a
2	Sealing ring 6x10-CU	N 007603 006106	a
1	Screw-in fitting P5 M16x1.5 (20 Nm)	A 007 997 68 72 05	a
3	Elbow 90° P5 M16x1.5 (20 Nm)	A 003 990 72 71 05	a
3	Union piece 3/8" - 3/8" - 18 NPTF (32 Nm)	A 004 990 34 68 05	a
6	Union piece 3/8" - M16x1.5 (20 Nm)	A 004 990 37 68 05	a
1	Screw-in fitting P5 1/4" - 18 NPTF (24 Nm)	A 008 997 58 72 05	a
1	Screw-in fitting P5 3/8" - 18 NPTF (32 Nm)	A 008 997 59 72 05	a
1	3/2 solenoid valve	A 000 997 52 12 05	b
1	Pressure limiting valve	A 005 429 03 44 05	b
2	Union bolt M16x1.5 (14 Nm)	A 000 997 47 34 05	b
2	Union bolt M22x1.5 (14 Nm)	A 000 997 48 34 05	b
3	Screw-in fitting NG8 3/8" NPTF (14 Nm)	A 003 997 84 71 05	b
2	Contact bush	A 013 545 75 26 05	b
2	Flat-pin connector	A 035 545 22 28 05	b
5	Quick connector NG8 3/8"	A 006 997 66 89 05	b
3	Right-angle connector NG12 3/8"	A 006 997 72 89 05	b
6	Right-angle connector NG8 3/8"	A 006 997 75 89 05	b

Quantity	Designation	Number	Comment
OPERATION TEXTS			
Operation no.	Operation text	Working time/h	Comment
02-5780	Retrofit automatic bus stop brake	3.0	applies to vehicles without mobility lift, including FPS download
02-5336	Perform an FPS download	0.9	applies to vehicles with mobility lift

The times apply for work at an hourly rate.

DEFECT NUMBER

Defect no.:	Designation
3295061	

CODEWORD

1310032M07

INTRODUCTION OF MODIFICATIONS INTO SERIES PRODUCTION

01.03.2014

WARRANTY AND GOODWILL SETTLEMENTS

Field measure type Recall: 100 % of costs will be accepted

BUS/MCC	BUS/MCC-O
pp.	pp.
Johannes Lehmann	Markus Fischer

Attachments

Retrofitting a drive-off lock in vehicles without mobility lift

Procedure

1. [Retrofitting a drive-off lock - C629.534 \(EPA 04, EPA 07\)](#)
2. [Retrofitting a drive-off lock - C629.557 \(EPA 10\)](#)

Finishing tasks

1. [Ordering software for field solution and programming the multiplexer control unit](#)
2. [FPS download procedure](#)
3. [Updating vehicle documentation in the "VeDoc" system and updating bus-specific electrical data](#)

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