



Zinni & Güell

Indústria de Auto Peças Ltda.



HEAVY LINE

ONLY ELECTRIC WINDOW LIFTERS WITH ENGINE



[YouTube channel - pioneer with tips and product installations](#)

● GM	1
● VOLKSWAGEN	2
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ELECTRIC - W/ENGINE - reverse engine

Window lifter -
4 doors - front -
Mabuchi (8 teeth)

R-3332E
O&M: 52255123
R-3332D
O&M: 52255124



A-20 1991 até 1996
Bonanza 1991 até 1994
C-20 1991 até 1996
D-20 1991 até 1996
Veraneio 1991 até 1994

**ELECTRIC - W/ENGINE**

Window lifter -
4 doors - rear -
Mabuchi (8 teeth)

R-3333E
O&M: 52255127
R-3333D
O&M: 52255128



A-20 1991 até 1996
Bonanza 1991 até 1994
C-20 1991 até 1996
D-20 1991 até 1996
Veraneio 1991 até 1994



ELECTRIC - W/ENGINE

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-4195E 12V
O&M: TF3837501EL
R-4195E 24V
O&M: TF3837501EL
R-4195D 12V
O&M: TF3837502EL
R-4195D 24V
O&M: TF3837502EL



Worker / Titan / Tractor 1980 em diante

ELECTRIC - W/ENGINE - reverse engine

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-4196E 24V
O&M: 2R2837399
R-4196D 24V
O&M: 2R2837400



Constellation 2005 em diante

ELECTRIC - W/ENGINE

Window lifter -
Mabuchi (8 teeth)



R-4403E 12V
O&M: 23B837399A
R-4403D 12V
O&M: 23B837400A



Delivery 4.150 2017 em diante
Delivery 6.160 2017 em diante
Delivery Express 2017 em diante

ELECTRIC - W/ENGINE

Window lifter -
Mabuchi (8 teeth)



R-4403E 24V
O&M: 23B837399
R-4403D 24V
O&M: 23B837400



Delivery 11.180 2017 em diante
Delivery 13.180 2017 em diante
Delivery 9.170 2017 em diante

ELECTRIC - W/ENGINE - reverse engine

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-5222E
O&M: 89TU81234W01B
R-5222D
O&M: 89TU81234W00B

F-1000 1979 até 1991
F-4000 1985 até 1991
F-600 1972 até 1979



ELECTRIC - W/ENGINE - reverse engine

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-5229E
O&M: 2SA837501A
R-5229D
O&M: 2SA837502A

F-1000 1992 até 1998 Sapão Model
F-12000 1992 até 1998 Sapão Model
F-14000 1992 até 1998 Sapão Model
F-4000 1992 até 1998 Sapão Model



ELECTRIC - W/ENGINE

Window lifter -
2 doors/4 doors - front
- Mabuchi (8 teeth)



R-5235E 12V
O&M: XC3Z2523201BA
R-5235D 12V
O&M: XC3Z2523200BA

F-12000 1999 até 2006 Pit Bull
F-14000 1999 até 2016 Pit Bull
F-16000 1999 até 2016 Pit Bull
F-250 1998 até 2012
F-350 1999 até 2010
F-4000 1998 até 2012



ELECTRIC - W/ENGINE - reverse engine

Window lifter -
4 doors - rear -
Mabuchi (8 teeth)



R-5248E 12V
O&M: 8C3Z2627001B
R-5248D 12V
O&M: 8C3Z2627000B

F-250 1998 até 2012
F-350 1999 até 2010
F-4000 1998 até 2012

ELECTRIC - W/ENGINE

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-5233E 12V
O&M: 81DBE23201AJ
R-5233E 24V
O&M: 81DBE23201AJ
R-5233D 12V
O&M: 81DBE23200AJ
R-5233D 24V
O&M: 81DBE23200AJ

Cargo 1981 até 2013

ELECTRIC - W/ENGINE

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-5249E
O&M: 3C46E23201BE
R-5249D
O&M: 3C46E23200BE

Cargo 2011 em diante



ELECTRIC - W/ENGINE

Window lifter -
2 doors - front -
Mabuchi (8 teeth)

R-7535E
O&M: 815015h100
R-7535D
O&M: 815025h100



HD80 2019 em diante

ELECTRIC - W/ENGINE

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-1445E 24V
O&M: 2997196LH
R-1445D 24V
O&M: 2997195RH

Cavallino 320 1998 em diante
Eurocargo 1998 em diante
Stralis 1998 em diante
Tector 1998 em diante

**ELECTRIC - W/ENGINE**

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-1446E 12V
O&M: 5949891165
R-1446D 12V
O&M: 5949891164

Vertis 2011 em diante



ELECTRIC - W/ENGINE - reverse engine

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-2312E 24V
O&M: 9797200346
R-2312D 24V
O&M: 9797200446

1938S 2006 em diante
Atego 2006 em diante
Axor 2006 em diante

**ELECTRIC - W/ENGINE - reverse engine**

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-2126E 12V
O&M: A3847207046
R-2126E 24V
O&M: A3847207046
R-2126D 12V
O&M: A3847207146
R-2126D 24V
O&M: A3847207146

HPN 709 / 1935 1991 até 2000

**ELECTRIC - W/ENGINE - reverse engine**

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-2128E 12V
O&M: 6967200246
R-2128E 24V
O&M: 6967200446
R-2128D 12V
O&M: 6967200146
R-2128D 24V
O&M: 6967200546

Atron 2001 em diante
HPN 709 / 1935 2001 em diante

**ELECTRIC - W/ENGINE**

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-2129E
O&M: 3317257302
R-2129D
O&M: 3317257202

1111 / 1113 / 1313 / 1513 / 2013 / 2213
até 1990

**ELECTRIC - W/ENGINE - reverse engine**

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-2311E 12V
O&M: 9797200146
R-2311D 12V
O&M: 9797200246

Acello 715 / 915 2002 até 2011

**ELECTRIC - W/ENGINE - reverse engine**

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-2311E 24V
O&M: 9797207046
R-2311D 24V
O&M: 9797207146

Acello 915 2002 até 2011

**ELECTRIC - W/ENGINE - reverse engine**

Window lifter -
2 doors -
Mabuchi (8 teeth)



R-2313E 12V
O&M: 9797200846
R-2313E 24V
O&M: 9797200846
R-2313D 12V
O&M: 9797200946
R-2313D 24V
O&M: 9797200946

Acello 1016 2012 em diante
Acello 815 2012 em diante



ELECTRIC - W/ENGINE

Window lifter -
2 doors -
original (10 teeth)



R-2608E 24V
O&M: 376673
R-2608D 24V
O&M: 376674

Série 3 R112 / R113 / T112 / T113 1981
até 1997

**ELECTRIC - W/ENGINE**

Window lifter -
2 doors -
Bosch (10 teeth)



R-2607E 24V
O&M: 1442295
R-2607D 24V
O&M: 1442294

Série 4 / 5 / 6 T-R-P-G 1998 em
diante



ELECTRIC - W/ENGINE

Window lifter -
2 doors -
Mabuchi (8 teeth)

R-2613E 24V
O&M: 8123551
R-2613D 24V
O&M: 8123550



NL10 / NL12 / EDC long cabin
1992 até 1999

ELECTRIC - W/ENGINE

Window lifter -
2 doors -
original (10 teeth)

R-2615E 24V
O&M: 3176545
R-2615D 24V
O&M: 3176546



FM / FH12 / FH13 1994 em diante

ELECTRIC - W/ENGINE

Window lifter -
2 doors -
Mabuchi (8 teeth)

R-2614E 24V
O&M: 20557552
R-2614D 24V
O&M: 20557554



VM 2004 em diante

ELECTRIC - W/ENGINE - reverse engine

Window lifter -
2 doors - front -
Mabuchi (8 teeth)

R-7705E
O&M: 6023011053002
R-7705D
O&M: 6023011052004



Agrale GIII 8700/1400 2012 em diante

ELECTRIC - W/ENGINE

Window lifter -
2 doors - front -
Mabuchi (8 teeth)

R-2703E

O&M: 6EA839461

R-2703D

O&M: 6EA839461



Daf CF85 2003 até 2021



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