GRS | BV
global road systems

# PRODUCT
# CATALOGUE

# CONTENTS

# 1

## Analogue tachographs and spare parts

# GRS offers both repaired and unrepaired analogue tachographs

Tacho bulb 24V/1,2W OSRAM

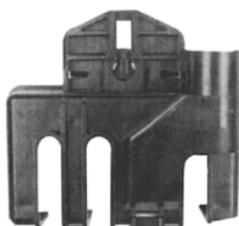**54833185**

1318 gear kit for main working plate

**54833318**

1318 sealing plate without opening / 1318-90021302

**54830525**

1318/1319 rear sealing cover for armoured cable
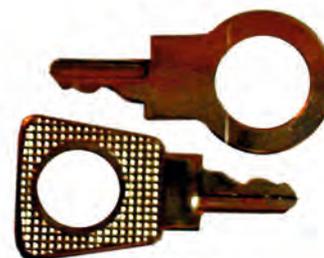
**54833312**

1318 internal lower sealing cover / 1318-0201012003

**54833304**

Standard tachograph key

**54832377**

1318 clock/Dr.II/New (1318-0106000012)

**54833392**

1318 clock/Dr.II/Used

**54833492R**

Big 1318 magnet clock 13,5mm

**54832039**

1318 km counter red /1318-0207000010

**54833209**

1318 flatcable 16x250

**54833125**
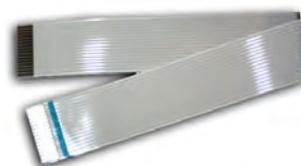
1318 flatcable 8x250

**54833126**
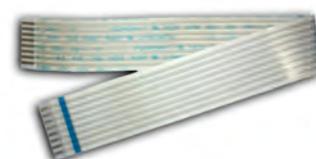
**1318 non return gear**

54833309

**1318 gear kit for main working plate (15T-36T)**

54833320

**1318 gear for main working plate (12T-40T1)**

54833319

**1318 Standard spare parts**

A2C59516734

**1318 Retour gear kit**

A2C59516732

**1318 Kit Carriage**

A2C59516733

**Tool for removing 1324**

54822768

**DTCO/MTCO installation frame**

1324-90010500

**1324 rear sealing cover**

54822725

**1324 front sealing cover**

54822733

**1324 screw for front sealing cover**

54822730

**1324 sealing cup**

1311-0111131001

## 1324 front neutral black buttons

**54823462**

## 1324 front neutral grey / blue buttons

**54823461**

## 1324 V carriage cpl. (180KM/H)

**54823406**

## 1324 MFS carriage cpl. (180KM/H)

**54823403**

## 1324 socket 5.0mm

**54823427**

## 1324 flatcable (2nd gen.) with components

**54823134**

## 1324 flatcable (1st gen.) with components

**54823133**

## 1324 coupling cpl. / 1324-3360100

**54823412**

## 1324 motor / 1324-3360300

**54823452**

## 1324 tray cpl. NFU (V+N) / A2C80800500

**54823230**

## 1324 repair kit carriage

**A2C59516736**

## 1324 repair kit tray

**A2C59516735**

1324 kit slide

**A2C59516737**

EGK100 key

**54770820**

# 2

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## SMART Tachograph GEN.2

DTCO 24/12V ADR-Z2 Universal Rel. 4.1 with CAN-R

**AAA2359680021**



DTCO 24/12V ADR-Z2 Universal Rel. 4.1 without CAN-R

**AAA2359690021**



DTCO 24V ADR-Z1 Universal Rel. 4.1 without CAN-R

**AAA2359700021**



DTCO 24V ADR-Z1 Universal Rel. 4.1 with CAN-R

**AAA2359710021**



Stoneridge SE5000 8.1 SMART2 Digital Tachograph 12V/24V without ADR

**900773R/35R02**



Stoneridge SE5000 8.1 SMART2 Digital Tachograph 24V with ADR

**900773R/36R01**



DTCO 4.1 Mobility Package Kit – Version 1, ADR Z2, with CAN-R

**291003214600**



DTCO 4.1 Mobility Package Kit – Version 2, ADR Z2, w/o CAN-R

**2910003214700**



DTCO 4.1 Mobility Package Kit – Version 3, ADR Z1, with CAN-R

**2910003214800**



SE5000 8.1 SMART2 Tachograph - 24V with ADR (1C) + DSRC module cable CAN C2 / 5M (SE) + DSRC module  (SE) 24V

**SE5000/8.1/KIT /ADR/24V**



SE5000 8.1 SMART2 Tachograph - 12/24V non ADR (1C) + DSRC module cable CAN C2 / 5M  (SE)+ DSRC module (SE) 12V

**SE5000/8.1/KIT /W/0/12V**



SE5000 8.1 SMART2 Tachograph - 12/24V non ADR (1C) + DSRC module cable CAN C2 / 5M  (SE)+ DSRC module (SE) 24V

**SE5000/8.1/KIT /W/0/24V**

SPEED SENSOR KITAS 4.0 V1.21 / 2185-2000010002/ 18 mm / DAILY MANUAL 1:1

**A3C1008670021**

SPEED SENSOR KITAS 4.0 V1.21 / 2185-2000011000/ 18 mm 4:1 IVECO DAILY

**A3C1008680021**

SPEED SENSOR KITAS 4.0 V 1.21 / 2185-2000020000 / 18,6 mm

**A3C1008690021**

SPEED SENSOR KITAS 4.0 V1.21 / 2185-2000030001 / 19,8 mm

**A3C1008700021**

SPEED SENSOR KITAS 4.0 V1.21 / 2185-2000040000 / 23,8 mm

**A3C1008710021**

SPEED SENSOR KITAS 4.0 V. 1.21 / 2185-2000050000 / 25 mm

**A3C1008720021**

SPEED SENSOR KITAS 4.0 V.1.21 / 2185-2000060000 / 33,8 mm

**A3C1008730021**

SPEED SENSOR KITAS 4.0 V1.21 / 2185.20 62 mm

**A3C1008750021**

SPEED SENSOR KITAS 4.0 V1.21 2185.2000080002 63,2 mm

**A3C1008760021**

SPEED SENSOR KITAS 4.0 V1.21 / 2185-2000090000 / 88,8 mm

**A3C1008770021**

SPEED SENSOR KITAS 4.0 V1.21 / 2185-2000100004 / 113,8 mm

**A3C1023720020**

SPEED SENSOR KITAS 4.0 V1.21 2185-20 33.8 mm TELMA

**A3C1008740021**

SPEED SENSOR KITAS 4.0 V1.21 2185-20 88.8 mm TELMA

**A3C1008780021**

SPEED SENSOR KITAS 4.0 V1.21 2185-20 113.8 mm TELMA

**A3C1008800021**

SPEED SENSOR KITAS 4.0 V1.21 CA CON 521_440 TRA (1:1)

**A3C1013850021**

SPEED SENSOR KITAS 4.0 V1.21 CA CON 524_410 TRA (4:1)

**A3C1013860021**

SPEED SENSOR KITAS 4.0 V1.21 CA MBN 581_222 (1:1)

**A3C1013930021**

SPEED SENSOR KITAS 4.0 V1.21 CA MBN 584_222 (4:1)

**A3C1013940021**

SPEED SENSOR KITAS 4.0 V1.21 CA MBN 541_091 VS20 1:1

**A3C1013870021**

SPEED SENSOR KITAS CA MBN 544_091 VS20 4:1

**A3C1013880021**

SPEED SENSOR KITAS 4.0 V1.21 CA MBN 551_125 VS30-A 1:1

**A3C1013920021**

SPEED SENSOR KITAS 4.0 V1.21CA MBN 551_124 VS30-S 1:1

**A3C1013910021**

SPEED SENSOR KITAS 4.0 V1.21 CA VWN 591_139 LF 1:1

**A3C1013950021**

M1N1 adapter DTCO 4.1

**2910002637400**

## M1N1 adapter Stoneridge KIT 1C

**900670/06R02**



## M1N1 adapter PL without sensor

**360564**



## DSRC Antenna Detached

**AAA2335640021**



## DSRC Antenna Detached (VOLVO)

**AAA2335680021**



## DSRC module (SE) 12V

**900620/13**



## DSRC module (SE) 24V

**900620/12**



## DSRC module (SE) V2 24V

**900620/40R07**



## DSRC Cable [3m]

**2910002313000**



## DSRC Cable [4m]

**2910002313100**



## DSRC Cable [6m]

**2910002313200**



## DSRC module cable CAN C2 / 5M (SE)

**6810034**



## DSRC Antenna cover

**AAA2371330021**

DSRC antenna cover (SE)

**360609**

GNSS Antenna

**2910002405900**

DTCO 4.1 Training Unit

**AAA2359670021**

SPEED SENSOR 4.0 V1.21 18,6 mm
TRAINING UNIT

**A3C1008950011**

SMART2 SE5000 12V/24V Training Unit

**A2C59514326**

# 3

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## Digital tachographs and accessories

DTCO 4.0 24V-ADR VKF R4.0 EC/GGVS Serie
(24Yfi2V ADR-22 with CAN-R)

**A3C0296220020**

DTCO 24V-ADR VKF R4.0 EC/GGVS Serie

**A3C0296320020**

DTCO 24V-ADR VKF R4.0 EC/GGVS Serie

**A3C0296300020**

DTCO 4.0 24V-ADR VKF R4.0 EC/GGVS Serie
(24V ADR-21/85 w/o CAN-R)

**A3C0296310020**

DTCO 4.0 24V-ADR VKF R4.0 EC/GGVS Serie
(24Y112V ADR-22 with CAN-R)

**A3C0269110020**

DTCO 3.0 24/12V 1381-7550303005

**A2C1648490020**

DTCO 3.0 24/12V 1381-7550303004

**A2C1648500020**

DTCO 3.0 24V-ADR R3.0 1381-4550302001

**A2C1648470020**

DTCO 3.0 24V 1381-4550302002

**A2C1648480020**

Training tachograph DTCO 1381 3.0

**A2C1807590020**

SE5000 Connekt 8.0 12/24V

**SE5052KRM**

SE5000 Connekt 8.0 12/24V with ADR

**SE5061KRM**

Tachograph kit SE5000 Connekt 8.0 +
DSRC cable + DSRC module 12V

**SE5052KRM/KIT12V**



Tachograph kit SE5000 Connekt 8.0 +
DSRC cable + DSRC module 24V

**SE5052KRM/KIT24V**



Tachograph kit SE5000 Connekt 8.0 ADR +
DSRC cable + DSRC module 24V

**SE5061KRM/KIT24V**



SE5000 12/24V

**SE5002**



SE5000 24V with ADR

**SE5011**



EFAS 4SE Digital Tachograph

**EFAS-4SE**



EFAS 5

**EFAS 5**



DTCO simulator

**1391-210011020100**



Battery for DTCO 1381 VDO

**A2C59511954**



1381 battery 3.6V 1.1A Xeno

**54812035**



1381 battery Tekson (3.6V 1.1A )

**TK54812035**



DSRC antenna

**A3C0764520021**

DSRC cable 3m

**2910002313000**

GeoLoc GNSS  dashboard antenna

**A2C59517075**

DTCO GeoLoc

**A2C59517076**

Adapter M1/N1

**M1N1**

DTCO 4.0 M1N1 ADAPTER

**2910002298300**

M1/N1 adapter Stoneridge KIT 1C

**900670/05R04**

DTCO 3.0 front cover

**2910000955100**

DTCO printer cover

**2910000955300**
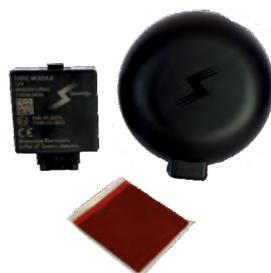
DTCO chip card cover

**2910000955200**

DRSC module 12V - Stoneridge

**900620/13**

DRSC module 24V - Stoneridge

**900620/12**

DSRC antenna cover - Stoneridge

**104171R01**

DRSC C-CAN cable 5m

**6810034**



Tacho motion kit 7800-225

**ETD90030074**



DTCO/MTCO installation frame

**1324-90010500**



DTCO SmartLink Pro Android/iOS

**1981-2000000101**



TachoReader digital card reader

**ETD90010330**



VDO card reader

**A2C59516754**



VDO Smart Terminal

**2910002168600**



DLKPro Download Key S (DTCO 4.0 Ready)

**2910002165200**



DLKPro TIS-Compact S  (DTCO 4.0 Ready)

**2910002165300**



DLK Smart Download Key

**2910003149100**



DLKPro Power Box

**A2C59514675**



DLKPro Neoprene Case

**A2C59514917**

DLKPro Licence Card Smart TCO ready

**2910002128800**

D-BOX2 - digital tachograph data downloader and card reader

**ETD90030075**

TACHO2SAFE - digital tachograph data downloader and card reader

**ETD90030076**

3D Tacho - digital tachograph data downloader and card reader

**3D TACHO**
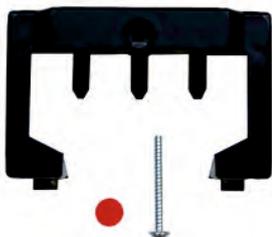
Sealing cover DTCO 3.0 VDO

**A2C1207140028**

Sealing cover DTCO 3.0 GRS
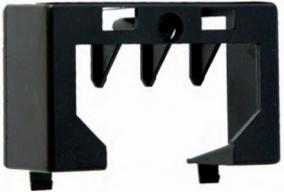
**54812816**

Sealing kit DTCO 1381 3.0 (3xparts)

**54812818**

Sealing cover DTCO 1381 (vers. 1.0-2.2)

**54812801**

Sealing kit DTCO 1381 (vers. 1.0-2.2)

**54812808**

Sealing kit DTCO 1381 complete (6xparts)

**54812810**

Sealing cover SE5000

**54812813**

Screw for sealing cover DTCO 1381 3.0 VDO

**A2C1474650028**

Screw for sealing cover  DTCO 1381 3.0 GRS

**54812805**



1381 Extraction handle

**1381-90040000**



Calibration Kit DTCO 4.0  + Seal 4.0

**2910002070900**



DTCO 1381 tachograph calibration kit VDO

**A2C59514327**



DTCO 1381 tachograph calibration kit GRS

**ETD90030562**



DTCO 1381 tachograph calibration kit TEKSON

**13810023 TEK**



Workshop Report VDO

**A2C59514659**



Sealing foil VDO

**A2C59517066**



Sealing foil GRS

**ETD90030554**



Cleaning card for  1381 tachograph

**A2C59513382**



Cleaning card VDO + cleaning cloth for digital tachograph

**A2C59511838**



Cleaning blue cloth

**ETD90030548**

Tekson tachograph cleaning card

**TK207006**



GRS Cleaning set for digital tachograph (card + cloth)

**ETD90030542**



Cleaning set for digital tachograph WITH YOUR LOGO ( card + cloth)

**xx90030542**



Cleaning card for digital tachograph

**A2C59511849**

# 4

## Sealing materials

KITAS 4.0 Seal

**2910000876000**

KITAS SMART SEAL BP

**291000/BP**

KITAS SMART SEAL PR

**291000/PR**

KITAS SMART SEAL RP

**291000/RP**

KITAS SMART SEAL UN

**291000/UN**

Large black seal EGK100

**54770825**

Small white seal EGK100

**54770826**

Service seal EGK100

**54779055**

Clock seal 1319 (100 pcs)

**54833313**

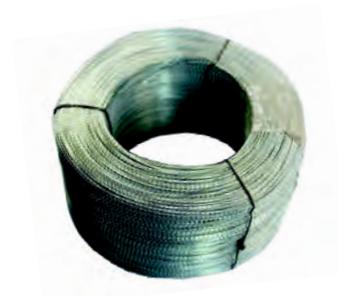Rear screw seal 1318

**54832002**

Seal 2171.32+ Sprinter

**A2C82998300**

Sealing wire

**SE18115022**

Lead seals (100 pieces)

**54832005**

Plastic round seal Ø 9mm orange (100x)

**54832008**

VDO Workshop Report sticker

**A2C59514659**

VDO sealing foil

**A2C59517066**

DTCO tachograph calibration kit VDO

**A2C59514326**

1381 Calibration kit DTCO GRS

**ETD90030562**

DTCO Tachograph Calibration Kit - Tekson

**TK207007**

Kienzle verification voucher film - without frame

**54832059**

Sealing foil 28 x 16mm (100x)

**54832055**

Kienzle K-factor sticker (100x)

**54832056**

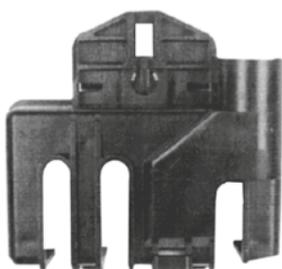1318 sealing cover

**54830526**

1318 sealing plate without opening / 1318-90021302

**54830525**

Sealing cover for armoured cable 1318/1319

**54833312**

Work group switch security seal

**54833304**
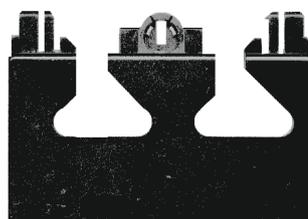
Sealing cover

**1319-8451002**

Sealing cover 1324 front

**54822733**

Sealing cover 1324

**54822725**

Sealing cup 1324

**1311-0111131001**

Sealing cup 1324 GRS

**54832020**

Sealing kit VR2400

**54832029**

Sealing kit VR 84XX

**54832027**

Sealing cover KITAS sensor

**54812025**

DTCO 1381 Sealing cup

**54812801**
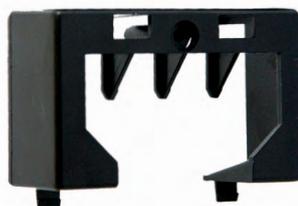
Sealing kit DTCO 1381

**54812808**

Sealing kit complete DTCO 1381

**54812810**

Screw for sealing flap DTCO 1381

**54812805**

Sealing cover DTCO 3.0 VDO

**A2C1207140028**

Sealing cover 3.0/4.1 GRS

**13810022**

Sealing cover kit 3.0 GRS

**13810021**

Screw for sealing cover DTCO 3.0 VDO

**A2C1474650028**

Sealing kit SE5000

**54812813**

Connector A white 1318

**54832425**

Connector B yellow 1318

**54832426**

Connector C red 1318

**54832427**

Connector D brown 1318

**54832428**
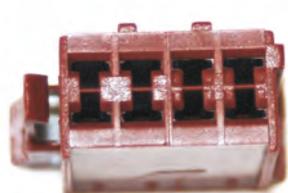
1318 connector socket yellow

**330108/N**

Connector A for EGK 100 white
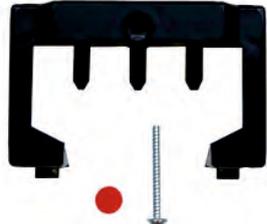
54772425

Connector B for EGK 100 yellow

54772426

Connector C for EGK 100 red

54772427

Connector D for EGK 100 purple

54772428

Cable repair kit 4 PIN standard

54832101

Repair kit Mercedes/Volvo

54832206

KITAS cable repair kit

54832208

KITAS cable repair kit, right-angle

54832207

3-pin cable repair kit

54832100

Bulb OSRAM 24V 1,2W with socket

54833185

Bulb 12V 1,2W with socket

54833184

FLRYYW KITAS cable 4*0,75

54832104

Armoured cable L=8.5m 4-Pin

**SE190085000**

MERCEDES armoured cable 8 m

**SE19008001**

KITAS cable 5 m

**SE21005000**

KITAS cable 6 m

**SE21006000**

KITAS cable 7,5 m

**SE21007500**

KITAS cable 15 m

**SE21015000**

Seal Kitas SMART SE UN with T logo

**291000/UN/T**

Seal Kitas VDO with T logo

**2910002817900/T**
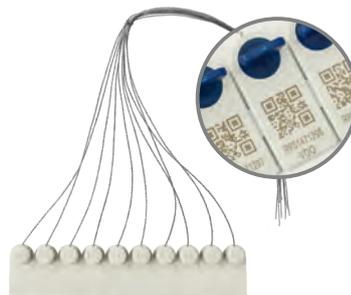
Seal Kitas SMART RP with T logo

**291000/RP/T**

Seal Kitas SMART PR with T logo

**291000/PR/T**

Seal Kitas SMART BP with T logo

**291000/BP/T**

# 5
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## Sensors for analogue and digital tachographs

KITAS 4, sender unit 2185.20 18mm

**2185-2000010000**

KITAS 4, sender unit 2185.20 18.6mm

**2185-2000020000**

KITAS 4, sender unit 2185.20 19,8mm

**2185-2000030000**

KITAS 4, sender unit 2185.20 23,8mm

**2185-2000040000**

KITAS 4, sender unit 2185.20 25mm

**2185-2000050000**

KITAS 4, sender unit 2185.20 33,8mm

**2185-2000060000**

KITAS 4, sender unit 2185.20 62mm

**2185-2000070000**

KITAS 4, sender unit 2185.20 63,2mm

**2185-2000080000**

KITAS 4, sender unit 2185.20 88,8mm

**2185-2000090000**

KITAS 4, sender unit 2185.20 113,8mm

**2185-2000100000**

KITAS 4.0 Lenght: 23,8mm VOLVO

**2185-2010040000**

Sender KITAS 4 18mm 4:1

**2185-2000011000**

KITAS 4.0 Lenght: 62mm 4:1 FORD

**2185-2020071000**

KITAS 4.0 Lenght 33,8mm TELMA

**2185-2000060100**

KITAS 4.0 Lenght: 88,8mm TELMA

**2185-2000090100**

KITAS 4.0 Lenght: 113,8mm TELMA

**2185-20000100100**

Speed sensor CA TCO 121_440 (1:1) plug: yellow

**2185-32210440**

Speed sensor CA TCO 124_410 (4:1) plug: yellow

**2185-32210440**

Sender LESIKAR TACH 3 19mm SMART

**M171**

Sender LESIKAR TACH 3 25mm SMART

**M172**

Sender LESIKAR TACH 3 35mm SMART

**M173**

Sender LESIKAR TACH 3 90mm SMART

**M175**

KITAS2+ sender unit M18X1.5 19.8mm 1.2mm (2171-20002111)

**SE22019832**

KITAS2+ sender unit M18X1.5 19.8mm 1.8mm (2171-20006111)

**SE22019834**

KITAS2+ sender unit M18X1.5 23.8mm O-RG

**2171-20100315**

KITAS2+ sender unit M18X1.5 25mm 1.2mm (2171-20002311)

**SE22025032**

KITAS2+ sender unit M18X1.5 35mm 1.2mm (2171-20002511)

**SE22035032**

KITAS2+ sender unit M18X1.5 63.2mm 1.2mm

**2171-20002425**

KITAS2+ sender unit M18X1.5 63.2mm 1.2mm Ford (2171-20302411)

**SE22063230**

KITAS2+ sender unit M18X1.5 90mm 1.2mm (2171-20002211)

**SE22090032**

KITAS2+ sender unit M18X1.5 115mm 1.2mm (2171-20002811)

**SE22115032**

KITAS2+ sender unit M18X1.5 115mm 1.2mm (2171-20502815)

**SE22115031**

KITAS2+ sender unit M18X1.5 136.8mm 1.2mm (2171-20002615)

**SE22136832**

KITAS2+ 1:1 4.40M MERCEDES SPRINTER (2171-3292044030)

**SE22044030**

Sender  KITASII+ 4:1 4,10m (MB Sprinter, automatic gearbox)

**2171-32240410**

Sender KITAS 2+sender Dyn. M18x1,5, L=35mm, U=1,2mm

**2171-20502511**

KITAS2+sender Dyn. M18x1,5 L=90mm, U=1,2mm (2171-20502215)

**SE22090031**

Sender KITAS 2+ 2171-01000010, M22x1,5 female

**SA24200020**

Sender KITAS 2+2171-08010010 Renault Master

**SA24200080**

KITAS2+ training L=19.8mm, U=1.2mm

**2171-2000211110**

LESIKAR KITAS2+ sender unit M18x1.5 19.8mm 1.2mm

**M071**

LESIKAR KITAS2+ sender unit M18x1.5 25mm 1.2mm

**M072**

LESIKAR KITAS2+ sender unit M18x1.5 35mm, 1.2mm

**M073**

LESIKAR KITAS2+ sender unit M18x1.5 90mm 1.2mm

**M075**

Hall sensor 3pin 2155

**SA220000010**

3pin sensor

**SA220000011**

VDO 2155 3pin sensor

**SA22000010**

VDO 2159 4pin sensor

**2159-01000003**

Hallsensor 4-PIN M22X1.5

**SA22000020**

Inductive sensor 19,8mm 2159-50 U=1,2mm

**2159-50004102**

Inductive sensor L=19,8mm, U= 1,2mm

**SE18019822**

Inductive sensor L=25mm, U= 1,2mm 2159-50

**2159-50004302**

Inductive sensor L=25mm, U= 1,2mm FL

**SE18025022**

Inductive sensor 35mm 2159-50 U=1,2mm

**2159-50004502**

Inductive sensor L=35mm, U=1,2mm

**SE18035022**

Inductive sensor L=63,2mm, U=1,2mm

**2159-50004402**

Inductive sensor L=63,2mm, U=1,2mm

**SE18063222**

Inductive sensor L=90mm, U= 1,2mm 2159-50

**2159-50004202**

Inductive sensor L=90mm, U= 1,2mm

**SE18090022**

Inductive sensor L=115mm, U= 1,2mm 2159-50

**SE18115022**

Inductive sensor L=115mm, U= 1,2mm

**SE18115022**

Inductive sensor L=19,8mm, U= 1,2mm Mercedes

**2159-20102101**

Inductive sensor L=19,8mm, U= 1,2mm Mercedes 2159-2010

**2159-20102101**

Inductive sensor L=19,8mm, U= 1,2mm Mercedes

**SE18019832**

Inductive sensor L=25mm, U= 1,2mm Mercedes 2159-2010

**SE18025032**

Inductive sensor L=25mm, U= 1,2mm Mercedes

**SE18025032**

Inductive sensor L=25mm Volvo MB

**340-216-008-010Z**

Inductive sensor L=35mm Mercedes 2159-2010

**SE19035032**

Inductive sensor L=35mm Mercedes

**SE18035032**

Inductive sensor L=63,2mm Mercedes

**SE19063232**

Inductive sensor L=63,2mm Mercedes

**SE18063232**

Inductive sensor L=90mm Mercedes

**2159-20102201**

Inductive sensor L=90mm Mercedes

**SE18090032**

Inductive sensor L=115mm Mercedes

**2159-20102801**

Inductive sensor L=115mm Mercedes

**SE18115032**

Inductive sensor L=136,8mm Mercedes

**2159-20102601**

Inductive sensor L=136,8mm Mercedes

**SE181368032/EU**

Inductive sensor L=25mm Volvo MB

**SE19025042**

Inductive sensor L=25mm Volvo MB

**SE18025042**

Inductive sensor L=90mm Volvo MB

**SE18090042**

# 6

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# Charts and rolls

**VDO Digital Tachograph Paper**

**1381-90030300**

**Haug Tachograph Paper**

**30100**

**Tekson Tachograph Paper**

**TKS203**

**Personalized Tachograph Paper (min. 500 boxes)**

**XX203**

**Kienzle E1-137 100 km/h Tachograph Charts**

**1900-57090000**

**Kienzle E1-137 125km/h kombi Tachograph Charts**

**1900-57120000**

**Haug Combi 125 km/h Tachograph Charts**

**K1251VEC**

**Tekson 100-24 Tachograph Charts**

**TK54494421**

**Tekson 125 Tachograph Charts**

**TK54494425**

**Tekson 125-3300-24 Tachograph Charts**

**TK54494435**

**Tekson 140-24 Tachograph Charts**

**TK54494455**

**Tekson 180-24 Tachograph Charts**

**TK54494470**

# 7

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## TEKSON for your workshop

# 3D Tacho
digital – data – download

**GRS | BV**
global road systems

# Device for downloading data from driver cards and digital tachographs

- Compatible with digital and SMART tachographs,
- 8gb of internal memory (up to 160,000 readings from a driver card or up to 20,000 readings from a digital tachograph),
- a built-in card reader,
- powered by AA 1,5V batteries (included),
- three configurable data download modes,
- damage resistant casing,
- option to download "special" data from a tachograph,
- data download progress bar visible on device's casing,
- high speed data downloading,
- powered by batteries, by a tachograph or USB port.

The box contains: 3D Tacho, MINI-USB cable (reader to computer), connect cable (reader to tachograph).

TEKSON ®

TT2010 set - digital tachographs

**TT003**



TT2010 set - digital and analogue tachographs except 1314

**TT004**



TT2010 set - Digital, analogue and mechanical tachographs

**TT005**



TT2010 set - 2 in 1 (two devices)

**TT006**



TT2010 set - analogue tachographs except 1314

**TT007**



TT2010 set - analogue and mechanical tachographs

**TT008**



Tachograph manipulation tester DTM2015

**TT010**



Tripod with DSRC holder

**TT014**



SCR DSRC Adapter

**TT015**



DSRC Transceiver

**TT016**



Current probe

**TT017**



Brake roller connection kit

**TT019**

DSRC Brackets

**TT367**

TT2010/DTM2015 Bracket

**TT373**

TT2010/DTM2015 case

**TT110**

Service Card TT2010/DTM2015

**TT111**

PT-P900W printer power cable

**TT115**

Brother PT-P900W Printer

**TT116**

PT-P900W Printer Cable

**TT117**

Brother TZe-SE4 18mm/8mm ribbon

**360511**

Motion sensor control cable

**TT119**
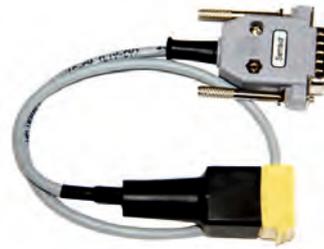
TT2010/DTM2015 Power Cable

**TT120**

Power cable with cigarette lighter plug

**TT121**

Photocell TT2010

**TT122**

Reflective tape (2 pcs)

**TT123**

Cable C (digital tachographs)

**TT124**

Cable K (1314/1318/VR8400)

**TT125**

Cable W (W measurement)

**TT126**

Cable 1319

**TT127**

Cable 1324

**TT128**

Cable EGK 100

**TT129**

Cable VR2400

**TT130**

Adapter VR2400

**TT131**

Speed simulator cable

**TT132**

Chronocompactor probe

**TT133**

4-PIN sensor cable

**TT134**

100 imp/rev sensor

**TT135**



Adapter 1314

**TT136**



Adapter 1314 speed simulator cable

**TT137**



JACK socket-to-socket adapter

**TT138**



USB A-B cable

**TT139**



Battery (AA 1.2V)

**TT140**



Charger

**TT141**



Motion sensor cable (2 m)

**TT246**



Motion sensor extension cable (7 m)

**TT247**



Motion Sensor Inspection Cable (2 m)

**TT248**



Tachograph removal handle 1381

**13810012**



W10 wheel circumference measuring device

**360011**

Pressure gauge for measuring tyre pressure

**380015**

Brother P-touch label printer

**360515**

TC-1/ZN2 device

**360301**

Magneto-induction converter simulator

**360017**

12/24V amplifier with stepless voltage regulation

**360075**

Tachograph power cable kit

**330340**

Tachograph/motion sensor control cable kit

**330341**

Magnifier with linear scale

**360035**

Stand for tachographs

**360037**

Hand puller

**330266**

Thermometer

**360034**

Motion sensor cable 2m

**310020K**

Motion sensor cable 15m

**310150K**

DTCO training kit

**TT300**

MTCO training kit

**TT301**

Training kit without TCO

**TT302**

SE5000 training kit

**TT303**

EFAS training kit

**TT304**

3D Tacho - digital tachograph data
downloader and card reader

**3D TACHO**

GRS|BV
global road systems

# GRS supplies all available Webasto and Eberspaecher genuine spare parts

Webasto
Air Top 2000 STC

Eberspächer

Webasto
Feel the Drive

# 8

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## Speed limiters and speedometers

Speed limiter AUTOKONTROL 24V Diesel

**380009/NP**



Speed limiter ELSON TRUCK

**52000401**



Speed limiter AUTOKONTROL 12V Diesel

**380008/NP**



Tester for calibrating the AUTOKONTROL speed limiter

**380013**



Speedometer Sen 125 - TEKSON

**TK380030T**



Universal speedometer CAN 125 TEKSON

**TK380033T**



Universal speedometer CAN 180 TEKSON

**TK380034T**



Universal speedometer CAN EGK - TEKSON

**TK380035T**
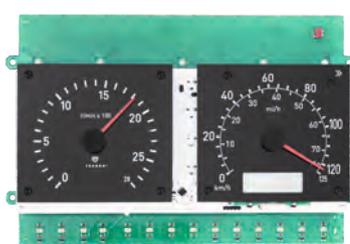


Universal speedometer CAN 125 Actros - TEKSON

**TK380039T**



Feed cable for speedometer EGK

**310009**



Signal cable for EGK speedometer

**310011**



Cable AA-Actros

**380047**

Replacement set for 1318 tachograph

TK380072

Replacement set for EGK100

TK380073

# GRS supplies all VDO instruments and accessories:

- **gauges,**
- **fluid level senders,**
- **sensors.**

# About SPAL

**SPAL Automotive** is a leading manufacturer of high-quality fans and blowers, whose exceptional performance and reliability are appreciated by customers worldwide. All products of the SPAL Automotive brand are manufactured with the highest quality at their headquarters in Correggio, Italy. Thanks to their innovative approach to production and their continuous pursuit of excellence, SPAL Automotive offers solutions that meet the highest industry standards, ensuring not only optimal performance but also long life and reliability. Discover the full range of SPAL Automotive products and experience excellence in all aspects of ventilation and blower technology.

# Over SPAL

**SPAL Automotive** is een toonaangevende fabrikant van hoogwaardige ventilatoren en blowers, waarvan de uitzonderlijke prestaties en betrouwbaarheid wereldwijd worden gewaardeerd door klanten. Alle producten van het merk SPAL Automotive worden vervaardigd met de hoogste kwaliteit in hun hoofdkantoor in Correggio, Italië. Dankzij hun innovatieve aanpak in de productie en hun voortdurende streven naar excellentie, biedt SPAL Automotive oplossingen die voldoen aan de hoogste normen in de industrie, met een optimale prestatie, lange levensduur en betrouwbaarheid als resultaat. Ontdek het volledige assortiment aan SPAL Automotive producten en ervaar excellentie op alle gebieden van ventilatie-en blowertechnologie.

GRS | BV
global road systems

# GRS supplies all SPAL fans and blowers

SPAL
AUTOMOTIVE

# About TEKSON

**TEKSON** is a brand specialising in cargo securing and providing high-quality accessories for the transportation industry. Their wide range of products includes innovative solutions for cargo securing, tachograph accessories, tools and products dedicated to drivers, including comfortable and functional gloves. With years of experience and high-quality standards, TEKSON offers comprehensive support for professionals in the transportation industry.

The Tekson product range includes:
- Cargo securing
- Driver Accessories
- Work protection
- Tools for drivers
- Tachograph testing equipment
- Tachograph accessories

# Over TEKSON

**TEKSON** is een merk dat gespecialiseerd is in het vastzetten van lading en het leveren van hoogwaardige accessoires voor de transportindustrie. Hun uitgebreide assortiment omvat innovatieve oplossingen voor het vastzetten van lading, tachograafaccessoires, gereedschap en producten die zijn gewijd aan chauffeurs, waaronder comfortabele en functionele handschoenen. Met jarenlange ervaring en hoge kwaliteitsnormen biedt TEKSON uitgebreide ondersteuning voor professionals in de transportindustrie.

De productlijn van Tekson omvat:
- Ladingzekering
- Chauffeursaccessoires
- Werkbescherming
- Gereedschap voor chauffeurs
- Tachograaf testapparatuur
- Tachograaf accessoires

# GRS supplies all TEKSON products

# Health and safety

# Gezondheid en veiligheid

One of the fastest-growing sectors at GlobalRoadSystems is **Protective Clothing and Accessories**. Our range includes diverse products from the most recognizable brands, ensuring the highest quality solutions. Each offer is carefully tailored to meet the needs of the customer, providing comprehensive support in terms of safety and comfort during work. Customers can be assured that products offered by GlobalRoadSystems will meet their expectations.

Een van de snelstgroeiende sectoren bij GlobalRoadSystems is **beschermende kleding en accessoires**. Ons assortiment omvat diverse producten van de meest herkenbare merken, waardoor we de hoogste kwaliteit oplossingen kunnen garanderen. Elke aanbieding wordt zorgvuldig afgestemd op de behoeften van de klant, en biedt uitgebreide ondersteuning op het gebied van veiligheid en comfort tijdens het werk. Klanten kunnen erop vertrouwen dat de producten die GlobalRoadSystems aanbiedt aan hun verwachtingen zullen voldoen.

**MAPA®**
PROFESSIONAL

**Ansell**

**Honeywell**

**3M**

![GRS | BV global road systems]

# GRS offers health and safety products with personalisation options

# Wheels
# and wheel sets

Our company supplies manufacturers, multi-trade shops and other institutions with industrial wheels and castors. Wheels in housings, i.e. the castors we offer, are used in practically every branch of industry. There is not a day that goes by without coming across a running component that moves thanks to appropriately selected industrial castors. We offer a wide range of own-brand products.

-Wheels and castors for industry and production
-Furniture and apparatus castors
-Pallet castors and wheels
-Pneumatic wheels
-Specialised wheels

# Wielen
# en wielsets

Ons bedrijf levert industriële wielen en zwenkwielen aan fabrikanten, multifunctionele winkels en andere instellingen. Wielen in behuizingen, oftewel de zwenkwielen die wij aanbieden, worden praktisch in elke branche van de industrie gebruikt. Er gaat geen dag voorbij zonder dat men een draaiend onderdeel tegenkomt dat dankzij passend geselecteerde industriële zwenkwielen beweegt. We bieden een breed scala aan eigen merkproducten aan.

-Wielen en zwenkwielen voor industrie en productie
-Wielen voor meubels en apparaten
-Palletwielen en zwenkwielen
-Pneumatische wielen
-Gespecialiseerde wielen

# GRS offers wheels and wheel sets

# About us

Established in 2002, **GlobalRoadSystems B.V.** is a main leading distributor offering a comprehensive range of products across various sectors. As an authorised distributor of VDO, we specialise in top-tier tachograph solutions. Our PPE gear selection is designed to meet diverse safety requirements, while our catalogue also includes heaters from reputable brands like Webasto and Eberspächer.

In the automotive accessories segment, we proudly represent SPAL Automotive as an authorised distributor of Fans and Blowers. Additionally, our portfolio features a wide array of driver accessories and cargo-securing solutions sourced from the TEKSON brand.

At GlobalRoadSystems B.V., our focus is on delivering tailored solutions that address the unique needs of our clients across different industries.

# Over ons

**GlobalRoadSystems B.V.**, opgericht in 2002, is een toonaangevende distributeur die een uitgebreid assortiment producten aanbiedt voor verschillende sectoren. Als geautoriseerd distributeur van VDO zijn wij gespecialiseerd in topklasse tachograafoplossingen. Onze selectie PBM-uitrustingen is ontworpen om te voldoen aan diverse veiligheidseisen, terwijl onze catalogus ook kachels bevat van gerenommeerde merken als Webasto en Eberspächer.

In het segment auto-onderdelen en accessoires vertegenwoordigen we met trots SPAL Automotive als geautoriseerd distributeur van ventilatoren en blowers. Daarnaast bevat ons portfolio een breed scala aan bestuurdersaccessoires en oplossingen voor het vastzetten van lading van het merk TEKSON.

Bij GlobalRoadSystems B.V. ligt onze focus op het leveren van op maat gemaakte oplossingen die voldoen aan de unieke behoeften van onze klanten in verschillende industrieën.

# GRS has over 30 years of experience

## CONTACT

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