

Fifth Wheel & Coupling Catalogue

Fifth Wheels, Drawbar Couplings, Drawbar Eyes & Pintle Hooks



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Bolt On Kingpins



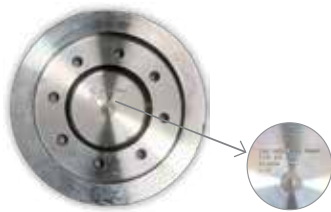
Type 65 – 50mm						
Part No	Description	Size	D Value	CRN	Torque	
662101609K	50mm Kingpin & 8 bolts (M14x30)	50mm	210kN	16671	200Nm	
KPB62818	50mm Kingpin on 8mm mounting plate & 8 bolts	50mm	210kN	16671	200Nm	
KPB62018	50mm Kingpin on 10mm mounting plate & 8 bolts	50mm	210kN	16671	200Nm	
KPB62218	50mm Kingpin on 12mm mounting plate & 8 bolts	50mm	210kN	16671	200Nm	
KPB50001	50mm Kingpin on 16mm mounting plate & 8 bolts	50mm	210kN	16671	200Nm	



Type 67 – 90mm						
KPB51042BK	90mm Kingpin & 8 bolts (M14x35)	90mm	260kN	16670	240Nm	
KPB62010	90mm Kingpin on 8mm mounting plate & 8 bolts	90mm	260kN	16670	240Nm	
KPB62012	90mm Kingpin on 10mm mounting plate & 8 bolts	90mm	260kN	16670	240Nm	
KPB62014	90mm Kingpin on 12mm mounting plate & 8 bolts	90mm	260kN	16670	240Nm	
KPB50003	90mm Kingpin on 16mm mounting plate & 8 bolts	90mm	260kN	16670	240Nm	



Accessories



Size is on unit (t = 8/10/12/16)



Bolt Kits		
Part No	Description	Size
3341292808	Bolt Kit Qty 8 - to suit Type 65 - 50mm kingpin	M14 x 30
RK330218	Bolt Kit Qty 8 - to suit Type 65 - 50mm kingpin (Pre 2018)	M14 x 35
KP90BK	Bolt Kit Qty 8 - to suit Type 67 - 90mm kingpin	M14 x 35
RK08868	Bolt Kit Qty 8 - to suit 50 & 90mm kingpin (XA0676 & XA0677)	3/4" x 2"

Housing - back plate		
Part No	Description	Size
BP5103808	Housing Only Suits 8mm Plate	50mm / 90mm
BP5103810	Housing Only Suits 10mm Plate	50mm / 90mm
BP5103812	Housing Only Suits 12mm Plate	50mm / 90mm
BP5103816	Housing Only Suits 16mm Plate	50mm / 90mm

Misc.		
TF0110	Kingpin Gauge Tester	
TF0237	Jaw Test Plug 50mm	



Fifth Wheel Recommendation Guide



	STANDARD DUTY				HEAVY DUTY	
	FW351 Grease	G36 Grease	FW331 Low Lube	G36L Low Lube	FW70 Grease	FW72 Low Lube
D rating - 90mm Kingpin					270kN	270kN
D rating - 50mm Kingpin	210kN	200kN	210kN	200kN	240kN	240kN
Warranty	3 years	2 years	3 years	2 years	2 years	2 years
Single Trailer Taughtliner/ Flat Top	✓	✓	✓	✓	✓	✓
B-Double Taughtliner/ Flat Top	✓	✓	✓	✓	✓	✓
Refrigerated	✓	✓	✓	✓	✓	✓
Tanker	✓	✓	✓	✓	✓	✓
Tipper	✓	✓	✓	✓	✓	✓
Stockcrate/Livestock	✓		✓		✓	✓
Roadtrain	✓	✓	✓	✓	✓	✓
Logging	✓		✓		✓	✓
Low Loader Off Road					✓	✓
Trailer – B Double Option	✓		✓			
ELITE System - LEDs on fifth wheel	✓		✓			
VOLVO Dash Display - VIDS		✓		✓		
Daimler Dash Display - MIDS		✓		✓		
Scania Dash Display - MIDS		✓		✓		

Note: These are SAF-HOLLAND recommendations for these applications, other fifth wheel solutions may be used in the same application. Please consult your local representative to discuss your specific application and alternative fifth wheel most appropriate for your needs.

All Holland Fifth Wheels can be supplied drilled to suit all trucks in the market.

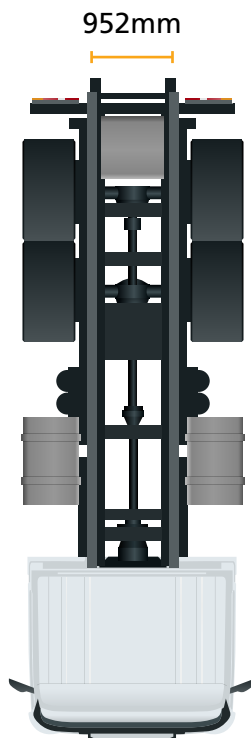
The three common fifth wheel drill patterns are below for USA, European and MAN Trucks. If unsure, you can measure across the chassis rail from the centre of the drilled holes.

All full assemblies with base plates can come drilled 952mm or 880mm or 883mm.

These full assemblies are also supplied with bolt kits, to allow proper fitment to the truck.

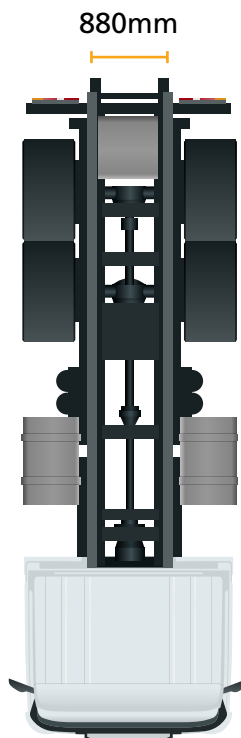
Common USA Models

Kenworth, Volvo, Mack, Daimler,
Freightliner, Western Star



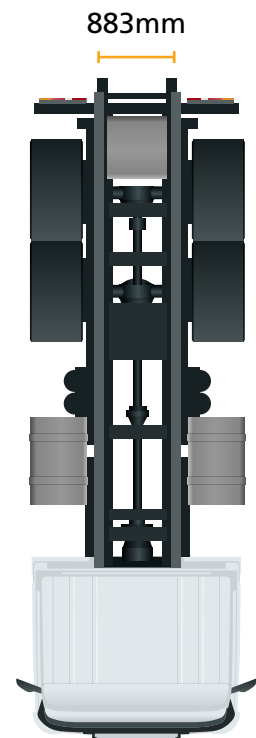
Common European Models

DAF, Scania, Iveco



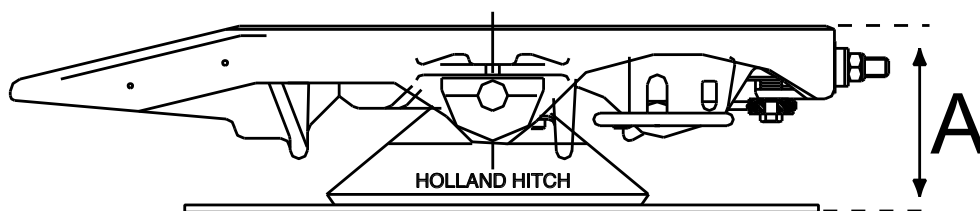
MAN Trucks

MAN



How to measure the height of fifth wheels.

Height is taken from the bottom of the base plate to the top of the turntable top.

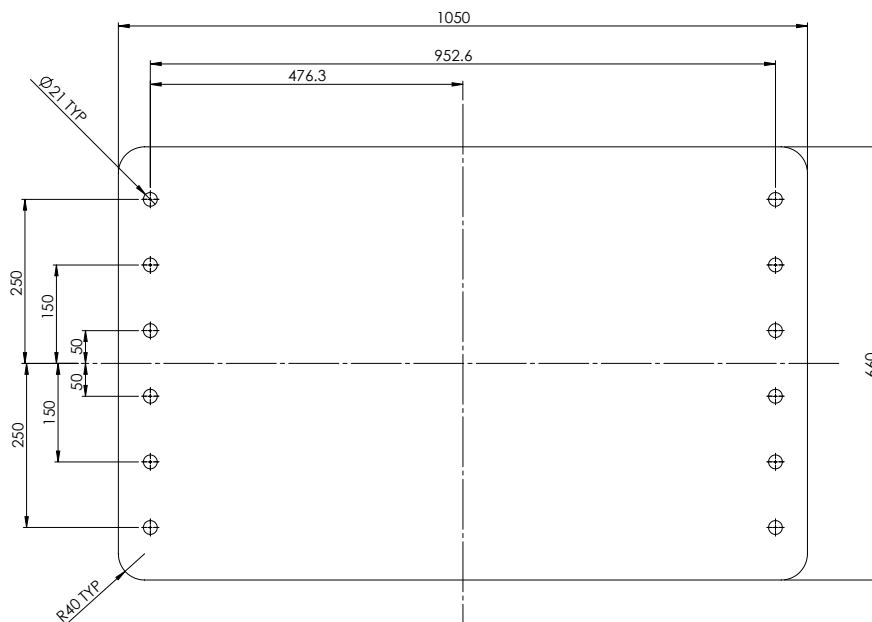


Fifth Wheel Mounting Foot Centres

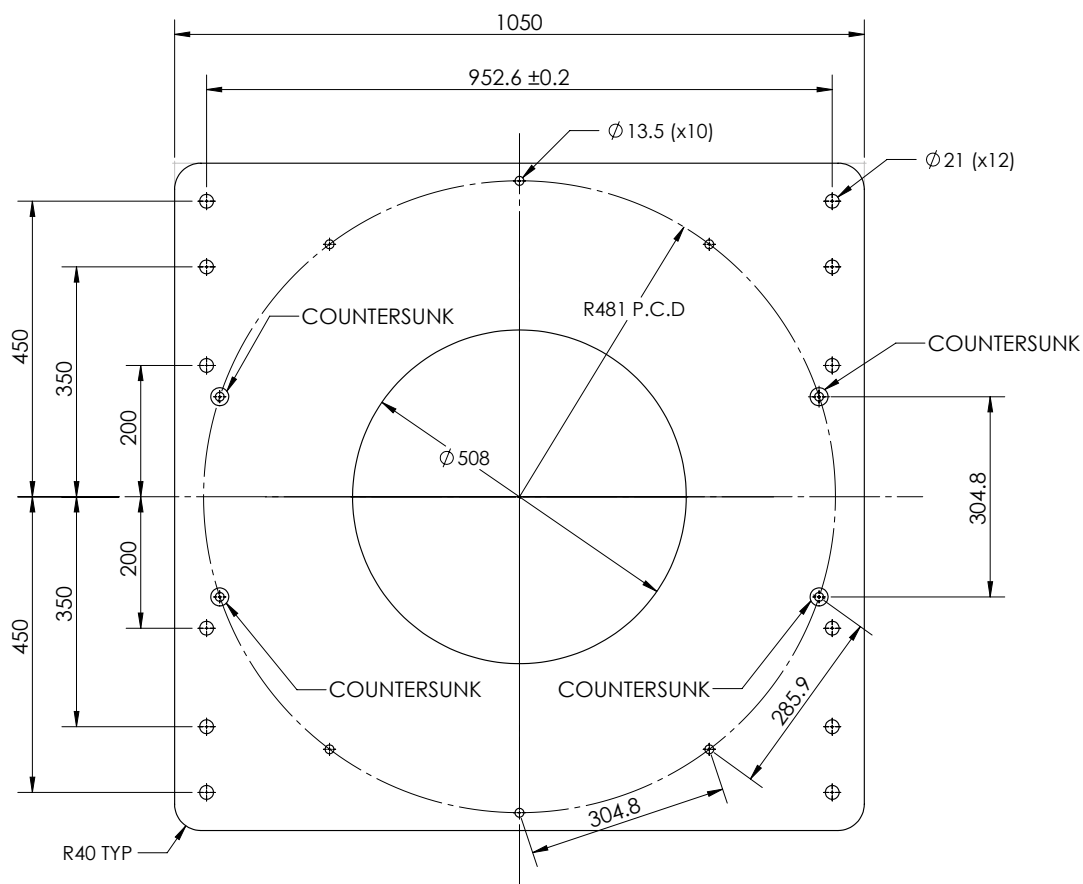


Common Baseplates for 952mm and 880mm Drill Patterns.

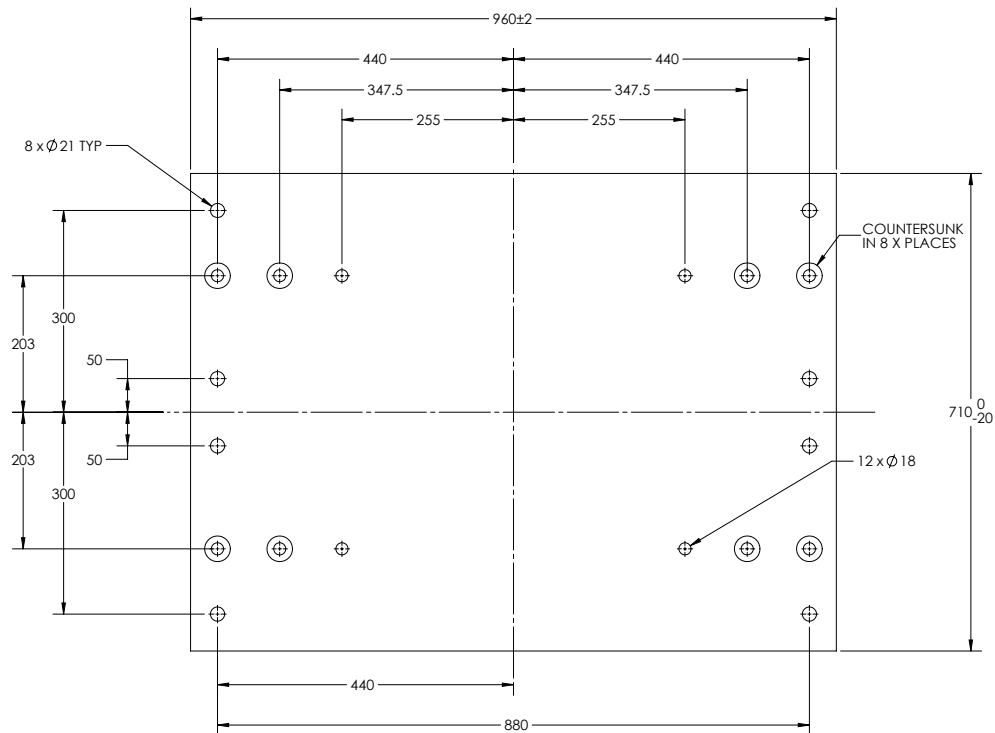
Weld On Feet Baseplate 1050mm x 660mm – Drilled at 952mm holes.



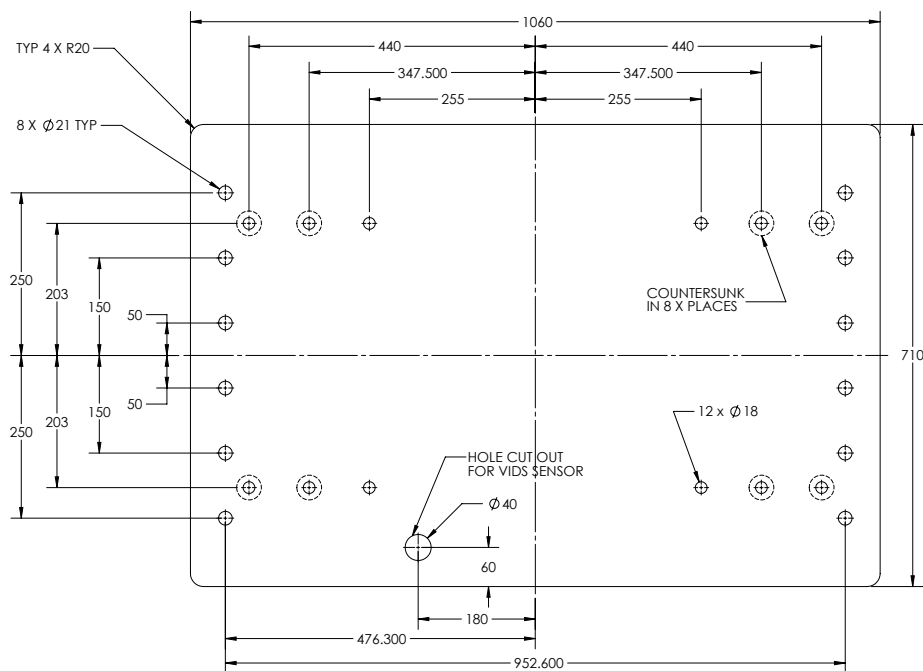
Ballrace Baseplate 1050mm x 1016mm – Drilled at 952mm holes.



ISO Feet Baseplate 960mm x 710mm – Drilled to 880mm holes.
Suits G36 and G36L.



ISO Feet Baseplate 1060mm x 710mm – Drilled to 952mm holes.
Suits G36 and G36L.



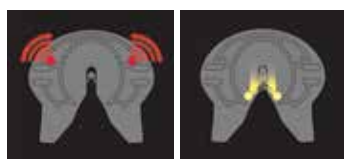
- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



XA351EA



XA351EB



FW351 Tops RIGHT/DRIVER SIDE HANDLE

TOP & FOOT PINS

Part No.	Description	Weight kg	D Rating kN
XA351EA	351 Grease Top - Trucks	108	210

Grease top for Truck installation with standard handle and foot pins supplied.
Standard foot pins – RK06356 – 29mm foot pin, which is held in by bolt on “ears”.
Use nylon foot bush RK16045P for 351 & 331 tops.

FW351 Tops RIGHT/DRIVER SIDE HANDLE

TOP & FOOT PINS

Part No.	Description	Weight kg	D Rating kN
XA351EB	351 Grease Top - Trailer	108	210

Grease top for Trailer installation with “ears” cut off, smaller handle and special foot pins.
B Double foot pins – RK2016AU – 29mm foot pin with bolt and nut to secure.
Note: Ears removed from top plate to minimum width 915 mm.

FW351ELITE

Part No.	Description	Voltage
XA351AELITE	FW 351 with Elite warning system	12v
RK12131AU	Complete Elite retrofitting Kit incl power cable	12v
VOLTREDUCER2412v	Voltage Reducer 24v Input – 12v Output, Elite Truck Use	24v-12v
VOLTSTABILISER12v	Voltage Stabiliser 9-32v Input – 12v Output, Elite Trailer Use	24/12v-12v



Cast Steel Foot



ISO Bolt on Foot

FW Series Cast Steel Feet - Weldable

Part Number	Description	Height mm	Weight kg
XB2007HL	Weldable Cast Foot	*73	7
XB2007HT	Weldable Cast Foot	*95	10
XB2007HF	Weldable Cast Foot	*120	11
XB2007HA	Weldable Cast Foot	*128	12
XB2007HG	Weldable Cast Foot	*144	13
XB2007HX	Weldable Cast Foot	*162	14

FW Series Cast Steel Feet - ISO Bolt on Feet - includes 16mm plate

Part Number	Description	Height mm	Weight kg
XB2007HLISOHD	Cast Foot with ISO Plate Welded	*89	15
XB2007HTISOHD	Cast Foot with ISO Plate Welded	*111	18
XB2007HFISOHD	Cast Foot with ISO Plate Welded	*136	19
XB2007HAISOHD	Cast Foot with ISO Plate Welded	*144	20
XB2007HGISOHD	Cast Foot with ISO Plate Welded	*160	21
XB2007HXISOHD	Cast Foot with ISO Plate Welded	*178	22

*Height above is bottom of foot or baseplate to the centre of the foot bush hole.

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



Mounting Plate with Feet

FW Series Cast Steel Feet & Flat Mounting Plates

Part Number	Description	Plate Dim. mm	Height mm	Weight kg
L2	Mounting Plate c/w Feet	1050 x 660 x 16	*89	88
T2	Mounting Plate c/w Feet	1050 x 660 x 16	*111	94
F2	Mounting Plate c/w Feet	1050 x 660 x 16	*136	96
A2	Mounting Plate c/w Feet	1050 x 660 x 16	*144	98
G2	Mounting Plate c/w Feet	1050 x 660 x 16	*160	100
X2	Mounting Plate c/w Feet	1050 x 660 x 16	*178	102

Also available 20 mm Mounting Plate + 960 x 660 x 16 Plates.



FW351 - 50 mm (2") RIGHT/DRIVER SIDE HANDLE

FEET & TOP ONLY

Part No.	Foot Type	Height mm	Weight kg	D Rating kN	CRN	CTA
FW351L*	HL	143	122	210	16754	060044
FW351T*	HT	165	128	210	16754	060044
FW351F*	HF	190	130	210	16754	060044
FW351A*	HA	198	131	210	16754	060044
FW351G	HG	214	131	210	16754	060044
FW351X	HX	232	135	210	16754	060044

* ISO bolt on foot option avail. Inc. suffix ISO (eg. FW351LISO) and add 16 mm to overall height.



FW351
Fixed Mount

FW351 - 50 mm (2") Fixed Mount RIGHT/DRIVER SIDE HANDLE

FULL ASSEMBLY

Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW351L2	1050 x 660 x 16	D		159	196	210	16626	060044
FW351L2	960 x 660 x 16		D2	159	196	210	16626	060044
FW351T2	1050 x 660 x 16	D		181	202	210	16626	060044
FW351T2	960 x 660 x 16		D2	181	202	210	16626	060044
FW351F2	1050 x 660 x 16	D		206	204	210	16626	060044
FW351F2	960 x 660 x 16		D2	206	204	210	16626	060044
FW351A2	1050 x 660 x 16	D		214	205	210	16626	060044
FW351A2	960 x 660 x 16		D2	214	205	210	16626	060044
FW351G2	1050 x 660 x 16	D		230	205	210	16626	060044
FW351G2	960 x 660 x 16		D2	230	205	210	16626	060044
FW351X2	1050 x 660 x 16	D		248	209	210	16626	060044
FW351X2	960 x 660 x 16		D2	248	209	210	16626	060044
FW351L3	1050 x 660 x 20	D	D2	163	212	210	16626	060044
FW351T3	1050 x 660 x 20	D	D2	185	218	210	16626	060044
FW351F3	1050 x 660 x 20	D	D2	210	220	210	16626	060044
FW351A3	1050 x 660 x 20	D	D2	218	221	210	16626	060044
FW351G3	1050 x 660 x 20	D	D2	234	221	210	16626	060044
FW351X3	1050 x 660 x 20	D	D2	252	225	210	16626	060044

*Height above is bottom of foot or baseplate to the centre of the foot bush hole.

Bolt kit 2501508 is supplied with all assemblies – Qty 12 – ¾ x 2½ UNF bolts and nyloc nuts.

SAF-HOLLAND Plates are supplied with cut outs to meet with Australian Standards.
MAN 883mm drilled base plates available on request.

STANDARD DUTY BALLRACE

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



FW351
Single Row Ballrace

FW351 - 50 mm (2") Single Row Ballrace 16t RIGHT/DRIVER SIDE HANDLE

SINGLE BALLRACE								
Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW351LS4	1050 x 1016 x 16	D	D2	231	317	210	16641	060099
FW351TS4	1050 x 1016 x 16	D	D2	253	319	210	16641	060099
FW351AS4	1050 x 1016 x 16	D	D2	286	334	210	16641	060099
FW351LS5	1050 x 1016 x 20	D	D2	235	343	210	16641	060099
FW351TS5	1050 x 1016 x 20	D	D2	257	345	210	16641	060099
FW351AS5	1050 x 1016 x 20	D	D2	290	360	210	16641	060099



FW351
Single Row Ballrace

FW351 - 50 mm (2") Heavy Duty Double Row Ballrace 30t RIGHT/DRIVER SIDE HANDLE

DOUBLE BALLRACE								
Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW351LD4	1050 x 1016 x 16	D	D2	261	340	210	16627	060099
FW351TD4	1050 x 1016 x 16	D	D2	283	342	210	16627	060099
FW351AD4	1050 x 1016 x 16	D	D2	316	357	210	16627	060099
FW351LD5	1050 x 1016 x 20	D	D2	265	366	210	16627	060099
FW351TD5	1050 x 1016 x 20	D	D2	287	368	210	16627	060099
FW351AD5	1050 x 1016 x 20	D	D2	320	383	210	16627	060099



Single Row Ballrace

FW Series Ballrace

Part Number	Description	Drilled	Height mm	Weight kg	D Rating kN
SR601000	16t Single Row Ballrace	Undrilled	60	68	210
SR601000D	16t Single Row Ballrace	Drilled	60	68	210
DR901000	30t Heavy Duty Double Row Ballrace	Undrilled	90	91	270
DR901000D	30t Heavy Duty Double Row Ballrace	Drilled	90	91	270

FW Series Ballrace Mounting Bolts

Part Number	Description	Quantity
BKSR12	Bolt Kit Suit S/Row B/Race on 12mm Plate	
XBM16240	Bolt HT Hh M16x40x2	12
XB12F112	1/2INUNF x 1-1/2IN HTh Bolt	6
XB12FCSK112	CSK HD Screw 1/2INUNFx1-1/2IN	4
XB122CL	Nut M16 cone lock 12mm high	12
XBT69B	1/2 inch Cone Lock Nut	10
BKSR16	Bolt Kit for S/Row Ballrace 12xM16x40 bolts-M16Nuts (feet) 10x1-3/4" bolts&1/2" Nut-Plate	
XB12FCSK134	CSK HD Screw 1/2IN UNFx1-3/4IN	4
XB1021	Bolt HT 0.5IN-20 x1.75IN Long	6
XB122CL	Nut M16 cone lock 12mm high	12
XBT69B	1/2 inch Cone Lock Nut	10
XBM16240	Bolt HT Hh M16x40x2	12
BKDR20	Bolt Kit suit Double Row Ballrace on 20mm plate	
LOK3KIT	Lockout Kit - Single Ballrace SR601000 & Drilled Ballrace	
LOK4KIT	Lockout Kit To Suit DR90/1000 Ballrace	

Bolt kit 2501508 is supplied with all assemblies – Qty 12 – 3/4 x 2 1/2 UNF bolts and nyloc nuts.

STANDARD DUTY KOMPENSATOR

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



FW351
Fixed Mount Kompensator

FW351 - 50 mm (2") Fixed Mount Kompensator RIGHT/DRIVER SIDE HANDLE

Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW351K	Wing 760 x 200 x 12	D	D2	240	243	163	16639	060054
FW351KP	Flat 1050 x 660 x 12	D	D2	240	268	163	16637	060054
FW351KP6	Flat 1050 x 660 x 16	D	D2	244	286	163	16637	060054
FW351KP7	Flat 1050 x 660 x 20	D	D2	248	303	163	16637	060054



FW351
Single Row
Ballrace Kompensator

FW351 - 50 mm (2") Single Row Ballrace Kompensator RIGHT/DRIVER SIDE HANDLE

SINGLE BALLRACE

Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW351KS4	1050 x 1016 x 16	D	D2	291	429	163	16640	060054
FW351KS5	1050 x 1016 x 20	D	D2	295	455	163	16640	060054



FW351
Double Row
Ballrace Kompensator

FW351 - 50 mm (2") Double Row Ballrace Kompensator RIGHT/DRIVER SIDE HANDLE

DOUBLE BALLRACE

Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW351KD4	1050 x 1016 x 16	D	D2	321	452	163	16636	060054
FW351KD5	1050 x 1016 x 20	D	D2	325	478	163	16636	060054

Kompensator allows 5 degrees of oscillation either side of vertical centre line.
Centre of gravity not to exceed 1120 mm above fifth wheel top plate surface.
MAN 883mm drilled base plates available on request.

Bolt kit 2501508 is supplied with all assemblies – Qty 12 – 3/4 x 2 1/2 UNF bolts and nyloc nuts.

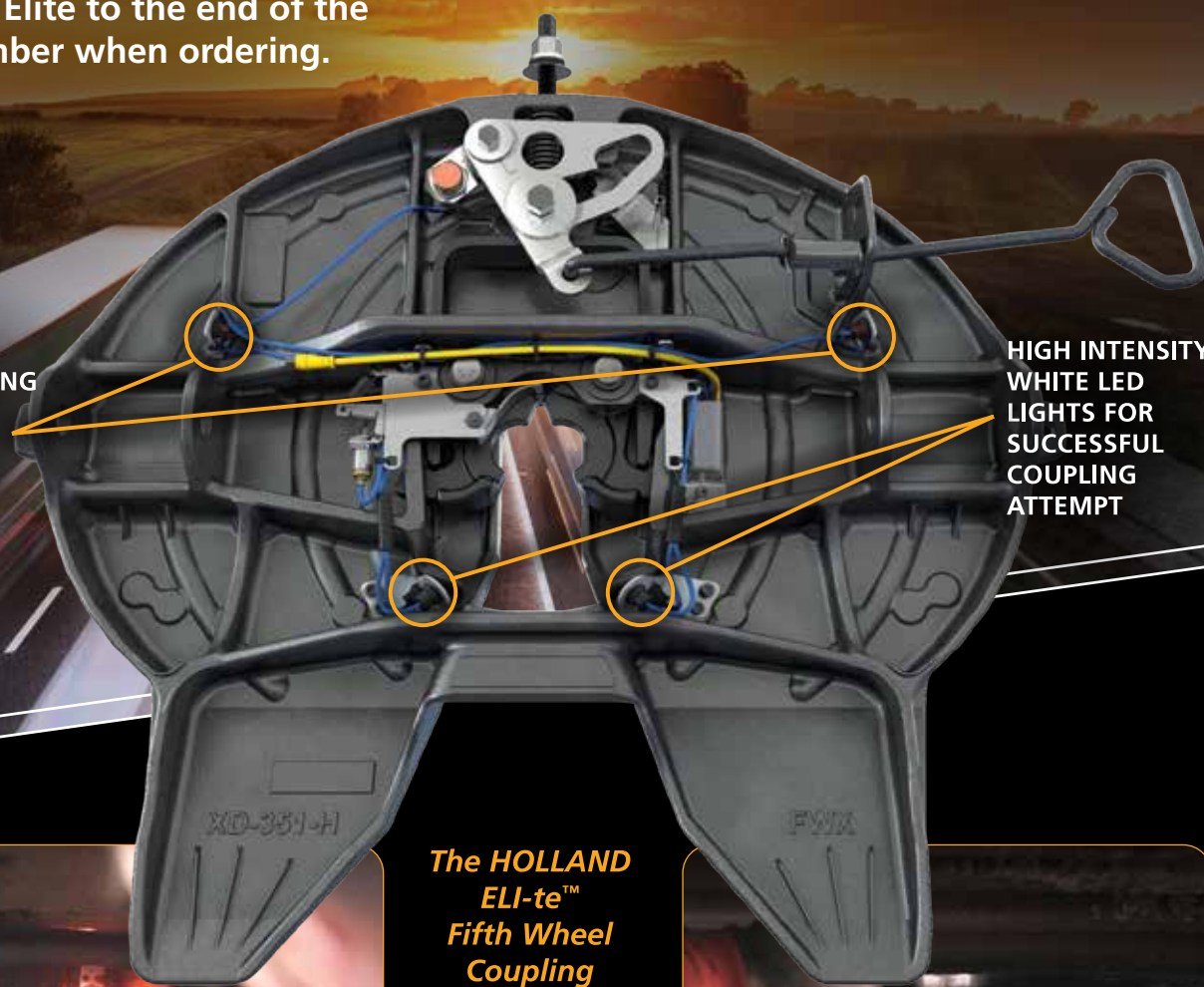
Elite is available on all FW351 and FW331 Assemblies and tops.

Just add Elite to the end of the part number when ordering.



FLASHING RED WARNING LED LIGHTS FOR FAILED COUPLING ATTEMPT

HIGH INTENSITY WHITE LED LIGHTS FOR SUCCESSFUL COUPLING ATTEMPT



The HOLLAND ELI-te™ Fifth Wheel Coupling Assistant helps drivers GET IT RIGHT!



FAILED COUPLING – In the case of a failed coupling attempt, bright red flashing LED lights assist the driver to quickly recognize a potentially costly mistake.



SUCCESSFUL COUPLING – A successful couple triggers high-intensity white LED lights, strategically aimed at the kingpin and lock for enhanced visibility during the inspection process, especially in poor weather and low-light conditions.

Robust electrical components: sealed one-piece harness, long-life LED lights, durable inductive sensors, and steel encased logic module ensure reliable operation in the toughest conditions.

Part No.	Description
FW331A2DELITE	FW331 Height 223mm 1050x660x16mm Base Plate Drilled 952 centres w/ ELITE
FW331F2DELITE	FW331 Height 215mm 1050x660x16mm Base Plate Drilled 952 centres w/ ELITE
FW331FAIRELITE	XA331A 5TH WHEEL WITH AIR & ELITE HF FEET
FW331G2DELITE	FW331 Height 239mm 1050x660x16mm Base Plate Drilled 952 centres w/ ELITE
FW331L2DELITE	FW331 Height 168mm 1050x660x16mm Base Plate Drilled 952 centres w/ ELITE

Part No.	Description
FW351AELITE	FW351 with Elite HA Feet-Bushes-No Plate
FW351F2D2DELITE	FW351 With HF Feet on Plate 960x660x16mm Drilled to 880mm ctrs with ELITE Kit
FW351F2DELITE	FW351 50mm Elite 206mm 1050x660x16mm x 952mm drilled
FW351G2DELITE	FW351 & HG Feet 230mm 210kN 1050x660x16x952mm & 12v Elite
FW351GELITE	FW351 - Elite & HG Feet

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



FW351
ILS Lightweight Slider

FW351 - 50 mm (2") ILS 1043mm Slider RIGHT/DRIVER SIDE HANDLE

Part No.	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW35112US	610	1135 x 1043	173	224	151	40062	040062
FW35113US	915	1440 x 1043	173	238	151	40062	040062
FW35122US	610	1135 x 1043	198	227	151	40062	040062
FW35123US	915	1440 x 1043	198	240	151	40062	040062
FW35132US	610	1135 x 1043	224	228	151	40062	040062
FW35133US	915	1440 x 1043	224	242	151	40062	040062

Drilled base plates available on request.



FW351
ILS Lightweight Slider

FW351 - 50 mm (2") ILS 1043mm Slider RIGHT/DRIVER SIDE HANDLE

SUITS USA VEHICLES
952mm Drill Pattern

Part No.	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW35112USD	610	1135 x 1043	173	224	151	40062	040062
FW35113USD	915	1440 x 1043	173	238	151	40062	040062
FW35122USD	610	1135 x 1043	198	227	151	40062	040062
FW35123USD	915	1440 x 1043	198	240	151	40062	040062
FW35132USD	610	1135 x 1043	224	228	151	40062	040062
FW35133USD	915	1440 x 1043	224	242	151	40062	040062



FW351
ILS Lightweight Slider

FW351 - 50 mm (2") ILS 993mm Slider RIGHT/DRIVER SIDE HANDLE

Part No.	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW35112	610	1135 x 993	173	219	151	40062	040062
FW35113	915	1440 x 993	173	232	151	40062	040062
FW35122	610	1135 x 993	198	221	151	40062	040062
FW35123	915	1440 x 993	198	235	151	40062	040062
FW35132	610	1135 x 993	224	223	151	40062	040062
FW35133	915	1440 x 993	224	236	151	40062	040062

Drilled base plates available on request.



FW351
ILS Lightweight Slider

FW351 - 50 mm (2") ILS 993mm Slider RIGHT/DRIVER SIDE HANDLE

SUITS EUROPEAN VEHICLES
880mm Drill Pattern

Part No.	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW35112D2	610	1135 x 993	173	219	151	40062	040062
FW351122D2	610	1135 x 993	198	221	151	40062	040062
FW351132D2	610	1135 x 993	224	223	151	40062	040062

Bolt kit 2501508 is supplied with all assemblies – Qty 12
– 3/4 x 2 1/2 UNF bolts and nyloc nuts.

FW351 Spare Part Kits



Kit Part No.	Description	Qty	Item
RK351A	FW351 & 331 Full Rebuild Kit		1-29

RK35504	Mini Rebuild Kit, includes Foot Pins & Bushes	1	3, 4, 11, 18
		2	1, 2, 2A, 22, 30, 31, 32

RK35504THK	Mini Rebuild Kit, Thick Yoke	1	3, 4, 11, 18, 31
		2	1, 2, 2A, 22, 30, 32

RK35503A	Jaw Replacement Kit, c/w Yoke	1	3, 4, 11, 18
		2	1, 2, 2A

RK0729282	Lock Pin Replacement Set	2	1, 2, 2A
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RK06356	Foot pins for XA351EA and XA331EA for truck appl. 29mm – Qty 2 – Wing Nut & bolt supplied	2	22, 30, 31
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RK2016AU	Foot pins for XA351EB and XA331EB for trailer appl. 29mm – Qty 2 – Pin bolt and nut supplied	2	37, 38
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RK16045P	FW351 & 331 Nylon Bush Pack (2) – 107x70x29mm	2	32
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RK16045J	FW351 & 331 Rubber Bush Pack (2) – 107x70x29mm	2	35
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RK3542R	Secondary Lock Replacement Kit	1	12, 13, 14
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RK07150R	Cam Plate Kit	1	15, 17, 18, 20, 21, 22
		2	16, 19

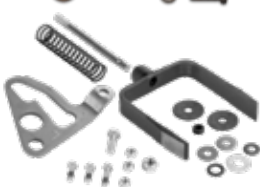
RK35112415R	Right hand Yoke/Shaft/Cam Kit – suits XA351 & XA331 Right hand handle tops	1	9, 10, 11, 21
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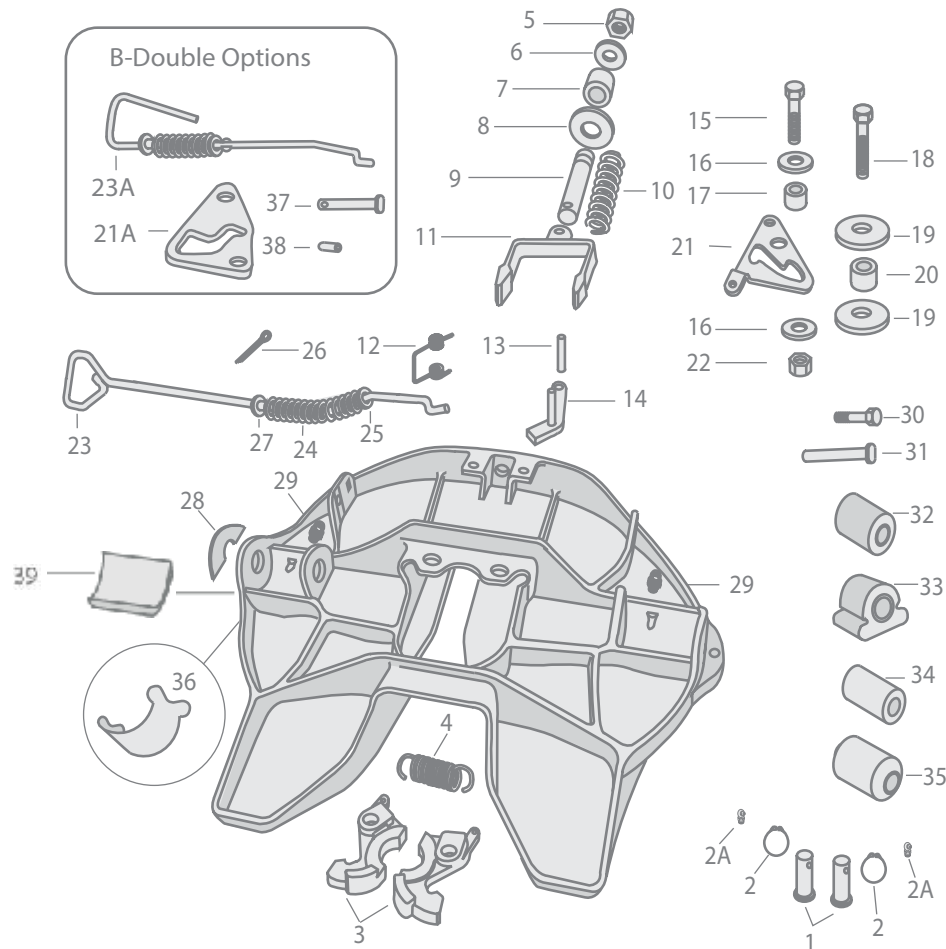
RK35112415L	Left hand Yoke/Shaft/Cam Kit – suits if left hand handle conversion only	1	9, 10, 11, 21
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RK35112415L80	Left hand B Double Yoke/Shaft/Cam Kit	1	9, 10, 11, 21
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RK071511	Release Handle Kit	1	23, 24, 25, 26, 27
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RK10210	Insert Pair Plastic Pocket	2	39
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Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1*	XA0729282	Lock Pin	2	21*	XA07150R	Cam Plate, Right-hand	1
2	XB07398	Circlip	2		XA07150L	Cam Plate, Left-hand (optional)	1
2A	XBH38A	Grease Nipple 90°	2	21A	XA1705	Cam Plate, B-Double	1
3*	XA07296	Lock Jaw Set	1	22	XBT69A	Locknut (1/2"-20)	2
4*	XB07628	Extension Spring	1	23*	XA071511	Release Handle	1
5	XBHNNH34F	Locknut (3/4" x 16)	1	23A*	RKS02104	Release Handle Assembly, B-Double	1
6*	XBPW1316112	Washer (1 1/2" O.D. x 13/16" I.D.)	1	24	XB07291	Compression Spring	1
7*	XB1127	Rubber Washer	1	25	XBPW17321116	Washer (1-1/16" O.D x 9/16" I.D.)	1
8*	XB02312	Lock Adjustment	1	26*	XB07508	Cotter Pin (1/8" x 1-1/4")	1
9*	XA1706	Yoke Shaft	1	27	XBT49	Washer (1-3/8" O.D x 9/16" I.D.)	1
10*	XB1505	Compression Spring	1	28	XB07610	Operation Tag	1
11*	XA07295	Yoke	1	29	XBH38	Grease Nipple	2
	XA07295THK	Yoke, Thick (optional)		30	XBC95	Hex Head Cap Screw (1/2"- 20 x 1-1/4")	2
12*	XB2149	Torsion Spring	1	31*	RK06356	Foot Pin	2
13	XB2155002750	Roll Pin (1/2" x 2-3/4")	1	32*	RK16045P	Foot Bush, Poly	2
14*	XA3542R	Secondary Lock, Right-hand	1	33	XB00113	Foot Bush, Slider Bracket Only	2
	XA3542L	Secondary Lock, Left-hand (optional)	1	34*	RK0011P	Foot Bush, Poly, Komp	2
15	XB1021	Hex Head Cap Screw (1/2"-20 x 1-3/4")	1	35*	RK16045J	Foot Bush, Compression	2
16*	XB08559	Washer (1-3/4" O.D. x 9/16" I.D.)	2	36	DOGBONE	Wear pads - pair (optional)	1
17*	XA1029	Roller (1/2" I.D.)	1	37*	RK2016AU	Foot Pin	2
18	XBCX58F134	Hex Head Cap Screw (5/8"-18 x 1-3/4")	1	38*	XB2153751750	Roll Pin	2
19*	XB07431	Washer (2-5/8" x 21/32")	2	39*	RK10210	Insert Pocket	2
20*	XA1507	Roller (5/8" I.D.)	1				

* Only available as part of a kit.

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



XA331EA

FW331 Tops RIGHT/DRIVER SIDE HANDLE

Part No.	Description	TOP & FOOT PINS	
		Weight kg	D Rating kN

XA331EA 331 Low Lube Top - Truck

108

210

Grease top for Truck installation with standard handle and foot pins supplied.

Standard foot pins – RK06356 – 29mm foot pin, which is held in by bolt on “wing”.

Use nylon foot bush RK16045P for 351 & 331 tops.



XA331EB

FW331 Tops RIGHT/DRIVER SIDE HANDLE

Part No.	Description	TOP & FOOT PINS	
		Weight kg	D Rating kN

XA331EB 331 Low Lube Top - Trailer

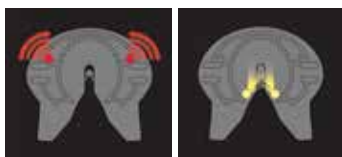
108

210

Grease top for Trailer installation with “wings” cut off, smaller handle and special foot pins.

B Double foot pins – RK2016AU – 29mm foot pin with bolt and nut to secure.

Note: Ears removed from top plate to minimum width 915 mm.



FW331ELITE

Part No.	Description	ELITE TOP ONLY	
		Voltage	

XA331AELITE FW331 with Elite warning system

12v

RK12131AU Complete Elite retrofitting Kit incl power cable

12v

VOLTREDUCER2412v Voltage Reducer 24v Input – 12v Output, Elite Truck Use

24v-12v

VOLTSTABILISER12v Voltage Stabiliser 9-32v Input – 12v Output, Elite Trailer Use

24/12v-12v



Cast Steel Foot

FW Series Cast Steel Feet - Weldable

Part Number	Description	Height mm	Weight kg

XB2007HL Weldable Cast Foot

*73

7

XB2007HT Weldable Cast Foot

*95

10

XB2007HF Weldable Cast Foot

*120

11

XB2007HA Weldable Cast Foot

*128

12

XB2007HG Weldable Cast Foot

*144

13

XB2007HX Weldable Cast Foot

*162

14



ISO Bolt on Foot

FW Series Cast Steel Feet - ISO Bolt on Feet - includes 16mm plate

Part Number	Description	Height mm	Weight kg

XB2007HLISOHD Cast Foot with ISO Plate Welded

*89

15

XB2007HTISOHD Cast Foot with ISO Plate Welded

*111

18

XB2007HFISOHD Cast Foot with ISO Plate Welded

*136

19

XB2007HAISOHD Cast Foot with ISO Plate Welded

*144

20

XB2007HGISOHD Cast Foot with ISO Plate Welded

*160

21

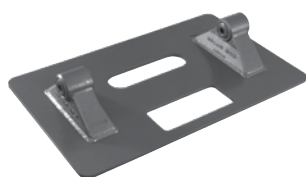
XB2007HXISOHD Cast Foot with ISO Plate Welded

*178

22

*Height above is bottom of foot or baseplate to the centre of the foot bush hole.

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



Mounting Plate with Feet

FW Series Cast Steel Feet & Flat Mounting Plates

Part Number	Description	Plate Dim. mm	Height mm	Weight kg
L2	Mounting Plate c/w Feet	1050 x 660 x 16	*89	88
T2	Mounting Plate c/w Feet	1050 x 660 x 16	*111	94
F2	Mounting Plate c/w Feet	1050 x 660 x 16	*136	96
A2	Mounting Plate c/w Feet	1050 x 660 x 16	*144	98
G2	Mounting Plate c/w Feet	1050 x 660 x 16	*160	100
X2	Mounting Plate c/w Feet	1050 x 660 x 16	*178	102

Also available 20 mm Mounting Plate + 960 x 660 x 16 Plates.

FW331 - Low Lube 50 mm (2") RIGHT/DRIVER SIDE HANDLE

FEET & TOP ONLY

Part No.	Foot Type	Height mm	Weight kg	D Rating kN	CRN	CTA
FW331L*	HL	152	124	210	16753	060102
FW331T*	HT	174	130	210	16753	060102
FW331F*	HF	199	132	210	16753	060102
FW331A*	HA	207	133	210	16753	060102
FW331G	HG	223	133	210	16753	060102
FW331X	HX	241	137	210	16753	060102

* ISO bolt on foot option available. Include suffix ISO (eg. FW331LISO) and add 16 mm to overall height.

FW331 - Low Lube 50 mm (2") Fixed Mount RIGHT/DRIVER SIDE HANDLE

FULL ASSEMBLY

Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW331L2	1050 x 660 x 16	D		168	198	210	16625	060102
FW331L2	960 x 660 x 16		D2	168	198	210	16625	060102
FW331T2	1050 x 660 x 16	D		190	204	210	16625	060102
FW331T2	960 x 660 x 16		D2	190	204	210	16625	060102
FW331F2	1050 x 660 x 16	D		215	206	210	16625	060102
FW331F2	960 x 660 x 16		D2	215	206	210	16625	060102
FW331A2	1050 x 660 x 16	D		223	207	210	16625	060102
FW331A2	960 x 660 x 16		D2	223	207	210	16625	060102
FW331G2	1050 x 660 x 16	D		239	207	210	16625	060102
FW331G2	960 x 660 x 16		D2	239	207	210	16625	060102
FW331X2	1050 x 660 x 16	D		257	211	210	16625	060102
FW331X2	960 x 660 x 16		D2	257	211	210	16625	060102
FW331L3	1050 x 660 x 20	D	D2	172	214	210	16625	060102
FW331T3	1050 x 660 x 20	D	D2	194	220	210	16625	060102
FW331F3	1050 x 660 x 20	D	D2	219	222	210	16625	060102
FW331A3	1050 x 660 x 20	D	D2	227	223	210	16625	060102
FW331G3	1050 x 660 x 20	D	D2	243	223	210	16625	060102
FW331X3	1050 x 660 x 20	D	D2	261	227	210	16625	060102



FW331
Fixed Mount

*Height above is bottom of foot or baseplate to the centre of the foot bush hole.

Bolt kit 2501508 is supplied with all assemblies – Qty 12 – ¾ x 2½ UNF bolts and nyloc nuts.

SAF-HOLLAND Plates are supplied with cut outs to meet with Australian Standards.
MAN 883mm drilled base plates available on request.

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



FW331
Single Row Ballrace

FW331 - Low Lube 50 mm (2") Single Row Ballrace RIGHT/DRIVER SIDE HANDLE

						SINGLE BALLRACE			
Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA	
FW331LS4	1050 x 1016 x 16	D	D2	240	319	210	16641	060102	
FW331TS4	1050 x 1016 x 16	D	D2	262	321	210	16641	060102	
FW331AS4	1050 x 1016 x 16	D	D2	295	336	210	16641	060102	
FW331LS5	1050 x 1016 x 20	D	D2	244	345	210	16641	060102	
FW331TS5	1050 x 1016 x 20	D	D2	266	347	210	16641	060102	
FW331AS5	1050 x 1016 x 20	D	D2	299	362	210	16641	060102	

FW331 - Low Lube 50 mm (2") Heavy Duty Double Row Ballrace RIGHT/DRIVER SIDE HANDLE

						DOUBLE BALLRACE			
Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA	
FW331LD4	1050 x 1016 x 16	D	D2	270	342	210	16627	060102	
FW331TD4	1050 x 1016 x 16	D	D2	292	344	210	16627	060102	
FW331AD4	1050 x 1016 x 16	D	D2	325	359	210	16627	060102	
FW331LD5	1050 x 1016 x 20	D	D2	274	368	210	16627	060102	
FW331TD5	1050 x 1016 x 20	D	D2	296	370	210	16627	060102	
FW331AD5	1050 x 1016 x 20	D	D2	329	385	210	16627	060102	



FW331
Double Row Ballrace

FW Series Ballrace

Part Number	Description	Drilled	Height mm	Weight kg	D Rating kN
SR601000	16t Single Row Ballrace	Undrilled	60	68	210
SR601000D	16t Single Row Ballrace	Drilled	60	68	210
DR901000	30t Heavy Duty Double Row Ballrace	Undrilled	90	91	270
DR901000D	30t Heavy Duty Double Row Ballrace	Drilled	90	91	270



Single Row Ballrace

FW Series Ballrace Mounting Bolts

Part Number	Description	Quantity
BKSR12	Bolt Kit Suit S/Row B/Race on 12mm Plate	
XBM16240	Bolt HT Hh M16x40x2	12
XB12F112	1/2INUNF x 1-1/2IN HTh Bolt	6
XB12FCSK112	CSK HD Screw 1/2INUNFx1-1/2IN	4
XB122CL	Nut M16 cone lock 12mm high	12
XBT69B	1/2 inch Cone Lock Nut	10
BKSR16	Bolt Kit for S/Row Ballrace 12xM16x40 bolts-M16Nuts (feet) 10x1-3/4" bolts&1/2" Nut-Plate	
XB12FCSK134	CSK HD Screw 1/2IN UNFx1-3/4IN	4
XB1021	Bolt HT 0.5IN-20 x1.75IN Long	6
XB122CL	Nut M16 cone lock 12mm high	12
XBT69B	1/2 inch Cone Lock Nut	10
XBM16240	Bolt HT Hh M16x40x2	12
BKDR20	Bolt Kit suit Double Row Ballrace on 20mm plate	
LOK3KIT	Lockout Kit - Single Ballrace SR601000 & Drilled Ballrace	
LOK4KIT	Lockout Kit To Suit DR90/1000 Ballrace	

Bolt kit 2501508 is supplied with all assemblies – Qty 12 – 3/4 x 2 1/2 UNF bolts and nyloc nuts.

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



FW331
Fixed Mount Kompensator

FW331 - LowLube 50 mm (2") Fixed Mount Kompensator RIGHT/DRIVER SIDE HANDLE

Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW331K	Wing 760 x 200 x 12	D	D2	249	243	163	16629	060054
FW331KP	Flat 1050 x 660 x 12	D	D2	249	268	163	16628	060054
FW331KP6	Flat 1050 x 660 x 16	D	D2	253	286	163	16628	060054
FW331KP7	Flat 1050 x 660 x 20	D	D2	257	303	163	16628	060054



FW331
Single Row
Ballrace Kompensator

FW331 - Low Lube 50 mm (2") Single Row Ballrace Kompensator RIGHT/DRIVER SIDE HANDLE

SINGLE BALLRACE

Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW331KS4	1050 x 1016 x 16	D	D2	300	429	163	16640	060054
FW331KS5	1050 x 1016 x 20	D	D2	304	455	163	16640	060054



FW331
Double Row
Ballrace Kompensator

FW331 - Low Lube 50 mm (2") Double Row Ballrace Kompensator RIGHT/DRIVER SIDE HANDLE

DOUBLE BALLRACE

Part No.	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW331KD4	1050 x 1016 x 16	D	D2	330	452	163	16636	060054
FW331KD5	1050 x 1016 x 20	D	D2	334	478	163	16636	060054

Kompensator allows 5 degrees of oscillation either side of vertical centre line.
Centre of gravity not to exceed 1120 mm above fifth wheel top plate surface.
MAN 883mm drilled base plates available on request.

Bolt kit 2501508 is supplied with all assemblies – Qty 12 – ¾ x 2½ UNF bolts and nyloc nuts.

Note: Not suitable for Livestock application.
Special colour coded finishes and fitment are available on request.

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/02



FW331
ILS Lightweight Slider

FW331 - Low Lube 50 mm (2") ILS 1043mm Slider RIGHT/DRIVER SIDE HANDLE

Part No.	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW33112US	610	1135 x 1043	182	224	151	40062	040062
FW33113US	915	1440 x 1043	182	238	151	40062	040062
FW33122US	610	1135 x 1043	207	227	151	40062	040062
FW33123US	915	1440 x 1043	207	240	151	40062	040062
FW33132US	610	1135 x 1043	231	228	151	40062	040062
FW33133US	915	1440 x 1043	231	242	151	40062	040062

Drilled base plates available on request.



FW331
ILS Lightweight Slider

FW331 - Low Lube 50 mm (2") ILS 1043mm Slider Suits USA Vehicles – 952mm Drill Pattern RIGHT/DRIVER SIDE HANDLE

SUITS USA VEHICLES
952mm Drill Pattern

Part No.	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW33112USD	610	1135 x 1043	182	224	151	40062	040062
FW33113USD	915	1440 x 1043	182	238	151	40062	040062
FW33122USD	610	1135 x 1043	207	227	151	40062	040062
FW33123USD	915	1440 x 1043	207	240	151	40062	040062
FW33132USD	610	1135 x 1043	231	228	151	40062	040062
FW33133USD	915	1440 x 1043	231	242	151	40062	040062



FW331
ILS Lightweight Slider

FW331 - Low Lube 50 mm (2") ILS 993mm Slider RIGHT/DRIVER SIDE HANDLE

Part No.	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW33112	610	1135 x 993	182	219	151	40062	040062
FW33113	915	1440 x 993	182	232	151	40062	040062
FW33122	610	1135 x 993	207	221	151	40062	040062
FW33123	915	1440 x 993	207	235	151	40062	040062
FW33132	610	1135 x 993	231	223	151	40062	040062
FW33133	915	1440 x 993	231	236	151	40062	040062

Drilled base plates available on request.



FW331
ILS Lightweight Slider

FW331 - Low Lube 50 mm (2") ILS 993mm Slider Suits European Vehicles – 880mm Drill Pattern RIGHT/DRIVER SIDE HANDLE

SUITS EUROPEAN VEHICLES
880mm Drill Pattern

Part No.	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN	CTA
FW33112D2	610	1135 x 993	182	219	151	40062	040062
FW331122D2	610	1135 x 993	207	221	151	40062	040062
FW331132D2	610	1135 x 993	231	223	151	40062	040062

Bolt kit 2501508 is supplied with all assemblies – Qty 12 – ¾ x 2½ UNF bolts and nyloc nuts.

Note: Not suitable for Livestock application.
Special colour coded finishes and fitment are available on request.

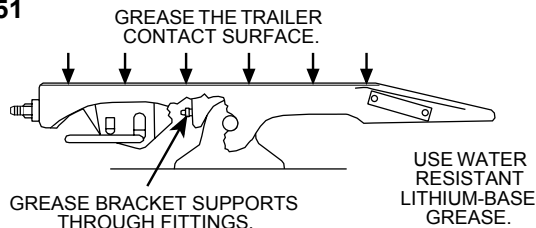
Holland Fifth Wheel Maintenance Procedures

Pro-Hitch 351
Lowlube 331

WARNING: You must read and understand the following instructions before operating your fifth wheel. Failure to follow all of the important maintenance procedures contained in these instructions may result in a hazardous condition or cause a hazardous condition to develop. All maintenance must be performed by a qualified person using proper tools and safe procedures. All maintenance must be performed while the truck is uncoupled from the trailer.

AS-NEEDED LUBRICATION:

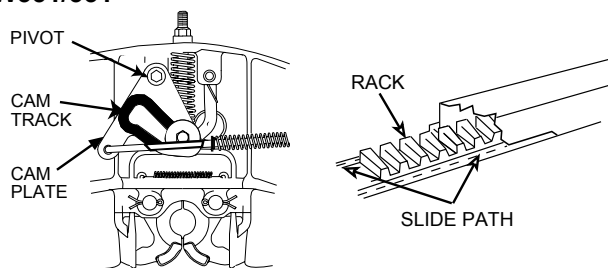
FW351



FW331



FW351/331



Lubricate the cam track and pivot with a light oil or diesel oil.

On sliding fifth wheels, spray a light oil or diesel oil on the rack and slide path.

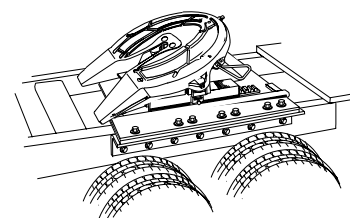
WARNING: Do not use any fifth wheel which does not operate properly. If your fifth does not operate properly, contact your nearest SAF-HOLLAND representative for assistance.

REQUIRED INSPECTIONS AND ADJUSTMENTS:

Perform the following every 3 months or 50,000kms whichever comes first. Thoroughly steam clean all components before inspecting or adjusting.

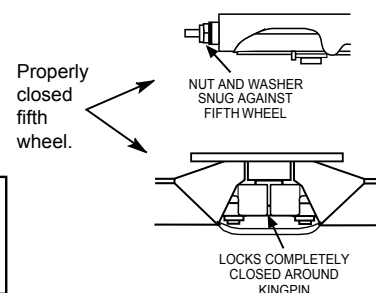
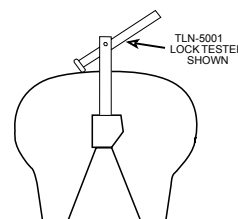
General Fifth Wheel Inspection:

1. Inspect fifth wheel mounting and fifth wheel assembly.
 - Check fastener torque
 - Replace missing or damaged bolts
 - Replace bent, worn or broken parts (Use only genuine SAF-HOLLAND parts.)



INSPECTION - LOCKING MECHANISM:

Verify operation by opening and closing locks with Holland Kingpin Lock Tester model no. TLN-5001.



FW331 Spare Part Kits



Kit Part No.	Description	Qty	Item
RK351A	FW351 & 331 Full Rebuild Kit	1-29	

RK35504	Mini Rebuild Kit, includes Foot Pins & Bushes	1	3, 4, 11, 18
		2	1, 2, 2A, 22, 30, 31, 32

RK35504THK	Mini Rebuild Kit, Thick Yoke	1	3, 4, 11, 18, 31
		2	1, 2, 2A, 22, 30, 32

RK35503A	Jaw Replacement Kit, c/w Yoke	1	3, 4, 11, 18
		2	1, 2, 2A

RK0729282	Lock Pin Replacement Set	2	1, 2, 2A
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RK06356	Foot pins for XA351EA and XA331EA for truck appl. 29mm – Qty 2 – Wing Nut & bolt supplied	2	22, 30, 31
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RK2016AU	Foot pins for XA351EB and XA331EB for trailer appl. 29mm – Qty 2 – Pin bolt and nut supplied	2	37, 38
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RK16045P	FW351 & 331 Nylon Bush Pack (2) – 107x70x29mm	2	32
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RK16045J	FW351 & 331 Rubber Bush Pack (2) – 107x70x29mm	2	35
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RK3542R	Secondary Lock Replacement Kit	1	12, 13, 14
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RK35112415R	Right hand Yoke/Shaft/Cam Kit – suits XA351 & XA331 Right hand handle tops	1	9, 10, 11, 21
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RK35112415L	Left hand Yoke/Shaft/Cam Kit – suits if left hand handle conversion only	1	9, 10, 11, 21
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RK35112415L80	Left hand B Double Yoke/Shaft/Cam Kit	1	9, 10, 11, 21
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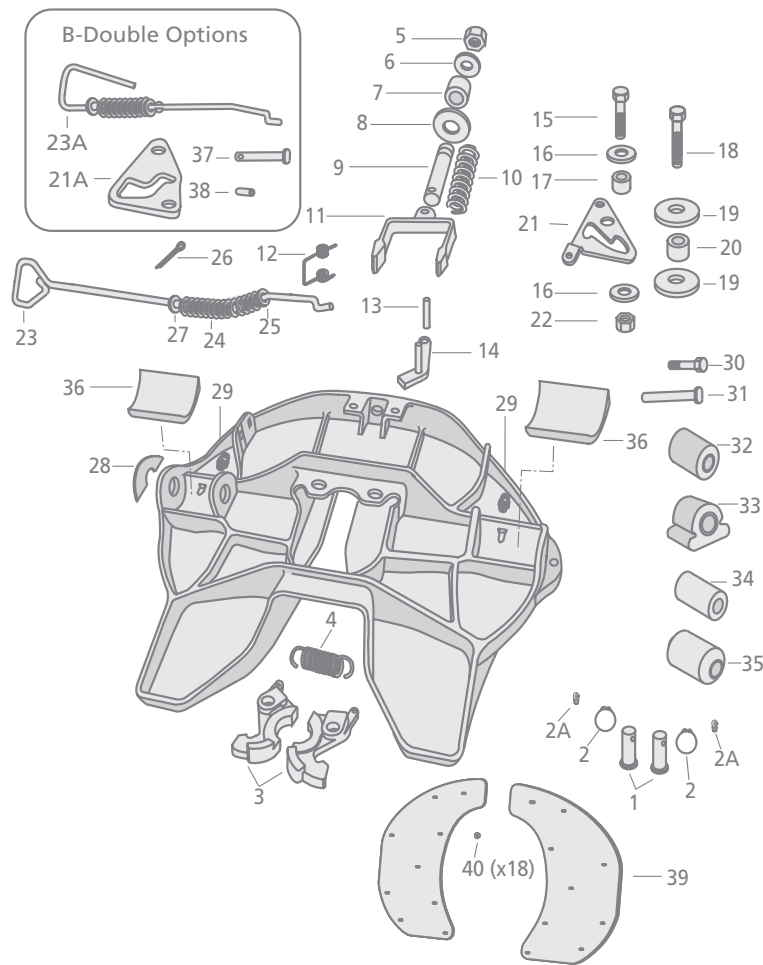
RK07150R	Cam Plate Kit	1	15, 17, 18, 20, 21, 22
		2	16, 19

RK071511	Release Handle Kit	1	23, 24, 25, 26, 27
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RK3311	Lube Plate Kit	1	39
		18	40

RK10210	Insert Pair Plastic Pocket	2	36
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Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1*	XA0729282	Lock Pin	2	21*	XA07150R	Cam Plate, Right-hand	1
2	XB07398	Circlip	2		XA07150L	Cam Plate, Left-hand (optional)	1
2A	XBH38A	Grease Nipple 90°	2	21A	XA1705	Cam Plate, B-Double	1
3*	XA07296	Lock Jaw Set	1	22	XBT69A	Locknut (1/2"-20)	2
4*	XB07628	Extension Spring	1	23*	XA071511	Release Handle	1
5	XBHNNH34F	Locknut (3/4" 16)	1	23A*	RKS02104	Release Handle Assembly, B-Double	1
6*	XBPW1316112	Washer (1 1/2" O.D. x 13/16" I.D.)	1	24	XB07291	Compression Spring	1
7*	XB1127	Rubber Washer	1	25	XBPW17321116	Washer (1-1/16" O.D. x 9/16" I.D.)	1
8*	XB02312	Lock Adjustment	1	26*	XB07508	Cotter Pin (1/8" x 1-1/4")	1
9*	XA1706	Yoke Shaft	1	27	XBT49	Washer (1-3/8" O.D. x 9/16" I.D.)	1
10*	XB1505	Compression Spring	1	28	XB07610	Operation Tag	1
11*	XA07295	Yoke	1	29	XBH38	Grease Nipple 90°	2
	XA07295THK	Yoke, Thick (optional)		30	XBC95	Hex Head Cap Screw (1/2"-20 x 1-1/4")	2
12*	XB2149	Torsion Spring	1	31*	RK06356	Foot Pin	2
13	XB21S5002750	Roll Pin (1/2" x 2-3/4")	1	32*	RK16045P	Foot Bush, Poly	2
14*	XA3542R	Secondary Lock, Right-hand	1	33	XB00113	Foot Bush, Slider Bracket Only	2
	XA3542L	Secondary Lock, Left-hand (optional)	1	34*	RK0011P	Foot Bush, Poly, Komp	2
15	XB1021	Hex Head Cap Screw (1/2"-20 x 1-3/4")	1	35*	RK16045J	Foot Bush, Poly, Compression	2
16*	XB08559	Washer (1-3/4" O.D. x 9/16" I.D.)	2	36*	RK10210	Insert pocket	2
17*	XA1029	Roller (1/2" I.D.)	1	37*	RK2016AU	Foot Pin	2
18	XBCX58F134	Hex Head Cap Screw (5/8"-18 x 1-3/4")	1	38*	XB21S3751750	Roll Pin	2
19*	XB07431	Washer (2-5/8" x 21/32")	2	39*	RK3311	Lube Plate Kit	1
20*	XA1507	Roller (5/8" I.D.)	1	40*	XB08931	Lock Nut 5/16"-18	18

* Only available as part of a kit.

FW70D - 50 mm



HEAVY DUTY

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/01



FW70D

FW70 LEFT/KERB SIDE HANDLE

TOP ONLY

Part Number	Description	Kingpin mm	D Rating kN
FW70D	Top only with 38mm foot pins	50	240



FW70
Top Plate with feet

FW70 - 50 mm (2") LEFT/KERB SIDE HANDLE

FEET & TOP ONLY

Part Number	Foot Type	Height mm	Weight kg	D Rating kN	CRN
FW70DL*	HL	143	163	240	16755
FW70DT*	HT	165	169	240	16755
FW70DF*	HF	190	171	240	16755
FW70DA*	HA	198	172	240	16755
FW70DG	HG	214	172	240	16755
FW70DX	HX	232	176	240	16755

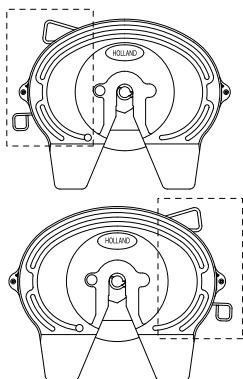


FW70
Fixed Mount

FW70 - 50 mm (2") Fixed Mount LEFT/KERB SIDE HANDLE

FULL ASSEMBLY

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW70DL2	1050 x 660 x 16	D	D2	159	237	240	16642
FW70DT2	1050 x 660 x 16	D	D2	181	243	240	16642
FW70DF2	1050 x 660 x 16	D	D2	206	245	240	16642
FW70DA2	1050 x 660 x 16	D	D2	214	246	240	16642
FW70DG2	1050 x 660 x 16	D	D2	230	246	240	16642
FW70DX2	1050 x 660 x 16	D	D2	248	250	240	16642
FW70DL3	1050 x 660 x 20	D	D2	163	253	240	16647
FW70DT3	1050 x 660 x 20	D	D2	185	259	240	16647
FW70DF3	1050 x 660 x 20	D	D2	210	261	240	16647
FW70DA3	1050 x 660 x 20	D	D2	218	262	240	16647
FW70DG3	1050 x 660 x 20	D	D2	234	262	240	16647
FW70DX3	1050 x 660 x 20	D	D2	252	266	240	16647



Handle Options

RH Release Handle

When ordering a "RH Release handle option, add suffix "R" to the fifth wheel part number. eg: FW70DTR. This attracts the same CRN and number as the standard LH Release models.



FW70D - 50 mm

HEAVY DUTY

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/01

FW70 - 50 mm (2") Single Row Ballrace LEFT/KERB SIDE HANDLE



FW70
Single Row Ballrace

SINGLE BALLRACE							
Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW70DLS4	1050 x 1016 x 16	D	D2	231	358	210	16645
FW70DTS4	1050 x 1016 x 16	D	D2	253	360	210	16645
FW70DLS5	1050 x 1016 x 20	D	D2	235	384	210	16645
FW70DTS5	1050 x 1016 x 20	D	D2	257	386	210	16645

FW70 - 50 mm (2") Double Row Ballrace LEFT/KERB SIDE HANDLE



FW70
Double Row Ballrace

DOUBLE BALLRACE							
Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW70DLD4	1050 x 1016 x 16	D	D2	261	381	240	16644
FW70DTD4	1050 x 1016 x 16	D	D2	283	383	240	16644
FW70DLD5	1050 x 1016 x 20	D	D2	265	407	240	16644
FW70DTD5	1050 x 1016 x 20	D	D2	287	409	240	16644

FW70 - 50 mm (2") Heavy Duty Fixed Slider LEFT/KERB SIDE HANDLE



FW70
Fixed Mount Slider

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS70DL	700	2400 x 1100	195	433	240	36513
FWS70DT	700	2400 x 1100	217	439	240	36513
FWS70DF	700	2400 x 1100	242	441	240	36513
FWS70DA	700	2400 x 1100	250	442	240	36513
FWS70DX	700	2400 x 1100	284	446	240	36513

FW70 - 50 mm (2") Heavy Duty Single Row Ballrace Slider LEFT/KERB SIDE HANDLE



FW70
Heavy Duty Ballrace Slider

SINGLE BALLRACE						
Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS70DLS	700	2400 x 1100	255	527	210	36513
FWS70DTS	700	2400 x 1100	277	533	210	36513

FW70 - 50 mm (2") Heavy Duty Double Row Ballrace Slider LEFT/KERB SIDE HANDLE



FW70
Heavy Duty Ballrace Slider

DOUBLE BALLRACE						
Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS70DLD	700	2400 x 1100	285	550	240	36513
FWS70DTD	700	2400 x 1100	307	556	240	36513

FW700 - 90 mm



HEAVY DUTY

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/01



FW700

FW70 LEFT/KERB SIDE HANDLE

		TOP ONLY	
Part Number	Description	Kingpin mm	D Rating kN
FW700	Top only with 38mm foot pins	90	270



FW70
Top Plate with feet

FW70 - 90 mm (3.5") LEFT/KERB SIDE HANDLE

		FEET & TOP ONLY			
Part Number	Foot Type	Height mm	Weight kg	D Rating kN	CRN
FW70OL*	HL	143	163	270	16756
FW70OT*	HT	165	169	270	16756
FW70OF*	HF	190	171	270	16756
FW70OA*	HA	198	172	270	16756
FW70OG	HG	214	172	270	16756
FW70OX	HX	232	176	270	16756

*Restricted Angle of Pitch - Base plates for the fifth wheels above must have cut outs to allow for the minimum 8 degrees fore & aft oscillation. Cut out dimensions available on request.



FW70
Fixed Mount

FW70 - 90 mm (3.5") Fixed Mount LEFT/KERB SIDE HANDLE

		FULL ASSEMBLY					
Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW70OL2	1050 x 660 x 16	D	D2	159	237	270	16653
FW70OT2	1050 x 660 x 16	D	D2	181	243	270	16653
FW70OF2	1050 x 660 x 16	D	D2	206	245	270	16653
FW70OA2	1050 x 660 x 16	D	D2	214	246	270	16653
FW70OG2	1050 x 660 x 16	D	D2	230	246	270	16653
FW70OX2	1050 x 660 x 16	D	D2	248	250	270	16653
FW70OL3	1050 x 660 x 20	D	D2	163	253	270	16660
FW70OT3	1050 x 660 x 20	D	D2	185	259	270	16660
FW70OF3	1050 x 660 x 20	D	D2	210	261	270	16660
FW70OA3	1050 x 660 x 20	D	D2	218	262	270	16660
FW70OG3	1050 x 660 x 20	D	D2	234	262	270	16660
FW70OX3	1050 x 660 x 20	D	D2	252	266	270	16660



FW700 - 90 mm

HEAVY DUTY

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/01



FW70
Single Row Ballrace

FW70 - 90 mm (3.5") Single Row Ballrace LEFT/KERB SIDE HANDLE

SINGLE BALLRACE

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW70OLS4	1050 x 1016 x 16	D	D2	231	358	210	16664
FW70OTS4	1050 x 1016 x 16	D	D2	253	360	210	16664
FW70OLS5	1050 x 1016 x 20	D	D2	235	384	210	16664
FW70OTS5	1050 x 1016 x 20	D	D2	257	386	210	16664



FW70
Double Row Ballrace

FW70 - 90 mm (3.5") Double Row Ballrace LEFT/KERB SIDE HANDLE

DOUBLE BALLRACE

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW70OLD4	1050 x 1016 x 16	D	D2	261	381	270	16661
FW70OTD4	1050 x 1016 x 16	D	D2	283	383	270	16661
FW70OLD5	1050 x 1016 x 20	D	D2	265	407	270	16661
FW70OTD5	1050 x 1016 x 20	D	D2	287	409	270	16661

FW70 - 90 mm (3.5") Heavy Duty Fixed Slider LEFT/KERB SIDE HANDLE



FW70
Fixed Mount Slider

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS70OL	700	2400 x 1100	195	433	270	36513
FWS70OT	700	2400 x 1100	217	439	270	36513
FWS70OF	700	2400 x 1100	242	441	270	36513
FWS70OA	700	2400 x 1100	250	442	270	36513
FWS70OX	700	2400 x 1100	284	446	270	36513



FW70
Heavy Duty Ballrace Slider

FW70 - 90 mm (3.5") Heavy Duty Single Row Ballrace Slider LEFT/KERB SIDE HANDLE

SINGLE BALLRACE

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS70OLS	700	2400 x 1100	255	527	210	36513
FWS70OTS	700	2400 x 1100	277	533	210	36513



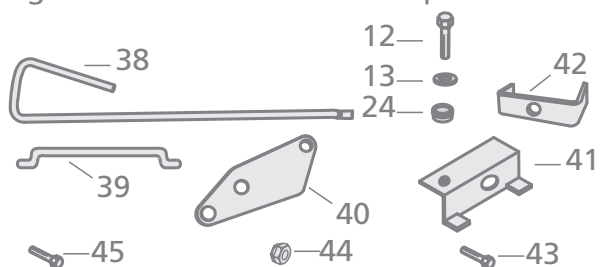
FW70
Heavy Duty Ballrace Slider

FW70 - 90 mm (3.5") Heavy Duty Double Row Ballrace Slider LEFT/KERB SIDE HANDLE

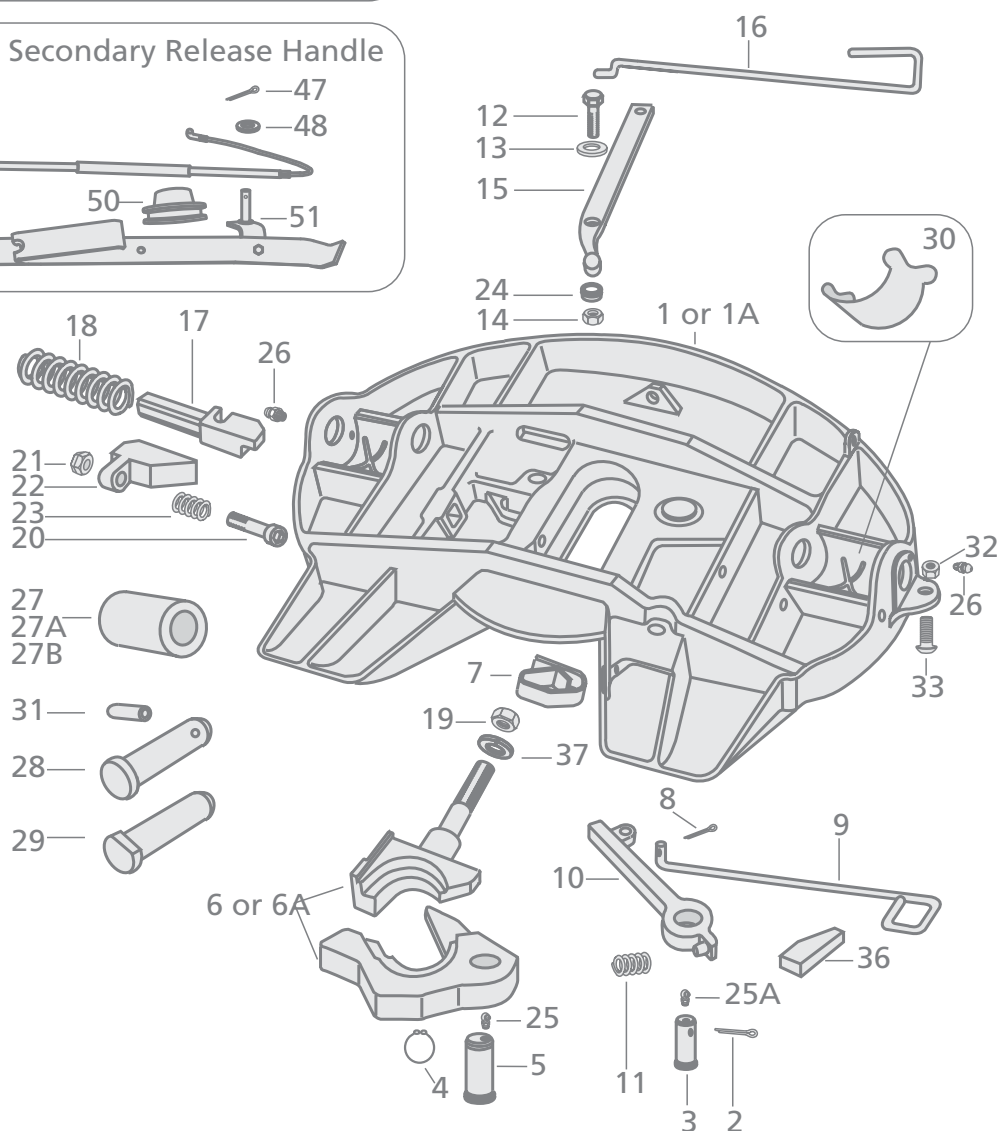
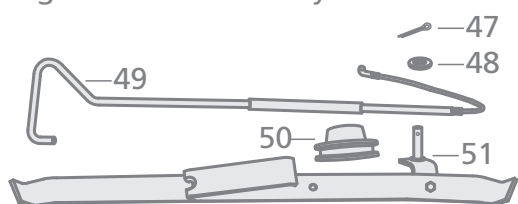
DOUBLE BALLRACE

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS70OLD	700	2400 x 1100	285	550	270	36513
FWS70OTD	700	2400 x 1100	307	556	270	36513

Right Hand Release Handle Option



46 Right Hand Secondary Release Handle



FW70 Spare Part Kits



Kit Part No.	Description	Qty	Item
RK65014	FW70 Rebuild Kit, 50 mm (2") Top Plate	1	2-25A, 37
RK65015	FW70 Rebuild Kit, 90 mm (3.5") Top Plate	1	2-25A, 37
RK1040 A	FW70 90 mm (3.5") Lock Set	1	4, 5, 6A, 19, 25, 37
RK104D A	FW70 50 mm (2") Lock Set	1	4, 5, 6, 19, 25, 37
RK65024	FW70 50 mm (2") Lock Set Kit	1	6, 10, 36, 37
RK650241	FW70 90 mm (3.5") Lock Set Kit	1	6A, 10, 36, 37
RK02759	Pin Pack (2) – 38mm Pin Pack to suit FW70 & FW72 Tops	2	29, 32, 33
RK16049AP	Nylon Bush Pack (2) to suit FW70 & FW72 Foot Pins – 38mm Inside Diam.	2	27

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	FW70D	Top Plate, 50 mm Kingpin	1	25	XBH38A	Grease Nipple 90°	1
1A	FW70O	Top Plate, 90 mm Kingpin	1	25A	XB767C	Grease Nipple 90°	1
2	XBT60	Cotter Pin 1/4" x 2 1/2"	1	26	XBH38	Grease Nipple	2
3	XA1016C	Lock Pin	1	30	DOGBONE	Wear Pads - pair (optional)	1
7	XAFW128	Spring	1	31	XB21S5002750	Roll Pin 1/2" x 2 3/4"	2
9	XAFW78	Secondary Lock Release Handle	1	32	XBT69A	Hex Lock Nut	2
10	XAFW1372	Secondary Lock Arm	1	36+	XA05768	Adjusting Block	1
11	XB10282	Spring	1	37	XB10327	Lock Washer, 1"	1
12	XB1021	Hex Head Cap Screw (1/2"-20 x 1 3/4")	1	38	XA071001	RH Release Handle	1
13	XBT49	Plain Washer	2	39	XA071002	Linkage Bar	1
14	XBT69A	Hex Lock Nut	1	40	XA071003	Cam Plate	1
15	XA1005FH	Release Lever	1	41	XA071004	Bracket Cam Plate	1
16	XA1117H	Release Handle	1	42	XA071006	Retainer, Cable	1
17	XA1104	Plunger	1	43	XB14F114	Bolt 1/4" x 1 1/4"	2
18	XB1007	Compression Spring	1	44	XBHNNH14F	Nut Nyloc 1/4"	2
19	XB04473	Jam Nut 1" - 14	1	45	FSP5323	Bolt 5/16" x 3/4"	1
20	XBCS58C312	Socket Head Cap Screw	1	46	XA071RS	RH Secondary Release Handle Assy	1
21	XBHNNH58C	Lock Nut 5/8" - 11	1	49	XB2100637	Handle & Cable Assy	1
22	XD31231	Adjusting Wedge	1	50	XB2100629	Pulley	1
23	XB403	Compression Spring	1	51	XB2100633	Frame Assy	1
24	XB02949	Bushing	1				

FW72D - 50 mm



HEAVY DUTY

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/01



FW72

FW72 LEFT/KERB SIDE HANDLE

Part Number	Description	Kingpin mm	TOP ONLY
			D Rating kN
FW72D	Top only with 38mm foot pins	50	240

FW72 - Low Lube 50 mm (2") LEFT/KERB SIDE HANDLE

Part Number	Foot Type	Height mm	Weight kg	D Rating kN	CRN
FW72DL*	HL	146	163	240	16755
FW72DT*	HT	168	169	240	16755
FW72DF*	HF	193	171	240	16755
FW72DA*	HA	201	172	240	16755
FW72DG	HG	217	172	240	16755
FW72DX	HX	235	176	240	16755



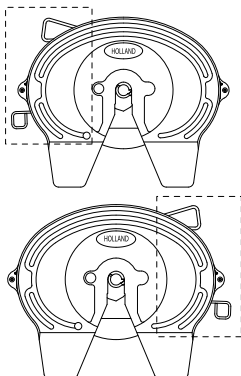
FW72
Top Plate with feet

FW72 - Low Lube 50 mm (2") Fixed Mount LEFT/KERB SIDE HANDLE

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW72DL2	1050 x 660 x 16	D	D2	162	237	240	16642
FW72DT2	1050 x 660 x 16	D	D2	184	243	240	16642
FW72DF2	1050 x 660 x 16	D	D2	209	245	240	16642
FW72DA2	1050 x 660 x 16	D	D2	217	246	240	16642
FW72DG2	1050 x 660 x 16	D	D2	233	246	240	16642
FW72DX2	1050 x 660 x 16	D	D2	251	250	240	16642
FW72DL3	1050 x 660 x 20	D	D2	166	253	240	16647
FW72DT3	1050 x 660 x 20	D	D2	188	259	240	16647
FW72DF3	1050 x 660 x 20	D	D2	213	261	240	16647
FW72DA3	1050 x 660 x 20	D	D2	221	262	240	16647
FW72DG3	1050 x 660 x 20	D	D2	237	262	240	16647
FW72DX3	1050 x 660 x 20	D	D2	255	266	240	16647



FW72
Fixed Mount



Handle Options

RH Release Handle

When ordering a "RH Release handle option, add suffix "R" to the fifth wheel part number. eg: FW72DTR. This attracts the same CRN and number as the standard LH Release models.

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/01

FW72 - Low Lube 50 mm (2") Single Row Ballrace LEFT/KERB SIDE HANDLE

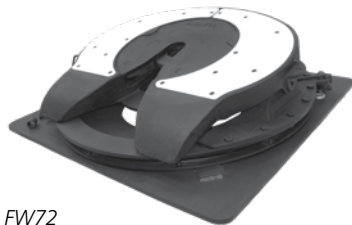


FW72
Single Row Ballrace

SINGLE BALLRACE

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW72DLS4	1050 x 1016 x 16	D	D2	234	358	210	16645
FW72DTS4	1050 x 1016 x 16	D	D2	256	360	210	16645
FW72DLS5	1050 x 1016 x 20	D	D2	238	384	210	16645
FW72DTS5	1050 x 1016 x 20	D	D2	260	386	210	16645

FW72 - Low Lube 50 mm (2") Double Row Ballrace LEFT/KERB SIDE HANDLE

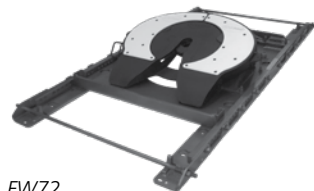


FW72
Double Row Ballrace

DOUBLE BALLRACE

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW72DLD4	1050 x 1016 x 16	D	D2	264	381	240	16644
FW72DTD4	1050 x 1016 x 16	D	D2	286	383	240	16644
FW72DLD5	1050 x 1016 x 20	D	D2	268	407	240	16644
FW72DTD5	1050 x 1016 x 20	D	D2	290	409	240	16644

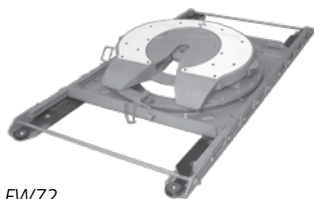
FW72 - Low Lube 50 mm (2") Heavy Duty Fixed Slider LEFT/KERB SIDE HANDLE



FW72
Fixed Mount Slider

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS72DL	700	2400 x 1100	198	433	240	36513
FWS72DT	700	2400 x 1100	220	439	240	36513
FWS72DF	700	2400 x 1100	245	441	240	36513
FWS72DA	700	2400 x 1100	253	442	240	36513
FWS72DX	700	2400 x 1100	287	446	240	36513

FW72 - Low Lube 50 mm (2") Heavy Duty Single Row Ballrace Slider LEFT/KERB SIDE HANDLE

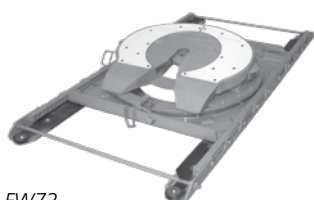


FW72
Heavy Duty Ballrace Slider

SINGLE BALLRACE

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS72DLS	700	2400 x 1100	258	527	210	36513
FWS72DTS	700	2400 x 1100	280	533	210	36513

FW72 - Low Lube 50 mm (2") Heavy Duty Double Row Ballrace Slider LEFT/KERB SIDE HANDLE



FW72
Heavy Duty Ballrace Slider

DOUBLE BALLRACE

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS72DLD	700	2400 x 1100	288	550	240	36513
FWS72DTD	700	2400 x 1100	310	556	240	36513

FW72O - 90 mm



HEAVY DUTY

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/01



FW72

FW72 LEFT/KERB SIDE HANDLE

		TOP ONLY	
Part Number	Description	Kingpin mm	D Rating kN
FW72O	Top only with 38mm foot pins	90	270



FW72
Top Plate with feet

FW72 - Low Lube 90 mm (3.5") LEFT/KERB SIDE HANDLE

Part Number	Foot Type	Height mm	Weight kg	D Rating kN	CRN
FW72OL*	HL	146	163	270	16756
FW72OT*	HT	168	169	270	16756
FW72OF*	HF	193	171	270	16756
FW72OA*	HA	201	172	270	16756
FW72OG	HG	217	172	270	16756
FW72OX	HX	235	176	270	16756

*Restricted Angle of Pitch - Base plates for the fifth wheels above must have cut outs to allow for the minimum 8 degrees fore & aft oscillation. Cut out dimensions available on request.



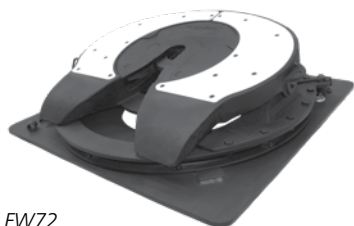
FW72
Fixed Mount

FW72 - Low Lube 90 mm (3.5") Fixed Mount LEFT/KERB SIDE HANDLE

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW72OL2	1050 x 660 x 16	D	D2	162	237	270	16653
FW72OT2	1050 x 660 x 16	D	D2	184	243	270	16653
FW72OF2	1050 x 660 x 16	D	D2	209	245	270	16653
FW72OA2	1050 x 660 x 16	D	D2	217	246	270	16653
FW72OG2	1050 x 660 x 16	D	D2	233	246	270	16653
FW72OX2	1050 x 660 x 16	D	D2	251	250	270	16653
FW72OL3	1050 x 660 x 20	D	D2	166	253	270	16660
FW72OT3	1050 x 660 x 20	D	D2	188	259	270	16660
FW72OF3	1050 x 660 x 20	D	D2	213	261	270	16660
FW72OA3	1050 x 660 x 20	D	D2	221	262	270	16660
FW72OG3	1050 x 660 x 20	D	D2	237	262	270	16660
FW72OX3	1050 x 660 x 20	D	D2	255	266	270	16660

- Cast steel construction
- Tested to AS4968 series under requirements of ADR 62/01

FW72 - Low Lube 90 mm (3.5") Single Row Ballrace LEFT/KERB SIDE HANDLE

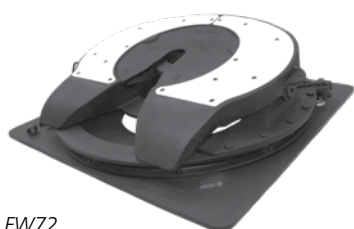


FW72
Single Row Ballrace

SINGLE BALLRACE

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW72OLS4	1050 x 1016 x 16	D	D2	234	358	210	16664
FW72OTS4	1050 x 1016 x 16	D	D2	256	360	210	16664
FW72OLS5	1050 x 1016 x 20	D	D2	238	384	210	16664
FW72OTS5	1050 x 1016 x 20	D	D2	260	386	210	16664

FW72 - Low Lube 90 mm (3.5") Double Row Ballrace LEFT/KERB SIDE HANDLE



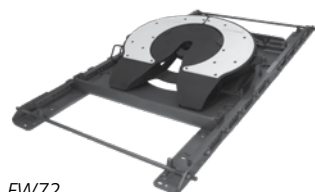
FW72
Double Row Ballrace

DOUBLE BALLRACE

Part Number	Base Plate Dim. mm	952mm	880mm	Height mm	Weight kg	D Rating kN	CRN
FW72OLD4	1050 x 1016 x 16	D	D2	264	381	270	16661
FW72OTD4	1050 x 1016 x 16	D	D2	286	383	270	16661
FW72OLD5	1050 x 1016 x 20	D	D2	268	407	270	16661
FW72OTD5	1050 x 1016 x 20	D	D2	290	409	270	16661

Drilled base plates available on request. Kompensator option available on request.

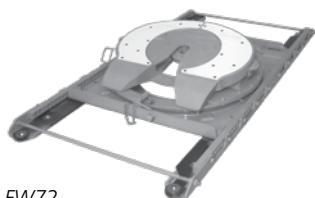
FW72 - Low Lube 90 mm (3.5") Heavy Duty Fixed Slider LEFT/KERB SIDE HANDLE



FW72
Fixed Mount Slider

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS72OL	700	2400 x 1100	198	433	270	36513
FWS72OT	700	2400 x 1100	220	439	270	36513
FWS72OF	700	2400 x 1100	245	441	270	36513
FWS72OA	700	2400 x 1100	253	442	270	36513
FWS72OX	700	2400 x 1100	287	446	270	36513

FW72 - Low Lube 90 mm (3.5") Heavy Duty Single Row Ballrace Slider LEFT/KERB SIDE HANDLE

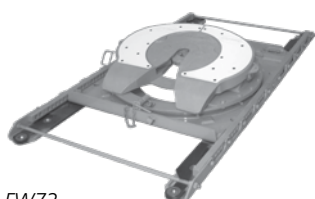


FW72
Heavy Duty Ballrace Slider

SINGLE BALLRACE

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS72OLS	700	2400 x 1100	258	527	210	36513
FWS72OTS	700	2400 x 1100	280	533	210	36513

FW72 - Low Lube 90 mm (3.5") Heavy Duty Double Row Ballrace Slider LEFT/KERB SIDE HANDLE



FW72
Heavy Duty Ballrace Slider

DOUBLE BALLRACE

Part Number	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN	CRN
FWS72OLD	700	2400 x 1100	288	550	270	36513
FWS72OTD	700	2400 x 1100	310	556	270	36513

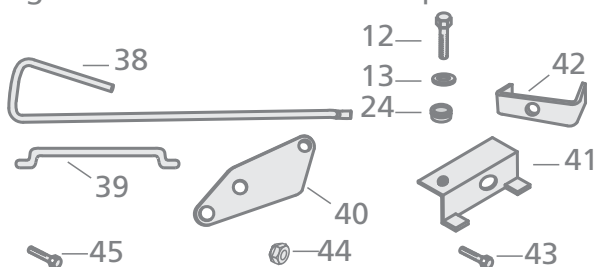
FW72 Spare Part Kits



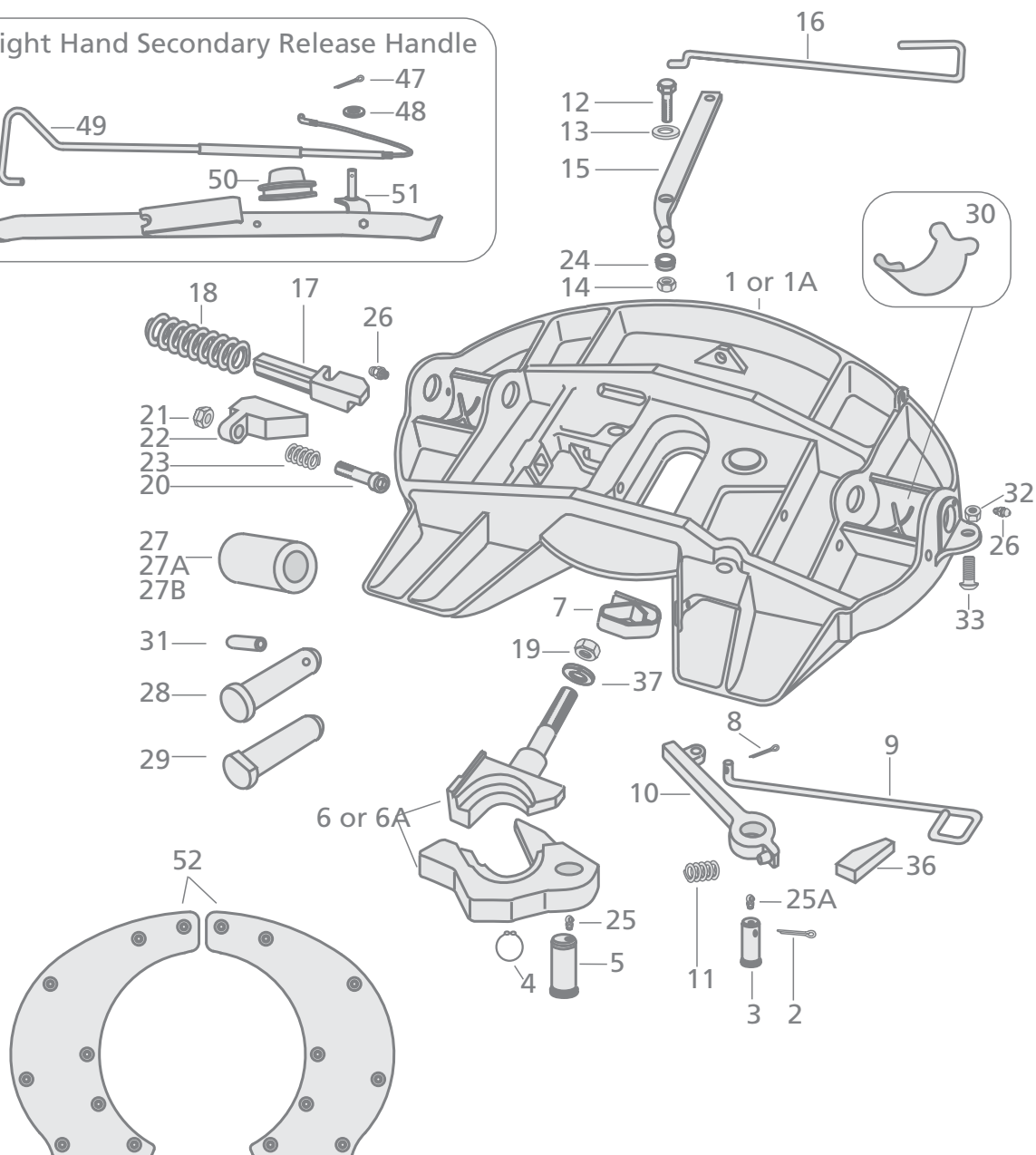
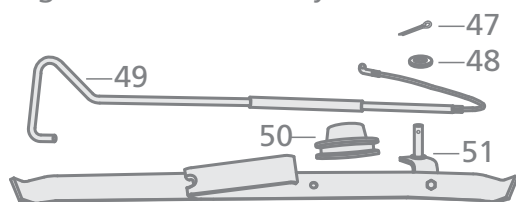
Kit Part No.	Description	Qty	Item
RK65014	FW72 Rebuild Kit, 50 mm (2") Top Plate	1	2-25A, 37
RK65015	FW72 Rebuild Kit, 90 mm (3.5") Top Plate	1	2-25A, 37
RK1040	A FW72 90 mm (3.5") Lock Set	1	4, 5, 6A, 19, 25, 37
RK104D	A FW72 50 mm (2") Lock Set	1	4, 5, 6, 19, 25, 37
RK65024	FW72 50 mm (2") Lock Set Kit	1	6, 10, 36, 37
RK650241	FW72 90 mm (3.5") Lock Set Kit	1	6A, 10, 36, 37
RK02759	Pin Pack (2) – 38mm Pin Pack to suit FW70 & FW72 Tops	2	29, 32, 33
RK16049AP	Nylon Bush Pack (2) to suit FW70 & FW72 Foot Pins – 38mm Inside Diam.	2	27

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
	FW72D	Low Lube Top Plate, 50 mm Kingpin	1	25	XBH38A	Grease Nipple 90°	1
	FW72O	Low Lube Top Plate, 90 mm Kingpin	1	25A	XB767C	Grease Nipple 90°	1
2	XBT60	Cotter Pin 1/4" x 2 1/2"	1	26	XBH38	Grease Nipple	2
3	XA1016C	Lock Pin	1	30	DOGBONE	Wear Pads - pair (optional)	1
7	XAFW128	Spring	1	31	XB2155002750	Roll Pin 1/2" x 2 3/4"	2
9	XAFW78	Secondary Lock Release Handle	1	32	XBT69A	Hex Lock Nut	2
10	XAFW1372	Secondary Lock Arm	1	36+	XA05768	Adjusting Block	1
11	XB10282	Spring	1	37	XB10327	Lock Washer, 1"	1
12	XB1021	Hex Head Cap Screw (1/2"-20 x 1 3/4")	1	38	XA071001	RH Release Handle	1
13	XBT49	Plain Washer	2	39	XA071002	Linkage Bar	1
14	XBT69A	Hex Lock Nut	1	40	XA071003	Cam Plate	1
15	XA1005FH	Release Lever	1	41	XA071004	Bracket Cam Plate	1
16	XA1117H	Release Handle	1	42	XA071006	Retainer, Cable	1
17	XA1104	Plunger	1	43	XB14F114	Bolt 1/4" x 1 1/4"	2
18	XB1007	Compression Spring	1	44	XBHNNH14F	Nut Nyloc 1/4"	2
19	XB04473	Jam Nut 1" - 14	1	45	FSP5323	Bolt 5/16" x 3/4"	1
20	XBCS58C312	Socket Head Cap Screw	1	46	XA071RS	RH Secondary Release Handle Assy	1
21	XBHNNH58C	Lock Nut 5/8" - 11	1	49	XB2100637	Handle & Cable Assy	1
22	XD31231	Adjusting Wedge	1	50	XB2100629	Pulley	1
23	XB403	Compression Spring	1	51	XB2100633	Frame Assy	1
24	XB02949	Bushing	1	52	2501520	Insert Set (Pair) c/w Fixings	1

Right Hand Release Handle Option



46 Right Hand Secondary Release Handle





XA351TT1 - Yardspotter Top Plate One Way Air Cylinder

Part Number Description

XA351TT1 FW351TT Yardspotter Top Plate One way air cylinder.
36 tonne No foot pins – sell RK2016AU.

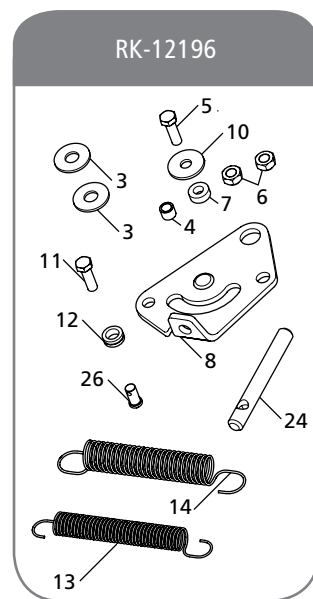
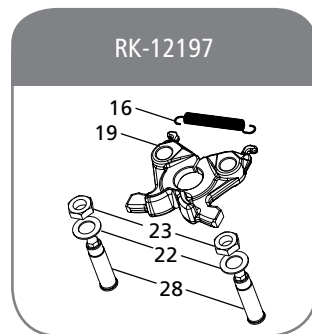
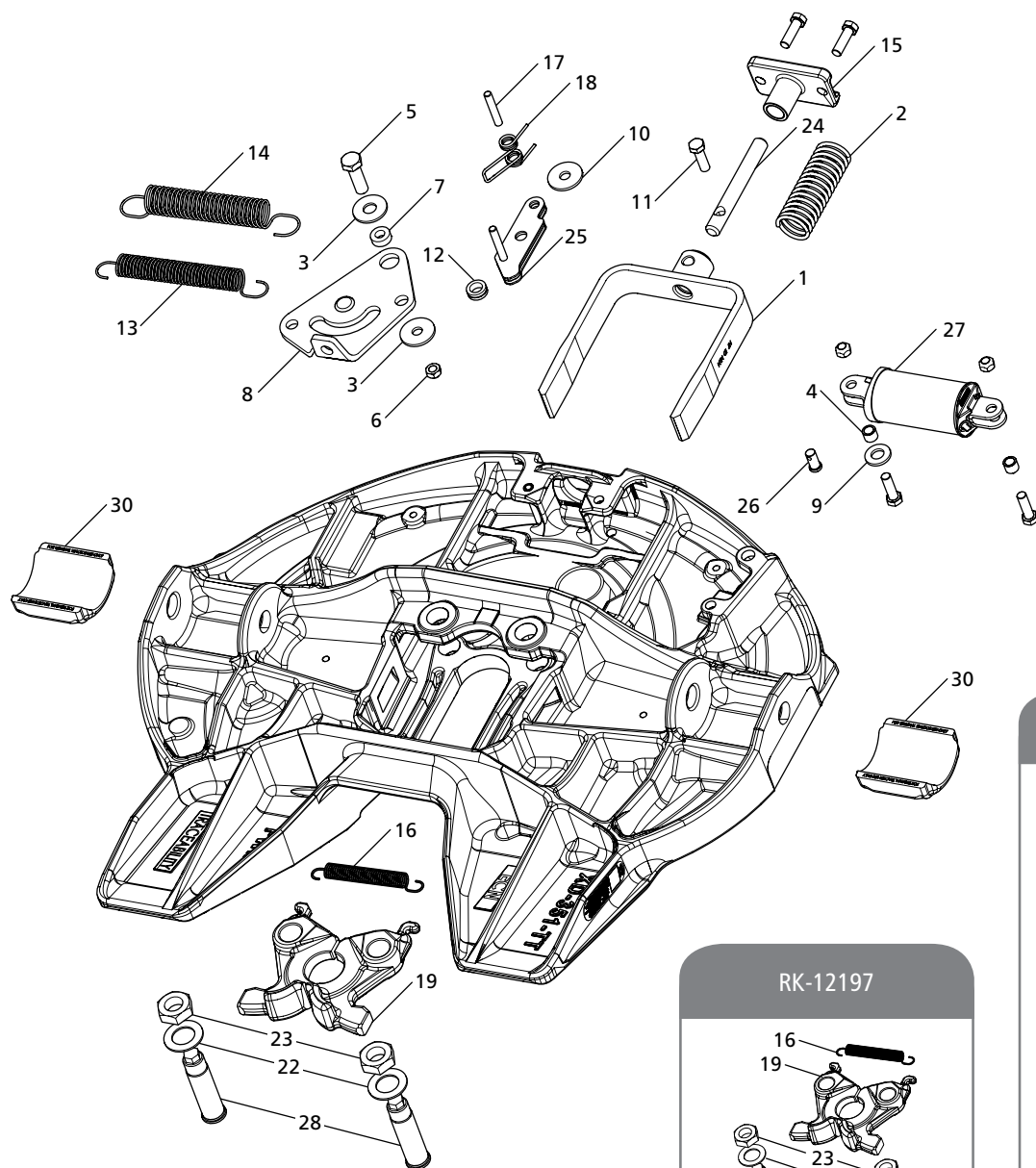
Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	XA12044P	Yoke	1	17	XB2155002750P	Roll Pin 1-1/2" x 2-3/4"	1
2	XB1505P	Yoke Spring	1	18	XB2149P	Torsion Spring	1
3	XB76004	Washer 14mm	2	19	XA083321P	Lock Set	1
4	XA10810P	Bushing	1	20	XA12037P	Bracket Pin	2
5	XBHCSM1240Z	Hex Head Cap Screw M12x1.75x40	5	21	XB12043	Clinch Pin	2
6	XBHLNM12Z	Lock Nut M21	3	22	XB10249	Lock Pin Washer	2
7	XA1029P	Roller	1	23	XB12027	Lock Nut M27 x 3	2
8	XA12036A	Cam Plate S/A	1	24	XA12038ST	Yoke Shaft	1
9	XB06180	Washer 5/8" I.D. x 1-1/4" O.D.	1	25	XA11992TP	Secondary Lock	1
10	XB460	Washer 5/8" I.D. x 1-3/4" O.D.	1	26	XA12039P	Clevis Pin	1
11	XB12049	Yoke Bolt M16 x 2 x 50	1	27	XA12057	Air Cylinder	1
12	XA15071P	Roller	1	28	XA12046P	Lock Pin	2
13	XB10087P	Cam Spring, Inner	1	29	XB02967	Never-Seez® (Not Shown)	1
14	XB10088P	Cam Spring, Outer	1	30	XD12026P	Pocket Insert	2
15	XD12028P	Spring Block	1	Note: Kits available from your local SAF-HOLLAND Distributor.			
16	XB07628P	Lock Spring	1				

PART NUMBER: RK12196

Item	Part No.	Description	Qty
3	XB76004	Washer 14mm	2
4	XA10810P	Bushing	1
5	HBHCSM1240Z	Hex Head Cap Screw M12x1.75x40	4
6	XBHLNM12Z	Lock Nut M12	2
7	XA1029P	Roller	1
8	XA12036A	Cam Plate S/A	1
9	XB06180	Washer 5/8" I.D. x 1-1/4" O.D.	1
10	XB460	Washer 5/8" I.D. x 1-3/4" O.D.	1
11	XB12049	Yoke Bolt M16 x 2 x 50	1
12	XA15071P	Roller	1
13	XB10087P	Cam Spring, Inner	1
14	XB10088P	Cam Spring, Outer	1
24	XA12038ST	Yoke Shaft	1
26	XA12039P	Clevis Pin	1

PART NUMBER: RK12197

Item	Part No.	Description	Qty
16	XB07628P	Lock Spring	1
19	XA083321P	Lock Set	1
22	XB10249	Lock Pin Washer	2
23	XB12027	Lock Nut M27 x 3	2
28	XA12046P	Lock Pin	2
29	XB02967	Never-Seez® (Not Shown)	1





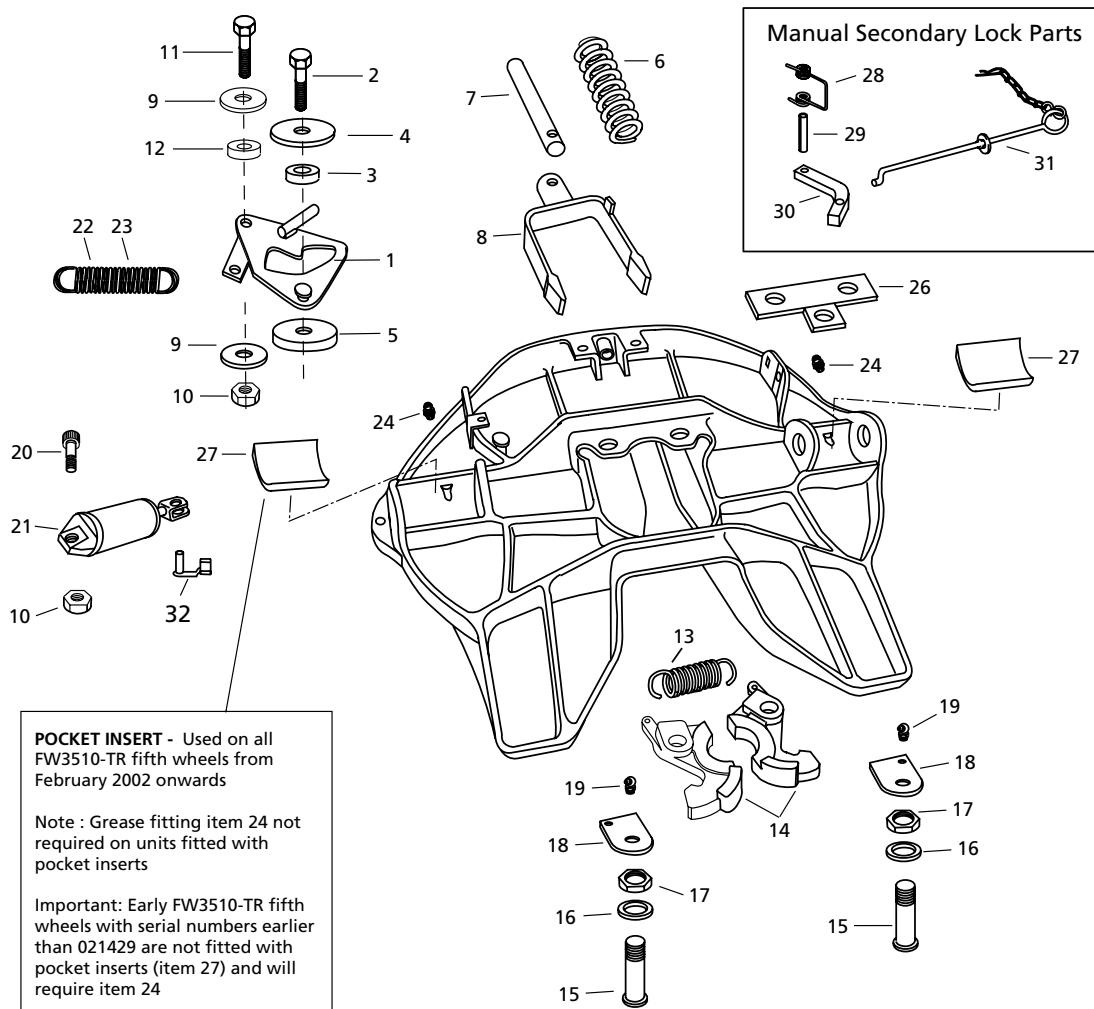
FW3510TR - Terberg Top Plate Assembly

Part Number Description

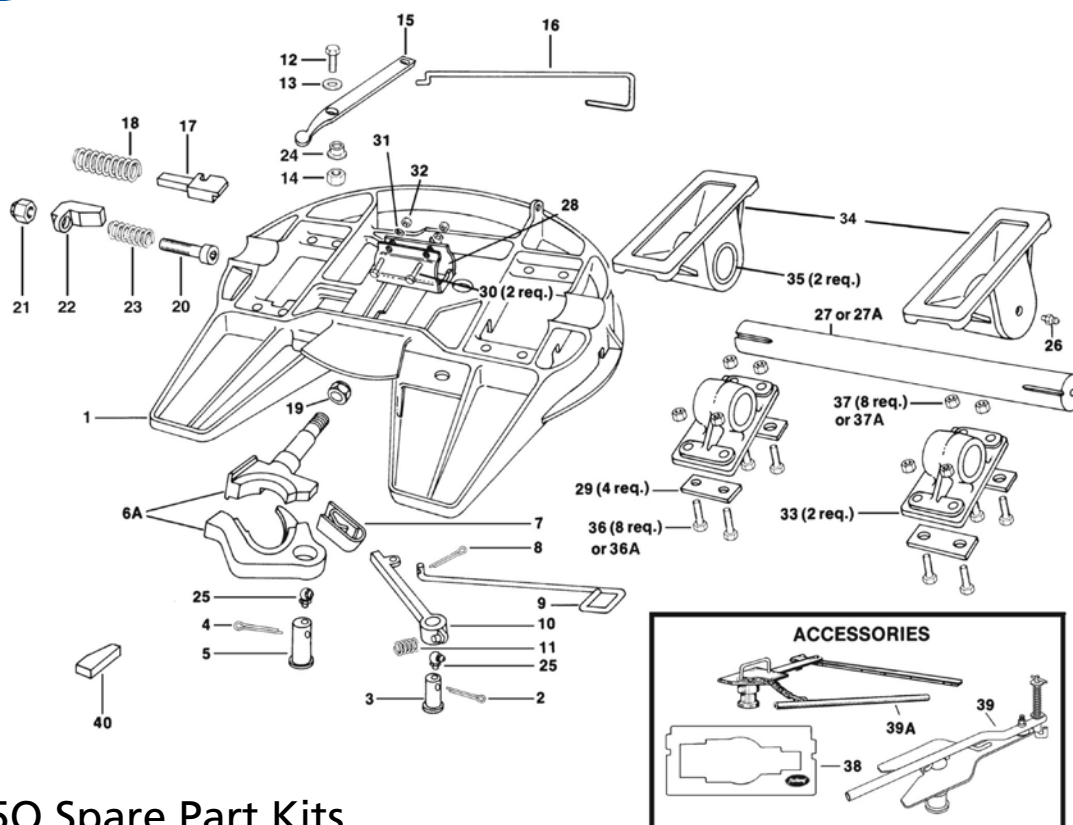
FW3510TR Terberg Top Plate Assembly Suit Terberg Benschop Tractor

RK3510TR Full Overhaul Kit, does not include items 26-31

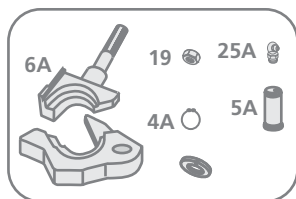
RK3510TR2 Overhaul kit excluding air cylinder, parts as for RK3510TR except does not include items 10, 20 and 21



Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	XA10099	Camplate	1	17	32027	Hex nut	1
2	XB10035	Bolt	1	18	XA10096	Cable tab (brass)	2
3	XA15071	Roller	1	19	38026	45 degree lube fitting	2
4	XB07431	Washer	1	20	31036	Bolt	1
5	XA09040	Camplate Spacer	1	21	XA3542RT	Air Cylinder Assembly	1
6	XB1505	Yoke Spring	1	22	XB10087	Extension Spring - Inner	1
7	XA17061	Yoke Shaft	1	23	XB10088	Extension Spring - Outer	1
8	XA10094	Yoke	1	24	38009	Lube Fitting	2
9	XB76004	Washer	2	25	XB02967	Never-Seez Lube (not shown)	1
10	XBHLNM12Z	Locknut (Alt. part 32001)	2	26	XA76020	Sensor Bracket	1
11	31039	Bolt	1	27	XB10210	Pocket Insert	2
12	XA1029	Roller	1	28	XB2149	Spring	1
13	XB07628	Spring	1	29	XB2155002750	Roll Pin	1
14	XA07296	Lock Set	1	30	XA3528	Secondary Lock Bar	1
15	XA60043	Lock Pin	2	31	XA3546	Handle - Secondary Lock	1
16	33027	Washer	1	32	XB76022	Spring pin	1



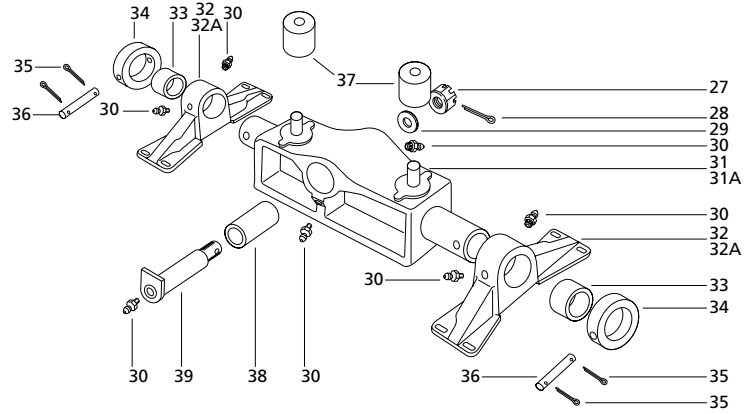
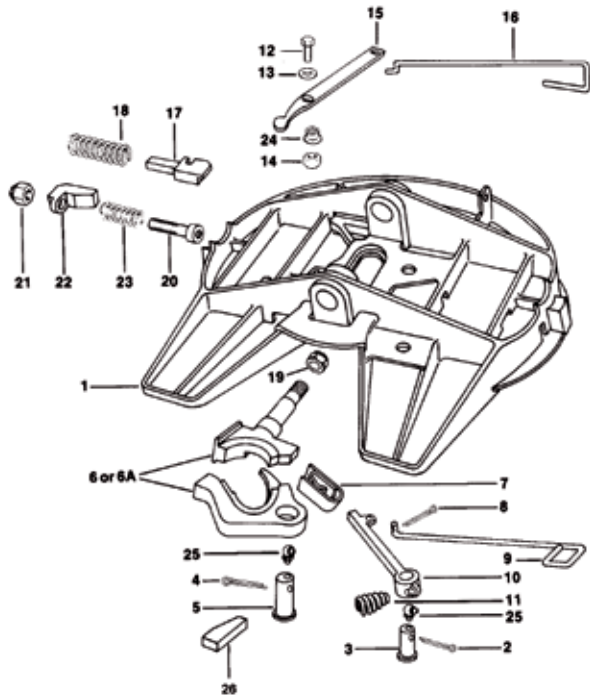
FW165O Spare Part Kits



Kit Part No.	Description	Qty	Item
RK1040	90 mm (3.5") Lock Set	1	4A,5A,6A,19,25A

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1		Fifth Wheel top plate - 90mm kingpin	1	22	XD31231	Adjustment wedge	1
2	XB5	Cotter pin 1/4" x 2"	1	23	XB403	Compression spring	1
3	XA1016C	Lock pin	1	24	XB02949	Bushing	1
4	XBT60	Cotter pin 1/4" x 2.5"	1	25	XB767C	Lube fitting (45°)	2
5	XAFW108D1	Lock pin 90 mm	1	26	XBH38	Lube fitting	2
7	XAFW128	Spring	1	27	XAFW106	Trunnion shaft	1
8	XB16	Cotter pin 1/8" x 1"	1	28	XAFW113D	Trunnion shaft clamp	2
9	XAFW138	Secondary lock release handle	1	29	XB03371	Shims	4
10	XAFW1372	Secondary lock arm	1	30	XB772	Hex bolt 3/4" - 16 x 3"	2
11	XB10282	Spring	1	31	XBPW1316112	Washer	2
12	XB2083	Hex head cap screw 1/2" - 20 x 1.75"	1	32	XB769	Nut 3/4" - 16	2
13	XBT49	Plain washer	1	33	XAFW103	Trunnion shaft bracket	2
14	XBT69A	Hex lock nut 1/2" - 20	1	34	XAFW102	Mounting bracket - 270mm	2
15	XA1005FDS	Release lever	1	35	XAFW107	Bushing	2
16	XA111713	Release handle	1	36	XB08914	Bolt 7/8" - 14 x 4" (After 8/97 check hole size)	8
17	XA1104	Plunger	1	37	XBT307	Lock nut 7/8" - 14 (After 8/97 check hole size)	8
18	XB1007	Compression spring (red)	1	36A	XBFW109	Hex head cap bolt 1- 8 x 4" (Prior 8/97)	8
20	XB2001	Socket head cap screw	1	37A	XBC41	Lock nut 1" - 8 (Prior 8/97)	8
21	XBHNH58C	Lock Nut 5/8" - 11	1				

FW2080 SPARE PARTS

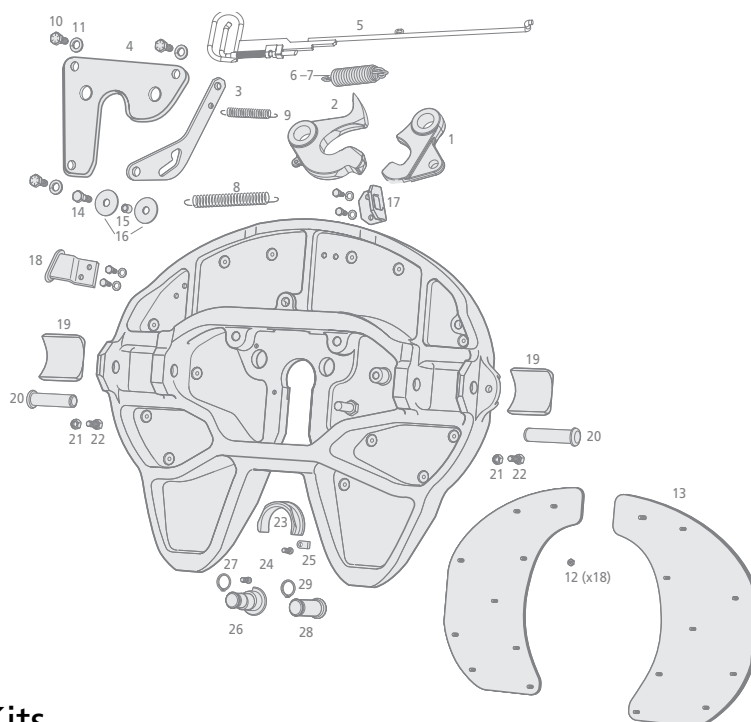


FW2080 Spare Part Kits

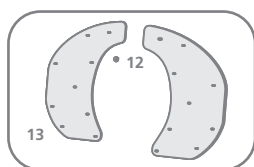
Kit Part No.	Description	Qty	Item
RK650241**	3.5" Lock Set Upgrade Kit	1	6, 10, 28
RK1040	3.5" Jaws USA	1	5, 6A, 19, XB10A & XBH38A (not shown)
RK65013	Rebuild Kit, XA-2081, 90 mm (3 1/2")	1	3 to 24 & 30
RK65012	Rebuild Kit, XA-2081, 50 mm (2")	1	3 to 24 & 30

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	N/A	Fifth wheel top plate, 2" kingpin	1	21	XBHNNH58C	Lock nut 5/8"-11	1
1A	N/A	Fifth wheel top plate, 3 1/2" kingpin	1	22	XD31231	Adjusting wedge	1
2(a)	XB5	Cotter pin 1/4" x 2"	1	23	XB403	Compression spring	1
3	XA1016C	Lock pin	1	24	XB02949	Bushing	1
4(b)	XBT60	Cotter pin 1/4" x 2 1/2"	1	25	XB767C	Grease nipple 90°	2
5*	XAFW108D	Lock pin	1	26+	XA05768	Adjusting block	1
6*	XAFW104D	Lock set for 2" kingpin	1	27	XB7801	Hex Slotted Nut 2 1/4"-4 1/2" socket	1
6A*	XAFW10403	Lock set for 3 1/2" kingpin	1	28	XB7811	Cotter Pin 5/16" x 3 1/2"	1
7	XAFW128	Spring	1	29	XA782	Washer	1
8*	XB16	Cotter pin 1/8" x 1"	1	30	XBH38	Lube Fitting	7
9	XAFW138	Release handle	1	31	XA05952	Rocker arm only	1
10	XAFW1372	Secondary lock arm	1	31A	XA05952A	Rocker arm sub-assembly	1
11	XB10282	Spring	1	32	XA1595	Bracket only	2
12	XB1021	HHCS 1/2"-20 x 1 3/4"	1	32A	XA1595A	Bracket sub-assembly	2
13	XBT49	Plain washer	1	33	XA1596	Cast iron bushing	2
14	XBT69A	Hex lock nut 1/2"-20	1	34	XA1597	Collar	1
15	XA1005FDS	Release lever	1	35	XB382	Cotter pin 3/16" x 1 1/4"	4
16	XA111713	Release handle	1	36	XA15842	Pin	2
17	XA1104	Plunger	1	37	XB70	Rubber cushion	2
18	XB1007	Compression spring (red)	1	38	XA06110	Cast iron bushing	1
19	XB04473	Jam nut 1"-14	1	39	XA15891	Bolt hub assembly	1
20	XBCS58C312	Socket head cap screw	1				

(a) Replacement part XBT60
(b) Replacement part XB10A
* only available as part of a kit



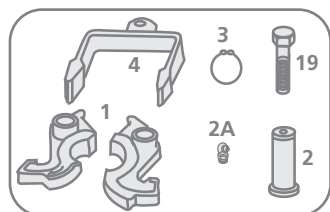
FWAL Spare Part Kits



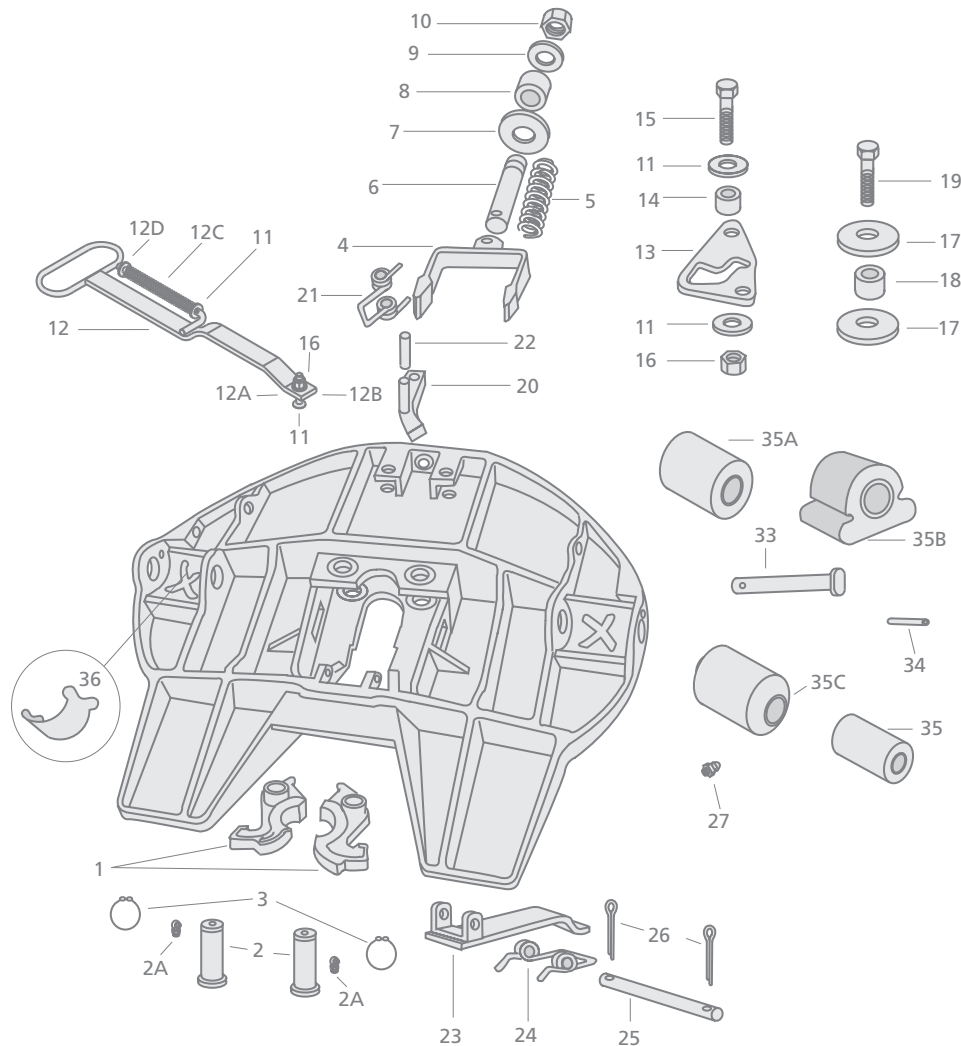
Kit Part No.	Description	Qty	Item
RK3311	If lube plates are needed	1	13
		18	12
RKAL11078	Lock repair kit	1	1, 2, 26, 27, 28 & 29

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
	FWAL	Complete Top Plate Assembly	1	16	XB10294	Washer, 1/2", stainless steel	2
1	XA10487P	Hook	1	17	XA11083	Mount, Spring	1
2	XA10486EP	Lock	1	18	XA11082	Support S/A, handle	1
3	XA10483AL	Cam, release	1	19	XD10923	Insert, pocket (qty 2)	2
4	XA11038	Plate, bottom	1	20	XE06356	Pin, bracket	2
5	XA10681	Handle s/a, release	1	21	XBT69A	Nut, lock 1/2"-20	2
6	XB10489P	Spring, extension	1	22	XBC95	HHCS 1/2"-20x 1-1/4"	2
7	XB10490P	Spring, extension	1	23	XD10680P	Insert, front lock	1
8	XB058431P	Spring, extension	1	24	XB027241	LHSCS, M10 x 1.5 x 16 mm	4
9	XB105631P	Spring, extension	1	25	XA10706P	Keeper, insert	1
10	XBHCSM1650Z	HHCS M16 x 50 mm	4	26	XA103643ALP	Pin, adjusting	1
11	XBLWM16Z	Washer, lock M16	3	27	XB05855	Ring, retaining 1-1/8"	1
12	XB08931	Nut, lock 5/16"-18"	18	28	XA06344AL	Pin, lock"	1
13	RK3311	Lube plate kit	1	29	XB08905	Ring, retaining 1-3/8"	1
14	31039	HHCS, M12 X 1.75 X 40 mm LG	1		2501970	Adjusting bolt cap for item 24 (Not shown. Required for some models only)	1
15	XA10810	Bushing, release cam	1				

FW3500 Spare Part Kits



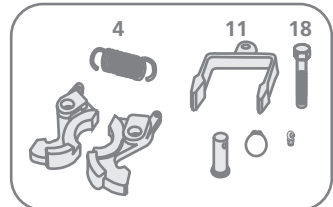
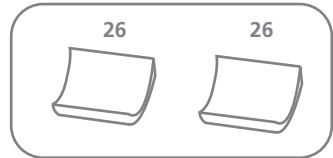
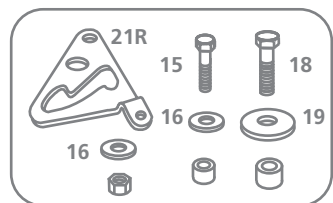
Kit Part No.	Description	Qty	Item
RK63501	3500 Series Rebuild Kit		1-27
RK63504	3500 Series Mini Rebuild Kit	1	1, 4, 19
		2	2, 2A, 3, 33, 34, 35A
RK63503A	3500 Series Jaw Kit, c/w Yoke	1	1, 4, 19
		2	2, 2A, 3
RK2016	Holland Pin Pack	2	33, 34
RK0011P	Holland Bush Pack, Poly Komp FW3540	2	35
RK16045P	Holland Bush Pack, Poly	2	35A
RK16045J	Holland Bush Pack, Compression	2	35C
RK3542R	Secondary Lock Replacement Kit	1	20, 21, 22
RK1705C	Cam Plate Replacement Kit	1	13, 14, 15, 16, 18, 19
		2	11, 17,
RK3514	Lock Guard Replacement Kit	1	23, 24, 25
		2	26

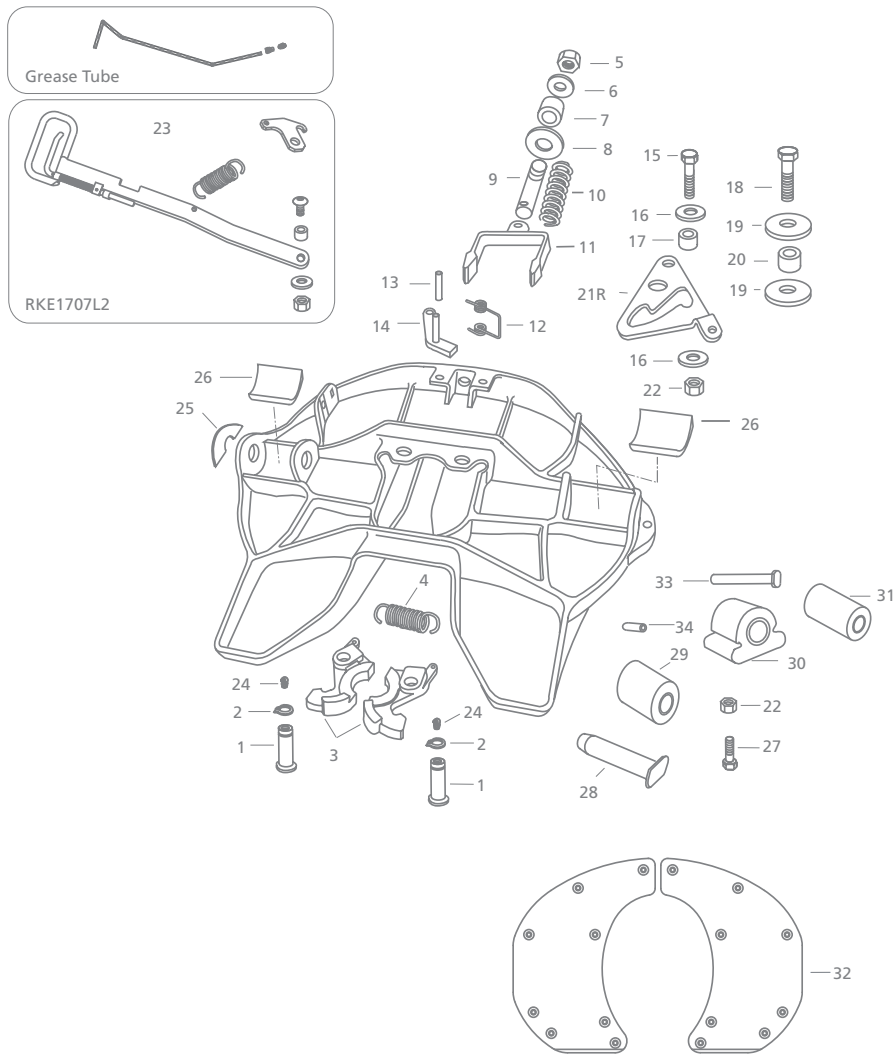


Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1*	XA1704	Lock Jaws	1	15	XB1021	Bolt 1/2"-20 x 1 3/4"	1
2*	XA1313H	Jaw Pin	2	16	XB769A	Locknut 1/2" - 20	1
2A	XBH38A	Grease Nipple 90	2	17*	XB10301	Washer	2
3*	XB5A	Circlip	2	18*	XA1507	Roller	1
4*	XA1703F	Yoke sub-assembly	1	19	XBCX58F134	Bolt 5/8"-18 x 1.3/4"	1
5*	XB1505	Spring	1	20*	XA3542R	Secondary Lock, Right Hand	1
6*	XA1706	Yoke Shaft	1	21*	XB2149	Torsion Spring	1
7*	XB02312	Lock Adjustment Tag	1	22	XB2155002750	Roll Pin	1
8*	XB1127	Rubber Washer	1	23*	XA3514	Lock Guard	1
9*	XBPW1316112	Washer 1 1/2" O.D. x 13/16" I.D.	1	24*	XB1044	Torsion Spring	1
10	XBH34F	Locknut 3/4"-16	1	25*	XA1055	Pin	1
11	XB749	Washer 1 3/4" O.D. x 9/16" I.D.	4	26	XB16	Cotter Pin 1/8" x 1 1/2"	2
12	XA1707D	D-Ring Release Handle	1	27	XBH38	Grease Nipple	2
12A*	XA102911	Roller 1/2" I.D. x 7/16" T.H.K.	1	33*	XA2016	Foot Pin	2
12B	XB12FC5K134	Bolt 1/2" x 1 3/4" C.S.K. H.D.	1	34*	XB2153751750	Roll Pin	2
12C	XB10281	Spring Handle	1	35*	XB0011P	Foot Bush, Poly, Komp	2
12D*	XBPW17321116	Washer	1	35A*	XB16045P	Foot Bush, Poly	2
13*	XA1705C	Cam Plate	1	35B*	XB00113	Foot Bush, Slider bracket only	2
14*	XA1029	Roller	1	35C*	XB16045J	Foot Bush, Compression	2
				36	DOGBONE	DOGBONE wear pads - pair (optional)	1

* Only available as part of a kit.

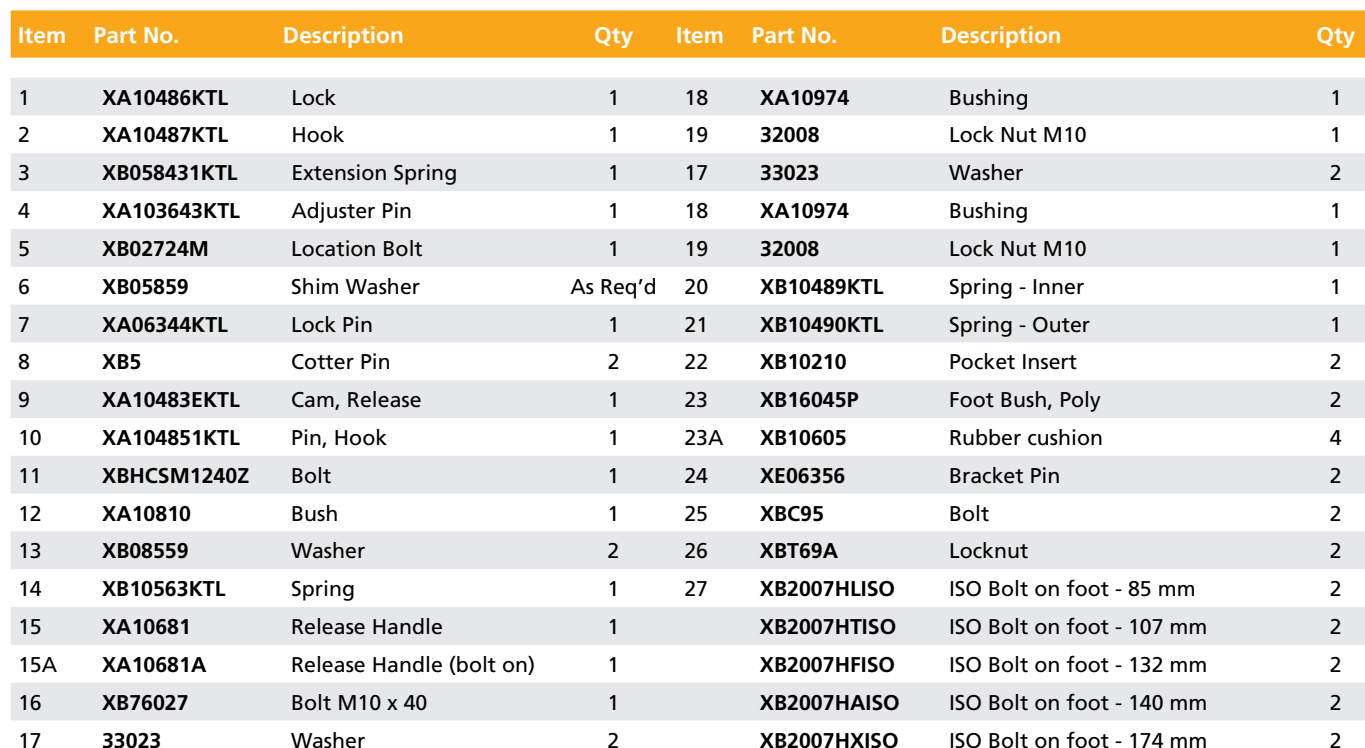
FW342 Spare Part Kits

	Kit Part No.	Description	Qty	Item
	RK35504THK	Mini, Rebuild Kit, Thick Yoke	1	3, 4, 11, 18, 28
			2	1, 2, 22, 24, 27, 29
	RK35503A	Jaw Replacement Kit, c/w Yoke	1	3, 4, 11, 18
			2	1, 2, 24
	RK0729282	Lock Pin Replacement Set	2	1, 2, 35
	RK10210	Foot Pocket Kit	2	26
	RK06356	Holland Pin Pack pro-hitch 351	2	22, 27, 28
	RK2016AU	Holland Pin Pack B Double	2	33, 34
	RK16045P	Holland Bush Pack	2	29
	RK0011P	Holland Bush Pack (Poly) Komp	2	31
	RK3542R	Secondary Lock Replacement Kit	1	12, 13, 14
	RK07150R	Cam Plate Kit	1	15, 17, 18, 20, 21, 22
			2	16, 19



Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1*	XA0729282	Lock Pin	2	18	XBCX58F134	Hex Head Cap Screw 16 x 44 (5/8"-18x1-3/4")	1
2	XB07398	Circlip	2	19*	XB07431	Washer 67 X 17 (2-5/8"x 21/32")	2
3*	XA07296	Lock Jaw Set	1	20*	XA1507	Roller 16mm (5/8" I.D.)	1
4*	XB07628	Extension Spring	1	21R*	XA07150R	Cam Plate, Right-hand	1
5	XBHNNH34F	Locknut 19.05mm (3/4" 16)	1	21L	XA07150L	Cam Plate, Left-hand (optional)	1
6*	XBPW1316112	Washer 38 x 20mm (1 1/2" O.D. x 13/16" I.D.)	1	22	XBT69A	Locknut 12mm (1/2"-20)	1
7*	XB1127	Rubber Washer	1	23	RKE1707L2	Release Handle	1
8*	XB02312	Lock Adjustment	1	24	XBH38A	Grease Nipple 90°	2
9*	XA1706	Yoke Shaft	1	25	XB07610	Operation Tag	1
10*	XB1505	Compression Spring	1	26*	XB10210	Pocket Insert	2
11*	XA07295	Yoke	1	27	XBC95	Hex Head Cap Screw (1/2" - 20 x 1-1/4")	2
	XA07295THK	Yoke Thick Tips		28*	XE06356	Foot Pin	2
12*	XB2149	Torsion Spring	1	29*	XB16045P	Foot Bush, Poly	2
13	XB2155002750	Roll Pin 12mm x 70 (1/2" x 2-3/4")	1	30	XB00113	Foot Bush, Slider Bracket Only	2
14*	XA3542R	Secondary Lock, Right-hand	1	31*	XB0011P	Foot Bush, Poly, Komp	2
	XA3542L	Secondary Lock, Left-hand (optional)	1	32	2501510	Insert Set (pair) c/w fixings 8 or 9 Bolt	1
15	XB1021	Hex Head Cap Screw 12mm x 44 (1/2"-20 x 1-3/4")	1	33*	XA2016	Foot Pin (old style)	2
16*	XB08559	Washer 44 x 14 (1-3/4" O.D. x 9/16" I.D.)	2	34*	XB2153751750	Roll Pin	2
17*	XA1029	Roller 12mm (1/2" I.D.)	1		2501321	Bolt pack for item 32 (not shown)	

* Only available as part of a kit.





Cast Steel Foot

FW Series Cast Steel Feet - Weldable

Part Number	Description	Height mm	Weight kg
XB2007HL	Weldable Cast Foot	*73	7
XB2007HT	Weldable Cast Foot	*95	10
XB2007HF	Weldable Cast Foot	*120	11
XB2007HA	Weldable Cast Foot	*128	12
XB2007HG	Weldable Cast Foot	*144	13
XB2007HX	Weldable Cast Foot	*162	14



ISO Bolt on Foot

FW Series Cast Steel Feet - ISO Bolt on Feet - includes 16mm plate

Part Number	Description	Height mm	Weight kg
XB2007HLISOHD	Cast Foot with ISO Plate Welded	*89	15
XB2007HTISOHD	Cast Foot with ISO Plate Welded	*111	18
XB2007HFISOHD	Cast Foot with ISO Plate Welded	*136	19
XB2007HAISOHD	Cast Foot with ISO Plate Welded	*144	20
XB2007HGISOHD	Cast Foot with ISO Plate Welded	*160	21
XB2007HXISOHD	Cast Foot with ISO Plate Welded	*178	22



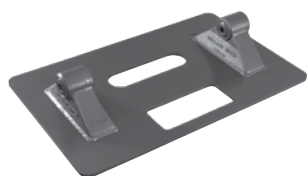
Ballrace Foot

FW Series Ballrace Feet

Part Number	Description	Height mm	Weight kg
XB2007HB	Cast SGI Foot with Half Moon Base to suit Ballrace	*85	16
XB2007HD	Cast SGI Foot with Half Moon Base to suit Ballrace	*107	17.1
XB2007HE	Cast Steel Foot with Fabricated Half Moon Base to suit Ballrace	*140	24.5

*Height above is bottom of foot or baseplate to the centre of the foot bush hole.

MOUNTING OPTIONS



Mounting Plate with Feet

FW Series Cast Steel Feet & Flat Mounting Plates

Part Number	Description	Plate Dim. mm	Height mm	Weight kg
L2	Mounting Plate c/w Feet	1050 x 660 x 16	*89	88
T2	Mounting Plate c/w Feet	1050 x 660 x 16	*111	94
F2	Mounting Plate c/w Feet	1050 x 660 x 16	*136	96
A2	Mounting Plate c/w Feet	1050 x 660 x 16	*144	98
G2	Mounting Plate c/w Feet	1050 x 660 x 16	*160	100
X2	Mounting Plate c/w Feet	1050 x 660 x 16	*178	102

Also available 20 mm Mounting Plate



Ballrace Base Assembly

FW Series Ballrace Base Assemblies

Part Number	Description	Plate Dim. mm	Height mm	Weight kg	D Rating kN
LS4	Ballrace c/w SGI Feet	1050 x 660 x 16	*161	208	190
TS4	Ballrace c/w SGI Feet	1050 x 660 x 16	*183	210	190
AS4	Ballrace c/w Steel Feet	1050 x 660 x 16	*216	225	165
LD4	Ballrace c/w SGI Feet	1050 x 660 x 16	*191	231	270
TD4	Ballrace c/w SGI Feet	1050 x 660 x 16	*213	233	270
AD4	Ballrace c/w Steel Feet	1050 x 660 x 16	*246	248	165
LS5	Ballrace c/w SGI Feet	1050 x 660 x 20	*165	234	190
TS5	Ballrace c/w SGI Feet	1050 x 660 x 20	*187	236	190
AS5	Ballrace c/w Steel Feet	1050 x 660 x 20	*220	251	165
LD5	Ballrace c/w SGI Feet	1050 x 660 x 20	*195	257	270
TD5	Ballrace c/w SGI Feet	1050 x 660 x 20	*217	259	270
AD5	Ballrace c/w Steel Feet	1050 x 660 x 20	*250	274	165

* Height to the centre of foot boss.

FW Series Ballrace



Single Row Ballrace

Part Number	Description	Drilled	Height mm	Weight kg	D Rating kN
SR601000	16t Single Row Ballrace	Undrilled	60	68	190
SR601000D	16t Single Row Ballrace	Drilled	60	68	190
DR901000	30t Heavy Duty Double Row Ballrace	Undrilled	90	91	270
DR901000D	30t Heavy Duty Double Row Ballrace	Drilled	90	91	270

FW Series Ballrace Mounting Bolts

Part Number	Description	Quantity
BKSR12	Bolt Kit Suit S/Row B/Race on 12mm Plate	
XBM16240	Bolt HT Hh M16x40x2	12
XB12F112	1/2INUNF x 1-1/2IN HTh Bolt	6
XB12FCSK112	CSK HD Screw 1/2INUNF x 1-1/2IN	4
XB122CL	Nut M16 cone lock 12mm high	12
XBT69B	1/2 inch Cone Lock Nut	10
BKSR16	Bolt Kit for S/Row Ballrace 12xM16x40 bolts-M16Nuts (feet) 10x1-3/4" bolts&1/2" Nut-Plate	
XB12FCSK134	CSK HD Screw 1/2IN UNFx1-3/4IN	4
XB1021	Bolt HT 0.5IN-20 x1.75IN Long	6
XB122CL	Nut M16 cone lock 12mm high	12
XBT69B	1/2 inch Cone Lock Nut	10
XBM16240	Bolt HT Hh M16x40x2	12
BKDR20	Bolt Kit suit Double Row Ballrace on 20mm plate	
LOK3KIT	Lockout Kit - Single Ballrace SR601000 & Drilled Ballrace	
LOK4KIT	Lockout Kit To Suit DR90/1000 Ballrace	

*Height above is bottom of foot or baseplate to the centre of the foot bush hole.

FW Series Kompensator



Kompensator

Part Number	Description	Plate Dim. mm	Height mm	Weight kg	D Rating kN
K	Komp on 2 x Side Plates (to suit Bolting to Chassis Angles)	762 x 200	170	134	163
KP	Komp on Mounting Plate	1050 x 660 x 12	170	159	163
KP6	Komp on Mounting Plate	1050 x 660 x 16	174	176.5	163
KP7	Komp on Mounting Plate	1050 x 660 x 20	178	194	163
KR	Komp on Radiused Mounting Plate (to suit Ballrace)	x 12	145	144	163

G36 Series V20 Slider - ISO (Adjustment pitch 37.5 mm)



V20 Slider

Part Number	Description	Drilled	Plate Dim. mm	Height mm	Weight kg
662204507	Manual Operation, Vehicle Mnt Holes @ 880mm centres	Drilled	960 x 1250	35	110
662206401	Manual Operation, Vehicle Mnt Holes @ 952.6mm ctrs	Drilled	1060 x 1250	35	129
662205507	Air Operation, Vehicle Mnt Holes @ 880mm ctr, requires Inst. Kit	Drilled	960 x 1250	35	110
662206403	Air Operation, Vehicle Mnt Holes @ 952.6mm centres requires Inst. Kit	Drilled	1060 x 1250	35	129
662101802	Pneumatic Installation Kit				

FW Series Air Release Sliders (Adjustment pitch 50 mm)



ILS Slider

Part Number	Description	Travel mm	Plate Dim. mm	Height mm	Weight kg	D Rating kN
		A	B	C	H	
FWS	Heavy Duty Slider Base	700	2400 x 1100	40	270	270
XAE12	ILS, 103 Foot Pin Height	610	1135 x 993	103	110	151
XAE22	ILS, 128 Foot Pin Height	610	1135 x 993	128	112	151
XAE32	ILS, 154 Foot Pin Height	610	1135 x 993	154	114	151
XAE13	ILS, 103 Foot Pin Height	915	1440 x 993	103	123	151
XAE23	ILS, 128 Foot Pin Height	915	1440 x 993	128	126	151
XAE33	ILS, 154 Foot Pin Height	915	1440 x 993	154	127	151
XAE12US	ILS, 103 Foot Pin Height	610	1135 x 1043	103	115	151
XAE22US	ILS, 128 Foot Pin Height	610	1135 x 1043	128	118	151
XAE32US	ILS, 154 Foot Pin Height	610	1135 x 1043	154	120	151
XAE13US	ILS, 103 Foot Pin Height	915	1440 x 1043	103	128	151
XAE23US	ILS, 128 Foot Pin Height	915	1440 x 1043	128	131	151
XAE33US	ILS, 154 Foot Pin Height	915	1440 x 1043	154	133	151

*Height above is bottom of foot or baseplate to the centre of the foot bush hole.

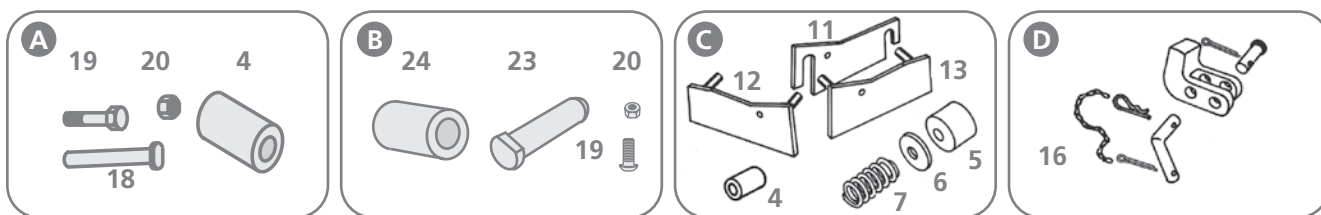
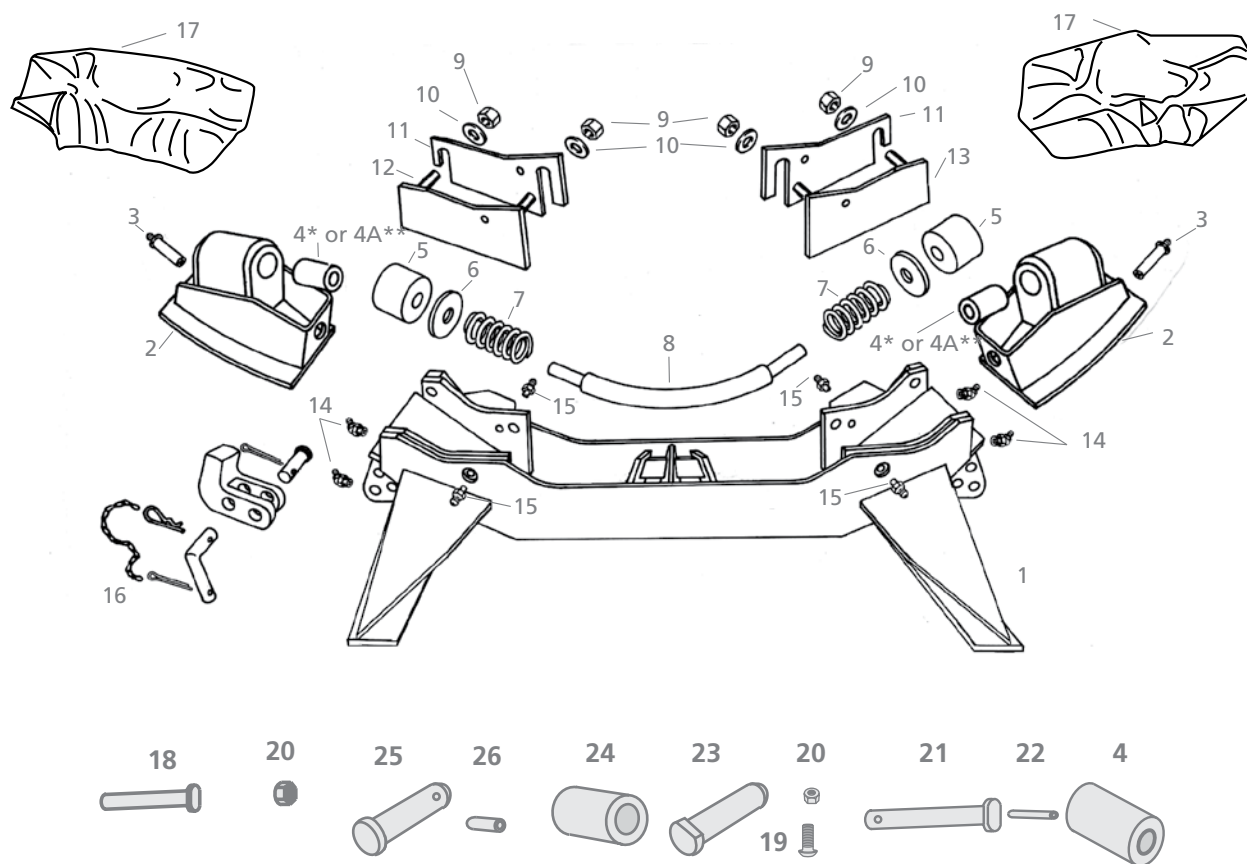
KOMPENSATOR SPARE PARTS



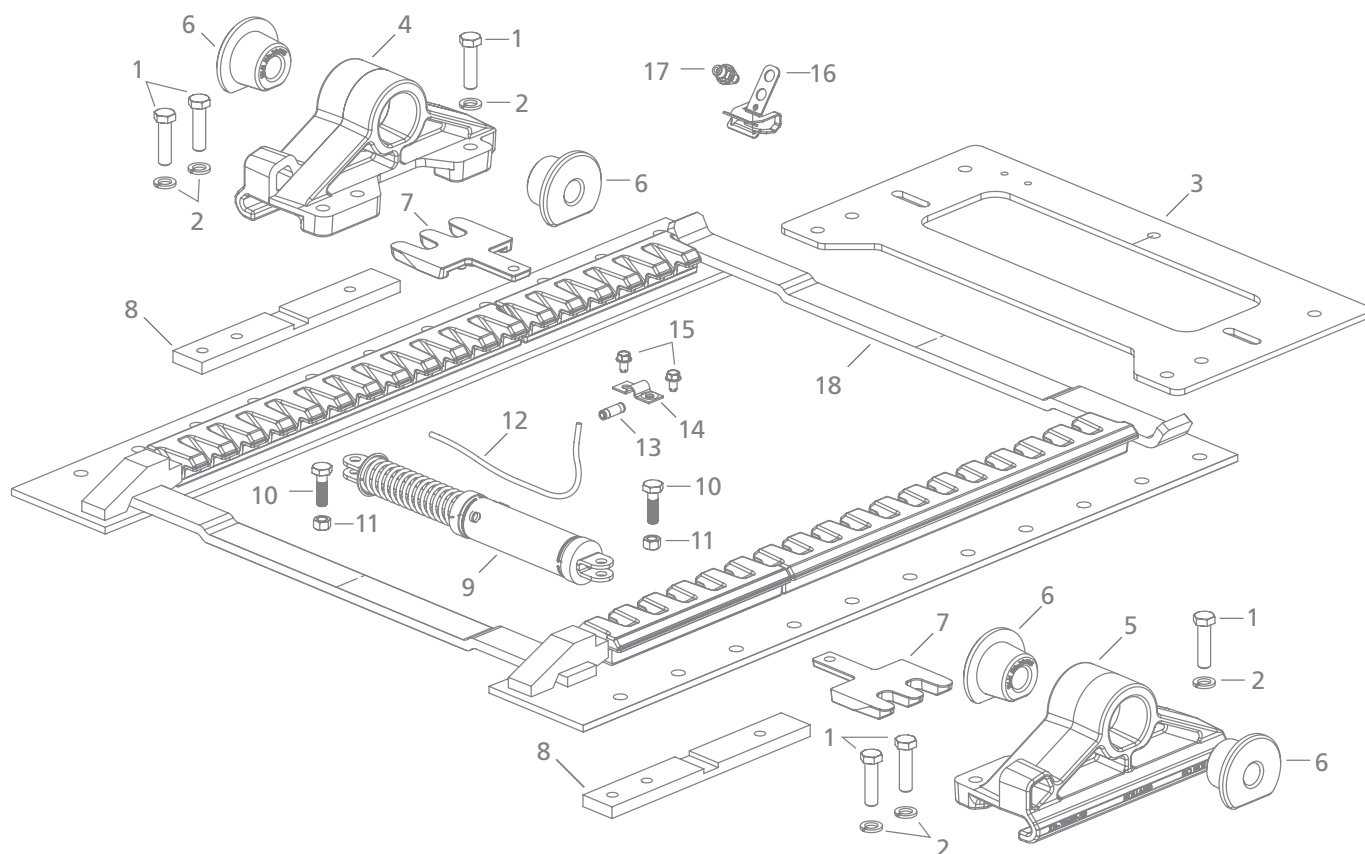
Kit Part No.	Description	Qty	Item #
RK06356K	A Pin & Bush Kit c/w Bush to Suit FW351, FW342 & FW331	2	4, 18, 19, 20
RK2016KP	Pin & Bush Kit c/w Old Pin & Poly Bush to Suit FW3500	2	4, 21, 22
RK02759K	B Pin & Bush Kit to Suit FW70	2	19, 20, 23, 24
RK02632K	Pin & Bush Kit c/w Old Pin to Suit early FW70	2	24, 25, 26
RK0011P	Holland Bush Pack FW3540	2	4
RK0012P	Holland Bush Pack FW7040	2	4A
RK40IZ	C Kompensator Rebuild Kit	1	12,13
		2	4, 5, 7
		4	11
RK01370	D Lockout Kit	1 set	
BP0014	Shim Bulk Pack	10	11

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1		Kompensator assembly (N/A as a spare part)	15	15	XBH38	Grease fitting	4
2	XA0024	Shoes Subassembly - includes item 3	2	16	RK01370	Lockout Kit	1
3	XBH38F	Grease fitting	2	17	XB0128	Dust Cover Set (Optional)	1
5	XB0009	Cushion	2	18	XE06356	Foot Pin	2
6	XA12842	Washer	2	19	XBC95	Hex Head Cap Screw (1/2" - 20 x 1-1/4")	2
7	XB01923	Spring	2	20	XBT69A	Locknut (1/2"-20)	2
8	XA39	Tie bar	1	21	XA2016	Foot Pin	2
9	XBC59	Hex nut 1/2-13	4	22	XB2153751750	Roll Pin	2
10	XBT45	Lock washer	4	23	XE02759	Foot Pin (1990 onwards)	2
12	XA01997	Bearing plate - right hand	1	24	XB0012P	Bush 51mm O.D. Poly Foot suit Komp	2
13	XA01998	Bearing plate - left hand	1	25	XB2632	Foot Pin (prior to 1990)	2
14	XBH38C	45 Grease fitting	4	26	XB2155002750	Roll Pin 1/2" x 2 3/4"	2

(a) Bushing used in conjunction with FW3500 & FW351 fifth wheels.
(b) Bushings used in conjunction with FW70 fifth wheels.

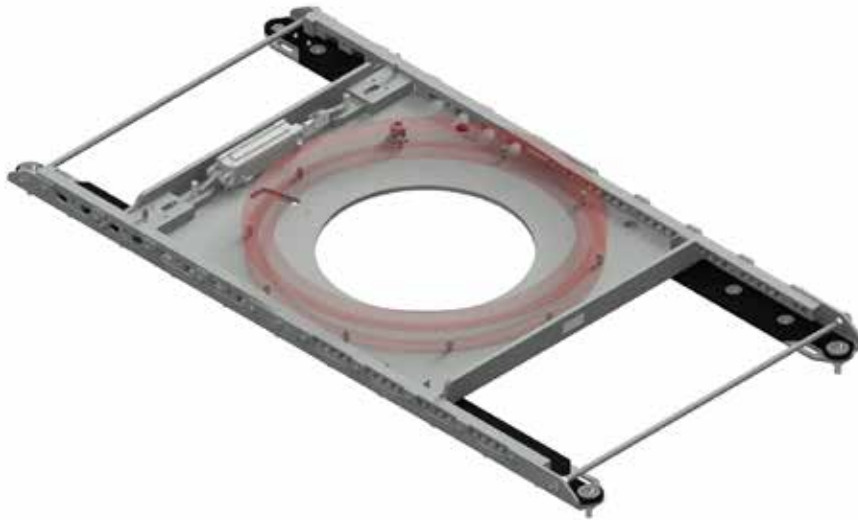


ILS SLIDER SPARE PARTS



Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	XBHCSM1660Z	Bracket Bolts M16 x 60	6	10	XB2083	Bolt	2
2	XBLWM16A	Lock Washer	6	11	XBT69A	Locknut	2
3	XA106061	Slide Bracket Plate	1	12	XB10809	Air Line Tubing	1
4	XD106891L	Slide Bracket LH - Low	1	13	XB10815	Push-in Connector	1
	XD106892L	Slide Bracket LH - Medium	1	14	XB10816	Air Line Clamp	1
	XD106893L	Slide Bracket LH - High	1	15	XB10814	Thread Cutting Screw	2
5	XD106891R	Slide Bracket RH - Low	1	16	XA10736	Air Line Stand-off Clip	1
	XD106892R	Slide Bracket RH - Medium	1	17	XB10748	Quick-connect Union	1
	XD106893R	Slide Bracket RH - High	1	18	XAE2	Slide Plate - 610 mm travel	1
6	XB10605	Bracket Bushes	4		XAE3	Slide Plate - 915 mm travel	1
7	XA106041	Locking Plunger	2		XAE4*	Slide Plate - 1220 mm travel	1
8	XA107111	Stop Block	2		XAE5*	Slide Plate - 1525 mm travel	1
9	XA10700	Air Cylinder	1	* Optional as special order only.			

Ballrace Version FWS



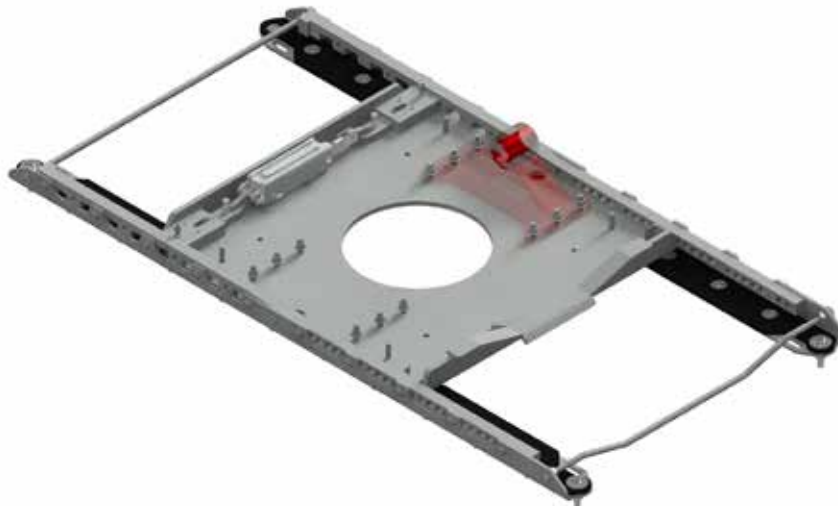
Holland P/N: FWS

Holland Hitch (Ballrace/5th Wheel)
Standard Chassis - **952mm** Bolt Centres
700mm Travel

Holland P/N: FWS-880

Holland Hitch (Ballrace/5th Wheel)
Narrow Chassis - **880mm** Bolt Centres
700mm Travel

Fixed ISO Version FWS2



Holland P/N: FWS2

Holland Hitch Fixed
(ISO PATTERN/5th Wheel)
Standard Chassis - **952mm** Bolt Centres
700mm Travel

Holland P/N: FWS2-880

Holland Hitch Fixed
(ISO PATTERN/5th Wheel)
Narrow Chassis - **880mm** Bolt Centres
700mm Travel



G36
Top Plate

Part Number	Description
6621290038	G36 50mm Top Plate – Grease Top
6621290038VIDS	G36 & VIDS Top – suits Volvo – uses 662129493 sensor kit
6621290038MIDS	G36 & MIDS Top – suits Daimler & Scania – uses 662129496 sensor kit

G36 - 50 mm (2") - ISO Feet RIGHT/DRIVER SIDE HANDLE



G36
Top Plate with Feet

Part Number	Foot Type	Height mm	Weight kg	D Rating kN	CRN
6621290468	128mm	128	116	200	29267
6621290478	150mm	150	120	200	29267
6621290488	185mm	185	123	200	29267
6621290318	225mm	225	121	152	29267
6621290498	250mm	250	135	200	29267

Note: No mounting bolt kit is supplied, please review your application and chose the right kit from page 71.

G36 - 50 mm (2") Fixed Mount Flat Plate - 16mm RIGHT/DRIVER SIDE HANDLE



G36
Fixed Mount Flat Plate

To suit truck frame width				Foot Type	Height mm	Weight kg	D Rating kN	CRN
Euro Truck		USA Truck						
Undrilled	Drilled 880mm	Undrilled	Drilled 952.6mm					
Part Number								
MP690 (960 x 710mm)	MP691 (960 x 710mm)	MP686 (1060 x 710mm)	MP689 (1060 x 710mm)					
662129633	662129634	662129623	662129635	128mm	144	182	200	29267
MP301 (960 x 710mm)	MP580 (960 x 710mm)	MP602 (1060 x 710mm)	MP687 (1060 x 710mm)					
662129636	662129601	662129607	662129611	150mm	166	214	200	29267
662129597	662129642	662129608	662129612	185mm	201	217	200	29267
662129599	662129648	662129609	662129613	225mm	241	215	152	29267
662129598	662129596	662129610	662129614	250mm	266	229	200	29267

G36 - 50 mm (2") Fixed Mount Ripple Plate - 40mm RIGHT/DRIVER SIDE HANDLE



G36
Fixed Mount Ripple Plate

To suit truck frame width				Foot Type	Height mm	Weight kg	D Rating kN	CRN
Euro Truck		USA Truck						
Undrilled	Drilled 880mm	Undrilled	Drilled 952.6mm					
Part Number								
MP060 (960 x 665mm)	MP577 (960 x 775mm)	MP078 (1060 x 665mm)	MP579 (1060 x 665mm)					
662129627	662129640	662129619	662129641	150mm	190	165	200	29267
662129628	662129646	662129620	662129647	185mm	225	168	200	29267
662129629	662129652	662129621	662129653	225mm	265	166	152	29267
662129630	662129655	662129622	662129656	250mm	290	180	200	29267

Handle Options

Fifth Wheel with Extended Handle option (extra 250mm/10" longer)
For Extended Handle add "EH" after the part number.
Example: 662129627 into 662129627EH



- SG Iron construction
- Compliant to the ADR requirements



G36B
Single Row Ballrace

G36 - 50 mm (2") Single Row Ballrace RIGHT/DRIVER SIDE HANDLE

SINGLE BALLRACE

Part Number							
Undrilled	Pre-drilled Mtg Holes @		Foot Type	Height mm	Weight kg	D Rating kN	CRN
	880mm ctr	952.6mm ctr					
TT800	TT811	TT810					
662106870	662106850	662106805	128mm	216	329	190	31825
662106871	662106851	662106801	150mm	238	333	190	31825
662106872	662106852	662106802	185mm	273	336	190	31825



G36BD
Double Row Ballrace

G36 - 50 mm (2") Double Row Ballrace RIGHT/DRIVER SIDE HANDLE

DOUBLE BALLRACE

Part Number			Foot Type	Height mm	Weight kg	D Rating kN	CRN
Undrilled	Pre-drilled Mtg Holes @						
	880mm ctr	952.6mm ctr					
TT820	TT831	TT830					
662106876	662106860	662106821	128mm	246	352	200	31825
662106877	662106861	662106823	150mm	268	356	200	31825
662106878	662106862	662106825	185mm	303	359	200	31825



G36S
Air Slider

G36 - 50 mm (2") Air Slider RIGHT/DRIVER SIDE HANDLE

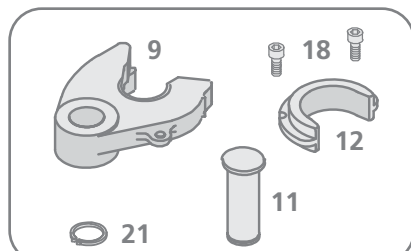
Part Number	Drill Centres	Foot Type	Height mm	Weight kg	D Rating kN	CRN
662206800	880mm	150mm	185	249	135	40101
662206550	952mm	150mm	185	249	135	40101
662206805	880mm	185mm	220	252	135	40101
662206555	952mm	185mm	220	252	135	40101

G36 SPARE PARTS

(FORMERLY SK-S 36.20)

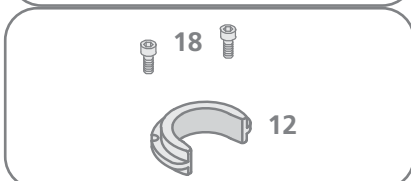


G36 Spare Part Kits

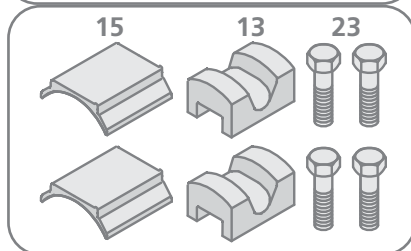


Kit Part No.	Description	Qty	Item
662 101 493	Repair Kit for Locking Mechanism and Bearings	1	9, 11, 12, 21
		2	13, 15, 18
		4	23

662 101 716	Standard G36 Jaws repair kit	1	9, 11, 12, 21
662 101 770	MIDS/VIDS Jaw Kit with sensor holes for G36/G36L Holes are drilled North/South		9, 11, 12, 21

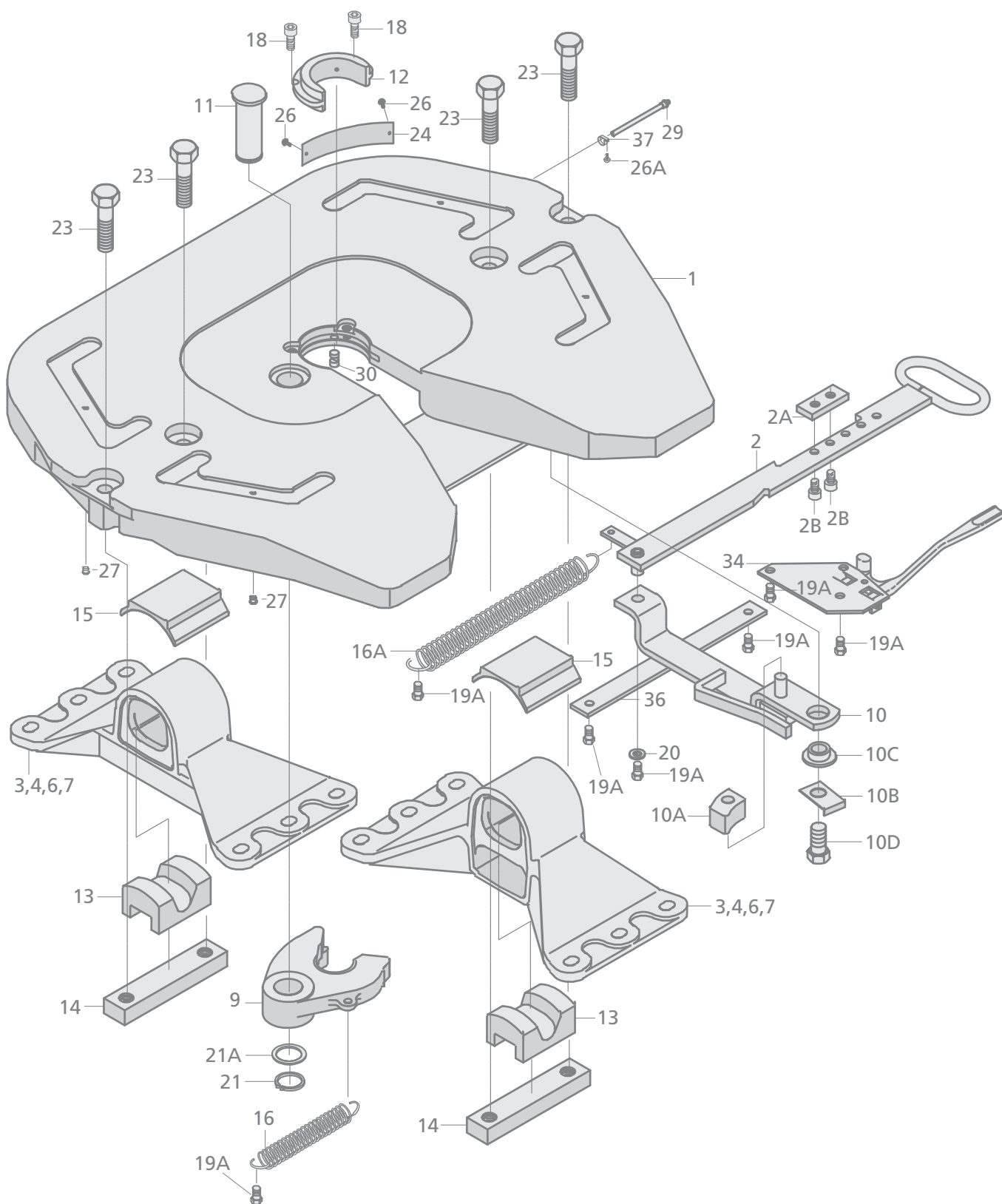


662 101 566	Repair Kit for Wear Ring	1	12
		2	18



662 101 473	Repair Kit for Bearings	2	13, 15
		4	23

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	662 129 0038	Complete Top Plate Assembly	1	15	662 130 101	Bearing Insert	2
2	662 129 166	Operating Handle, complete (2a,2b)	1	16	662 126 411	Tension Spring	1
2	662 129 146	Operating Handle	1	16A	662 129 317	Tension Spring	1
2A	662 129 158	Adjustment Plate	1	18	659 112 372	Cap Bolt	2
2B	659 112 371	Cap Bolt	1	19A	659 112 359	Hex. Bolt	7
3	662 129 383	Mounting Foot 128 mm	2	20	662 126 175	Washer	1
4	662 129 384	Mounting Foot 150 mm	2	21	659 100 027	Circlip	1
6	662 129 385	Mounting Foot 185 mm	2	21A	659 100 026	Supporting Washer	1
6	662 129 389	Mounting Foot 225 mm	2	23	662 129 606	Hex. Bolt	4
7	662 129 386	Mounting Foot 250 mm	2	24	659 120 380	Manufacturer's Plate	1
9	662 129 134	Coupler Jaw	1	26	662 126 173	Rivet	2
10	662 129 156	Locking Hook	1	26A	662 126 179	Rivet	1
10A	662 129 381	Stopper	1	27	662 126 223	Plastic Plug	4
10B	662 129 387	Locking Plate	1	29	659 144 106	Lubrication Tube	1
10C	662 129 374	Bush	1	30	662 129 380	Grease Plug	1
10D	662 129 600	Hex. Bolt	1	34	662 129 153	Automatic Latch	1
11	662 129 375	Pin	1	36	662 129 144	Guide Plate	1
12	662 129 377	Wear Ring	1	37	659 100 029	Lock Hut	1
13	662 114 110	Rubber Damper	2	38	662 111 202	Hex. Bolt	2
14	662 129 388	Tensioning Bar	2				





G36L
Top Plate with Feet



G36L
Top Plate with Feet



G36L
Fixed Mount Flat Plate



G36L
Fixed Mount Ripple Plate



Part Number	Description
6621310038	G36L 50mm Top Plate – Low Lube Top
6621310038VIDS	G36L & VIDS Top – suits Volvo – uses 662129493 sensor kit
6621310038MIDS	G36L & MIDS Top – suits Daimler & Scania – uses 662129496 sensor kit

G36L - Low Lube 50 mm (2") - ISO Feet RIGHT/DRIVER SIDE HANDLE

Part Number	Foot Type	Height mm	Weight kg	D Rating kN	CRN
6621310118	128mm	128	116	200	29267
6621310128	150mm	150	120	200	29267
6621310138	185mm	185	123	200	29267
6621310428	225mm	225	121	152	29267
6621310148	250mm	250	135	200	29267

Note: No mounting bolt kit is supplied, please review your application and chose the right kit from page 71.

G36L - Low Lube 50 mm (2") Fixed Mount Flat Plate - 16mm RIGHT/DRIVER SIDE HANDLE

To suit truck frame width									
Euro Truck		USA Truck							
Undrilled	Drilled 880mm	Undrilled	Drilled 952.6mm						
Part Number				Foot Type	Height mm	Weight kg	D Rating kN	CRN	
MP690 (960 x 710mm)	MP691 (960 x 710mm)	MP686 (1060 x 710mm)	MP689 (1060 x 710mm)						
662131289	662131290	662131300	662131297	128mm	144	182	200	29267	
MP301 (960 x 710mm)	MP580 (960 x 710mm)	MP602 (1060 x 710mm)	MP687 (1060 x 710mm)			(MP602 & MP687 Plate)			
662131293	662131288	662131301	662131305	150mm	166	214	200	29267	
662131294	662131282	662131302	662131306	185mm	201	217	200	29267	
662131295	662131278	662131303	662131307	225mm	241	215	152	29267	
662131296	662131276	662131304	662131308	250mm	266	229	200	29267	

G36L - Low Lube 50 mm (2") Fixed Mount Ripple Plate - 40mm RIGHT/DRIVER SIDE HANDLE

To suit truck frame width				Foot Type	Height mm	Weight kg	D Rating kN	CRN
Euro Truck		USA Truck						
Undrilled	Drilled 880mm	Undrilled	Drilled 952.6mm					
Part Number								
MP060 (960 x 665mm)	MP577 (960 x 775mm)	MP078 (1060 x 665mm)	MP579 (1060 x 665mm)					
662131317	662131284	662131313	662131283	150mm	190	169	200	29267
662131318	662131280	662131314	662131279	185mm	225	172	200	29267
662131319	662131272	662131315	662131271	225mm	265	170	152	29267
662131320	662131274	662131316	662131273	250mm	290	184	200	29267

Handle Options

Fifth Wheel with Extended Handle option (extra 250mm/10" longer)
For Extended Handle add "EH" after the part number.
Example: 66129627 into 66129627EH

- SG Iron construction
- Compliant to the ADR requirements



G36LB
Single Row Ballrace

G36LB - Low Lube 50 mm (2") Single Row Ballrace RIGHT/DRIVER SIDE HANDLE

SINGLE BALLRACE

Part Number							
Undrilled	Pre-drilled Mtg Holes @		Foot Type	Height mm	Weight kg	D Rating kN	CRN
	880mm ctr	952.6mm ctr					
TT800	TT811	TT810					
662106873	662106853	662106806	128mm	216	329	190	31825
662106874	662106854	662106803	150mm	238	333	190	31825
662106875	662106855	662106804	185mm	273	336	190	31825



G36LBD
Double Row Ballrace

G36LBD - Low Lube 50 mm (2") Double Row Ballrace RIGHT/DRIVER SIDE HANDLE

DOUBLE BALLRACE

Part Number			Foot Type	Height mm	Weight kg	D Rating kN	CRN
Undrilled	Pre-drilled Mtg Holes @						
	880mm ctr	952.6mm ctr					
TT820	TT831	TT830					
662106879	662106863	662106822	128mm	246	352	200	31825
662106880	662106864	662106824	150mm	268	356	200	31825
662106881	662106865	662106826	185mm	303	359	200	31825



G36S
Air Slider

G36S - 50 mm (2") Air Slider RIGHT/DRIVER SIDE HANDLE

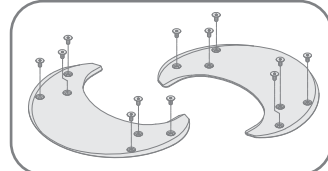
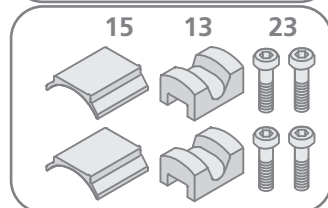
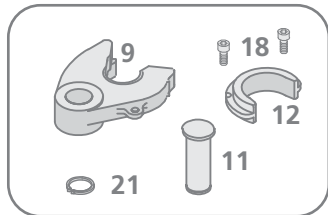
Part Number	Drill Centres	Foot Type	Height mm	Weight kg	D Rating kN	CRN
662206850	880mm	150mm	185	249	135	40101
662206650	952mm	150mm	185	249	135	40101
662206855	880mm	185mm	220	252	135	40101
662206655	952mm	185mm	220	252	135	40101

G36L SPARE PARTS

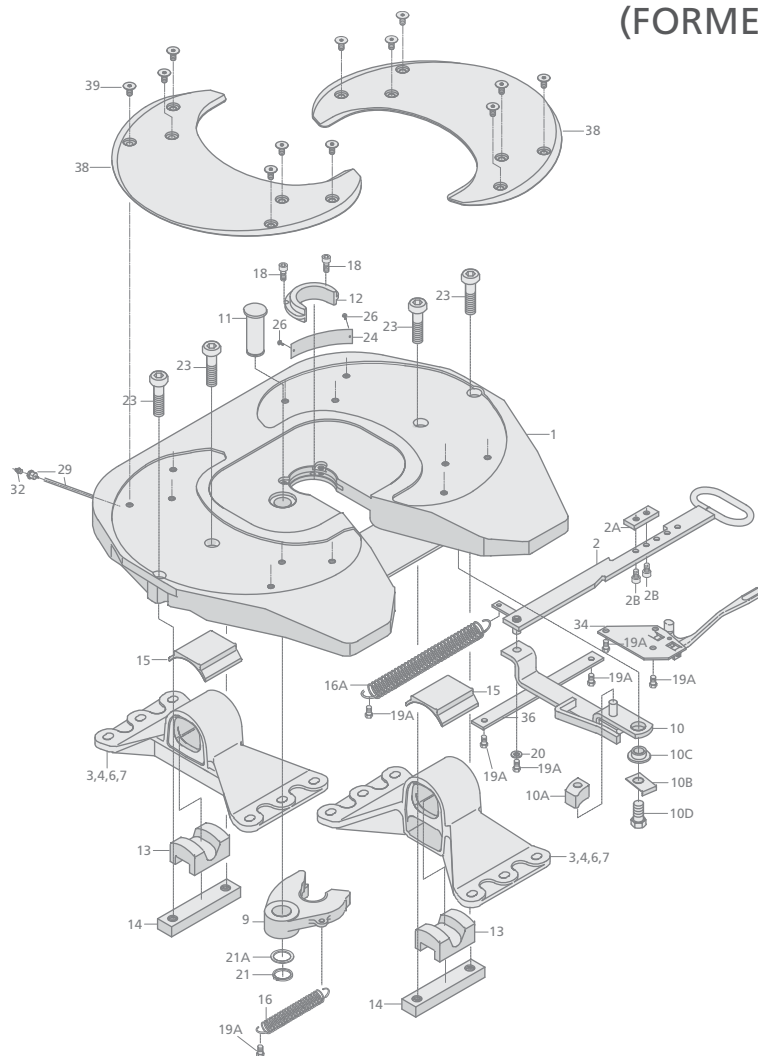
(FORMERLY SK-S 36.20W)



G36L Spare Part Kits



Kit Part No.	Description	Qty	Item
662 101 516	Repair Kit for Locking Mechanism and Bearings	1	9, 11, 12, 21
		2	13, 15, 18
		4	23
662 101 718	G36L Jaw Repair Kit - with holes drilled (holes suits older recoss system)		
662 101 770	MIDS/IDS Jaw Kit with sensor holes for G36/G36L Holes are drilled North/South		9, 11, 12, 21
662 101 534	Repair Kit for Plastic Wear Ring	1	12
		2	18
662 101 566	Repair Kit for Steel Wear Ring	1	12
		2	18
662 101 518	Repair Kit for Bearings	2	13, 15
		4	23
662 101 469	Repair Kit for Wear Plate	2	38
		12	39
662 131 150	Automatic Grease Dispenser		



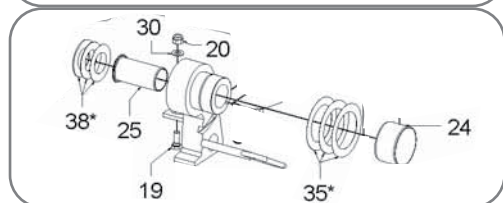
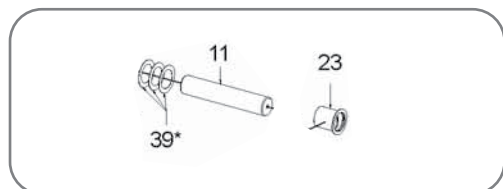
Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	662 131 0028	Low Lube Top Plate (No Pads)	1	14	662 129 388	Tensioning Bar	2
1	662 131 0038	Complete Low Lube Top Plate Assy	1	15	662 130 101	Bearing Insert	2
2	662 129 166	Operating Handle, complete (2a, 2b)	1	16	662 126 411	Tension Spring for Lock Hook	1
2	662 129 146	Operating Handle	1	16A	662 129 317	Tension Spring for Opening Handle	1
2A	662 129 158	Adjustment Plate	1	18	659 112 372	Cap Bolt	2
2B	659 112 371	Cap Bolt	1	19A	659 112 359	Hex. Bolt	7
3	662 129 383	Mounting Foot 128 mm	2	20	662 126 175	Washer	1
4	662 129 384	Mounting Foot 150 mm	2	21	659 100 027	Circlip	1
6	662 129 385	Mounting Foot 185 mm	2	21A	659 100 026	Supporting Washer	1
6	662 129 389	Mounting Foot 225 mm	2	23	659 112 365	Cap Bolt	4
7	662 129 386	Mounting Foot 250 mm	2	24	659 120 380	Manufacturer's Plate	1
9	662 131 107	Coupler Jaw	1	26	662 126 173	Rivet	2
10	662 129 156	Locking Hook	1	28	662 126 151	Hammer Rivet	1
10A	662 129 381	Stopper	1	29	659 144 106	Lubrication Tube	1
10B	662 129 387	Locking Plate	1	32	662 126 224	Grease Nipple	1
10C	662 129 374	Bush	1	34	662 129 153	Automatic Latch	1
10D	662 129 600	Hex. Bolt	1	35	662 129 147	Safety Flange	1
11	662 129 375	Pin	1	36	662 129 144	Guide Plate	1
12	662 131 114D	Wear Ring, Plastic (Black)	1	38	662 131 103	Wear Plate	2
12	662 129 377	Wear Ring, Steel	1	39	662 130 114	Flanged Screw	12
13	662 114 110	Rubber Damper	2				

G36H SPARE PARTS

(FORMERLY SK-S 36.20WH)



G36H Spare Part Kits



Kit Part No.	Description	Qty	Item
662 132 195	Repair kits for rocker bearing	2	11, 39*
		4	23
662 132 196	Repair kits for support bearing	2	19, 20, 24, 25, 30, 35*, 38*

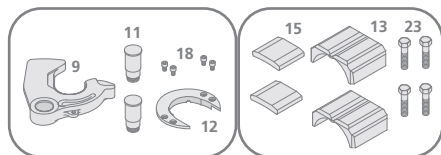
Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
	662 132 294	Complete Top Plate Dual Height Assy	1	27	662 132 135	Air inlet adaptor	1
	662 132 296	Complete Low Lube Top Plate Dual Height Assy	1	28	662 126 493	90° elbow connector	1
1	662 132 105	Base plate	1	29	659 144 142	Cap	4
2	662 132 161	Locking pin (RHS)	1	30	662 132 204	Washer	6
3	662 132 162	Actual Rod	1	31	662 132 214	Grease nipple	4
4	662 132 181	Left support 100 mm complete (25,29,31)	1	32	662 132 208	Spring washer	4
5	662 132 182	Right support 100 mm complete (25,29,31)	1	33	662 132 207	Hex. bolt	4
6	662 132 165	Rocker arm	1	42	662 132 172	Spring lock	2
7	662 132 170	Locking lever	1	43	662 132 171	Spring lock	1
8	662 132 119	Toothed wheel	1	44	662 132 183	Left support 150 mm complete (25,29,31)	1
10	662 132 205	Splint pin	1	45	662 132 184	Right support 150 mm complete (25,29,31)	1
11	662 132 110	Shaft	2	46	662 132 185	Left support 200 mm complete (25,29,31)	1
12	662 132 111	Right locking plate	1	47	662 132 186	Right support 200 mm complete (25,29,31)	1
13	662 132 155	Left locking plate	1	48	662 132 139	Bridge plate	1
14	662 132 120	Guide pipe	1	49	662 132 156	Operating valve (3/2-way valve)	1
15	662 132 206	Washer	8	50	662 132 169	Pneumatic tube	1
16	662 101 359	Hex. bolt	4	52	662 132 173	Locking pin (LHS)	1
17	662 132 202	Spring washer	2	53	662 132 174	Flanged bush	5
18	662 132 203	Hex. bolt	2	54	659 112 381	Cap bolt	5
19	662 132 211	Hex. bolt	2	57	659 115 314	Nut (not shown)	1
20	662 132 215	Locking nut	2	60	(available on request)	Fifth wheel top plate assembly	1
23	662 132 132	Bush	4	61	662 132 292	Shaft	2
24	662 132 130	Bush	2	62	659 112 627	Hex bolts	4
25	662 132 146	Bush	4	63	662 132 293	Spring pin	2
26	662 132 200	Air bellows	1				

G38 SPARE PARTS

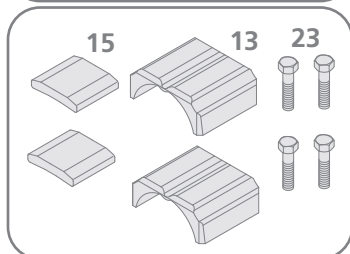
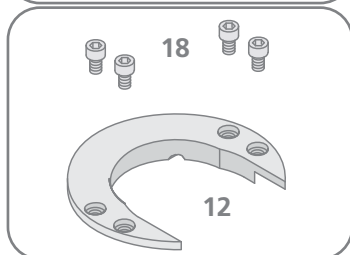
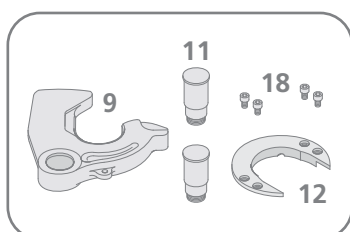
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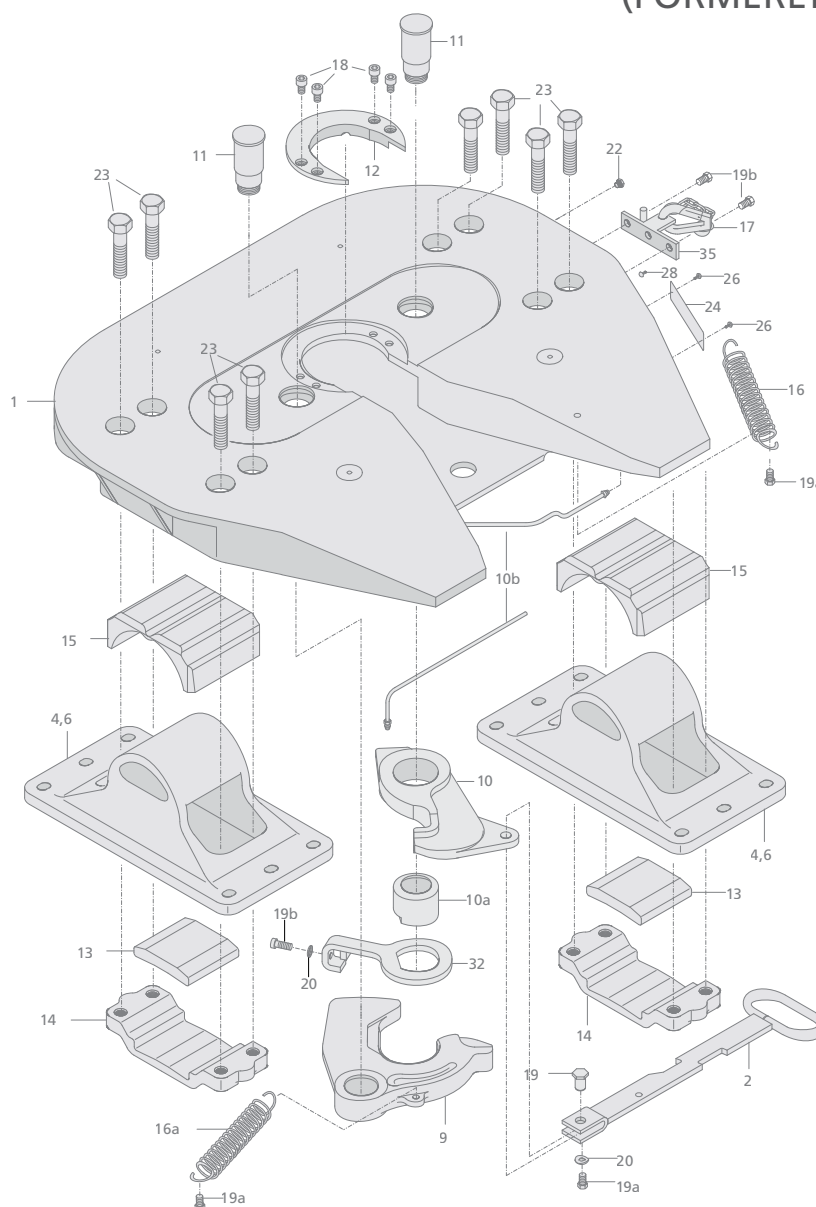


G38 Spare Part Kits



Kit Part No.	Description	Qty	Item
662 101 706	2" Repair kit for locking mechanism and bearings	1	9,12
		2	11,13,15
		4	18
		8	23
662 101 707	3½" Repair kit for locking mechanism and bearings	1	9,12
		2	11,13,15
		4	18
		8	23
662 101 708	2" Repair kit for locking mechanism	1	9,12
		2	11
		4	18
662 101 709	3½" Repair kit for locking mechanism	1	9,12
		2	11
		4	18
662 101 710	2" Repair kit for wear ring	1	12
		4	18
662 101 711	3½" Repair kit for wear ring	1	12
		4	18
662 101 457	2" Repair kit for bearings	2	13,15
		8	23
662 101 457	3½" Repair kit for bearings	2	13,15
		8	23
662 101 704	Conversion kit from 3½" to 2"	1	9,12,24
		2	26
		4	18
662 101 705	Conversion kit from 2" to 3½"	1	9,12,24
		2	26
		4	18





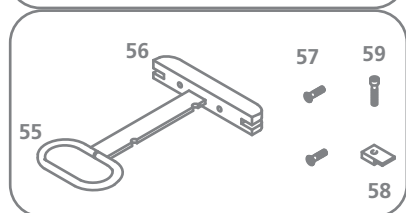
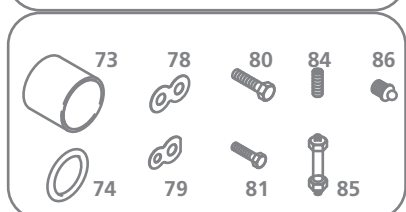
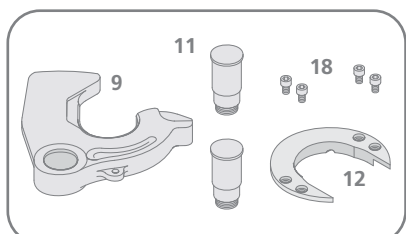
Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	662 111 254	Fifth wheel plate	1	16A	662 111 130	Tension spring	1
2	662 111 276	Operating handle	1	17	662 100 574	Carabiner hook with chain	1
4	662 111 293	Mounting bracket 150 mm	2	18	659 112 624	Cap bolt	4
6	662 111 256	Mounting bracket 190 mm	2	19	662 126 449	Pin	1
9	662 111 249	Coupler jaw, 2"	1	19A	659 112 359	Hex. bolt	3
9	662 111 247	Coupler jaw, 3½"	1	19B	659 112 358	Cap bolt	3
10	662 111 239	Locking hook	1	20	662 126 175	Washer	2
10A	662 111 317	Cam	1	22	662 126 224	Grease nipple	2
10B	659 144 106	Lubrication tube assembly	2	23	659 112 510	Hex. bolt	8
11	662 111 344	Pin	2	24	659 120 380	Type plate	1
12	662 111 342	Wear ring 2"	1	26	662 126 173	Rivet	2
12	662 111 343	Wear ring 3½"	1	28	662 126 151	Hammer rivet	1
13	662 111 259	Rubber damper	2	32	662 111 314	Fork	1
14	662 111 258	Tensioning bar	2	35	662 111 281	Safety flange	1
15	662 111 264	Bearing	2		662 111 345	Tube clamp (not shown)	1
16	662 126 410	Tension spring	1		662 111 346	Plug for lubrication tube (not shown)	1

G38D SPARE PARTS

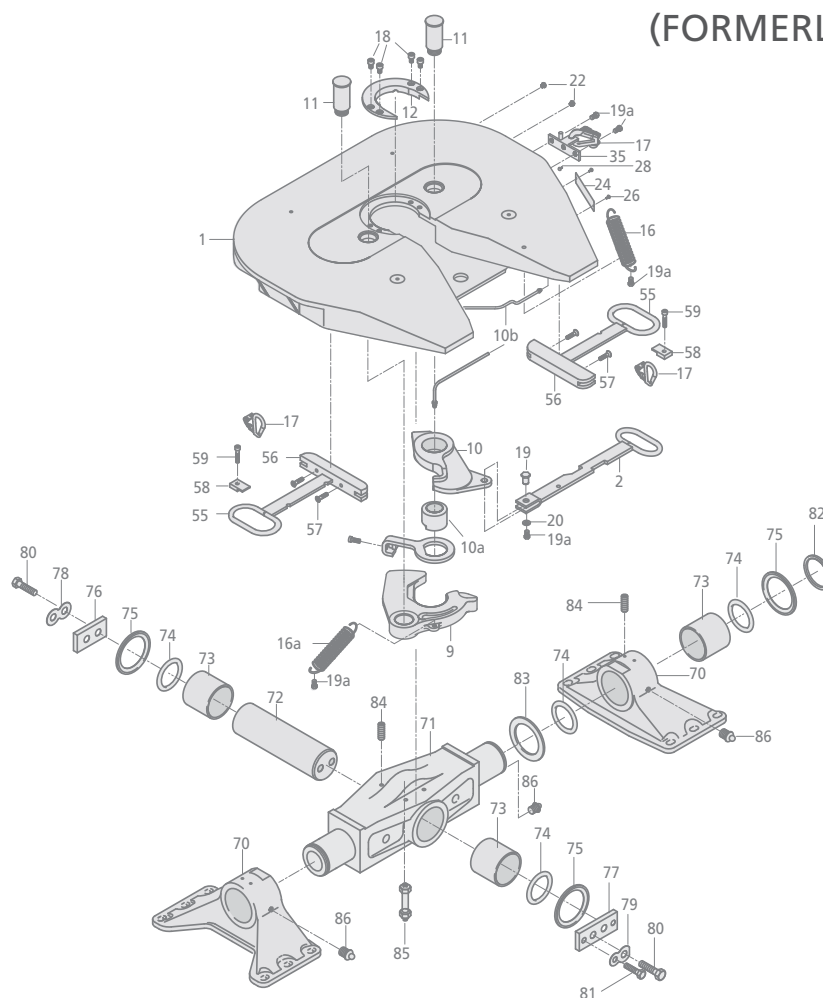
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G36D Spare Part Kits



Kit Part No.	Description	Qty	Item
662 101 708	Repair kit for locking mechanism 2"	1	9,12
		2	11
		4	18
662 101 709	Repair kit for locking mechanism 3½"	1	9,12
		2	11
		4	18
662 101 487	Repair kit for bearing sub-assembly 2"	1	78,79,81,84,85,86
		2	73,74,80
662 101 487	Repair kit for bearing sub-assembly 3 ½"	1	78,79,81,84,85,86
		2	73,74,80
662 111 313	Locking mechanism kit	2	55,56,58,59
		4	57
662 101 704	Conversion kit 3½" to 2"	1	9,12,24
		2	26
		4	18
662 101 705	Conversion kit 2" to 3½"	1	9,12,24
		2	26
		4	18



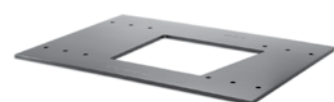
Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1	662 111 261	Fifth wheel plate	1	56	662 111 296	Stopper	2
2	662 111 276	Operating handle	1	57	662 100 371	Counter sink screw	4
9	662 111 247	Coupler jaw assembly 3½"	1	58	662 111 298	Locking plate	2
9	662 111 249	Coupler jaw assembly 2"	1	59	662 126 155	Cap bolt	2
10	662 111 239	Locking hook assembly	1	70	662 111 299	Mounting bracket	2
10A	662 111 317	Cam complete	1	71	662 111 303	Rocker arm	1
10B	659 144 106	Lubrication tube assembly 2 659	2	72	662 111 306	Trunnion pin	1
11	662 111 347	Pin	2	73	662 111 300	Bearing sleeve	4
12	662 111 343	Wear ring 3½"	1	74	662 111 301	O-ring	6
12	662 111 342	Wear ring 2"	1	75	659 122 075	Spacing washer	4
16	662 126 410	Tension spring	1	76	662 111 304	Plate	1
16A	662 111 130	Tension spring	1	77	662 111 307	Counterplate	1
17	662 100 574	Carabiner hook with chain	3	78	662 111 305	Locking plate	1
18	659 112 624	Cap screw	4	79	662 111 308	Locking plate	2
19	662 126 449	Pin	1	80	662 111 203	Hex. bolt	4
19A	659 112 359	Hex. bolt	2	81	659 112 320	Hex. bolt	2
20	662 126 175	Washer	1	82	662 111 302	Circlip	2
22	662 126 224	Grease nipple	2	83	659 122 074	Spacing washer	2
24	659 120 380	Type plate	1	84	662 111 311	Cylindrical notched pin	8
26	662 126 173	Rivet	2	85	662 111 312	Grease nipple assembly	1
28	662 126 151	Hammer rivet	1	86	662 126 224	Grease nipple	6
35	662 111 281	Safety flange	1		662 111 096	Complete base assembly (not shown)	
55	662 111 297	Operating handle	2				



ISO Bolt On Feet

GF Series ISO Feet

Part Number	Description	Height mm	Weight kg
662 129 383	Mounting Foot 128 mm	128	12
662 129 384	Mounting Foot 150 mm	150	13
662 129 385	Mounting Foot 185 mm	185	14
662 129 389	Mounting Foot 225 mm	225	14
662 129 386	Mounting Foot 250 mm	250	19



Flat Mounting Plate

G36 Series Flat Mounting Plates - ISO

Part Number	Description	Drilled mm	Plate Dim. mm	Height mm	Weight kg
6621013018	MP301 960 x 710	No	960 x 710	16	85
6621016028	MP602 1060 x 710	No	1060 x 710	16	94
6621016868	MP686 1060 x 710 suit 128mm FW	No	1060 x 710	16	66
6621016908	MP690 960 x 710 suit 128mm FW	No	960 x 710	16	60
6621016878	MP687 1060 x 710	952	1060 x 710	16	94
6621016898	MP689 1060 x 710 suit 128mm FW	952	1060 x 710	16	66
6621015808	MP580 960 x 710	880	960 x 710	16	85
6621016918	MP691 960 x 710 suit 128mm FW	880	960 x 710	16	60



Ripple Mounting Plate

G36 Series Ripple Mounting Plates - ISO

Part Number	Description	Drilled mm	Plate Dim. mm	Height mm	Weight kg
6621010608	MP060 960 x 665 x 10	No	960 x 665	40	45
6621010788	MP078 1060 x 665 x 10	No	1060 x 665	40	49
6621011068	MP106 960 x 665 x 10	No	960 x 665	22	41
6621011998	MP199 1060 x 665 x 10	No	1060 x 665	22	45
6621015778	MP577 960 x 775 x 10	880	960 x 775	40	54
6621015798	MP579 1060 x 665 x 10	952	1060 x 665	40	49
6621010688	MP060 960 x 665 x 40	880	960 x 665	40	45



Single Row Ballrace

G36 Series Single Row Ballrace - ISO

SINGLE BALLRACE

Part Number	Description	Drilled	Plate Dim. mm	Height mm	Weight kg
662106800	TT800 Single Row Ballrace Sub Assembly		1050x1020x16	88	213
662106811	TT811 Vehicle Mnt Holes @ 880mm ctr	Drilled	1050x1020x16	88	213
662106810	TT810 Vehicle Mnt Holes @ 952.6mm ctr	Drilled	1050x1020x16	88	213

G36 Series Double Row Ballrace - ISO

DOUBLE BALLRACE

Part Number	Description	Drilled	Plate Dim. mm	Height mm	Weight kg
662106820	TT820 DR Ballrace sub-assembly		1050x1020x16	118	236
662106831	TT831 Vehicle Mnt Holes @ 880mm ctr	Drilled	1050x1020x16	118	236
662106830	TT830 Vehicle Mnt Holes @ 952.6mm ctr	Drilled	1050x1020x16	118	236



Mounting Bolts

G36 Series Mounting Bolts

Part Number	Description	Quantity
6621016508	MK 650 FW to Flat Plate G36/G36L ISO Feet Bolt Kit M16	
659112517	Countersunk Screw M16x1.5x55	12
659115308	Safety Nut M16 x 1.5	12
6621016518	MK 651 FW to Flat Plate G36/G36L ISO Feet Bolt Kit M16	
659112515	Hex. Bolt M16 x 1.5 x 60	4
659112517	Countersunk Screw M16x1.5x55	8
659115308	Safety Nut M16 x 1.5	12
6621016528	MK 652 FW to Ripple Plate G36/G36L ISO Feet Hex Bolt Kit	
659112515	Hex. Bolt M16 x 1.5 x 60	12
659115308	Safety Nut M16 x 1.5	12
6621016538	MK 653 MP to Truck Angles G36/G36L Bolt Kit 8x3/4	
78410075	3/4 High Tensile Flat Washer	16
C21518	3/4 UNF Conelock Nut HT ZP	8
C29527	3/4UNFX2.250 GR 8 Hex Bolt BB	8
6621016548	MK 654 MP to Truck Angles G36/G36L Bolt Kit - 12 x 5/8	
C21517	5/8 UNF Conelock Nut HT ZP	12
C58HTZPGW	5/8 High Tension Flat Washer	24
C77442	5/8 UNF X 2.5 GR 8 Hex Bolt ZP	12
662101725	MK 725 MP to Truck Angles MK725 Bolt Kit 12 x 3/4 Bolts	
78410075	3/4 High Tensile Flat Washer	24
C21518	3/4 UNF Conelock Nut HT ZP	12
C29527	3/4UNFX2.250 GR 8 Hex Bolt BB	12

V20 SLIDER SPARE PARTS

(FORMERLY SK-V 20)



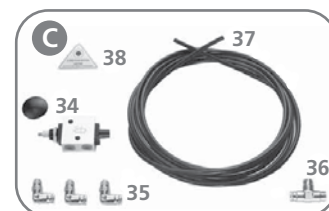
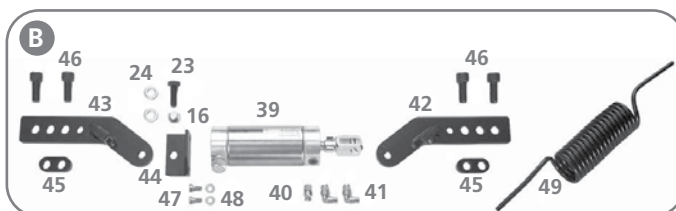
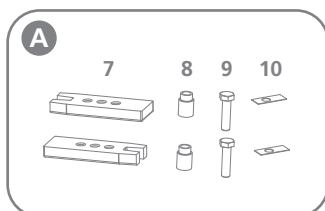
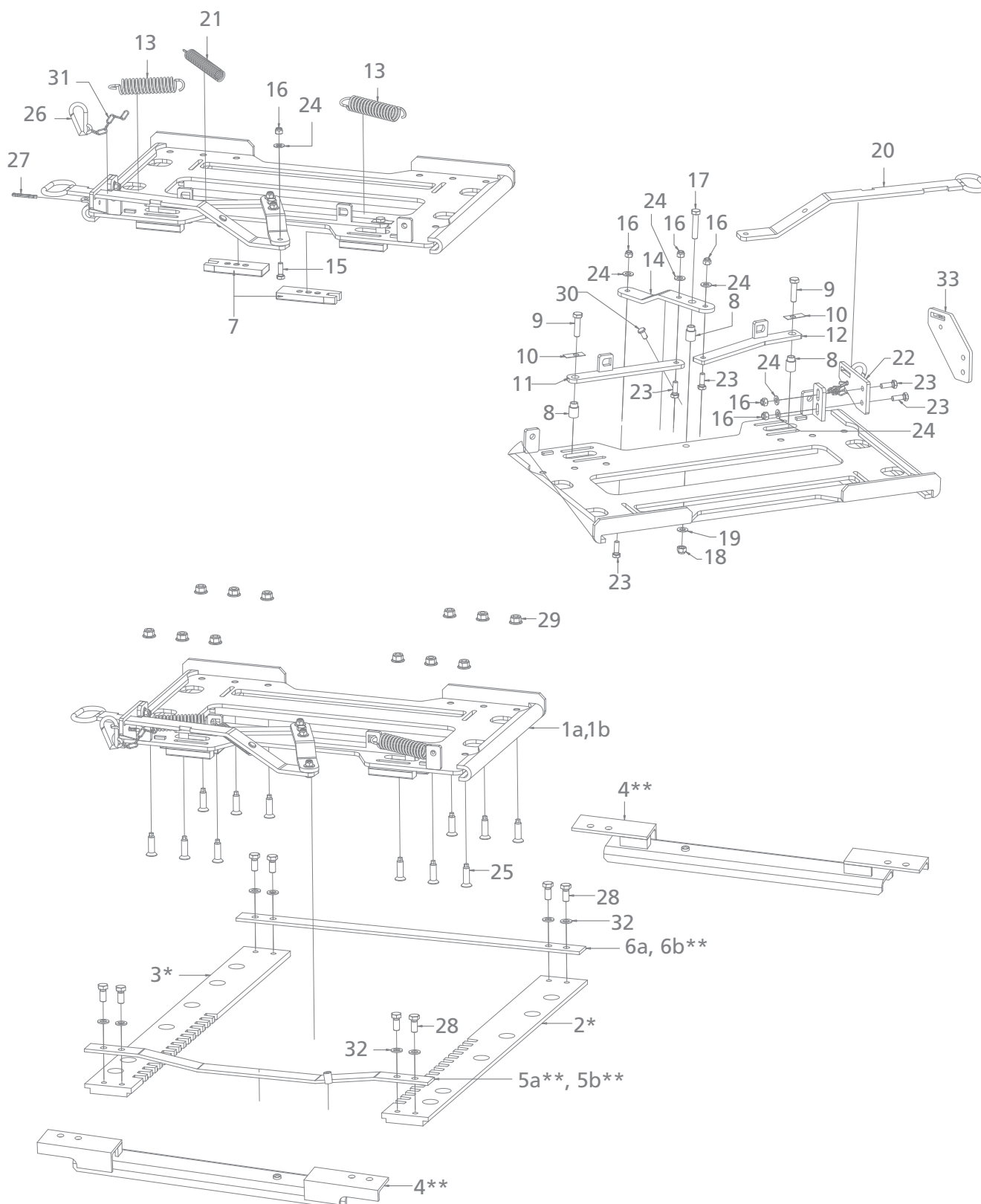
Kit Part No.	Description	Qty	Item
662 101 736	A Repair Kit for Locking System	2	7, 8, 9, 10
662 101 801	B Slider Conversion Kit , (Converts from Manual to Air Operation)	1	39, 40, 42, 43, 44, 23, 16, 49, 50
		2	41, 45, 24, 47, 48,
		4	46
662 101 802	C Pneumatic Installation Kit	1	34, 36, 37, 38
		3	35

Item	Part No.	Description	Qty	Item	Part No.	Description	Qty
1a	662 132 100	Carriage complete (mounting width 780 - 900)	1	17	659 112 629	Hex. bolt	1
1b	662 132 102	Carriage complete (mounting width 900+)	1	18	659 115 514	Nut	1
2*	662 205 014	Slotted base rail left (without predrilled holes)	1	19	662 101 472	Washer	1
2*	662 205 016	Slotted base rail left (Iveco)	1	20	662 205 048	Operating handle	1
2*	662 205 018	Slotted base rail left (Daimler Chrysler)	1	21	662 205 049	Tension spring	1
2*	662 205 022	Slotted base rail left (Scania/DAF)	1	22	662 205 050	Lever support (90mm)	1
2*	662 205 024	Slotted base rail left (MAN)	1	23	659 112 630	Hex. bolt	5
2*	662 205 030	Slotted base rail left (Volvo Standard)	1	24	662 132 204	Washer	5
2*	662 205 033	Slotted base rail left (Volvo light, RVI)	1	25	662 205 054	Counter sink screw	12
2*	662 206 050	Slotted base rail left (Australia/NZ)	1	26	659 130 026	Carabiner hook	1
3*	662 205 015	Slotted base rail right (without predrilled holes)	1	27	662 126 184	Splinter pin	1
3*	662 205 017	Slotted base rail right (Iveco)	1	28	659 112 631	Hex. bolt	8
3*	662 205 019	Slotted base rail right (Daimler/Chrysler)	1	29	659 115 308	Nut, special	12
3*	662 205 023	Slotted base rail right (Scania/DAF)	1	30	650 110 217	Pin	1
3*	662 205 025	Slotted base rail right (MAN)	1	31	659 130 027	Chain for carabiner hook	1
3*	662 205 031	Slotted base rail right (Volvo Standard)	1	32	662 126 159	Washer	8
3*	662 205 034	Slotted base rail right (Volvo light, RVI)	1	33	662 205 051	Lever support (180mm)	1
3*	662 206 051	Slotted base rail right (AUS/NZ)	1	34	659 144 155	3/2-valve with push button	1
4**	662 205 090	Cross bar (Scania 6x2)	2	35	659 144 158	Connector (1/8" swivel - 6mm - self sealing thread)	3
4**	662 205 091	Cross bar (MAN 6x2)	2	36	659 144 159	Connector (T-piece - 6mm)	1
4**	662 205 092	Cross bar (Volvo)	2	37	659 144 162	Pneumatic Tube (6x1 PHL-10m)	1
5a**	662 205 032	Stop bar front (mounting width 780 - 900)	1	38	659 120 421	Sticker	1
5b**	662 206 052	Stop bar front (mounting width 900+)	1	39	659 205 070	Pneumatic Cylinder Assembly	1
6a**	662 205 012	Stop bar back (mounting width 780 - 900)	1	40	659 144 156	Connector (1/4" - 6mm - self sealing thread)	1
6b**	662 206 053	Stop bar back (mounting width 900+)	1	41	659 144 157	Connector (1/4" swivel - 6mm - self sealing thread)	2
7	662 205 035	Locking finger	2	42	662 205 063	Locking Lever Left	1
8	662 205 036	Bush	3	43	662 205 064	Locking Lever Right	1
9	659 112 628	Hex. Bolt	2	44	662 205 065	Angle	1
10	662 205 038	Locking plate	2	45	662 205 067	Spacer	2
11	662 205 039	Locking lever left	1	46	659 112 383	Hexagon Socket Screw (M14x35 10.9)	4
12	662 205 040	Locking lever right	1	47	659 112 371	Hex. Bolt (M8x16 8.8)	2
13	662 205 041	Tension spring	2	48	662 132 213	Washer (A8.4)	2
14	662 205 042	Pivot arm	1	49	659 144 154	Spiral Tube (6x1 - PHL (Y))	1
15	659 112 632	Hex. bolt	1	50	662 205 037	Pneumatic Adapter (not shown)	1
16	662 132 215	Nut	5				

* Items 2 and 3: Slotted base rails in the standard version without holes and only available as set (left and right models)

** Scania 6x2 and MAN 6.2 models: Items 5a and 6a replaced by 2x item 4 cross bar

** Volvo model: Item 5b and 6b replaced 2x item 4 cross bar



SERVICE TOOLS, ACCESSORIES & EQUIPMENT



662 102 031
662 102 041



659 920 032
659 920 033

G36 Series

Part Number	Description
662 102 031	Anti-theft Lock Assembly 50mm
662 102 041	Anti-theft Lock Assembly 90mm
659 920 032	Reference Gauge 50mm
659 920 033	Reference Gauge 90mm



PH300

PINTLE HOOK - Rigid Mount (With Air Cushioned Snubber)

Part Number	Maximum Vertical Load	Maximum Gross Trailer Weight	Length mm	Weight kg	D Rating kN	CRN
PH300	8,165 kg	32,659 kg	*184.1	19	165	24295

* Length Dimension is external to mounting structure. The added measurement is 146.3 mm.
 Drawbar Eye Dimensions: 60.4 mm to 76.2 mm I.D. with 31.7 mm to 41.4 mm diameter section.
 The complete assembly includes a pintle body, plunger, air chamber, and mounting brackets.
 For pintle hooks without an air chamber, bracket, or plunger, order PH310RN21.
 The PH300 can be operated with or without the air chamber.



PHT60AOL8

PINTLE HOOK - Rigid Mount - 50-76mm

Part Number	Maximum Vertical Load	Maximum Gross Trailer Weight	Length mm	Weight kg	D Rating kN	CRN
PHT60AOL8	2,722 kg	13,608 kg	159.7	5	35	26465

Drawbar Eye Dimensions: 50.8 mm to 76.2 mm I.D. with 31.7 mm to 41.4 mm diameter section.
 For off-road applications, reduce the stated capacities by 25% and use with a swivel-mount drawbar.



DB1385

DRAWBAR - Rigid Mount Bolt-On - 76mm

Part Number	Maximum Vertical Load	Maximum Gross Trailer Weight	Length mm	Weight kg	D Rating kN	CRN
DB1385	6,804 kg	27,216 kg	173.4	8.6	165	24296

When used with hinged tongue trailers, where the maximum vertical load cannot exceed 227kg (500 lbs.) the maximum gross trailer weight is 40,824 kg (90,000 lbs.).
 Not designed to be welded to a trailer tongue.
 For off-road applications, reduce the stated capacities by 25% and use with a swivel-mount device.



DB61030S

DRAWBAR - Sub Assembly (Swivel) - 76mm

Part Number	Maximum Vertical Load	Maximum Gross Trailer Weight	Length mm	Weight kg	D Rating kN	CRN
DB61030S	4,082 kg	20,412 kg	434.9	16.3	150	42325

When used with hinged tongue trailers, where the maximum vertical load cannot exceed 227kg (500 lbs.) the maximum gross trailer weight is 38,556 kg (85,000 lbs.).



DB61030

DRAWBAR - Sub Assembly (Fixed) - 76mm

Part Number	Maximum Vertical Load	Maximum Gross Trailer Weight	Length mm	Weight kg	D Rating kN	CRN
DB61030	4,082 kg	20,412 kg	434.9	16.3	150	42325

When used with hinged tongue trailers, where the maximum vertical load cannot exceed 227kg (500 lbs.) the maximum gross trailer weight is 38,556 kg (85,000 lbs.).

GA380

Automatic couplings



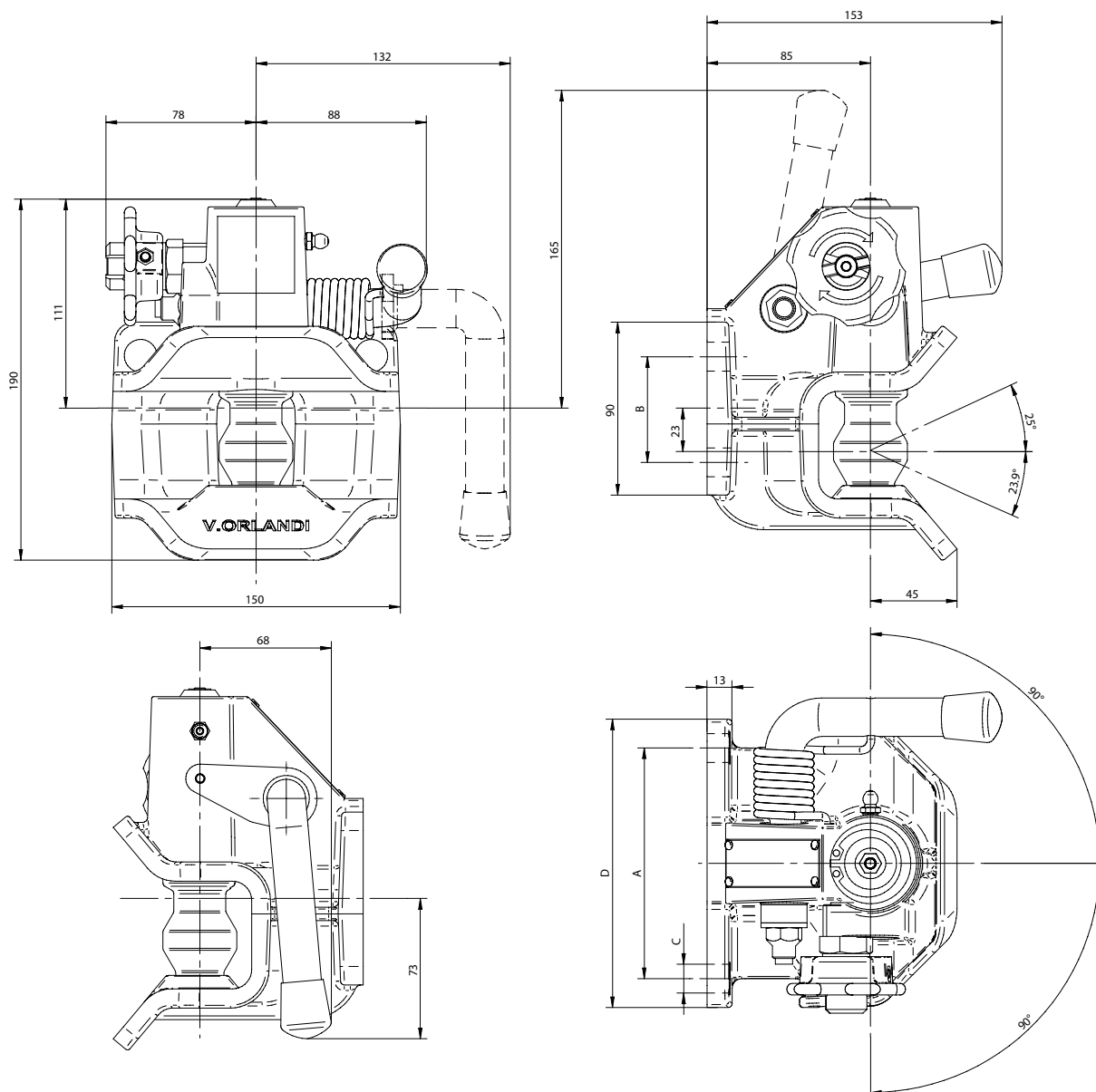
For drawbar eyes

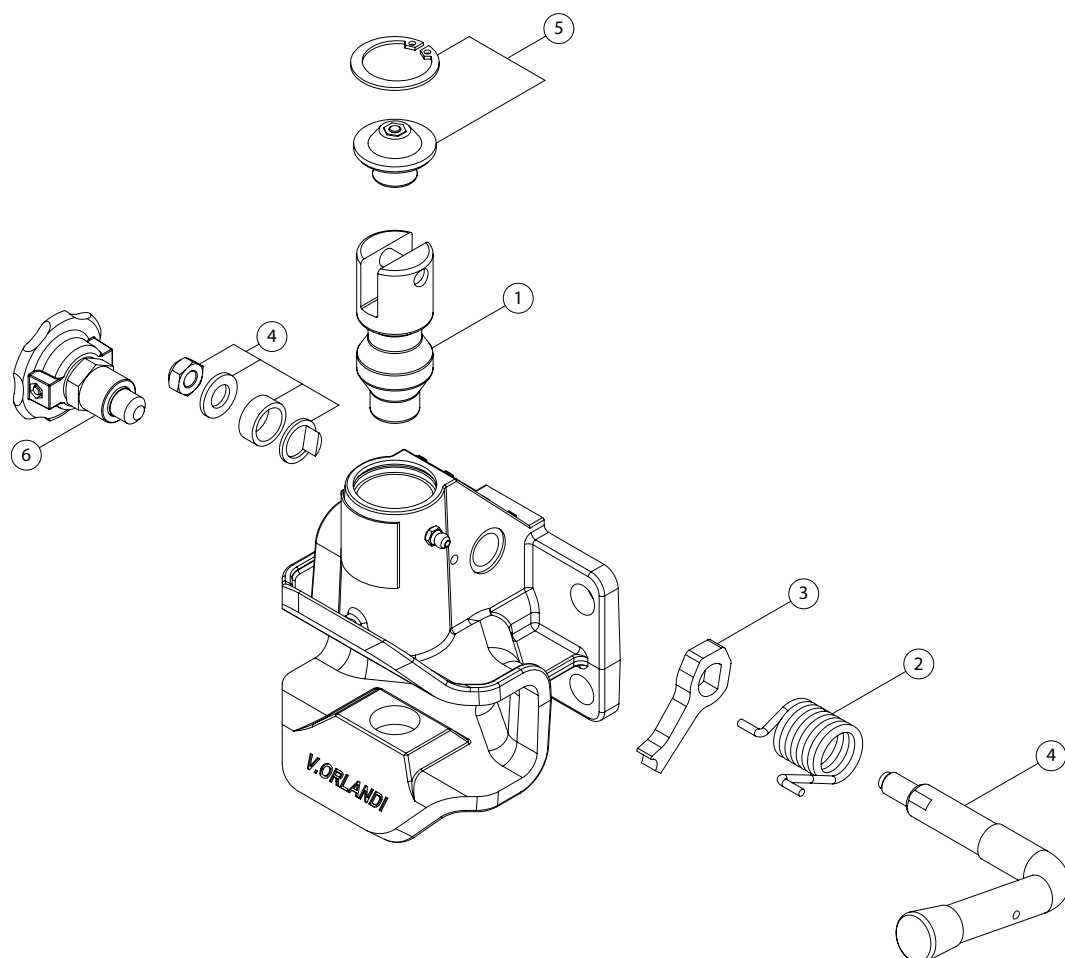
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DIN 74054

Technical data

Standard part number	Hole pattern mm	D-Value kN	Dc-Value kN	S-Load kg	V-Value kN	Weight kg	Homologation	
GA380A0	120 x 55	30	30	350	18	5,8	ECE 55R 01	CRN
							E11 55R 01 3282	37744





POS.	Part number	Description
1	RG00254	TOW PIN
2	RG00255	OPERATING SPRING
3	RG00256	LOCKING PIN
4	RG00257	OPERATING HANDLE
5	RG00258	KIT C-CLIP AND CAP
6	RG00335	KIT SAFETY DEVICE

GE406

Automatic couplings



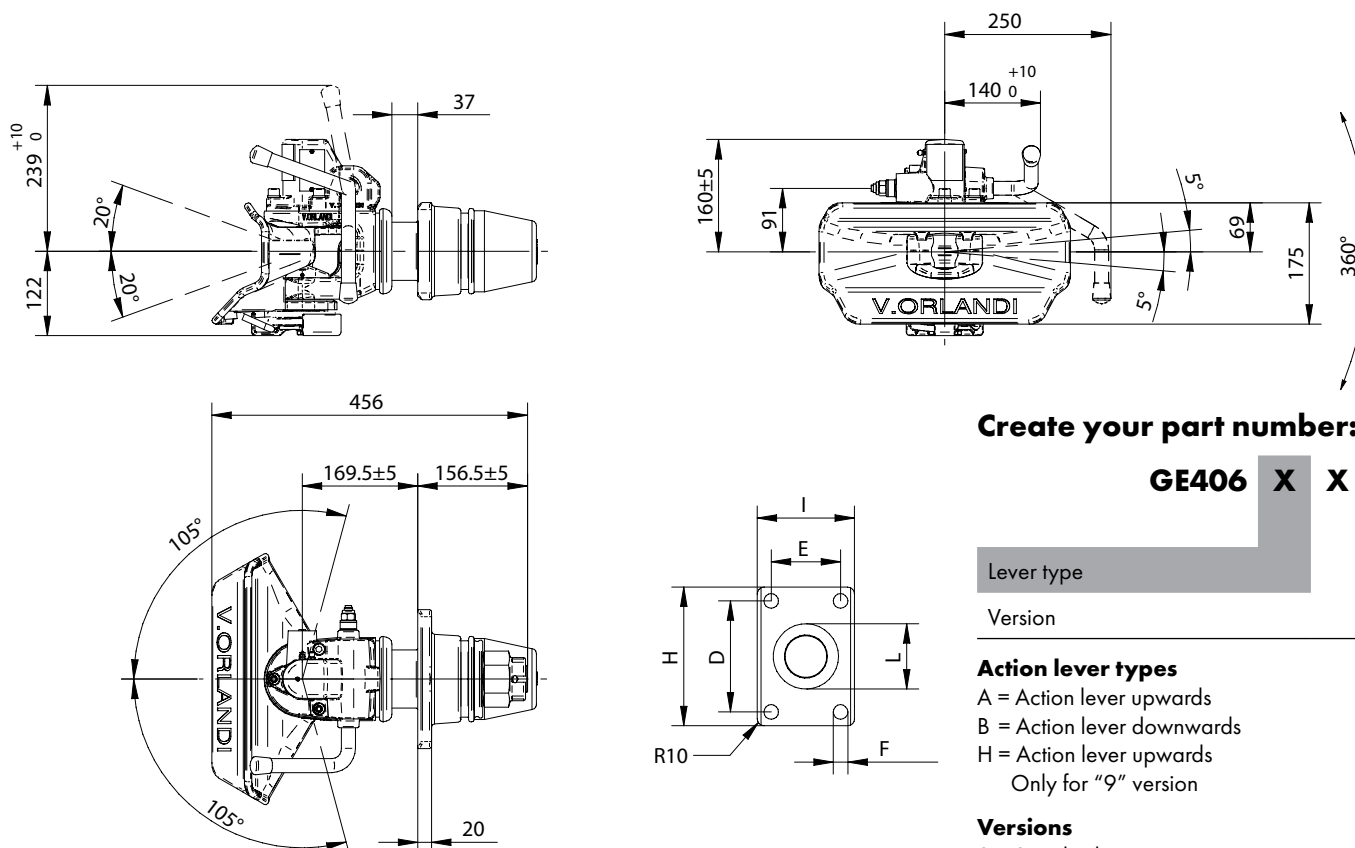
For drawbar eyes

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DIN 74054

Technical data

Standard part number	Hole pattern mm	D-Value kN	Dc-Value kN	S-Load kg	V-Value kN	Weight kg	Class	Homologation	
								CRN	ECE R55 01
GE406B0	160 x 100	150	100	1000	42	37,5	S	37724	E11 55R-014227



Create your part number:

GE406 X X

Lever type

Version

Action lever types

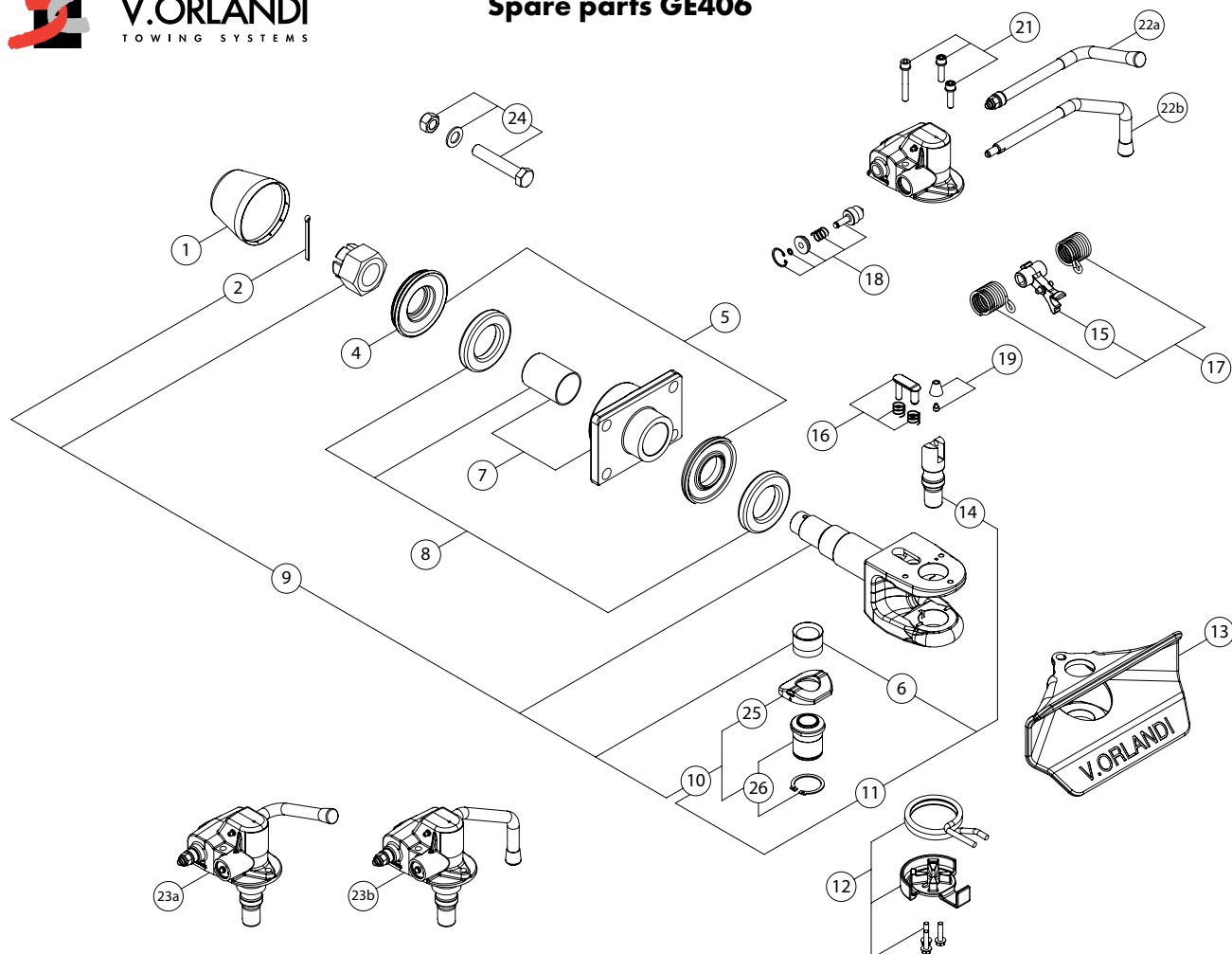
- A = Action lever upwards
- B = Action lever downwards
- H = Action lever upwards
- Only for "9" version

Versions

- 0 = Standard
- 1 = Standard + CO02601
- 3 = Standard + CO02602
- 4 = Standard + CO02600
- 9 = Standard + CO02601 + CO02200

Lever type	Version				
A/B	1	3	4	9	

Spare parts GE406



POS.	Part number	Description
1	RG00603	DUST CAP
2	RG00064	SPLIT PIN
4	RG00175	REAR FLANGE
5	RG00189	KIT FRONT / REAR FLANGES
6	RG00149	UPPER BUSH
7	RG00192	KIT COUPLING FLANGE AND BUSH
8	RG00183	KIT RUBBER BUFFERS AND FLANGE BUSH
9	RG00494	KIT TIE-ROD
10	RG00495	KIT LOWER BUSH WITH STEEL WEAR PAD
11	RG00303	KIT COUPLING PIN, BUSHES AND STEEL WEAR PAD (E40 REBUILD KIT)
12	RG00529	KIT RELOCATING SPRING
13	RG00304	BELL-MOUTH
14	RG00497	TOW PIN PACIFIC
15	RG00306	LOCKING PIN
16	RG00307	KIT COUPLING JAW LOCK PIN
17	RG00308	KIT MECHANISM SPRINGS
18	RG00309	KIT SAFETY DEVICE
19	RG00310	KIT CONE SPRING
21	RG00312	KIT MECHANISM SCREWS
22A	RG00186	OPERATING HANDLE "A" TYPE
22B	RG00187	OPERATING HANDLE "B" TYPE
23A	RG00353	KIT OPERATING UNIT "A" TYPE
23B	RG00354	KIT OPERATING UNIT "B" TYPE
24	RG00132	KIT MOUNTING BOLTS
25	RG00315	STEEL WEAR PAD
26	RG00498	LOWER BUSH

ATTENTION: Pos. 24 is NOT included.

E550 50mm Automatic Coupling

50mm coupling with pin sensor and air cylinder options

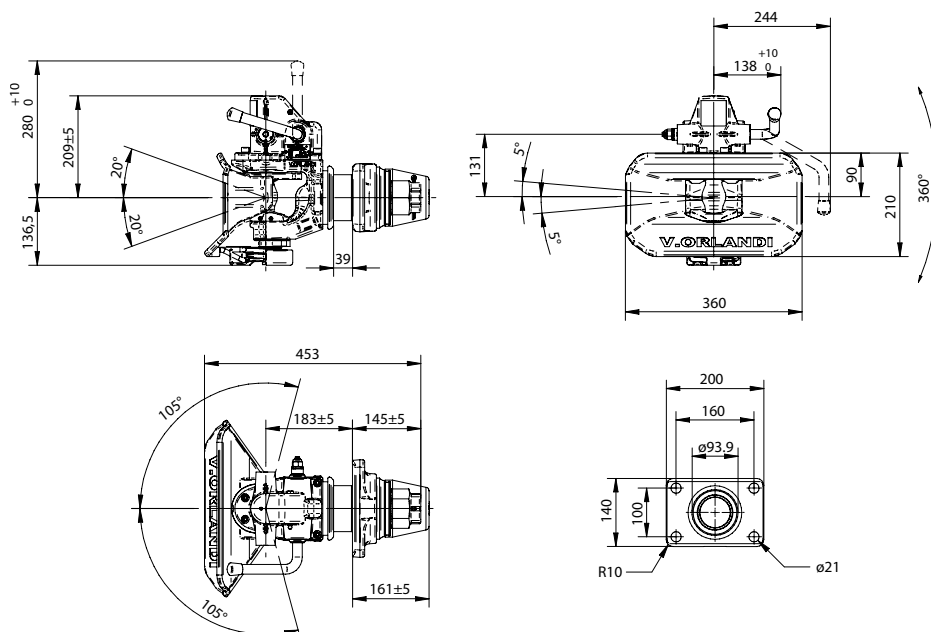


For drawbar eyes	Ø 50	ECE R55-01
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Technical data

Standard part number	Description	Hole pattern mm	D-Value kN	Dc-Value kN	S-Load kg	V-Value kN	Weight kg	Class	Homologation		
									ECE R55 01	CRN	
E550B0P	50mm - Plastic Pad	160 x 100	330	135	1000	75	41,5	C50 X	55R 01 10490	50458	
E550B0M	50mm - Metal Pad										
E550B3P	50mm - Plastic & Sensor										
E550B3M	50mm - Metal & Sensor										
E550A7P	50mm & Air System				2500	50					
E550A7M	50mm & Air System										

*Other options available below with different handle/sensors/lights etc.



Create your part number:

E550 X X X

Lever type

Version

Wearing pad types

Action lever types

A = Action lever upwards

B = Action lever downwards

Versions

1 = Standard + CO01601

2 = Standard + CO02800

3 = Standard (CO01603 included)

4 = Standard + CO02600

6 = Standard + CO01606

7 = Standard + CO01400 (with Open/Closed LED Indicators on Valve Box)

9 = Standard + CO02100 (with Open/Closed LED Indicators on Valve Box)

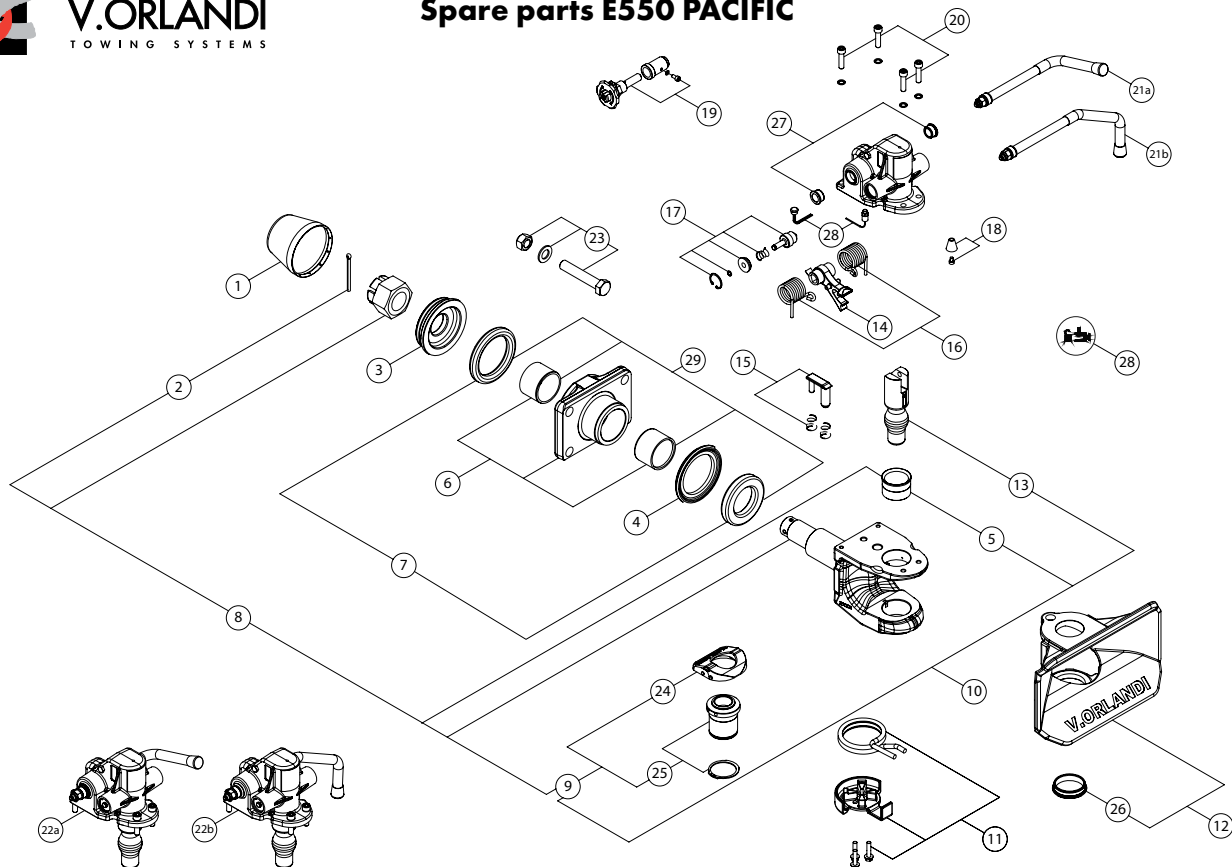
Wearing pad type

M = Steel wearing pad

P = Plastic wearing pad

Lever type	Version						
A/B	1	2	3	4	6	7	9

Spare parts E550 PACIFIC



POS.	All types	E550B3M E550A3M	E550B3P E550A3P	Description
1	RG00603			DUST CAP
2	RG00678			SPLIT PIN
3	RG00632			REAR FLANGE
4	RG00173			FRONT FLANGE
5	RG00604			UPPER BUSH
6	RG00605			KIT COUPLING FLANGE AND BUSHES
7	RG00688			KIT POLYURETHANE BUFFERS
8 (2, 5, 8, 9)			RG00680	RG00679 KIT TIE-ROD AND STEEL WEAR PAD - RG00680 KIT TIE-ROD + PLASTIC WEAR PAD
9			RG00610	RG00609 KIT LOWER BUSH WITH STEEL WEAR PAD - RG00610 KIT LOWER BUSH WITH PLASTIC WEAR PAD
10		RG00623	RG00624	E550 REBUILT KIT: WITH PLASTIC WEAR PAD (RG00624), WITH METAL WEAR PAD (RG00623)
11	RG00529			KIT RECALLING SPRING SUPPORT
12	RG00587			KIT BELL MOUTH AND BRONZE BUSH
13	RG00612			TOW PIN
14	RG00188			LOCKING PIN
15	RG00179			KIT BELL-MOUTH LOCK PIN
16	RG00178			KIT MECHANISM SPRINGS
17	RG00181			KIT SAFETY DEVICE
18				KIT CONE SPRING
20	RG00185			KIT MECHANISM BOLTS
21A		RG00186	RG00186	OPERATING HANDLE "A" TYPE
21B		RG00187	RG00187	OPERATING HANDLE "B" TYPE
22A		RG00615	RG00615	KIT OPERATING UNIT "A" TYPE
22B		RG00616	RG00616	KIT OPERATING UNIT "B" TYPE
23				KIT MOUNTING BOLTS (not included)
24		RG00614	RG00613	RG00613 PLASTIC WEAR PAD - RG00614 STEEL WEAR PAD
25	RG00611			KIT LOWER BUSH
26	RG00585			BELL-MOUTH BRONZE BUSH
27	RG00586			KIT OPERATING BOX BRONZE BUSHES
28				KIT IN-CABIN RED LIGHT
29	RG00689			KIT POLYURETHANE BUFFER & FLANGE BRONZE BUSHES

ATTENTION: Pos. 23 is NOT included.

E551 50mm

Automatic drawbar couplings with mechanical device



For drawbar eyes	Ø 50	ECE R55-01
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Technical data

Standard part number	Hole pattern mm	D-Value kN	Dc-Value kN	S-Load kg	V-Value kN	Weight kg	Class	Homologation	
								ECE R55 01	CRN
E551BOM E551BOP E551COM E551COP	160 x 100	330	135	1000	75	42	C50 X	55R 01 10490	50458
				2500	50				

Create your part number:

E551 X X X

Lever type

Version

Wearing pad types

Action lever types

B = Action lever downwards

C = Long action lever downwards

Versions

0 = Standard

1 = Standard + CO02601

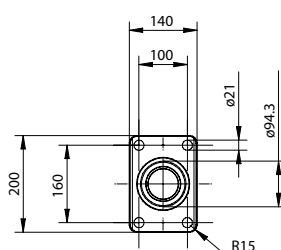
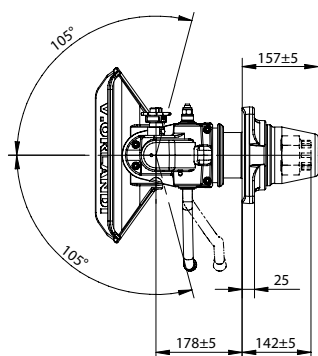
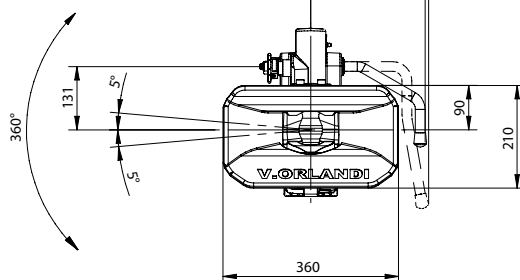
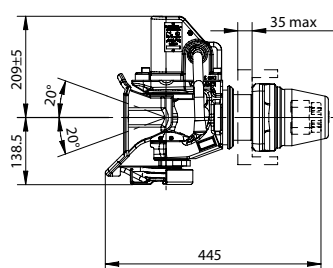
3 = Standard + CO01603

6 = Standard + CO01606

Wearing pad type

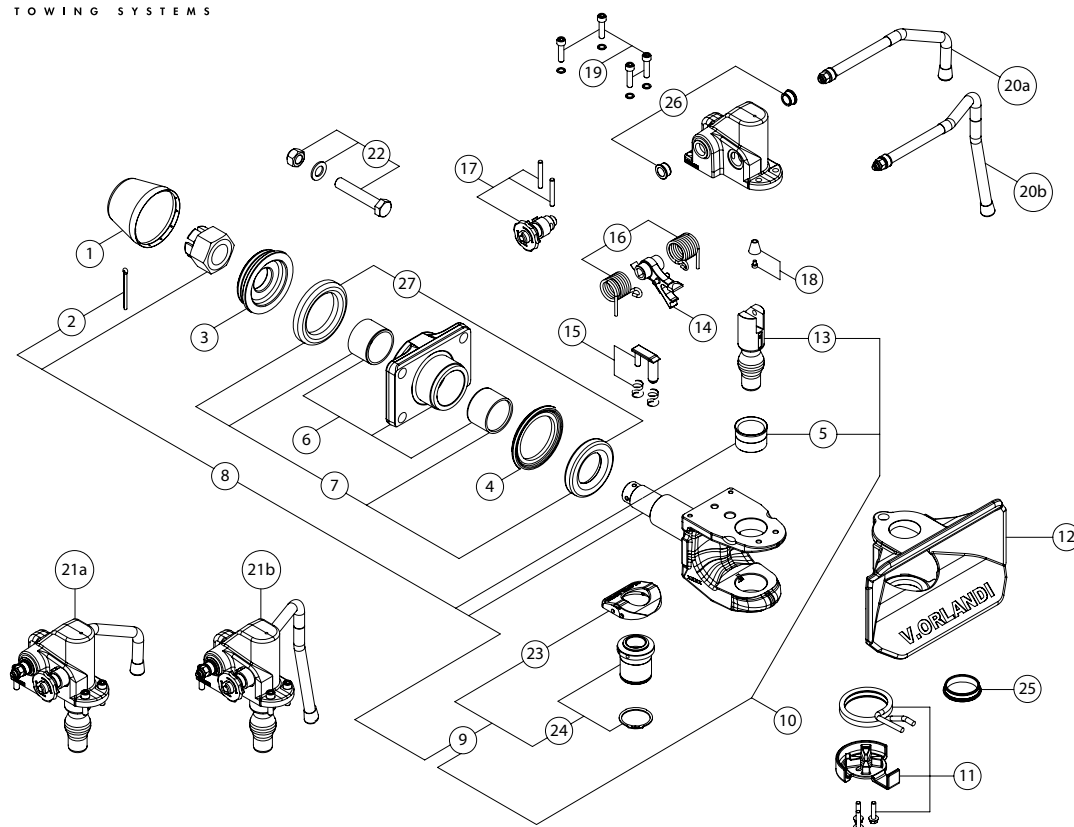
M = Steel wearing pad

P = Plastic wearing pad



Lever type		Version		
B	C	1	3	6
		RED GREEN ORANGE	RED	GREEN

Spare parts E551 50mm



POS.	All types	E551BOM	E551BOP	E551COM	E551COP	Description
1	RG00603					DUST CAP
2	RG00678					SPLIT PIN
3	RG00632					REAR FLANGE
4	RG00173					FRONT FLANGE
5	RG00604					UPPER BUSH
6	RG00605					KIT COUPLING FLANGE AND BUSHES
7	RG00689					KIT POLYURETHANE RUBBER BUFFERS AND BRONZE BUSHES
8			RG00680		RG00680	RG00679 KIT TIE-ROD AND STEEL WEAR PAD - RG00680 KIT TIE-ROD + PLASTIC WEAR PAD
9			RG00610		RG00610	RG00609 KIT LOWER BUSH WITH STEEL WEAR PAD - RG00610 KIT LOWER BUSH WITH PLASTIC WEAR PAD
10		RG00623	RG00624	RG00623	RG00624	RG00623 REBUILT KIT: COUPLING PIN, BUSHES AND STEEL WEAR PAD RG00624 REBUILT KIT: COUPLING PIN, BUSHES AND PLASTIC WEAR PAD
11	RG00529					KIT RECALLING SPRING SUPPORT
12		RG00193	RG00193	RG00587	RG00587	RG00193 BELL MOUTH - RG00587 KIT BELL MOUTH AND BRONZE BUSH
13	RG00612					TOW PIN
14	RG00681					LOCKING PIN
15	RG00179					KIT BELL-MOUTH LOCK PIN
16	RG00178					KIT MECHANISM SPRINGS
17	RG00682					KIT SAFETY DEVICE
18						KIT CONE SPRING
19	RG00185					KIT MECHANISM BOLTS
20A		RG00187	RG00187			OPERATING HANDLE "B" TYPE
20B				RG00683	RG00683	OPERATING HANDLE "C" TYPE
21A		RG00684	RG00684			KIT OPERATING UNIT "B" TYPE
21B				RG00685	RG00685	KIT OPERATING UNIT "C" TYPE
22						KIT MOUNTING BOLTS
23		RG00614	RG00613	RG00614	RG00613	RG00613 PLASTIC WEAR PAD - RG00614 METAL WEAR PAD
24	RG00611					KIT LOWER BUSH
25				RG00585	RG00585	BELL-MOUTH BRONZE BUSH
26	RG00586					KIT OPERATING BOX BRONZE BUSHES
27	RG00688					KIT POLYURETHANE BUFFERS - RG00649 KIT RUBBER BUFFERS

ATTENTION: Pos. 22 is NOT included.

EH553B0 50mm

Tip over axle trailer coupling



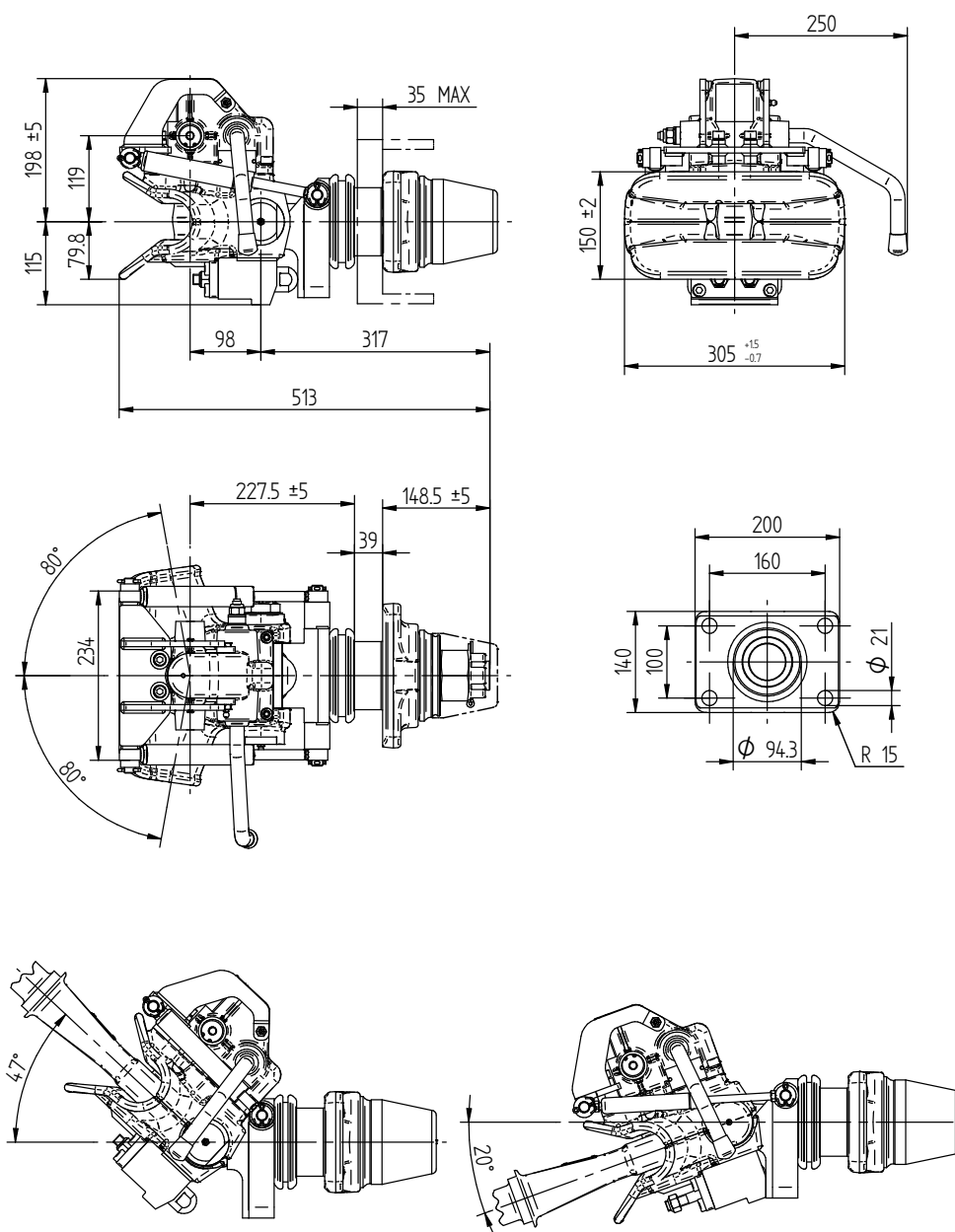
For drawbar eyes

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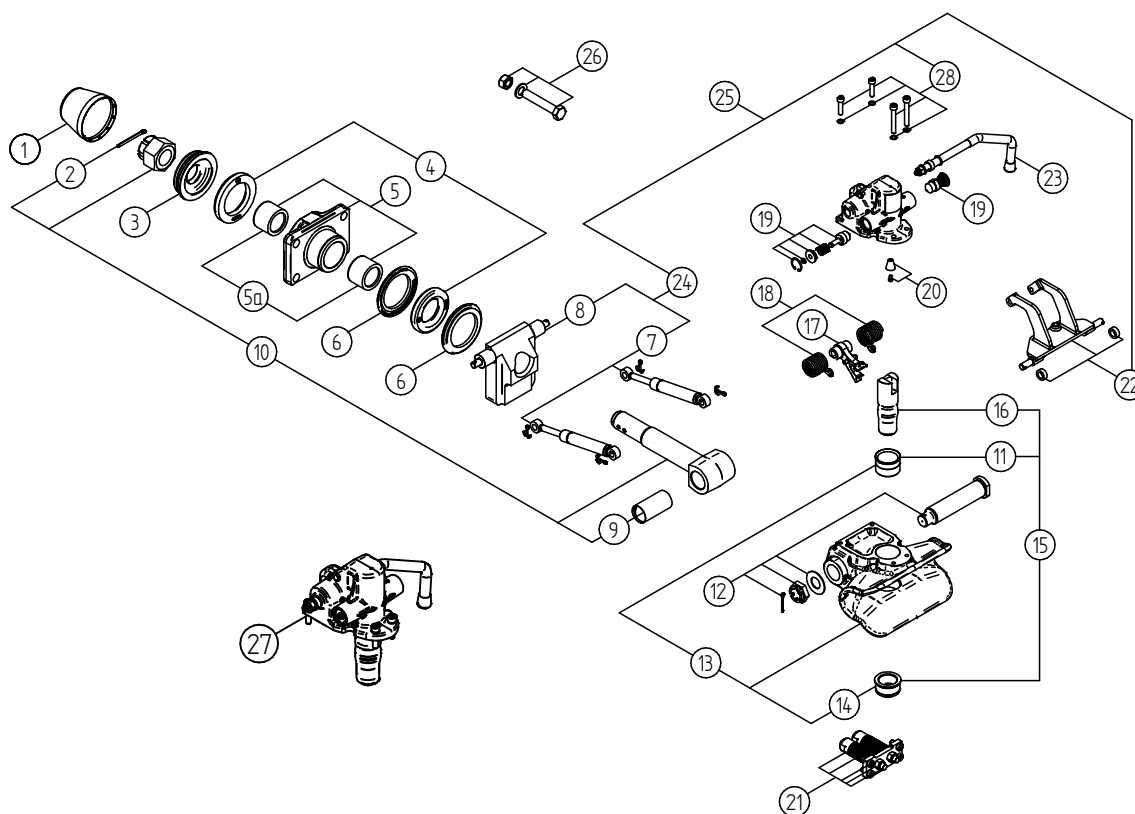
94/20/CE

Technical data

Part number	Hole pattern mm	D-Value kN	Weight kg	Homologation	
				ECE	CRN
EH553B0	160 x 100	220	58	55R 01 3026	37743



Spare parts EH553B0 50mm



POS.	All types	EH500	EH553	Description
1	RG00603			DUST CAP
2	RG00678			SPLIT PIN
3	RG00632			REAR FLANGE
4	RG00688			KIT POLYURETHANE RUBBER BUFFERS
5		RG00718	RG00788	KIT COUPLING FLANGE AND BUSHES
5A		RG00435	RG00789	KIT FLANGE BUSHES
6	RG00173			FRONT FLANGES
7	RG00366			KIT GAS SHOCK ABSORBERS
8		RG00719	RG00790	FRONT FLANGE
9	RG00526			ARTICULATION BUSH
10		RG00782	RG00791	KIT TIE-ROD WITH ARTICULATION BUSH
11	RG00088			UPPER BUSH
12	RG00002			KIT ARTICULATION PIN
13	RG00720			KIT BELL-MOUTH
14	RG00236			LOWER BUSH
15	RG00232			KIT TOW PIN, TOP AND BOTTOM BUSHES
16	RG00231			TOW PIN
17	RG00298			LOCKING PIN
18	RG00178			KIT MECHANISM SPRINGS
19	RG00181			KIT SAFETY DEVICE
20	RG00091			KIT CONE SPRING
21	RG00721			KIT BELL MOUTH SUPPORT
22	RE00722			KIT TOP SUPPORT
23	RG00187			OPERATING HANDLE "B" TYPE
24				KIT FRONT FLANGE AND GAS SHOCK ABSORBERS
25				KIT STABILITY SYSTEM
26	RG00728			KIT MOUNTING BOLTS
27	RG00230			KIT OPERATING UNIT "B" TYPE
28	RG00368			KIT MECHANISM BOLTS

ATTENTION: Pos. 26 is NOT included.

Automatic drawbar couplings



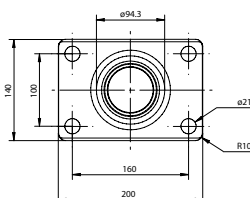
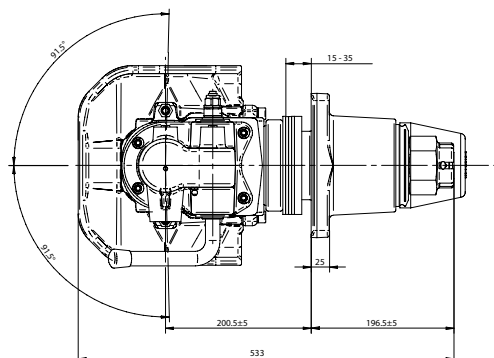
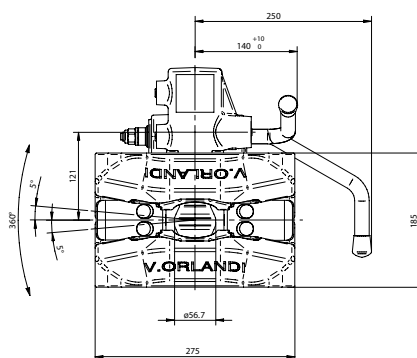
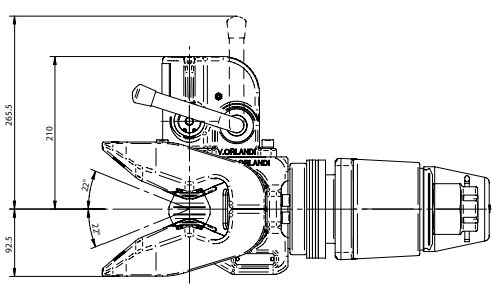
For drawbar eyes

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57,5**

SWEDISH STD

Technical data

Standard part number	Hole pattern mm	D-Value kN	Dc-Value kN	S-Load kg	V-Value kN	Weight kg	Class	Homologation	
E576A0M	160 x100	350	145	1000	95	60	S	ECE R55 01	CRN
				3000	60			55R 01 10665	50169



Create your part number:

E576 **X** **X** **X**

Lever type

Version

Wearing pad type

Action lever types

A = Action lever upwards

B = Action lever downwards

H = Action lever upwards

Only for "9" version

Versions

0 = Standard

1 = Standard + CO01601

7 = Standard + CO02601 + CO01420

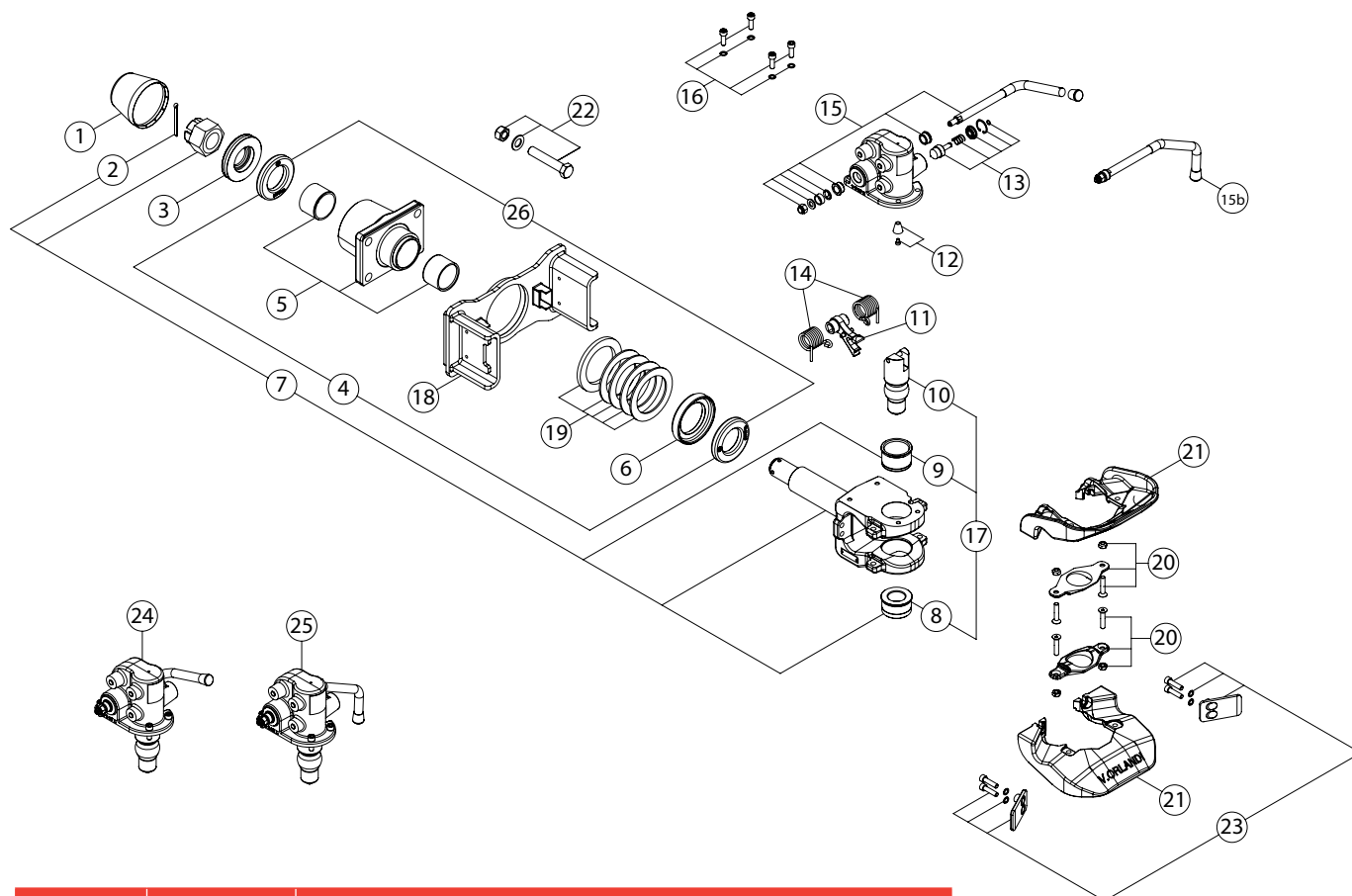
9 = Standard + CO02601 + CO02110

Wearing pad type

M = Metal

Lever type		Version		
A	B	1	7	9
		   RED GREEN	   RED GREEN	   RED GREEN

Spare parts E576 57mm



POS.	Part number	Description
1	RG00603	DUST CAP
2	RG00678	SPLIT PIN
3	RG00530	REAR FLANGE
4	RG00711	KIT POLYURETHANE BUFFERS
5	RG00423	KIT COUPLING FLANGE AND BUSHES
6	RG00562	KIT FRONT FLANGE
7	RG00563	KIT TIE-ROD
8	RG00387	LOWER BUSH
9	RG00564	UPPER BUSH
10	RG00378	TOW PIN
11	RG00298	LOCKING PIN
12	RG00091	KIT CONE SPRING
13	RG00309	KIT SAFETY DEVICE
14	RG00178	KIT MECHANISM SPRINGS
15	RG00186	KIT OPERATING HANDLE "A" TYPE
15 B	RG00187	KIT OPERATING HANDLE "B" TYPE
16	RG00185	KIT MECHANISM BOLT
17	RG00567	KIT TOW PIN, TOP AND BOTTOM BUSHES
18	RG00568	KIT ANTI-JACKKNIFE
19	RG00569	KIT MOUNTING SPACERS
20	RG00386	KIT METAL WEAR PADS
21	RG00570	KIT BELL-MOUTH
22	RG00132	KIT MOUNTING BOLTS
23	RG00446	KIT BELL-MOUTH PLATES
24	RG00582	KIT OPERATING UNIT "A" TYPE
25	RG00573	KIT OPERATING UNIT "B" TYPE
26	RG00227	KIT RUBBER BUFFERS
	RG00711	KIT POLYURETHANE RUBBER BUFFERS

ATTENTION: Pos. 18, 22 is NOT included.

UN96 76mm

Pintle hooks



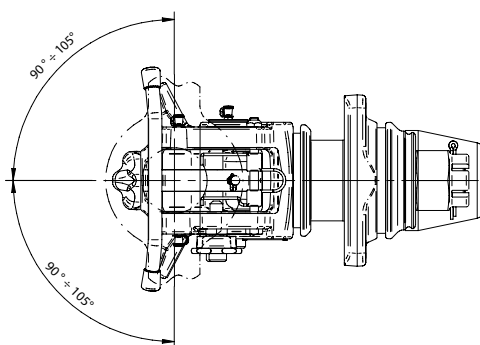
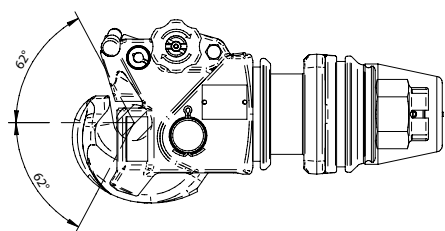
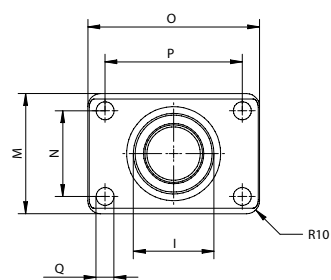
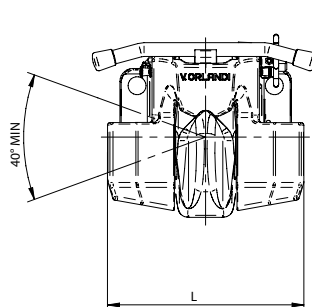
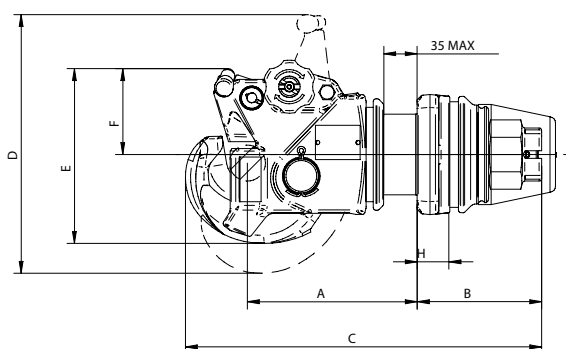
For drawbar eyes

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76 T

ECE R55-01

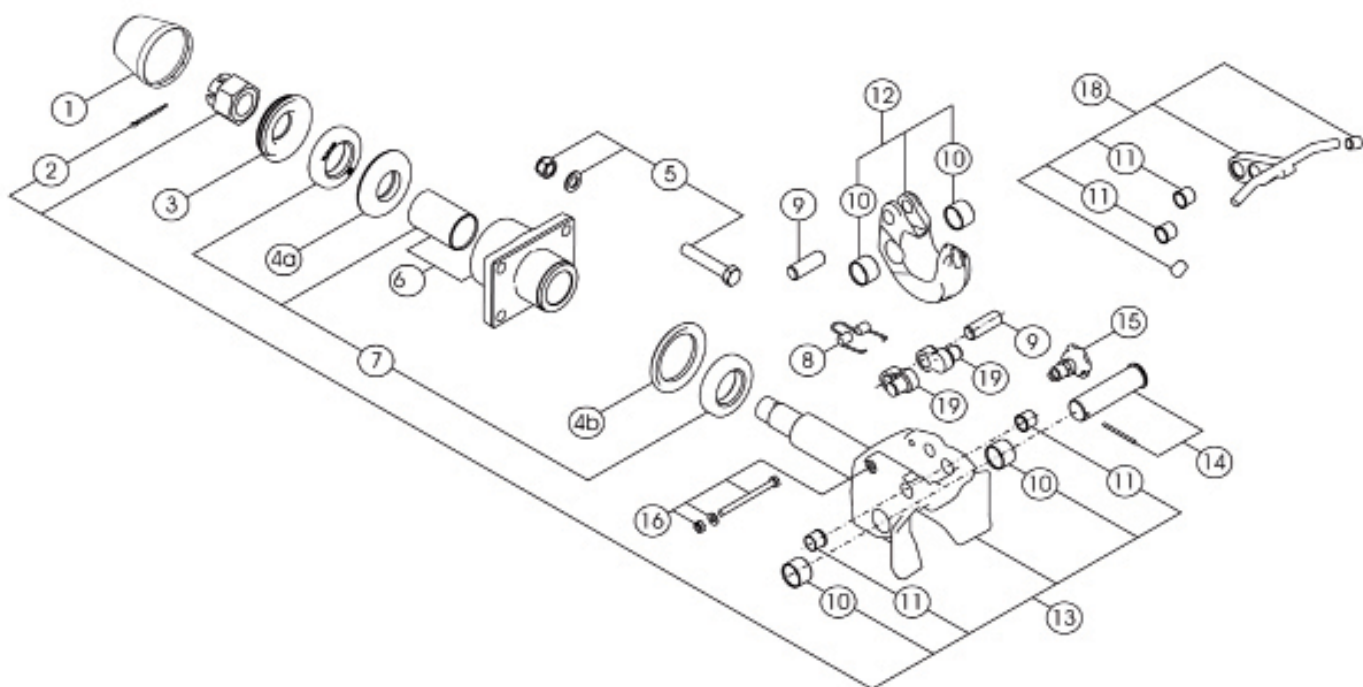
Technical data

Standard part number	Hole pattern mm	D-Value kN	Dc-Value kN	S-Load kg	V-Value kN	Weight kg	Class	Homologation	
								ECE R55 01	CRN
UN96400	140 x 80	100	70	900	25	28	KA2	55R 01 3003	50505
UN96600	160 x 100	190	103	1500	50	38	KA3	55R 01 3002	50506



Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L mm	M mm	N mm	O mm	P mm	Q mm
UN 964 00	179	165	410	258	186	93	13	20	190	120	80	180	140	17
UN 966 00	197	145	415	301	204	100	10	29	229	140	100	200	160	21

Spare parts UN96 76mm



POS.	All types	UN 96300	UN 96400	UN 96600	Description
1	RG00603				DUST CAP
2	RG00064				SPLIT PIN
3		RG00076	RG00175	RG00622	REAR FLANGE
4a		on demand			FRONT FLANGE
4b		RG00216	RG00189	RG00173	FRONT FLANGE
5		RG00130	RG00131	RG00132	KIT MOUNTING BOLTS
6		on demand	on demand	RG00617	KIT COUPLING FLANGE AND BUSH
7		RG00217	RG00183	RG00618	KIT RUBBER BUFFERS
8		RG00471	RG00471	RG00339	RETURN SPRING
9		RG00472	RG00472	RG00331	PINTLE HOOK LOCATING PIN
10		RG00473	RG00473	RG00332	RG00332 BUSH - RG00473 BUSH DIAMETER 30
11		RG00474	RG00474	RG00333	RG00333 BUSH - RG00474 BUSH DIAMETER 20
12		RG00475	RG00475	RG00341	KIT PINTLE HOOK
13		RG00647	RG00647	RG00646	KIT TIE-ROD
14		RG00476	RG00476	RG00334	KIT JAW PIVOT PIN
15	RG00335				KIT SAFETY DEVICE
16		RG00477	RG00477	RG00336	KIT SPRING PIN
18		RG00478	RG00478	RG00345	KIT OPENING LEVER
19		RG00479	RG00479	RG00337	KIT CONNECTING ROD

Heavy Duty 50mm & 70mm

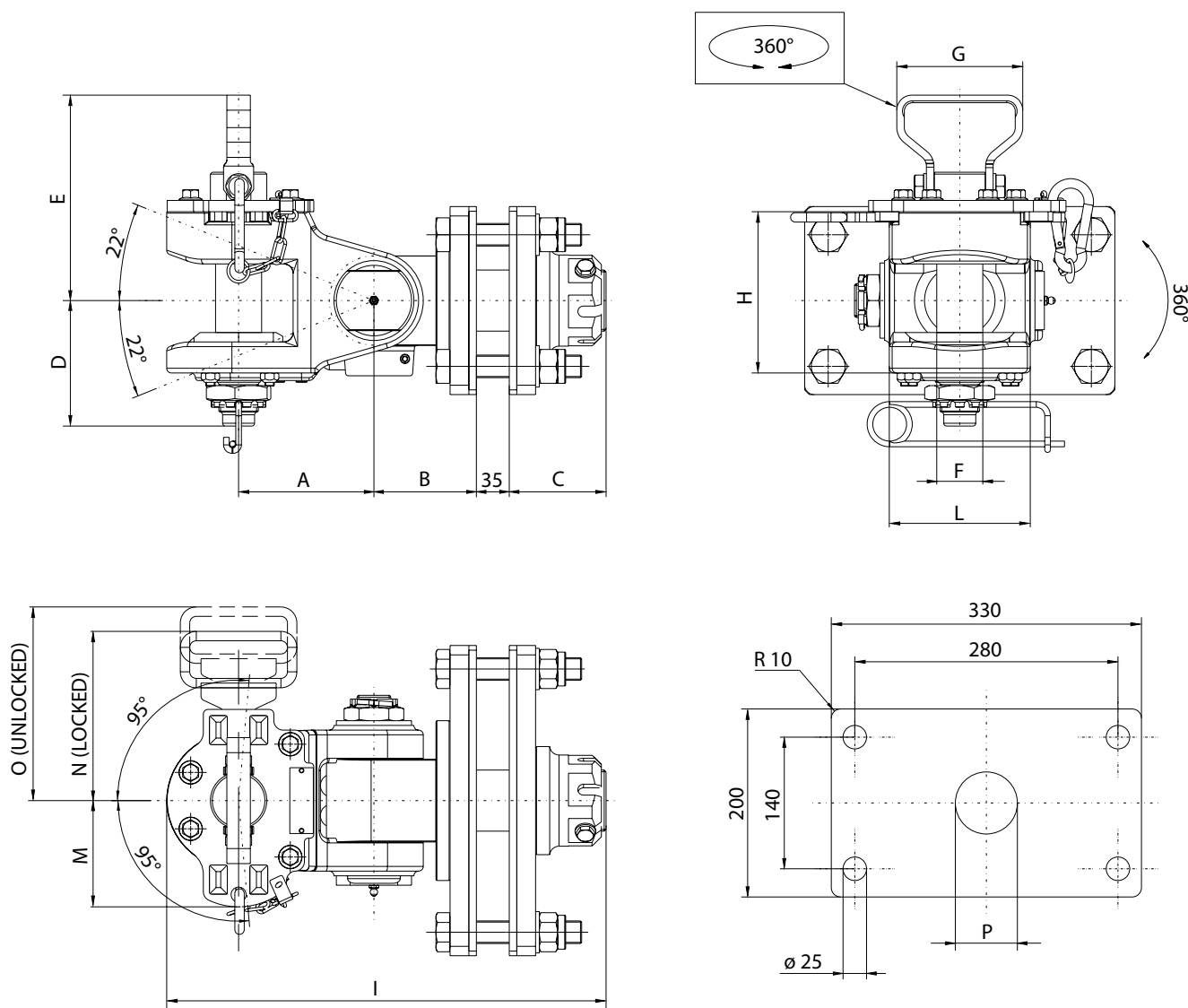
Trailer coupling for heavy weight transport



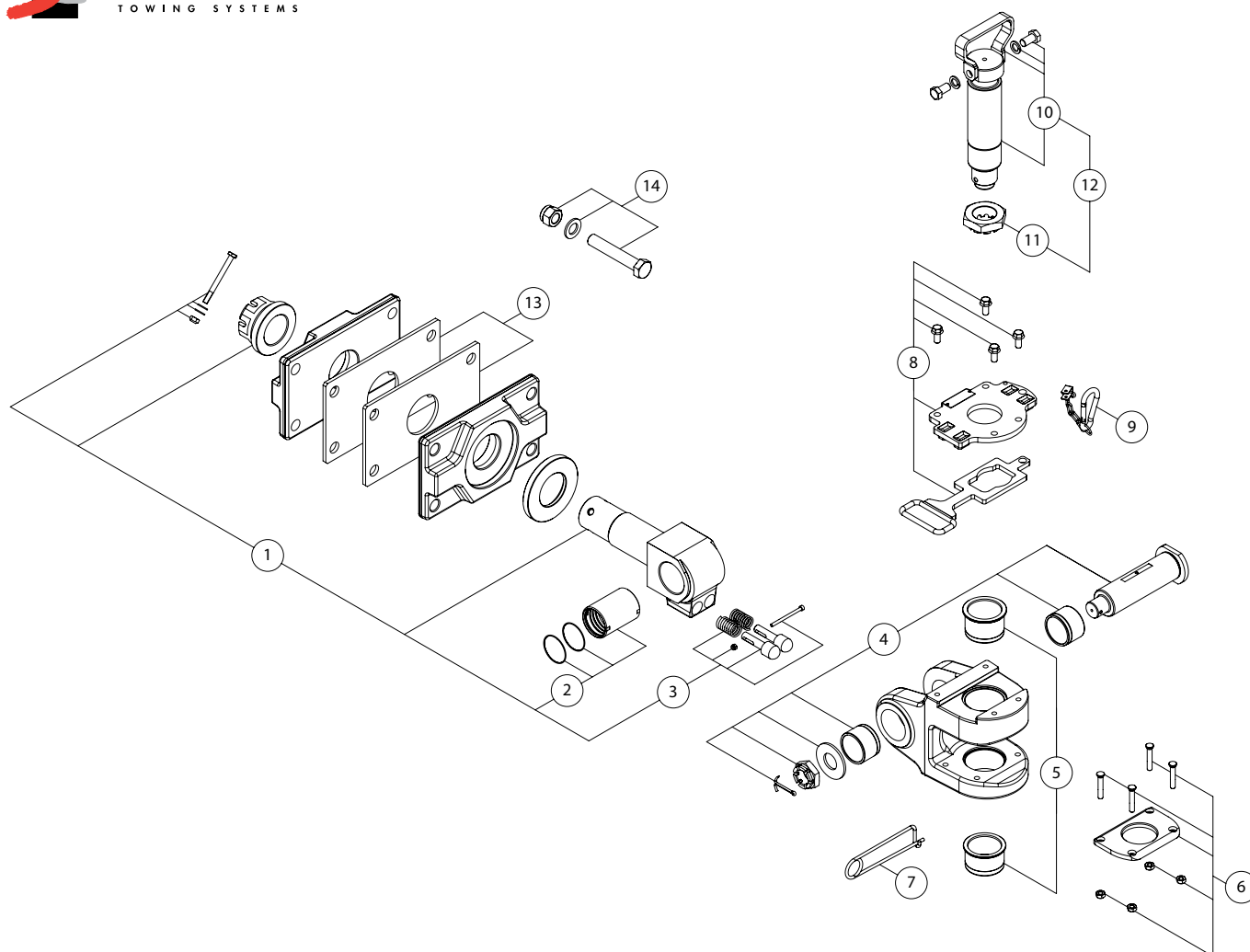
For drawbar eyes	Ø 50	Ø 70	ECE R55-01 CRN
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Technical data								
Eye size mm	Standard part number	Hole pattern mm	D-Value kN	Total trailer weight	Weight kg	Class	Homologation	
							ECE R55 01	CRN
50	HD50251	280 x 140	400	250	72,5	VII	ECE R55 01 0017	50167
70	HD70501	280 x 140	800	500	111	VIII	ECE R55 01 0019	50168

Attention: MAX SPEED 40 Km/H



Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm	N mm	O mm	P mm
HD50251	144	109	103	133,5	218,5	ø 49	134	171,5	467,5	150	115	180	206	ø 66
HD70501	167	129	121	158,5	237,5	ø 69	144	203,5	543	180	123	194	222	ø 86



POS.	All types	Part number		Description
		HD50251	HD70501	
1		RG00690	RG00699	KIT TIE-ROD
2		RG00650	RG00652	KIT O-RING AND BUSH
3		RG00691	RG00700	KIT BELL-MOUTH SUPPORT
4		RG00692	RG00701	KIT ARTICULATION PIN AND BRONZE BUSHES
5		RG00693	RG00702	KIT TOP AND BOTTOM BUSHES
6		RG00694	RG00703	KIT WEAR PAD
7	RG00707			SAFETY PIN
8		RG00695	RG00704	KIT LOCKING SYSTEM
9	RG00696			KIT CARABINER
10		RG00697	RG00705	TOW PIN
11		RG00660	RG00661	TOW PIN CASTLE NUT
12		RG00698	RG00706	KIT TOW PIN AND CASTLE NUT
13	RG00659			KIT PLASTIC FLANGES
14	RG00554			KIT BOLT
2, 4		RG00727	RG00726	KIT O-RING + ARTICULATION PIN + BUSHES

UN761

Pintle hooks



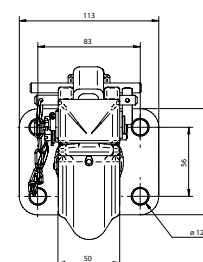
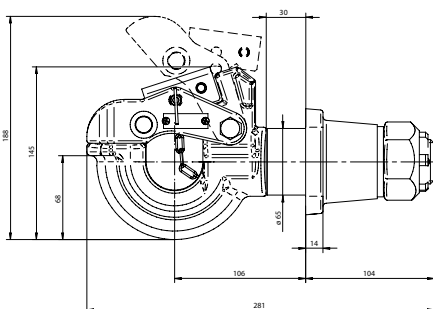
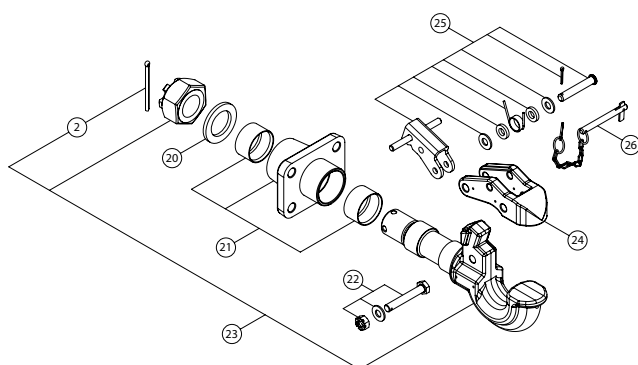
For drawbar eyes

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76 T

ECE R55-01

Technical data

Standard part number	Hole pattern mm	D-Value kN	Dc-Value kN	S-Load kg	V-Value kN	Weight kg	Class	Homologation	
								ECE R55 01	CRN
UN76100	85 x 56	27	21	350	15	15	K3	55R 01 3005	50171



POS.	Part number	POS.	Part number
2	RG00369	23	RG00248
20	RG00011	24	RG00349
21	RG00346	25	RG00350
22	RG00347	26	RG00351

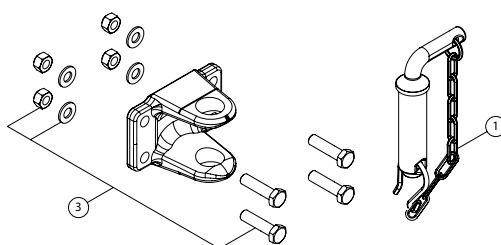
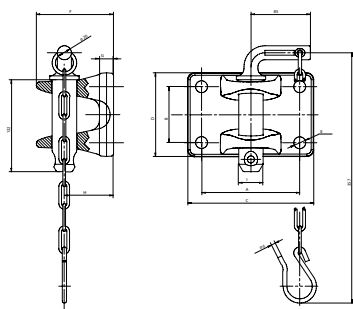


GM10

Private yard tow

For drawbar eyes	Ø 40	DIN 74054
	Ø 50	94/20/CE
	Ø 76 T	ECE R55-01

Technical data			
Standard part number	Total trailer weight t	Total weight of towing vehicle t	Weight kg
GM10300	25	50	4,2
GM10500	50	120	7



POS.	GM103	GM104	GM105
1	RG00219	RG00219	RG00219
3	RG00130	RG00131	RG00132

ATTENTION: Pos. 3 is NOT included.

Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
GM103	120	55	155	90	Ø 15	102	15	70	Ø 35
GM104	140	80	180	120	Ø 17	110	20	70	Ø 35
GM105	160	100	200	140	Ø 21	110	20	70	Ø 35

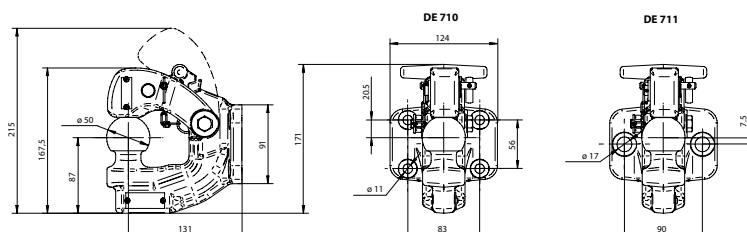


DE 71

Ball hitches

For drawbar eyes	Ø B 50	94/20/CE
	Ø 76 T	ECE R55-01

Technical data								
Standard part number	Hole pattern mm	D-Value kN	Dc-Value kN	S-Load kg	Weight kg	Class	Homologation	
							ECE R55-01	CRN
DE00710	83 x 56	28	28	330	5,5	S	55R 01 3014	50165



Complementary Kits

MECHANICAL REMOTE OPENING

	Article number	Description	Applicable to couplings series
	CO01800	Mechanical remote opening	E520 E550

PNEUMATIC REMOTE OPENING

	Article number	Description	Applicable to couplings series
	CO01400 CO01420	Pneumatic remote opening	E520 E550 E576
	CO02100 CO02110	Pneumatic remote opening "Linear"	E520 E550 E576
	CO02200	Pneumatic remote opening "Linear"	E40

SMART KITS

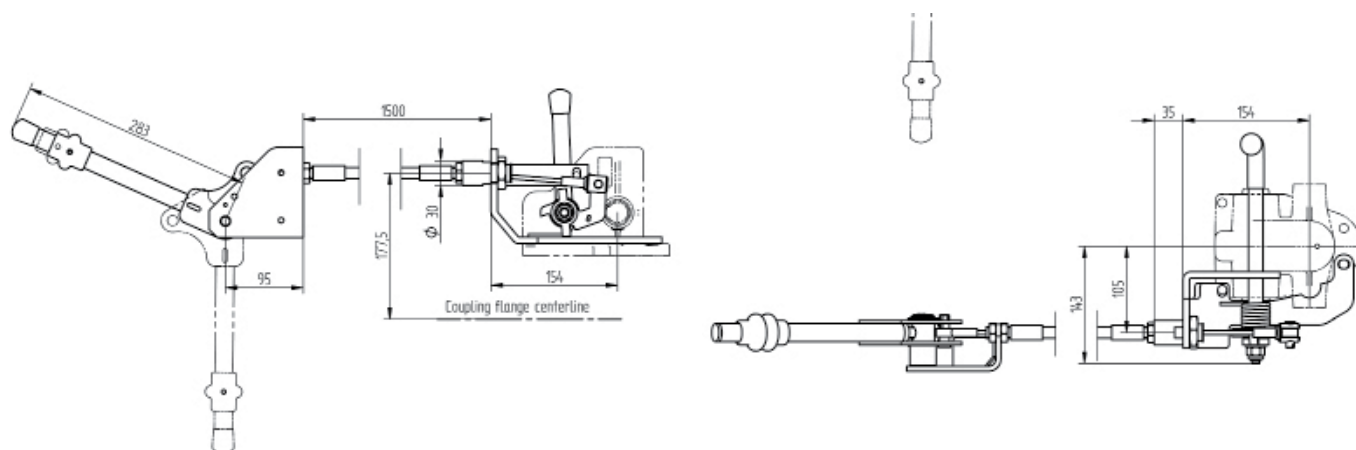
	Article number	Description	Applicable to couplings series
	CO02600	Open-closed remote indicator + jackknife remote indicator	E40 E520 E550
	CO02601	Open-closed remote indicators	E576 E520 E550
	CO02602	Jackknife remote indicator	E520 E550
	CO02603 CO02606	Open remote indicator Closed remote indicator	E576 E520 E550



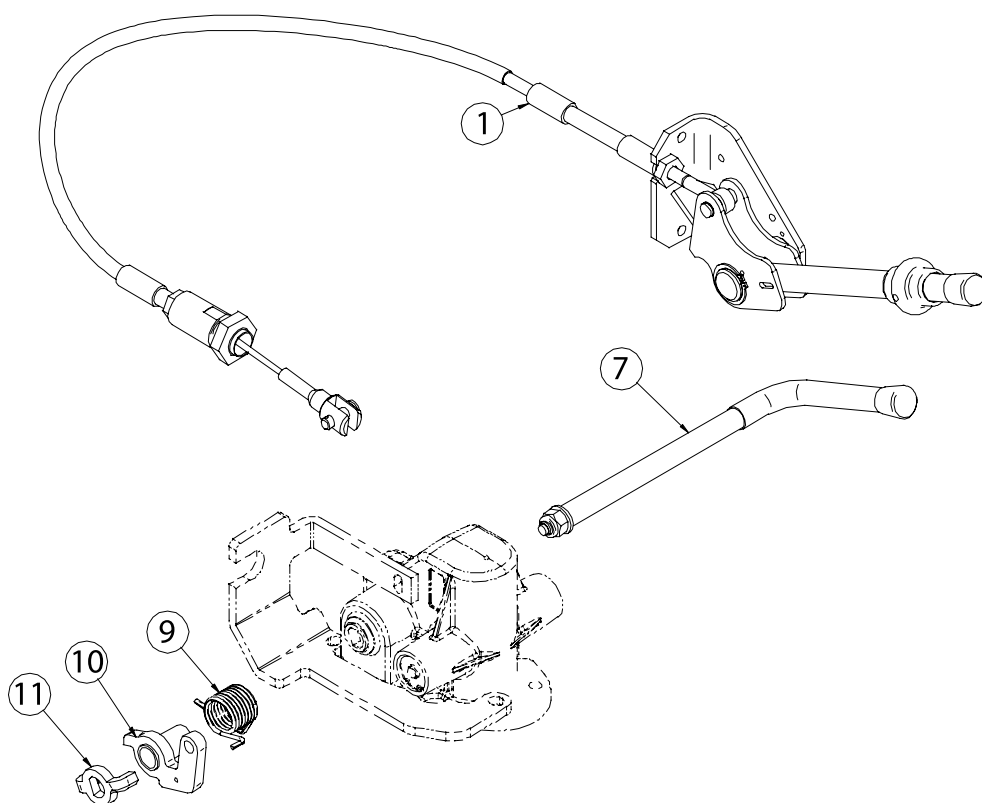
Technical data

Article number	Applicable to couplings series
CO01800	E520 - E550

Main dimensions



Spare parts



POS.	CO01800
1	RG00410
7	RG00406
9	RG00407
10	RG00409
11	RG00408

ATTENTION: With the above versions is required in the cabin indicator CO01601 (94/20/CE)

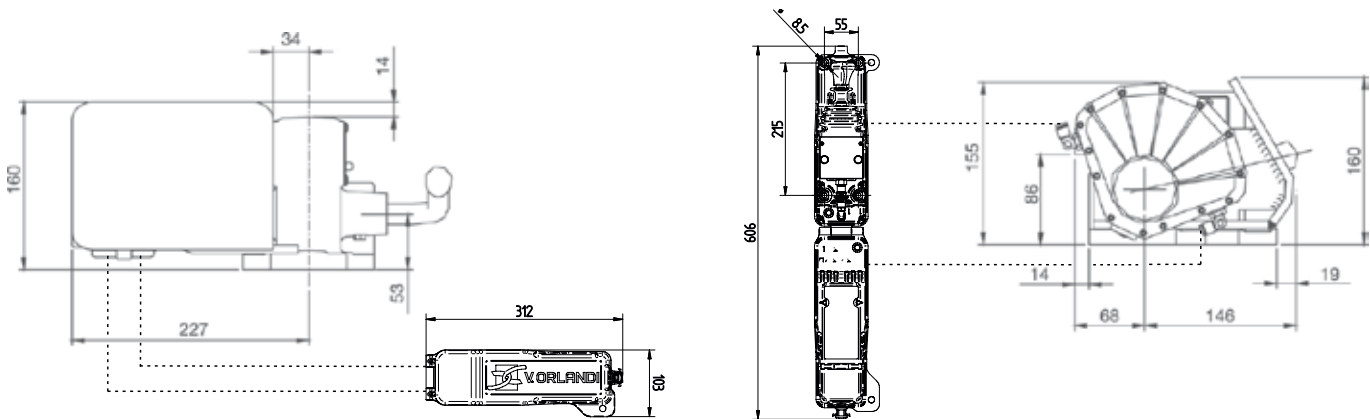
Kit CO01400

Pneumatic remote opening "Kinetrol"

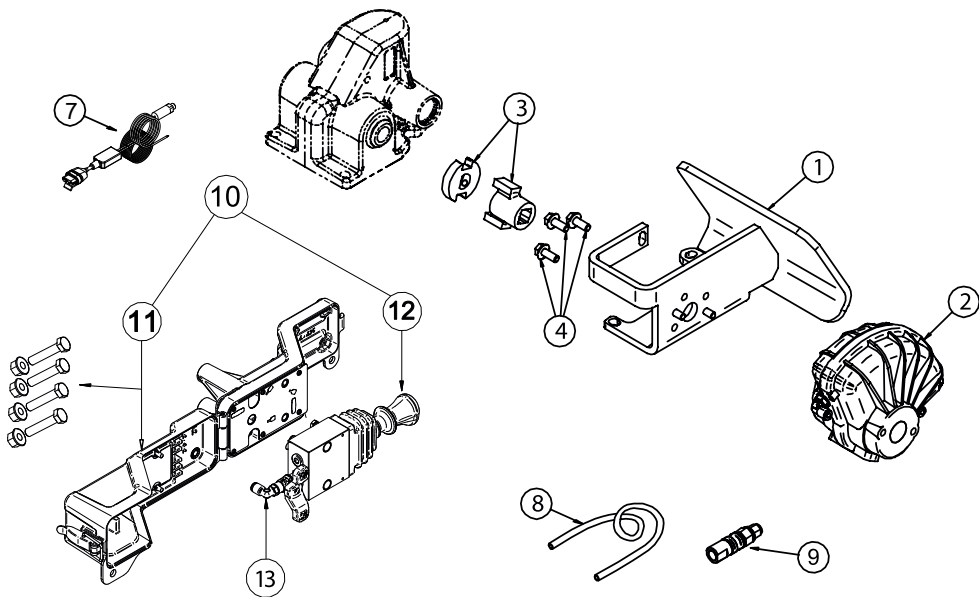


Technical data	
Article number	Applicable to couplings series
CO01400	E520 - E550

Main dimensions



Spare parts



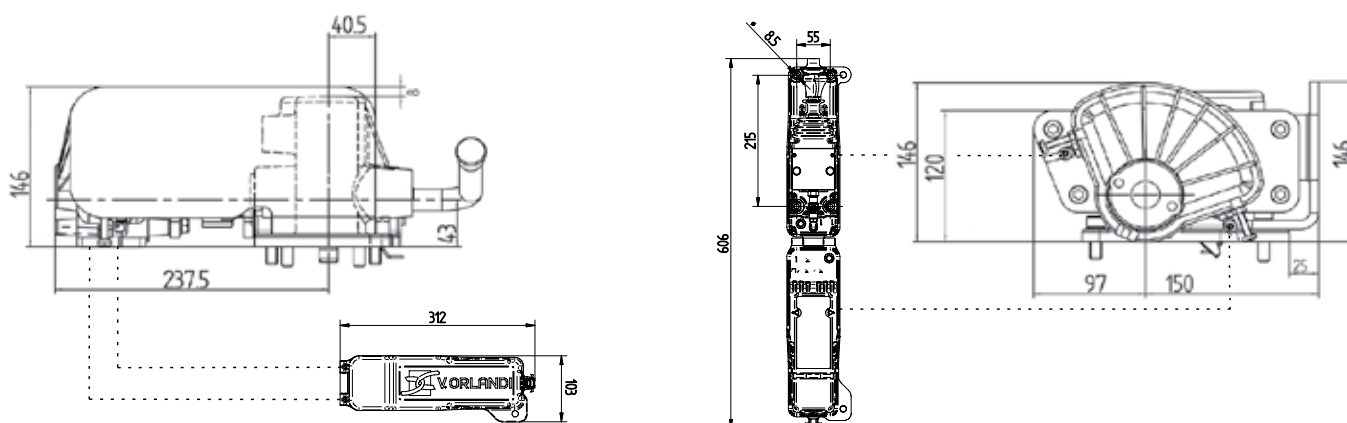
POS.	CO01400
1 LH	RG00253
1 RH	RG00279
2 - 4	RG00244
3	RG00543
7	RC00011
8	RG00251
9	RG00252
10	RG00664
11	RG00667
12	RG00666
13	RG00665



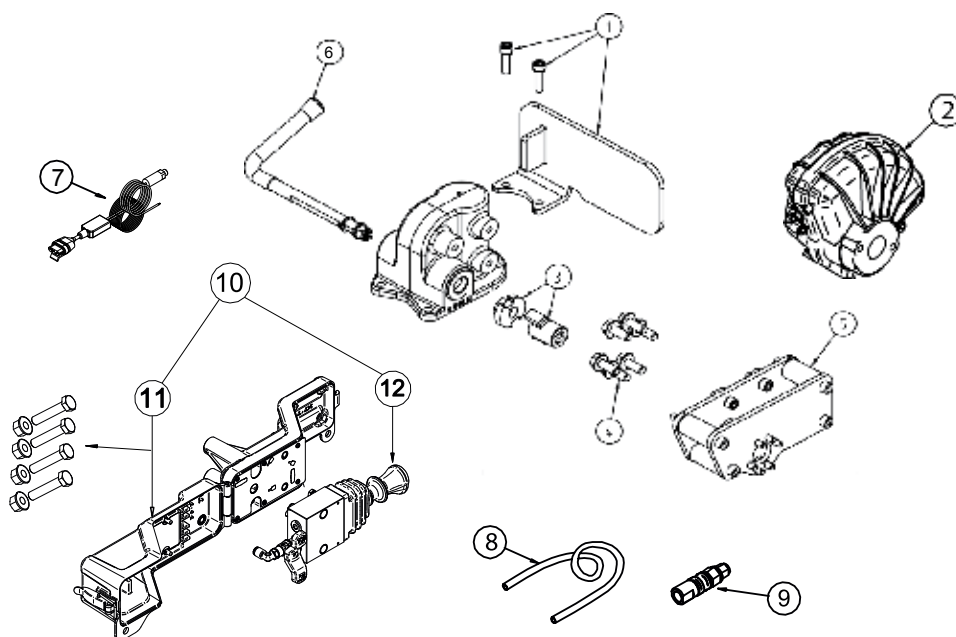
Technical data

Article number	Applicable to couplings series
CO01420	E576

Main dimensions



Spare parts



POS.	CO01420
1	RG00597
2 - 4	RG00247
3	RG00596
5	RG00595
6	RG00598
7	RC00011
8	RG00251
9	RG00252
10	RG00664
11	RG00667
12	RG00666

Kit CO02100

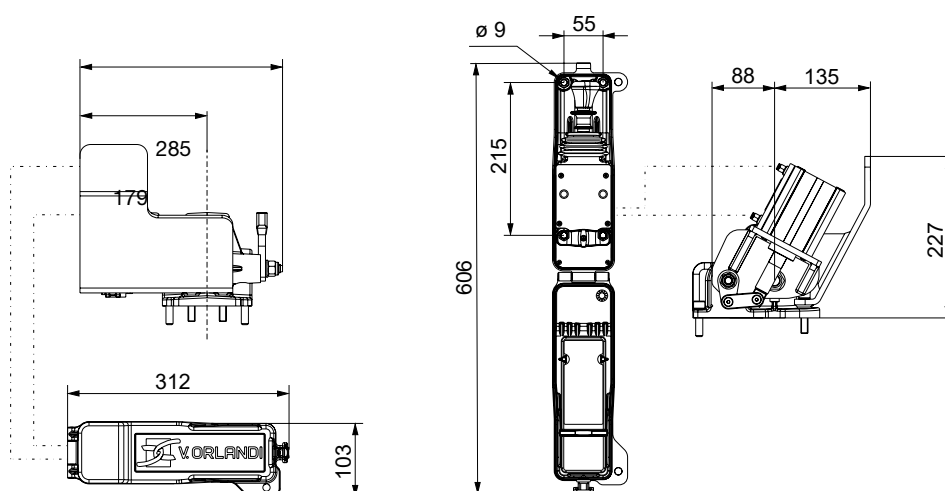
Pneumatic remote opening "Linear"



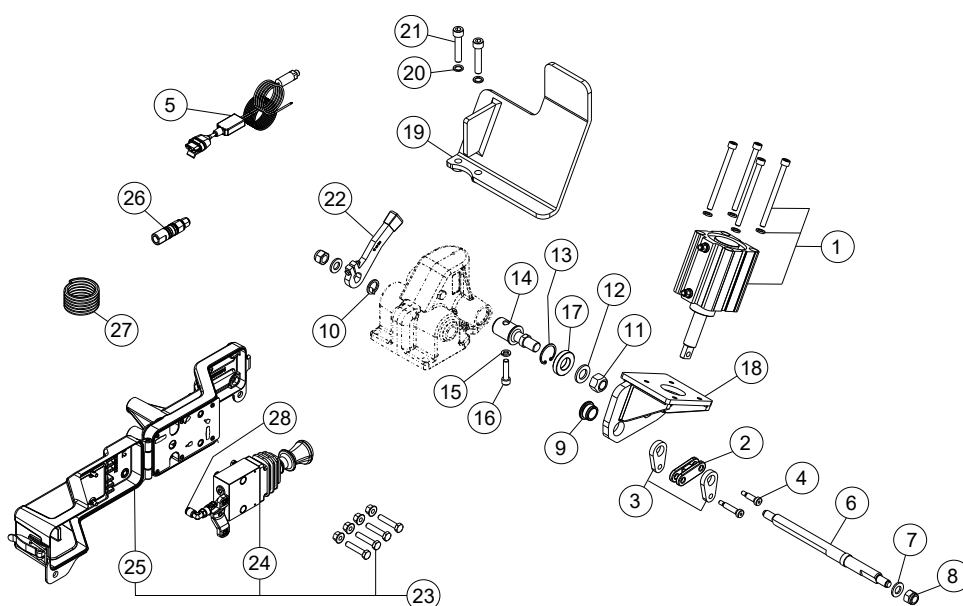
Technical data

Article number	Applicable to couplings series
CO02100	E520 - E550

Main dimensions



Spare parts



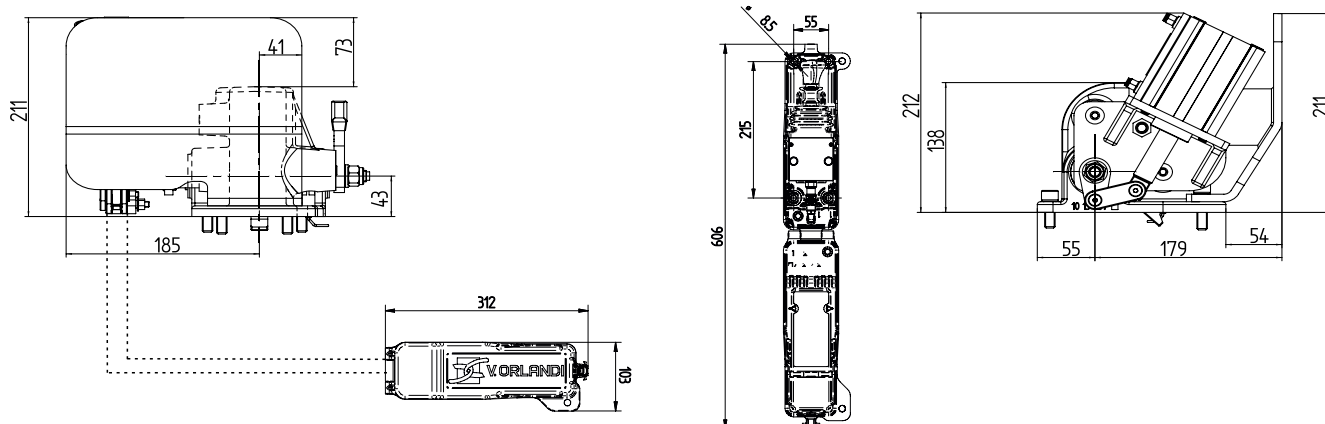
POS.	CO02100
1	RG00508
2, 3, 4	RG00509
5	RC00011
6, 7, 8, 9, 10	RG00510
11, 12, 13, 14, 15, 16, 17, 18	RG00511
19, 20, 21	RG00512
22	RG00228
23	RG00664
24	RG00666
25	RG00667
26	RG00252
27	RG00251
28	RG00665



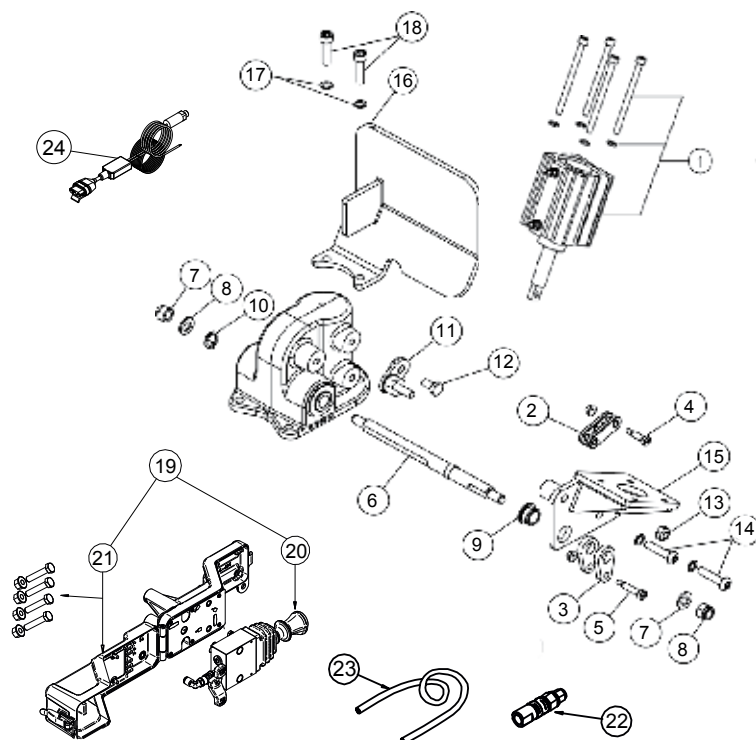
Technical data

Article number	Applicable to couplings series
CO02110	E576

Main dimensions



Spare parts



POS.	CO02110
1	RG00508
2, 3, 4, 5	RG00509
6, 7, 8, 9, 10	RG00627
11, 12, 13, 14, 15	RG00628
16, 17, 18	RG00629
19	RG00664
20	RG00666
21	RG00667
22	RG00252
23	RG00251
24	RC00011

Kit CO02200

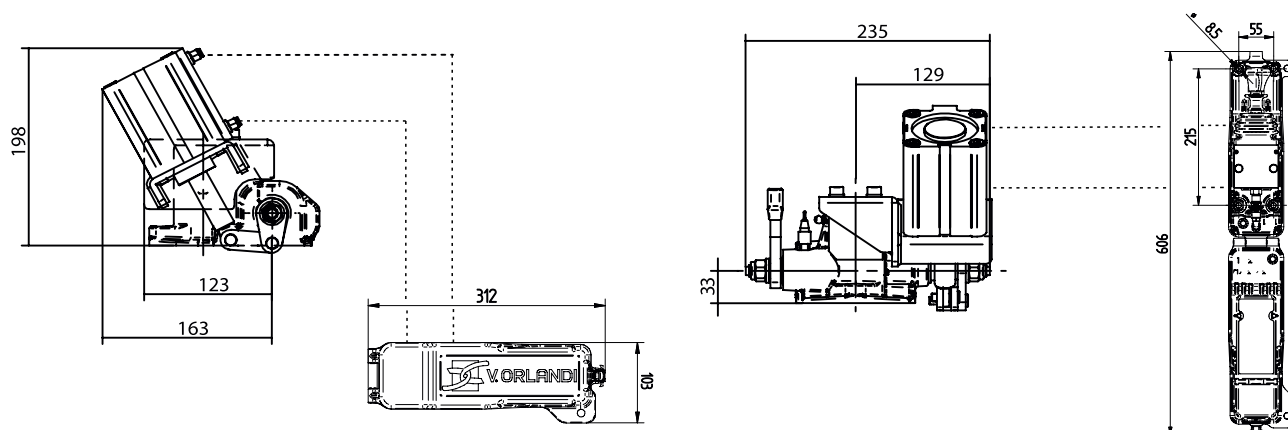
Pneumatic remote opening "Linear"



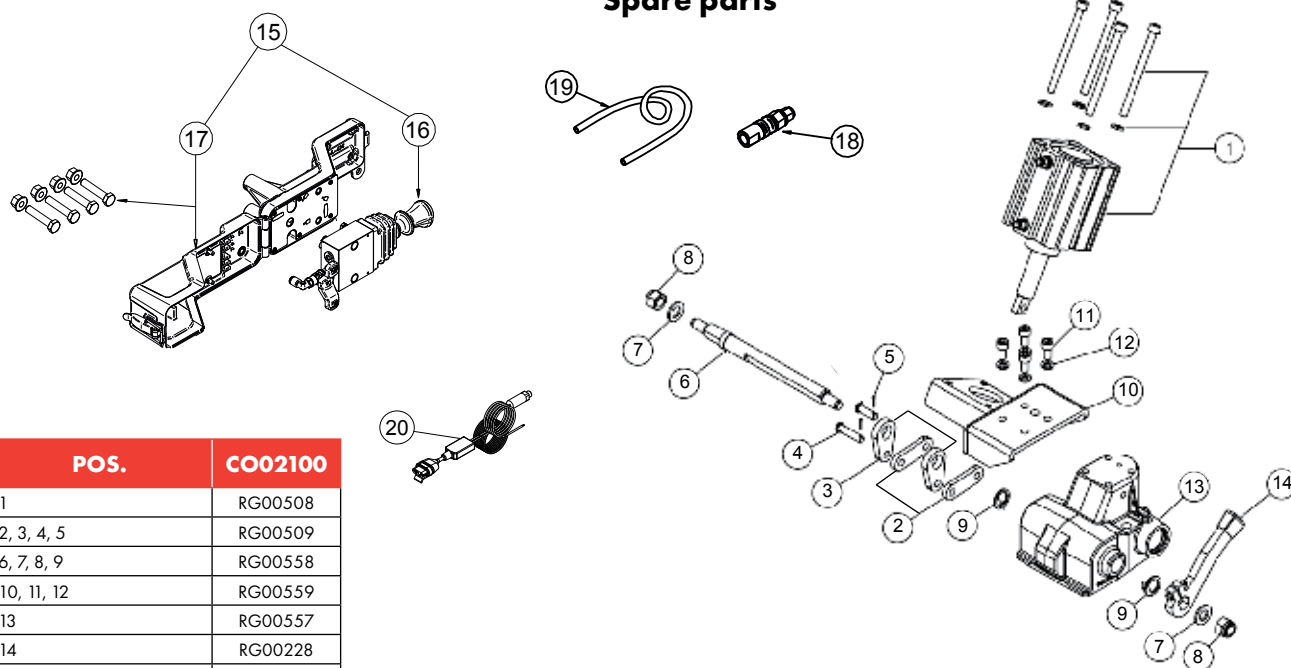
Technical data

Article number	Applicable to couplings series
CO02200	E40

Main dimensions



Spare parts



POS.	CO02100
1	RG00508
2, 3, 4, 5	RG00509
6, 7, 8, 9	RG00558
10, 11, 12	RG00559
13	RG00557
14	RG00228
15	RG00664
16	RG00666
17	RG00667
18	RG00252
19	RG00251
20	RC00011



"T" Connection

Applicable to kit series CO01400, CO01420, CO02100, CO02110, CO0220

Article number RC00015



In-cabin open-closed + jackknife remote indicators

Applicable to couplings series E40, E520, E550, E551

Article number CO02600

RC00001	RC00004	RC00002	RC00006	RC00003	RC00005	RC00012
 (Green)		 (Red)		 (Orange)		

In-cabin open-closed remote indicator

Applicable to couplings series E40, E520, E550, E576, E551, EH524

Article number CO02601

RC00001	RC00004	RC00002	RC00006
 (Green)		 (Red)	

In-cabin anti jackknife remote indicator

Applicable to couplings series E40, E520, E550, E551

Article number CO02602

RC00003	RC00006	RC00005	RC00012
 (Orange)			

In-cabin open-closed remote indicator

Applicable to couplings series E40, E520, E550, E576, E551, EH524

Article number CO01603

Article number CO01606

RC00002	RC00004	RC00001	RC00004
 (Red)		 (Green)	

Outside open-closed remote indicator

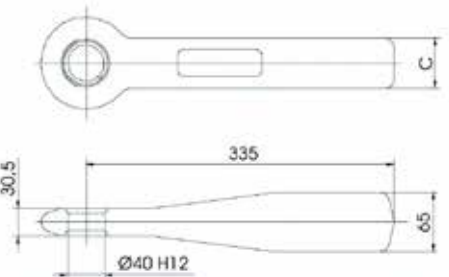
Applicable to couplings series E40, E520, E550, E576, E551, EH524

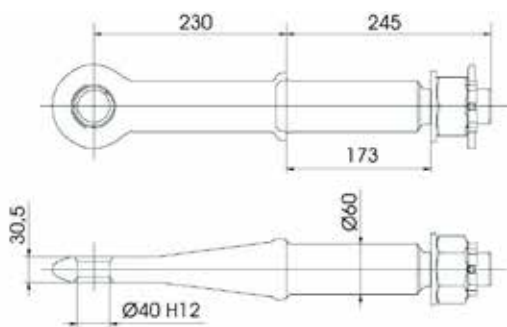
Article number CO02605

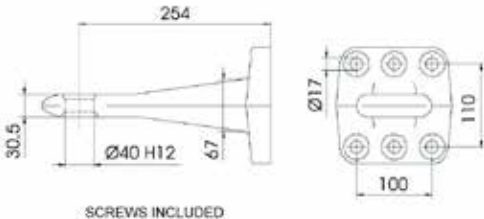
RC00013	RC00011
	

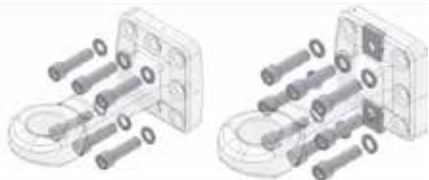
40 mm

Drawbar eyes

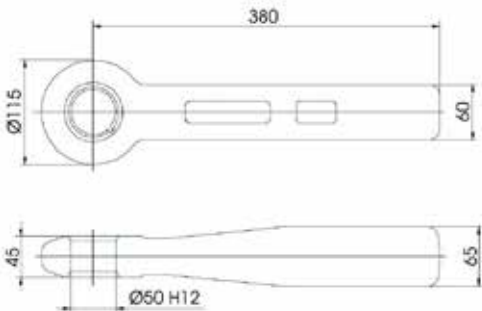
Weld on drawbar eyes							
Technical data							
Part number	Value				C mm	Weight kg	CRN
	D kN	Dc kN	S kg	V kN			
OC40W04 SOLID BUSH	125	74	1000	23	60	8,5	39582

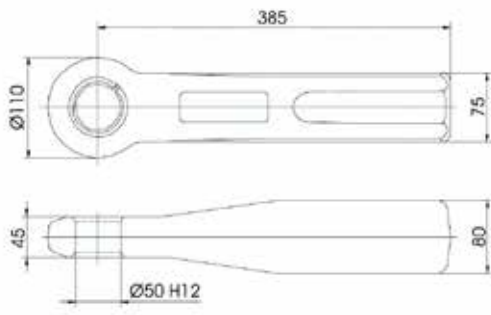
Bolt on drawbar eyes								
Technical data								
Part number	Value				Weight kg			
	D kN	Dc kN	S kg	V kN		ECE	CRN	
OC40R02 SOLID BUSH	125	74	1000	23	10,7	E1 55R-01 2563	50510	

Flanged drawbar eyes								
Technical data								
Part number	Value				Weight kg	Homologation		
	D kN	Dc kN	S kg	V kN		ECE	CRN	
OC40F60 SOLID BUSH	125	100	1000	40	10	55R-01 10068	50509	

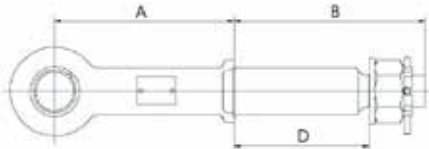
Screws		
	For drawbar eye type	Kit code
	OC40F60	RO00025

Bush		
SPLIT BUSH 40 MM		
	For drawbar eye type	Bush code
	OC40W+40R	RO00017
SOLID BUSH 40 MM		
	OC40F60	RO00024

Weld on drawbar eyes						
Technical data						
Part number	Value				Weight kg	Homologation CRN
	D kN	Dc kN	S kg	V kN		
OC50WT1 SOLID BUSH	190	90	1000	30	11	37469

Weld on drawbar eyes "Heavy duty"				
Technical data				
Part number	D-Value kN	Weight kg	Homologation CRN	
OC50WT5 SOLID BUSH	314	12,5	37468	

Weld on drawbar eyes "Heavy duty"							
Technical data							
Part number	B mm	E mm	D-Value kN	Total trailer weight t	Weight kg	Homologation CRN	
OC50W04	67	136	400	250	29,4	46332	

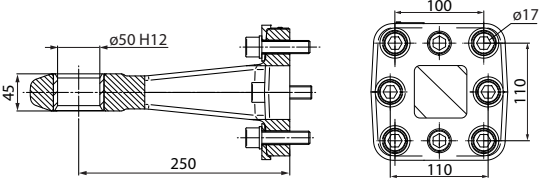
Bolt on drawbar eyes										
Technical data										
Part number	A mm	B mm	C mm	D mm	D-Value kN	Weight kg	Homologation CRN			
OC50R09	217	345	49	245	250	12	37722			
OC50RT1 SOLID BUSH	230	245	60	173	250	12,5	37721			

50 mm

Drawbar eyes

Flanged drawbar eyes



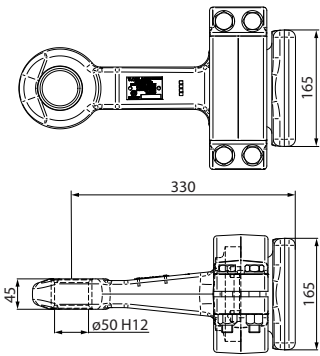


Technical data

Part number	Value				Weight kg	Homologation	Homologation CRN
	D kN	Dc kN	S kg	V kN			
OC51F8E	200	140	1000	75	11,2	e11 00-1153	37742
			2500	50			

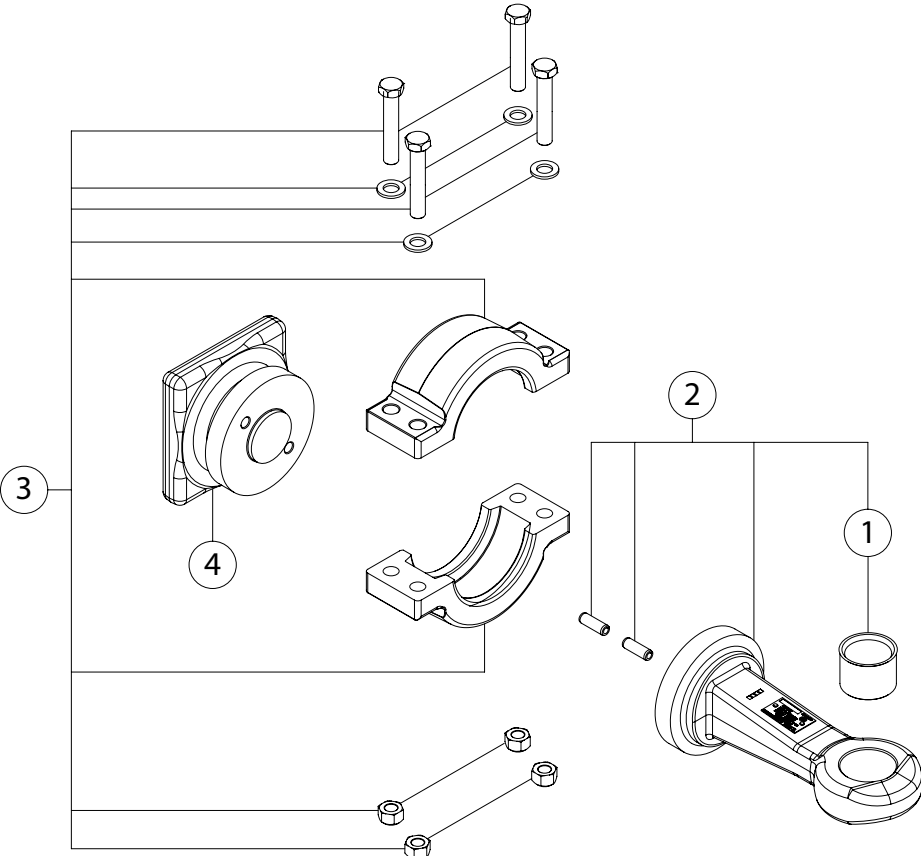
Clamped drawbar eyes





Technical data

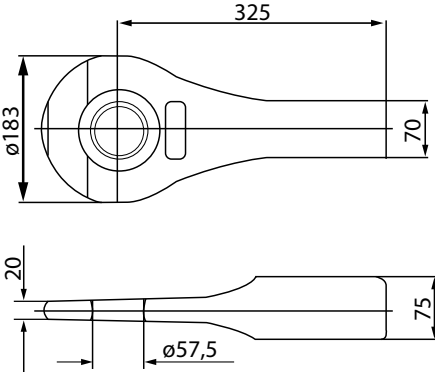
Part number	D kN	Dc kN	S kg	V kN	A mm	B mm	Weight kg	Homologation	
								ECE	CRN
OC50FS2	330	135	1000	75	165	165	33	E11 55R-01 11111	50460
			2500	50					

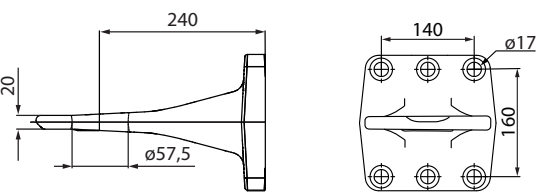


POS.	Article number
1	RO00016
2	RO00063
3	RO00064
4	RO00065

57,7 mm

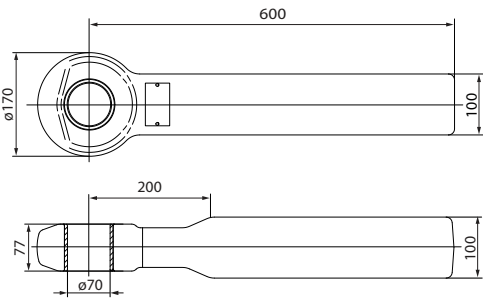
Drawbar eyes

Weld on drawbar eyes								
Technical data								
Part number	Value				Weight kg	Homologation		
	D kN	Dc kN	S kg	V kN		ECE	CRN	
OC57W01	190	90	1000	30	13	55R-01 2582	50513	

Flanged drawbar eyes								
Technical data								
Part number	Value				Weight kg	Homologation		
	D kN	Dc kN	S kg	V kN		ECE	CRN	
OC57F62	350	145	1000	95	16	55R-01 10084	50512	
			3000	60				

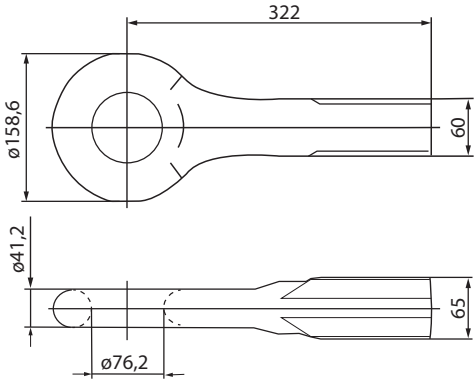
70 mm

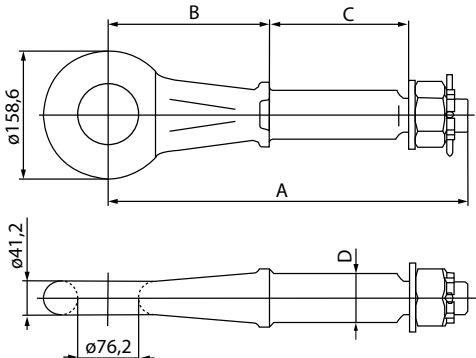
Drawbar eyes

Weld on drawbar eyes “Heavy duty”							
Technical data							
Part number	Total trailer weight t	D-Value kN	Weight kg	Homologation CRN			
OC70W00	500	800	46,5	46899			

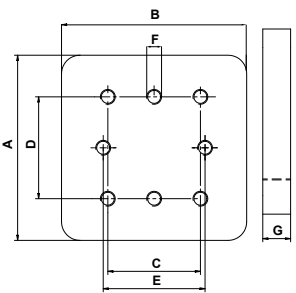
76 T

Drawbar eyes

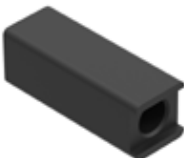
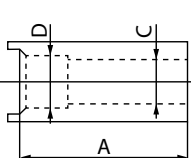
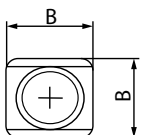
Weld on drawbar eyes						
Technical data						
Part number	D-Value kN	Weight kg	Homologation ECE R55-01			
OC76W01	120	10,2	Not Homologated			

Bolt on drawbar eyes									
Technical data									
Part number	A mm	B mm	C mm	D mm	Weight kg	Value		Homologation ECE R55-01	
						D kN	S kg		
OC76R10	445	200	173	60	13	120	1000	Not Homologated	

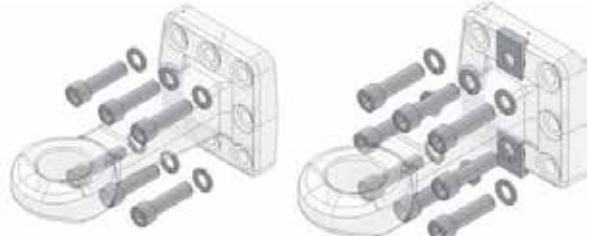
Weld In Plates

 	Part number	To suit	A mm	B mm	C mm	D mm	E mm	F mm	G mm
	PS00100	OC51F8E	162	162	100	110	110	M16	30
	PS00200	OC51F8E	200	200					
	PS00300	OC51F8E	160	240					
	PS00800	OC57F61	210	210	140	110	110	M16	40
	PS01100	OC57F62	210	210	154	158	154	M20	40

Weld On Brackets

  	Part number	A mm	B mm		C mm	D mm	For drawbar eye type
	RO00038	245		90 x 90	49,2	50,2	OC50R09
	RO00041	173		90 x 90	60	-	OC40R02 OC50R10 OC76R10

Screws

	For drawbar eye type		Kit code
	40F60		RO00025
	57F61		RO00055
	57F62		RO00058
	51F8		RO00035

Bush

SPLIT BUSH 40-50 MM		
	For drawbar eye type	Bush code
	OC40W-R	RO00017
	OC50R10	RO00004
	OC50W 01-05	
SOLID BUSH 40-70 MM		
	OC40F	RO00024
	OC50F - 51F	RO00016
	OC50RT1	RO000T4
	OC50WT01-05	
	OC70W	RO00057
BUSH 57MM		
	OC57	RO00054

V.Orlandi Warranties and Liability

V.Orlandi Product Warranty – 12 months

1. The parties acknowledge that the Customer intends to use the Products, and any Technical Drawings, in the course of its production or manufacture and the Consumer Guarantees do not apply to this Agreement.
2. The Supplier makes no express or implied warranties under these terms and conditions in relation to any Products and the Technical Drawings, except those separately provided by the Supplier to the Customer in clause 3.
3. The Supplier warrants to the Customer in respect of the Products (not including the Technical Drawings) that upon despatch of the Products from the Supplier's premises, the Products are free from material defects.
4. The warranty in clause 3 expires upon the earlier of:
 - (a) the fitment, alteration or other use of the products by the customer,
 - or
 - (b) twelve (12) months from the date of despatch by the supplier.
5. To the maximum extent permitted by law, the Supplier will not be liable for indirect, consequential, special, punitive or exemplary damages including but not limited to loss of profits, loss of business, loss by reason of delay, whether arising in negligence, from breach of contract or otherwise, in connection with these Terms and conditions.
6. To the maximum extent permitted by law, the Supplier limits its liability for breach of these terms and conditions in relation to any particular supply of Products, to the price of the Products.
7. To the maximum extent permitted by law the Supplier's liability for breach of clause 3, or the Consumer Guarantees if the Consumer Guarantees apply at law, is limited to any one or more of the following, at the Supplier's election:
 - (a) the replacement of the Products or the supply of equivalent Products;
 - (b) the repair of the Products;
 - (c) the payment of the cost of replacing the Products or of acquiring equivalent Products; or
 - (d) the payment of the cost of having the Products repaired.

[illegible]

CONDITIONS OF SALE

EFFECTIVE MAY 2013

1. Interpretation

"Company" means SAF-HOLLAND (Aust.) Pty. Ltd. "Customer" means the person to or for whom Goods are supplied by the Company. "Delivery Date" has the meaning given in clause 4(b). "Goods" means the goods, which are the subject matter of these terms. "Implied Warranties" mean any term, condition or warranty implied law.

2. Operation

- (a) All orders for and supply of Goods will be governed by these conditions of sale.
- (b) A Customer accepts these conditions of sale by placing an order with the Company

3. Orders

- (a) The Customer must ensure that any order for Goods is placed by completing the order forms approved by the Company from time to time, and submitting the order form to the Company in the manner prescribed.
- (b) The Company is not obliged to accept any order for Goods. The Company will use reasonable endeavours to notify the Customer if an order is not accepted.

4. Delivery & Risk

- (a) The Company will aim to have the Goods available for delivery in a reasonable timeframe. The Customer acknowledges some Goods are not kept as stock lines. It is the Customer's responsibility to check lead times for Goods they have ordered. Acts of God, industrial strikes, unrest, administrative measures and other unpredictable, inevitable and severe occurrences beyond the control of the Company will relieve the Company of its liability for the duration of the disturbance and to the extent of its impact.
- (b) Delivery will take place at the time the Company physically provides the Goods to the Customer or to a carrier (whether engaged by the Company or by the Customer) ("Delivery Date").
- (c) Risk in the Goods will pass to the Customer on and from the Delivery Date.
- (d) If the Customer is in breach of any obligation, the Company has the right not to fulfill any unexecuted part orders and the Customer will not be required to pay for the unexecuted part order.
- (e) All delivery costs will be borne by the Customer, unless otherwise negotiated.

5. Prices and Payment

- (a) Subject to clause 5(f), payment of the full purchase price for the Goods is due and payable within 30 days of the date specified on the invoice. The prices charged for the Goods will be those set out on the price list as at the date of order.
- (b) The Company may change the price list at anytime and the amended price list will apply to an order received by the Company after the date of change. It is the Customer's responsibility to check the price list (available upon request from the Company) for any changes before placing an order with the Company.
- (c) Unless stated to the contrary, prices do not include taxes, duties, levies, imports or charges for which the Customer will be responsible.
- (d) If partial delivery is made, the Customer may pay for the proportionate amount of the order.
- (e) If the Customer fails to pay the Company within 30 days of the date specified in the invoice, then in addition to and without prejudice to any other right or remedy, the Company may:
 - terminate the Customer's authorisation to order Goods from the Company;
 - withhold all further deliveries of Orders placed by the Customer until the amounts owing by the Customer has been paid;
 - reject further Orders placed by the Customer;
 - take legal action against the Customer and/or any security provider for the unpaid amount where appropriate; and
 - refer the unpaid amount to a third party collection agency.
- (f) The full purchase price for the Goods will become immediately due and payable if the Customer, takes or has taken or instituted against it any action or proceeding whether voluntary or compulsory which has object or may result in the bankruptcy or winding up of the Customer (other than a voluntary winding up for the purposes of amalgamation or reconstruction) or is placed under official management or a receiver, receiver and manager or administrator is appointed over the whole or any part of its undertaking or the Customer is unable to pay its debts if and when they fall due.
- (g) The Company may recover from the Customer interest on any unpaid amounts at a rate of 10% of the balance overdue.

6. Returns

Products will be accepted from the Customer for credit only by prior written agreement with the Company, or to the extent that they have been wrongly or over supplied.

- (a) Subject to clause 6(b), the Customer may return Goods to the Company and obtain a credit in relation to those Goods provided that:
 - (i) the Customer obtains a Product Return Authorisation from the Company and includes a copy of the Product Return Authorisation with the return; and
 - (ii) the Customers provides the invoice numbers and the reasons for the return of the Goods.

CONDITIONS OF SALE

(b) Subject to any contrary right the Customer may have at law:

- (i) the Company will not provide credit for the return of any Goods made to order or any Goods sought to be returned more than 45 days after their Delivery Date;
- (ii) the Company will charge a restocking fee as follows for goods being returned within 45 days of the delivery date for either 'Not required' or 'Incorrect Order'. The restocking fee is as follows: Goods returned with 30 days of delivery date – Restocking fee is 15% of the total value of the goods. Goods returned between 30 and 45 days after the delivery date – Restocking fee is 25% of the value of the Goods
- (iii) the cost of returning any Goods will be borne by the Customer.

(c) If the Customer returns Goods in accordance with this clause 6, title and risk in the relation to those returned. Goods will revert to the Company at the time the Goods are received by the Company.

7. Title and Insurance

(a) Title to Goods remains in the Company until:

- (i) The full purchase price and all other sums payable by the Customer to the Company in respect of the Goods are paid; or
- (ii) The Customer sells or disposes of the Goods to its customers in the ordinary cause of business.

(b) While title to the Goods remains in the Company, the Customer will have no ownership or rights in the Goods and will, while possesses of the same, hold only as a mere bailee for the Company.

(c) Until the full purchase price and all other sums payable by the Customer to the Company in respect of the Goods are paid the Customer will store the Goods separately so that they are clearly identifiable and will label the Goods in a way which clearly manifests the Company's title (and will not transform the Goods or incorporate the Goods into other products).

(d) Notwithstanding anything in this clause, the Customer may sell or dispose of the Goods to its customers in the ordinary course of business in which case the Customer will:

- (i) hold the proceeds of sale for the Company and will not mix any of the proceeds of sale with its own money; and
- (ii) ensure that all receipts are kept separate and identifiable; and
- (iii) where requested by the Company assign to the Customer the benefit of any claim against a third party.

(e) If the Customer fails to pay the full purchase price for the Goods by the due date and the Goods are in the Customer's possession or control, the Company or its representative may, with reasonable notice, enter the Customer's premises or any premises where the Company reasonably believes the Goods are kept and remove the Goods provided that to do so is reasonable in all the circumstances .

(f) The Customer at its own expense must insure Goods on and from the Delivery Date.

8. Warranties

(a) Subject to clause 8(d), we accept liability arising from our breach of contract or negligence:

- (i) for any personal injury or death to you, your employees, agents and contractors in relation to the supply of the Goods;
- (ii) for any damage to your real or tangible property resulting from the supply of the Goods, but we limit our liability to our choice of repairing or replacing the property or paying the cost of repairing or replacing it; and
- (iii) for any other cost or expense you reasonably incur that is a direct result of, and flows naturally from, such breach or negligence (but excludes loss of profits, likely savings and data), but we limit our liability for all such claims in aggregate to the value of the goods supplied.

(b) Other than 8(a), we exclude all other liability whether to you or a third party for breach of contract, negligence or breach of any other law. For any liability which cannot lawfully be excluded, our liability is limited to resupplying or paying the cost of resupplying services and repairing, replacing or paying the cost of repairing or replacing goods.

(c) Notwithstanding anything else in this clause 8, our liability will be reduced to the extent the loss or damage is caused by you, your employees, agents or contractors.

(d) We will not be responsible for any loss or damage arising from circumstances outside our reasonable control.

(e) The terms that apply to the supply of Goods by us to you are those that are set out expressly in these conditions of sale and the pricing list, and those implied by fair trading laws to the supply of the Goods that cannot be excluded. No other terms apply.

9. General

(a) Special conditions stated in a Customer's order form are not considered binding on the Company unless the Company agreed to such special conditions in writing.

(b) These conditions of sale are governed by the law of Victoria and the Customer agrees to submit to the jurisdiction of Victorian courts and tribunals.

(c) The Customer acknowledges that the minimum amount of any order is \$100.00 unless the Company otherwise agrees in writing.

Engineering Your Road to Success

The SAF-HOLLAND Group is one of the leading international manufacturers of chassis-related assemblies and components for trailers, trucks and buses. The product range includes axle and suspension systems, fifth wheels, coupling systems, kingpins and landing legs. These products are known worldwide under the brands SAF, HOLLAND, HALDEX, KLL, NEWAY, TRAILERMASTER, V.ORLANDI and YORK.



TRAILER AXLES AND
SUSPENSION SYSTEMS



COUPLING AND LIFTING
TECHNOLOGIES



BRAKE AND AIR
SUSPENSION SYSTEMS



SUSPENSIONS AND COMPONENTS
FOR COMMERCIAL VEHICLES



SUSPENSIONS FOR
TRUCKS AND BUSES



TRAILER
TELEMATICS



COUPLING AND LIFTING
TECHNOLOGIES



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SUSPENSION SYSTEMS