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RINGFEDER COUPLINGS > CURRENT NEW ZEALAND PRODUCT FAMILY



RF50BNZ

For Heavy Duty Transport with 50mm drawbar eye. 2.6kg Lighter in Weight Upgraded and reinforced guiding funnel with easy serviceability. New Safety Device, manual secondary lock. Manufactured specifically for NZ conditions
Part No. RF50BNZ



2020G

For Light Commercial applications with 40mm drawbar eye. Proven in NZ conditions.
Part No. 2020G

D-Value:	Dc-Value:	V-Value:	Adm. Supporting Load:	Flange Size:	Repair Kit:
320 kN	135 kN	75/63 kN	1000 / 2000 kg	160 x 100	15990731

D-Value:	Dc-Value:	V-Value:	Adm. Supporting Load:	Flange Size:
30 kN	30 kN	18 kg	350 kg	83 x 56



RF40 -150GB

For Heavy Duty Transport with 40mm drawbar eye. Upgraded and reinforced guiding funnel with easy serviceability. New Safety Device, manual secondary lock. New designed Handle makes it easier to operate.
Part No RF40 -150G B



65G150

Non automatic hook type coupling.
Part No. 65G/150

D-Value:	Dc-Value:	V-Value:	Adm. Supporting Load:	Flange Size:	Repair Kit:
137 kN	92 kN	40 kN	1000/2000 kg	160 x 100	15990727

D-Value:	S-Value:	Adm. Trailer Load Full Trailer:
140 kN	1000 kg	35 t



RF50AMD

Air operated coupling.
Part No. 14999655 (Coupling Only)



6434

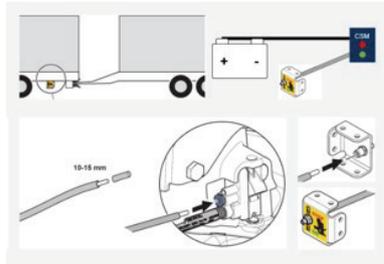
Shunting hook.
Part No. 6434

D-Value:	Dc-Value:	V-Value:	Adm. Supporting Load:	Flange Size:	Repair Kit:
200 kN	135 kN	75/63 kg	2000 kg	160 x 100	14 99 1328

D-Value:	Minimum Strength Class:	Trailer Load:	Fastening Screws:	Weight:
30 kN	8.8	20 t	M 14	3.5kg

RINGFEDER ACCESSORIES

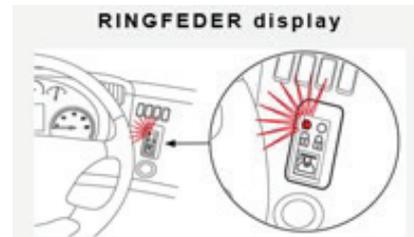
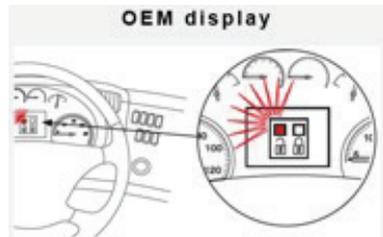
Deliver greater load safety and driver confidence with the simple installation of these retro-fit kits.



Outcab Locking indicator kit 12M & 16M RF50B NZ – BF40G150B

With a coupling sensor module (CSM) locking mode is shown by a built-in LED light indicator, and the signal (red / green) is clearly visible also in the dark. By connecting a passive fibre optic cable to the indicator, the signal can be displayed on any location – without the need for a base cab module (BCM) or separate wiring to the cab.

Part No. 15990319



CSM

Existing Manual Secondary lock on RF50BNZ is not compatible to hold a CSM sensor and hence a new manual secondary lock has been designed. This new manual secondary lock will be fitted to all RF50BNZ produced post 1st July 2022. Couplings produced pre-July 2022 will need their manual secondary lock changed to an automatic lock indicator when CSM is required.

Part No. 15990723



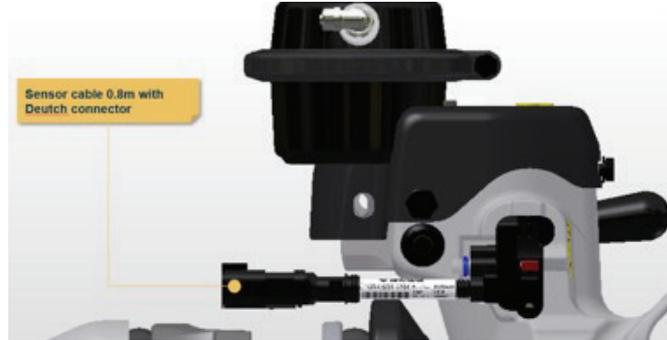
Ringfeder Coupling Oil Spray 250ml

Maximum protection from salt, dirt, moisture, frost and oxidation. Does not congeal at low temperatures.

- Ringfeder Coupling oil is fit-for-purpose unlike a multipurpose oil which is designed for multiple applications, which means compromises.
- Tested in tough conditions including snow, ice, rain, salty roads, graveled roads, muddy roads.
- Percentage of lubricant is much higher with a much higher viscosity - staying in place for a longer time and delivering better corrosion protection.
- Part No. 10090395

RINGFEDER ACCESSORIES

Deliver greater load safety and driver confidence with the simple installation of these retro-fit kits.



Automatic Lock

This kit has the ability to connect to smart dash of modern trucks but also comes with a display unit to suit application where smart dash is not available.

Part No. 15990739

12mm Kit Part No. 15990789

16mm Kit Part No. 15990791



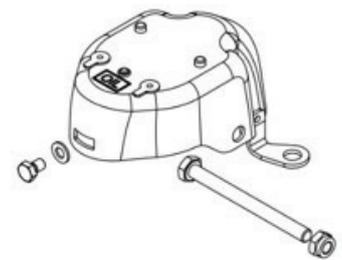
Jack Knife Kit: RF50B NZ

16M Kit Part No 15990795



CSM JK

Part No 15990724



RF50 JK Cap

Part No 15990722

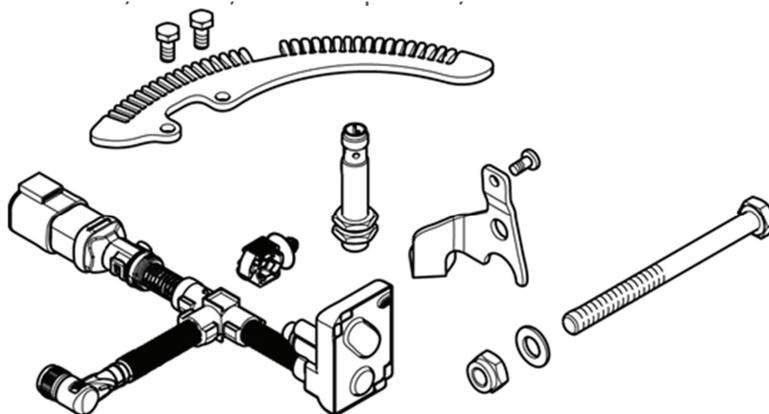
RINGFEDER ACCESSORIES

Deliver greater load safety and driver confidence with the simple installation of these retro-fit kits.



What you need to know:

To use the Jack knife sensor two special holes, need to be drilled. These holes cannot be drilled After Market due compliance issue. Couplings produced pre-July 2022 cannot be connected to a Jack knife sensor due this this reason. Couplings produced from July 2022 will have factory drilled holes by default along with a special handle to accommodate clearance for JK increment disc. Along with the new manual secondary lock to accommodate CSM. JK CSM and kit will be able to automatically accommodate lock indication for both in dash and external display unit. JK sensor can only be connected to a 50mm coupling. RF50BNZ-JK will be available to order off Ringfeder with all sensors pre-fitted as OEM option at OEM pricing.



JK Retro Fit Kit
Part No 15990876



TOW EYES - WELD-IN 40MM

Part No. 40MM/SS201025

- D-value: 125kN
- 55mm H x 65mm W shank x 335mm (hole centre to shaft end)
- Weight: 7.2kgs
- Static vertical support load: 900kgs
- DC-value: 66kN. V-value: 20kN



Part No. 40MM/LS201031

- D-value: 125kN
- 60mm H x 65mm W shank x 335 mm (hole centre to shaft end)
- Weight: 7.8kgs
- Static vertical support load: 1000kgs
- DC-value: 74kN. V-value: 23kN



TOW EYES - WELD-IN 50MM

Part No. 50MM/SS203031

- D-value: 190kN
- 60mm H x 65mm W shank x 375mm (hole centre to shaft end)
- Weight: 10.5kgs
- Static vertical support load: 1000kgs
- DC-value: 90kN. V-value: 30kN



Part No. 50MM/LS203142

- D-value: 314kN
- 75mm W x 90mm H shank x 385 (hole centre to shaft end)
- Weight: 13.4kgs



Part No. 9994939

- D-value: 320kN
- Length 331mm (face plate to eye centre)
- Weight: 28.5kgs
- DC-value: 135kN
- V-value: 75kN @ 1000kg vertical load
- V-value: 63kN @ 2500kg vertical load



TOW EYES - FLANGE MOUNT

Part No. 10990548 (40mm)

- D-value: 125kN. 6 Bolt holes. Weight: 10kgs
- Length 250mm (hole centre to shaft end)
- Static vertical support load: 1000kgs
- DC-value: 100kN. V-value: 40kN
- Screw Specs: M16 x 50 DIN9 12-10.9
- Kit Part No. 10990548KIT



Part No. 10995337 (50mm)

- D-value: 190kN
- 8 Bolt holes. Weight: 11.2kgs
- Length 250mm (hole centre to shaft end)
- Static vertical support load: 1000kgs
- DC-value: 120kN. V-value: 50kN
- Screw Specs: M16 x 50 DIN9 12-10.9
- Kit Part No. 10995337KIT



Part No. 2498405 Backing Plate for Flange Mount Tow Eyes

- Suitable for both 40 (part no. 10990548) and 50mm (part no. 10995337) flange mount tow eyes.
- Mounting Bolt Kit Part Nos. 6 Bolt = 08992835. 8 Bolt = 14990561.



TOW EYES - INTERCHANGEABLE

- Part No.** Description:
5992877 40mm Assembly
5992885 50mm Assembly
47204580 3" Pintle Eye Assembly

- Torque nut to 750Nm



Pictured: 5992877

Part No. 6992013 (201581)

- Length 475mm (hole centre to shaft end)
- Weight: 9.8kg
- Static vertical support load: 1000kgs
- D-value: 125kN
- Dc-value: 74kN
- V-value: 23kN



Part No. 6992021 (203583)

- Length 475mm (hole centre to end of shaft)
- Weight: 11.1kg
- Static vertical support load: 1000kgs
- D-value: 190kN
- Dc-value: 90kN
- V-value: 25kN



Part No. 1636855 Housing



Part No. 12991240 Washer



Part No. 6997732 Nut



Part No. 12991533 Split Pin



TOW EYES - BUSHES & TOOLS

Bushes 40mm

Part No.	Outer Dia:
10995469	48 mm
10995485	48.5 mm
10995558	49 mm
10995540	50 mm
10995477	49 mm

Bushes 50mm

Part No.	Outer Dia:
10996589	60.5 mm
10996520	61 mm
10996570	61.5 mm



Part No. 10990998 Coupling Pin and Tow Eye Bush Wear Gauge

- Wear gauge for 40mm and 50mm coupling pin and tow eye bush



Drift for Tow Eye Bush

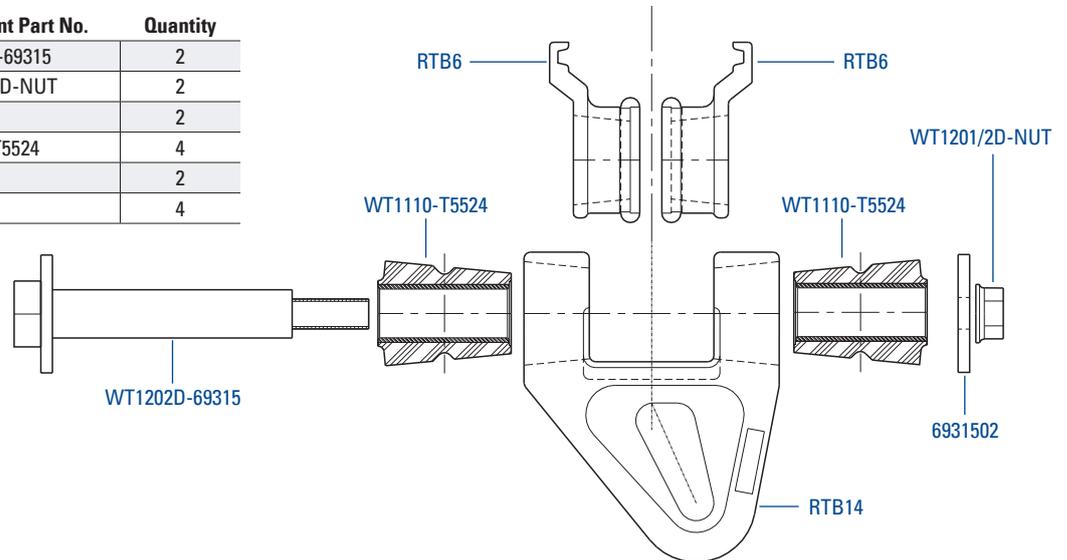
Part No.	Size:
40MMD	40 mm
50MMD	50 mm



DRAWBAR KITS

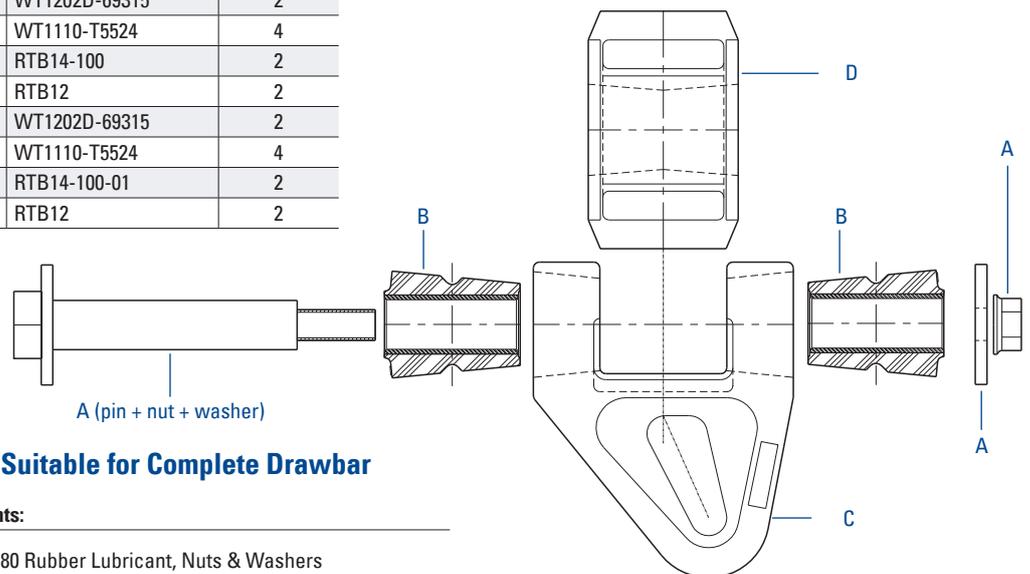
RTBK Drawbar Kit

Kit Part No:	Component Part No.	Quantity
RTBK	WT1202D-69315	2
	WT1201/2D-NUT	2
	6931502	2
	WT1110-T5524	4
	RTB14	2
	RTB6	4



UTBK Drawbar Kits

Kit Part No:	Component	Component Part No.	Quantity
UTBK	A	WT1202D-69315	2
	B	WT1110-T5524	4
	C	RTB14	2
	D	RTB12	2
UTBK-01	A	WT1201D	2
	B	WT1101HD-HDB2	4
	C	RTB14	2
	D	RTB12	2
UTBK-100 100mm brackets WITH ribs for 2 million kms	A	WT1202D-69315	2
	B	WT1110-T5524	4
	C	RTB14-100	2
	D	RTB12	2
UTBK-100-01 100mm brackets NO ribs for 2 million kms	A	WT1202D-69315	2
	B	WT1110-T5524	4
	C	RTB14-100-01	2
	D	RTB12	2



New UTBK Bush & Pin Kits - Suitable for Complete Drawbar

Kit Part No.	Kit Contents:
DB BUSH KIT 41MM	Bushes, P80 Rubber Lubricant, Nuts & Washers
DB BUSH KIT 51MM	
DB PIN KIT 41MM	Bushes, P80 Rubber Lubricant & Complete Pins
DB PIN KIT 51MM	

ROTHE-ERDE BALLRACE TURNTABLES

Type 90 Turntable Maintenance

Prior to installation, the turntable must be re-greased whilst turning the upper ring until a grease collar appears at all bearing gaps around the entire circumference. A penetration grade 2 lithium-saponified grease should be used for re-greasing.

Re-greasing should also be carried out after installation, rotating the turntable to achieve uniform grease distribution. The intervals for re-lubrication and examination of the preload of the bolt connections are determined by the installation requirements and operating conditions. However, the turntable must be lubricated at least once a month.

The "as-supplied" bearing clearances shown in the bearing tables may be allowed to increase through wear by a maximum of 3mm axially and radially. Thereafter, the turntable must be replaced.



Rothe Erde 'Fully Factory Supported' Range:

Part No:	Capacity:	Diameters:	Height	Max. Brng. Clearance off New:		Replaces:
				(t)	Upper/Lower:	
16/750	3	684 x 750	48	1 mm	0.7 mm	750N
90/1000.24	14	1008 x 1000	90	1 mm	0.7 mm	HE12/1000
90/1100.24	16	1108 x 1100	90	1 mm	0.7 mm	HE12
90/1200.24	18	1208 x 1200	90	1 mm	0.7 mm	HE22/1200
90/1300.22	16	1308 x 1300	90	1 mm	0.7 mm	
90/1000.24J	14	1008 x 1000	90	1 mm	0.7 mm	SO1000 / 24J
90S/1000	16	1000 x 987	90	1 mm	0.7 mm	DK90/12 - DK90/14
90S/1100	20	1108 x 1095	90	1 mm	0.7 mm	DK90/13 - DK90/20
90S/1200	30	1208 x 1195	90	1 mm	0.7 mm	

* Note all models are not pre-drilled except for 90S/1200.

16/750
 Capacity
 Axial Load: 3T
 Weight: 26kg
 Replaces:
 Jost 750N Capacity 3T

90/1100.24
 Capacity
 Axial Load: 16T
 Weight: 71kg
 Replaces:
 Jost HE12 Capacity 8T

90/1000.24
 Capacity
 Axial Load: 14T
 Weight: 64kg
 Replaces:
 Jost HE12/1000 Capacity 7T

90S/1000
 Capacity
 Axial Load: 16T
 Weight: 83kg
 Replaces:
 BPW DK90/12 Capacity 12T
 & DK90/14 Capacity 14T

90S/1100
 Capacity
 Axial Load: 20T
 Weight: 92kg
 Replaces:
 BPW DK90/13 Capacity 13T
 & DK90/20 Capacity 20T

90/1000.24J
 Capacity
 Axial Load: 14T
 Weight: 65kg
 Replaces:
 SO1000 / 24J Jost

DRILLED 90S/1200
 Capacity
 Axial Load: 30T
 Weight: 101kg

90/1200.24
 Capacity
 Axial Load: 18T
 Weight: 79kg
 Replaces:
 HE22/1200

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