



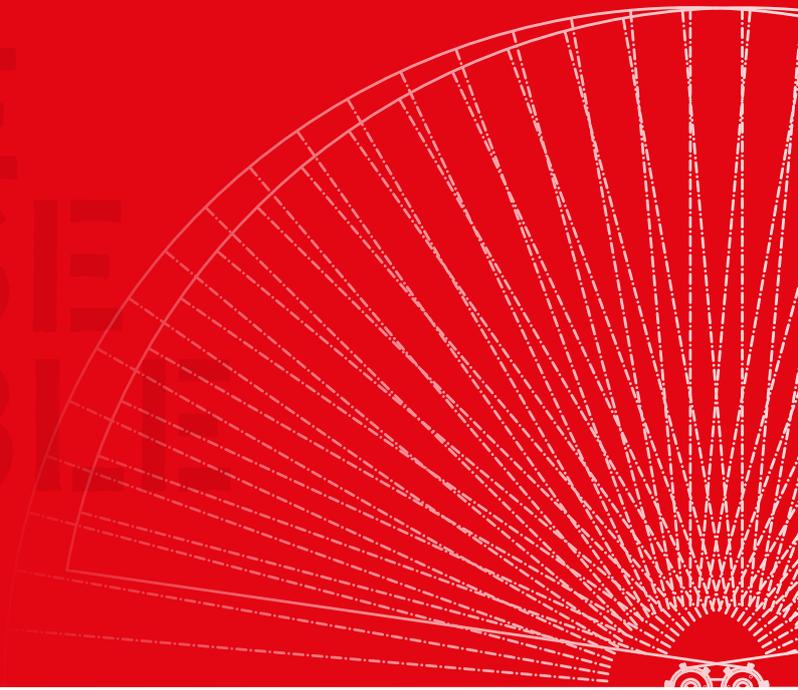
SPAREPARTS  
AUSTRALIA



ISOBUS

F4

SIMPLE  
PRECISE  
RELIABLE



December 2022

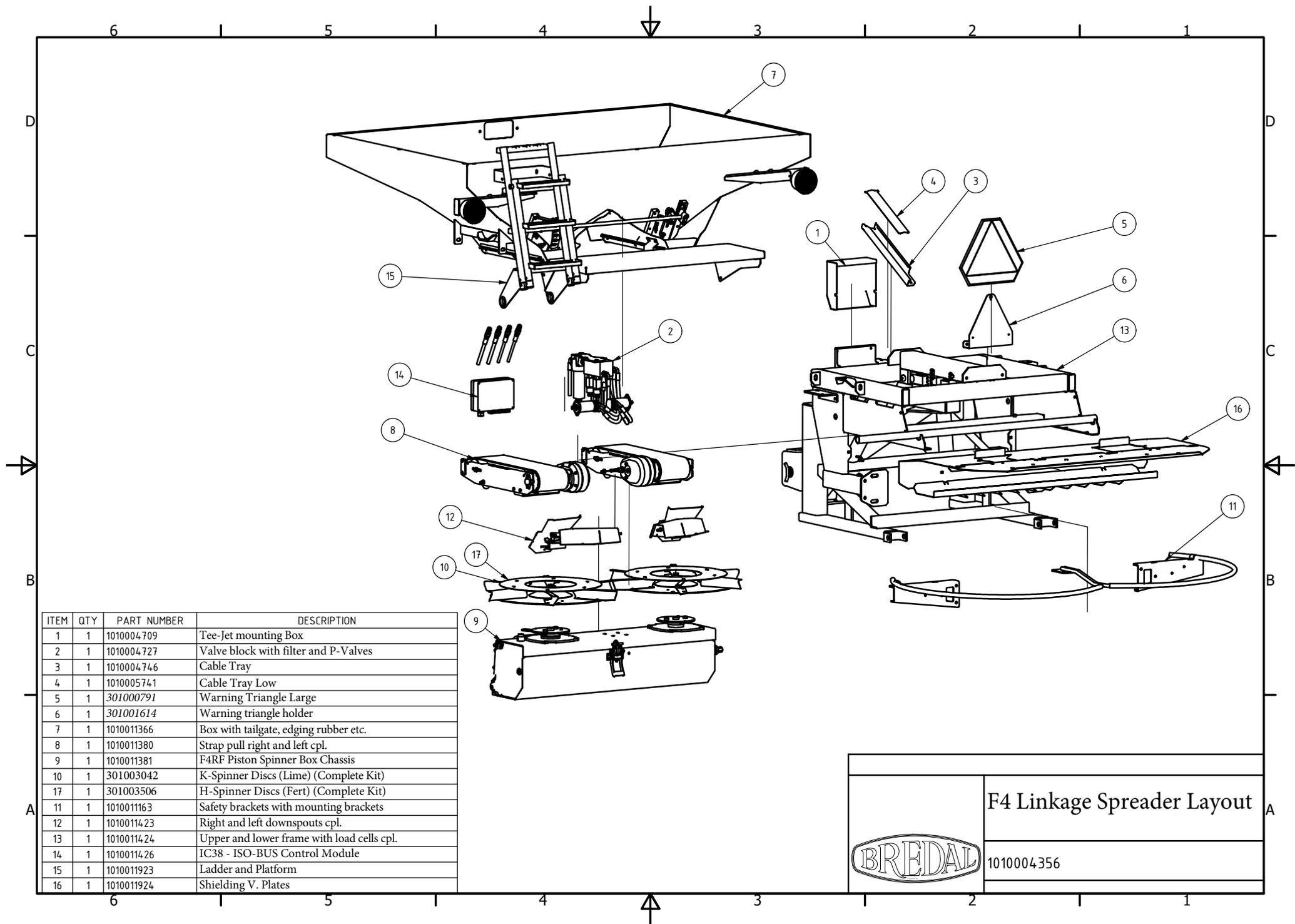
# PART LOCATOR

Click to find a part number  
or  
Part Description



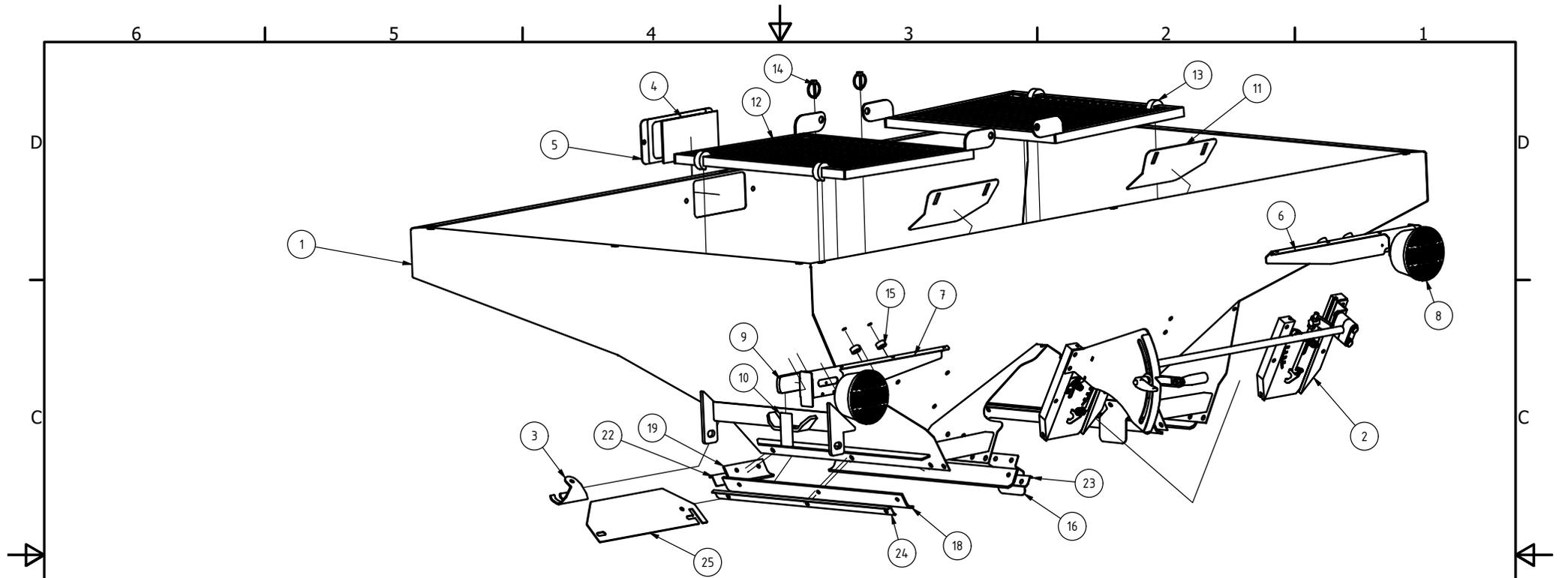
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ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010004.709	Tee-Jet mounting Box
2	1	1010004.727	Valve block with filter and P-Valves
3	1	1010004.746	Cable Tray
4	1	1010005.741	Cable Tray Low
5	1	3010007.91	Warning Triangle Large
6	1	3010016.14	Warning triangle holder
7	1	1010011.366	Box with tailgate, edging rubber etc.
8	1	1010011.380	Strap pull right and left cpl.
9	1	1010011.381	F4RF Piston Spinner Box Chassis
10	1	3010030.42	K-Spinner Discs (Lime) (Complete Kit)
11	1	3010035.06	H-Spinner Discs (Fert) (Complete Kit)
12	1	1010011.4.23	Right and left downspouts cpl.
13	1	1010011.4.24	Upper and lower frame with load cells cpl.
14	1	1010011.4.26	IC38 - ISO-BUS Control Module
15	1	1010011.9.23	Ladder and Platform
16	1	1010011.9.24	Shielding V. Plates

	<h2>F4 Linkage Spreader Layout</h2>
	<p>1010004.356</p>

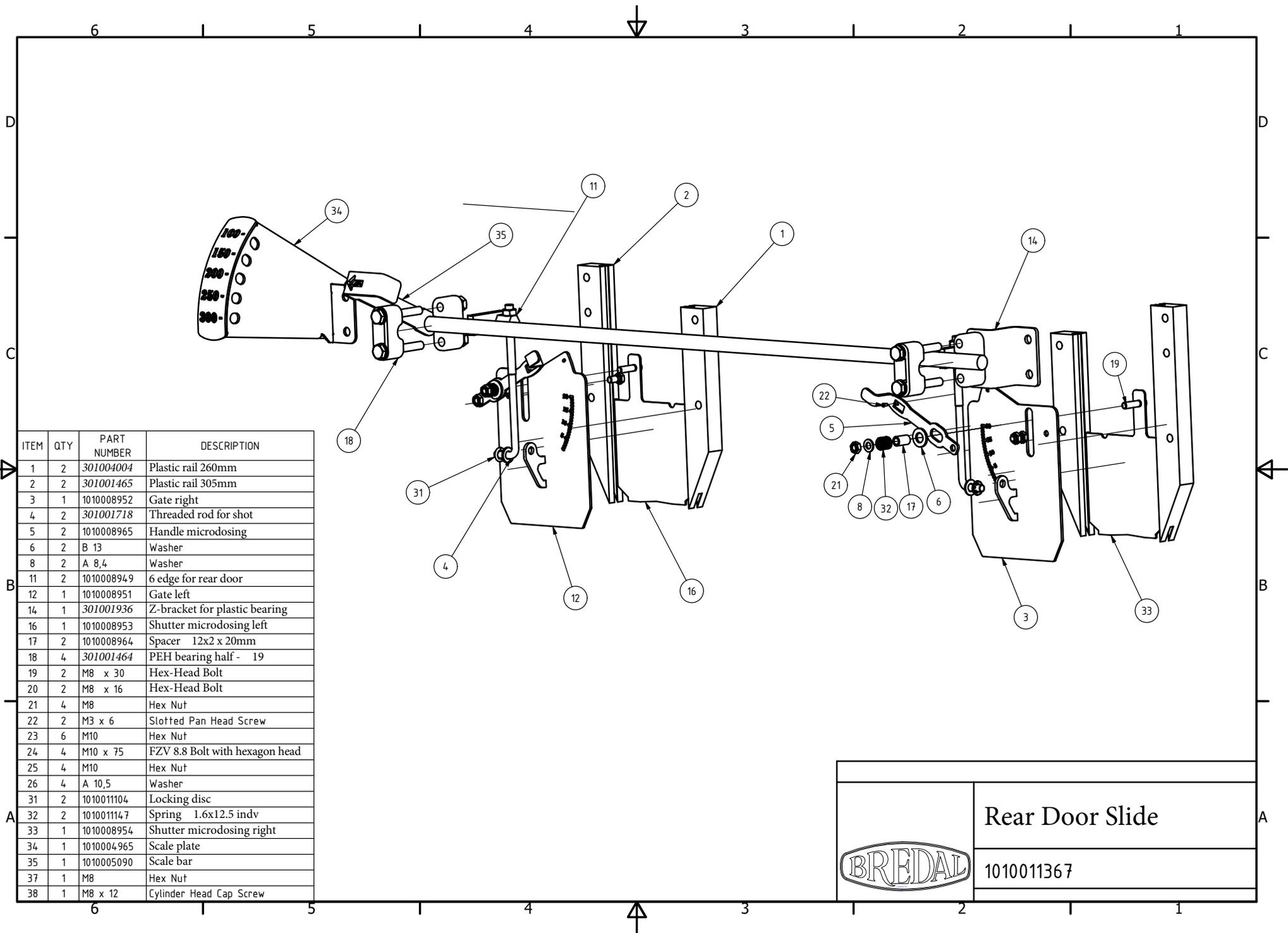


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010009162	Box assembly drawing
2	1	1010008364	Assembly drawing tailgate
3	1	1010009059	Holder for hydraulic hoses double
4	1	301003455	Plexiglas NOTE window
5	1	301002281	Frame NOTE window 1.5 mm. stainless
6	1	301004107	Bracket for lamp right
7	1	301004107	Bracket for lamp left
8	2	1010004474	LED taillight
9	2	301000809	Clear Side light lamps
10	2	1010011107	Reflex yellow
11	2	1010008959	Cover plate for tape
12	2	301001893	Hopper Stainless Steel Mesh Screen F2/F4
13	4	1010010616	Spacer grate
14	2	1010005089	Ring split 4.5
15	4	1010011108	Plastic spacer 12 mm
16	2	1010003819	2mm stainless steel plate
18	2	1010009017	Edge rubber side
19	1	1010009014	Edge rubber front
21	1	301004155	Edge rail front right
22	1	301001819	Edge rail front left
23	2	1010009021	Edge rail side
24	2	1010009020	Edge rail side
25	1	1010000679	Cover plate F2



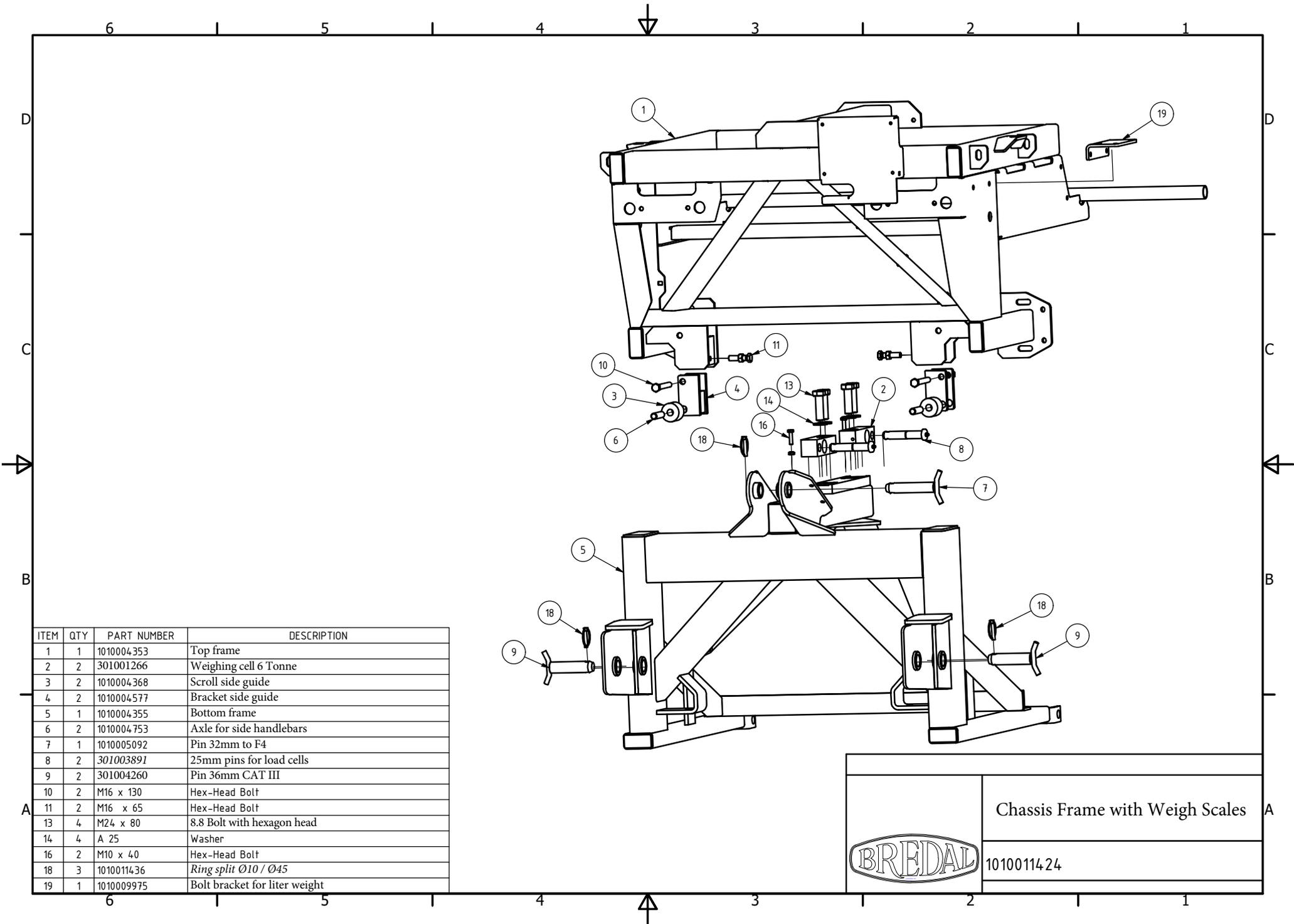
Product Box with Tailgate

1010011366



ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	301004004	Plastic rail 260mm
2	2	301001465	Plastic rail 305mm
3	1	1010008952	Gate right
4	2	301001718	Threaded rod for shot
5	2	1010008965	Handle microdosing
6	2	B 13	Washer
8	2	A 8,4	Washer
11	2	1010008949	6 edge for rear door
12	1	1010008951	Gate left
14	1	301001936	Z-bracket for plastic bearing
16	1	1010008953	Shutter microdosing left
17	2	1010008964	Spacer 12x2 x 20mm
18	4	301001464	PEH bearing half - 19
19	2	M8 x 30	Hex-Head Bolt
20	2	M8 x 16	Hex-Head Bolt
21	4	M8	Hex Nut
22	2	M3 x 6	Slotted Pan Head Screw
23	6	M10	Hex Nut
24	4	M10 x 75	FZV 8.8 Bolt with hexagon head
25	4	M10	Hex Nut
26	4	A 10,5	Washer
31	2	1010011104	Locking disc
32	2	1010011147	Spring 1.6x12.5 indv
33	1	1010008954	Shutter microdosing right
34	1	1010004965	Scale plate
35	1	1010005090	Scale bar
37	1	M8	Hex Nut
38	1	M8 x 12	Cylinder Head Cap Screw

	Rear Door Slide
	1010011367

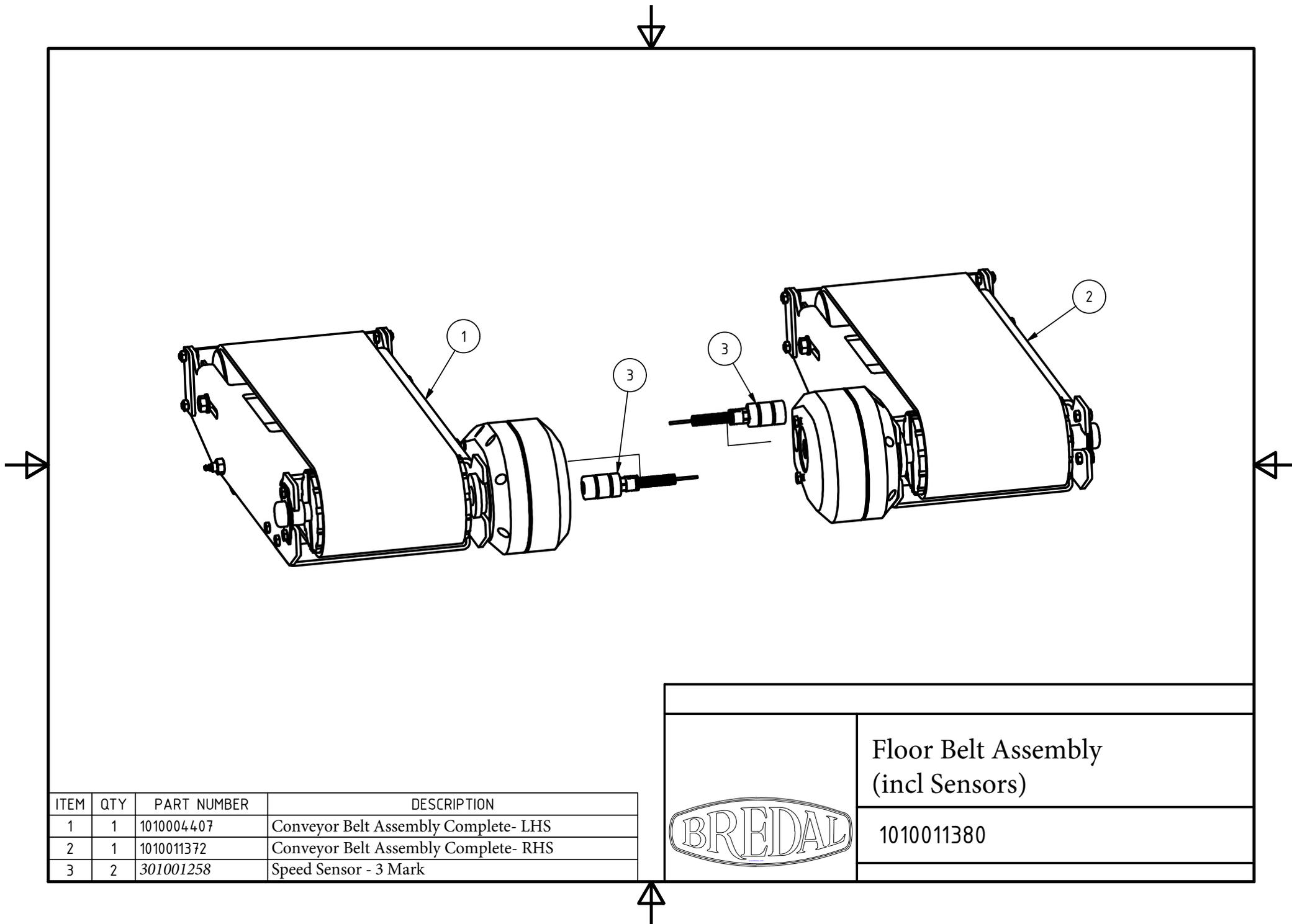


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010004.353	Top frame
2	2	301001266	Weighing cell 6 Tonne
3	2	1010004.368	Scroll side guide
4	2	1010004.577	Bracket side guide
5	1	1010004.355	Bottom frame
6	2	1010004.753	Axle for side handlebars
7	1	1010005.092	Pin 32mm to F4
8	2	301003891	25mm pins for load cells
9	2	301004260	Pin 36mm CAT III
10	2	M16 x 130	Hex-Head Bolt
11	2	M16 x 65	Hex-Head Bolt
13	4	M24 x 80	8.8 Bolt with hexagon head
14	4	A 25	Washer
16	2	M10 x 40	Hex-Head Bolt
18	3	10100114.36	Ring split Ø10 / Ø45
19	1	1010009.975	Bolt bracket for liter weight



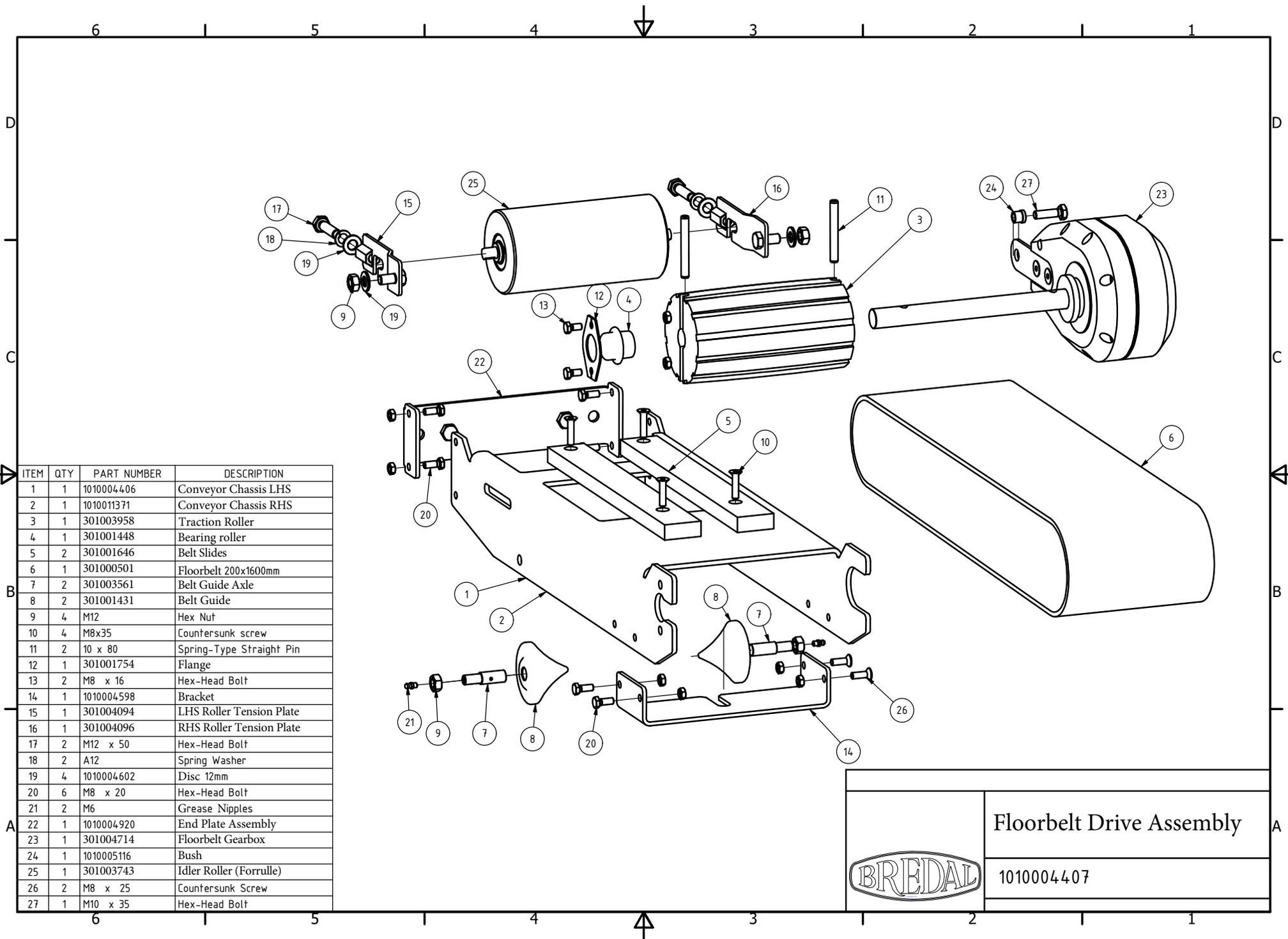
Chassis Frame with Weigh Scales

10100114.24



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010004407	Conveyor Belt Assembly Complete- LHS
2	1	1010011372	Conveyor Belt Assembly Complete- RHS
3	2	301001258	Speed Sensor - 3 Mark

	Floor Belt Assembly (incl Sensors)
	1010011380



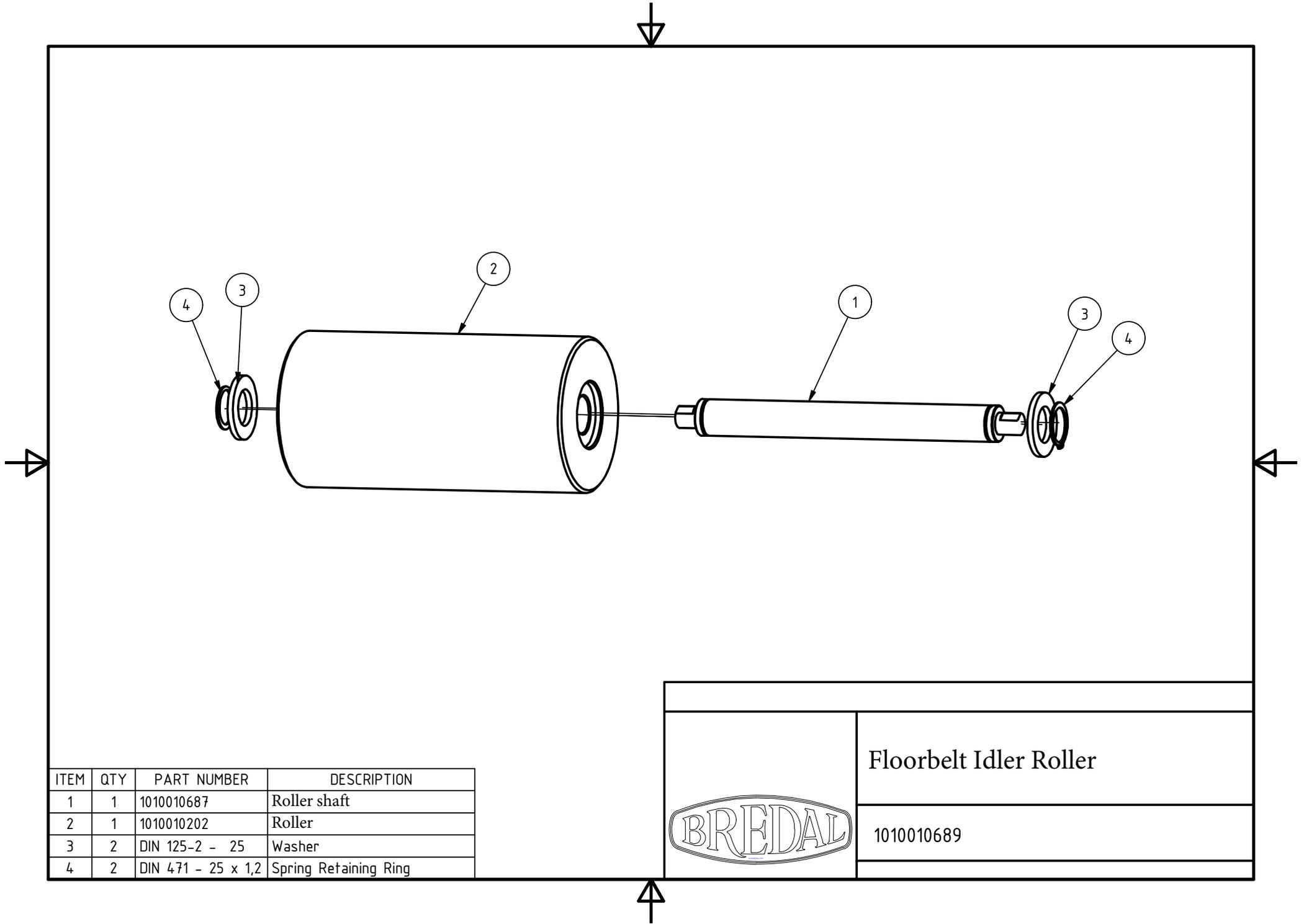
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010004406	Conveyor Chassis LHS
2	1	1010011371	Conveyor Chassis RHS
3	1	301003958	Traction Roller
4	1	301001448	Bearing roller
5	2	301001646	Belt Slides
6	1	301000501	Floorbelt 200x1600mm
7	2	301003561	Belt Guide Axle
8	2	301001431	Belt Guide
9	4	M12	Hex Nut
10	4	M8x35	Countersunk screw
11	2	10 x 80	Spring-Type Straight Pin
12	1	301001754	Flange
13	2	M8 x 16	Hex-Head Bolt
14	1	1010004598	Bracket
15	1	301004094	LHS Roller Tension Plate
16	1	301004096	RHS Roller Tension Plate
17	2	M12 x 50	Hex-Head Bolt
18	2	A12	Spring Washer
19	4	1010004602	Disc 12mm
20	6	M8 x 20	Hex-Head Bolt
21	2	M6	Grease Nipples
22	1	1010004920	End Plate Assembly
23	1	301004714	Floorbelt Gearbox
24	1	1010005116	Bush
25	1	301003743	Idler Roller (Forrulle)
26	2	M8 x 25	Countersunk Screw
27	1	M10 x 35	Hex-Head Bolt



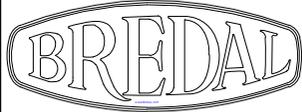
Floorbelt Drive Assembly

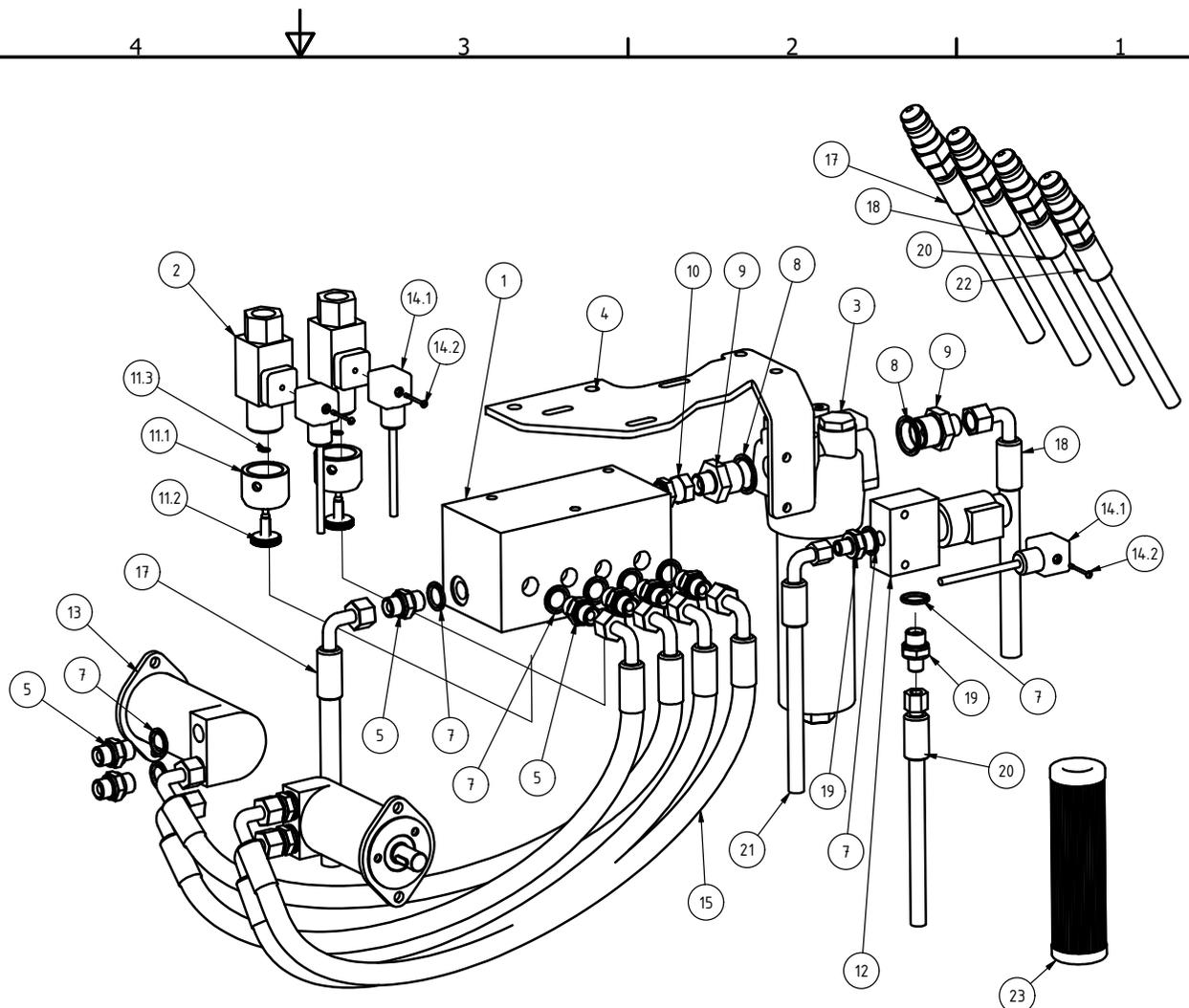
1010004407





ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010010687	Roller shaft
2	1	1010010202	Roller
3	2	DIN 125-2 - 25	Washer
4	2	DIN 471 - 25 x 1,2	Spring Retaining Ring

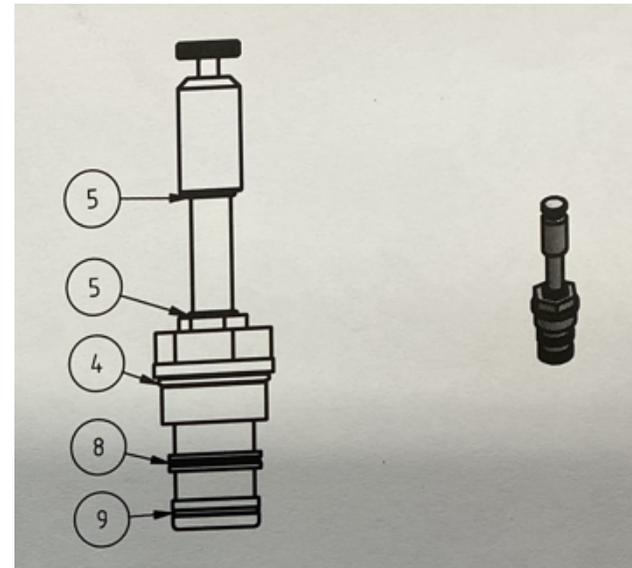
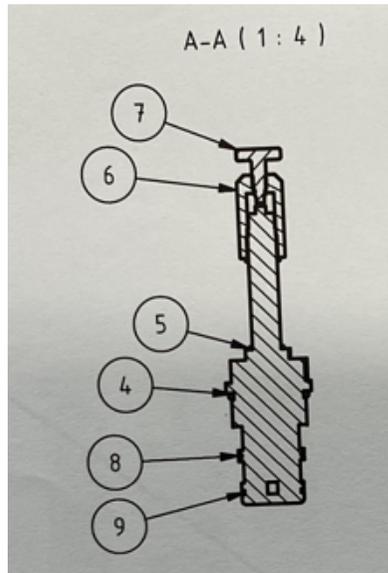
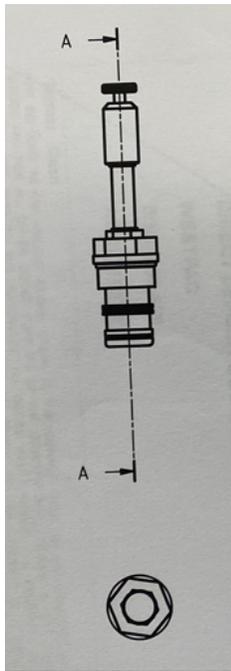
	<h3>Floorbelt Idler Roller</h3>
	<p>1010010689</p>



**NOTE:** See next page for PMW Valve breakdown

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010010475	Block for 2 Valves
2	2	See above	PWM Valve
3	1	1010011954	Oil Filter Coupler
4	1	1010004728	Plate for PWM Valves & Filter
5	9	1010011870	3/8-3/8 fitting
7	12	1010011873	O-Ring 1/2"
8	2	1010011875	O-Ring 3/4"
9	2	1010011876	3/4-3/8 fitting
10	1	1010011877	3/8udv -3/8 indv fitting
11	2	301003741	PWM-Valve Adjusting Tap
11.1	1	1010010500	Adjusting screw housing
11.2	1	1010010501	Adjusting screw
11.3	1	Ø 6x0,7	Retaining rings for shaft
12	1	301001213	Valve
13	2	301003801	OMM 50 motor
14	3	1010011884	Plug PWM-Valve Coupler with 1m cable
14.1	1	1010011881	Connector for PWM-Valve
14.2	1	M3x28	Screw
15	4	1010011885	3/8 hose (Motor to Valve)
17	1	1010011888	3/8 hose (Return hose to tractor)
18	1	1010011889	3/8 hose (Filtered flow hose)
19	2	1010011891	1/4-3/8 fitting
20	1	1010011896	1/4" hose (Tractor to on/off valve)
21	1	1010011898	1/4" hose (on/off valve to cylinder)
22	1	1010011899	1/4" hose (Tractor to cylinder)
23	1	301000715	Oil Filter Cartridge (10micron)

	<b>Hydraulic System</b>
	1010004727



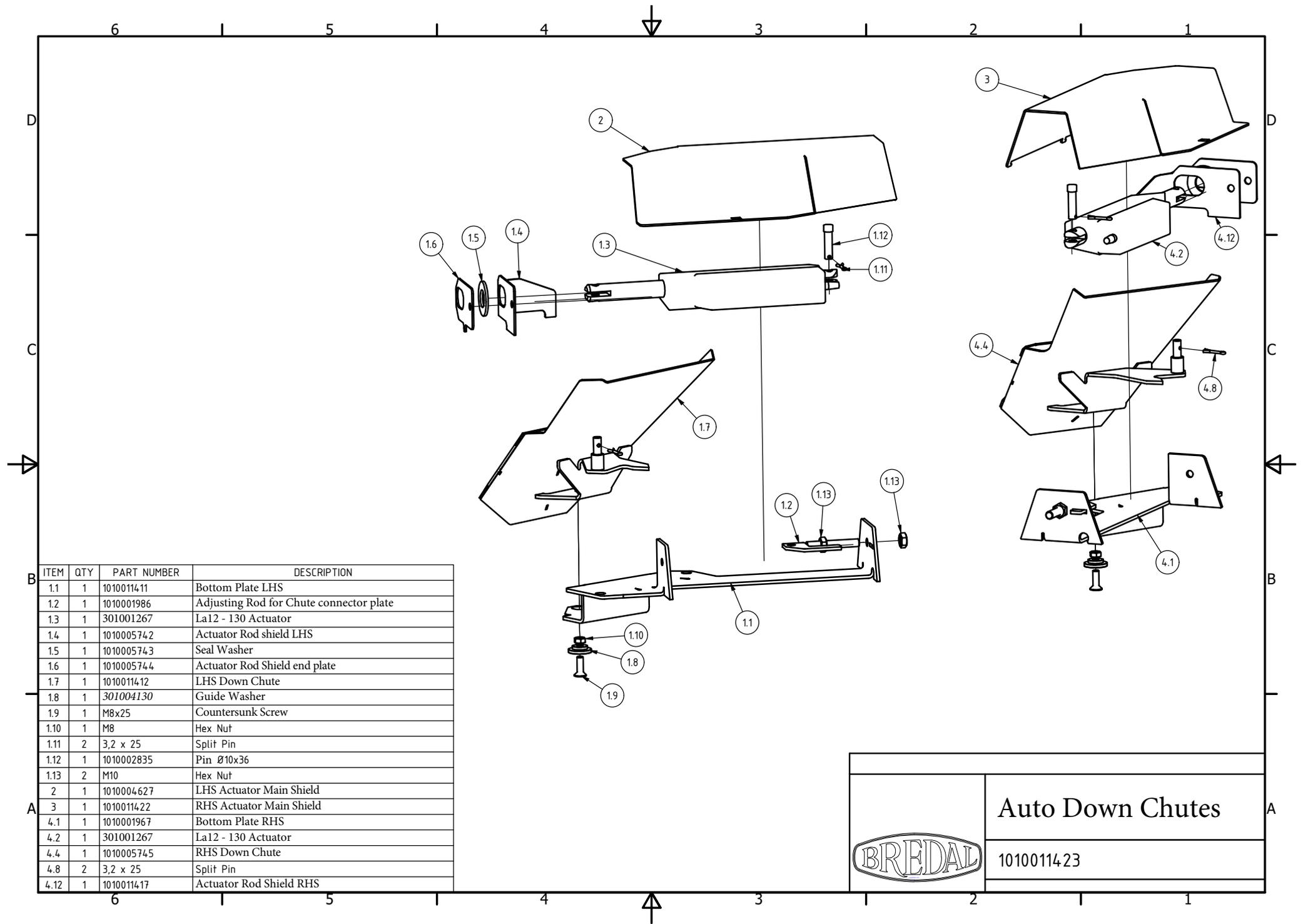
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010008666	Ventiblok 90l 2018
2	1	1010009797	Ventil
3	1	1010009798	spole
6	1	1010009853	Hus for fingerskrue 50 l ventil 2019
7	1	1010010501	Justerskrue p-ventil 50l 2019
4	1	1010012441	O-ring 39,35 x 2,62 NB-70
5	2	1010012445	O-ring 16 x 1,75
8	1	1010012446	O-ring 33,05x 1,78 NB-70
9	1	1010012447	O-ring 31,47 x 1,78 NB-70

PWM Valve for Spinners: 301001213

PWM Valve for Floorbelt: 301000833

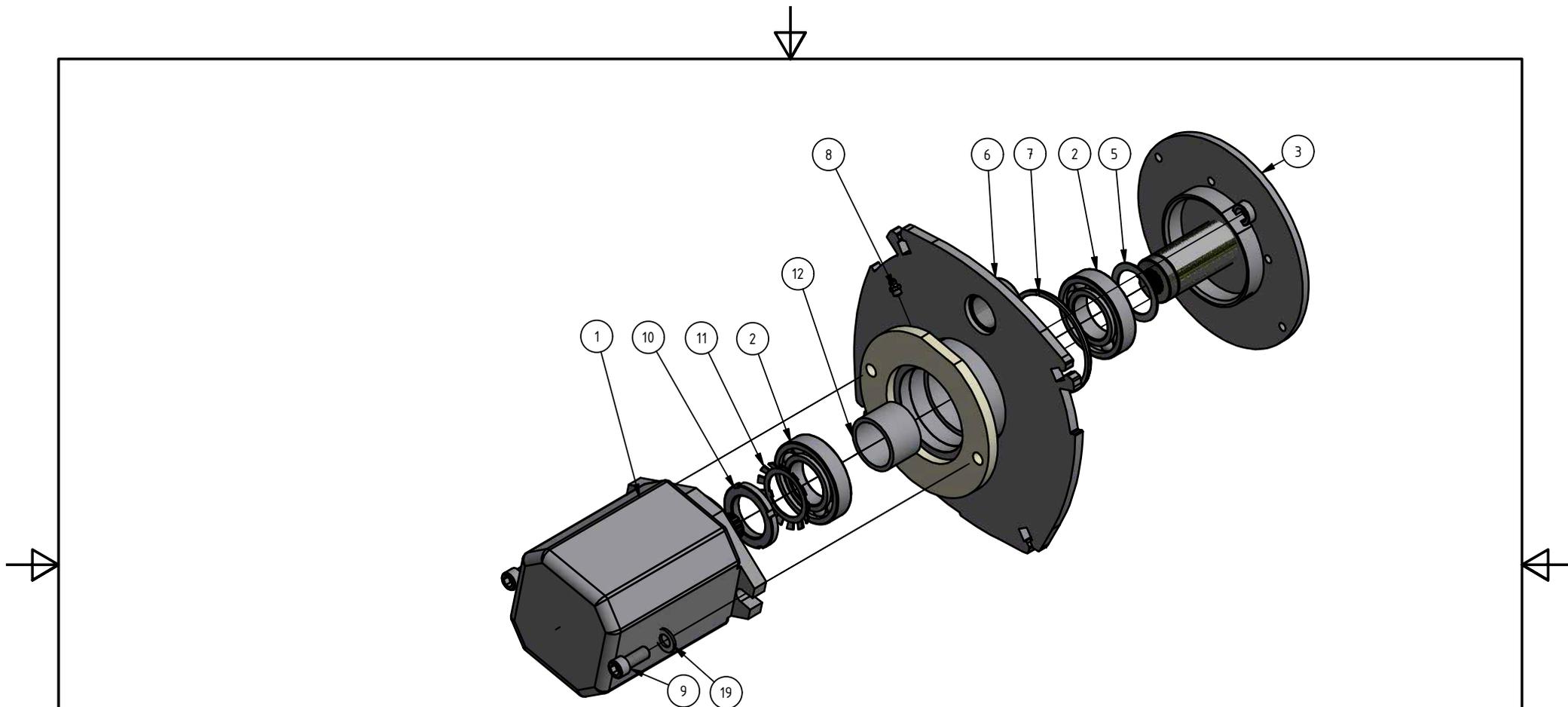


PWM Spool Valve  
(Spinners & Floorbelt)



ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	1010011411	Bottom Plate LHS
1.2	1	1010001986	Adjusting Rod for Chute connector plate
1.3	1	301001267	La12 - 130 Actuator
1.4	1	1010005742	Actuator Rod shield LHS
1.5	1	1010005743	Seal Washer
1.6	1	1010005744	Actuator Rod Shield end plate
1.7	1	1010011412	LHS Down Chute
1.8	1	301004130	Guide Washer
1.9	1	M8x25	Countersunk Screw
1.10	1	M8	Hex Nut
1.11	2	3,2 x 25	Split Pin
1.12	1	1010002835	Pin Ø10x36
1.13	2	M10	Hex Nut
2	1	1010004627	LHS Actuator Main Shield
3	1	1010011422	RHS Actuator Main Shield
4.1	1	1010001967	Bottom Plate RHS
4.2	1	301001267	La12 - 130 Actuator
4.4	1	1010005745	RHS Down Chute
4.8	2	3,2 x 25	Split Pin
4.12	1	1010011417	Actuator Rod Shield RHS

	<b>Auto Down Chutes</b>
	1010011423



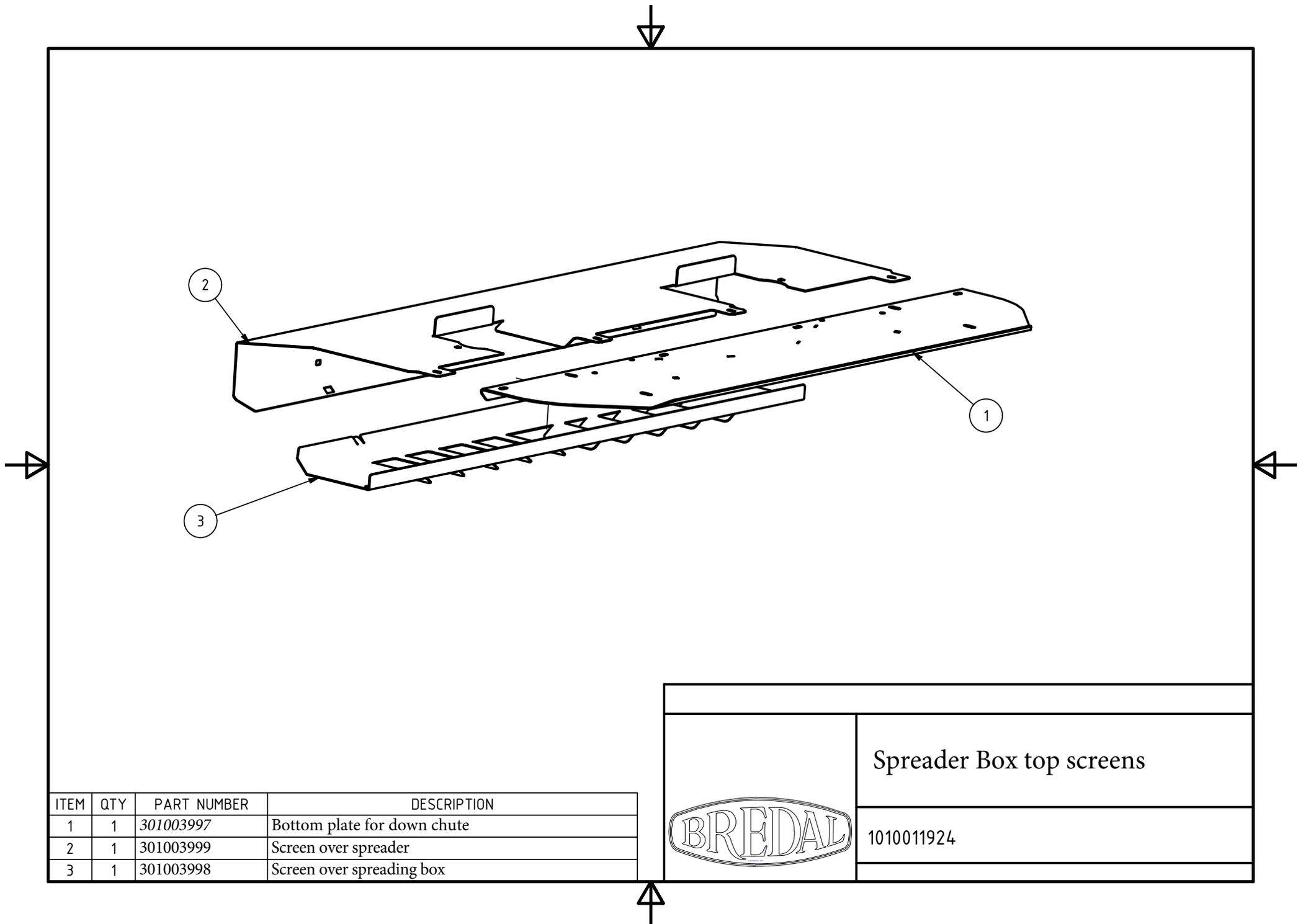
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	301003563 - Motor 64cc-Z15	DaniTech M4MF65-B3R- motor 15
2	2	DIN 625 SKF - SKF 6209-2RS1	Bearing
3	1	301003665	Piston Motor Top (Spinner connect)
5	1	301003666	Shim Ø45x1,5
6	1	301003950	Bearing housing for piston motor
7	1	301000914	Piston Ring 105-5
8	1	DIN 71412 - AM8 x 1 kegleformet kort	Gease nipple conical Type A
9	2	DIN 912 - M12 x 30	Closed cylindrical head screw
10	1	DIN 981 - KM 9	Shaft Screw nut (notched)
11	1	DIN 981 - MB9	Locking Disc
12	1	301003669	Tube Ø55x4,5 - 39
19	2	DIN 126 - 13,5	Washers for hexagon bolts



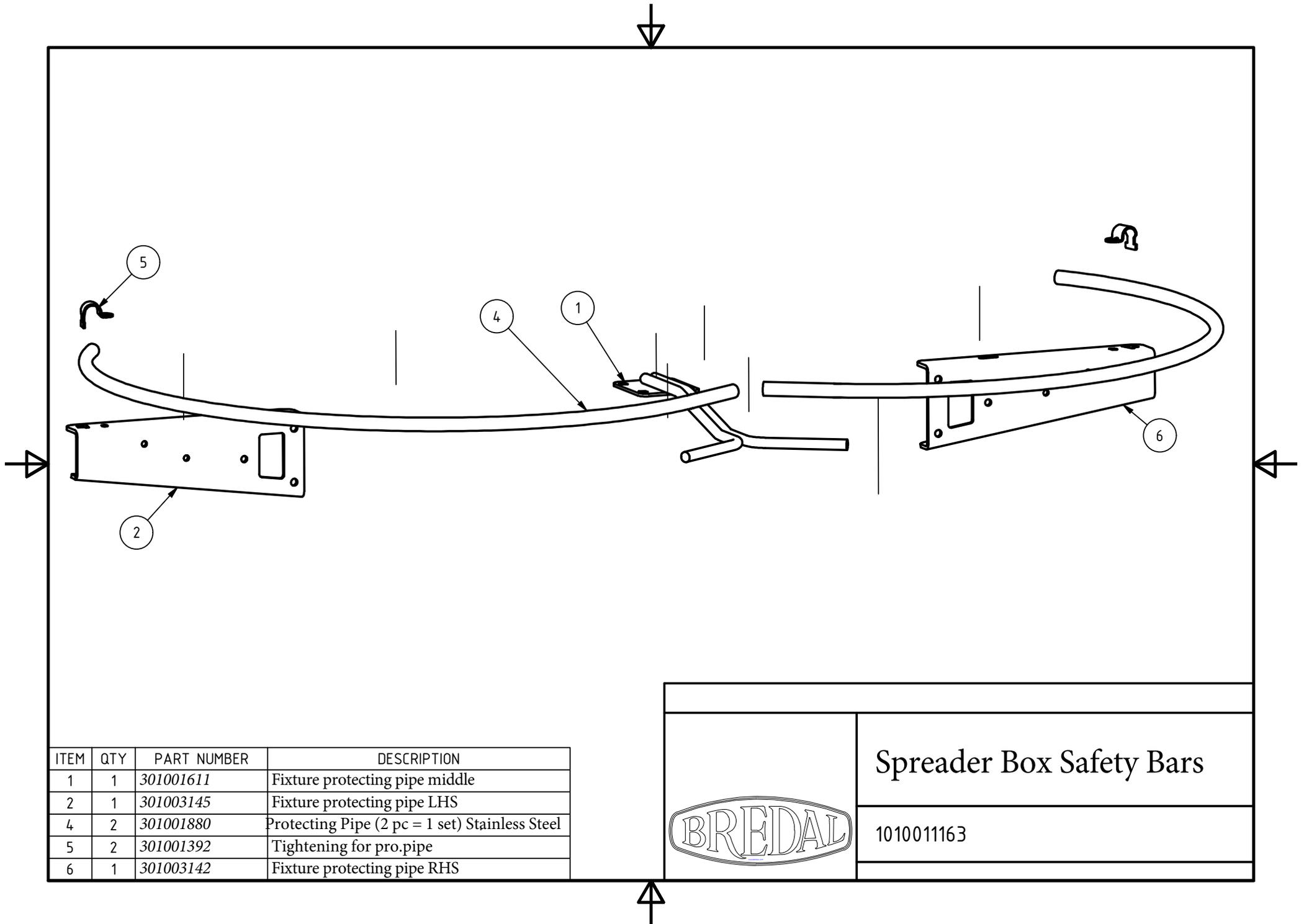
Hydraulic Piston Spinner Drive Motor

301003563 (Complete Motor)



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	301003997	Bottom plate for down chute
2	1	301003999	Screen over spreader
3	1	301003998	Screen over spreading box

		<b>Spreader Box top screens</b>
		1010011924

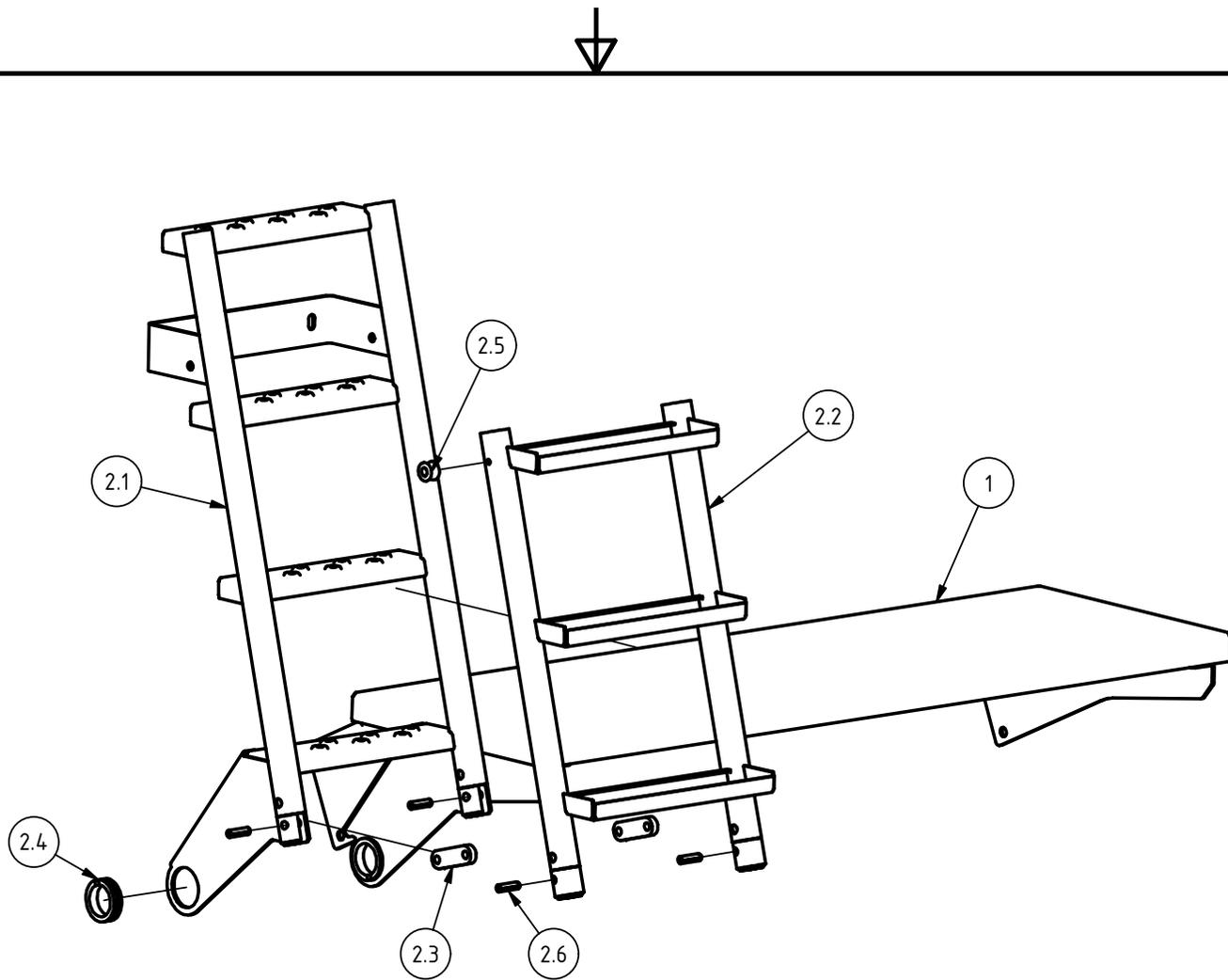


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	301001611	Fixture protecting pipe middle
2	1	301003145	Fixture protecting pipe LHS
4	2	301001880	Protecting Pipe (2 pc = 1 set) Stainless Steel
5	2	301001392	Tightening for pro.pipe
6	1	301003142	Fixture protecting pipe RHS



## Spreader Box Safety Bars

1010011163

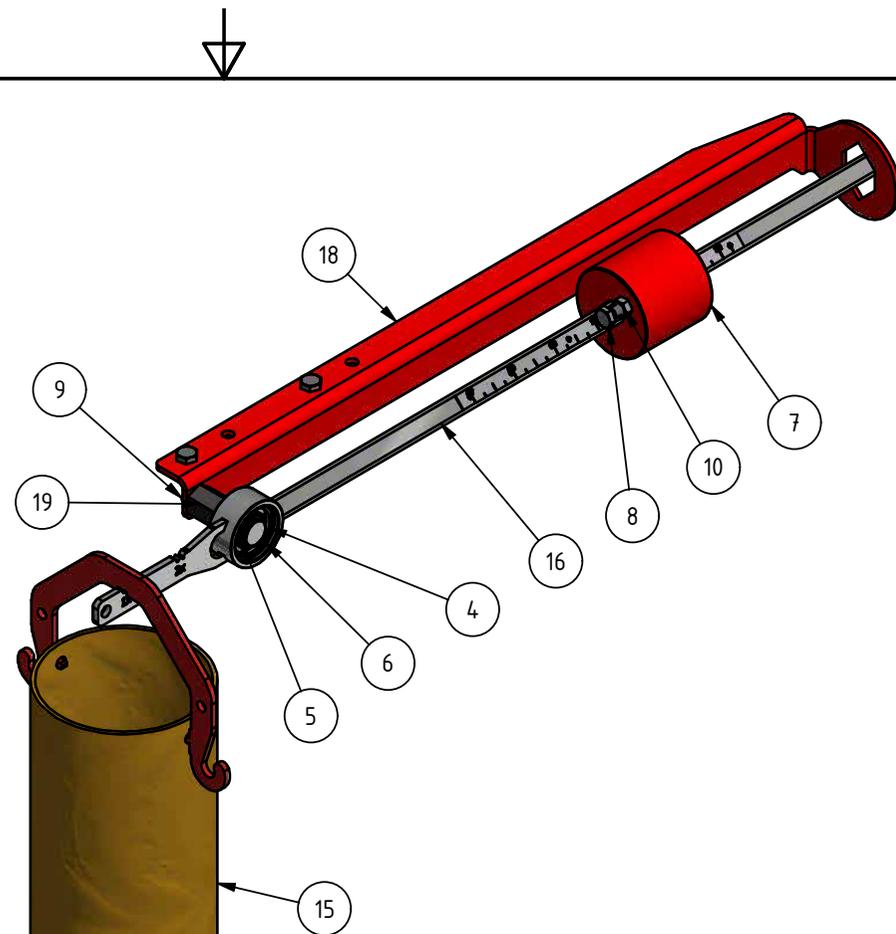


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	301002795	Platform F4
2	1	301003761	Fold up Ladder Assembly Complete
2.1	1	1010005158	Upper ladder section
2.2	1	1010005246	Lower ladder section
2.3	2	1010005242	Hinge flat steel
2.4	2	1010005273	Ladder swivel bush
2.5	1	301000057	Fold up catch
2.6	4	10 x 35	Spring-Type Straight Pin



Rear Access Ladder

1010011923



PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
4	1	6205-2RS1	Deep groove ball bearings
5	1	25 x 1,2	Spring Locking Ring
6	1	52 x 2	Spring locking ring
7	1	1010009963	Weight Block
8	1	M10 x 40	Hex screw
9	1	M10 x 20	Hex Screw
10	1	M10	Lock Nut
15	1	301000432	Weight Bucket
16	1	1010009964	Bar with scale
18	1	1010009965	Weight suspension angle
19	1	1010009966	Weight bearing shaft
20	2	DIN 933 - M10 x 25	Hex-Head Bolt
21	2	DIN 934 - M10	Hex Nut



Density Measurement Kit



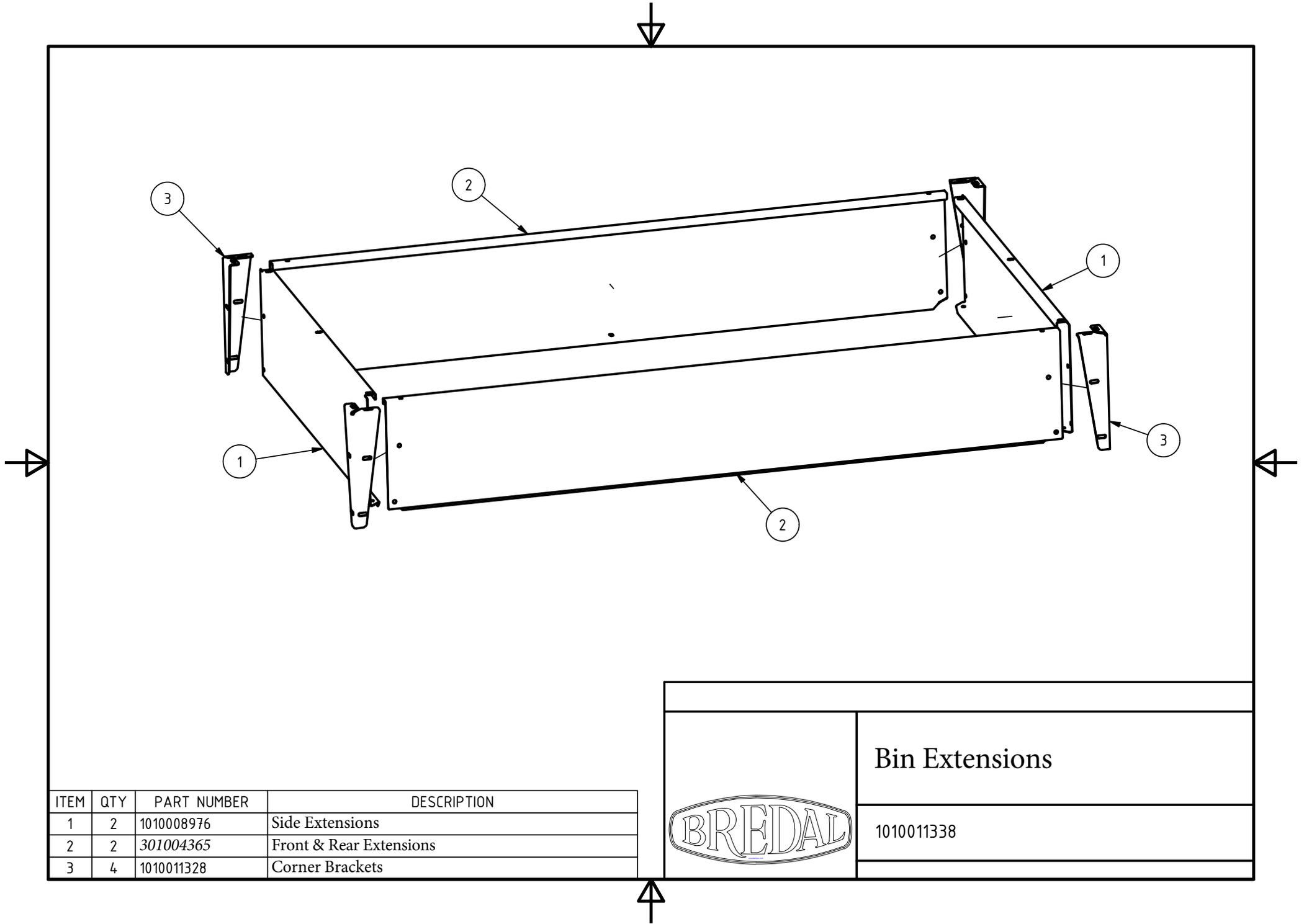
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	N/A	Granule Strength Tester
2	2	N/A	Particle Size Sieve
3	1	N/A	7 x Tray Test Kit
5			
6			
7			
8			
9			
1			
1			
1			
1			

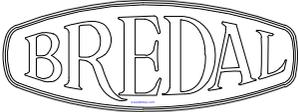


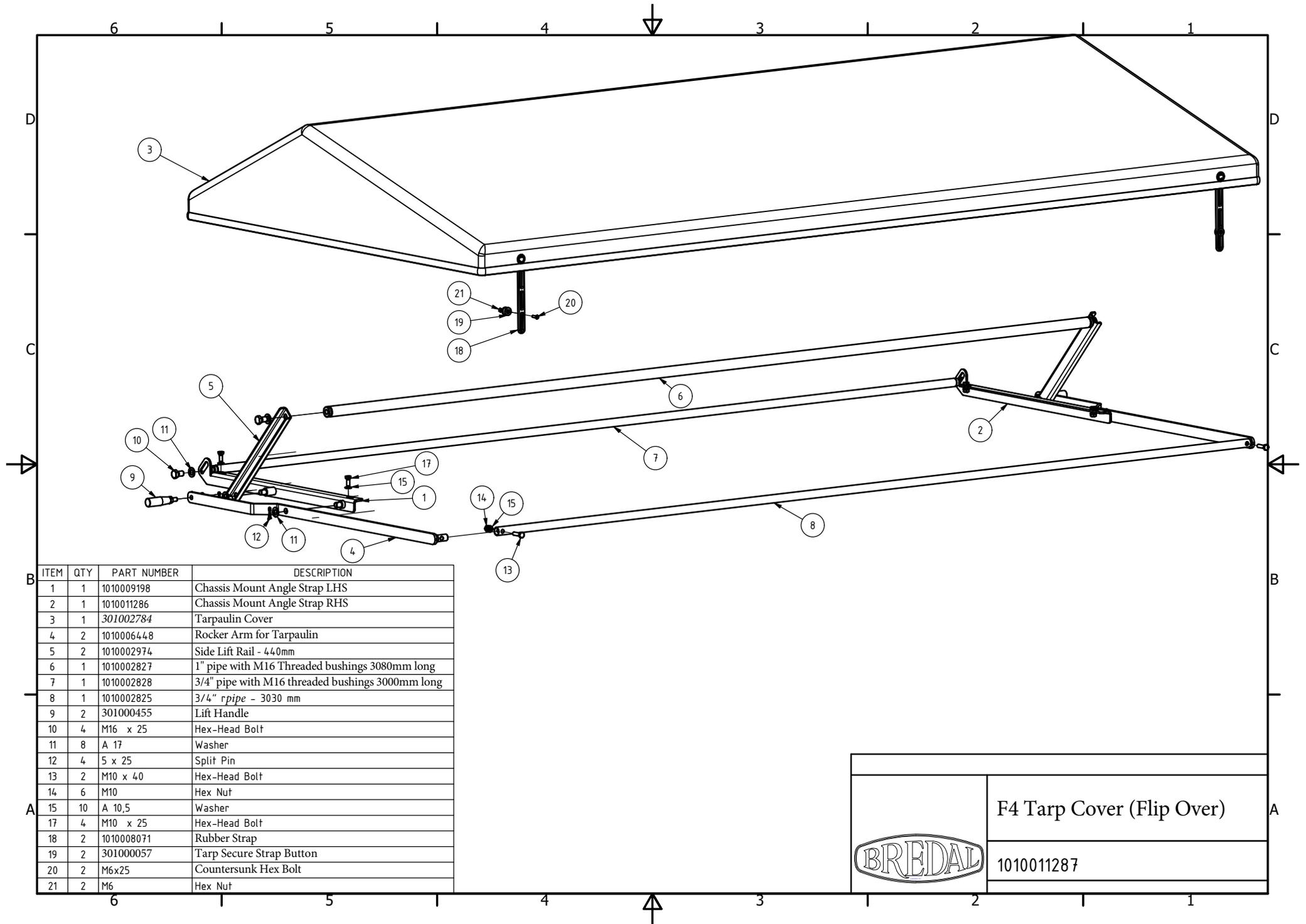
Yarra Test Kit

301000491 (Complete Kit)



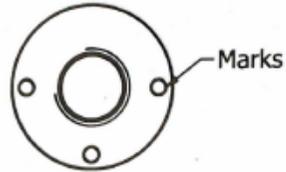
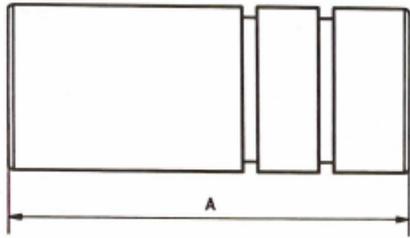
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1010008976	Side Extensions
2	2	301004365	Front & Rear Extensions
3	4	1010011328	Corner Brackets

	
Bin Extensions	
1010011338	



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1010009198	Chassis Mount Angle Strap LHS
2	1	1010011286	Chassis Mount Angle Strap RHS
3	1	301002784	Tarpaulin Cover
4	2	1010006448	Rocker Arm for Tarpaulin
5	2	1010002974	Side Lift Rail - 440mm
6	1	1010002827	1" pipe with M16 Threaded bushings 3080mm long
7	1	1010002828	3/4" pipe with M16 threaded bushings 3000mm long
8	1	1010002825	3/4" r pipe - 3030 mm
9	2	301000455	Lift Handle
10	4	M16 x 25	Hex-Head Bolt
11	8	A 17	Washer
12	4	5 x 25	Split Pin
13	2	M10 x 40	Hex-Head Bolt
14	6	M10	Hex Nut
15	10	A 10,5	Washer
17	4	M10 x 25	Hex-Head Bolt
18	2	1010008071	Rubber Strap
19	2	301000057	Tarp Secure Strap Button
20	2	M6x25	Countersunk Hex Bolt
21	2	M6	Hex Nut

	F4 Tarp Cover (Flip Over)
	1010011287



**Photo of a 3 Mark Sensor**



- 0 Mark Sensor = ADR Axle + Old K45 / K65 Versions.
- \*1 Mark Sensor = Spinners, Headland gear, Wheel with centering outside hub
- \*2 Mark Sensor = Top mounted discs, Floor belt gearbox w/o valve (Z=12 or Z=18), built in wheel hub
- \*3 Mark Sensor = Floor belt gearbox with Valvem (Z = 40)
- 8mm w/o PVC Sensor = TX, A2, B2, some old K Series
- 4mm w/o PVC Sensor = Top mounted discs (old versions)
- \*NOTE: 1, 2 & 3 Mark sensors are used on current Bredal spreaders.

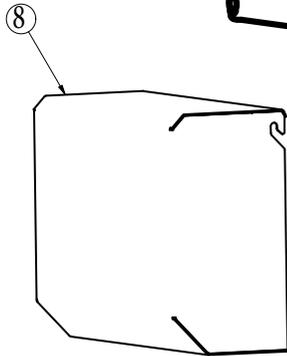
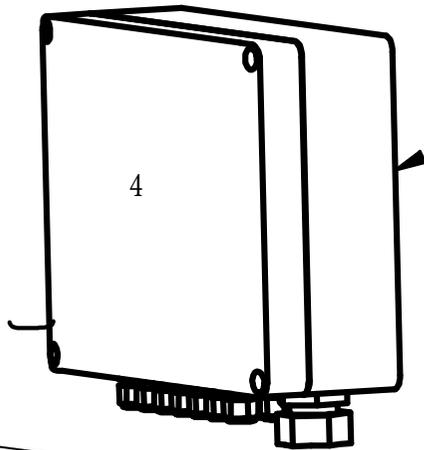
**PARTS LIST**

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	301001272	0 Marks. 4mm Distance. A = 94mm.
2	2	301001201	1 Mark. 8mm Distance. A = 78mm
3	1	301001240	2 Marks. 4mm Distance. A = 78mm
5	1	301001258	3 Marks. 1mm Distance. A = 50mm
6	1	301001222	W/O PVC Casing. 8mm Distance
7	1	301001257	W/O PVC Casing. 4mm Distance.
8			
9			Sensing Distance - TAKE NOTE!!!
1			
1			
1			
1			

**IMPORTANT: Ask you client to identify the marks on the sensor to match the correct sensor for replacement.**



**Speed Sensors**



PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
4	1	301001264	ISO-BUS (TeeJet) IC38
5	1	301003071	Muller ISO-BUS Terminal
6	1	301003309	IC38 Harness
7	1	301001269	Muller Cab Harness
8	1	1010004184	ISO-BUS Shield Cover
9			
		301003472	Section Control Unlock
		301003473	GPS Antenna

**NOTE: SECTION CONTROL**

To use the Muller Terminal for Section control , you must order:  
 301003472 (Unlock)  
 301003473 (GPS Antenna)



ISO-BUS System



SIMPLE  
PRECISE  
RELIABLE

For more than 50 years Bredal has been specialising in production of high-quality lime and fertiliser spreaders for agricultural purposes. The companies goal is to build reliable machinery, precise in exploitation, simple in operation and maintenance. In recent years, the Bredal product range has been expanded to include winter equipment in the form of sand and salt spreaders.

Bredal is located in Vejle, Denmark, where it has state of the art production facilities with latest equipment used for producing the high-quality spreaders.

Bredal Australia is the sole importer into Australia, located in Gunnedah NSW. Bredal Australia has staff presence in Western Australia and through out the Eastern States including Tasmania and South Australia for Sales, spare parts and service backup support.

Visit [www.bredalaustralia.com](http://www.bredalaustralia.com) to find your nearest Bredal dealer.