
BELARUS

1222/1222B

1523/1523B

1523-0000010 KDS

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2009

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Group 10. Diesel mechanisms.

Subgroups 1001, 1002. Suspension and cylinders block.

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
1		260-1002010	1	Cylinders block (consists of parts 4; 7; 12; 13; 18; 19)	
		260-1002070	1	Cover of distribution(consists of parts 8; 10; 11; 26;37)	
		260-1002150	1	Seal cover(consists of parts 17; 20; 27)	
		260-1009020	1	Oil gauge (consists of parts 29; 49)	
		240-1002115	1	Neck (consists of parts A19.01.100; 41;53)	
		A19.01.100	1	Cover (consists of parts 50; 52)	
	1	260-1001021	1	Left bracket	
	2	260-1001022	1	Right bracket	
	3	260-1001025	6	Bolt	
	4	260-1002015	1	Cylinders block	
	5	260-1002030	1	Distributor plate	
	6	260-1002033	1	Plate gasket	
	7	260 -1002052	6	Bearing cover	
	8	260 - 1002055	1	Collar 65x90-10	
	9	260-1002064	1	Cover gasket	
	10	260 -1002065	1	Cover of distribution	
	11	260 -1002066	1	Oil thrower	
	12	260 - 1002069	1	Front bushing	
	13	260-1002072	1	Bearing cover	
	14	260-1002079	1	Cover	
	15	260.5 -1002080 - 01	1	Flange	
	16	260-1002083-A	1	Gasket	
	17	260-1002141	1	Seal cover	
	18	260-1002159	14	Bearing bolt	
	19	260-1002161	14	Washer	
	20	260-1002305	1	Collar 110x135 -12	
	21	260-1002313	1	Back plate	
	22	260-1002314	1	Plate gasket	
	23	260-1002315	1	Cover gasket	
	24	260-1002316	1	Cover	
	25	260-1002317	1	Blind plug	
	26	260-1002318	1	Adjusting pin	
	27	260 - 1002324	2	Insert	
	29	260-1009050	1	Oil gauge rod	
	30	260-1111206	1	Cover	
	31	260-1111207	1	Gasket	
	32	245-1002021-A3	6	Cylinders block liner	
	33	245-1002022-A	12	Liner ring	

Group10. Diesel mechanisms.**Subgroups 1004,1005. Pistons and connecting rods. Crankshaft and flywheel.**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note	
4		260-1004010	6	Piston with connecting rods (consists of parts 260-1004100 (-E); 1;26;31;48-50)		
		260-1004100 (-E)	6	Connecting rod (consists of parts 2-6; 27)		
		260-1004026	12	Connecting rod bolt with nut (consists of parts 4;5)		
		260-1004060	6	Set of piston rings (consists of parts 48-50)		
		260-1005015	1	Crankshaft (consists of parts 260-1005014; 8; 12; 32; 33; 35-38)		
		260-1005014	1	Crankshaft (consists of parts 7; 28-30)		
		260-1005114	1	Flywheel (consists of parts 16; 34)		
		A23.01-78-260	1	Set of connecting rod shells (consists of parts Pos. 42-12 unit.)		
		A23.01-91-260	1	Set of crankshaft bearing liners (consists of parts 43-47)		
		1	A260-1004021-Ж*	6	Piston	
			260-10040021-Ж**	6	Piston	
		2	260-1004112	6	Connecting rod	
		3	260-1004125	6	Connecting rod cover	
		4	260-1004182	12	Connecting rod bolt	
		5	260-1004188	12	Nut of connecting rod bolt	
		6	260-1004160	12	Washer	
		7	260-1005020	1	Crankshaft	
		8	260-1005030	1	Crankshaft gear	
		9	260-1005033	1	Drive gear	
		10	260-1005042	1	Oil thrower	
		11	260-1005043	1	Disk spring	
		12	260-1005044	1	Oil thrower	
		13	260-1005046	1	Nut	
		14	260-1005054	1	Crankshaft bolt	
		15	260-1005055	1	Washer	
		16	260-1005120	1	Flywheel	
		17	260-10051141	1	Pulley hub	
	18	260-1005142-A	1	Pulley		
	20	260-1005400 or 260-1005405	1	Silicon damper		
	21	245-1005122	6	Pin		
	22	245-1005127	9	Flywheel mounting bolt		
	24	245-1005128	9	Washer		
	26	240-1004022	12	Lock ring of piston pin		
	27	240-10041115-A	6	Bushing of connecting rod upper head		

Group 10. Diesel mechanisms.
Subgroup 3407. Gear pump drive

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
8	1	260 - 3407061	1	Drive gear	
	3	260 - 3407069	1	Housing	
	4	260 - 3407075	1	Gasket	
	5	240 -1022062	1	Gasket	
	6	240- 1307064-01	1	Lock ring	
	7	205K	2	Ball bearing	
	8	B 25	1	Ring	
	9	HIII14-3JI or HIII 16-3 JI	1	Gear pump	
	11	M8-6gx 35. 88.35.019	2	Bolt	
	12	M8-6gx 75. 88.35.019	2	Bolt	
	14	M10-6gx40. 88.35.019	1	Bolt	
	15	M10-6gx 65. 88.35.019	1	Bolt	
	18	8.65Г.06	4	Washer	
	19	10.6506	1	Washer	
	20	10.01.08 кп.019	1	Washer	

Group 11. Fuel system.**Subgroups 1104, 1111. Fuel pipelines and fuel equipment installation.**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
12	40	455.1112010-50or 172.1112010-11.01	6	Fuel injector	
	41	Д18-051-A	7	Banjo bolt	
	42	Д18-055-A	16	Seal ring	
	43	M8-6gx20.88.35.016	4	Bolt	
	44	M8-6gx30.88.35.016	3	Bolt	
	45	M10-6gx25.88.35.016	3	Bolt	
	46	M10-6gx35.88.35.016	12	Bolt	
	47	M10-6gx40.88.35.016	2	Bolt	
	48	M10-6gx120.88.35.016	2	Bolt	
	49	M12-6gx25.88.35.016	2	Bolt	
	50	M6-6H.6.016	13	Nut	
	51	M10-6H.12.40X.016	3	Nut	
	52	M10-6H.6.016	4	Nut	
	53	6.65Г.016	14	Washer	
	54	8.65Г.016	4	Washer	
	55	10.65Г.016	8	Washer	
	56	12.65Г.016	2	Washer	
	57	10.01.08кп.016	2	Washer	

* - for diesel D-260.1S2-59

** - for diesels D-260.2S2-60 and D-260.2S2-103

Group12. Gas exhaust
Subgroup 1205. Muffler

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
17		800-1205130	1	Clamp (consists of parts 2,3,4,5)	
	1	800-1205015-A	1	Muffler	
	2	800-1205131	1	Clip	
	3	800-1205132	1	Clamp	
	4	10.01.08 кп.016	2	Washer	
	5	M10	2	Nut	

Group 13. Cooling system.**Subgroups 1307, 1310. Water pump and drag bar**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
21	36	5X6,5	1	Key	
	37	M6 -6g x 12.88.35.016	3	Bolt	
	38	M6-6g x 20 88.35.016	6	Bolt	
	39	M8-6g x 20. 88.35.016	3	Bolt	
	40	M8-6g x 25. 88.35.016	2	Bolt	
	41	M12-6g x 65. 88.35.016	2	Bolt	
	42	M12-6g x 70. 88.35.016	1	Bolt	Not shown on the figure
	43	M8 - 6H.6	1	Nut	
	44	6.65Г016	9	Washer	
	45	8.65Г016	5	Washer	
	46	8.01.08кп.016	1	Washer	
	47	12.65Г.016	3	Washer	

Group 14. Lubrication system.

Subgroups 1010, 1011. Oil pump and oil pump receiver.

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
25	26	M12-6gx 60. 88.35.016	2	Bolt	
	27	M8 - 6H.6.016	2	Nut	
	28	5.01.08кп.019	3 max	Washer	
	29	8.65Г.06	4	Washer	
	30	8Т.65Г.06	6	Washer	
	31	8.01.08кп.016	2	Washer	

Group 16. Clutch.
Subgroup 1601. Clutch.

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
30		1520-1601085	1	Middle disk (6, 36-40)	
		85-1601090-B	1	Coupling disk (8-35)	
		1522-1601120	1	Clutch back plate (16, 30-35)	
		1522-1601125	1	Clutch back plate (16, 30, 31)	
	1	142-1601316	3	Slide block	
	2	70-1601074	6	Bushing	
	3	180205K1C17	1	Bearing	
	4	70-1601138-01	4	Friction liner (part of assembly. pos. 7)	
	5	2-4x8-32	48	Rivet (part of assembly. pos. 7)	
	6	1520-1601092	1	Middle disk	
	7	85-1601130-01	2	Assembled driven disk (incl. pos. 4, 5)	
	8	85-1601093-B	1	Pressure disk	
	9	1520-1601123	3	Rest	
	10	85-1601108	12	Washer	
	11	3,2x18	12	Cotter pin	
	12	85-1601096	6	Pin	
	13	85-1601094	3	Release lever	
	14	85-1601097	3	Fork	
	15	85-1601083	3	Spring	
	16	85-1601122-B	1	Clutch back plate	
	17	ШП48	6	Washer	
	18	M8x16	6	Bolt	
	19	ШПП8	6	Washer	
	20	85-1601086	3	Lock washer	
	21	85-1601109-A	3	Adjusting nut	
	22	ШПП12	9	Washer	
	23	M12x1,25	9	Nut	
	24	85-1601072-B	9	Sleeve	
	25	85-1601115	9	Spring	
	26	85-1601118-B	9	Insulating washer	
	27	85-1601124	9	Plate	
	28	85-1601121	6	Washer	
	29	85-1601126	6	Bolt	
	30	8x22	9	Rivet	
	31	1522-1601051	1	Hub	
	32	70-1601091	12	Damper	
	33	1522-1601062	2	Washer	
	34	6x30	6	Rivet	
	35	70-1601053	1	Bushing	
	36	142-1601306	3	Release lever axle	
	37	142-1601088	3	Bushing	
	38	142-1601087-B	3	Release lever	
	39	142-1601314-B	3	Spring	
	40	142-1601089	3	Lock washer	

Group 16. Clutch**Subgroup 1602. Clutch control (1523/1523.3/1222/1222.3)**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
33	44	16 OT	3	Washer	
	45	1221B-1602112	1	Rod	
	46	M12x1,25	1	Nut	
	47	50-3502203	1	Fork	
	48	1522-1601219	1	Lever	
	49	M12x35	1	Bolt	
	50	1522-1602034	1	Bushing	
	51	40-4607038-A	3	Washer	
	52	C80-4607380	1	Pipe	
	53	40-4607051	1	Bolt	
	54	XC-21	2	Clamp	
	55	1522-1602711	1	Sleeve	
	56	50-1605152	2	Spring	
	57	C8	2	Washer	
	58	1221-3407130	1	Oil pipeline	
	59	1221-3407140-01	1	Valve	
	60	40-4607033-A	2	Washer	

Group 16. Clutch
Subgroup 1602. Hydraulic booster

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
37		80-1602510-01	1	Hydraulic booster	
	1	142-1602543	2	Cover	
	2	020-025-30-1-4	4	Ring	
	3	80-1602512	2	Cover	
	4	040-044-25-1-2	2	Ring	
	5	80B-1602046	1	Spring	
	6	80-1602513	1	Piston	
	7	6,350-100	1	Ball	
	8	M8x25	4	Bolt	
	9	8T	8	Washer	
	10	M8x40	4	Bolt	
	11	C18	1	Ring	
	12	80-1602514	1	Ring	
	13	80-1602521	1	Tappet	
	14	80-3405044	1	Spring	
	15	C5	1	Washer	
	16	C16	1	Ring	
	17	80-1602511	1	Housing	

Group 17. Gearbox**Subgroup 1701. Gearbox 1222-1700010**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
41	35	1221-1802089-A	1	Clip	
	36	1221-1802093	1	Shield	
	37	1221-1802094	2	Stud	
	38	1221-1802094-01	1	Stud	
	39	ШЧ10	6	Washer	
	40	M10	3	Nut	
	41	КГ 1/8".A12.019	1	Plug	
	42	10,0-60	1	Ball	
	43	1221-1802016	1	Cover	

* For BELARUS - 1523/1523B/1523.3/1523B.3

** For BELARUS - 1222/1222B/1222.3/1222B.3

Group 17**Subgroup 1701. Shaft of low gears and reverse**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
44		75-1701320	1	Shaft (40-1unit.,53,55-58)	
		80-1701310	1	Sleeve (3-1unit., 49,50)	
		1222-1702130-01	1	Oil pipeline (7,7a,8)	
	1	80-1701420	1	Pipe	
	2	80-1701430	1	Pipe	
	3	80-1701549	3	Union	
	4	80-1701057	1	Union	
	5	Д18-055-A	6	Seal ring	
	6	Д18-051	2	Bolt	
	7	TORRO 12-20/9-C6W	2	Clamp "Norma"	
	7a	Φ80-3407720	2	Oil pipeline	
	8	1222-1702131-01	1	Sleeve	L = 440 mm
	9	M8x20	2	Bolt	
	10	ШП8	2	Washer	
	11	C25	1	Ring	
	12	85-1702041	1	Rocker arm	
	13	85-1702042	1	Axle	
	14	85-1702043	1	Plate	
	15	ШП10	1	Washer	
	16	M10x20	1	Bolt	
	17	026-030-25-2-2	1	Ring	
	18	85-1702050	1	Shifter arm	
	19	85-1702051	1	Washer	
	20	M12x25	1	Bolt	
	21	85-1702045	1	Shifter arm	
	22	80-1702108	2	Bolt	
	23	1,6-O-C	1	Wire	L = (2x200) mm
	24	85-1702046	1	Pin	
	25	10,0-60	3	Ball	
	26	80-1704039	1	Guide	
	27	50-1702148-A	1	Lock spring	
	28	50-1702048	10	Shim	Matching, maximum quantity
	29	12-23-668-A	2	Spring	
	30	85-1702305	1	Pin	
	31	12,7-60	1	Ball	
	32	85-1702301	1	Axle	
33	1522-1702035	1	Shifter arm		
34	1222-1702027	1	Fork		
35	1522-1702306	1	Pin		
36	BK 12-51	1	Switch		

Group 17**Subgroup 1702. Gearbox control mechanism**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
47		1222-1702010-01	1	Gearbox control mechanism	
		1222-1702080	1	Yoke body (18-1 unit., 53-1 unit., 64 (2x200+200*=600 mm), 70-83)	
	1	6x10	4	Key	
	2	ШЧ16	1	Washer	(Ø17,5xØ30x3) mm
	3	1222-1702093	1	Lever	
	4	ШП16	1	Washer	
	5	1222-1702096	1	Axle	
	6	3,2x25	1	Cotter pin	
	7	2102-4216110-Б	1	Cylinder	
	8	1222-1702130	2	Oil pipeline	L = 418 mm
	8a	1222-1702130-01	1	Oil pipeline	L = 498 mm
	9	Д18-055-А	10	Seal ring	
	10	1222-1702114	2	Union	
	11	009-012-19-1-4	2	Ring	
	12	ДСДМ-М	2	Sensor	
	13	3,2x18	5	Cotter pin	
	14	85-4619014	3	Washer	(Ø13xØ24x1,5) mm
	15	1222-1702092	1	Lever	
	16	12x32	3	Pin	
	17	M12x35	1	Bolt	
	18	ШП12	8	Washer	
	19	2.2-25x42-1	1	Collar	
	20	Д18-051	3	Bolt	
	21	RH 06101-012/00GA-AMP	1	Hydraulic distributor	
	22	ШП5	4	Washer	
	23	В.М5x50	4	Screw	
	24	80-1702068	1	Gasket	
	25	80-1702067	1	Cover	
	26	ШП6	11	Washer	
	27	M6x16	7	Bolt	
	28	80C-1702073	2	Lever	
	29	80C-1702074	2	Fork	
	30	77.37.117	2	Spring	
	31	142-1702032	2	Sphere	
	32	12x55	2	Pin	
	33	1222-1702070	1	Shaft	
	34	80C-1702060	1	Shaft	
	35	80-1702078-А	1	Housing	
	36	M6x20	4	Bolt	
	37	55-47-569-А	2	Cover	

Group 17**Subgroup HMIII-25. Oil gear pump**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
50		HMIII 25	1	Gear pump (1-11)	
		HMIII 25-01-00	1	Lower cover (4,5)	
		HMIII 25-02-00	1	Upper cover (1,4)	
		HMIII 50-03-00	1	Driven gear (7,8)	
	1	HMIII 25-02-01	1	Upper cover	
	2	HMIII25-00-01	1	Housing	
	3	HMIII 25-00-02	1	Driving gear	
	4	HMIII 25-01-02	2	Screw-in bush	
	5	HMIII 25-01-01	1	Lower cover	
	6	HMIII 25-04-01	1	Axle	
	7	HMIII 50-03-01	1	Driven gear	
	8	HMIII 50-03-02	1	Bushing	
	9	HMIII 10x45	2	Pin	
	10	III10	4	Washer	
	11	M10x45	4	Bolt	

Group 22. Cardan drive
Subgroup 2203. Cardan drive

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
54.1		112-2203010	1	Cardan shaft (1,3-10)	
		72-2203025PH	1	Cross with bearings(3,4,6,7)	
	1	72-2203023	1	Flange	
	2	52-2203012	4	Bolt	
	3	72-2203030-01	2	Cross	
	4	3102-2201037	8	Buffle plate	
	5	72-2203043	8	Ring Lock	
	6	69-2201031-A	8	Collar	
	7	704702K3C10	8	Bearing	
	8	72-2203022	2	Fork	
	9	112-2203018	1	Pipe	
	10	86-2203047	1	Slide fork	
11	20-2201024	1	Gasket		
12	M10x1-8 DIN EN ISO 10511	4	Nut		

Group 23**Subgroup 2303. Differential**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
55.3		52-2303010-Б-01	1	Differential (1-14)	
		52-2303030	2	Gear (5-7)	
	1	52-2303014-Б	1	Box	
	2	52-2303015-Б	1	Box	
	3	52-2303018	4	Satellite gear	
	4	52-2303019	2	Axle	
	5	52-2303017	2	Gear	
	6	52-2303034	2	Gasket	
	7	35-10	2	Blind plug	
	8	52-2303021	2	Cup	
	9	52-2303023-A1-01	2	Disk	
	10	52-2303024-01	2	Disk	
	11	52-2303023-A1	2	Disk	
	12	52-2303032	4	Plate	
13	52-2303013	8	Nut		
14	52-2303026-Б	8	Bolt		

Group 24. Rear axle
Subgroup 2401,2407. Rear axle housing. Final drive

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
57	24	1522-2401024	1	Cover	
	25	ШП16	28	Washer	
	26	M16x80	4	Bolt	
	27	ШП14	41	Washer	
	28	1221-2407505	41	Bolt	
	29	ШП20	4	Washer	
	30	1522-2401026	1	Cover	
	31	ШП8	8	Washer	
	32	M8x20	8	Bolt	
	33	1522-2401015	1	Housing	
	34	Д01-015	2	Pin	
	35	1221-2407082	2	Half-axle	
	36	1522-2407018-01	1	Right half-axle sleeve	
	38	70-1701300	1	Magnetic plug	
	39	1221-2407541	2	Shaft	
	40	1221-2407542	2	Bushing	
	41	5336-2405028-A	2	Driving gear	
	42	2C55	2	Ring	
	43	1221-2407507	2	Washer	
	44	1221-2407537	2	Washer	
	45	1221-2407506	2-10	Gasket 0,5 mm	
	46	1221-2407506-01	2-10	Gasket 0,2 mm	
	47	1221-2407536-B	2	Carrier	
	48	1221-2407504	8	Plate	
	49	5336-2405050-A	2	Driven gear	
	50	1221-2407508-01	4	Pin	
	51	1221-2407552	2	Gasket	
	52	1522-2407018	1	Left half-axle sleeve	
	53	КГ 1/5"	2	Plug	
	54	M16x60	24	Bolt	
	55	142-2407091	2	Ring	
	56	7218A	2	Bearing	

Group 24**Subgroup 2401. Commutation mechanism of power take-off shaft (independent/synchronous)**

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
60	1	100X-2401020-01	1	Shaft with drive piece	
	2	020-025-30-1-4	2	Ring	
	3	ШП8	1	Washer	
	4	M8x20	1	Bolt	
	5	100X-2401024	1	Lever	
	6	1522-4216081	1	Rod	
	7	ШЧ8	1	Washer	
	8	3.2x18	1	Cotter pin	
	9	100X-1602120	1	Axle flange	
	10	M10x20	1	Bolt	
	11	ШП10	1	Washer	
	12	M8	1	Nut	
	13	50-1310136-A	1	Handle	

Group 28. Frame
Subgroup 2800. Semi-frame

Fig. No	Pos. No	Indication	Q-ty	Designation	Note
64	1	40-3001022	2	Bushing	
	2	1520-2801016	1	Front bar	
	3	1523-2801030	1	Right side member	
	4	70-2800016	4	Bolt	
	5	IIII16	6	Washer	
	6	M16x60	4	Bolt	
	7	M16	2	Nut	
	8	M16x70	2	Bolt	
	9	1523-2801020	1	Left side member	
	10	50-3913214	2	Clip	
	11	80-3919106	2	Bracket	
	13	Ml 6x50	4	Bolt	
	14	50-2800011	4	Bushing	

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Group 34. Steering control.
Subgroup 3401. Steering column.

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
69	1	600-3401012	1	Washer	
	2	70-3401077-Б	2	Shock absorber	
	3	822-3401080	1	Pipe	
	4	5x10	1	Key	
	5	70-3401055	1	Shaft	
	6	70-3401054-Б	1	Shaft end extension	
	7	ШЦК 8x36	1	Pin	
	8	70-3401076	2	Bushing	
	9	80-3709022	1	Hammer stone	
	10	70-3401078	1	Nut	
	11	70-3401079	1	Lock nut	
	12	80-3401082	1	Cover	
	13	80-3401140	1	Clamp	
	14		1	Nut M16x1,5 ГОСТ 5915-70	
	15	50-3401091	1	Washer	
	16	80-3402015	1	Steering wheel	
	17	80-3709025*	1	Inner bushing	
	18	80-3709026-Б*	1	Middle bushing	
	19	50-4608057*	1	Spring	
	20	85-3401175**	1	Shaft	
	21	822-3401140-A1	1	Clamp	
	22	ШЦ 16	1	Washer	
	23	70-3402015-A	1	Steering wheel	

* Don't install for reverser

** For reverser 70-3401074-Б

Group 34**Subgroup 3407. Hydrostatic power steering (reverser)**

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
73	1	1522B-3407100	1	High pressure hose	
	2	1522B-3407100-01	1	High pressure hose	
	3	70-1405089	5	Union	
	4	017-021-25-1-4	5	Ring	
	5	Φ80-3407157	4	Washer	
	6	1522B-3407100-05	2	High pressure hose	
	7	530-4614029	3	Elbow	
	8	025-029-25-2-2	2	Ring	
	9	1522-3407016	2	Union	
	10	85-3407105	2	Bolt	
	11	1522B-3407100-04	2	High pressure hose	
	12	C80-4607204	4	Union	
	13	024-028-25-2-2	4	Ring	
	14	680-4607140-06	2	High pressure hose	
	15	70-3723045-01	1	Collar	
	16	1522-3407050-Б	2	Oil pipe	
	17	M6x16		Bolt	
	18	ШП 6	4	Washer	
	19	1522B-3407100-02	1	High pressure hose	
	20	1221B-3407150	1	Cock	
	21	1522B-3407020	1	Oil pipe	
	22	40-4607032	2	Bolt	
	23	40-4607038-A	4	Washer	
	24	M8x40	1	Bolt	
	25	70-3407146	1	Strip	
	26	70-4607158	2	Gasket	
	27	80B-3407012	1	Bracket	
	28	1522B-3407018	1	Bracket	
	29	ШП8	1	Washer	
	30	M8	1	Nut	

Group 35**Subgroup 3503. Working cylinder.**

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
77		1522-3503550-A	1	Working cylinder	
	1	1523-1602566	1	Support	
	2	M10	1	Nut	
	3	1222B-1602561	1	Cover	
	4	027-031-25-2-6	1	Ring	
	5	C13	1	Ring	
	6	12218-1602517-1	1	Space bushing	
	7	N14-102 (14x28x10)	1	Collar	
	8	1221B-1602556	1	Piston	
	9	1221B-3503551	1	Fork	
	10	80-1602116	1	Rod eye	
	11	M12x1,25	1	Nut	
	12	142-1602569	1	Hood	
	13	1221B-1602551	1	Housing	
	14	822-3503037	1	Treaded angle bar	
	15	142-1602371	1	Valve	
	16	142-1602377	1	Cap	
	17	80B-3503557	1	Rod	

Group 35**Subgroup 3503. Brakes control (variant with "wet" brakes)**

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
81		1523B-3503700	1	Brakes control	
	1	923-3503200	1	Flexible hose of brakes type IV	
	2		7	Bolt M8-6gx25.88.35.019 ГОСТ 7796-70	
	3	2822-1602100-03	2	Cock	
	4		5	Washer C 8.01.08кп.019 ГОСТ 6958-78	
	5	1522-3503070	1	Pipe	
	6		6	Nut M8-6H.6.019 ГОСТ 5915-70	
	7		11	Washer 8T OCT 37.001.115-75	
	8	1522-3503080	1	Pipe	
	9		7	Bolt M8-6gx35.88.35.019 ГОСТ 7796-70	
	10	822-3503084	2	Union	
	11	Д18-055-A	4	Sealing ring	
	12		2	Cylinder "Meritor" A73067386	
	13		2	Bolt M10-6gx30.88.35.019 ГОСТ 7796-70	
	14	822-3503090	1	Tank	
	15	822-3503100	1	Pipe	
	16	822-3503083	2	Union	
	17	36-1104788	2	Gasket	
	18		4	Nut M1 0-6H.6.019 ГОСТ 5915-70	
	19	822-3502203	2	Fork	
	20	923-3503720	1	Bracket	
	21	70-4616033 зам	2	Spring	
	22	923-3503730	1	Right pedal	
	23	50-3503071	3	Washer	
	24		3	Cotter pin 5x36.019 ГОСТ 397-79	
	25		5	Cotter pin 3,2x18.019 ГОСТ 397-79	
	26		5	Pin 12x32 OCT 37.001.163-75	
	27	923-3503740	1	Left pedal	
	28		11	Washer 10 OT OCT 37.001.115-75	
	29		3	Bolt M10-6gx25.88.35.019 ГОСТ 7796-70	
	30	1523M-3503045	1	Lever	
	31	822-1602550-Б	2	Working cylinder	
	32	50-1310158-Б	2	Spring	
	33	1523M-3503040-Б	1	Right bracket	
	34		4	Bolt M10-6gx40.88.35.019 ГОСТ 7796-70	
	35	1523M-3503030-Б	1	Left bracket	
	36	70-3503019	2	Bolt	
	37	70-3503018	2	Washer	
	38	1523M-3503025	1	Lever	
39		2	Nut M12x1,25-6H.04.019 ГОСТ 5916-70		

Group 35. Brakes

Subgroup 3506. Pipelines and air-powered drive fittings of trailer brakes.

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
84		1522-3506010	1	Pipeline (13,14,19)	
		1522-3506020	1	Pipeline (6-8,18,30)	
		1522-3506020-01	1	Pipeline (3,3a,6,7,8)	
		1522-3506030	1	Pipeline (9,12,13)	
		1522M-3506040	1	Pipeline (3,6,7,8)	
		1522M-3506050	1	Pipeline (3a,6,7,8)	
		1522-3506520	1	Pipeline (6,7,8,38)	
		1021-3506020-03	1	Pipeline (6,7,8,34).	
	1	1522-3521011	1	Bracket	
	2	1522-3521012	1	Union	
	3	1522-3506021-01	1	Pipe	
		1522M-3506041**	1	Pipe	
	3a	1522-3506021-01	1	Pipe	
		1522M-3506051**	1	Pipe	
	4	1522-3514033	3	Elbow	
	5	012-015-19-2-4	6/8	Ring	
	6	1522-3506022	6/8	Nipple	
	7	1522-3506024	6/8	Coupling	
	8	1522-3506023	5/6	Nut	
	9	1522-3506031	1	Pipe	
	10	70-3506033	1	Elbow	
	11	014-017-19-2-4	1	Ring	
	12	70-3506028	1	Coupling	
	13	70-3506023	2	Cap nut	
	14	80-3506024	1	Coupling	
	15	70-3506022	1	Union	
	16	1522-3512012	1	Bracket	
	17	80-3512006	1	Lock nut	
18	1522-3506026	1	Cap nut		
19	1522-3506011	1	Pipe		
20	M8x30	2	Bolt		
21	III 8	3	Washer		
22	70-1405013	1	Hose		
23		2	Clamp "NORMA" TORRO 16-22/9-C6W		
24	70-3506027	1	Bushing		
25	Ml 6x32	1	Bolt		
26	III 16	1	Washer		
27	1221-3506034	1	Bracket		
28	70-6804011	1	Holder		

Group 35. Brakes
Subgroup 3514. Brake valve

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
87		80-3514010	1	Brake valve	
		80-3514010-01*	1	Brake valve	
		A 29.351.4010*	1	Brake valve	
		A 29.351.4010-01*	1	Brake valve	
		14.3514010*	1	Brake valve	
		80-3514020	1	Diaphragm (23-30)	
		80-3514060	1	Housing (1,3,17)	
		1522-3514120	1	Rod (38-42)	
		1522M-3514120**	1	Rod	
		1 80-3514061	1	Housing	
		2 6x18	1	Pin	
		3 80-3514063	1	Pin	
		4 2x12	1	Cotter pin	
		5 80-3514070	1	Rod	
		6 ШКЯМ 188.00.02	1	Gasket	
		7 ШП6	6	Washer	
		8 M6x20	6	Bolt	
		9 80-3514084	1	Cover	
		10 M8	1	Nut	
		11 80-3514017	1	Rod eye	
		12 80-3514016	1	Hood	
		13 80-3514019	1	Valve	
		14 80-3514018	1	Clamp	
		15 ШП5	2	Washer	
		16 BM5x12	2	Screw	
		17 80-3514062	1	Collar	
		18 80-3514087	1	Bushing	
		19 80-3514014	1	Spring	
	20 80-3514013	1	Spring plate		
	21 80-3514082	1	Rod		
	22 80-3514012	1	Spring		
	23 80-3514023	1	Screw		
	24 80-3514021	2	Washer		
	25 80-3514026	2	Valve		
	26 80-3514027	2	Washer		
	27 80-3514022	1	Pipe		
	28 80-3514024	1	Spring		

Group 37. Electrical equipment
Subgroup 3700. Electrical equipment

Fig. 91	I	3700	100	Electrical equipment of engine
	II	3700	101	Electrical equipment of transmission
	III	3700	102	Electrical equipment of cabin I
	IV	3700	103	Electrical equipment of cabin II

Group 37. Electrical equipment
Subgroup 3700. Electrical equipment of transmission

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
94.1	1	2022-3723011	2	Bracket	
94.2	2	822-3723001	2	Clamp	
	3	80-3723045-01	Max. q-ty -29	Collar	
	4	80-3843001-01	Max. q-ty -14	Gasket	U _{3M} =23,43
	5	1522-3843002	Max.q-ty-16	Gasket	U _{3M} =27,33
	6	85-1702051	2	Washer	U _{3M} =27,33
	7	Д18-055-A-01	1	Sealing ring	
	8	M8x25	4	Bolt	U _{3M} =23,43
	9	M8x30	2	Bolt	U _{3M} =23,43
	10	C10	6	Washer	U _{3M} =27,33
	11	C14	1	Washer	
	12	C20	1	Washer	
	13	1223-3724315	1	Harness	
	14	8T	6	Spring washer	
	15	3829.20	1	Air pressure sensor	
	16	3829.25	1	Emergency air pressure sensor	
	17	3829.30	1	Oil pressure sensor in GB	
	18	3843.15	3	Speed sensor	Speed and rpm sensor of rear PTO

Note U_{M3}- ratio of rear axle depending on following gear

Gear 1221-2407122 U_{M3}=23,43

Gear 1522-2407122 U_{M3}=27,33

Group 37. Electrical equipment
Subgroup 3701. Generator installation

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
98	1	265-3701076-01	1	Pin	
	2	260-1310001	1	Elbow	
	3	260-3701068	2	Special bolt	
	4	260-3701052	1	Axle	
	5	260-3701054	1	Pulley	
	6	260-3701056-Г	1	Bracket	
	7	260-3701057	1	Split bushing	
	8	260-3701060	1	Board	
	10	260-3701055-Д	1	Strip	
	11	245 - 3701069	2	Washer	
	13	11X10-1180	1	Belt	
	14	AAN5120	1	Generator	
	16	M10-6gx30. 88.35.019	2	Bolt	
	19	M10-6gx100.88.35.019	1	Bolt	
	20	M10-6H.6.019	3	Nut	
	21	M12 - 6H.6.019	1	Nut	
	23	10.65Г.06.	7	Washer	
	24	10.01.08кп.	1	Washer	
	25	12.65Г.06.	1	Washer	
	26	3.2X18.016	2	Cotter pin	

Group 39**Subgroup 3912. First aid kit**

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
102	1	70-3912153-A	1	Bracket	
	2	70-3912152	1	Housing	
	3	70-3912151	1	Cover	
	4	1522-6700068	1	Plate	
	5	ШП6	2	Washer	
	6	M16x20	2	Screw	

Group 42. Power take-off**Subgroup 4209. Front power take-off shaft**

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
105		1522-4209010	1	Front power take-off in assembly	
	1	1522-4209025	1	Reducer	
	2	1522-4209017	1	Flange	
	3	1522-4209015-01	1	Shaft	Beam 1520-2801016
	5		4	Washer 10 OT OCT 37.001.115-75	
	6	1522-4209018	1	Spacer	
	7		6	Screw M12-6gx50.68.019 FOCT 11738-84	
	8		6	Washer 12 OT OCT 37.001.115-75	
	9	52-2203012	8	Bolt	
	10		4	Bolt M16-6gx60.88.35.019 FOCT 7795-70	
	11		4	Washer 16 OT OCT 37.001.115-75	
	12		4	Nut M10x1-8DIN ENISO 10511-98	

Group 42.**Subgroup 4218. Control of rear PTO hydraulic drive**

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
107		1822-4218105	1	Change over switch (12-16),(19-21)	
	1	2022-4218030	2	Pipe	
	2	TORRO 12-20/9-C6W	7	Clamp "Norma"	
	3	85-3407470	5	Union	
	4	A29.66.000-B	1	Pneumatic coupling piece	
	6	M10	2	Nut	
	7	100T	2	Washer	
	9	1522-4216011	1	Bracket	
	10	M10x30	2	Bolt	
	11	6x18	1	Pin	
	12	1822-4218116	1	Shaft	
	13	50-1702148-A	1	Spring	
	14	A10x40	1	Pin	
	15	A8x30	1	Pin	
	16	1822-4218117	1	Base	
	19	1822-4218121	1	Handle	
	20	M8	1	Nut	
	21	1822-4218115	1	Handle	
	22	1,6x12	1	Cotter pin	
	23	80B-1108542-01	1	Adapter	
	24	M 6	2	Nut	
	25	23.588.1.1.2.00.01-02 or 772-L-IT-75-1250 or 100.M4322.01250	1	Cable L=1250	
	26	1523-4218122	1	Clamp	
	27	240-1111103	1	Bolt of turning elbow	
	28	1522-4218110-01	1	Rod	
	29	1221-2412026-05	1	Sleeve	
	30	Д18-055-A	3	Sealing ring	
	31	2022-4218026-02	1	Sleeve	
	32	M6x40	2	Bolt	
	33	6T	2	Washer	
	34	8x22	1	Pin	
	35	3,2x25	1	Cotter pin	
	36	85-4216115	1	Cock	
	37	M8x20	3	Bolt	

Group 46 Remote-cylinder hydraulic system
Subgroup 4605. Blocks and components of mounting unit

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note	
110		1522-4605120	2	Turnbuckle (18-20,35,34)		
		308202		Acquisition of top link (7-13)		
		1522-4605090	1	(2,5-17, 29-33)		
		1522-4605060	2	Top link (1-4)		
		204592		Acquisition of draft link (21-28)		
		1	1522-4605080	1	Fork	
		2	1522-4605071	1	Lock nut	
		3	1522-4605075	1	Pipe	
		4	1522-4605065	1	Screw	
		5	III10	1	Washer	
		6	M10	1	Nut	
		7	099049	1	Spring	
		8	306842	1	Handle	
		9	099015	1	Clamp	
		10	010486	3	Pin 6x28	
		11	099113	1	Stop	
		12	099050	1	Latch spring	
		13		1	Acquisition of top link	
		14	1522-4605110	1	Bracket	
		15	M10x50	1	Bolt	
		16	1522-4605076-01	1	Pipe	
		17	1522-4605065-01	1	Screw	
		18	1522-4605125	1	Screw	
		19	1522-4605130	1	Guide	
		20	1522-4605135	1	Slider	
		22	309758	1	Clamper latch	
		23	308524	1	Spring	
		24		1	Acquisition of draft link	
		25	099435	1	Pin 6x32	
		26	099599	1	Pin 13x36	
		27	308520	1	Thrust pin 10x36	
		28	200030	1	Handle	
		29	A61.05.100	1	Cotter with chain	
		30	1220-4605593	1	Pin	
		31	W522-4605556	1	Pin joint	
	32	A61.03.002	2	Ring		
	33	A61.08.01	1	Chain		
	34	1522-4605141	1	Cotter		
	35	1522-4605142	1	Spring		

Group 46. Remote-cylinder hydraulic system

Subgroup 4606. Blocks and elements of front mounting unit

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
114		1220-4606150	2	Drop link (1-4)	
	1	1220-4606160	1	Screw	
	2	A61.02.001	1	Turnbuckle	
	3	A61.02.003	1	Lock nut	
	4	70-4605100	1	Fork	

Group 46**Subgroup 4617. Pump drive of hydraulic system**

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
129	1	GP32N-4 or HIII32YKΦ-3 or HIII32Д-3	1 1 1	Pump	
	2	36-1022054-A	1	Gasket	
	3	ШП 10	4	Washer	
	4	M10	4	Nut	
	5	013-017-25-1-4	1	Ring	
	6	B 40	2	Ring	
	7	100-4617116	1	Bushing	
	8	11.113	6	Ball	
	9	100-4617112	1	Shaft	
	10	100-4617118	1	Axle	
	11	85-4604030	1	Fork	
	12	100-4617113	1	Coupling	
	13	100-4617123	1	Ring	
	14	100-4617114	1	Bushing	
	15	210 K5	2	Bearing	
	16	100-4617121	1	Ring	
	17	10x25	4	Stud	
	18	100-4617111	1	Body of the drive	
	19	100-4617119	1	Plate	
	20	ШП 8	5	Washer	
	21	M8x16	1	Bolt	
	22	50-1022062-Б1	1	Gasket	
	23	100-4617122	1	Cover	
	24	M8x20	4	Bolt	
	25	100-4617117	1	Gear wheel	

Subgroup 6708. Cab door

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
120	1	2522-6105018	2	Gasket	
	2	2522-6105019	2	Gasket	
	3	2522-6105021	2	Washer	
	4	M6x20	2	Screw	
	5	2522-6708020-A	1	Left-hand frame	
		2522-6708020-A-01	1	Right-hand frame	
	6	70-8401072	2	Bumper	
	7	2522-6105300	1	Handle (left)	
		2522-6105330	1	Handle (right)	
	8	2522-6105022	2	Bushing	
	9	2522-6105013	2	Gasket	
	10	2522-6105014	2	Gasket	
	11	2522-6105023	1	Right bracket	
		2522-6105023-01	1	Left bracket	
	12	2522-6105016	2	Washer	
	13	2522-6105017	2	Nut	
	14	2522-6708023	1	Left bracket	
		2522-6708023-01	1	Right bracket	
	15	80-6105050	1	(Left) lock	
		80-6105050-01	1	(Right) lock	
	16	2522-6708812	1	Cover	
		2522-6708812-01	1	Cover	
	17	M8	8	Screw	
	18	IIII5	4	Washer	
	19	IIII8	10	Washer	
	20	2522-6708056	1	Upper left-hand bail	
		2522-6708056-01	1	Upper right hand bail	
	21	2522-6708017	8	Bushing	
	22	2522-6708016	12	Bushing	
	23	2522-6708011	4	Strip	
	24	2522-6708029	4	Nut	
	25	2522-6705051	1	Upper left-hand bail	
		2522-6705051-01	1	Upper right-hand bail	
	26	622-6700011	4	Pin	
	27	2522-6708061	1	Lower left-hand bail	
		2522-6708061-01	1	Lower right-hand bail	
	28	2522-6703066	1	Lower left-hand bail	
		2522-6708066-01	1	Lower right-hand bail	

Group 68 Driver seat
Subgroup 6807. Reverse mechanism

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
123		2522-6807000-01	1	Reverse mechanism	
	1	80B- 6804014	1	Cover plate	
	2	M6	5	Nut	
	3	ШП6	9	Washer	
	4	80B-6807009-Б	1	Lever	
	5	1522-6807101	1	Stop	
	6	80B-6804066	1	Cover plate	
	7	1522-6807160	1	Panel	
	8	80B-6807070	1	Disk	
	9	80-1716041	8	Spring	
	10	15.081	8	Ball	
	11	80B-6807040	4	Clamp	
	12	M10	6	Nut	
	13	2522-6807020	1	Panel	
	14	2522-6807001	4	Bolt	
	15	M10x30	4	Bolt	
	16	ШП10	8	Washer	
	17	ШЧ10	4	Washer	
	18	80B-6807050	2	Screw	
	19	1522-6807150	2	Screw	
	20	2522-6807010	1	Bracket	
	21	M8x20	6	Bolt	
	22	A04.02.020	1	Nut	
	23	5x45	1	Cotter pin	
	24	ШЧ27	1	Washer	
	25	ШП8	6	Washer	
	26	2522-6807040	2	Connecting rod	
	27	2522-6807010-01	1	Bracket	
	28	ШЧ6	4	Washer	
	29	M6x14	6	Bolt	
	30	M6x20	3	Bolt	

Group 81. Air condition system
Subgroup 8114. Compressor installation

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
126	1		2	Bolt M10-6gx30.88.35.019	
	2	50-1002073	1	Washer	
	3		9	Washer 10 OT	
	4	1221-8114070	1	Tension lever	
	5			Belt 1-11x10-1650 or	
			1	Toothed belt SPAIS – 1650 STOMIL EAST, Poland	
	6		1	Bolt M12- 6gx35.109.40X.019	
	7	1221-8114021	1	Plate	
	8		2	Bolt M10-6gx16.88.35.019	
	9		1	Bolt M10-6gx35.88.35.019	
	10			Nut M10-6H.6.019	
	11			Washer C.10.01.08кп.019	
	12		1	Compressor 015200	Conditioner
	13		1	Fitting 70110FG160	MT8100000 Conditioner MT8100000
	14		1	Fitting 70108FG162	Conditioner
	15		2	Bolt TM10-6gx50.88.35.019	MT8100000
	16	260-3701068	2	Special bolt	
	17	1221-8114022	1	Bracket	
18		1	Washer 12 OT		

Group 82. Cab accessories
Subgroup 8201. Sun visor

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
131		80П-8204010	1	Sun visor (1,5-8)	
	1	80П-8204011	1	Axle	
	2	ШЧ6	2	Washer	
	3	ШП6	2	Washer	
	4	M6	2	Nut	
	5	70-8204011-A	1	Sun visor	
	6	70-8204014	1	Holder	
	7	70-8204015	1	Holder	
	8	B.M4x10	5	Screw	

Group 87**Subgroup 8700. DL and FDA control**

Fig. No.	Pos. No.	Indication	Q-ty	Designation	Note
135	1	50-1702048	10	Adjusting gasket	Maximal quantity
	2		1	Switch BK 12-51 TY ПБ 37334210.004-97	
	3	1222-8700021	1	Pipe	
	4	1221-3724840-B	1	Harness	
	5	80-3723045-01	4	Collar	
	6	1222-3724850	1	Harness	
	7	80-3723045	14	Collar	
	8	1522-3724830-Д	1	Harness	
	9		4	Washer 8T OCT 37.001.115-75	
	10		2	Bolt M8-6gx16.88.35.019 ГОСТ 7796-70	
	11	70-3723042-01	1	Bushing	
	12	1221-8700022	2	Clip	
	13	1522-3724820-E	1	Harness	
	14	1522-8700212	2	Clamp	
	15		1	Switch BK12-1 ЦИКБ 642241.001 TY	
	16		2	Control lamp 12.3803-31 TY ПБ 300228919.037-2002 or 2202.3803-34 TY 37.003.1109-82	
	17		5	Washer 6T OCT 37.001.115-75	
	18		5	Nut M6-6H.6.019 ГОСТ 5915-70	
	19		7	Relay 90.3747 TY 37.003.1418-94	
	20	1522-8700221-A	1	Bracket	
	21	1522-8700222	1	Bushing	
	22		3	Washer 5T OCT 37.001.115-75	
	23	1321-8700019	1	Clip	
	24	ПП-32-01	1	Seal	
	25		1	Ring 006-010-25-1-4 ГОСТ 18829-73/ГОСТ 9833-73	
	26		1	Fuse block БП-1 TY ПБ 03428193.095-97	
	27	80-3805065	1	Screw	
	28	822-3801341	1	Board	
	29	80-3724410-06	1	Cable	
	30		4	Screw B. M6-6gx20.58.019 ГОСТ 17474-80	
	31	1522-8700221	1	Bracket	

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