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***BELARUS 510/510.1/  
512/512.2/  
520/522***

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510-0000010 KDS

**CATALOGUE OF PARTS AND  
ASSEMBLY UNITS**

2009

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**GROUP 10 DIESEL ENGINE MECHANISMS**
**Subgroup 1001. Front support installation Subgroup 1002 Cylinder block**
**Subgroup 3802 Drive and meter installation**

Pos. No.	Assembly unit, part indication.	Designation						Q-ty in group
		1	2	3	4	5	6	
	240-1001000-A	Front support installation (D-242)						
	240-1001000-A-01	Front support installation (D-244)						
	240-1001010-A	Front engine support (D-242)						1
	240-1001010-A-01	Front engine support (Д-244)						1
1	240-1001015-A1	Front engine support						1
2	240-1001025	Shock absorber with stop plate						1
3	M8-6gX16	Bolt						4
4	8 65Г 06	Washer						4
5	M10-6gX30	Bolt						2
6	10 65Г 06	Washer						2
	240-1002000-Б-13	Cylinder block (D-242)						
	240-1002000-Б-37	Cylinder block (D-244)						
	50-1002040-B	Oil crankcase support						1
7	50-1002042-B	Oil crankcase support						1
8	240-1002044	Pin						2
9	50-1002313-B	Back plate						1
10	50-1002316-A2	Gasket of oil- seal housing						1
11	50-1002340	Clamper						1
12	240-1002030	Distribution shield						1
13	240-1002033	Distribution shield gasket						1
14	240-1002046	Pin						2
15	240-1002049	Gasket						2
	240-1002060-A	Distribution cover						1
16	240-1002044	Pin						2
17	240-1002055	Collar						1
18	240-1002065-A2	Distribution cover						1
19	240-1002064-A	Distribution cover gasket						1
	240-1002080-A	Neck installation						1
20	240-1002082-A1	Neck gasket						1
21	240-1002085	Screen						1
	240-1002115	Neck						1
22	240-1002088-B	Pipe						1
23	A19.01.003	Spring ring						1
	A19.01.100	Cover						1
24	042-048-30-2-1	Ring						1
25	A19.01.001	Plug						1
26	M8-6gX20	Bolt						2
27	8 65Г 06	Washer						2
	240-1002310	Seal						1
	240-1002300	Oil-seal housing with ring						1
28	240-1002311	Oil thrower ring						1
29	240-1002315	Oil-seal housing						1
30	240-1002305	Collar						1
31	240-1002314	Back plate gasket						1
32	240-1002320-B	Oil gauge						1
33	240-1002328	Blind plug						2
	240-1002010-Б1-04	Cylinder block (D-242)						1

## Subgroups 1004, 1005. Pistons and connecting rods. Crankshaft. Flywheel

Pos. No.	Assembly unit, part indication.	Designation						Q-ty in group
		1	2	3	4	5	6	
<b>1</b>	242-1005015	Crankshaft						<b>5</b>
<b>2</b>	50-1005021-A	Blind plug						<b>1</b>
<b>3</b>	50-1005043	Rear oil slinger of crankshaft						<b>1</b>
<b>3</b>	50-1005157-B	Blind plug						<b>4</b>
<b>4</b>	50-1005191-A	Crankshaft tube						<b>4</b>
	240-1005014	Crankshaft (D-243)						<b>1</b>
<b>5</b>	240-1005017	Crankcase counterweight (D-243)						<b>4</b>
<b>6</b>	240-1005018	Counterweight mounting bolt (D-243)						<b>8</b>
<b>7</b>	240-1005020-B1	Crankshaft						<b>1</b>
<b>8</b>	240-1005024	Locking plate (D-243)						<b>8</b>
<b>9</b>	240-1005030-A1	Crankshaft timing gear						<b>1</b>
<b>10</b>	4X22	Cotter pin						<b>4</b>
<b>11</b>	6X9	Key						<b>2</b>
<b>12</b>	50-1005019	Pin						<b>3</b>
	A23.01-81-240 Тс6Н1 or A23.01-81-240СБАСН1	Crankshaft bearing liner set						
<b>13</b>	A23.01-8116 or A23.01-81.037	Crankshaft bearing liner						<b>4</b>
<b>14</b>	A23.01-8117 or A23.01-81.038	Crankshaft bearing liner						<b>4</b>
<b>15</b>	A23.01-8118 or A23.01-81.040	Crankshaft bearing liner						<b>1</b>
<b>16</b>	A23.01-8119 or A23.01-81.039	Crankshaft bearing liner						<b>1</b>
<b>17</b>	A23.01-10401	Semi-ring						<b>2</b>
<b>18</b>	A23.01-10403	Semi-ring						<b>2</b>
	240-1004010-A-18 or 240-1004010-A-19 or 240-1004010-A-20 or 240-1004010-A-21 or 240-1004010-A-22 or 240-1004010-A-23 or 240-1004010-A-24 or 240-1004010-A-25 or 240-1004010-A-26 or 240-1004010-A-27 or 240-1004010-A-28 or 240-1004010-A-29 or 240-1004010-A-30 or 240-1004010-A-31 or 240-1004010-A-32 or 240-1004010-A-33 or 240-1004010-A-34 or 240-1004010-A-35	Piston and rod group						<b>4</b>
<b>19</b>	50-1004042-A1	Piston pin						<b>1</b>
<b>20</b>	240-1004021-Д-03 or 240-1004021-Д or 240-1004021-Д-01	Piston						<b>1</b>

**Subgroup 1009. Oil crankcase installation**

Pos. No.	Assembly unit, part indication.	Designation						Q-ty in group
		1	2	3	4	5	6	
<b>1</b>	245-1009000-Г	Oil crankcase installation						<b>2</b>
<b>2</b>	245-1009104	Plate						<b>1</b>
<b>3</b>	245-1009110-B	Oil crankcase						<b>1</b>
<b>4</b>	50-1401063-B1	Oil crankcase gasket						<b>2</b>
<b>5</b>	240-1401059-A1	Front seal						<b>1</b>
<b>6</b>	240-1401065-A1	Rear seal						<b>1</b>
<b>7</b>	M8-6gx25	Bolt						<b>22</b>
<b>7</b>	8T 65Г 06	Washer						<b>22</b>

## Subgroup 1105. Coarse fuel filter

Pos.No.	Assembly unit, part indication.	Designation						Q-ty in group
		1	2	3	4	5	6	
	240-1105010	Coarse filter						
1	M8-6gx25	Bolt						4
2	M8-6H	Nut						4
3	8 65Г 06	Washer						4
4	240-1105016	Housing						1
5	98-4-4-16	Ring						1
6	240-1105011	Diffuser						1
7	240-1105025	Reflector						1
8	240-1105020	Bowl						1
9	240-1105030	Plug						1
10	260-1117134	O-ring						1
11	Д16-111-A	Protective bushing						2
12	Д18-051-A	Swivel angle bolt						2
13	Д18-055-A	O-ring						4

**GROUP 35 PNEUMATIC COMPRESSOR**
**Subgroup 3509. Pneumatic compressor installation (for D-242)**

Pos.No.	Assembly unit, part indication.	Designation						Q-ty in group
		1	2	3	4	5	6	
<b>1</b>	240-3509030-A A29.05.000-Б3А	Pneumatic compressor installation Pneumatic compressor						<b>1</b>
<b>2</b>	M10-6gx45	Bolt						<b>1</b>
<b>3</b>	M10-6H	Nut						<b>3</b>
<b>4</b>	10 65Г 06	Washer						<b>3</b>
<b>5</b>	36-1104788	Gasket						<b>3</b>
<b>6</b>	240-3509037-A	Gasket						<b>1</b>
<b>7</b>	240-3509150	Oil pipe						<b>1</b>
<b>8</b>	36-1104787	Union bolt						<b>1</b>
<b>9</b>	240-3509232	Union						<b>1</b>
<b>10</b>	240-3509158	Clamp						<b>1</b>
<b>11</b>	240-3509159	Clevis						<b>1</b>
<b>12</b>	M6-6gx16	Bolt						<b>1</b>
<b>13</b>	M6-6H	Nut						<b>1</b>
<b>14</b>	6 65Г 06	Washer						<b>1</b>
<b>15</b>	РД 18-29-300-1,3	Hose part						<b>1</b>
<b>16</b>	XC-26.016	Binding screw clamp						<b>2</b>
<b>17</b>	80-3509010*	Valve						<b>1</b>

\* Valve for tire charging is installed when pneumatic drive in the absence is absent pneumatic drive.

**Group 11. Feed system**  
**Subgroup 1108. Fuel intake control**

Fig. No	Pos.No	Indication	Q-ty	Designation
23		70-1108005-Б1	1	Fuel intake control
	1	M6-6gx12.88.35.019 ГОСТ 7798-70	3	Bolt
	2	6T OCT 37.001.115-75	5	Washer
	3	C 6.01.019 ГОСТ 6958-78	3	Washer
	4	70-1108271	1	Handle
	5	50-1108148	2	Washer
	6	70-1108260	1	Shaft
	7	70-3401093	1	Tip
	8	70-1108250	1	Bracket
	9	80-1108178	1	Friction washer
	10	A20-245-Б	1	Spring
	11	50-1108146	1	Lever
	12	M14x1,5-6H.6.019 ГОСТ 5915-70	1	Nut
	13	C 8.01.019 ГОСТ 11371-78	6	Washer
	14	3,2x18.019 ГОСТ 397-79	8	Cotter pin
	15	70-1108167-Б1	1	Rod
	16	70-1108230	1	Shaft
	17	50-1108044	1	Key
	18	70X-1108043	1	Lever
	19	8T OCT 37.001.115-75	3	Washer
	20	M8-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	21	70-1108220	1	Pedal
	22	70-1108244	1	Box
	23	M6-6gx16.88.35.019 ГОСТ 7798-70	2	Bolt
	24	M8-6gx20.88.35.019 ГОСТ 7796-70	2	Bolt
	25	70-1108063	1	Rod
	26	A30.04.017	2	Cap
	27	70-1115020	1	Dash board
	28	70-3723023	1	Bushing
	29	C 12.01.019 ГОСТ 11371-78	2	Washer
	30	M12x1,25-6H.6.019 ГОСТ 5915-70	1	Nut
	31	8x30 OCT 37.001.163-75	1	Pin
	32	A20.213-A	1	Fork
	33	M8-6H.6.019 ГОСТ 5915-70	3	Nut
	34	70-1108116	1	Rod
	35	80-1108630-A	1	Cable wire
	36	80-1108026	1	Bracket
	37	70-1310441	1	Detent
	38	B.M4-6gx10.46.016 ГОСТ 17473-80	1	Screw
39	80-1108317	1	Boss	

**Group 16. Clutch**  
**Subgroup 1601. Clutch plates**

Fig. No	Pos.No	Indication	Q-ty	Designation
28		240-1005009	1	Clutch installation (1-31)
		80-1601090	1	Clutch plate (5-15, 18-31)
		85-1601120-Б	1	Back plate (12-15, 23)
	1	85-1601130-01 or 85-1601130-02	1	Driven plate (engages 2, 3)
	2	70-1601138-01 or 70-1601138-02	2	Friction lining (enclosed into 1)
	3	2-4x8.32 ГОСТ 12642-80	24	Rivet (enclosed into 1)
	4	70-1601074	6	Bushing
	5	80-1601093	1	Pressure plate
	6	3,2x18.019 ГОСТ 397-79	12	Cotter pin
	7	85-1601108	12	Washer
	8	85-1601096	6	Pin
	9	85-1601094	3	Release lever
	10	85-1601083	3	Spring
	11	85-1601097	3	Fork
	12	70-1601062	2	Washer
	13	70-1601091	12	Damper
	14	70-1601053	1	Bushing
	15	85-1601125-Б	1	Back plate (assembled with 16 and 17)
	16	70-1601051	1	Hub (enclosed into 15)
	17	8x22.01 ГОСТ 10299-80	6	Rivet (enclosed into 15)
	18	85-1601109-A	3	Adjusting nut
	19	85-1601086	3	Retaining washer
	20	C 8.01.019 ГОСТ 11371-78	6	Washer
	21	8T OCT 37.001.115-75	6	Washer
	22	M8-6gx16.88.35.019 ГОСТ 7796-70	6	Bolt
	23	6x30.01 ГОСТ 10299-80	3	Rivet
	24	M12x1,25-6H.6.019 ГОСТ 5915-70	9	Nut
	25	12 OT OCT 37.001.115-75	9	Washer
	26	85-1601072-Б	9	Sleeve
	27	85-1601115	9	Spring
	28	85-1601118-Б	9	Insulating washer
29	85-1601124	9	Plate	
30	85-1601121	6	Washer	
31	85-1601126	6	Bolt	

**Group 16. Clutch**  
**Subgroup 1602. Clutch control**

Fig. No	Pos.No	Indication	Q-ty	Designation
33		50-1602110-Б1	1	Rod (5, 7, 8)
	1	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	2	12 OT OCT 37.001.115-75	2	Washer
	3	80-1601219-Б	1	Lever
	4	12x32 OCT 37.001.163-75	3	Pin
	5	50-3502203	2	Fork
	6	3,2x18.019 ГОСТ 397-79	3	Cotter pin
	7	M12x1,25-6H.6.019 ГОСТ 5915-70	2	Nut
	8	50-1602112-Б	1	Rod
	9	M12-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	10	70-1602040	1	Cushion rod
	11	70-1602020-Б	1	Pedal
	12	50-1602027	1	Thrust
	13	50-1602032	1	Spring
	14	50-1602029	1	Thrust
	15	80-1602033	1	Thrust bolt
	16	M16-6H.6.019 ГОСТ 5915-70	1	Nut
17	80-1602075-Б	1	Bracket	

**Group 17. Gearbox**  
**Subgroup 1701. Inner shaft. Countershaft**

Fig. No	Pos.No	Indication	Q-ty	Designation
38		50-1701190	1	2 <sup>nd</sup> stage reducing gear (14-19)
		50-1701200	1	Bearing seat (2-3)
	1	50-1701181	1	Shaft nut
	2	60210 АУШ1 ГОСТ 7242-81	1	Bearing
	3	50-1701184	1	Bearing seat
	4	50-1701218	1	5 <sup>th</sup> speed and reverse gear
	5	50-1701216	1	4 <sup>th</sup> speed gear
	6	70-1701182-Б	1	Countershaft
	7	50-1701214	1	3 <sup>rd</sup> speed gear
	8	3KK72x82x45E TY PБ 00234873.003-99	1	Bearing
	9	Φ50-1701056-Б	1	Idler gear
	10	50-1701183	1	Washer
	11	50-1701187	1	Thrust
	12	70-1701196	1	1 <sup>st</sup> stage reducing gear
	13	50-1701185	1	Inner shaft
	14	2С75 ГОСТ 13940-86	1	Ring
	15	50-1701401	1	Impeller
	16	2С115 ГОСТ 13941-86	2	Ring
	17	6-12115 ЕМУШ1 ГОСТ 8338-75	2	Bearing
	18	50-1701198-А	1	2 <sup>nd</sup> stage reducing gear
	19	50-1701195	1	Sleeve
	20	12 ОТ OCT 37.001.115-75	4	Washer
	21	M12-6gx35.88.35.019 ГОСТ 7796-70	4	Bolt
	22	2С80 ГОСТ 13941-86	1	Ring
	23	307А ГОСТ 8338-75	1	Bearing
	24	50-1701188	1	Bushing
	25	A.8x45.65Г ГОСТ 14229-93	1	Pin
	26	70-1701186	1	Seat
27	10 ОТ OCT 37.001.115-75	3	Washer	
28	M10-6gx35.88.35.019 ГОСТ 7796-70	3	Bolt	

**Group 22. Cardan drive**  
**Subgroup 2210. Cardan shaft guard**  
 (For tractors "BELARUS-512/512.1/522")

Fig. No	Pos.No	Indication	Q-ty	Designation
42		72-2203040	1	Cardan shaft guard (1-11)
	1	52-2210040	1	Support bracket
	2	72-2210013	1	Rear shroud
	3	8T OCT 37.001.115-75	8	Washer
	4	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	5	72-2210030	1	Clamp
	6	M8-6gx40.88.35.019 ГОСТ 7796-70	1	Bolt
	7	52-2210015	1	Bracket
	8	M8-6gx16.88.35.019 ГОСТ 7796-70	6	Bolt
	9	52-2210012-A	1	Front shroud
	10	52-2210017-A	1	Shroud
11	72-2210020-A	1	Bracket	

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**Group 23. Front driving axle**  
**Subgroup 2308. Wheel-hub drive.**  
 (For tractors "BELARUS-512/512.1/522")

Fig. No	Pos.No	Indication	Q-ty	Designation
46	23	12 ОТ OCT 37.001.115-75	18	Washer
	24	M12-6gx40.88.35.019 ГОСТ 7796-70	8	Bolt
	25	M12x1,25-6H.6.019 ГОСТ 5915-70	6	Nut
	26	72-2308004	6	Stud
	27	72-2308009	6	Bushing
	28	52-2308074-01*и*** 72-2308074***	1	Right lever
	29	M12-6gx35.88.35.019 ГОСТ 7796-70	4	Bolt
	30	52-2308075-01*и*** 72-2308075-01***	1	Left lever
	31	ПК КГ 3/4"	2	Plug
	32	011-014-19-1-4 ГОСТ 18829-73/9833-73	2	Ring
	33	52-2308099	2	Pin
	34	52-2308014-A2	1	Right casing
		52-2308015-A2	1	Left casing
	35	208A ГОСТ 8338-75	2	Bearing
	36	52-2308061	2	Gear
	37	209A ГОСТ 8338-75	2	Bearing
	38	52-2308024	2	Gasket
	39	52-2308035	2	Cover
	40	ПК КГ 3/8"	2	Plug
	41	M10-6gx25.88.35.019 ГОСТ 7796-70	8	Bolt
	42	10 ОТ OCT 37.001.115-75	28	Washer
	43	6-7212A ГОСТ 27365-87	4	Bearing
	44	72-2308023-Б	2	Gasket
	45	72-2308066-Б	2	Housing
	46	2.2-75x100-1 ГОСТ 8752-79/OCT 3805146-78	2	Collar
	47	72-2308029-Б	2	Mud collector
	48	40-3103016	14(8**)	Bolt
	49	72-2308017** 82-2308017*и***	2	Flange (5 studs) Flange (8 studs)
	50	40-3103017	14(8**)	Nut
	51	70-3104019-01	2	Special nut (technological)
	52	M8-6gx25.88.35.019 ГОСТ 7796-70	10	Bolt
	53	72-2308021-Б	16(max)	Adjusting shim B=0,5 mm
	54	72-2308021-Б-01	8(max)	Adjusting shim B=0,8 mm
	55	290-300-58-1-4 ГОСТ 18829-73/9833-73	2	Ring
	56	72-2308018	4	Bolt
	57	72-2308013	2	Plate
	58	72-2308031	2	Washer
	59	2310KM ГОСТ 8328-75	2	Bearing
	60	72-2308062	2	Gear
	61	72-2308016-Б	2	Cover
	62	M10-6gx30.88.35.019 ГОСТ 7796-70	20	Bolt
	63	52-2308101	2	Housing
	64	72-2308044	2	Washer
	65	52-2308084-A1	2	Sleeve
	66	52-2308091-A	4	Ring
	67	72-2308030-A	2	Pivot axle tube
	68	52-2308096	2	Gasket
	69	M12-6gx55.88.35.019 ГОСТ 7796-70	8	Bolt
	70	72-2308011	4	Screw

\* reducing gears of 8 studs, version with power steering

\*\* reducing gears of 5 studs, version with power steering

\*\*\* reducing gears of 8 studs, version with hydrostatic power steering

**Group 28. Frame**  
**Subgroup 2807. Trailer hydraulic hook**

Fig No	Item No	Denomination	Quantity	Designation
51		70-2807010-A-01	1	Trailer hook (1-36)
		80-2807040	1	Daught (31-33)
		80-2807070	1	Hook (24, 25)
	1	70-2807080-Б	1	Handle
	2	3,2x18.019 ГОСТ 397-79	3	Split
	3	70-2807079	1	Lever
	4	M10-6gx20.88.35.019 ГОСТ 7796-70	1	Bolt
	5	10 OT OCT 37.001.115-75	1	Washer
	6	50-1605152	1	Spring
	7	70-1602120-Б	1	Axle flange
	8	M16-6gx50.88.35.019 ГОСТ 7796-70	2	Bolt
	9	16 OT OCT 37.001.115-75	2	Washer
	10	70-2807081	1	Bracket
	11	40-3104021	4	Bolt
	12	70-2807044	4	Washer
	13	80-2807014	1	Bracket
	14	70-2807039	2	Plate 1,0 mm
		70-2807039-01	1	Plate 0,5 mm
		70-2807039-02	2	Plate4 0,2 mm
	15	70-2807051	2	Clip
	16	70-2807052-Б	2	Screw
	17	40-3405062	2	Nut
	18	70-2807053-Б	2	Draught nut
	19	M20x1,5-6H.04.019 ГОСТ 5919-73	2	Nut
	20	4x36.019 ГОСТ 397-79	2	Split
	21	C 20.01.019 ГОСТ 11371-78	2	Washer
	22	18 OT OCT 37.001.115-75	2	Washer
	23	80-2807026	2	Bolt
	24	80-2807011	1	Hook
	25	50-2807016	1	Hook axle
	26	70-2807047	1	Axle
	27	80-2807077	2	Pincher
	28	50-2807013-Б	1	Axle
	29	36-3503018	2	Washer
	30	6,3x36.019 ГОСТ 397-79	2	Split
	31	80-2807043	1	Draught
32	M12x1,25-6H.04.019 ГОСТ 5916-70	2	Nut	
33	50-3502203	1	Fork	
34	12x32 OCT 37.001.163-75	1	Pin	
35	3,2x25.019 ГОСТ 397-79	1	Split	
36	C 16.01.019 ГОСТ 11371-78	1	Washer	

**Group 34. Steering control**  
**Subgroup 3401. Steering control drive**

Fig No	Item No	Assembly unit or part No	Quantity	Designation
56		80-3401015-01	1	Steering column (1,3,6,8, 17-23, 32,34,35, 39-42, 46-51)
		70-3401050-Б	1	Shaft (17-19)
		50-3401060	1	Cardan (46-51)
	1	M10-6H.6.019. ГОСТ 5915-70	6	Nut
	2	10Л OCT 37.001.115-75	2	Washer
	3	M10-6gx45.88.35.019 ГОСТ 7795-70	5	Bolt
	4	80-3401070	1	Bushing
	5	80-3401072	1	Shaft
	6	СШ-510	4	Dowe 5x10
	7	50-3401060	1	Cardan
	8	80-3401013	4	Washer
	9	80-3401105	1	Post
	10	80-3401104	1	Shock absorber
	11	80-3401103	1	Clamp
	12	10 OT OCT 37.001.115-75	1	Washer
	13	80-3401106	1	Bushing
	14	80-3401052-Б	1	Shaft
	15	С 6.01.019 ГОСТ 11371-78	2	Washer
	16	1,6x12.019 ГОСТ 397-79	1	Split
	17	70-3401055	1	Intermediate shaft
	18	70-3401054-Б	1	Shaft shank
	19	ШЦК 8x36	1	Dowel
	20	70-3401077-Б	2	Shock absorber
	21	70-3401076	2	Bush
	22	70-3401078	1	Nut
	23	70-3401079	1	Nut lock
	24	80-3401082	1	Cover
	25	80-3401140	1	Clamp
	26	M16x1,5-6H.6.019. ГОСТ 5915-70	1	Nut
	27	50-3401091	1	Washer
	28	80-3402015	1	Steering wheel
	29	70-3401074-Б	1	Steering shaft
	30	2x12.019 ГОСТ 397-79	1	Split
	31	70-3401094	1	Plate
	32	70-3401020	1	Tube
	33	6x18 OCT 37.001.163-75	1	Pin
	34	M27x2-6H.04.019 ГОСТ 15522-70	2	Nut
	35	70-3401028	2	Washer
	36	M12-6gx55.88.35.019 ГОСТ 7796-70	1	Bolt
	37	12 OT OCT 37.001.115-75	3	Washer
	38	M12-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	39	70-3401031-Б	1	Post
	40	70-3401089	2	Screw
	41	70-3401088-Б	1	Fixer
	42	70-3401087	1	Spring
	43	70-3401084	1	Draught
	44	70-3401083	1	Lever
	45	70-3401093	1	Cap
	46	50-3401061-A	2	Fork
47	50-3401062	1	Crossbar	
48	50-3401063	4	Iron ring	
49	50-3401064	4	Gland	

**Group 34. Steering control**  
**Subgroup 3406. Steering booster control valve**

Fig No	Item No	Denomination	Quantity	Designation
59		50-3406015-A	1	Steering booster control valve (3-7, 10-12, 27, 33, 35-38, 50-3406011-A)
		50-3406011-A	1	Valve cover (8, 9, 11-21)
	1	50-3406024	1	Cover
	2	50-3406039	1	Nut
	3	50-3406019-Б	6	Sliding bar
	4	50-3406033	3	Spring
	5	020-025-30-1-4 ГОСТ 18829-73/ ГОСТ 9833-73	2	Ring
	6	M8-6gx50.88.35.019 ГОСТ 7795-70	2	Bolt
	7	8T OCT 37.001.115-75	3	Washer
	8	50-3406017-Б	1	Cover
	9	КГ 1/8". А12.019 ТУ 23.1.506-91	1	Plug
	10	M8-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	11	017-022-30-1-4 ГОСТ 18829-73/ ГОСТ 9833-73	2	Ring
	12	H.036.04.003	2	Bean
	13	P75-B-028A	1	Laying
	14	50-3406028	1	Socket
	15	5,556-60 ГОСТ 3722-81	1	Ball
	16	50-3406027	1	Guide arm
	17	50-3406026	1	Spring
	18	P80-049	1	Screw
	19	018-022-25-2-3 ГОСТ 18829-73/ ГОСТ 9833-73	2	Ring
	20	P75-058Б	1	Nut
	21	50-3406029	1	Cap
	22	205K ГОСТ 8338-75	2	Piston
	23	36-1702358	1	Spring ring
	24	50-3405036	1	Ring
	25	50-3405026	1	Washer
	26	С 10.01.019 ГОСТ 11371-78	1	Bushing
	27	10 OT OCT 37.001.115-75	5	Bushing
	28	M10-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	29	2.2-25x42-1 ГОСТ 8752-79/ OCT 3805146-78	1	Collar
	30	50-3406034	1	Round end
	31	50-3406037	1	Bushing
	32	958705	2	Piston
	33	50-3406018-Б	1	Slide
	34	085-090-30-1-4 ГОСТ 18829-73/ ГОСТ 9833-73	2	Ring
	35	50-3406016-Б	1	Body
	36	50-3406041	1	Bushing
37	4x36.019 ГОСТ 397-79	1	Split	
38	M10-6gx100.58.019 ГОСТ 7795-70	4	Bolt	

**Group 35. Brakes**  
**Subgroup 3507. Parking brake**

Fig No	Item No	Denomination	Quantity	Designation	
64		50-3502010	1	Brake (2-4, 6-14, 43, 44)	
		50-3502030-A	1	Pressure plate (4, 6-11, 43, 44)	
		70-3503080	1	Brake Draft (15, 17, 18)	
		70-3507050	1	Bracket (16, 24-27, 39-40)	
		70-3507020	1	Lever (19-23, 29-32)	
		70-3507040	1	Draft (9, 15, 38)	
	1		M12-6gx180.58.019 ГОСТ 7795-70	3	Bolt
	2		50-3502035	1	Housing
	3		70-3502040-01 or 70-3502040-04	2	Disc
	4		50-3502036-Б	2	Pressure plate
	5		70-3504055	1	Shaft
	6		M8-6H.6.019 ГОСТ 5915-70	2	Nut
	7		50-3502196	2	Draft
	8		3,2x18.019 ГОСТ 397-79	3	Split
	9		50-3502203	2	Fork
	10		12x32 OCT 37.001.163-75	3	Pin
	11		50-3502198	2	Pin
	12		1,6-O-C ГОСТ 3282-74	1	Wire (L=300mm)
	13		50-3502202	1	Housing
	14		36-1702358*	1	Spring ring
	15		M12x1,25-6H.6.019 ГОСТ 5915-70	3	Nut
	16		70-3503017-A	1	Lever
	17		70-3503018	1	Bushing
	18		70-3503019	1	Bolt
	19		70-3507022	1	Draft
	20		C 5.01.019 ГОСТ 11371-78	1	Bushing
	21		55-17-27	1	Spring
	22		A13.19.002	1	Key button
	23		A13.19.001-A	1	Handle
	24		M12-6gx40.88.35.019 ГОСТ 7796-70	1	Bolt
	25		12 OT OCT 37.001.115-75	7	Bushing
	26		70-3514107	1	Lever
	27		СШ-611	1	Dowel
	28		C15 ГОСТ 13942-86	1	Ring
	29		70-3507030	1	Lever
	30		50-1606026	1	Catch
	31		2x12.019 ГОСТ 397-79	1	Split
	32		70-3507024	1	Axle
	33		70-3507021-Б	1	Sector
	34		10 OT OCT 37.001.115-75	2	Bushing
	35		M10-6H.6.019 ГОСТ 5915-70	2	Nut
	36		M10-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	37		70-3507132-Б	1	Axle
38		70-3507041	1	Draft	
39		70-3507060-03	1	Lever	
40		70-3507070	1	Bracket	
41		M12-6gx200.58.019 ГОСТ 7795-70	2	Bolt	
42		77.38.163	3	Spring	
43		22,225-100 ГОСТ 3722-81	3	Ball	

\* Upon an order

**Group 37. Electrical equipment**  
**Subgroup 3708. Starter**

Fig No	Item No	Assembly unit or part No	Quantity	Designation	
69		AZJ 3124	1	Starter 12B	
	1	16.281.793	1	Front cover	
	2	16.670.154-01	1	Assembled relay	
		16.670.262	1	Relay	
		16.150.007	1	Core	
		15.200.058	1	Spring	
		707.002.275	1	Ring	
		16.300.126	3	Screw	
		3	16.901.700	1	Lever
	15.300.191		1	Screw	
	4	15.120.243	1	Bushing piston	
	5	16.901.700	1	Coil	
		15.300.191	4	Screw	
	6	16.903.908	1	Brush holder	
	7	16.770.083	4	Brush	
		15.200.243	4	Spring	
	8	16.283.449	1	Rear cover	
		15.120.155	1	Bushing	
		15.400.249	1	Insert	
		15.900.140	1	Cover	
		15.400.056	1	Ring	
		15.300.710	2	Screw	
	9	15.120.155	1	Bushing piston	
	10	16.360.402	1	Rotor	
	11	16.903.550	1	Bendix	
	12	16.281.299	1	Average cover	
		15.120.154	1	Bushing	
	13	15.200.007	1	Ring	
		15.300.042	1	Ring	
		15.300.057	2	Stud	
		D 6	1	Bushing	
		M 6	1	Nut	
		15.401.009	1	Bushing	
		15.300.027	1	Bushing	
		15.300.028	2	Bushing	
			15.900.204	1	Bushing

**Group 39. Tools and accessories**  
**Subgroup 3901. Operator's tools**

<b>Fig No</b>	<b>Item No</b>	<b>Denomination</b>	<b>Quantity</b>	<b>Designation</b>
74			1	Set of tools and accessories of diesel engine D-243
	1	70-3901038	1	Key 41x46
	2	70-3901027	1	Socket key S=27x37
	3	50-3901026	1	Socket key S=12

**Group 39. Tools and accessories**  
**Subgroup 3912. First-aid kit**

<b>Fig No</b>	<b>Item No</b>	<b>Denomination</b>	<b>Quantity</b>	<b>Designation</b>
75	1	70-3912153-A	1	Bracket
	2	70-3912152	1	Housing
	3	70-3912151	1	Cover
	4	C 6.01.019 ГОСТ 11371-78	3	Bushing
	5	70-3723033	3	Bracket

**Group 42. Power take off**  
**Subgroup 4204. Side power take off shaft**

Fig No	Item No	Denomination	Quantity	Designation
79		50-4204010	1	Side power take off haft with 8-splined shank-end (1-28)
	1	50-4204022	1	Side shaft with 8-splined shaft-end
	2	Φ50-4204026	1	Gear (Z=37)
	3	020-025-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	4	50-4204040-A	1	Roller
	5	50-4204015-Б	1	Housing
	6	208А ГОСТ 8338-75	1	Piston
	7	72 ГОСТ 2893-82	1	Ring
	8	50-1601038	1	Bushing
	9	12 ОТ OCT 37.001.115-75	1	Bushing
	10	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	11	50-1601091	2	Lining
	12	50-1601089	1	Cover
	13	50-1310136-A	1	Handle
	14	M8-6H.6.019 ГОСТ 5915-70	1	Nut
	15	80-4204042	1	Draft
	16	3,2x18.019 ГОСТ 397-79	1	Split
	17	50-4204034	1	Control lever
	18	A.10x40.65Г Chemical.Phosphate.Oil impregnated ГОСТ 14229-93	1	Pin
	19	1,6-O-C ГОСТ 3282-74	1	Wire (L=200mm)
	20	50-4204036-Б	1	Plate
	21	50-4204038	1	Plate
	22	6-50306K ГОСТ8338-75/2893-82	1	Piston
	23	50-4204024	1	Cover
	24	8T OCT 37.001.115-75	10	Bushing
	25	M8-6gx25.88.35.019 ГОСТ 7796-70	4	Bolt
	26	2.2-38x58-1 ГОСТ 8752-79/ OCT 3805146-78	1	Collar
	27	C 8.01.019 ГОСТ 11371-78	2	Bushing
	28	M8-6gx16.88.35.019 ГОСТ 7796-70	8	Bolt
29	50-4202065-A	1	Cap	

**Group 46. Hydraulic lift linkage**  
**Subgroup 4605. Rear hitch mechanism**  
**(for tractors with/without draft control)**

Fig No	Item No	Denomination	Quantity	Designation
82	80	50-4605068-Б1	2	Bushing
	81	70-4605026	1	Axle
	82	A61.02.001	1	Buckle
	83	50-4605018-Б	1	Bushing
	84	M16-6H.04.019 ГОСТ 5916-70	1	Nut
	85	50-4605019	1	Bolt
	86	70-4605050	1	Draft
	87	A61.03.102	1	Handle
	88	A61.03.101	1	Tube
	89	A61.02.100-03	1	Screw (left thread)
	90	A61.10.001-02*	1	Pin
	91	70-4605330-Б*	1	Earing
	92	70-4605302-Б*	1	Spring
	93	A61.10.001	1	Pin
	94	70-4605320*	1	Bolt
	95	70-4605036	5	Bolt
	96	20 OT OCT 37.001.115-75	5	Bushing
	97	70-4605304-Б*	1	Bushing
	98	70-4605316*	1	Nut
	99	A61.01.006	2	Bolt
100	M14-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt	
101	14 OT OCT 37.001.115-75	4	Bushing	
102	A61.01.204	1	Cover	
103	A61.01.012	1	Terminator	
104	A61.01.300	1	Tube	
105	8109 ГОСТ 7872-89	1	Piston	
106	40-4605047-Б**	2	Bushing	

\* For tractors with draft control

\*\* For tractors without draft control

**Group 46. Hydraulic lift linkage**  
**Subgroup 4607. Hydraulic units and fittings**

<b>Fig No</b>	<b>Item No</b>	<b>Denomination</b>	<b>Quantity</b>	<b>Designation</b>
87	1	P70-4600015-05	1	Hydraulic system housing
	2	70-4607370	1	Tube
	3	70-4607380	1	Tube
	4	80-4607050	1	Bracket
	5	H 036.83.140	2	Hose of high pressure Ø12
	6	70-1405089	1	Bean
	7	H 036.65.000A2-06	1	Delay valve
	8	017-022-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	9	Ц100x200-3	1	Hydraulic cylinder
	10	M14x1,5-6gx45.88.35.019 ГОСТ 7796-70	4	Bolt
	11	70-4607168	2	Plate
	12	50-4607049	2	Lining
	13	70-4608072	1	Plate

**Group 46. Hydraulic lift linkage**  
**Subgroup P80-3/4-222-3Гр. Hydraulic control valve P80-3/4-222-3Гр**

Fig No	Item No	Denomination	Quantity	Designation
91	52	P80-23.20.043	1	Valve nest
	53	85-4608021-Б	1	Plug
	54	025-029-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	55	M10-6H.6.019 ГОСТ 5915-70	3	Nut
	56	50-4607032-Б	1	Bracket
	57	M10-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	58	P40/75-0808076	1	Seal
	59	0,8-II-L250 ГОСТ 3282-74	1	Wire
	60	P80-23.20.137	3	Plug
	61	P75-033	3	Bottom glass
	62	P80-23.20.035	3	Spring
	63	P75-034	3	Upper glass
	64	P80-23.20.031	3	Iron ring
	65	P75-B-032	3	Spring
	66	P75-B-029	3	Bushing
	67	6,350-100 ГОСТ 3722-81	9	Ball
	68	P80-23.20-025	3	Booster
	69	P80.23.20.046-Б	3	Cartridge
	70	P80-23.20.045	3	Plunger
	71	P80-23.20.036	3	Spring
	72	P80-23.20.027	3	Nest
	73	P80-23.20.224	3	Slide

**Group 67. Cabin**  
**Subgroup 6700. Cabin (canopy-frame)**

Fig No	Item No	Denomination	Quantity	Designation
96	1	70-6702260	1	Chest
	2	C 6.01.019 ГОСТ 6958-78	4	Bushing
	3	M6-6gx16.88.35.019 ГОСТ 7798-70	4	Bolt
	4	C 8.01.019 ГОСТ 11371-78	5	Bushing
	5	8T OCT 37.001.115-75	5	Bushing
	6	M8-6gx20.88.35.019 ГОСТ 7796-70	5	Bolt
	7	70-6702056	4	Pressing
	8	40-8201010-A	1	Mirror
	9	80П-8204010	1	Visor
	10	4x10.019 ТУ РБ 400024166.001-2000	16	Screw nail
	12	70-6702188-01	1	Covering
	13	70-6702189-01	1	Covering
	14	70-6800000-A-02	1	Seat
	15	70-6702088-01	1	Covering
	16	70-6702074-Б	1	Mat
	17	M10-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	18	70-8405114	1	Bushing
	19	M10-6gx20.88.35.019 ГОСТ 7796-70	2	Bolt
	20	70-6702140	1	Panel
	21	10 OT OCT 37.001.115-75	5	Bushing
	22	M10-6H.6.019 ГОСТ 5915-70	5	Nut
	23	70-8405112	1	Footboard
	24	16 OT OCT 37.001.115-75	1	Bushing
	25	70-8405113	1	Support
	26	16 OT OCT 37.001.115-75	1	Bushing
	27	M16-6gx32.88.35.019 ГОСТ 7796-70	1	Bolt

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