

BELARUS

80.1/80.3/80Y/82Y

82.1/820/82.3/82P/82Π

80-000010 КДС

**CATALOGUE OF PARTS AND
ASSEMBLY UNITS**

Tenth edition, revised and supplemented

NOTE

Minsk Tractor Works Republican Unitary Enterprise carries out continual work for improving BELARUS tractors and reserves the right of modification of the design and specifications without notifying preliminarily the customers.

Some designations, names and illustrations provided in this Catalogue may differ from those appearing on your tractor. For detailed information, please, contact your dealer and use the information bulletins being issued by MTZ Production Group and distributed to the customers on a regular basis.

The Catalogue has been compiled by Engineer of the Department for Designing and Experimental Works M.V.Gutko. The initial data were provided by the leading specialists of the Chief Specialized Design Department of the Minsk Tractor Works (MTZ) Republican Unitary Enterprise.

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INTRODUCTION

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HOW TO USE THE CATALOGUE

The Catalogue consists of sections:

The assembly units and parts are divided into groups and subgroups according to the functional sign. The sections are illustrated with figures that facilitates the search of the required part and makes it possible to get familiar with the design of the tractor's subassemblies and parts as well as can serve as a reference for carrying out the dismantling and re-mounting operations.

Each group and subgroup includes the input subassemblies and original parts as well as parts adopted from other groups of BELARUS tractors.

The numbers of parts in each group or subgroup are arranged in accordance with position numbers in the figure that makes the search of the parts in the catalogue much more easy.

The column "Quantity" specifies the number of assembly units and parts used in this subgroup.

For a Belarus tractor, the traditional seven-digit system of designation of assembly units and parts (to the right from the prefix) is adopted.

According to this system, the rear axle assembly has, for example, the number 70-2401010:

70 – the first two digits to the left of the hyphen designate the tractor model, in this case "Tractor with single driving axle and engine starting by an electric starter".

24 – the first two digits to the right of the hyphen designate the group number, in this case "rear axle".

01 – the second two digits designate the subgroup number, in this case "rear axle casing".

010 – the last three digits designate the number of the part or subassembly, in this case "rear axle assembly".

The digits in parentheses after the seven-digit number of the assembly indicate the numbers of positions of the parts of which the assembly consists.

Some numbers of parts and subassemblies have an alphabetic, alphanumerical or numerical prefix after hyphen.

The suffices A1, A2, A3 after the seven-digit number of the part mean that the design of these parts or assembly units has been modified, but remains **interchangeable** with the previously released design. The suffices Б, Б1, Б2, В, Г, Д, etc. mean that the new designs of the parts **will not be interchangeable** with the parts of the previously released designs, but **mutually interchangeable** within the same symbol.

The digital suffices after the number of the part or assembly unit, for example, 01, 02, 03, etc. characterize the design of the part or assembly unit (either embodiment or climatic solution) and these parts are **not interchangeable**.

The parts used for repair only have alphabetic prefixes P1, P2, P3, etc.

TECHNICAL DATA

GENERAL				
Tractor type	Universal tilling tractors of the drawbar category 1.4			
Tractor make	BELARUS			
Tractor model	80.1 80.3 80Y	82Y 82.1 820 82.3	82P	82 Π
Overall dimensions mm:				
• length	4120±50	4130±50	4120±50	3850±50
• width	1970±50	1970±50	2370±50	1970±50
• height	2780±50	2800±50	3030±50	2850±50
Tractor base, mm	2370±20	2450±20	2450±20	2450±20
Tractor track, mm:				
• to front wheels (min-max)	1450-1850 (80.1/80.3) 1350-1850 (80Y)	1430-1990	1900	1540-1970
• to rear wheels (min-max)	1400-2100	1400-2100 (82Y) 1350-2050 (82.1/820/82.3)	1900	1500-2100
Agrotechnical clearance under the tubes of the front and rear half-axles (at least, mm)	645	645 (82Y/82.1) 510 (820/82.3)	715	510
Minimum turning radius, m	3,8	4,5	4,5	4,5
Tractor weight as shipped from the factory/Maximum allowable weight, kg/kg	3620±100/6300	3850 (82Y/82.1)/6500 3950 (820/82.3)/6500	4395±120/ 7400	3950±50 /7000
ENGINE				
Make	MMZ			
Model	Д-243 (80.1/80Y/82Y/82.1/820/ 82P/82Π)		Д-243С (80.3/82.3)	
Type	4-stroke diesel engine without turbocharger			
Number of cylinders	4			
Firing order	1-3-4-2			
Cylinder bore/piston stroke, mm/mm	110/125			
Displacement, l	4,75			
Rated rotational speed, rpm	2200			
Rated power, kW (h.p.)	59,6 (81)		60 (81,5)	
Operating power, kW (h.p.)	57,4 (78)		57,8 (78,6)	
Maximum torque, N m	298			
Torque reserve coefficient, %	15			
Fuel consumption at the operating power, g/kW	229			
ELECTRIC EQUIPMENT				
Rated voltage, V:				
• of the on-board power system consumers	12			
• electric starting system	12 (24)*			
Rated power of the alternator, kW	1 (80Y/82Y) 1,15 (80.1/80.3/82.1/820/82.3/82P/82Π)			

* optionally

TRANSMISSION	
Clutch	Mechanically controlled single-disk friction spring-loaded clutch
Gearbox (GB)	Mechanical, back-geared
Rear axle	With axle drive gear, differential and final drive
FRONT DRIVE AXLE (FDA)	
Axle type	Front axle (80Y/80.1/80.3) Solid beam (82Y/820) Compound, consisting of three parts (82.1/82.3/82 P/82Π)
FDA drive	Transfer case with automatic FDA engagement, two cardan shaft and intermediate bearing with a safety coupling
FDA control	Mechanical, with three operating modes
UNDERCARRIAGE	
Tyres:	
• of the front wheels	9-20 (80Y/80.1/80.3) 11.2-20 (82Y/82.1/82.3) 360/70R24 (820/82Π) 16.0-20 (82P)
• of the rear wheels	15.5R38 (80.1/80.3/80Y/82Y/82.1/82.3) 18.4R34 (820/82Π/82P)
Steering control	Hydrostatic power steering with a cylinder in the steering linkage
Brakes	Service: disk Parking brake: with the use of the service brakes with autonomous manual control
Air actuator of the trailer brakes	Pneumatic, interlocked with the control of the tractor brakes
CAB	
Type	Unified
REAR POWER TAKEOFF	
Drive	Mechanical
Rotational speed, rpm:	
• independent I	540 (at the engine rotational speed of 2200 rpm)
• independent II	1000 (at the engine rotational speed of 2200 rpm)
• synchronous drive, revolutions per metre of travel	3,2 (82Π) 3.4 (80Y/82Y) 3.5 (80.1/80.3/82.1/820/82.3)

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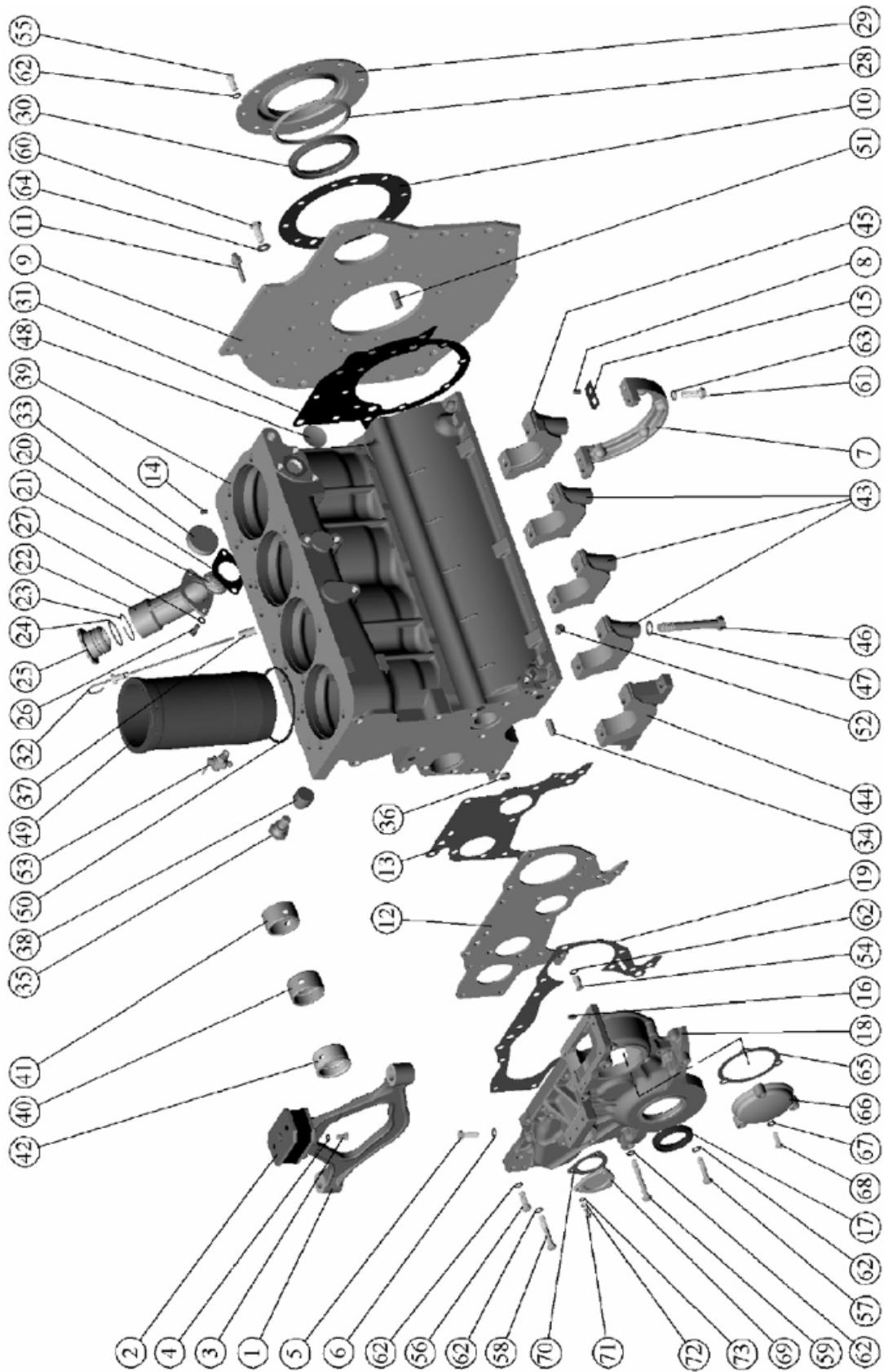


Figure 10.1. Suspension and cylinder block

Group 10. Engine mechanisms
Subgroup 1001, 1002. Suspension and cylinder block

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
1.01		240-1001000-A	1	Front support assembly (1-6)
		240-1002000-B	1	Cylinder block (7-73)
		245-1002009-03	1	Cylinder block (38-48)
	1	240-1001015-A1	1	Front support of the engine
	2	240-1001025	1	Shock-absorber with restraint
	3	M8x16	4	Bolt
	4	IIIИ 8	4	Washer
	5	M10x30	2	Bolt
	6	IIIИ 10	2	Washer
	7	50-1002042-B	1	Crankcase support
	8	240-1002044	2	Pin
	9	50-1002313-B	1	Rear sheet
	10	50-1002316-A2	1	Gland body gasket
	11	50-1002340	1	Catch
	12	240-1002030	1	Distribution board
	13	240-1002033	1	Distribution board gasket
	14	240-1002046	2	Pin
	15	240-1002049	2	Gasket
	16	240-1002044	2	Pin
	17	240-1002055	1	Cup 2.1-50 x 70-4
	18	240-1002065-A2	1	Distribution cover
	19	240-1002064-A	1	Distribution cover gasket
	20	240-1002082-A1	1	Filler neck gasket
	21	240-1002085	1	Strainer
	22	240-1002088-B	1	Branch pipe
	23	A19.01.003	1	Spring ring
	24	042-048-30-2-1	1	Ring
	25	A19.01.001	1	Plug
	26	M8x20	2	Bolt
	27	IIIИ 8	2	Washer
	28	240-1002311	1	Oil wiper ring
	29	240-1002315	1	Gland body
	30	240-1002305	1	Cup 1.1-100x125-4
	31	240-1002314	1	Rear sheet gasket
	32	240-1002320-B	1	Oil gauge
	33	240-1002328	2	Plug
	34	50-1002034	2	Setting pin
	35	50-1002318-B	2	Eye
	36	50-1002326-B	2	Plug
	37	240-1002323-B	1	Tube
	38	50-1002327-A	1	Plug
	39	240-1002015-A2-04	1	Cylinder block
	40	240-1002067-A	1	Bushing
41	240-1002068-A	1	Rear bushing	
42	240-1002069-A	1	Front bushing	
43	50-1005140-B	3	Main bearing cover	

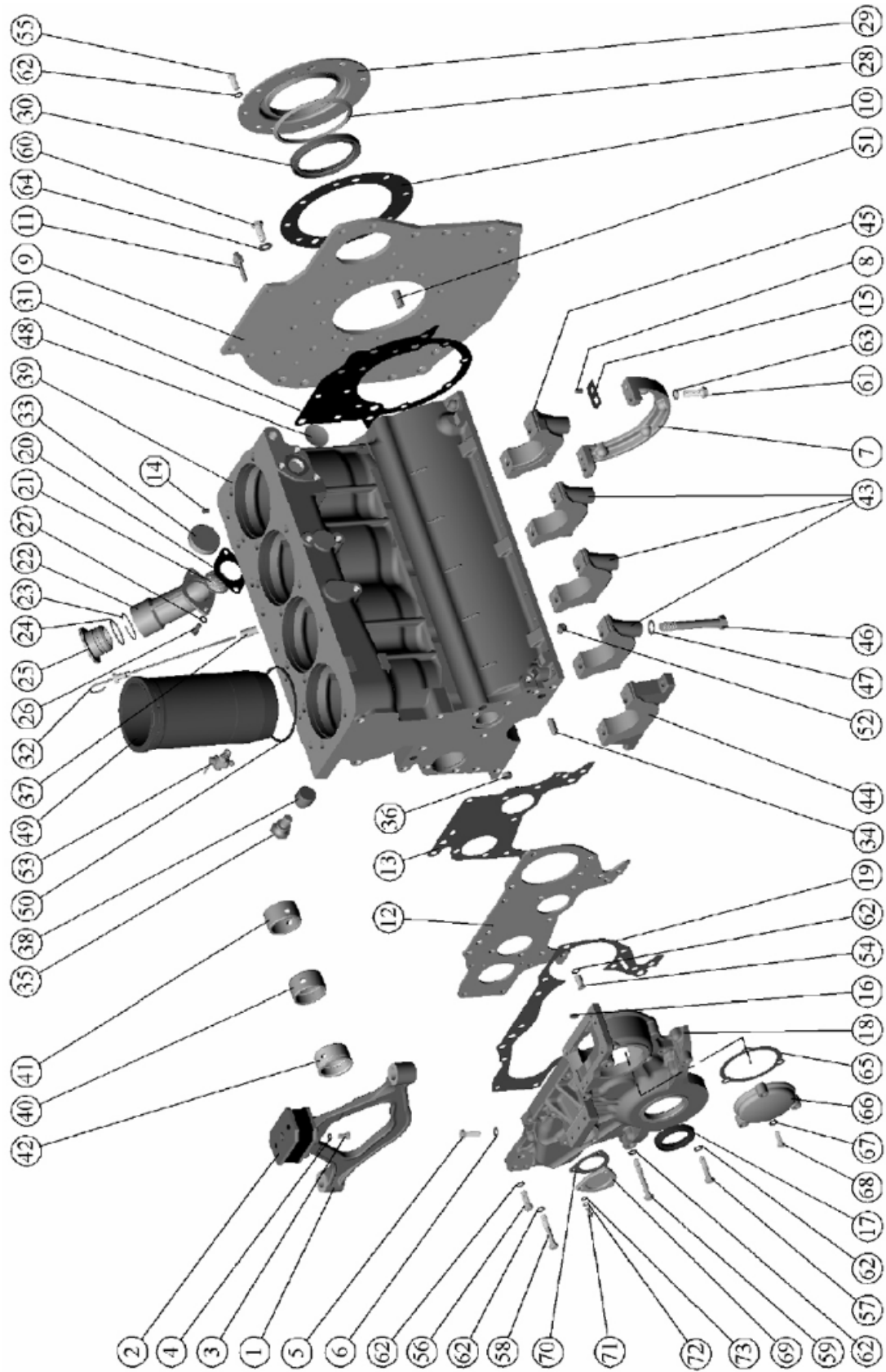


Figure 10.1. Suspension and cylinder block

Group 10. Engine mechanisms
Subgroup 1001, 1002. Suspension and cylinder block

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
10.1	44	50-1005141-Б	1	Cover of the 1 st main bearing
	45	50-1005152-B	1	Cover of the 5 th main bearing
	46	50-1005159-Б1	10	Main bearing cover bolt
	47	50-1005161	10	Washer
	48	45-08КП.Ц9.XP	1	Choke
	49	245-1002021-A1 or 245-1002021-A1-01 or 245-1002021-A1-02	4	Liner of the cylinder block
	50	50-1002022	8	Liner ring
	51	50-1005019	2	Pin
	52	КТ 1/8"А12.06	1	Plug
	53	ПЦ7-0	1	Cock
	54	M10x20	4	Bolt
	55	M10x25	8	Bolt
	56	M10x30	1	Bolt
	57	M10 x45	2	Bolt
	58	M10 x 60	1	Bolt
	59	M10x75	2	Bolt
	60	M12x30	7	Bolt
	61	M12x35	2	Bolt
	62	ШП 10	18	Washer
	63	ШП 12	2	Washer
	64	ШП 12	7	Washer
	65	240-1002038	1	Hatch gasket
	66	245-1002036	1	Hatch cover
	67	50-1022067	3	Seal ring
	68	M8x30	1	Bolt
	69	240-1002062	1	Cover
	70	50-1021012	1	Gasket
	71	M6x16	3	Bolt
	72	ШП 6	3	Washer
	73	ШП 6	3	Washer

**Group 10. Engine mechanisms
Subgroup 1003. Cylinder head. Valves and valve tappets**

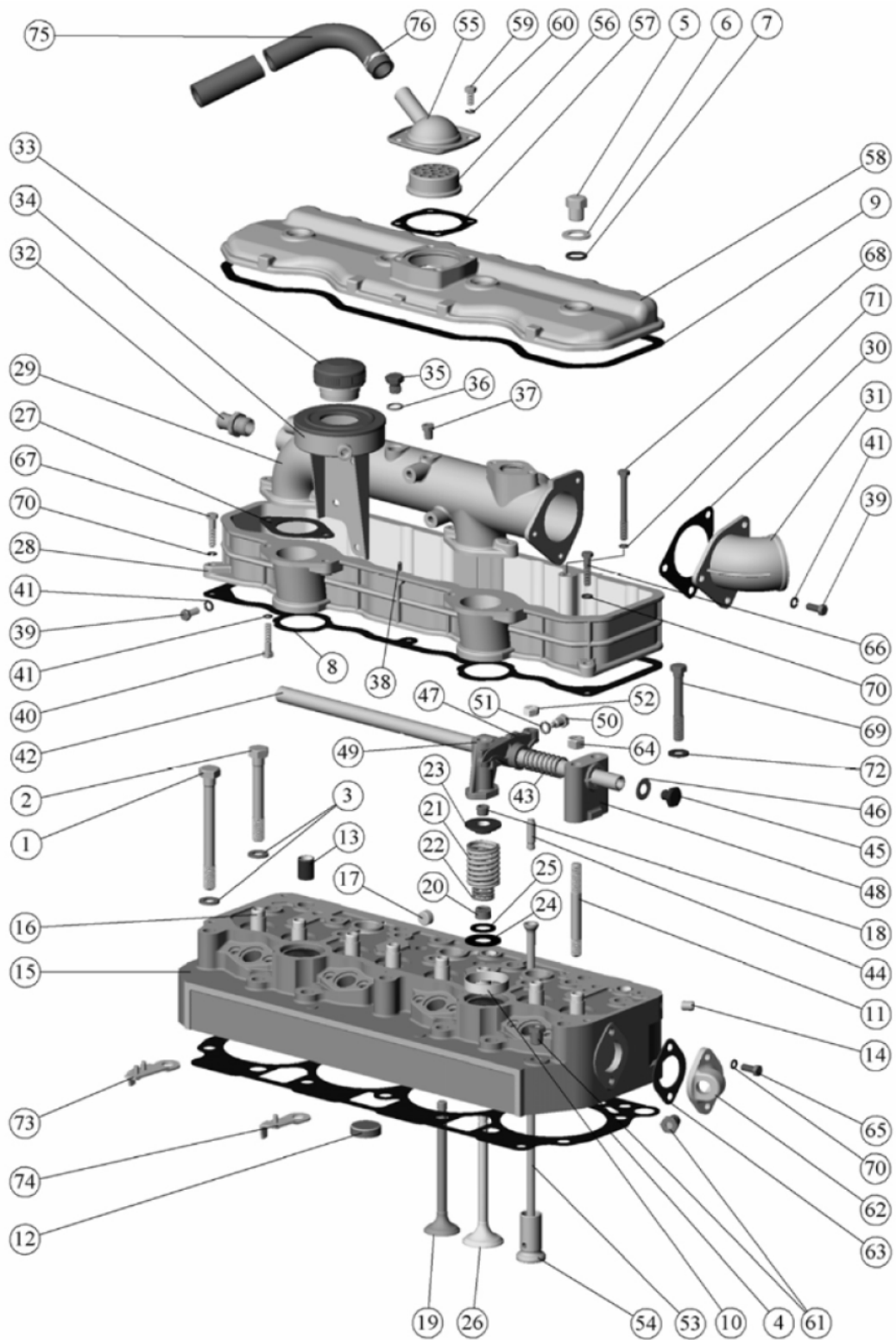


Figure 10.2. Cylinder head. Valves and valve tappets

Group 10. Engine mechanisms
Subgroup 1003. Cylinder head. Valves and valve tappets

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
10.2		240-1003010-A	1	Cylinder head assembly (1-76)
		240-1003011	1	Cylinder head (10-25)
		240-1003030-A-01	1	Cylinder head cover (27-41)
		240-1007100-B1	1	Rocker arm mechanism (42-52)
	1	240-1002047	12	Bolt
	2	240-1002047-01	4	Bolt
	3	48-1002318	16	Washer
	4	50-1003070-A5	1	Cylinder head gasket
	5	50-1003104-A	4	Hood nut
	6	50-1003106	4	Washer
	7	50-1003107-A-01	4	Ring
	8	240-1003108	1	Cylinder head gasket cover
	9	240-1003109	1	Cylinder head cover hood gasket
	10	50-1003103-A	2	Cage
	11	50-1003112	4	Pillar pin
	12	240-1003027-A2	5	Plug
	13	240-1003029	6	Bushing
	14	240-1003037	1	Plug
	15	240-1003015-A1	1	Cylinder head
	16	245-1007032	8	Valve guide
	17	Д02-003-A	4	Choke
	18	50-1007053-A1 or 50-1007053-A2	16	Valve cotter
	19	240-1007015-B6 or 240-1007015-B7 or 240-1007015-B9	4	Exhaust valve
	20	240-1007020	8	Valve seal cup
	21	240-1007045-A1 or (-A2, -A3, - A4, -A5, -A6, -A8)	8	Outer valve spring
	22	240-1007046-A1 or (-A3, -A4)	8	Inner valve spring
	23	240-1007048	8	Valve spring disk
	24	240-1007054	8	Lower valve spring washer
	25	240-1007055	8	Upper valve spring washer
	26	240-1007014-B4 or (-B7, -B8, - B9)	4	Intake valve
	27	240-1003031	2	Gasket
	28	240-1003032-A	1	Cylinder head cover
	29	240-1003033-14	1	Intake manifold
	30	240-1003264-A	1	Gasket
	31	243-1109210	1	Branch pipe
	33	240-3707200	1	Plug
	34	242-3707140-A	1	Bottle
	35	50-1117028	1	Threaded plug
	36	Д-18-055-A	1	Seal ring
	37	КГ 1/8". А12.016	1	Plug
	38	2.5[10	2	Pin
	39	M8x20	5	Bolt
40	M8x35	4	Bolt	
41	ШПН 8	9	Washer	
42	50-1007102-A1	1	Rocker arm shaft	

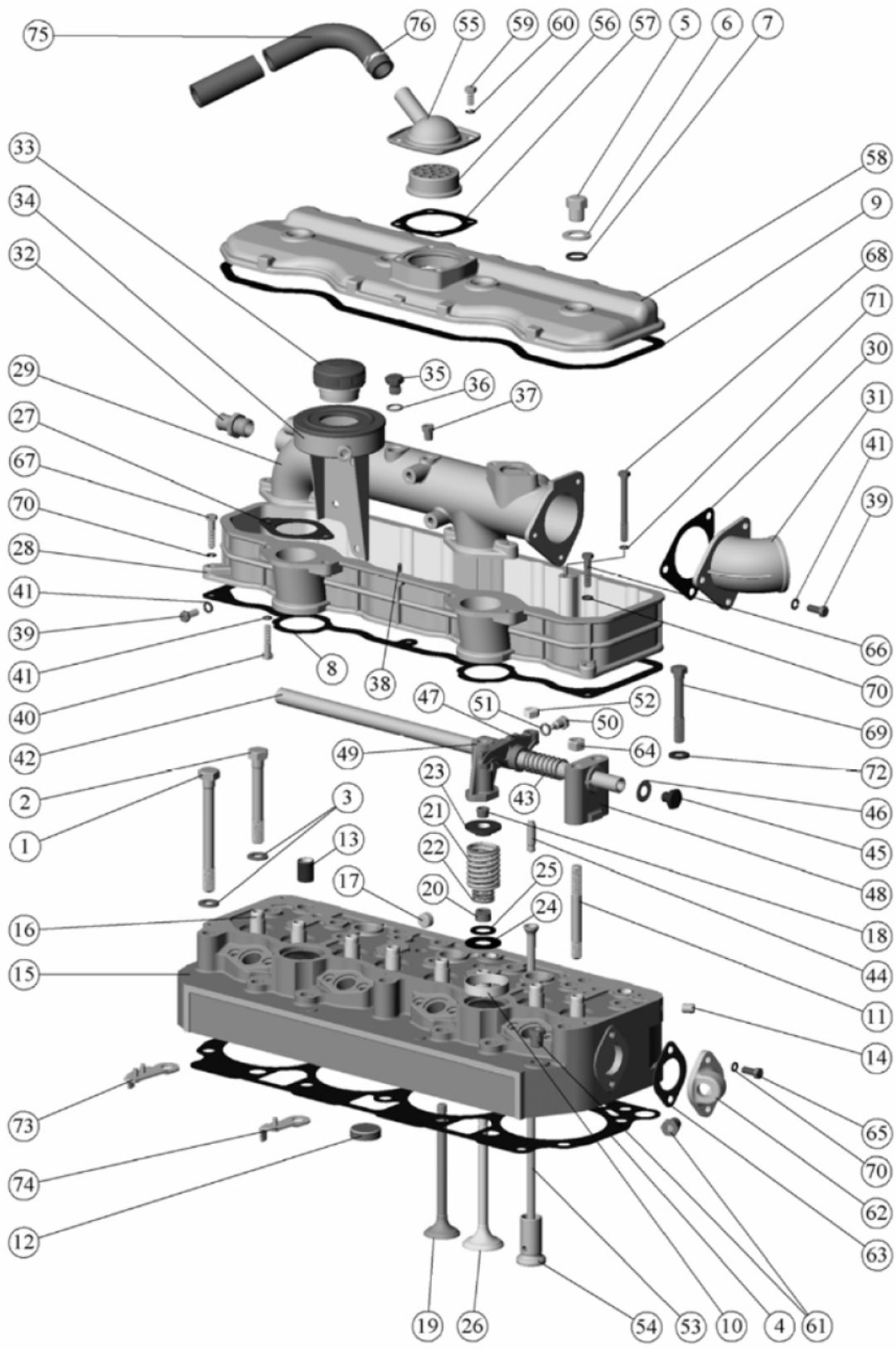


Figure 10.2. Cylinder head. Valves and valve tappets

Group 10. Engine mechanisms
Subgroup 1003. Cylinder head. Valves and valve tappets

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
10.2	43	50-1007103-A or 50-1007103-A1 or 50-1007103-A2	3	Rocker arm shaft spring
	44	50-1007175-B1	8	Adjusting screw
	45	50-1007182	2	Rocker arm shaft plug
	46	50-1007183	2	Plug washer
	47	50-1007212-A3 or 50-1007212-A4	8	Rocker arm of the valve with bushing
	48	240-1007151-B-01 240-1007151-B	1	Outer rocker arm shaft bracket (not shown)
	49	240-1007152-B-01 240-1007152-B	1	Middle rocker arm shaft bracket (not shown)
	50	240-1007185	1	Rocker arm shaft catch
	51	ШП 10	1	Washer
	52	Д02-063	8	Nut
	53	240-1007310-B or 240-1007310-B1	8	Bar
	54	240-1007375-A or 240-1007375-A1 or 240-1007375-A2	8	Valve tappet
	55	240-1002430-Г	1	Breather casing with tube
	56	240-1002440	1	Filter
	57	240-1002444-A1	1	Gasket
	58	240-1003122-B	1	Cover hood
	59	M8x16	4	Bolt
	60	ШП 8	4	Washer
	61	КТ 3/8"	2	Plug
	62	70-8115022-A	1	Branch pipe
	63	50-1015598	1	Branch pipe gasket
	64	M12-6H6(318)	4	Nut
	65	M8x20	2	Bolt
	66	M8x30	1	Bolt
	67	M8x35	2	Bolt
	68	M8 x 80 240-1022070-03	1	Bolt
	69	M12 x 85	1	Bolt
	70	ШП 8	5	Washer
	71	ШЧ 8	1	Washer
	72	ШЧ 12	2	Washer
73	240-1111115-A	1	Bracket	
74	240-111125-A1	1	Bracket	
75	HOSE PIPE 20 x 29-1.6	1	Hose pipe 20x29-1.6 l=900 mm	
76	20-32 "NORMA" or XC-26.019	1	Clamp	

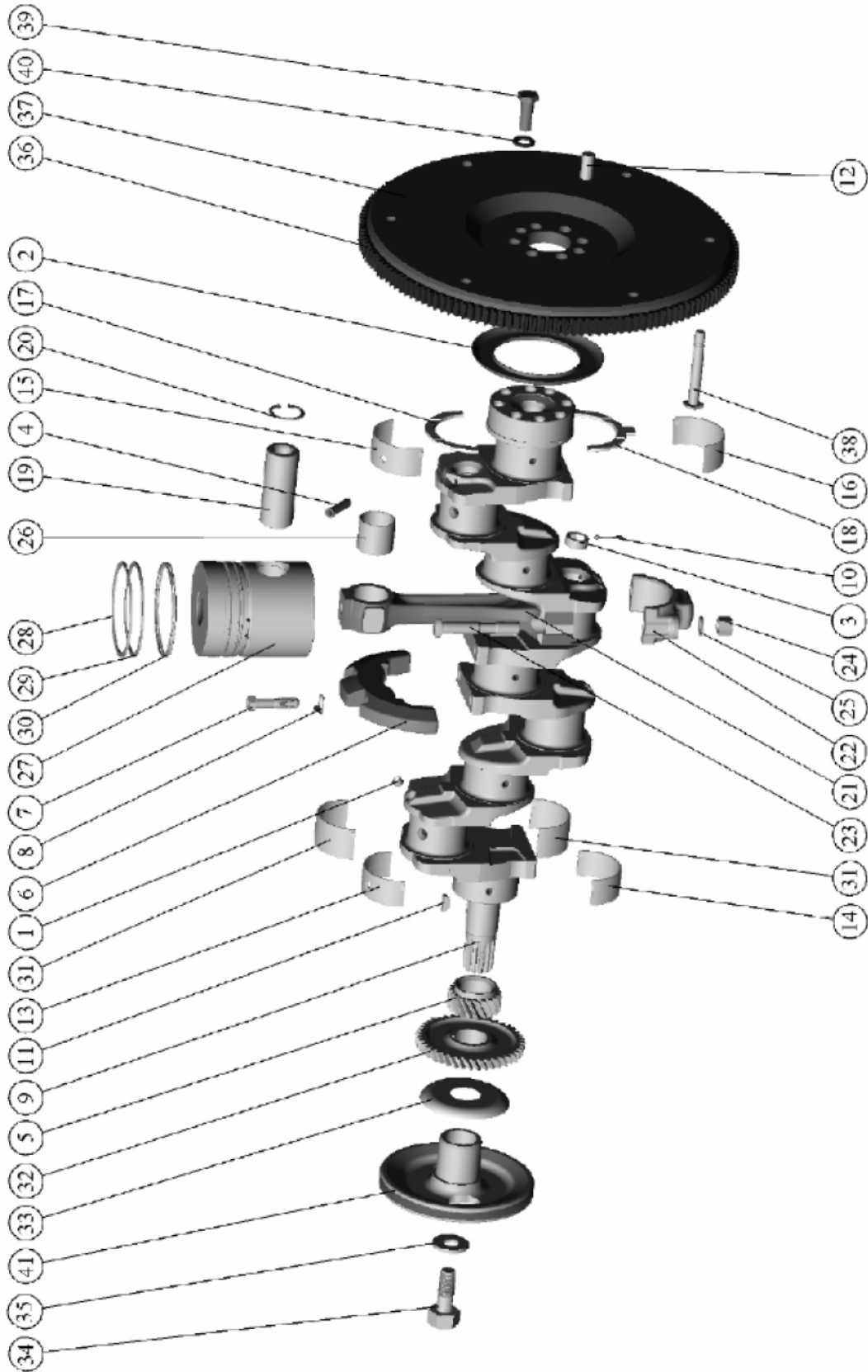


Figure 10.3. Pistons and connecting rods, crankshaft and flywheel

Group 10. Engine mechanisms
Subgroup 1004, 1005. Pistons and connecting rods, crankshaft and flywheel

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
10.3		240-1005015-B-04	1	Crankshaft (1-12)
		A23.01-81-240 Тс6Н1 or A23.01-81-240 СБАЧН1	1	Crankshaft bearing liners kit (13-18)
		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	4	Piston with connecting rod (19-30)
	1	50-1005021-A	5	Choke
	2	50-1005043	1	Rear oil baffle of the crankshaft
	3	50-1005157-B	4	Choke
	4	50-1005191-A	4	Crankshaft tube
	5	240-1005030-A1 or 240-105030-A	1	Crankshaft distribution gear
	6	240-1005017	4	Crankshaft counterweight
	7	240-1005018	8	Counterweight fastening bolt
	8	240-1005024	8	Locking plate
	9	240-1005020-B1	1	Crankshaft
	10	4x22	4	Cotter pin
	11	6x9	2	Key
	12	50-1005019	1	Pin
	13	A23.01-81.037 or A23.01-8116	4	Crankshaft bearing liner
	14	A23.01-81.038 or A23.01-8117	4	Crankshaft bearing liner
	15	A23.01-81.040 or A23.01-8118	1	Crankshaft bearing liner
	16	A23.01-81.039 or A23.01-8119	1	Crankshaft bearing liner
	17	A23.01-10401	2	Semiring
	18	A23.01-10403	2	Semiring
	19	50-1004042-A1	4	Piston pin
	20	240-1004022	8	Piston pin stop ring
	21	240-1004112	4	Connecting rod
	22	240-1004125	4	Connecting rod cover
	23	50-1004182-A1 or 50-1004182-A2	8	Bolt de connecting rod (a20.07.002)
	24	50-1004188	8	Connecting rod bolt nut (a20.03.001)
	25	245-1004190	8	Washer
	26	240-1004115-A	4	Small end bushing
27	260-1004021-E or 260-1004021-E-01 or 260-1004021-E-02 or A260-1004021-E or K.3431Ч-3	4	Piston	
28	260-1004062 or 14-110-30-02	4	Compression ring	
29	260-1004063 or 30-110-25-02	4	Compression ring	

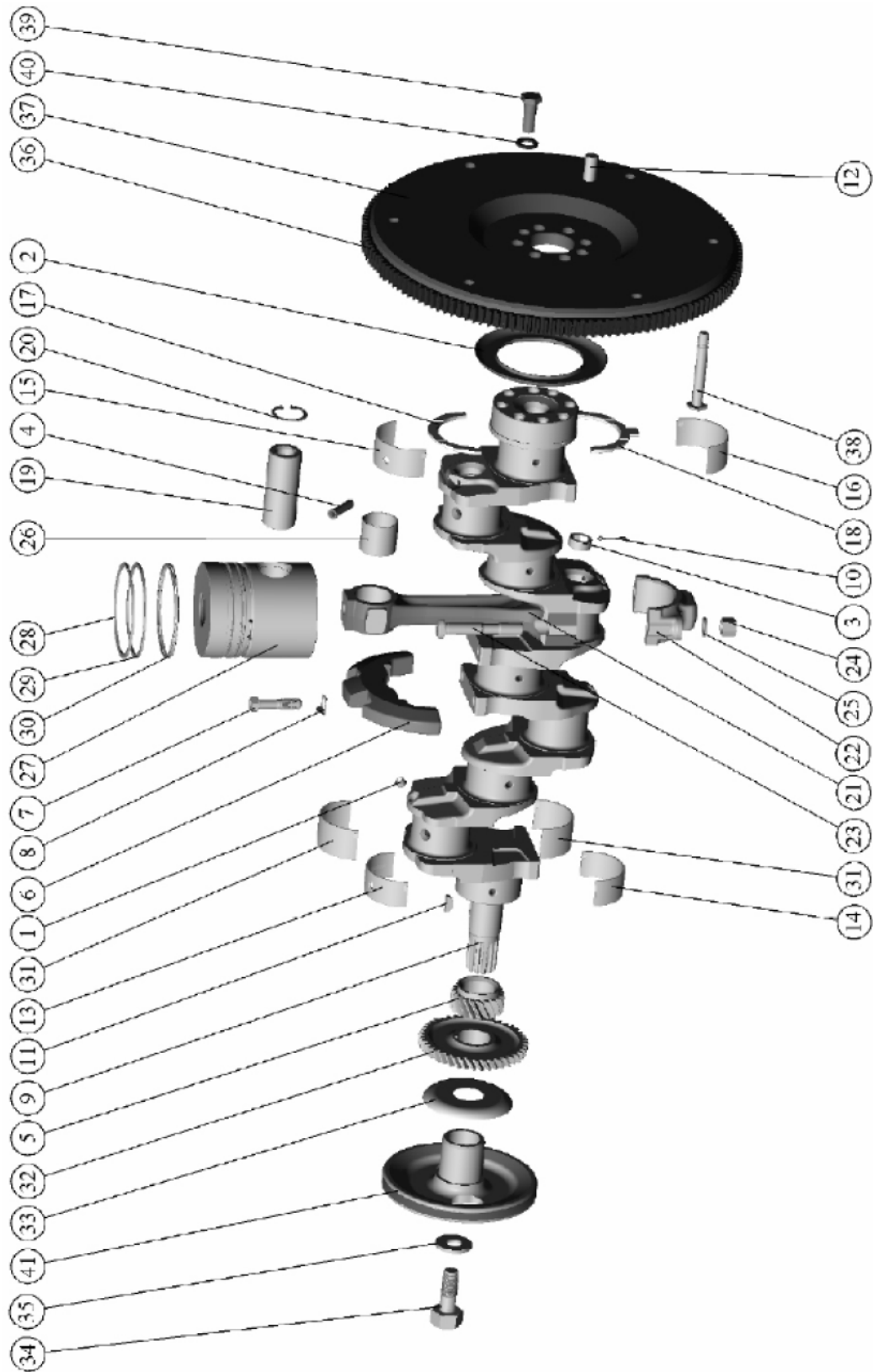


Figure 10.3. Pistons and connecting rods, crankshaft and flywheel

Group 10. Engine mechanisms**Subgroup 1004, 1005. Pistons and connecting rods. Crankshaft and flywheel**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
10.3	30	260-1004080 or 64-110-50-02	4	Oil wiper ring
	31	A23.01-74.014 or A23.01-7403	8	Connecting rod liner
	32	240-1005033-JI-01 or 240-1005033-01	1	Oil pump driving gear
	33	50-1005042	1	Front oil baffle of the crankshaft
	34	50-1005054	1	Crankshaft bolt
	35	50-1005055-A	1	Crankshaft bolt washer
	36	50-1005121-A	1	Flywheel ring gear
	37	240-1005120	1	Flywheel
	38	240-1005122	6	Pin
	39	50-1005127-A	7	Flywheel fastening bolt
	40	48-1002318	7	Washer
41	240-1005131-Г	1	Crankshaft pulley	

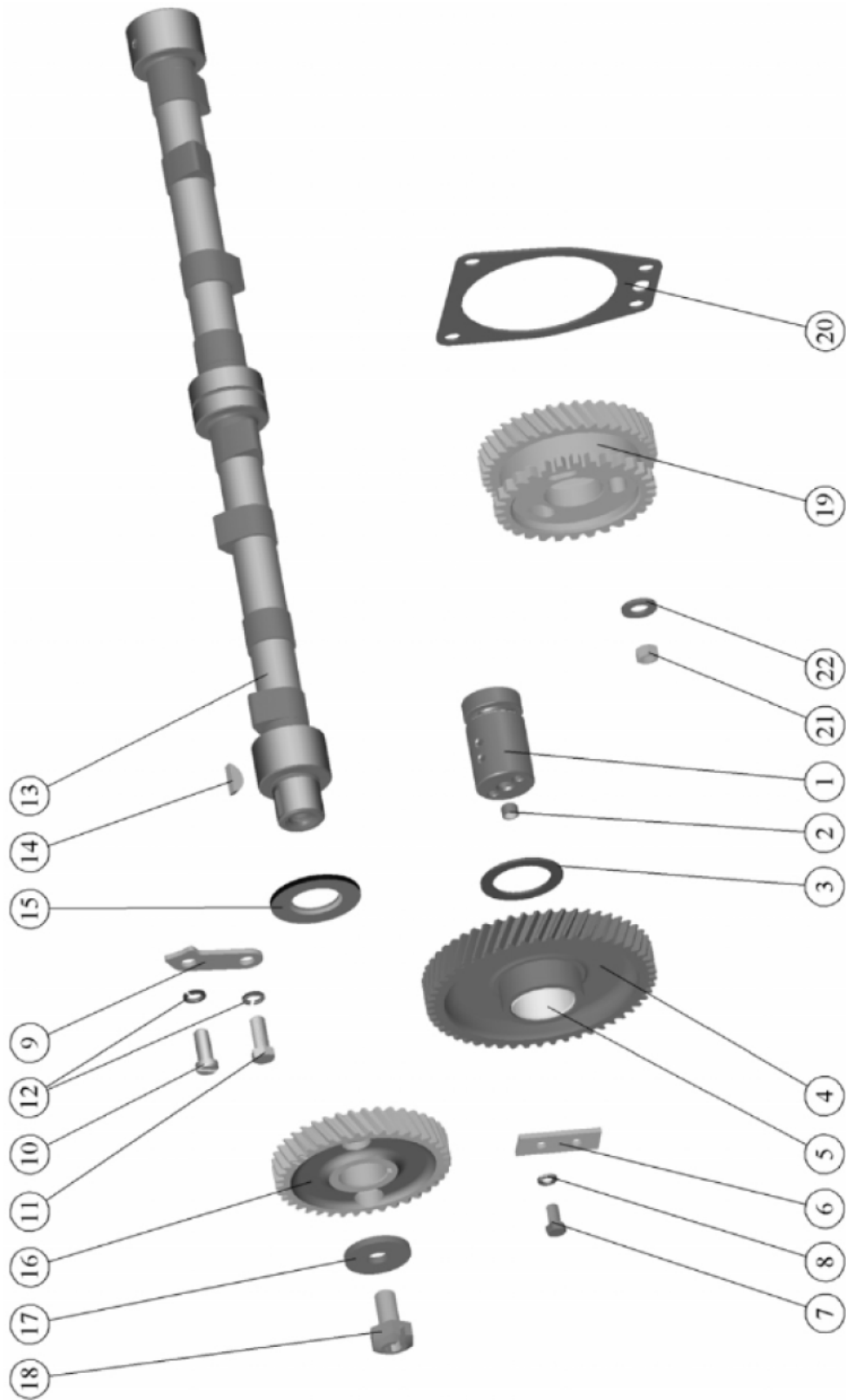


Figure 10.4. Timing gear

Group 10. Engine mechanisms
Subgroup 1006. Timing gear

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
10.4		240-1006240-A1 or 240-1006240-A	1	Intermediate gear with bushing (4, 5)
		240-1006010	1	Shaft (13-18)
	1	50-1006252-B1	1	Intermediate gear pin
	2	50-1005021-A	1	Choke
	3	50-1006253	1	Thrust ring
	4	240-1006244-B	1	Intermediate gear
	5	240-1006246	1	Bushing
	6	50-1006254	1	Slat
	7	M8x16	1	Bolt
	8	ШПЧ 8	1	Washer
	9	50-1006021-B	1	Thrust washer
	10	50-1006247	1	Special screw
	11	M10x30	1	Bolt
	12	ШПЧ 10	1	Washer
	13	240-1006015-A	1	Camshaft
	14	6 x 9	1	Key
	15	50-1006017-B	1	Washer
	16	240-1006214-A1	1	Camshaft gear
	17	50-1006018	1	Camshaft thrust washer
	18	245-1006020	1	Special bolt
	19	245-1006311-B or 245-1006311-B1	1	Oil pump driving gear
	20	50-1006315-B4	1	Gasket
21	M10	3	Nut	
22	260-1111208	3	Washer	

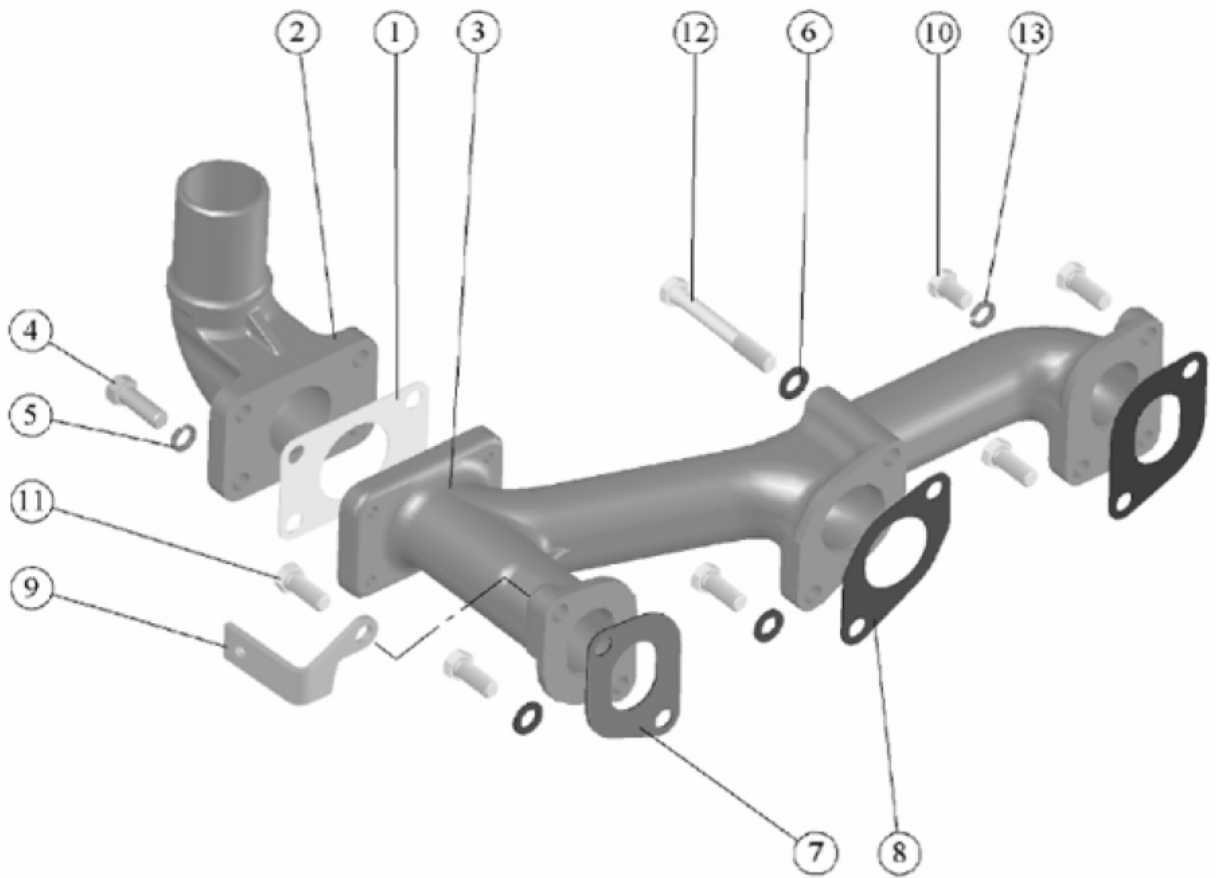


Figure 10.5. Exhaust manifold assembly

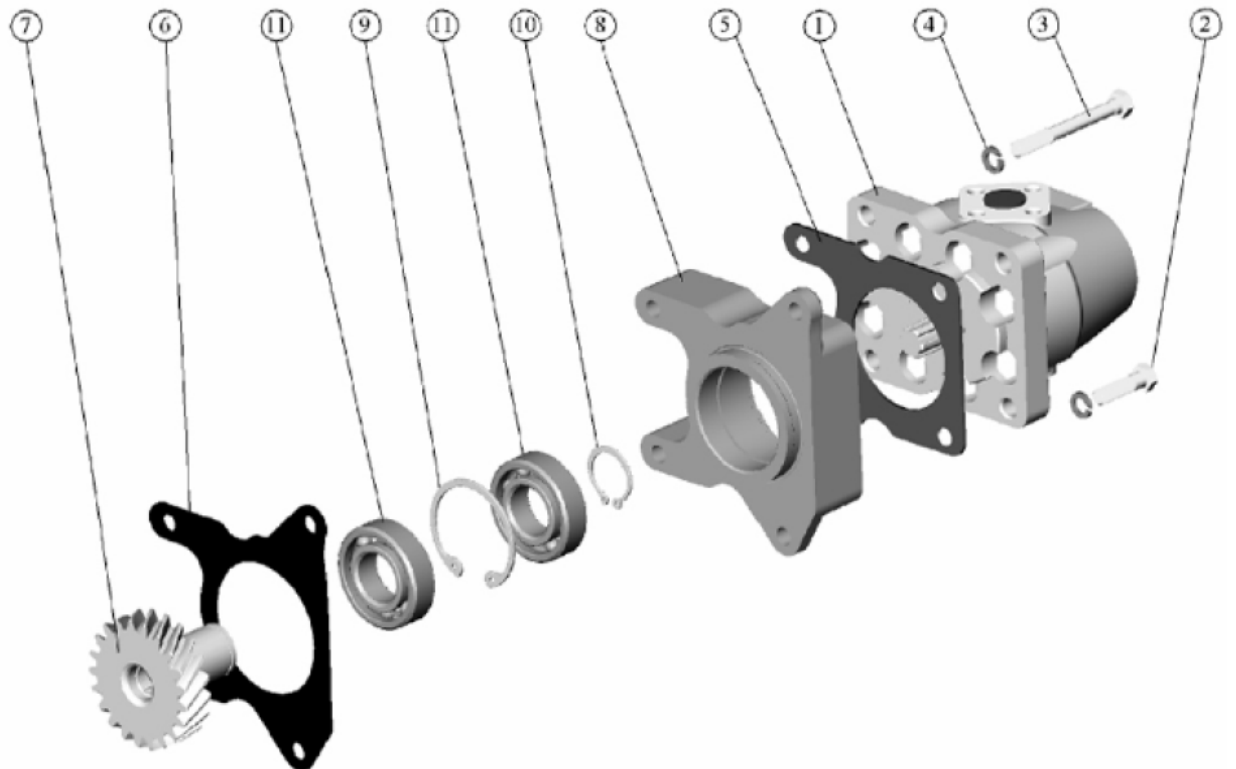


Figure 10.6. Steering pump assembly

Group 10. Engine mechanisms
Subgroup 1008. Exhaust manifold assembly

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
10.5		240-1008010-A2-02	1	Exhaust manifold (1-13)
		240-1008015-A1	1	Manifold (1-5)
	1	50-1008028	1	Gasket
	2	240-1008021-B1	1	Adaptor
	3	240-1008025-A	1	Exhaust manifold
	4	245-1008023-A	4	Bolt
	5	12 65Г06	4	Washer
	6	245-3701069	3	Washer
	7	50-1008026-B	2	Outer gasket of the exhaust manifold
	8	50-1008027-B	1	Inner gasket of the exhaust manifold
	9	70-3407164	1	Bracket
	10	M12x20 or M12x25	1	Bolt
	11	M12x35	5	Bolt
12	M12 x 85	1	Bolt	
13	IIIPI 12	1	Washer	

Group 10. Engine mechanisms
Subgroup 1022. Steering pump assembly

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
10.6		240-1022040	1	Gear pump assembly (1-11)
		240-1022030	1	Hydraulic pump drive (7-11)
	1	IIIPI 10-3JI or IIIPI 14-3JI	1	Gear pump
	2	M8x30	4	Bolt
	3	M8x70	1	Bolt
	4	IIIPI 8	5	Washer
	5	240-1022062	1	Gasket
	6	240-1022075-A1	1	Gasket
	7	240-1022061-B	1	Hydraulic pump driving gear
	8	240-1022069	1	Casing
	9	240-1307064-01 or A52	1	Locking ring
10	B25	1	Ring	
11	205K	2	Ball bearing	

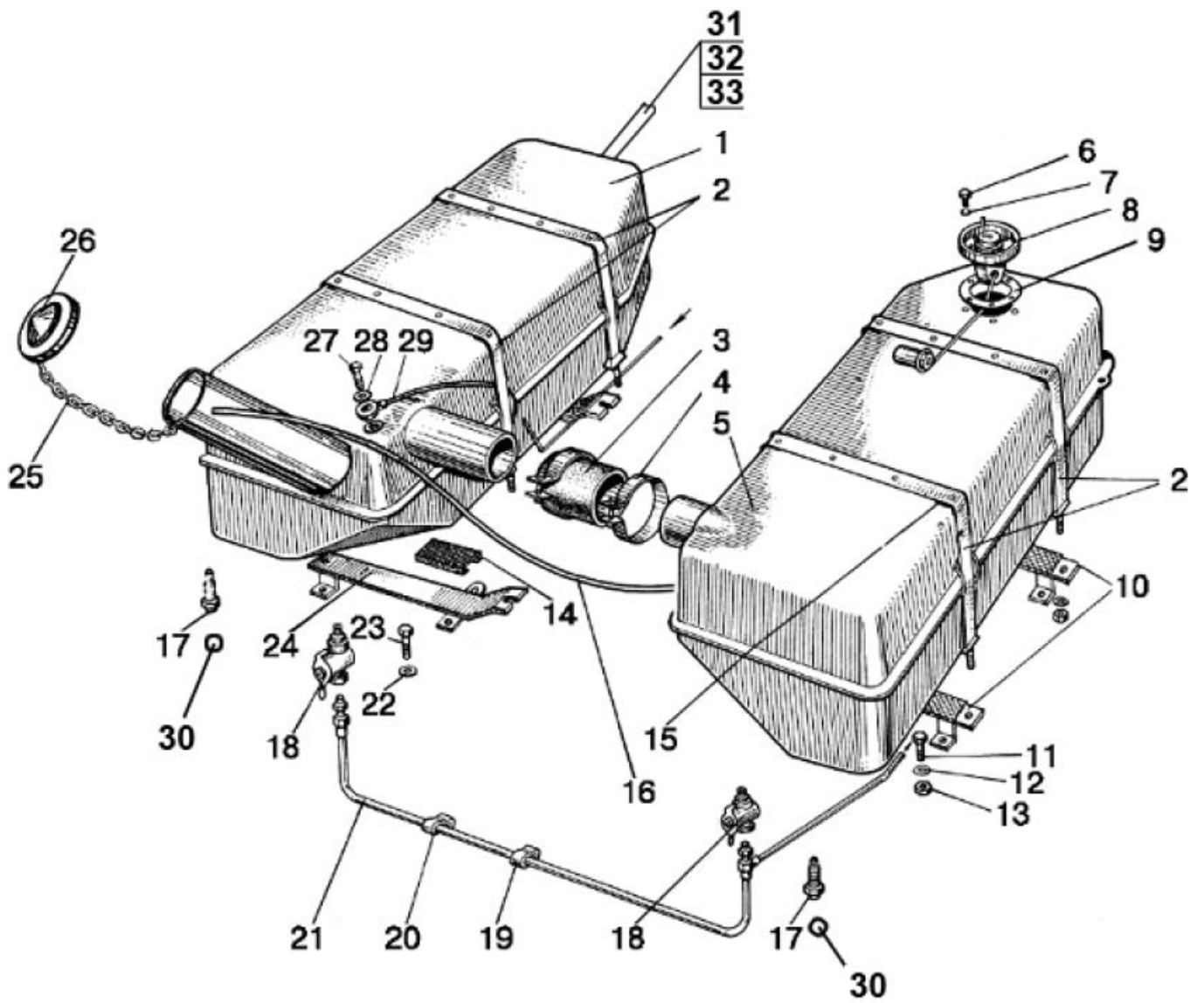


Figure 11.1. Fuel tanks (metallic)

**Group 11. Feeding system.
Subgroup 1101. Fuel tanks (metallic)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.1		70-1101005	1	Tanks
	1	70-1101020	1	Tank (metallic)
	2	70-1101070	4	Clamp
	3	70-1101035-Б	1	Hose pipe
	4	XC-66	2	Clamp
		70-1101010	1	Tank
		80-1101520	1	Plastic tank
	6	BM 5 x 12	5	Screw
	7	80-1101067	5	Washer
	8	AP70.3827 or ДУМП-21М	1	Fuel level sensor
	9	200-3806026	1	Gasket
	10	80-1101250-Б	2	Right-hand bracket
	11	M10 x2 5	12	Bolt
	12	ШП 10	12	Washer
	13	M10	12	Nut
	14	80-1101012-Б	8	Gasket
	15	ПП-36-01	8	Gasket
	16	85-1101002-02	1	Tube
	17	822-1101081	2	Connecting pipe
	18	ПП6-	2	Cock
	19	70-1101042	2	Clamp
	20	50-1111102-01	2	Gasket
	21	920П-1101210	1	Fuel pipeline
	22	ШП 12	8	Washer
	23	M12x30	8	Bolt
	24	80-1101280-Б	2	Left-hand bracket
	25	36-1101070	1	Chain
	26	082-1103010	1	Plug
	27	36-1104787	1	Bolt
	28	36-1104788	2	Gasket
	29	920-1101160-01	1	Fuel pipeline
	30	11,113-100	1	Ball
	31	920П-1101240-05	1	Fuel pipeline
32	Д18-051	1	Bolt	
33	Д18-055А-01	2	Seal ring	

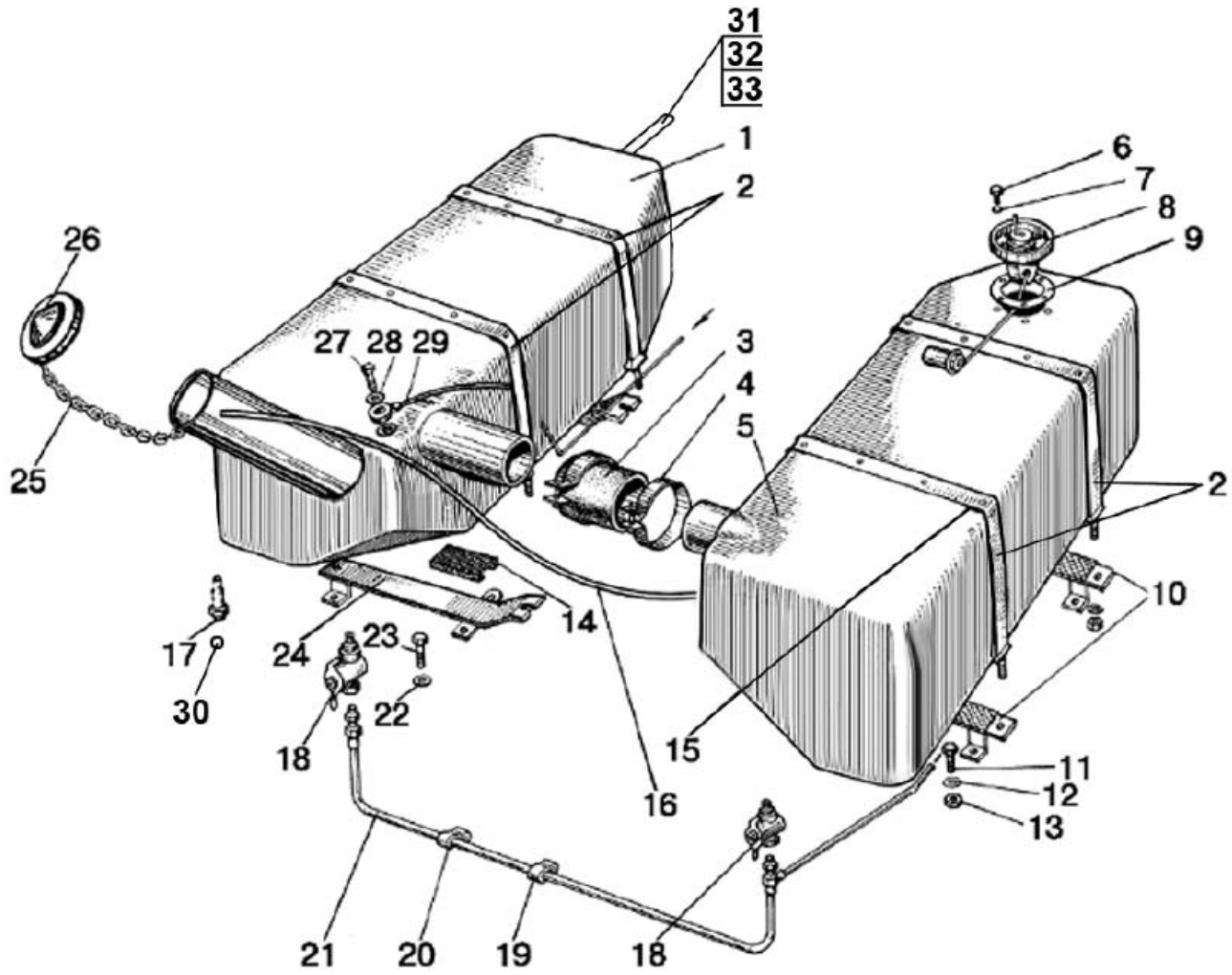
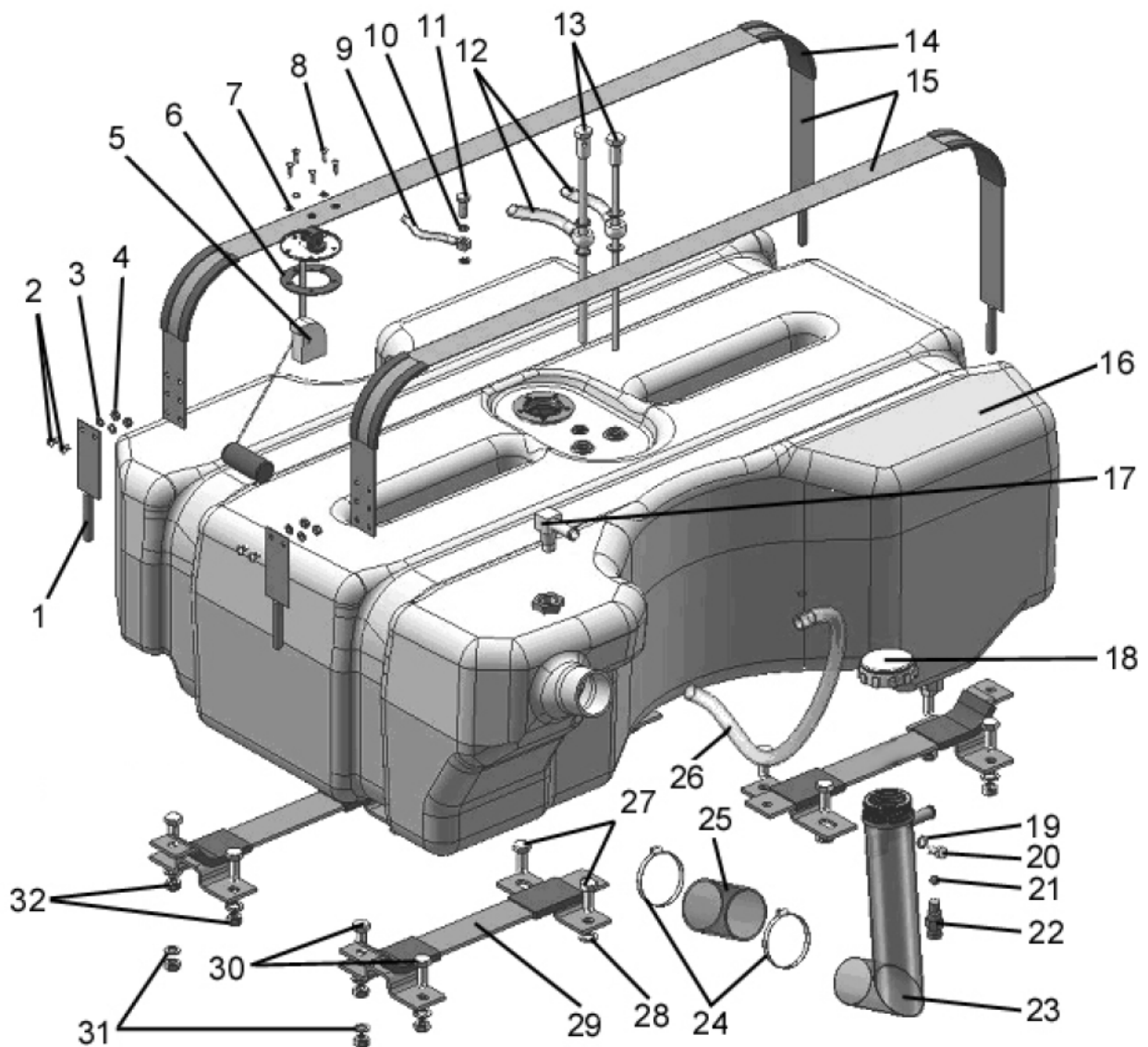


Figure 11.2 Fuel tanks (plastic)

**Group 11. Feeding system.
Subgroup 1101. Fuel tanks (plastic)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.2		70-1101005	1	Tanks
	1	80-1101510	1	Plastic tank
	2	70-1101070	4	Clamp
	3	70-1101035-Б	1	Hose pipe
	4	XC-66	2	Clamp
	5	80-1101520	1	Plastic tank
	6	BM 5 x 12	5	Screw
	7	80-1101067	5	Washer
	8	AP70.3827 or ДУМП-21М	1	Fuel level sensor
	9	200-3806026	1	Gasket
	10	80-1101250-Б	2	Right-hand bracket
	11	M10x25	12	Bolt
	12	ШП 10	12	Washer
	13	M10	12	Nut
	14	80-1101012-Б	8	Gasket
	15	ПП-36-01	8	Gasket
	16	80-8101015-02	1	Tube
	17	822-1101081	1	Connecting pipe
	18	ПП6-	2	Cock
	19	70-1101042	2	Clamp
	20	50-1111102-01	2	Gasket
	21	920П-1101210	1	Fuel pipeline
	22	ШП 12	8	Washer
	23	M12x30	8	Bolt
	24	80-1101280-Б	2	Left-hand bracket
	25	36-1101070	1	Chain
	26	082-1103010	1	Plug
	27	36-1104787	1	Bolt
	28	36-1104788	2	Gasket
	29	920-1101160-05	1	Fuel pipeline
	30	11,113-100	1	Ball
	31	920П-1101240-05	1	Fuel pipeline
	32	Д18-051	1	Bolt
33	Д18-055А-01	2	Seal ring	



Fuel tank (for Belarus-82II tractor)

**Group 11. Feeding system
Subgroup 1101. Fuel tank (for Belarus-82II tractor)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.3	1	1221-1101690-01	2	Clamp
	2	BM6x10	4	Screw
	3	ШШ 6	4	Washer
	4	M6	4	Nut
	5	ДУМІІ-22М	1	Fuel level gauge sensor
	6	200-3806026	1	Gasket
	7	80-1101067	5	Washer
	8	BM5x16	5	Screw
	9	85-1101240	1	Tube
	10	36-1104788	2	Gasket
	11	36-1104787	1	Bolt
	12	1221-1101480	2	Fuel pipeline
	13	1221-1101530	2	Fuel intake
	14	ПП-43-03	4	Seal
	15	1221-1101690	2	Clamp
	16	1221-1101510	1	Tank
	17	1221-1101610	1	Angle piece
	18	082-1103010	1	Cover
	19	ШШ 6	1	Washer
	20	M8x20	1	Bolt
	21	11.112-100	1	Ball
	22	822-1101081	1	Connecting pipe
	23	920-1101260	1	Filler neck
	24	XC-66	1	Clamp
	25	70-1101035-Б	1	Hose pipe
	26	85-1101002	1	Tube
	27	M12 x 36	8	Bolt
	28	ШШ 12	8	Washer
	29	1221-1101430	4	Bracket
	30	M10x25	8	Bolt
	31	ШШ 10	12	Washer
	32	M10	12	Nut

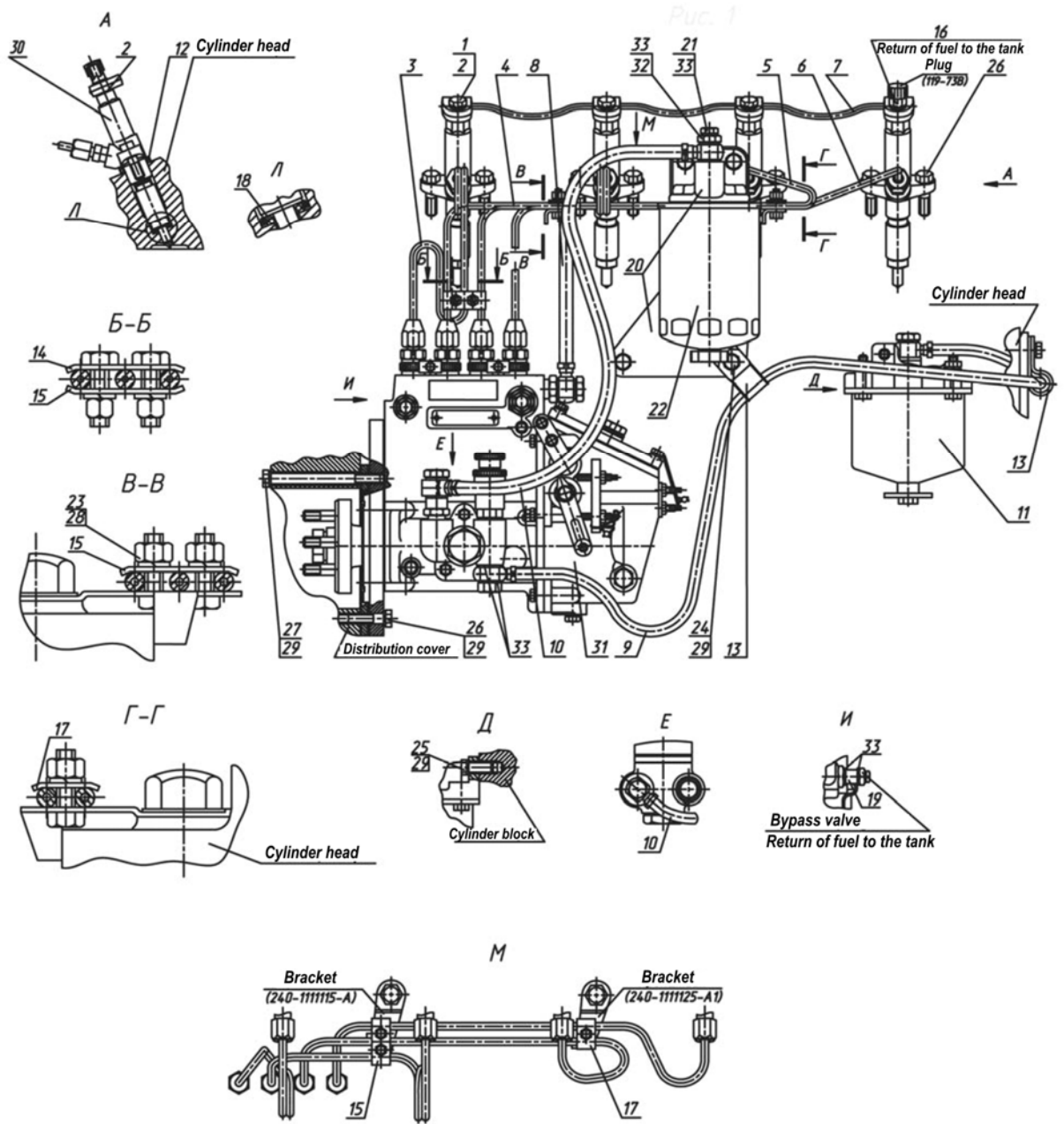


Figure 11.4. Fuel equipment assembly (for Д-243 engine)

Group 11. Feeding system

Subgroup 111. Fuel equipment assembly (for Д-243 engine)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.4		240-1111000-A1	1	Fuel equipment assembly
	1	36-1104787	3	Connecting pipe bolt
	2	36-1104788	8	Gasket
	3	240-1104300-01	1	Fuel injection pipe
	4	240-1104300-02	1	Fuel injection pipe
	5	240-1104300-03	1	Fuel injection pipe
	6	240-1104300-04	1	Fuel injection pipe
	7	240-1104320-A2-02	1	Fuel draining pipeline
	8	245-1104180-A-02	1	Low-pressure fuel pipe
	9	245-1104180-A-06	1	Low-pressure fuel pipe
	10	245-1104180-A-10	1	Low-pressure fuel pipe
	11	240-1105010	1	Preliminary fuel filter
	12	240-1111036-Б1	4	Protective ring
	13	240-1111101-Б	2	Buckle
	14	240-1111105	1	Block
	15	240-1111106	2	Block
	16	240-1111112	1	Connecting pipe
	17	240-1111114	1	Block
	18	245-1111020	4	Screen gasket
	19	245-1111113	1	Protective bush
	20	245-1117010-Г	1	Casing assembly
	21	245-1117105	1	Connecting pipe with plug
	22	ФТ020-1117010	1	Fuel filter
	23	M6-6H	5	Nut
	24	M10-6gX 20	3	Bolt
	25	M10-6gX25	2	Bolt
	26	M10-6gX 35	10	Bolt
	27	M10-6gX120	2	Bolt
	28	6 65Г 06	5	Washer
	29	10 65Г06	11	Washer
	30	171.1112010-02	4	Injector
	31	4УТНИ-1111007-420	1	Fuel pump (Д-243)
		4УТНИ-1111007-411	1	Fuel pump (Д-242)
4УТНИ-1111007-431		1	Fuel pump (Д-244)	
32	Д18-051-А	1	Rotary angle piece bolt	
33	Д18-055-А	12	Seal ring	

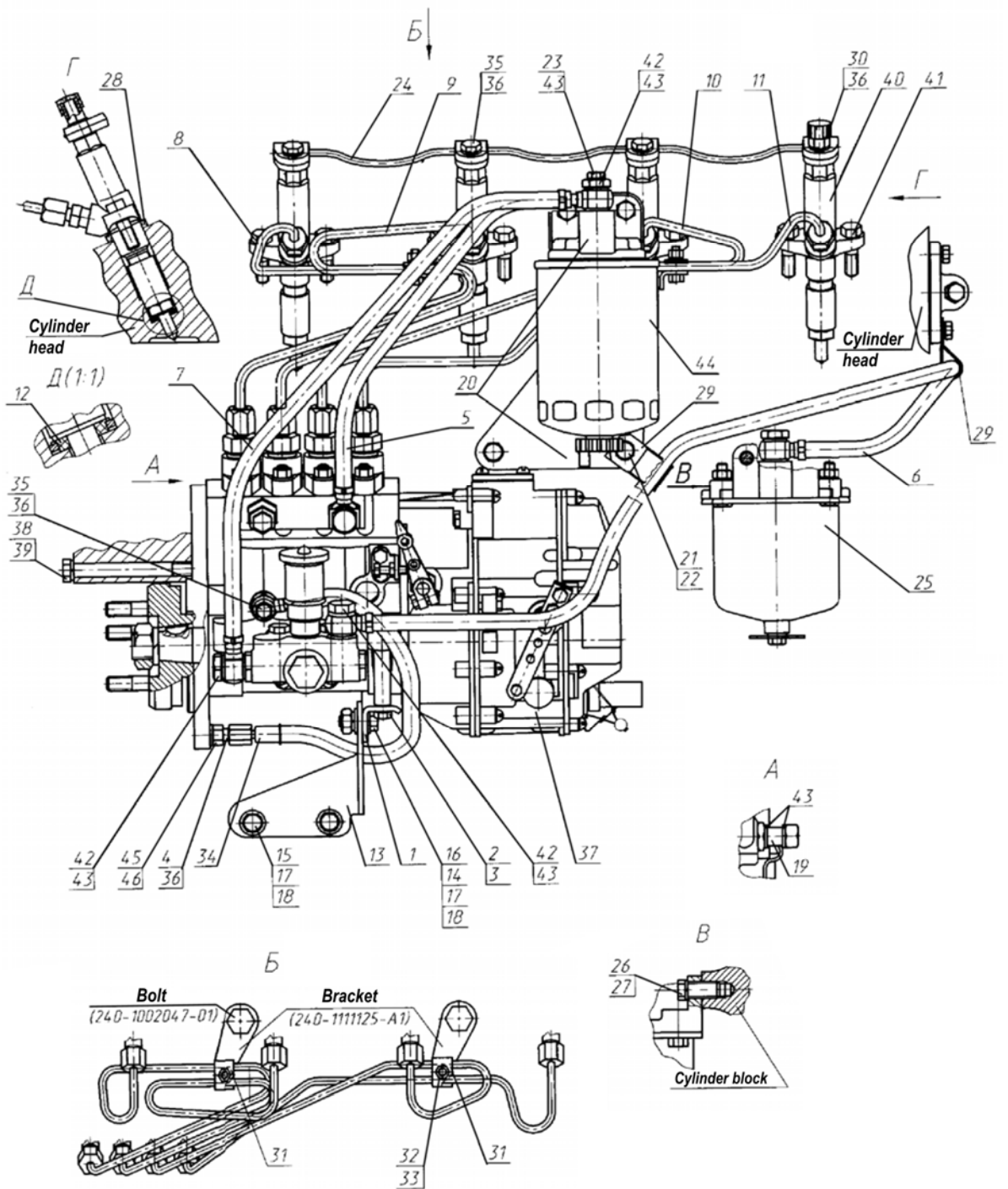


Figure 11.5. Fuel equipment assembly (for Д-243С engine with a fuel pump manufactured by YAZDA Open Joint-Stock Company)

Group 11. Feeding system.

Subgroup 1104, 1111. Fuel equipment assembly (for Д-243С engine with a fuel pump manufactured by YAZDA Open Joint-Stock Company).

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.5		240-1111000-C1	1	Fuel equipment assembly
	1	260-1111109-E	1	Bracket
	2	M8x20	2	Bolt
	3	8.65Г.06	2	Washer
	4	260-3509232-01	1	Connecting pipe
	5	245-1104180-A-03	1	Low-pressure fuel pipe (l=455 mm)
	6	245-1104180-A-06	1	Low-pressure fuel pipe (l=1045 mm)
	7	245-1104180-A-09	1	Low-pressure fuel pipe (l=550 mm)
	8	245-1104300-Г	1	Fuel injection pipe of the 1 st cylinder
	9	245-1104300-Г-01	1	Fuel injection pipe of the 2 nd cylinder
	10	245-1104300-Г-02	1	Fuel injection pipe of the 3 rd cylinder
	11	245-1104300-Г-03	1	Fuel injection pipe of the 4 th cylinder
	12	245-1111020	4	Screen gasket
	13	245-1111108-Д	1	Bracket
	14	M10	1	Nut
	15	M10x20	2	Bolt
	16	M10x25	1	Bolt
	17	10.01.08КП.016	4	Washer
	18	10.65Г.06	3	Washer
	19	245-1111113	1	Protective bush
	20	245-1117010-Г	1	Fuel filter casing
	21	M10x20	2	Bolt
	22	10.65Г.06	2	Washer
	23	245-1117105	1	Connecting pipe with plug
	24	240-1104320-A2-02	1	Fuel draining pipeline
	25	240-1105010	1	Preliminary fuel filter
	26	M10x25	3	Bolt
	27	10.65Г.06	3	Washer
	28	240-1111036-Б1	4	Protective ring
	29	240-1111101-Б	2	Buckle
	30	240-1111112	1	Connecting pipe
	31	240-1111114	2	Block
	32	M6-6H.6.016(310)	2	Nut
	33	6.65Г.06	2	Washer
	34	240-3509150	1	Oil pipeline (l=352 mm)
	35	36-1104787	4	Connecting pipe bolt
	36	36-1104788	11	Gasket
	37	772.1111005	1	Fuel pump
	38	M10x120	2	Bolt
	39	10.65Г.06	2	Washer
	40	171.1112010-01	4	Injector
	41	M10x35	8	Bolt
	42	Д18-051-A	4	Rotary angle piece bolt
	43	Д18-055-A	12	Seal ring
	44	ΦТ020-1117010	1	Fuel filter
	45	M10x35	2	Bolt
	46	10.65Г.06	2	Washer

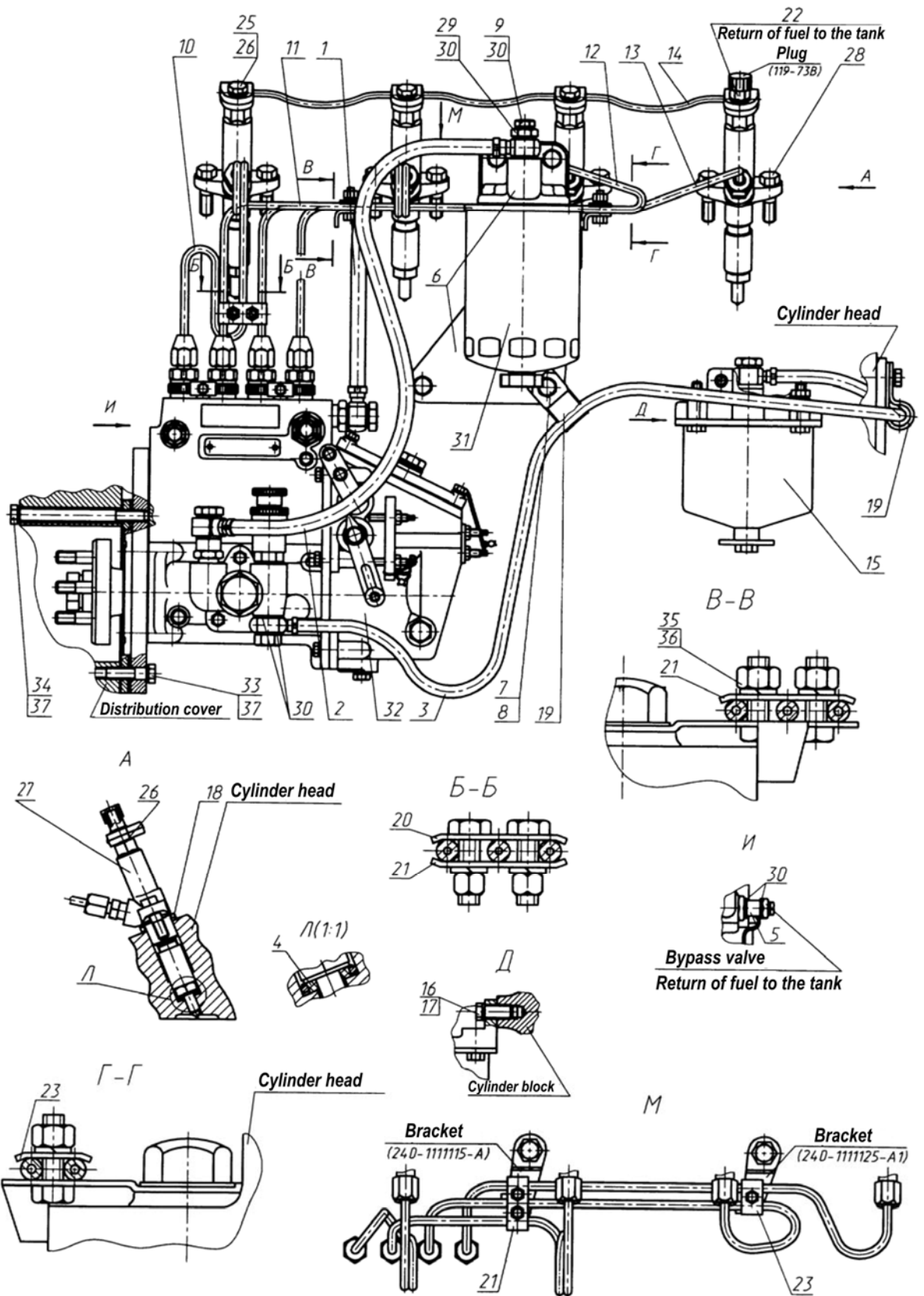


Figure 11.6. Fuel equipment assembly (for Д-243С engine with a fuel pump manufactured by NZTA Open Joint-Stock Company)

For the remaining positions, please, see Figure 11.6 П

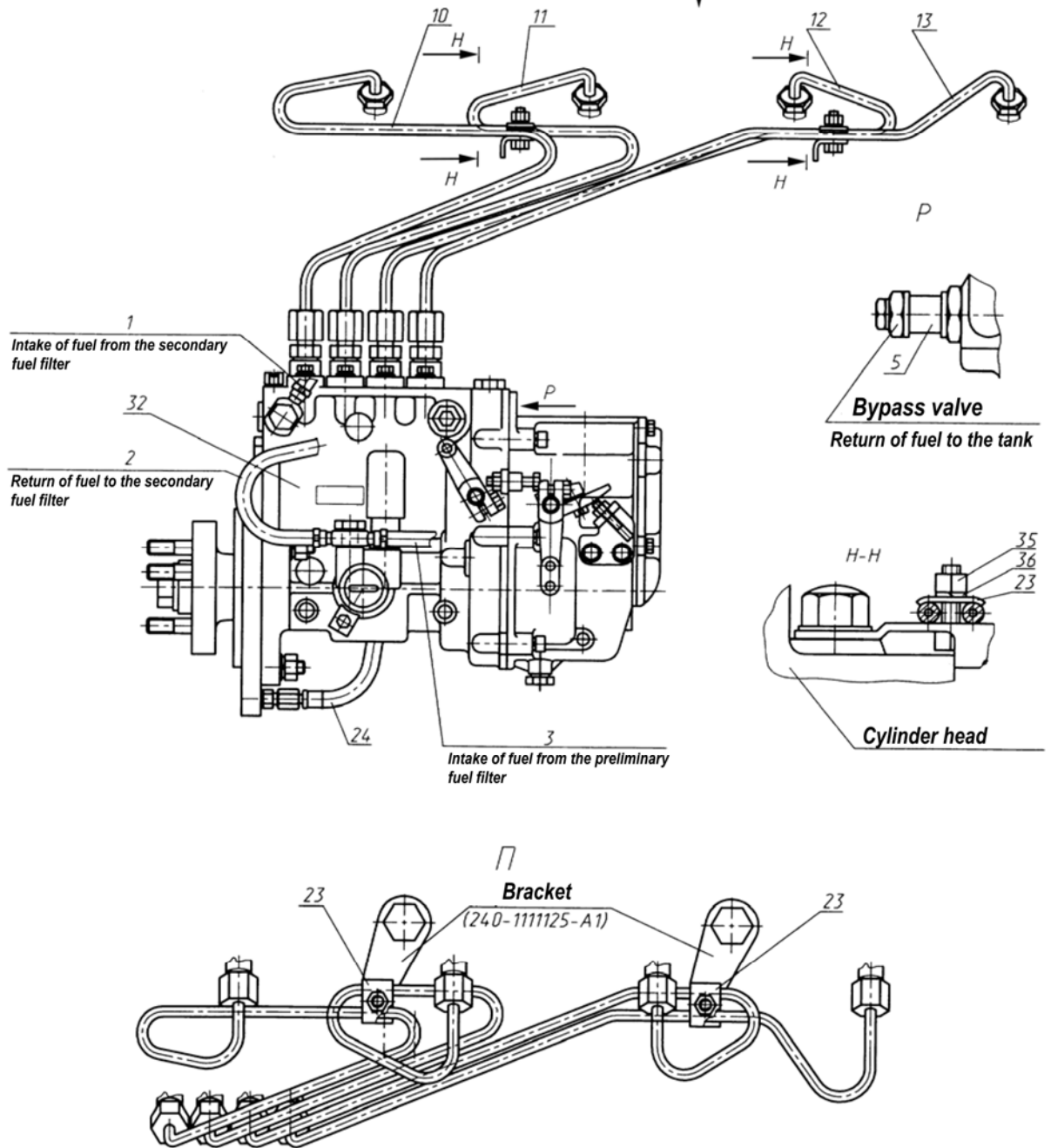


Figure 11.7. Fuel equipment assembly (for Д-243С engine with a fuel pump manufactured by Motorpal Joint-Stock Company or RAAZ Open Joint-Stock Company)

Group 11. Feeding system.

Subgroup 1104, 1111. Fuel equipment assembly (for Д-243С engine with a fuel pump manufactured by Motorpal Joint-Stock Company or RAAZ Open Joint-Stock Company)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
11.6 11.7		240-1111000-A1-34	1	Fuel equipment assembly	
		240-1111000-A1-37	1	Fuel equipment assembly	
		240-1111000-A1-40	1	Fuel equipment assembly	
	1		245-1104180-A-02**	1	Low-pressure fuel pipe (l=365 mm)
			245-1104180-A-03****	1	Low-pressure fuel pipe (l=455 mm) (Figure 11.7)
	2		245-1104180-A-10**	1	Low-pressure fuel pipe (l=500 mm)
			245-1104180-A-09****	1	Low-pressure fuel pipe (l=550 mm) (Figure 11.7)
	3		240-1104180-06	1	Low-pressure fuel pipe (l=1045 mm)
	4		245-1111020	4	Screen gasket
	5		245-1111113	1	Protective bush
	6		245-1117010-Г	1	Fuel filter casing
	7		M10x20	3	Bolt
	8		10 65Г06	3	Washer
	9		245-1117105	1	Connecting pipe with plug
	10		240-1104300-01	1	Fuel injection pipe
			245-1104300-B ****	1	Fuel injection pipe (Figure 11.7)
	11		240-1104300-02	1	Fuel injection pipe
			245-1104300-B-01****	1	Fuel injection pipe (Figure 11.7)
	12		240-1104300-03**	1	Fuel injection pipe
			245-1104300-B-02****	1	Fuel injection pipe (Figure 11.7)
	13		240-1104300-04	1	Fuel injection pipe
			245-1104300-B-03****	1	Fuel injection pipe (Figure 11.7)
	14		240-1104320-A2-02	1	Fuel draining pipeline
	15		240-1105010	1	Preliminary fuel filter
	16		M10x25	2	Bolt
17		10 65Г06	2	Washer	
18		240-1111036-B1	4	Protective ring	
19		240-1111101-B	2	Buckle	
20		240-1111105	1	Block	
21		240-1111106	2	Block	
22		240-1111112	1	Connecting pipe	
23		240-1111114	1	Block	
		240-1111114****	2	Block (Figure 11.7)	
24		240-3509150	1	Oil pipeline (Figure 11.7)	
25		36-1104787	3	Connecting pipe bolt	

* with a fuel pump manufactured by Motorpal Joint-Stock Company

** with a fuel pump manufactured by NZTA Open Joint-Stock Company

*** with a fuel pump manufactured by RAAZ Open Joint-Stock Company

**** with a fuel pump manufactured by Motorpal Joint-Stock Company or RAAZ Open Joint-Stock Company

Group 11. Feeding system

Subgroup 1104, 1111. Fuel equipment assembly (for Д-243С engine with a fuel pump manufactured by Motorpal Joint-Stock Company or RAAZ Open Joint-Stock Company)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
11.6	26	36-1104788	8	Gasket	
	27	171.1112010-01	4	Injector	
11.7	28	M10x35	8	Bolt	
	29	Д18-051-А	1	Rotary angle piece bolt	
	30	Д18-055-А	12*/4**	Seal ring	
	31	ФТ 020-1117010	1	Fuel filter	
	32	4УТНН-Т-1111007-620	PP4M10P1Г-3478	1	Fuel pump
				1	Fuel pump
	33	M10x35	2	Bolt	
	34	M10x120	2	Bolt	
	35	M6	5*	Nut	
			2**	Nut (Figure 11.7)	
	36	6 65Г 06	5*	Washer	
			2**	Washer (Figure 11.7)	
	37	10 65Г06	4	Washer	

* with a fuel pump manufactured by NZTA Open Joint-Stock Company

** with a fuel pump manufactured by Motorpal Joint-Stock Company or RAAZ Open Joint-Stock Company

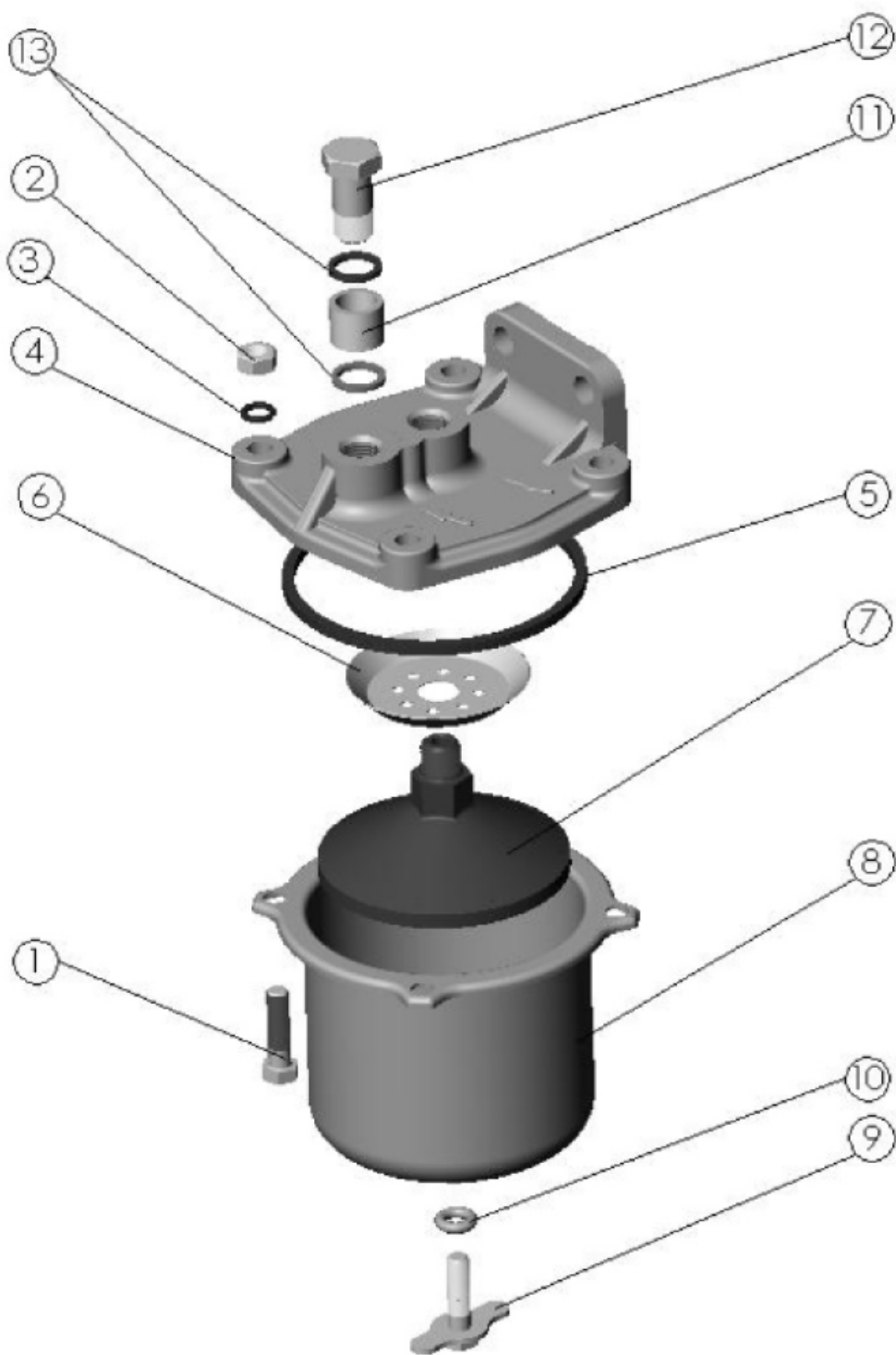


Figure 11.8. Preliminary fuel filter

Group 11. Feeding system
Subgroup 1105. Preliminary fuel filter

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.8		240-1105010	1	Preliminary fuel filter (1-13)
	1	M8x30	4	Bolt
	2	M8	4	Nut
	3	ШПЧ 8	4	Washer
	4	240-1105015	1	Casing
	5	98-4-4-1	1	Ring
	6	240-1105011	1	Diffuser
	7	240-1105025	1	Deflector
	8	240-1105020	1	Cage
	9	240-1105030	1	Plug
	10	260-1117134	1	Seal ring
	11	Д16-III-A	2	Protective bush
	12	Д18-051-A	2	Rotary angle piece bolt
13	Д18-055-A	4	Seal ring	

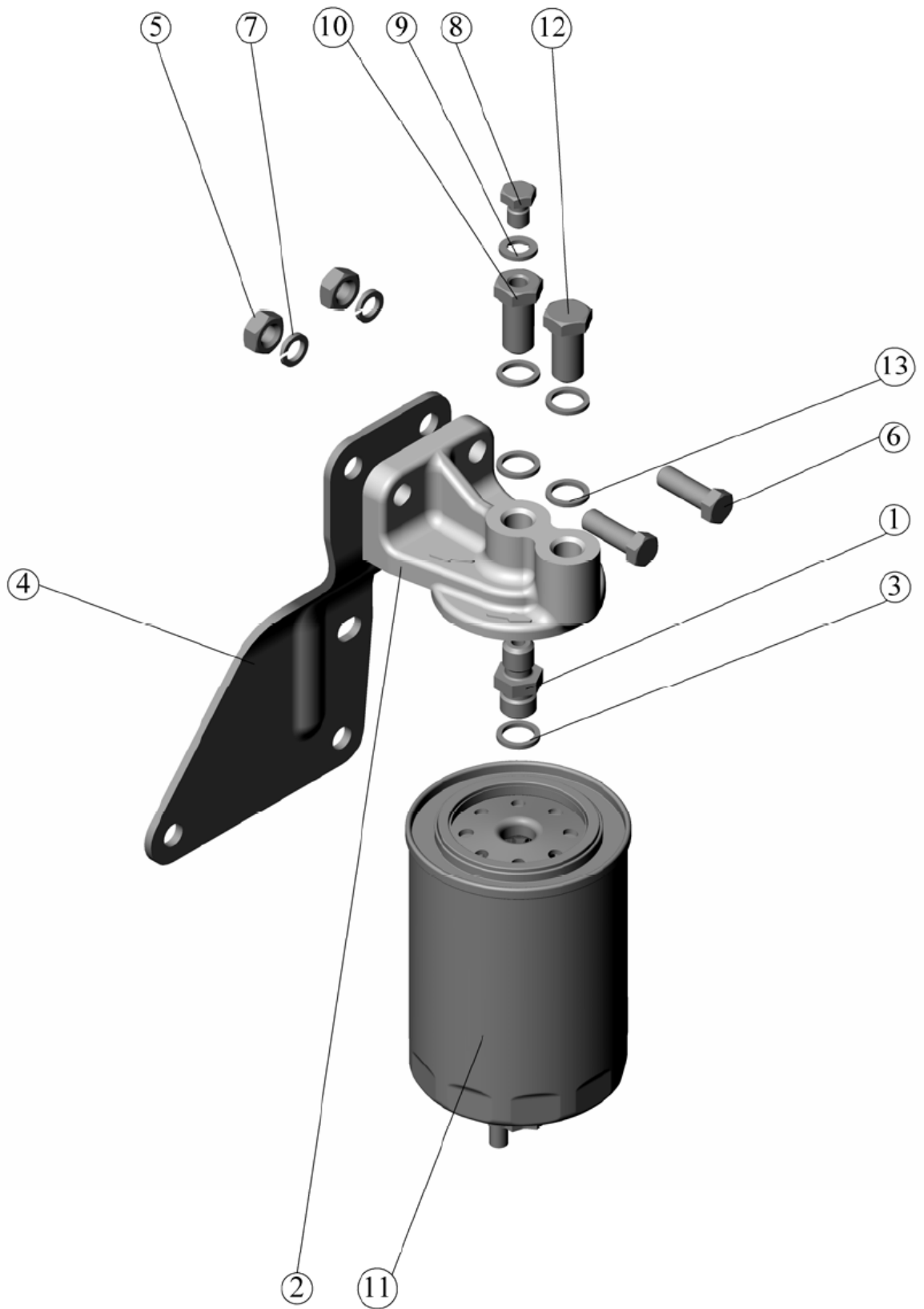


Figure 11.9. Secondary fuel filter

Group 11. Feeding system
Subgroup 1117. Secondary fuel filter

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.9		245-1117010-Г	1	Casing (1-7)
		245-1117075	1	Casing (1-3)
	1	245-1117079	1	Connecting pipe
	2	245-1117081	1	Cover
	3	Д18-055-А	1	Seal ring
	4	245-1117091-Б	1	Bracket
	5	M10-6H	2	Nut
	6	M10-6gx30	2	Bolt
	7	10 65Г06	2	Washer
	8	240-1003281	1	Plug
	9	36-1104788	1	Gasket
	10	Д18-052	1	Connecting pipe
	11	ΦТ020-1117010	1	Fuel filter
12	Д18-051-А	1	Rotary angle piece bolt	
13	Д18-055-А	4	Seal ring	

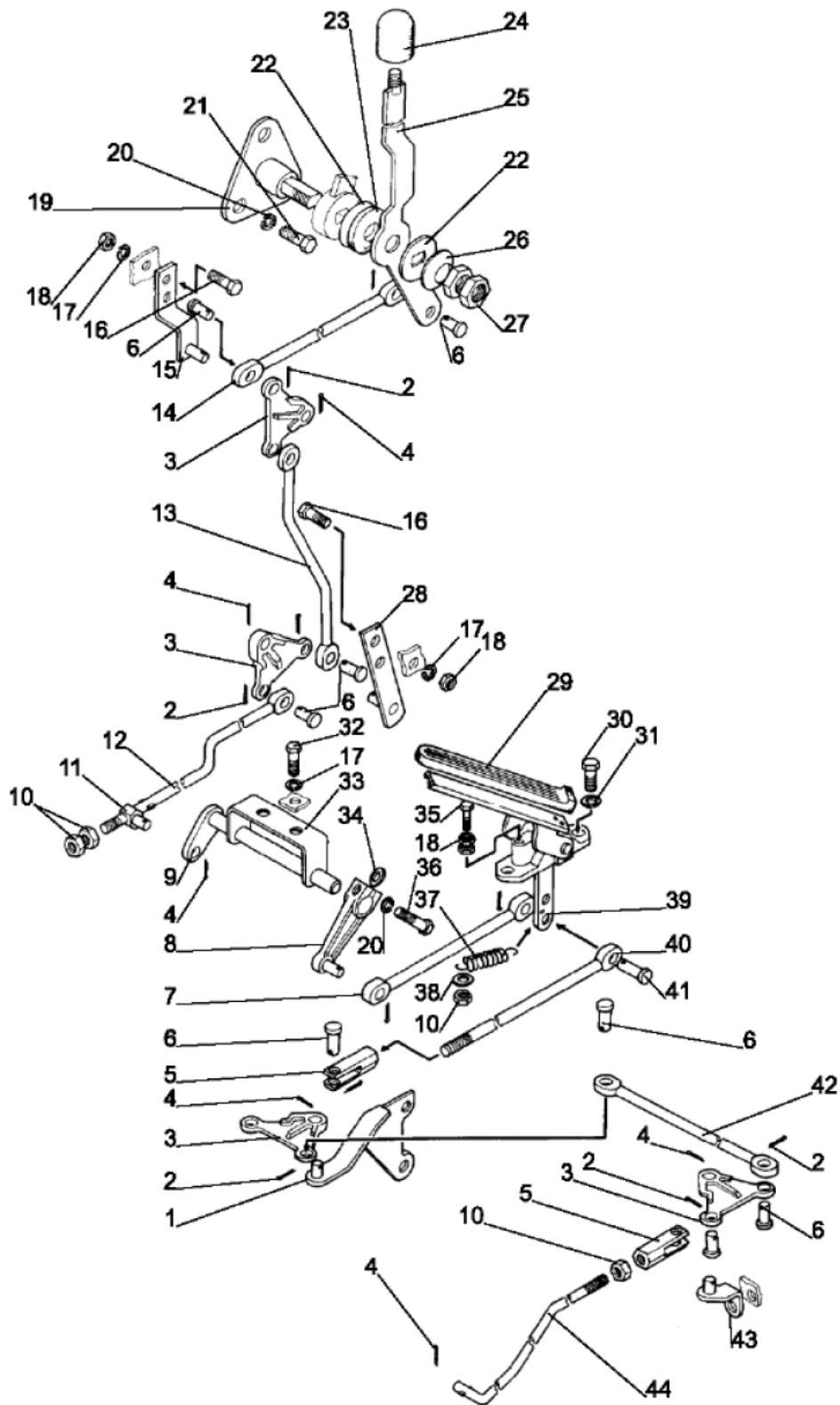


Figure 11.10. Fuel feeding control

**Group 11. Feeding system
Subgroup 1108. Fuel feeding control**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.10	1	80B-1108545	1	Bracket
	2	2x12	9	Cotter pin
	3	80B-1108506	4	Lever
	4	3.2x18	10	Cotter pin
	5	80 B-1108542	2	Rod tip
	6	70-1601109-01	9	Pin
	7	80 B-1108503	1	Rod
	8	80 B-1108365	1	Lever
	9	80B-1108360	1	Shaft
	10	M8	4	Nut
	11	70-1108317	1	Boss
	12	80B-1108537	1	Rod
	13	80 B-1108343	1	Rod
	14	80 B-1108344	1	Rod
	15	80B-1108380	1	Bracket
	16	M6x20	4	Bolt
	17	ШП 6	6	Washer
	18	M6	5	Nut
	19	80B-4216105	1	Bracket
	20	ШП 8	4	Washer
	21	M8x20	3	Bolt
	22	80-1108028	2	Washer
	23	80-1108178	1	Friction washer
	24	A13.11.000	1	Handle
	25	80B-1108350	1	Handle
	26	80B-1108347	1	Disk spring
	27	M14x1,5	2	Nut
	28	80B-1108370	1	Bracket
	29	A13.36.001	1	Boot
	30	M10x25	2	Bolt
	31	ШП 10	2	Washer
	32	M6x12	2	Bolt
	33	80B-1108346	1	Bracket
	34	50-1108044	1	Key
	35	M6x30	1	Bolt
	36	M8x25	1	Bolt
	37	70-4803019	1	Spring
	38	ШП 8	1	Washer
	39	80B-1108510	1	Pedal
	40	80B-1108526	1	Rod
	41	8x30	1	Pin
	42	80B-1108344-01	1	Rod
	43	80B-1108530	1	Bracket
	44	80B-1108541	1	Rod

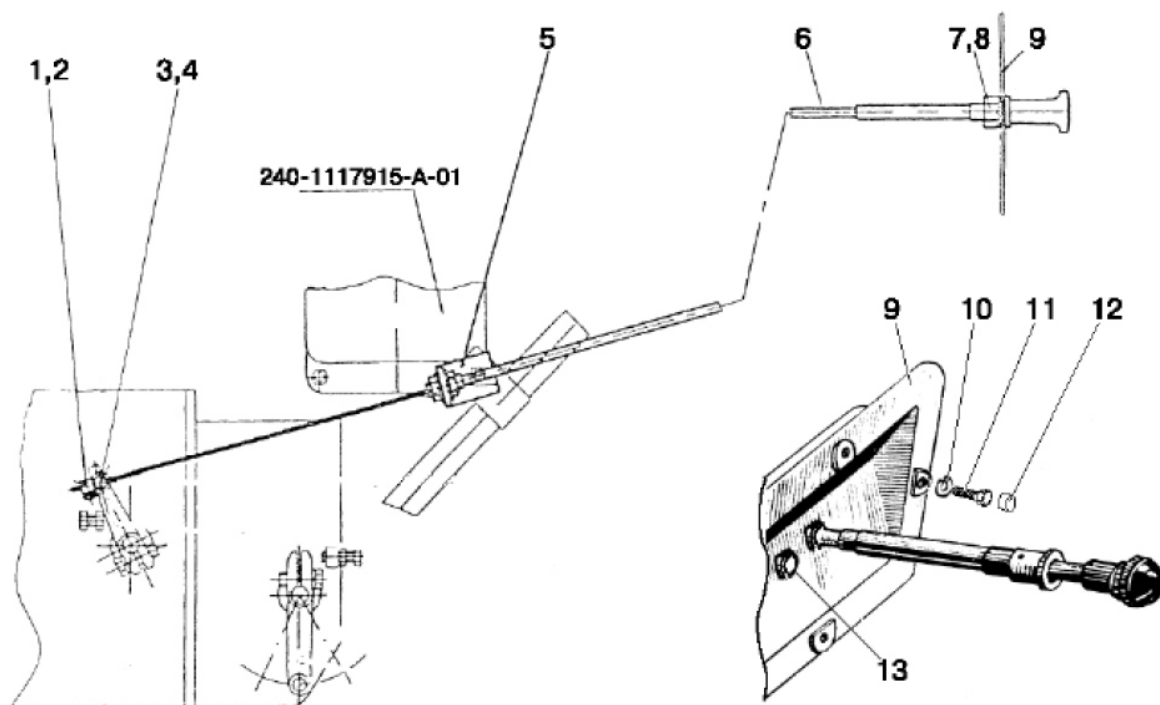


Figure 11.11. Engine shutdown. Engine emergency shutdown

Group 11. Feeding system**Subgroup 1108. Engine shutdown. Engine emergency shutdown**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
11.11	1	70-1310441	1	Catch
	2	BM4x10	1	Screw
	3	80-1108317	1	Boss
	4	3.2x18	1	Cotter pin
	5	80-1108126	1	Bracket
	6	80-1108630-A	1	Cable
	7	M12x1.25	1	Nut
	8	IIIЧ 12	1	Washer
	9	80-1024211	1	Shield
	10	IIII 6	2	Washer
	11	M6x12	2	Bolt
	12	A30.04.017	2	Cap
	13	70-3723023	2	Bushing

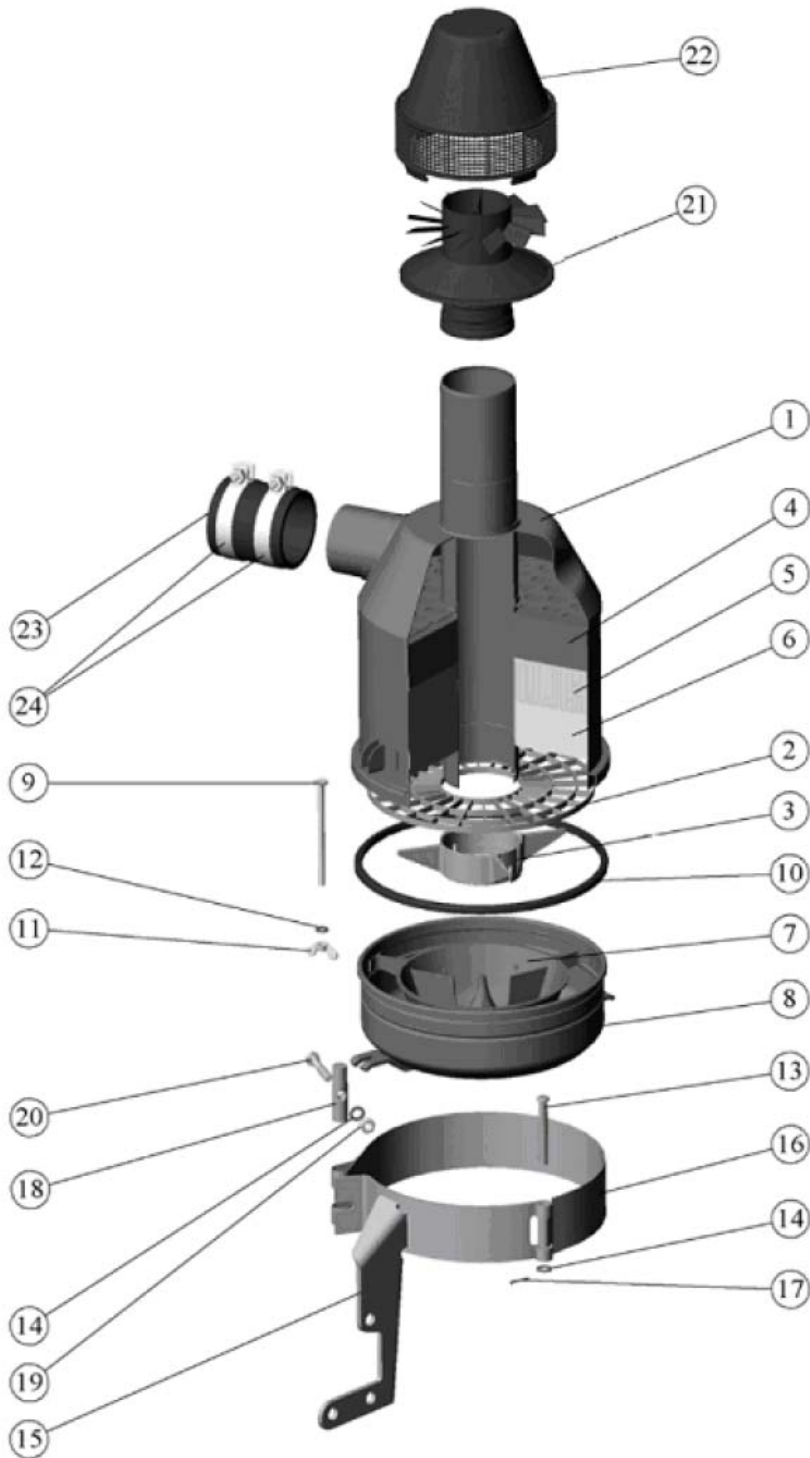


Figure 11.12. Air cleaner

**Group 11. Feeding system
Subgroup 1109. Air cleaner**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
		240-1109010-A-15	1	Air cleaner assembly (1-24)
		240-1109015-A-08	1	Air cleaner (1-12)
		240-1109280	1	Bracket (13-17)
		A53.21.000	1	Monocyclone (21-22)
1		240-1109035-A2-09	1	Air cleaner body
2		240-1109095	1	Fixture
3		240-1109096-B1	1	Fixture stopper
4		240-1109165	1	Filtering element
5		240-1109166-B	1	Filtering element
6		240-1109167-B	1	Filtering element
7		240-1109254-B	1	Oil bath
8		240-1109255	1	Pan
9		240-1109262	1	Clamping bolt
10		240-1109306	1	Gasket
11		M6-6H45Л.016	1	Wing nut
12		ШП 6	2	Washer
13		50-1109296-B	1	Pin
14		50-1401067	1	Washer
15		240-1109290-B1	1	Air cleaner bracket
16		240-1109299	1	Air cleaner fastening clamp
17		3.2x18	1	Cotter pin
18		50Л-1109301-B	1	Pin
19		M8	1	Nut
20		M8 x 45	1	Bolt
21		A53.21.001	1	Branch pipe
22		A53.21.002	1	Hood
23		РД 63-74-75-0,2	1	Hose pipe piece
24		XC-67.016	2	Binding screw clamp

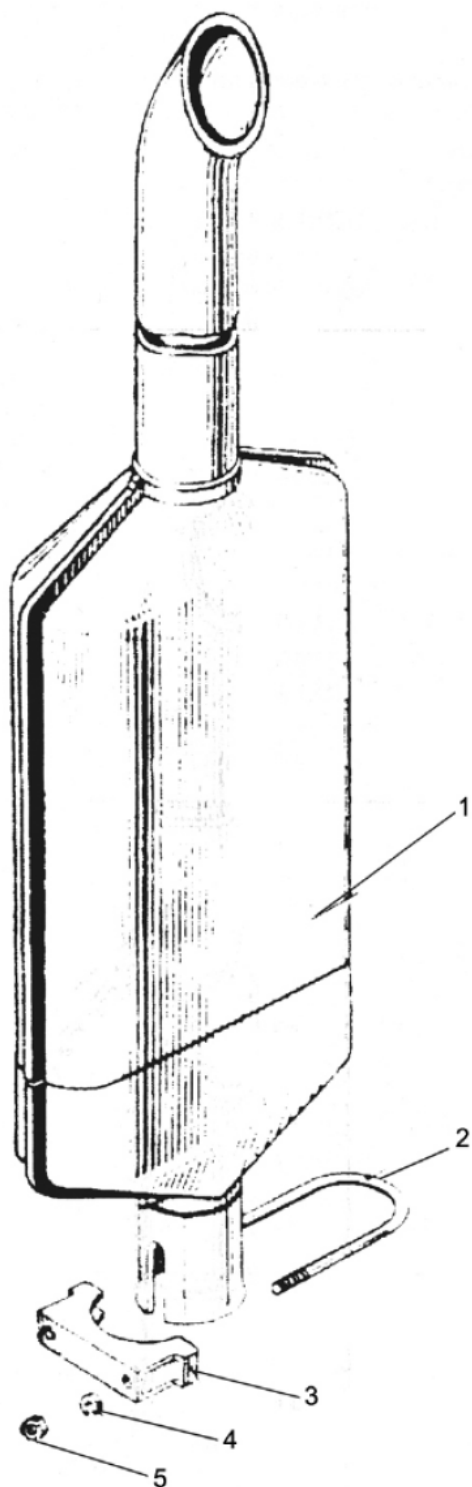


Figure 12.1. Muffler

Group 12. Exhaust system
Subgroup 1205. Muffler

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
12.1	1	60-1205015-01	1	Muffler
	2	60-1205101	1	Clamp
	3	60-1205103	1	Clamp
	4	ШПЧ 10	2	Washer
	5	80-1205136	2	Nut

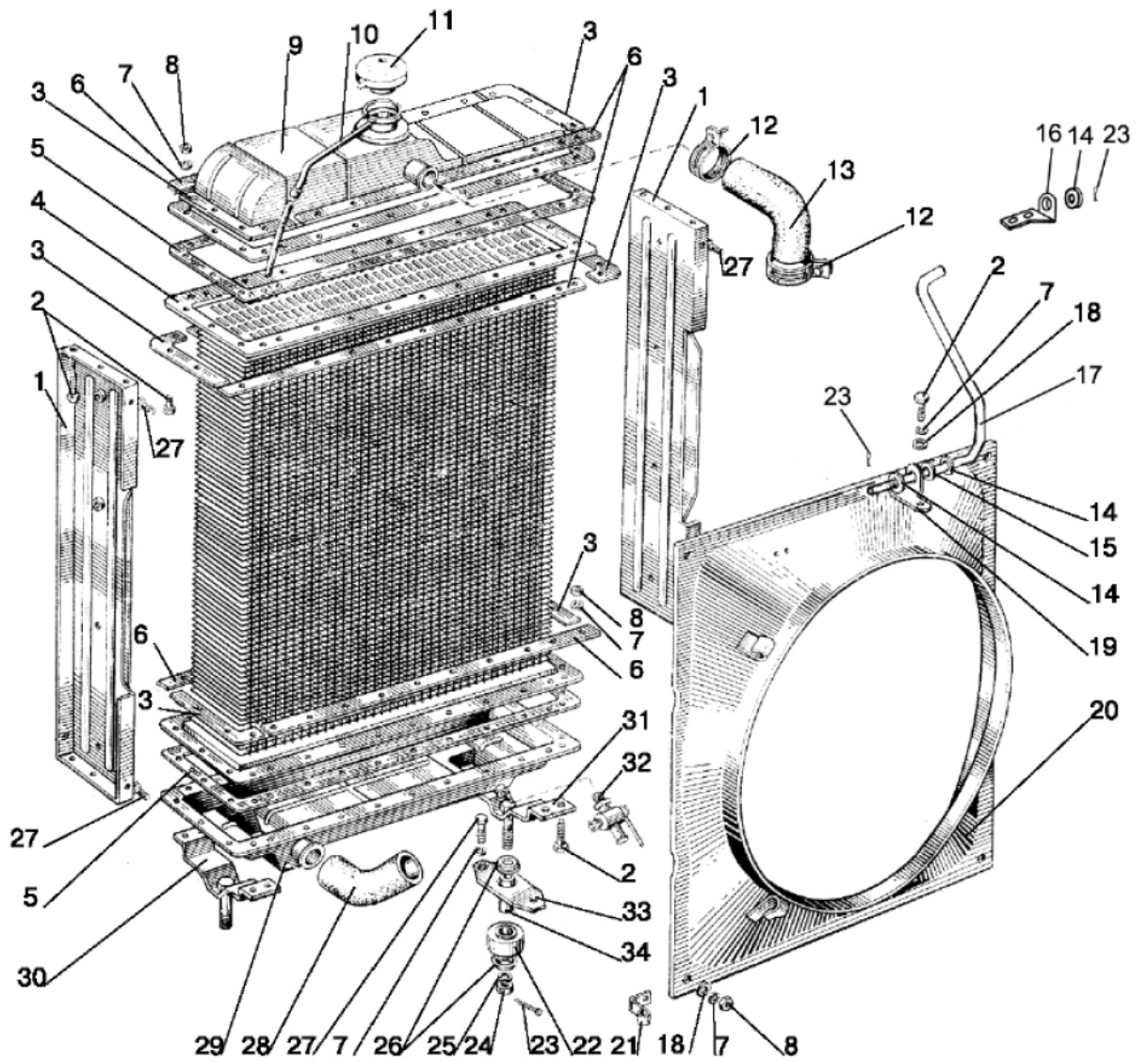
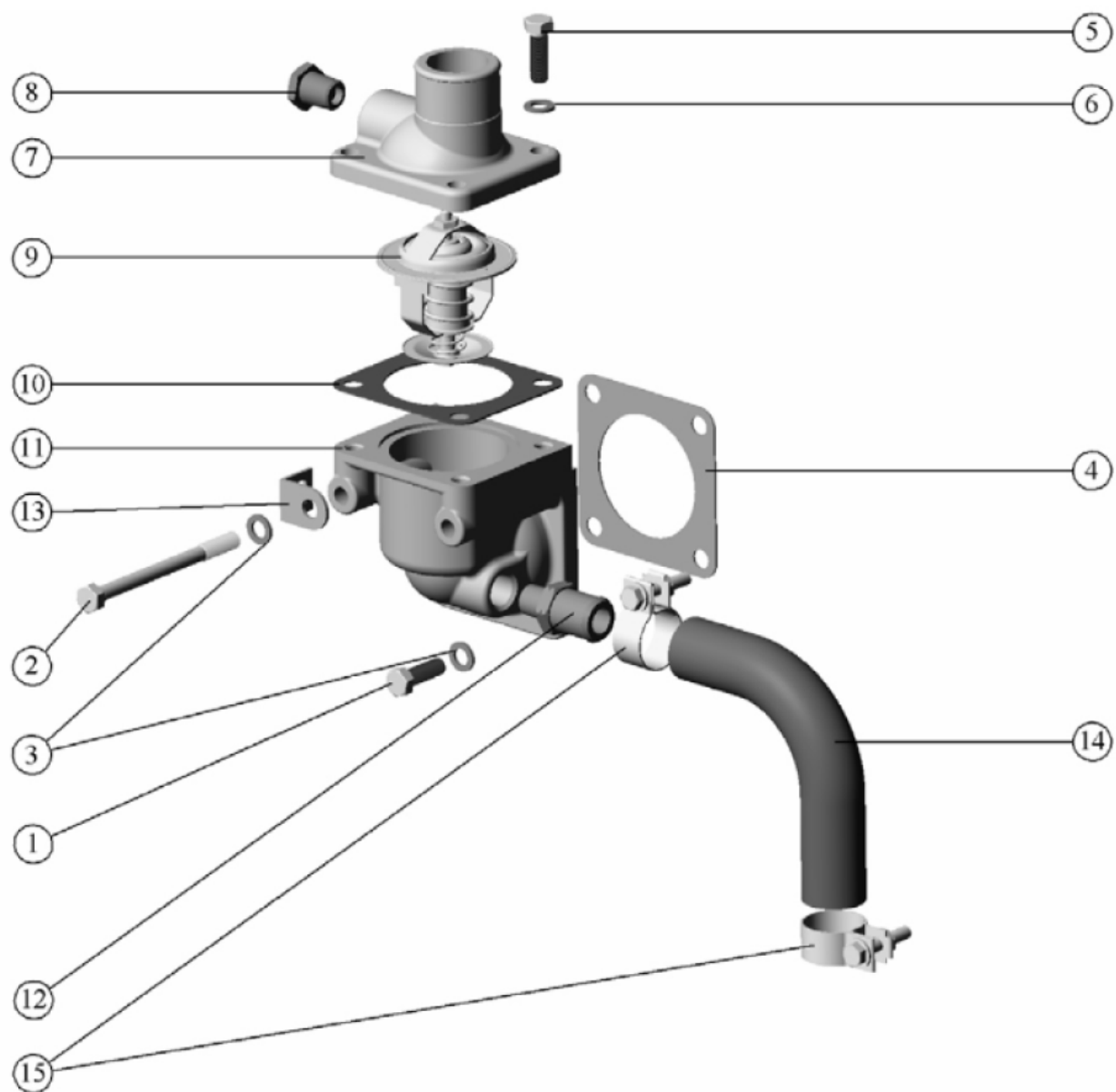


Figure 13.1. Water radiator. Water radiator suspension

Group 13. Cooling system

Subgroup 13.01, 13.02, Water radiator. Water radiator suspension

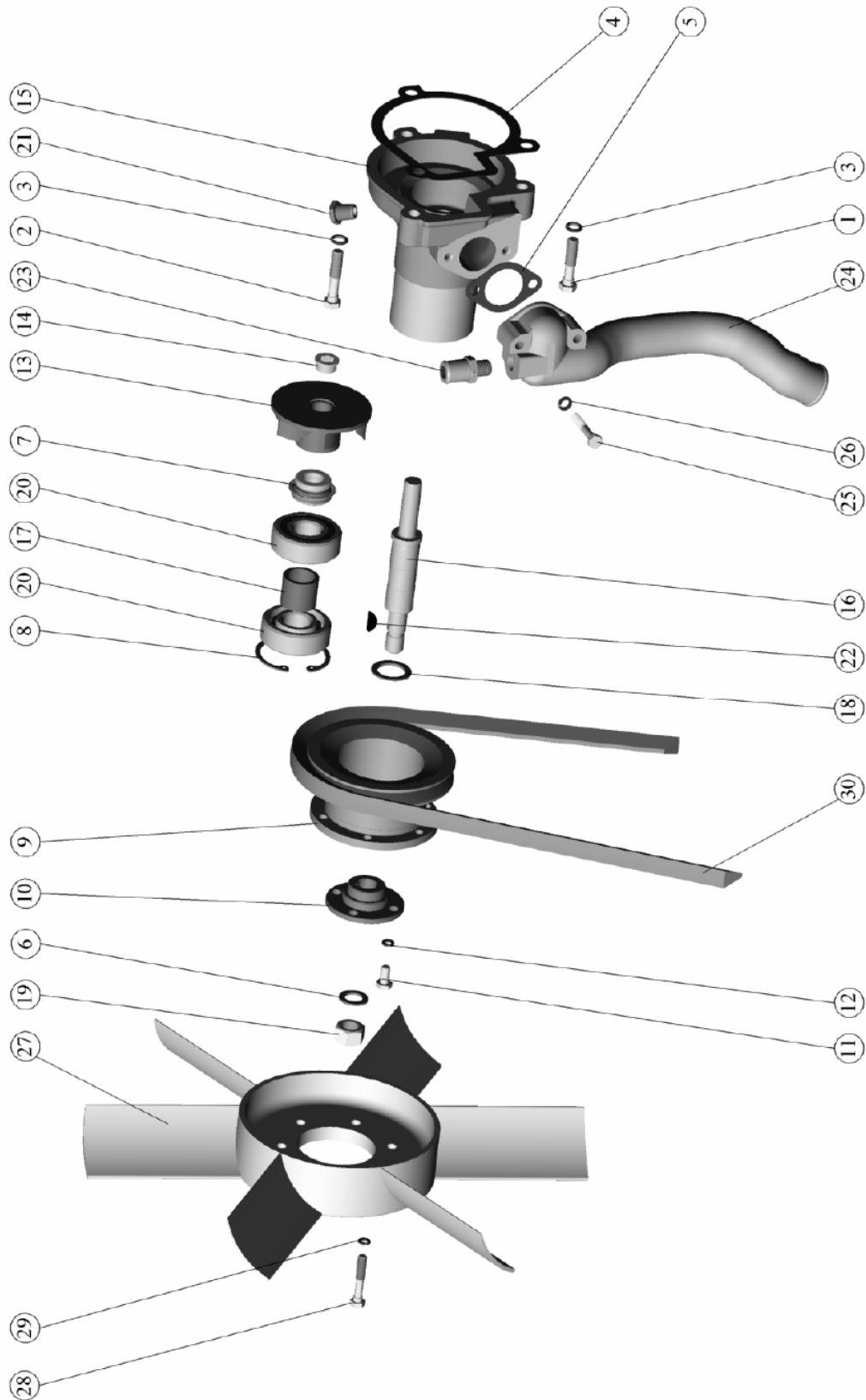
Figure No.	Pos. No.	Assembly or part number	Quantity	Description
13.1		70Y.13.01.010	1	Water radiator (1-11, 22-26, 29-31, 33, 34)
	1	70Y.13.01.126-1	2	Radiator baffle
	2	M8x25	56	Bolt
	3	70Y.13.01.255	8	Angular tie plate
	4	70Y.13.01.020	1	Radiator core
	5	70Y.13.01.169	2	Gasket
	6	70Y.13.01.256	8	Tie plate
	7	ШП 8	64	Washer
	8	M8	64	Nut
	9	70Y.13.01.055-7	1	Upper tank
	10	70-1301158	1	Vapour discharge tube
	11	A21.01.270	1	Cover (type 1)
	12	XC-46	4	Clamp
	13	70-1303001	1	Hose pipe
	14, 18	ШП 8	8	Washer
	15	85-1302071	2	Shock absorber
	16	1520-1302072	1	Bracket
	17	90-1302003	1	Tie rod
	19	80-1302012-A	1	Bracket
	20	70-1309080	1	Shroud
	21	48-1104016	1	Buckle
	22	70Y.13.02.018	2	Shock absorber
	23	3.2x18	2	Cotter pin
	24	M12	2	Nut
	25	ШП 12	4	Washer
	26	ШП 12	4	Washer
	27	M8x16	8	Bolt
	28	50-1303062-Б2	1	Hose pipe
	29	70Y.13.01.075	1	Lower tank
	30	70Y.13.01.190	1	Left-hand support
	31	70Y.13.01.180	1	Right-hand support
	32	Kp2-1305000	1	Cock
	33	70Y.13.02.016	2	Slat
	34	70Y.13.02.015	2	Bushing



13.2. Thermostat

Group 13. Cooling system
Subgroup 13.06. Thermostat

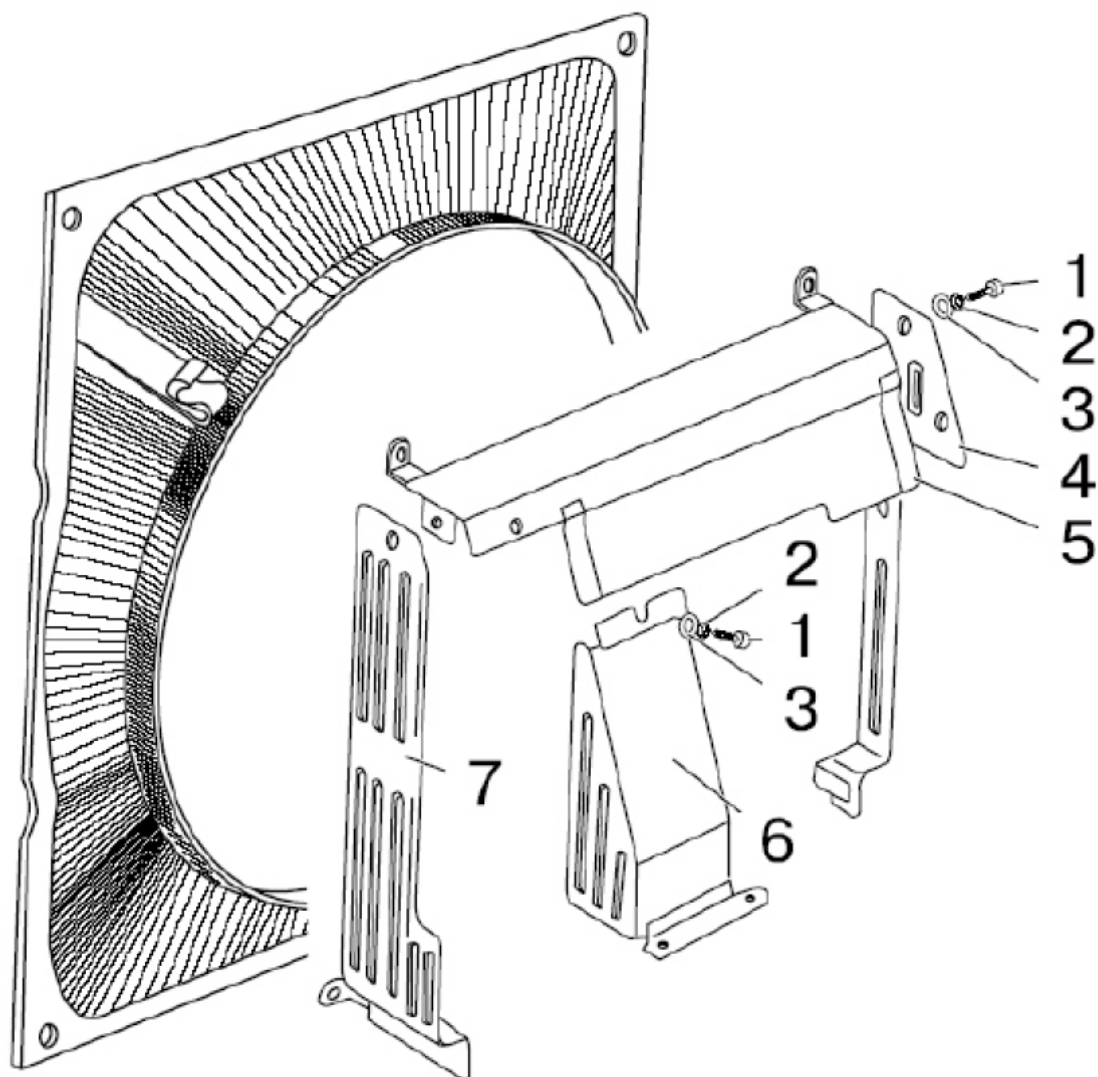
Figure No.	Pos. No.	Assembly or part number	Quantity	Description
13.2		245-1306030-A	1	Thermostat assembly
		245-1306040	1	Thermostat casing (5-12)
	1	M8x25	1	Bolt
	2	M8 x 95	1	Bolt
	3	50-1401067	4	Washer
	4	50-1306026	1	Thermostat casing gasket
	5	M8x25	4	Bolt
	6	50-1401067	4	Washer
	7	245-1306025	1	Casing cover
	8	КТ 3/8". А12.016	1	Plug
	9	TC107-1306100-04 or TP4-02 or TA107-04	1	Thermostat with solid filler
	10	245-1306023	1	Gasket
	11	245-1306021	1	Casing inferior
	12	245-1306027	1	Connecting pipe
	13	80-3801092-Б	1	Bracket
14	50-1306028-Б3 or 50-1306028-Б4	1	Thermostat hose pipe	
15	XC-26.019 or 20-32 NORMA-TORRO	2	Clamp	



13.3. Water pump and fan

Group 13. Cooling system
Subgroup 1307, 1308. Water pump and fan

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
		240-1307000	1	Water pump assembly (1-26)
		245-1308000-E-01	1	Fan assembly (27-30)
		245-1307010-A1	1	Water pump (6-22)
	1	M10 x 45	2	Bolt
	2	M10 x 50	1	Bolt
	3	10 65Г06	3	Washer
	4	50-1307048-Б	1	Casing gasket
	5	50-1307049-A	1	Branch pipe gasket
	6	50-1005161	1	Washer
	7	3p/1341	1	Water pump gland
	8	240-1307064	1	Lock ring
	9	240-1307061	1	Water pump pulley
	10	240-1307079	1	Pulley hub
	11	M8x16	4	Bolt
	12	8 65Г 06	4	Washer
	13	240-1307074-B	1	Impeller
	14	240-1307075	1	Choke
	15	245-1307025	1	Water pump casing
	16	245-1307052-Г	1	Shaft
	17	245-1307084 or 245-1307084-Б	1	Bushing
	18	245-1307094	1	Thrust ring
	19	M16x1,5	1	Nut
	20	1160305	2	Single-row radial ball bearing
	21	КГ 3/8". A12.016	1	Plug
	22	5x7,5	1	Key
	23	245-1306027	1	Connecting pipe
	24	50-1307044-Б	1	Water pump branch pipe
	25	M8 x 45	2	Bolt
	26	50-1401067	2	Washer
	27	245-1308010-A	1	Fan
	28	M8x25	6	Bolt
	29	8 65Г 06	6	Washer
	30	2KJI.1-11X10-1250 or AVX 13-1250 or SPA-1250	1	Belt



13.4. Fan guard (optionally)

**Group 13 Cooling system
Subgroup 1309. Fan guard (optionally)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
13.4	1	M6x16	4	Bolt
	2	ШШП 6	3	Washer
	3	ШШЧ 6	3	Washer
	4	80-1309020	1	Right-hand guard
	5	80-1309025	1	Strainer
	6	80-1309030	1	Shroud (to be mounted in the absence of compressor)
	7	80-1309015	1	Left-hand guard

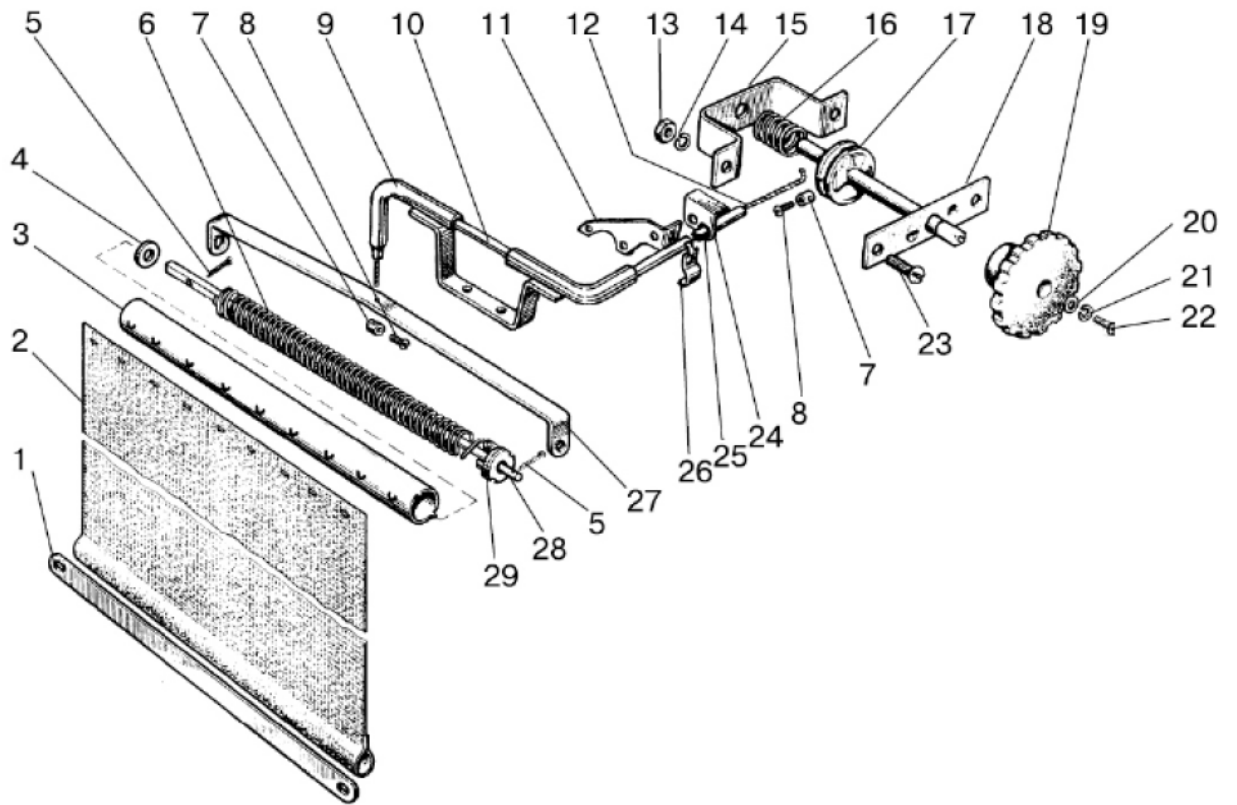


Figure 13.5. Shutter

Group 13 Cooling system. Subgroup 1310 Shutter.

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
13.5		70-1310010-A	1	Shutter (1-6, 27-29)
	1	70-1310016	1	Slat
	2	A09.01.001	1	Shutter
	3	A09.01.015	1	Drum
	4	ШПЧ 6	1	Washer
	5	2x12	2	Cotter pin
	6	A09.01.005	1	Spring
	7	70-1310441	3	Catch
	8	BM4 x 8	3	Screw
	9	80-1310020	1	Bracket
	10	80B-1310007	1	Shell
	11	70-4803027	1	Bracket
	12	70-1310121-A	1	Control cord
	13	M6	2	Nut
	14	ШПЧ 6	2	Washer
	15	70-1310411	1	Clamp
	16	A09.01.023	1	Spring
	17	70-1310450	1	Drum
	18	70-1310412	1	Slat
	19	70-1310130-A	1	Handle
	20	ШПЧ 5	1	Washer
	21	ШПЧ 5	1	Washer
	22	BM5x12	1	Screw
	23	BM6x20	2	Screw
	24	80-4803026	1	Bracket
	25	70-4803022	1	Bushing
	26	70JI-1024216	1	Clamp
	27	70-1310013-A	1	Slat
	28	A09.01.004	1	Bar
29	A09.01.011	1	Tip	

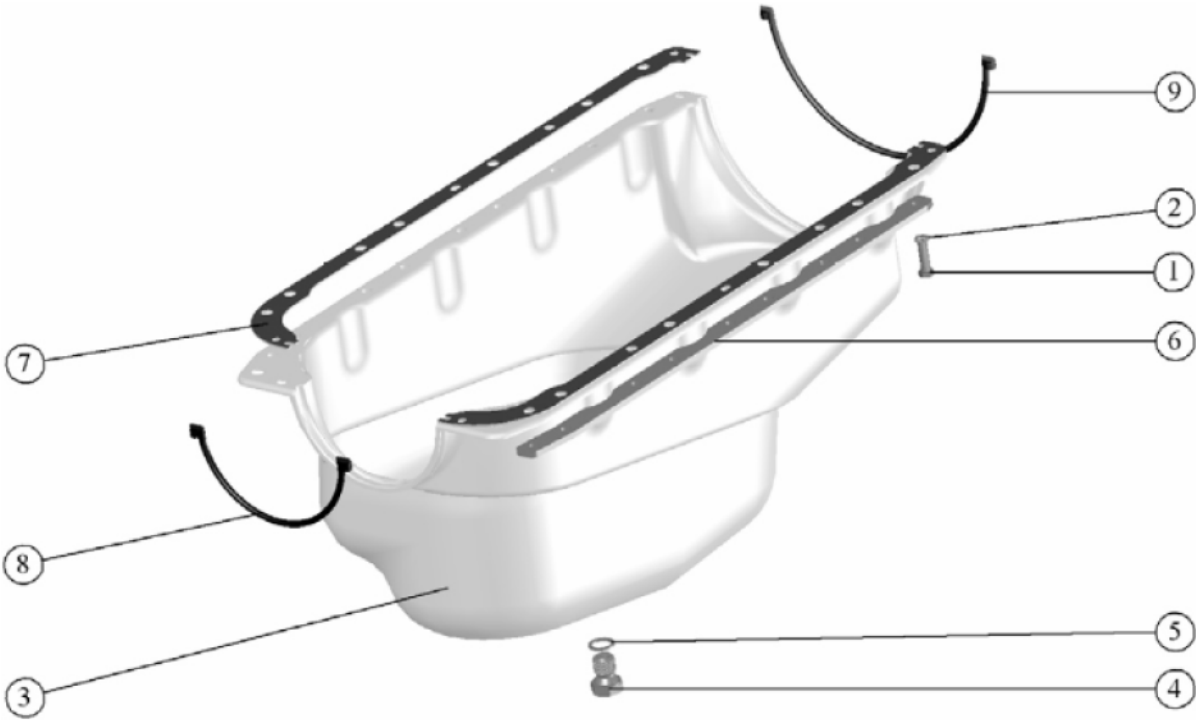


Figure 14.1. Crankcase

Group 14. Lubrication system
Subgroup 1401. Crankcase

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
14.1		245-1009000-Г	1	Crankcase assembly (1-9)
	1	M8x25	22	Bolt
	2	ШП 8	22	Washer
	3	245-1009110-B	1	Crankcase
	4	50-1404075	1	Pressure-relief valve plug
	5	Д09-035-A	1	Bypass valve plug gasket
	6	245-1009104	2	Plate
	7	50-1401063-B1	1	Crankcase gasket
	8	240-1401059-A1 or 50-1401059-A	1	Front seal
9	240-1401065-A1 or 50-1401065-A	1	Rear seal	

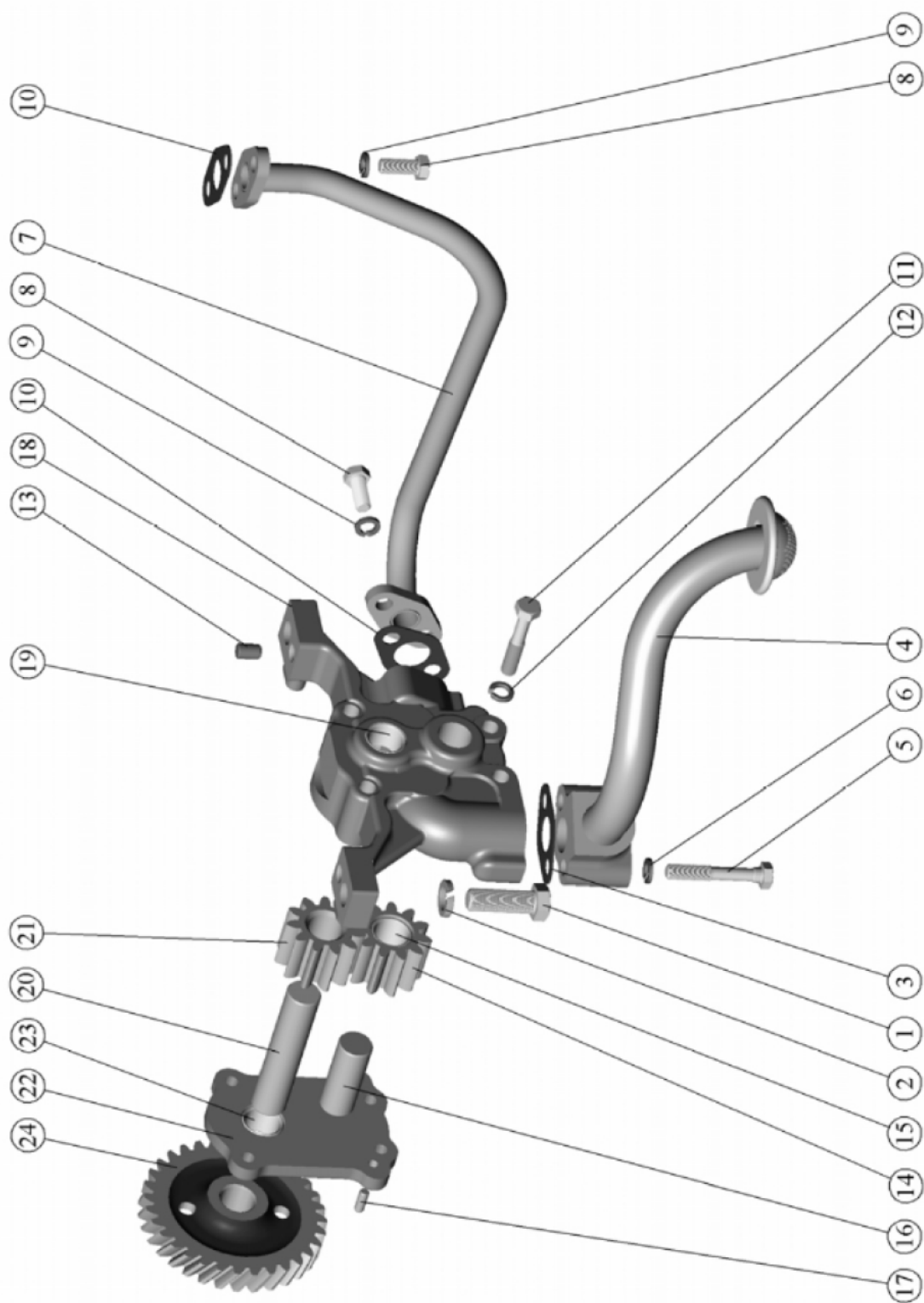
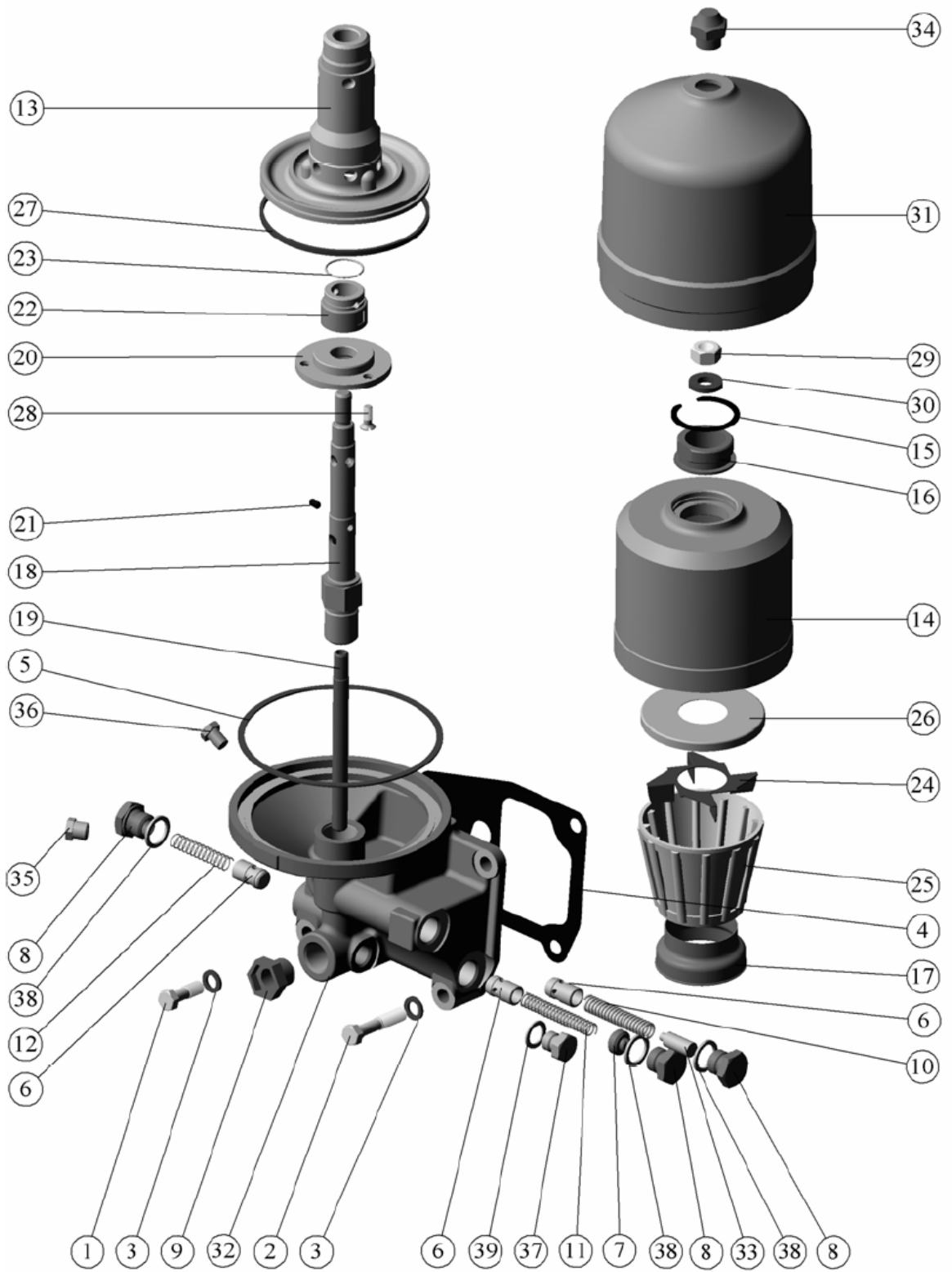


Figure 14.2. Oil pump and oil pump receiver

Group 14. Lubrication system
Subgroup 1402, 1403. Oil pump and oil pump receiver

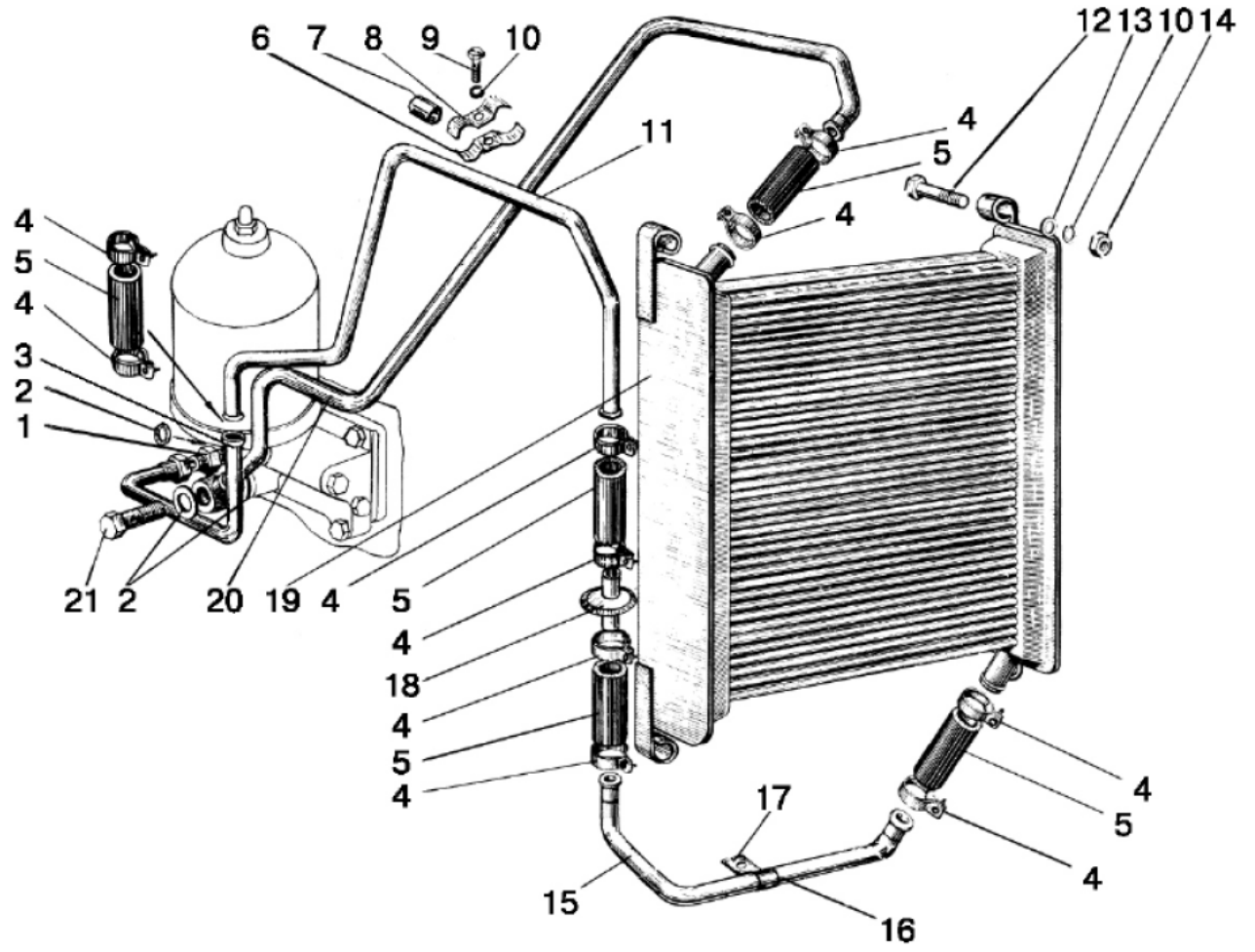
Figure No.	Pos. No.	Assembly or part number	Quantity	Description
14.2		240-1400010-B	1	Oil pump assembly (1-24)
		245-1403010	1	Oil pump (11-24)
		240-1402000-A3	1	Oil pump receiver assembly (3-6)
	1	M12x35 or M12x40	2	Bolt
	2	ШШ 12	2	Washer
	3	50-1402053	1	Flange gasket
	4	240-1402010-A3	1	Oil receiver
	5, 11	M8 x 50	6	Bolt
	6, 9, 12	ШШ 8	10	Washer
	7	50-1403015-A	1	Discharge branch pipe
	8	M8x20	4	Bolt
	10	50-1403033	2	Flange gasket
	13	240-1002044	2	Pin
	14	50-1403115-B	1	Driven gear of the oil pump
	15	Д08-002-A or A57.03.028-A	1	Oil pump casing bush Intermediate gear bush
	16	50-1403125-B	1	Driven gear pin
	17	50-1403233	2	Setting pin
	18	240-1403025	1	Oil pump casing
	19	50-1403019-B or A57.03.026-A	1	Casing bush
	20	50-1403052-B	1	Oil pump roller
	21	50-1403075-B	1	Driving gear of the oil pump
	22	240-1403155	1	Oil pump cover
	23	50-1403012-B or A57.03.027-A	1	Casing bush
24	245-1403228	1	Oil pump diving gear	



14.3. Centrifugal oil filter body gasket

Group 14. Lubrication system
Subgroup 1404. Centrifugal oil filter body gasket

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
14.3		240-1404000-A	1	Centrifugal oil pump assembly (1-39)
		240-1404010-A	1	Centrifugal oil filter body gasket (5-39)
	1	M10x30	2	Bolt
	2	M10x50	2	Bolt
	3	36-1104788	4	Gasket
	4	50-1404068	1	Centrifugal oil filter body gasket
	5	50-1404059-Б1	1	Hood gasket
	6	50-1404071-A	3	Centrifugal filter valve
	7	50-1404072	1	Adjusting plug
	8	50-1404075	3	Pressure-relief valve plug
	9	50-1404077-A or 240-1404096	2 3	Plug Choke
	10	50-1404081-A1	1	Centrifugal filter valve spring
	11	50-1404083-A1	1	Draining valve spring
	12	50-1404085-A1	1	Pressure-relief valve spring
	13	240-1404017-Б	1	Rotor casing
	14	240-1404023	1	Rotor cage
	15	240-1404033	1	Thrust ring
	16	240-1404035-A	1	Special nut
	17	240-1404049	1	Internal cage
	18	240-1404012-Б	1	Rotor shaft
	19	240-1404013-Б	1	Tube
	20	240-1404019-Б	1	Rotor casing cover
	21	240-1404028 or ROLLER 5x8.11	1	Pin Roller
	22	240-1404090-Б	1	Mouthpiece
	23	240-1404118	1	Ring
	24	240-1404024	1	Rotor impeller
	25	240-1404110	1	Filtering grid
	26	240-1404113	1	Cover
	27	115-120-30-2-1	1	Ring
	28	B2.M6x14	1	Screw
	29	M12x1.25	1	Nut
	30	Д37А-1407607-В	1	Thrust washer
	31	240-1404027	1	Centrifugal filter hood
	32	240-1404067-A	1	Centrifugal filter casing
	33	240-1404074	1	Insert
	34	240-1404088	1	Nut hood
	35	КГ 1/4".10КП.016	1	Plug
	36	КГ 1/8". A12.016	1	Plug
	37	A23.10.006 or 50-11117028	1	Plug
38	Д09-035-A	3	Bypass valve plug gasket	
39	Д18-055-A or Д18-055-A-01 or A23.10.002	1	Seal ring	



14.4. Oil radiator

Group 14. Lubrication system
Subgroup 1405. Oil radiator

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
14.4		600-1405100	1	Oil pipeline (4, 5, 11, 23)
	1	70-1405089	1	Connecting pipe
	2	40-4607038-A	3	Washer
	3	70-1405120	1	Oil pipeline
	4	XC-21-II29	10	Buckle
	5	70-1405013	5	Hose pipe
	6	70-3407146	1	Slat
	7	70-3506027	3	Bushing
	8	70-3407144	4	Slat
	9	M8x35	2	Bolt
	10	IIIП 8	6	Washer
	11	70-1406109	1	Oil pipeline
	12	M8x45	4	Bolt
	13	IIIЧ 8	4	Washer
	14	M8	6	Nut
	15	600-1405117	1	Oil pipeline
	16	70-1405011	1	Tube
	17	70-1405112	1	Buckle
	18	70-1405230	1	Filter
	19	80-1405010-1	1	Radiator
	20	70-1405110	1	Oil pipeline
21	40-4607032	1	Bolt	

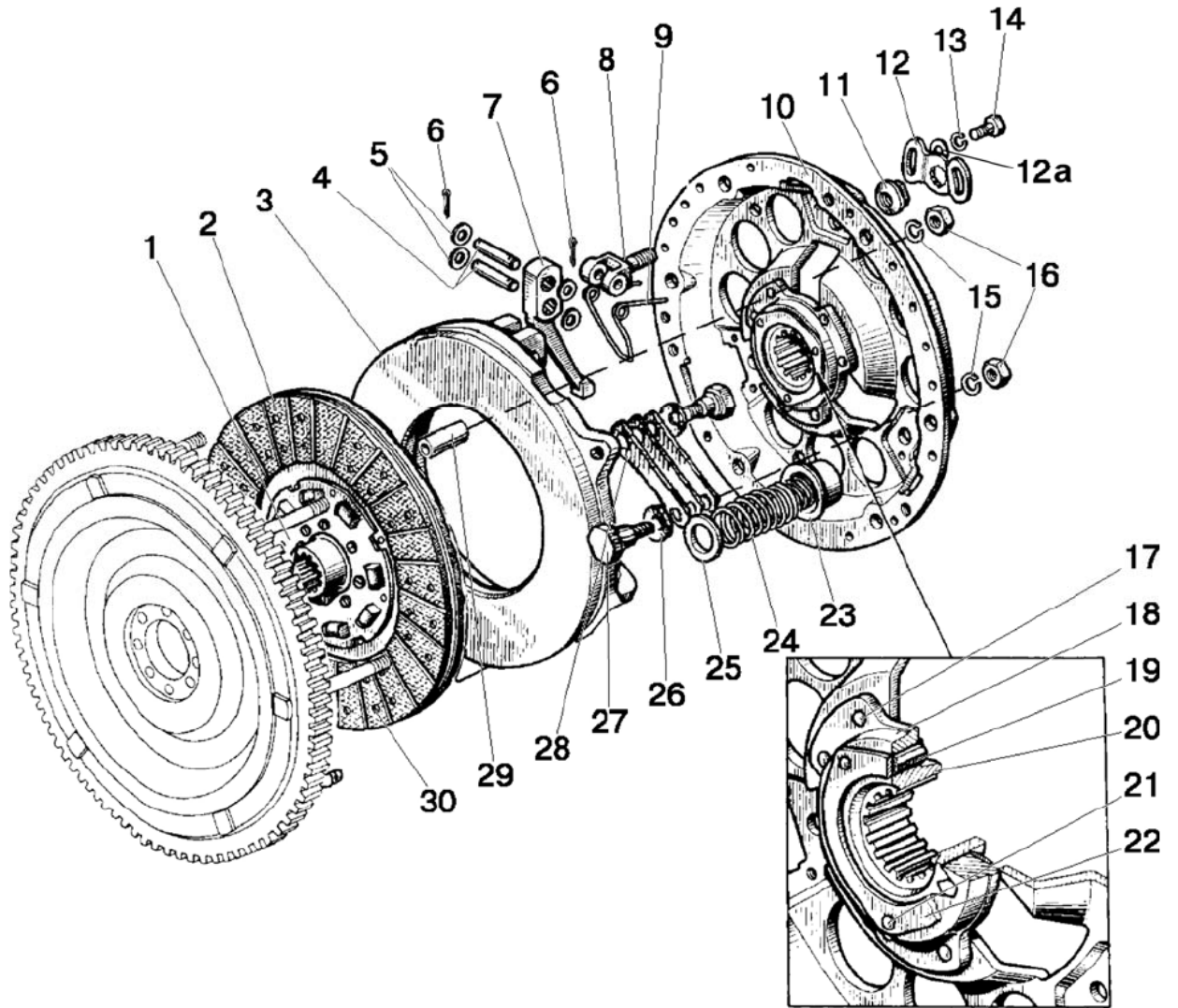


Figure 16.1. Clutch plates

Group 16. Clutch
Subgroup 1601. Clutch plates

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
16.1		80-1601090	1	Clutch plate (3-28)
		85-1601120-Б	1	Backing plate (10, 17-22)
	1	85-1601130 or 85-1601130-01	1	Driving plate (includes the linings 2 and rivets 30)
	2	70-1601138-01 or 70-1601138-02	2	Lining
	3	80-1601093	1	Pressure plate
	4	85-1601096	6	Pin
	5	85-1601108	12	Washer
	6	3.2x18	12	Cotter pin
	7	85-1601094	3	Clutch lever
	8	85-1601097	3	Fork
	9	85-1601083	3	Spring
	10	85-1601122-Б	1	Backing plate
	11	85-1601109-A	3	Adjusting nut
	12	85-1601086	3	Retaining washer
	12a	ШП 8	6	Washer
	13	ШП 8	6	Washer
	14	M8x16	6	Bolt
	15	ШП 12	9	Washer
	16	M12x1.25	9	Nut
	17	8 x 22	6	Rivet
	18	70-1601051	1	Hub
	19	70-1601091	12	Shock absorber
	20	70-1601053	1	Bushing
	21	6x30	3	Rivet
	22	70-1601062	2	Washer
	23	85-1601072-Б	9	Cage
	24	85-1601115	9	Spring
	25	85-1601118-Б	9	Insulating washer
	26	85-1601121	6	Washer
	27	85-1601126	6	Bolt
28	85-1601124	9	Plate	
29	70-1601074	6	Bushing	
30	2-4 x 8-32	24	Rivet	

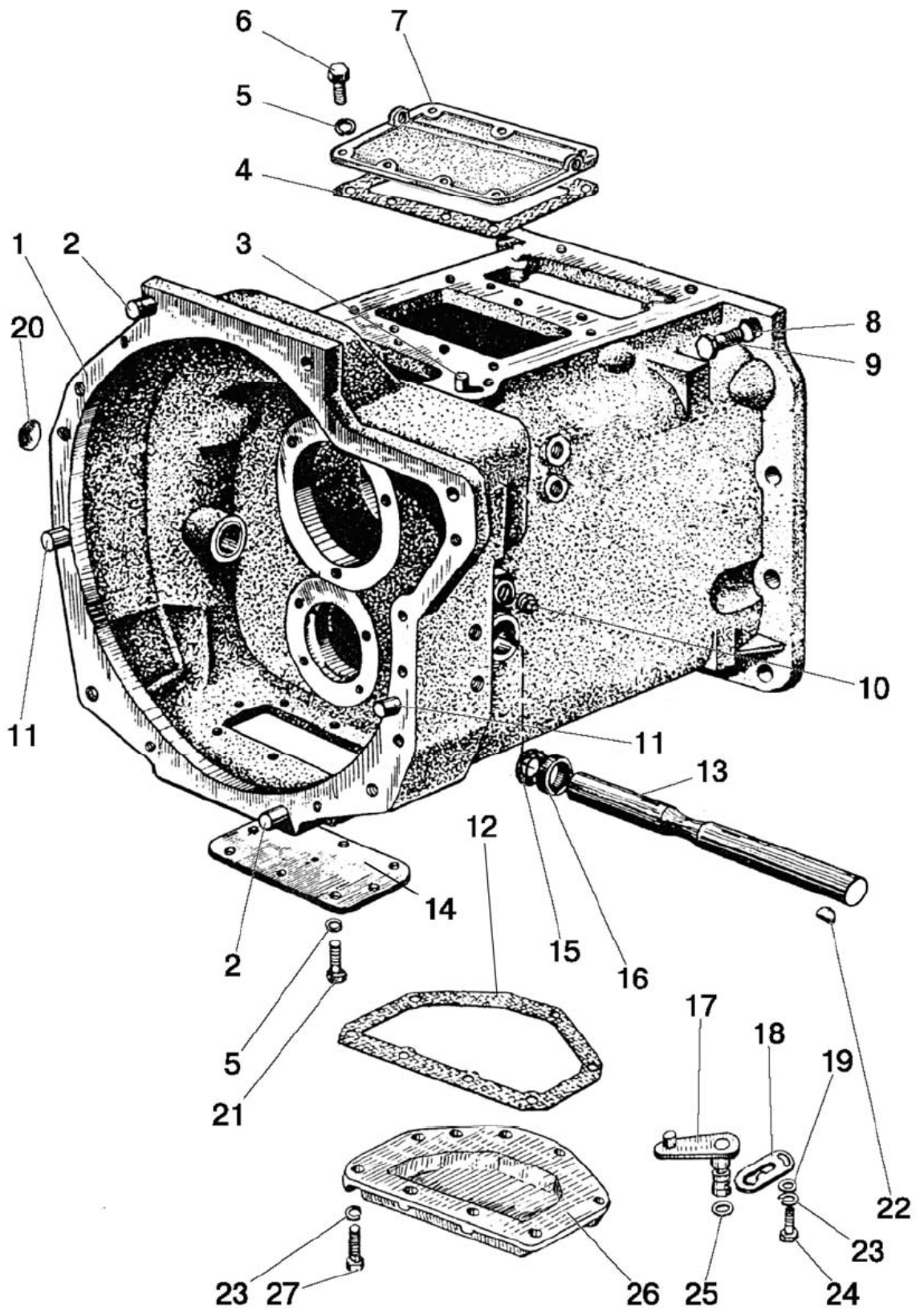


Figure 16.2. Clutch casing

Group 16. Clutch
Subgroup 1601. Clutch casing

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
16.2		70-1600010*	1	Clutch casing (1, 3-7, 10, 12-27 (Fig.16.2)), (1-6, 8-10 (Fig.16.3)), (1-38 (Fig. 16.4)), (1-10 (Fig. 16.5))
		P70-1600010*	1	Clutch casing (1, 3-7, 10, 12-27 (Fig.16.2)), (1-6, 8-10 (Fig.16.3)), (1-38 (Fig. 16.4)), (1-19 (Fig. 16.6))
	1	70-1601015 70-1601015-04*	1	Clutch casing
	2	Д01-015	2	Setting pin
	3	ШПЦК 10x25	2	Pin
	4	50-1601345	1	Gasket
	5	ШПЦ 8	11	Washer
	6	M8x20	7	Bolt
	7	70-1601344	1	Cover
	8	ШПЦ 16	10	Washer
	9	M16x50	10	Bolt
	10	ПК КГ 1 1/4"	1	Plug
	11	50-1601352	2	Pin
	12	70-1601314	2	Gasket
	13	50-1601215	1	Clutch operating shaft
	14	50-1601341	1	Clutch cover
	15	80-4608024	1	Ring
	16	36-1601016	1	Dust deflector body
	17	70-1601140	1	Roller
	18	80-1601099	1	Plate
	19	ШПЦ 10	1	Washer
	20	50-1601022	1	Choke
	21	M8x16	4	Bolt
	22	ШЦ 611	1	Key 6x11
	23	ШПЦ 10	9	Washer
	24	M10x20	1	Bolt
	25	020-025-30-1-4	2	Ring
26	50-1601315	1	Bottom cover	
27	M10x25	8	Bolt	

*For Belarus-82П tractor

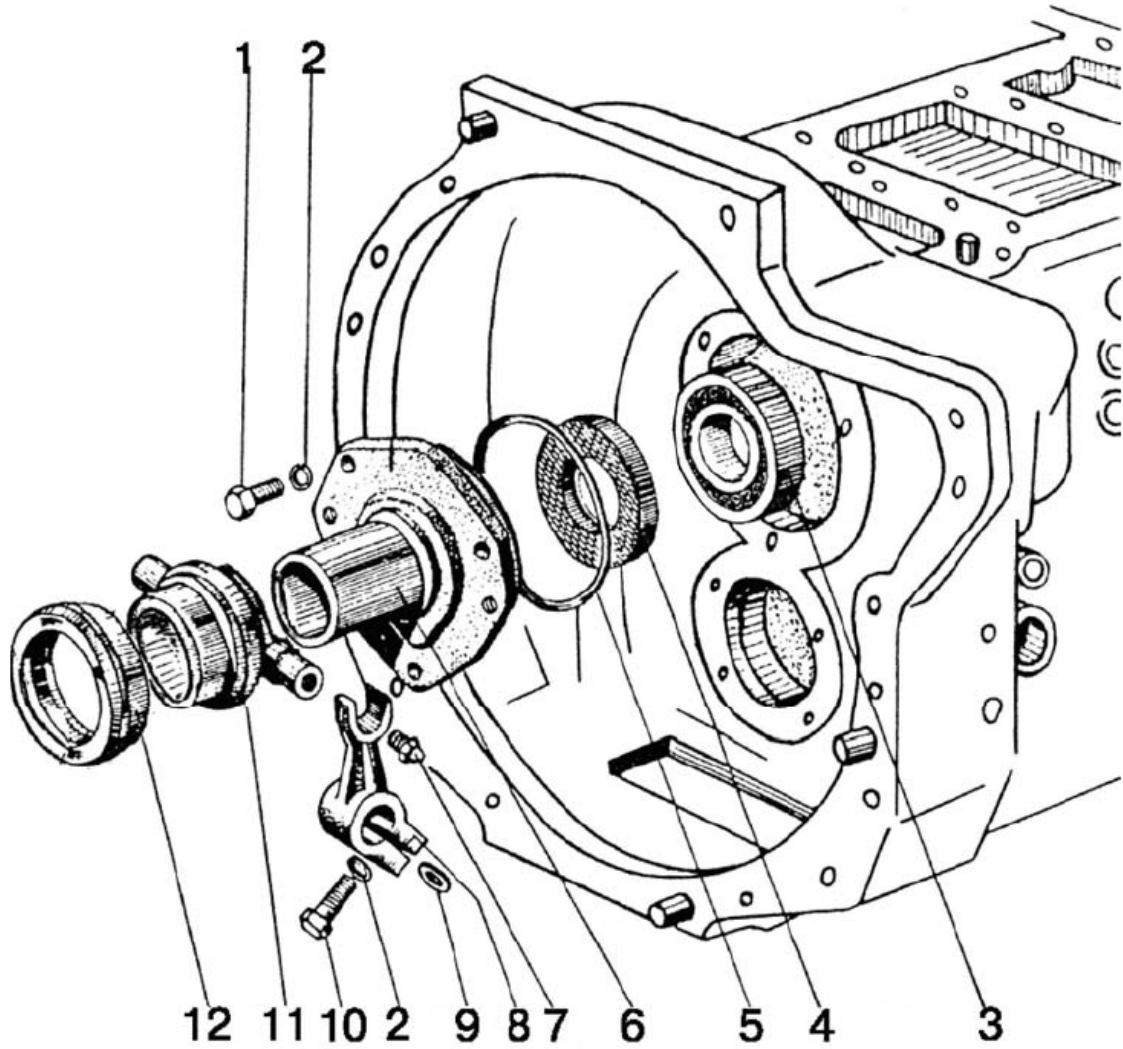


Figure 16.3. Clutch casing (Shifter)

Group 16 Clutch
Subgroup 1601. Clutch casing (shifter)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
	1	M10x25	3	Bolt
	2	IIIИ 10	5	Washer
	3	60210AYIII1	1	Bearing
	4	240-1002055	1	Cup 50 x70 (included in 50-1601172-A)
	5	110-115-30-1-4	1	Ring
	6	50-1601172-A	1	Shifter bracket (includes pieces 240-1002055)
	7	1.1 II6xp	1	Greaser
	8	50-1601203	2	Fork
	9	50-1601218	2	Key
	10	M10x30	2	Bolt
	11	50-1601185-A	1	Shifter
	12	986714 K1C 23	1	Shifter bearing

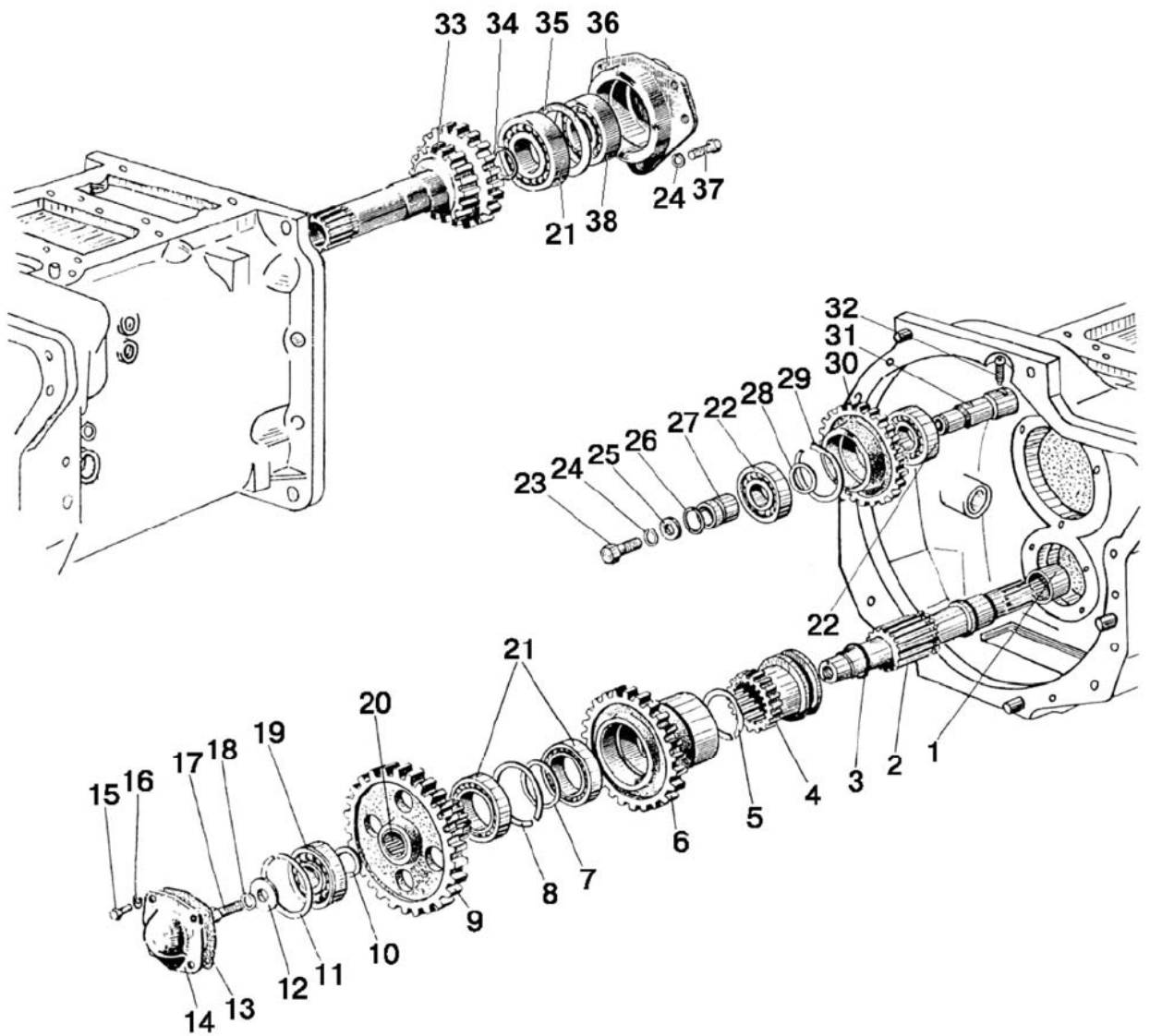


Figure 16.4. Clutch casing (PTO drive, mounted attachment hydraulic system pump drive)

Group 16 Clutch

Subgroup 1601. Clutch casing (PTO drive, mounted attachment hydraulic system pump drive)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
16.4	1	942/40	1	Bearing
	2	70-1601021-Б	1	PTO driving shaft
	3	70-1601076	1	Ring
	4	70-1601081	1	Coupling
	5	2C50	1	Ring
	6	70-1601086-Б	1	PTO drive gear (stage II)
	7	70-1601083	1	Spacer washer
	8	2C90	1	Ring
	9	70-1601088-Б	1	PTO drive gear (stage I)
	10	70-1601082	1	Spacer washer
	11	KCH-72	1	Ring
	12	50-1601038	1	Washer
	13	50-1601091	1	Gasket
	14	50-1601089	1	Bearing cover
	15	M8x16	4	Bolt
	16	IIIИ 8	4	Washer
	17	M12x35	1	Bolt
	18	IIIИ 12	1	Washer
	19	6-50306K	1	Bearing
	20	943/30	2	Bearing
	21	210 AYIIIИ	3	Bearing
	22	305A	2	Bearing
	23	M10x30	1	Bolt
	24	IIIИ 10	4	Washer
	25	10 x 6.01.019	1	Washer
	26	025-030-30-1-4	1	Ring
	27	50-1601336	1	Thrust bushing
	28	70-1601333	1	Ring
	29	2C62	1	Ring
	30	70-1601331	1	Intermediate gear
	31	70-1601335	1	Gear shaft
	32	BM12x25	1	Screw
	33	70-1601026	1	PTO driving shaft
	34	50-1601321	1	Ring
	35	50-1601027	1	Thrust washer
	36	70-1601028	1	Bracket
	37	M10x25	3	Bolt
	38	307-A	1	Bearing

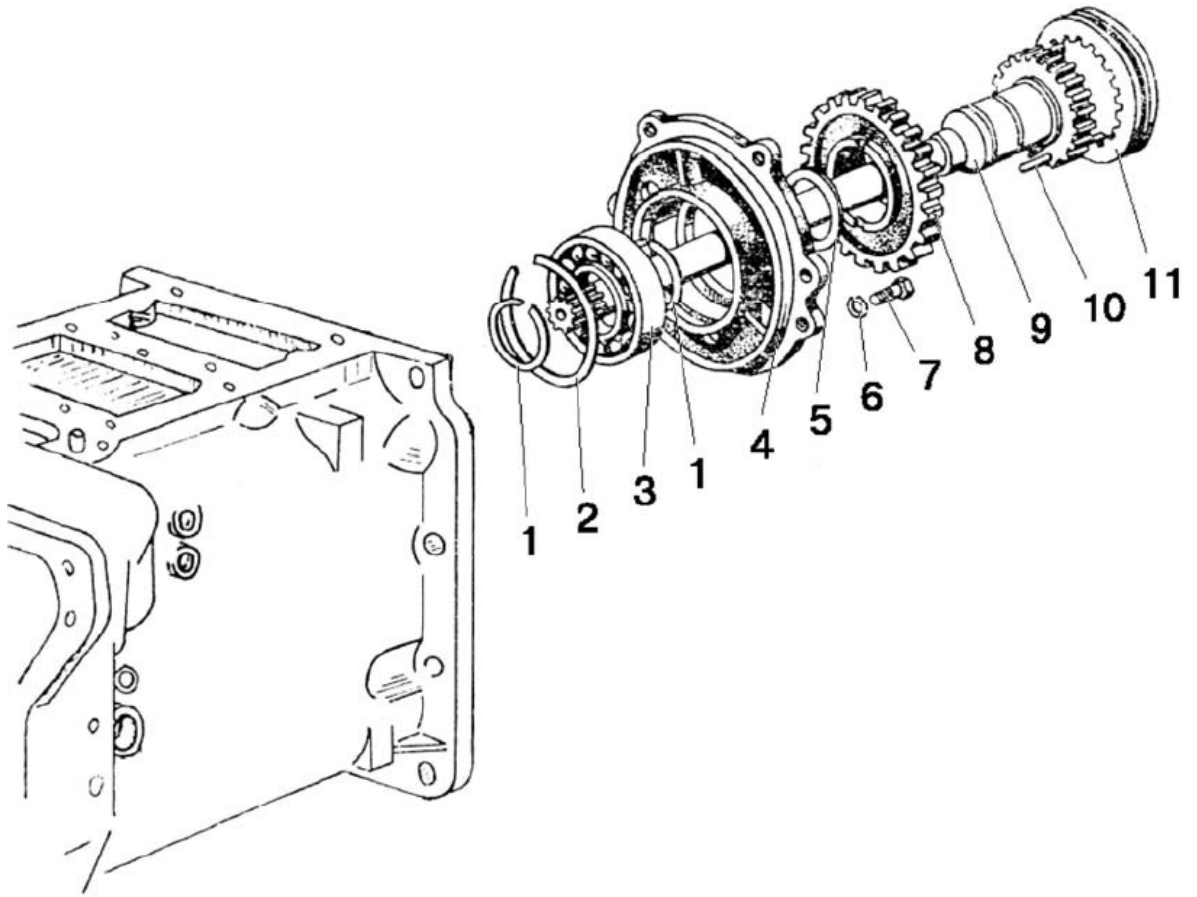


Figure 16.5. Clutch casing (reduction gear)

Group 16 Clutch
Subgroup 1721. Clutch casing (reduction gear)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
16.5		70-1721020	1	Shaft with cover (1-5, 8-10)
	1	2C55	2	Ring
	2	2C100	1	Ring
	3	211AYIII1	1	Bearing
	4	70-1721022	1	Thrust cover
	5	70-1721023	1	Thrust washer
	6	IIII 10	4	Washer
	7	M10x25	4	Bolt
	8	70-1721031	1	Gear
	9	70-1721113-A	1	Power shaft
	10	4 x 348A3	47	Roller
11	70-1721045	1	Clutch	

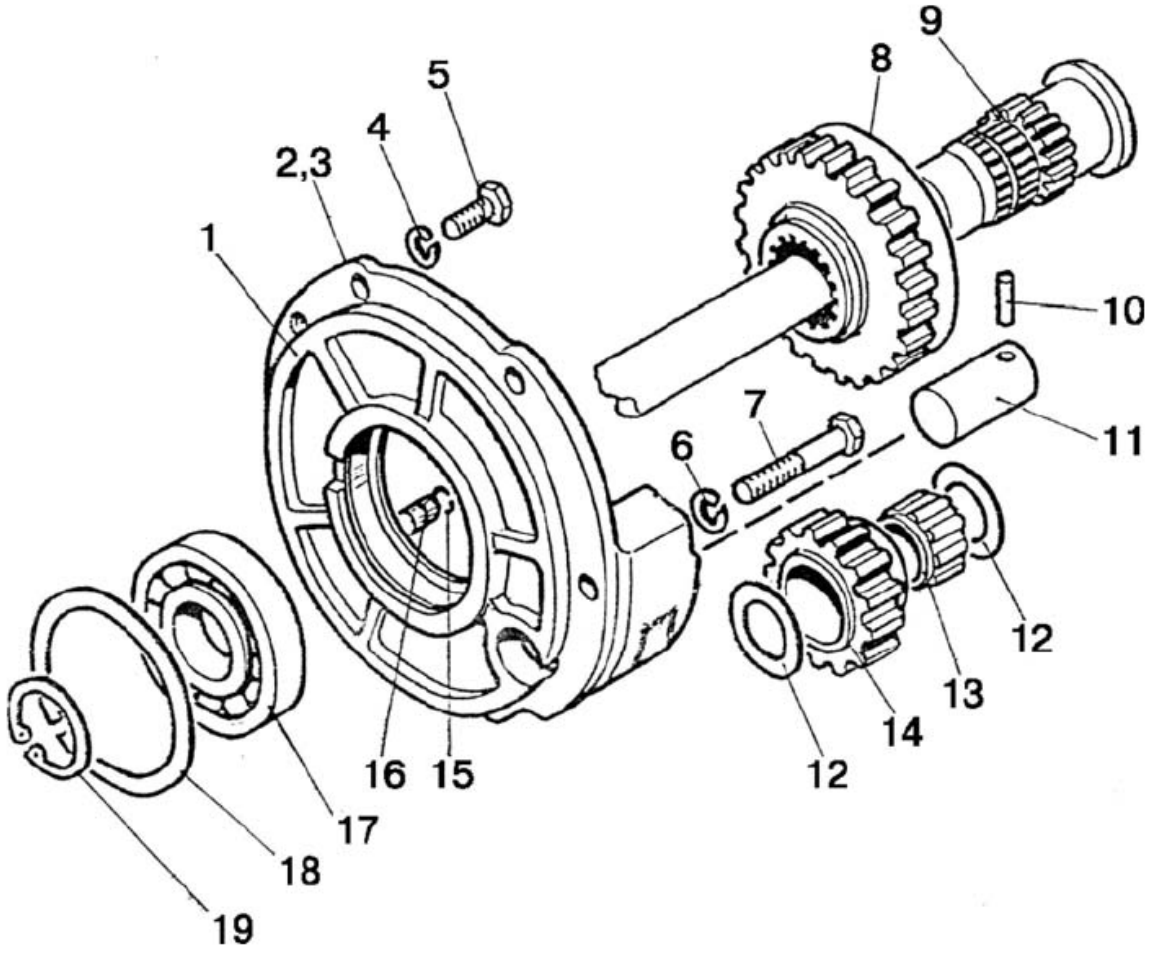


Figure 16.6. Clutch casing (reverse gear)

Group 16. Clutch.

Subgroup 1721. Clutch casing (reverse gear)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
16.6		P70-1721020	1	Shaft (1, 8-14, 17-19)
	1	P70-1721022	1	Thrust cover
	2	74-1721023	4(max)	Gasket 0,50 mm
	3	74-1721023-01	4(max)	Gasket 0,20 mm
	4, 6	IIII 10	4	Washer
	5	M10x25	3	BOLT
	7	M10x75	1	BOLT
	8	P70-1721090	1	Gear
	9	74-1721113	1	Clutch shaft
	10	70-1723012	1	Pin
	11	P70-1721023	1	Shaft
	12	P70-1721021	2	Washer
	13	864906E	1	Roller bearing
	14	P70-1721024	1	Gear
	15	12-12-306	1	Split ring
	16	52-2308094	1	Pin
	17	211AIII1	1	Ball bearing
	18	2C100	1	Ring
	19	2C55	1	Ring

* optionally

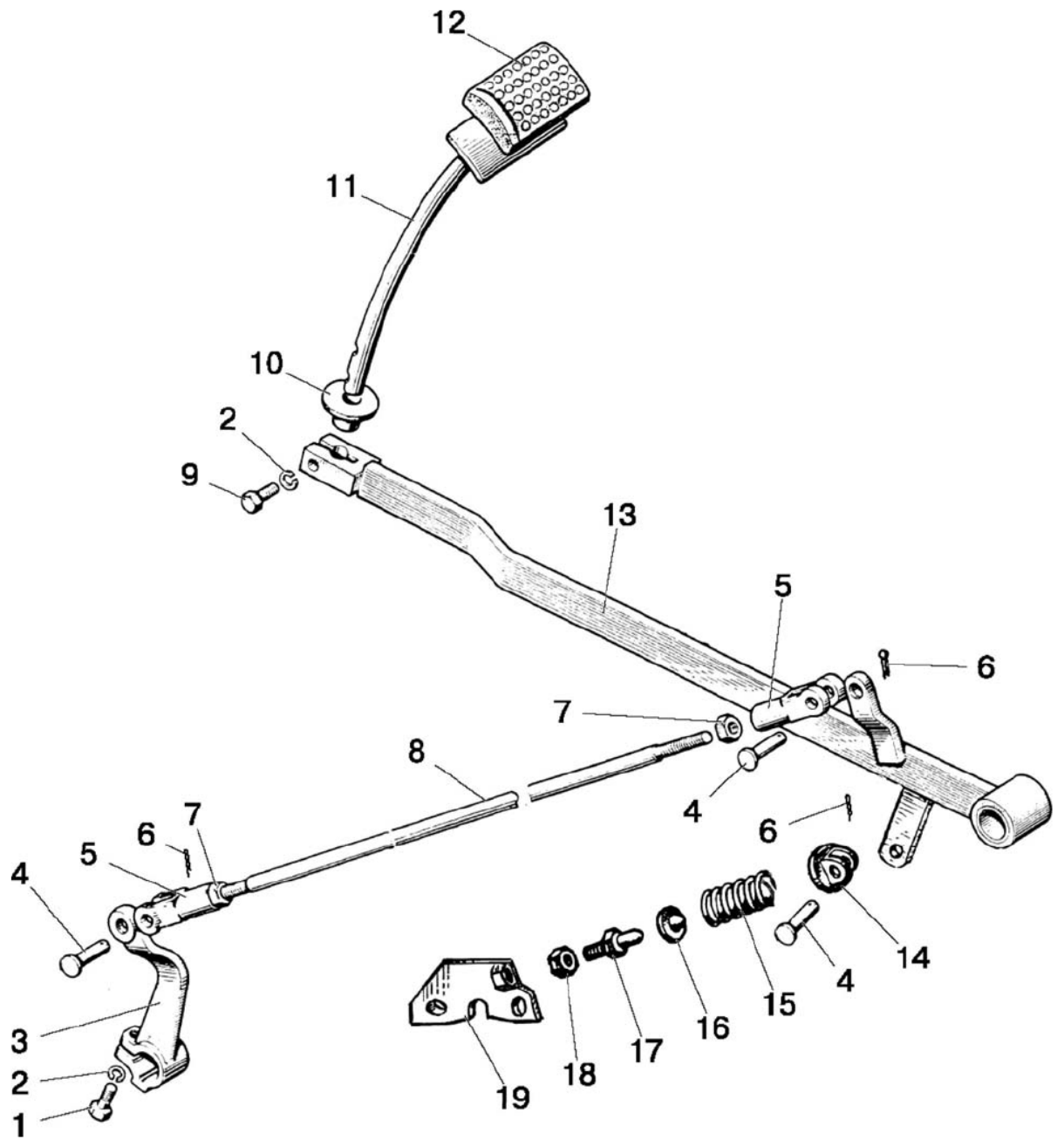


Figure 16.7. Clutch control

Group 16. Clutch
Subgroup 1602. Clutch control

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
16.7		80-1602010-Б	1	Clutch control (1-19)
		85-1602110-Б	1	Rod (5, 7, 8)
	1	M12x35	1	Bolt
	2	ШШ 12	2	Washer
	3	80-1601219-Б	1	Lever
	4	12x32	3	Pin
	5	50-3502203	2	Fork
	6	3.2x18	3	Cotter pin
	7	M12x1.25	2	Nut
	8	85-1602112-Б	1	Rod
	9	M12x30	1	Bolt
	10	80-3503158-А	1	Seal
	11	80-1602040-Б	1	Pad rod
	12	A13.33.002	1	Pad
	13	80-1602020-Б1	1	Pedal
	14	50-1602027	1	Stop
	15	50-1602032	1	Spring
	16	50-1602029	1	Stop
	17	80-1602033	1	Stop bolt
18	M16	1	Nut	
19	80-1602075-Б * 80-1602075-Д*	1	Bracket	

* for tractors with a speed-reducing unit drive

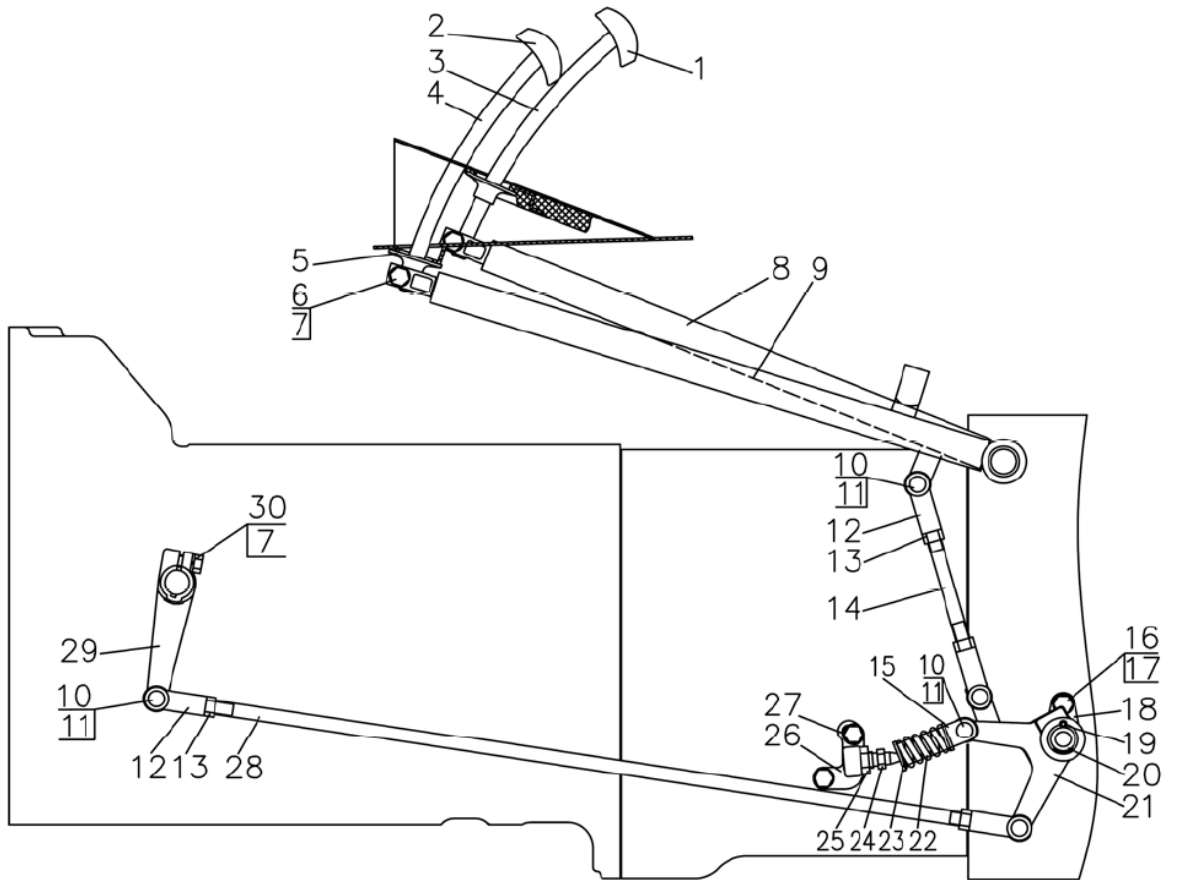


Figure 16.8. Clutch control (for Belarus-80Y/82Y tractor)

Group 16. Clutch
Subgroup 1602. Clutch control (for Belarus-80Y/82Y tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
16.8		80Y-1602010	1	Clutch control (1-30)
		80-1602080	1	Rod (12, 13, 14)
		50-1602110	1	Rod (12, 13, 28)
	1	A13.34.001	1	Coupling
	2	A13.33.002	1	Coupling
	3	80Y-3503160-01	1	Pedal
	4	80-1602040-Б	1	Pad rod
	5	80-3503158-A	1	Seal
	6	M12x30	2	Bolt
	7	IIIИ 12	3	Washer
	8	80-1602020-Б1	1	Pedal
	9	80Y-1602170	1	Lever
	10	12 x 32	5	Pin
	11	3.2x18	5	Cotter pin
	12	50-3502203	4	Fork
	13	M12x1.25	4	Nut
	14	80-1602082	1	Rod
	15	50-1602027	1	Stop
	16	M10x20	1	Bolt
	17	IIIИ 10	1	Washer
	18	70-1602120	1	Shaft flange
	19	5x36	1	Cotter pin
	20	50-3503071	1	Washer
	21	80Y-1602040	1	Clutch pedal hub
	22	50-1602032	1	Spring
	23	50-1602029	1	Thrust washer
	24	80-1602033	1	Bolt
	25	M16	1	Nut
	26	50-1602034-Б	1	Bracket
	27	IIIИ 12	1	Washer
28	50-1602112	1	Rod	
29	50-1601217	1	Lever	
30	M12x35	1	Bolt	

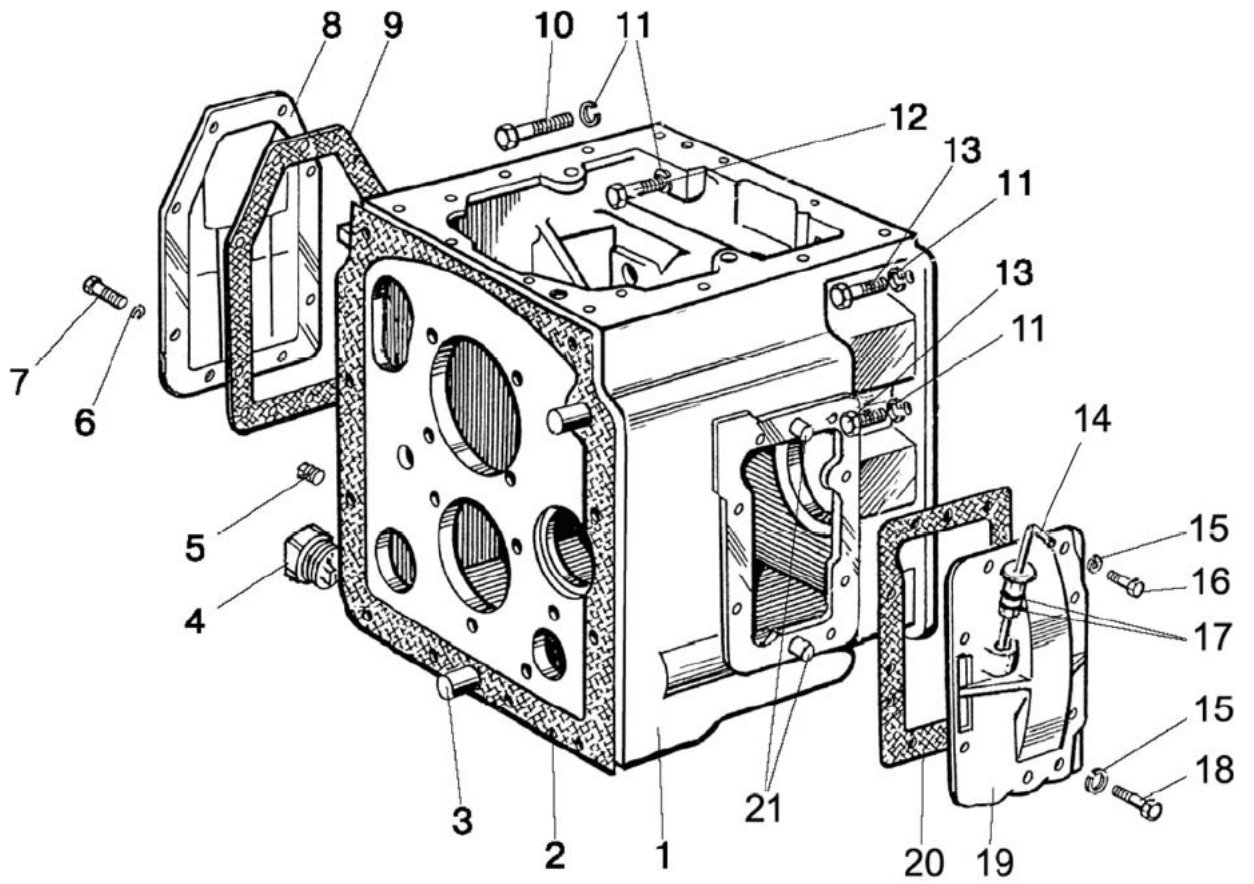


Figure 17.1. Gearbox (gearbox casing)

Group 17. Gearbox
Subgroup 1701. Gearbox (gearbox casing)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.1		70-1700010-Б1	1*	Gearbox
		72-1700010-Б1	1**	Gearbox
	1	50-1701025A	1	Gearbox casing
	2	50-1701026	1	Gasket
	3	50-4605027	2	Pin
	4	70-1701300	1	Plug 1¼"
	5	КТ-3/8"	1	Plug
	6	ШП 10	8	Washer
	7	M10x35	8	Bolt
	8	50-1701458	1*	Right cover (for tractors 80.1)
	9	50-1701459	1	Gasket
	10	M16x100	2	Bolt
	11	ШП 16	11	Washer
	12	M16 x 60	2	Bolt
	13	M16x55	7	Bolt
	14	70-1701415-A	1	Oil gauge
	15	ШП 12	7	Washer
	16	M12x45	2	Bolt
	17	011-015-25-2-4	2	Ring
	18	M12x35	5	Bolt
	19	70-1701454-A2	1	Left cover
20	50-1701456-A	1	Gasket	
21	Д01-015	2(4)**	Pin	

* For Belarus-80.1/80.2/80.3/80Y tractors

** For Belarus-82.1/820/82.3/82Y/82P/82П tractors

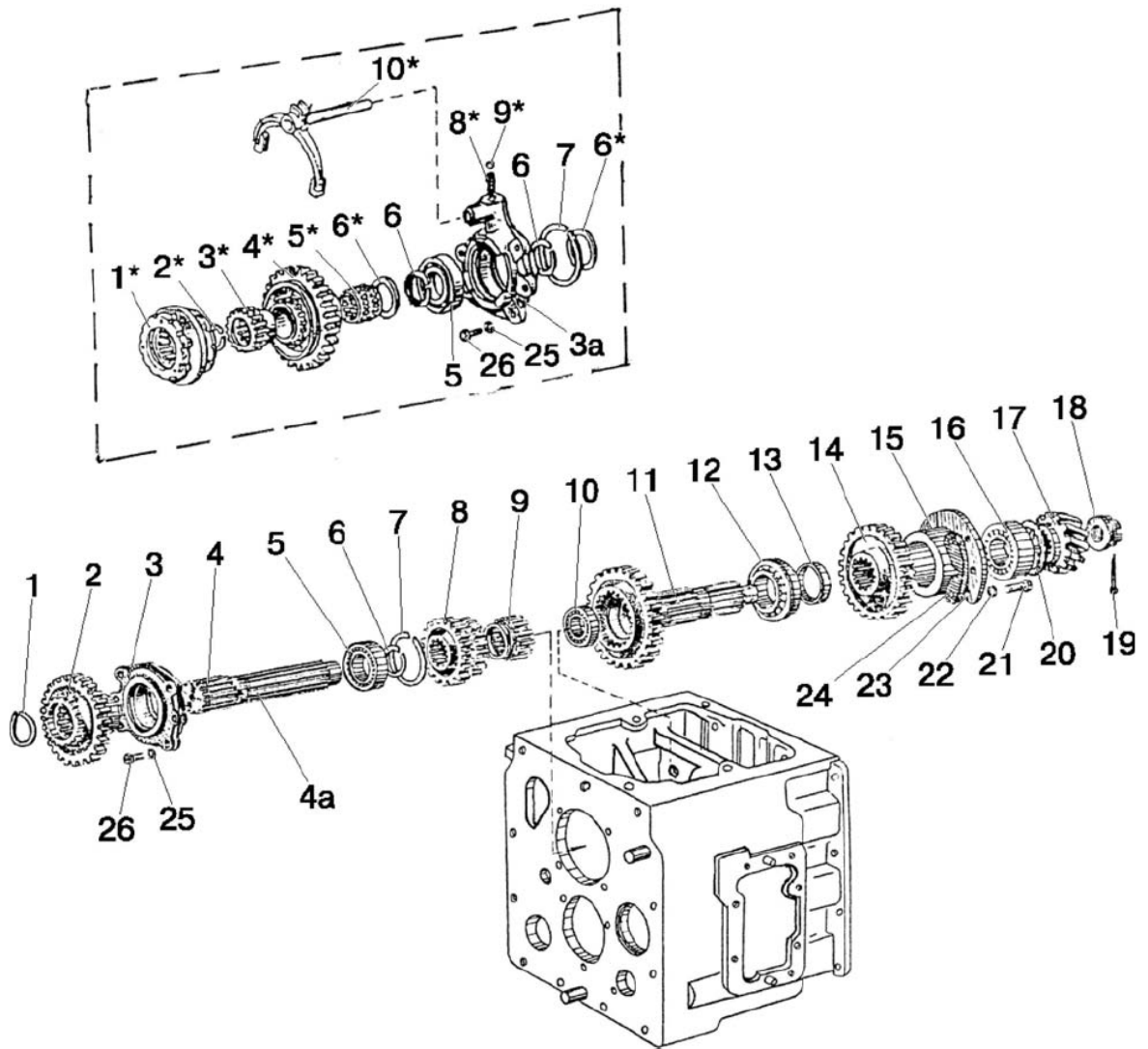


Figure 17.2. Primary shaft. Secondary shaft

**Group 17. Gearbox
Subgroup 1701. Primary shaft. Secondary shaft**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.2		48-1701030-A	1	Primary shaft (3-9)
		50-1701040	1	Secondary shaft (10-13)
		50-1701050	1	Bearing cage (15, 16)
	1	2C60	1	Ring
	2	70-1721025	1	Gear of the speed reducer
	3	50-1701034	1	Shaft cage
	4	48-1701032-A	1	Primary shaft
	5	210 AYIII1	1	Bearing
	6	2C50	1	Ring
	7	2C90	1	Ring
	8	50-1701048-A	1	Fourth- and fifth-speed gear
	9	50-1701045	1	Third-speed gear
	10	208A	1	Bearing
	11	50-1701252	1	Secondary shaft
	12	6-67512AIII2	1	Bearing
	13	50-1701312	1	Spacing bushing
	14	50-1701314	1	Second-stage gear
	15	50-1701255	1	Cage
	16	6-7610AIII2	1	Bearing
	17	50-1701105-B	1	Final drive pinion (the spare parts are only delivered as a complete set)
	18	50-1701253	1	Nut M36x1,5
	19	5x45-001	1	Cotter pin
	20	50-1701254-A	1	Washer
	21	M12x35	4	Bolt
	22	III 12	4	Washer
	23	50-1701259	2	Adjusting shim 0.5 mm
24	50-1701258	10	Adjusting shim 0.2 mm	
25	III 10	4	Washer	
26	M10x25	4	Bolt	

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.2		822-1701030		Primary shaft (3-9)
	1*	74-1701060-A		Synchronizer
	2*	C 40		Ring
	3*	74-1721028		Bushing
	3a	74-1701034-B-01		Cage
	4*	P74-1721080 or 74-1721080-01		Gear (of the reverse gear)
	4a	P70-1701032		Shaft (of the reverse gear)
	5	210AYIII1		Bearing
	5*	3KK50x57x36E		Bearing
	6*	74-1701026		Washer
	6	2C50		Ring
	7	2C90		Ring
	8*	50-1702148-A		Spring
	9*	10,0-60		Ball
10	74-1723020-B		Fork	

*Complete with a reverse gear (see the upper fragment in Figure 17.2)

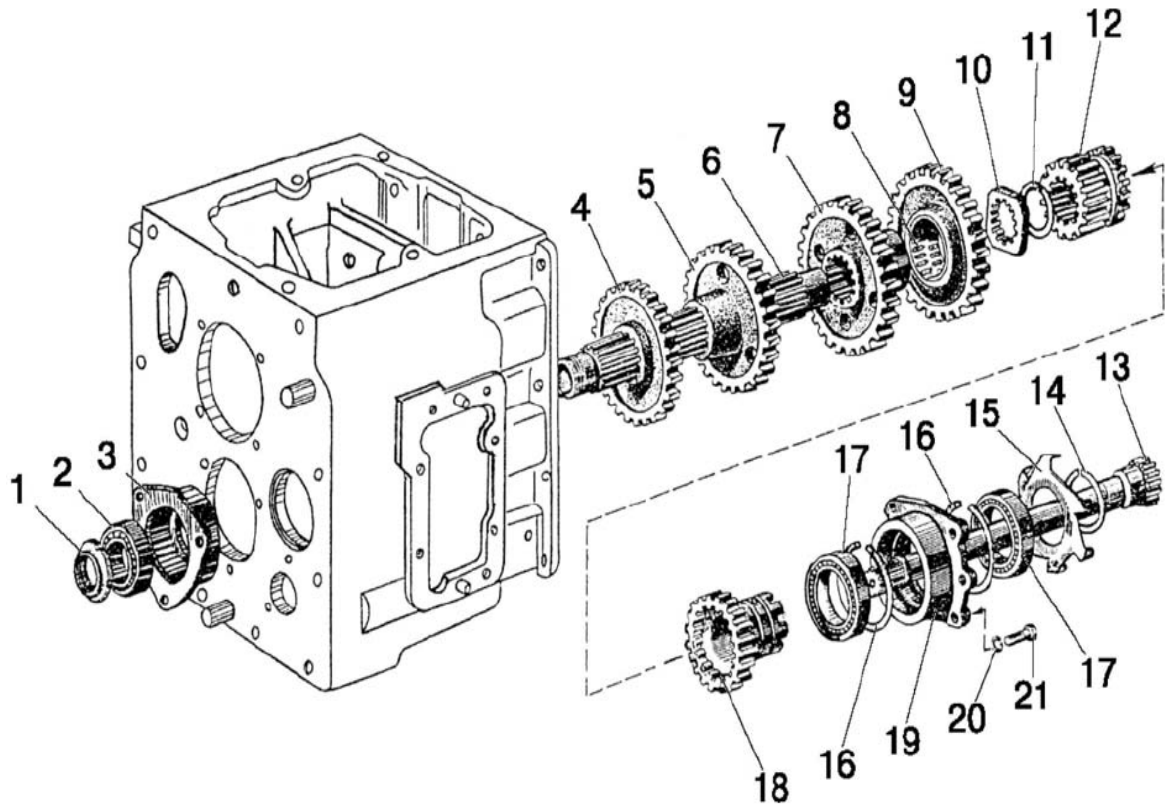


Figure 17.3. Internal shaft. Intermediate shaft

**Group 17. Gearbox
Subgroup 1701. Internal shaft. Intermediate shaft**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.3		50-1701190-A	1	Second-stage gear (14-19)
		50-1701200	1	Bearing housing (2-3)
		Φ50-1701065	1	Gear (7-10)
	1	50-1701181	1	Shaft nut
	2	60210AYIII1	1	Bearing
	3	50-1701184	1	Bearing housing
	4	50-1701218	1	Fifth-speed and reverse gear
	5	50-1701216	1	Fourth-speed gear
	6	70-1701182-Б	1	Intermediate shaft
	7	50-1701214	1	Third-speed gear
	8	3KK 72 x 82x45 E	1	Bearing
	9	Φ50-1701056-Б	1	Intermediate gear
	10	50-1701183	1	Thrust washer
	11	50-1701187	1	Stop
	12	70-1701196	1	First-stage gear
	13	50-1701185	1	Internal shaft
	14	2C75	1	Ring
	15	50-1701401	1	Impeller
	16	2C115	2	Ring
	17	6-12115EMYIII1	2	Bearing
	18	50-1701198-A	1	Second-stage gear
19	50-1701195	1	Cage	
20	IIII 12	4	Washer	
21	M12x35	4	Bolt	

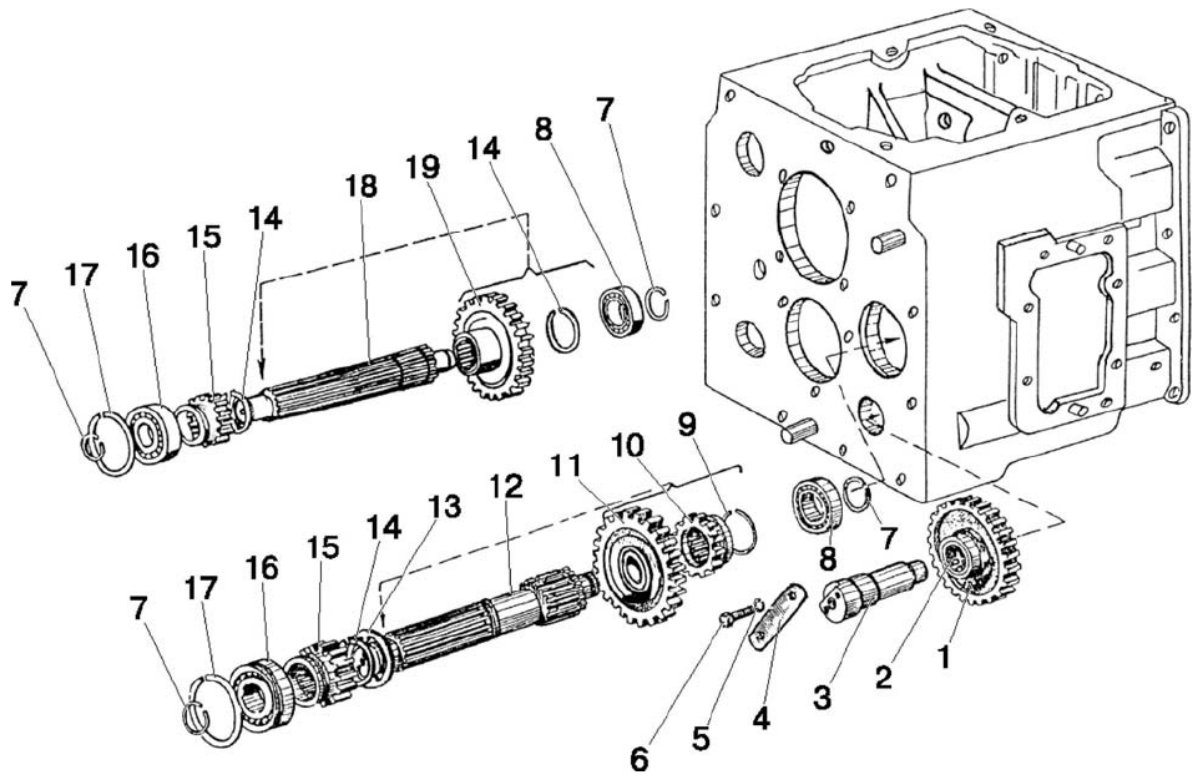


Figure 17.4. Shaft of the first and reverse gear

**Group 17. Gearbox
Subgroup 1701. Shaft of the first and reverse gear**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.4		70-1701080	1	Gear(1,2)
		70-1701380	1*	Shaft of the first and reverse gear (9-15)
		50-1701380-A	1	Shaft of the first and reverse gear (7-19)
	1	70-1701082	1	Reverse intermediate gear
	2	3KK 30x35x46 E	1	Bearing
	3	50-1701434-A	1	Axle
	4	50-1702082-A	1	Slat
	5	IIIИ 10	2	Washer
	6	M10x25	2	Bolt
	7	X4M-1701163	2	Ring
	8	208A	1	Bearing
	9	2C65	2 /1*	Ring
	10	70-1701072	1*	Gear
	11	70-1701224	1*	Speed-reducing unit drive gear
	12	70-1701382	1*	Shaft of the first and reverse gear
	13	70-1701226	1*	Washer
	14	2C50	2 /1*	Ring
	15	50-1701212-A	1	Gear
	16	50308A	1	Bearing
17	90	1	Ring	
18	50-1701382-A	1	Shaft of the first and reverse gear	
19	Φ50-1701224	1	Gear	

* For tractors with a speed-reducing unit drive and Belarus-82Π tractor

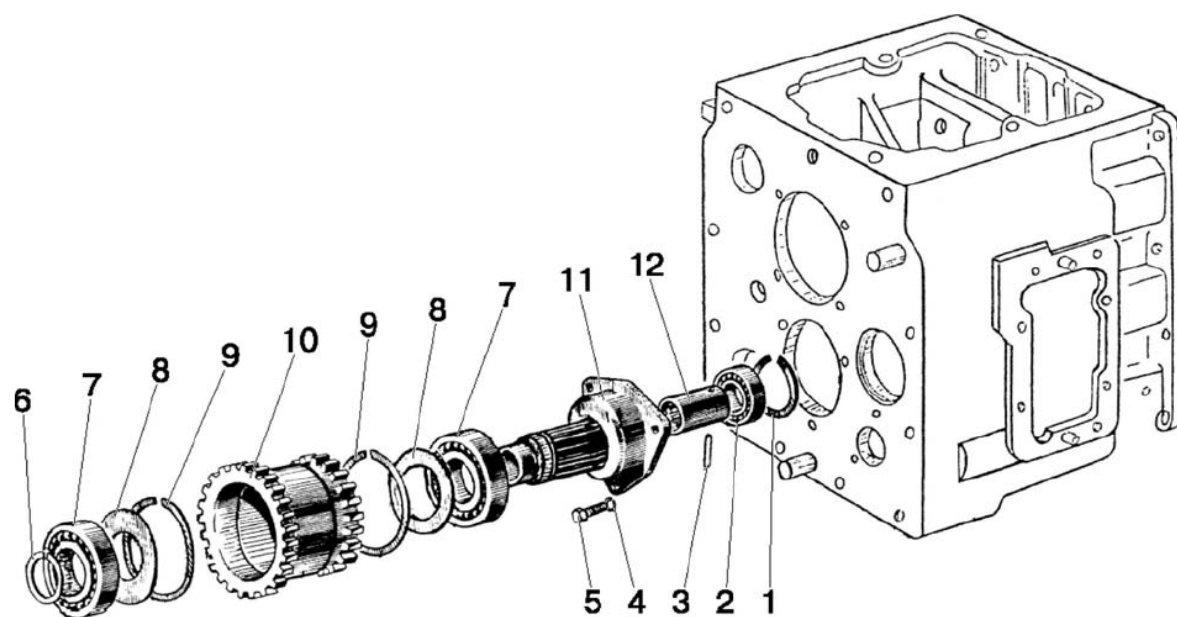


Figure 17.5. Reduction gear

**Group 17. Gearbox
Subgroup 1701, 1721. Reduction gear**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.5		70-1701170	1	Shaft housing (1, 2, 11,12)
		70-1721040	1	Gear (7-10)
		50-1721040*	1	Gear (7-10)
	1	2C80	1	Ring
	2	307 A	1	Bearing
	3	A8x45	1	Spring pin
	4	IIIИ 10	3	Washer
	5	M10x35	3	Bolt
	6	2C60	1	Ring
	7	212AYIII1	2	Bearing
	8	70-1721318	2	Oil slinger
	9	2C110	2	Ring
10	70-1721041 50-1721041*	1	Gear	
11	70-1701186	1	Housing	
12	50-1701188	1	Bushing	

* complete with an accelerator and reverse gear

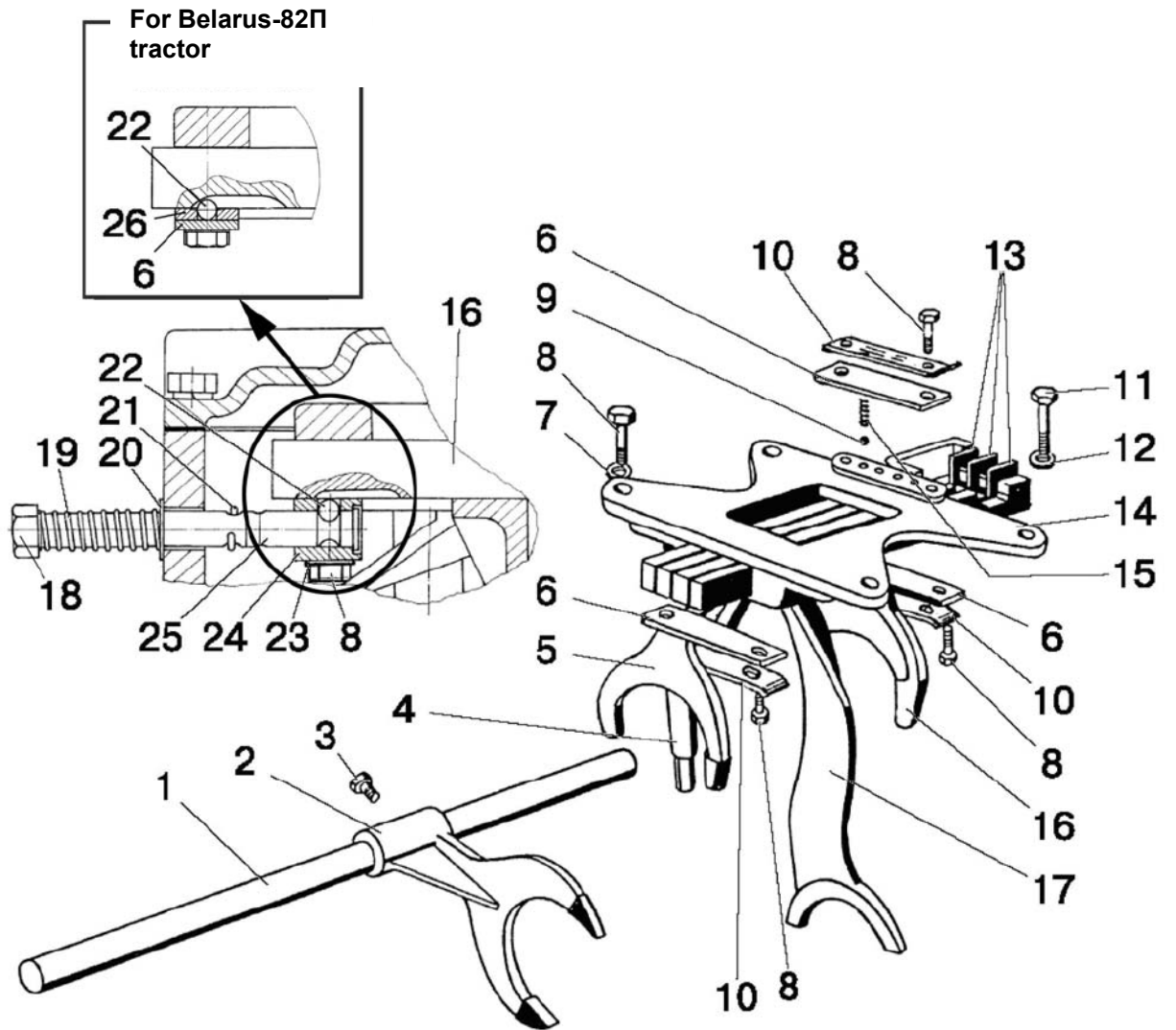


Figure 17.6. Gear shift mechanism. Casing of forks

Group 17. Gearbox

Subgroup 1702. Gear shift mechanism. Casing of forks

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.6		50-1702080-A	1	Casing of forks (4-6, 9-10, 13-17)
		50-1702080-A-01*	1	Casing of forks (4-6, 8-10, 13-17, 22-25)
		50-1702080-A-03**	1	Casing of forks (4-6, 8-10, 13-17, 22, 26)
	1	50-1702063	1	Roller
	2	50-1702028	1	Fork
	3	36-1702110	1	Screw
	4	50-1702095-A1	1	Arm
	5	50-1702116	1	Fork of the fourth and fifth gears
	6	50-1702081	3(2)*	Slat
	7	ИИИ 10	2	Washer
	8	M10x25	8	Bolt
	9	10.0-60	4	Ball
	10	50-1702107-A	3	Locking plate
	11	50-1702092	2	Bolt
	12	ИИИ 12	2	Washer
	13	50-1702083	3	Lock slat
	14	50-1702085	1	Casing of forks
	15	50-1702148-A	4	Spring
	16	50-1702096	1	Fork of the third gear
	17	74-1702086	1	Fork of the first and reverse gear
	18	70-1702073*	1	Rod
	19	70-1702077*	1	Spring
	20	70-4605163*	1	Washer
	21	2x20*	1	Cotter pin
	22	7,938-100***	1	Ball
	23	50-1702107*	2	Locking plate
24	70-1702072*	1	Bracket	
25	70-1702071*	1	Rod	
26	50-1702081-01**	1	Slat	

* For Belarus-82P tractor

** For Belarus-82Π tractor

*** For Belarus-82P/82Π tractor

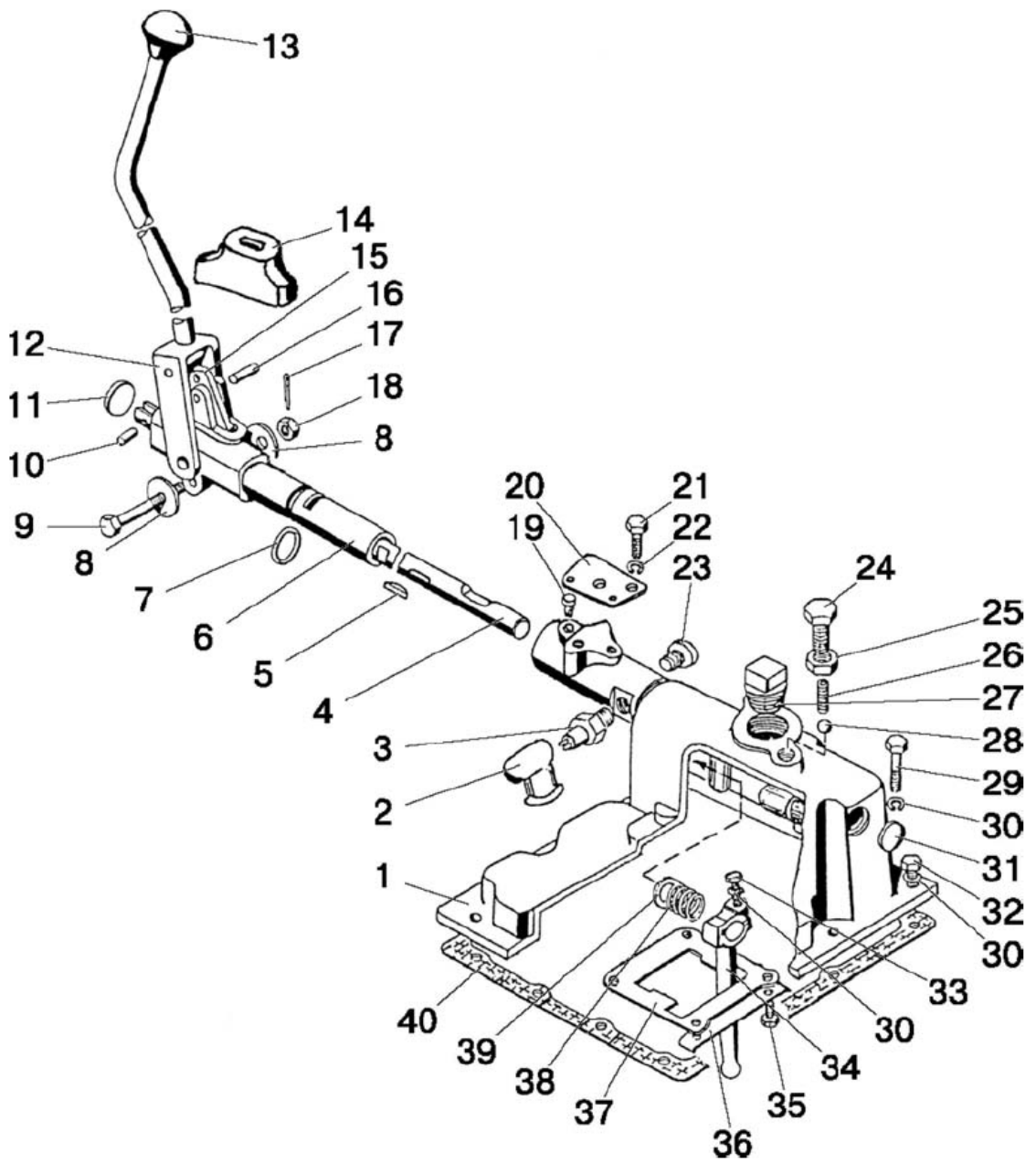


Figure 17.7. Gear shift mechanism. Cover

**Group 17. Gearbox
Subgroup 1702. Gear shift mechanism. Cover**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.7		70-1703010-A1	1	Cover (1, 3-18, 22-28, 31, 33-39)
	1	70-1703025-Б	1	Cover
	2	50Л-3724050	1	Boot
	3	БК 12-51	1	Switch
	4	70-1703201 -Б-01	1	Shaft
	5	СШ611	1	Key 6x11
	6	70-1703210-Б	1	Support
	7	030-034-25-1-4	1	Ring
	8	ШПЧ 12	2	Washer
	9	50-2403034-01	1	Bolt
	10	ШПЦК 8x20	1	Pin
	11	35-10 кл Ц9Хр	1	Choke
	12	70-1703220-A	1	Lever
	13	70-1702125	1	Handle
	14	70-1703203-A	1	Boot
	15	70-1703202-A	1	Arm
	16	ШПЦК 8x25	1	Pin
	17	3.2x25	1	Cotter pin
	18	M12	1	Nut
	19	70-1703205	1	Stopper
	20	80-3503048	1	Bracket
	21	M12x20	2	Bolt
	22	ШПН 12	2	Washer
	23	70-1702053	1	Plug
	24	70-1703204	1	Bolt
	25	M16	1	Nut
	26	50-1702148-A	1	Spring
	27	КГ 1 1/4"	1	Plug
	28	13.8-60	1	Ball 13.8 mm
	29	M10x60	2	Bolt
	30	ШПН 10	13	Washer
	31	28-10 кл Ц19хр	1	Choke
	32	M10x35	10	Bolt
	33	M10x30	1	Bolt
	34	70-1703011	1	Lever
	35	M10x18	4	Bolt
	36	50-1702107-A	2	Locking plate
	37	70-1703084	1	Plate
	38	70-1703057	1	Spring
	39	70-1703058	1	Washer
40	50-1702026	1	Gasket	

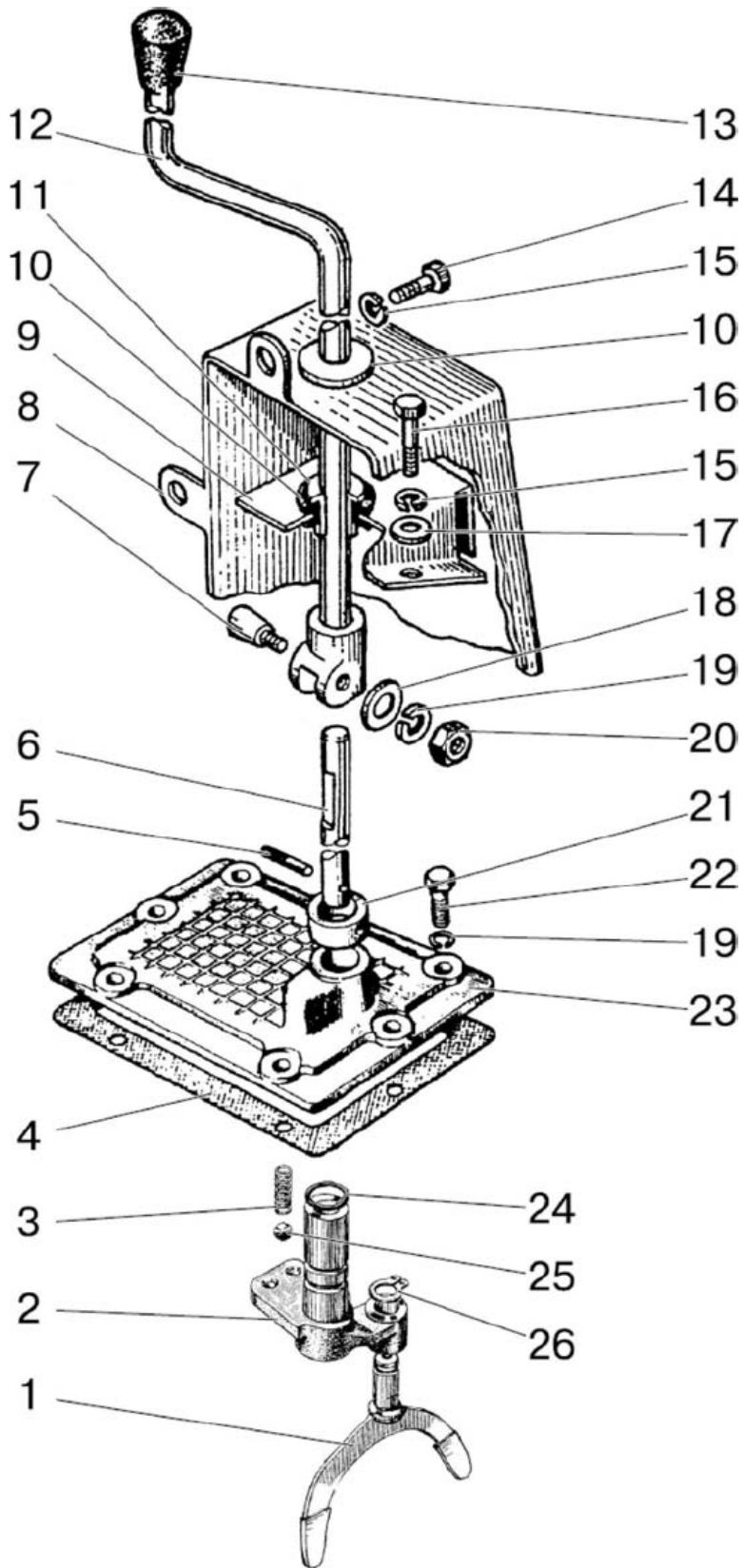


Figure 17.8. Reduction gear control

**Group 17. Gearbox
Subgroup 1723. Reduction gear control**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.8		80-1723010-Б	1	Reduction gear control (1-3, 5, 6, 21, 23-26)
		80-1723065	1	Lever (7, 12, 13, 18-20)
	1	80-1721021	1	Fork
	2	70-1723020	1	Shaft with lever
	3	50-1702148-A	1	Spring
	4	50-1601347	1	Gasket
	5	70-1723012	1	Pin
	6	70-1723024	1	Bar
	7	70-1723063	1	Wedge
	8	80-6700370-Б	1	Shroud
	9	80-6702291	1	Tie plate
	10	70-3723024	2	Bushing
	11	70-4605308-Б	1	Bushing
	12	80-1723060	1	Lever
	13	A61-01-014	1	Handle
	14	M6x20	3	Bolt
	15	ШП 6	5	Washer
	16	M6x14	2	Bolt
	17	ШП 6	2	Washer
	18	ШП 10	1	Washer
	19	ШП 10	7	Washer
	20	M10	1	Nut
	21	70-1723032	1	Bushing
	22	M10x30	6	Bolt
	23	70-1723015	1	Cover
	24	025-030-30-2-2	1	Ring
25	10,0-60	1	Ball	
26	C16	1	Ring	

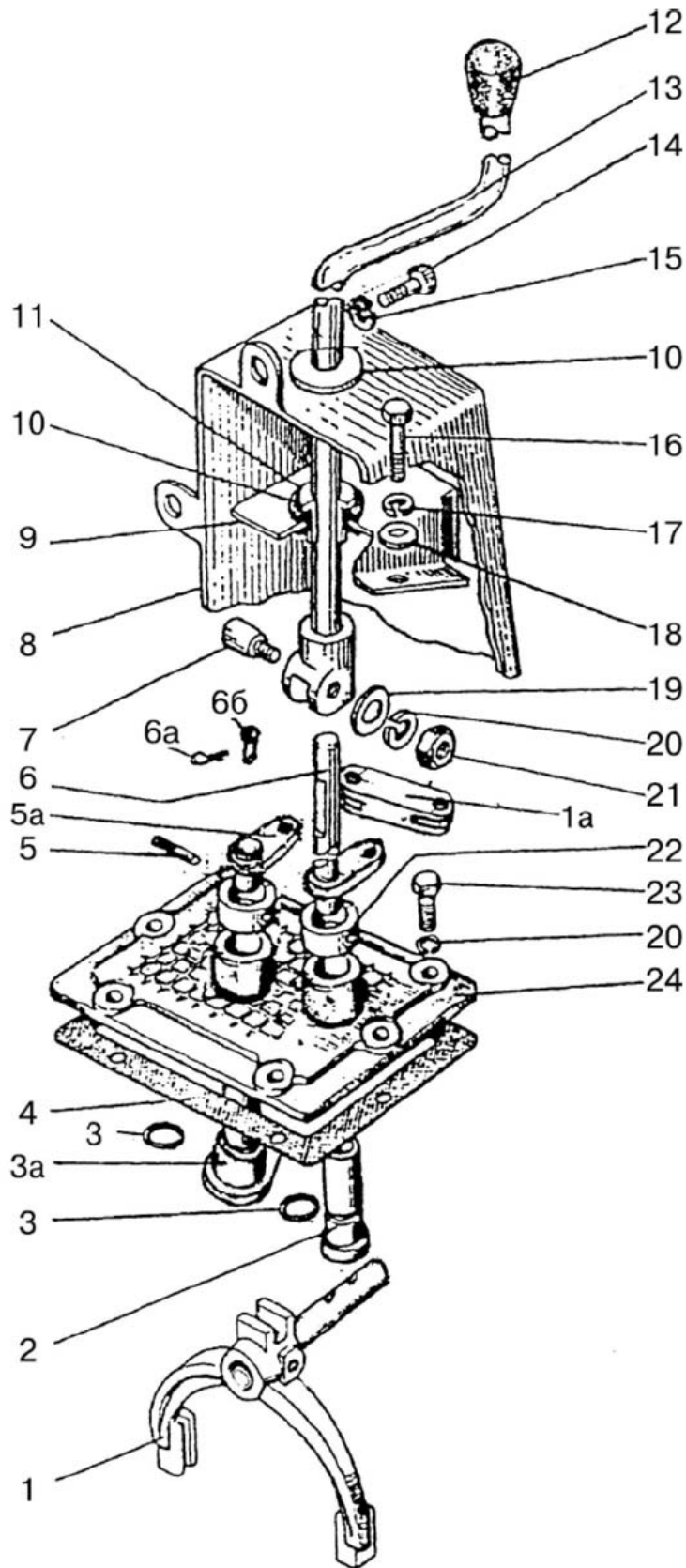


Figure 17.9. Reverse gear control

**Group 17. Gearbox
Subgroup 1723. Reverse gear control**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.9		P70-1723010	1	Cover (1a, 2, 3, 3a, 5, 5a, 6, 6a, 66, 22, 24)
		P70-1723060	1	Lever (7, 13, 19-21)
	1a	P70-1723013	1	Slat
	1	74-1723020-Б	1	Fork
	2	P70-1723011	1	Lever axle
	3	020-025-30-1-4	2	Seal ring
	3a	74-1723140	1	Lever
	4	50-1601347	1	Gasket
	5	70-1723012	1	Pin
	5a	P70-1723020	1	Axle
	6	P70-1723030	1	Lever
	6a	3.2x18	2	Cotter pin
	66	10x28	2	Pin
	7	70-1723063	1	Wedge
	8	80-6700370-Б	1	Shroud
	9	80-6702291	1	Tie plate
	10	70-3723024	1	Bushing
	11	70-4605308-Б	1	Bushing
	12	A15.05.020-01	1	Handle
	13	P70-1723065	1	Lever
	14	M16x20	5	Bolt
	15,17	ШШП 6	3	Washer
	16	M6x14	2	Bolt
	18	ШПЧ 6	2	Washer
19	ШПЧ 10	1	Washer	
20	ШШП 10	9	Washer	
21	M10	1	Nut	
22	70-1723032	2	Bushing	
23	M10x30	6	Bolt	
24	P70-1723015	1	Cover	

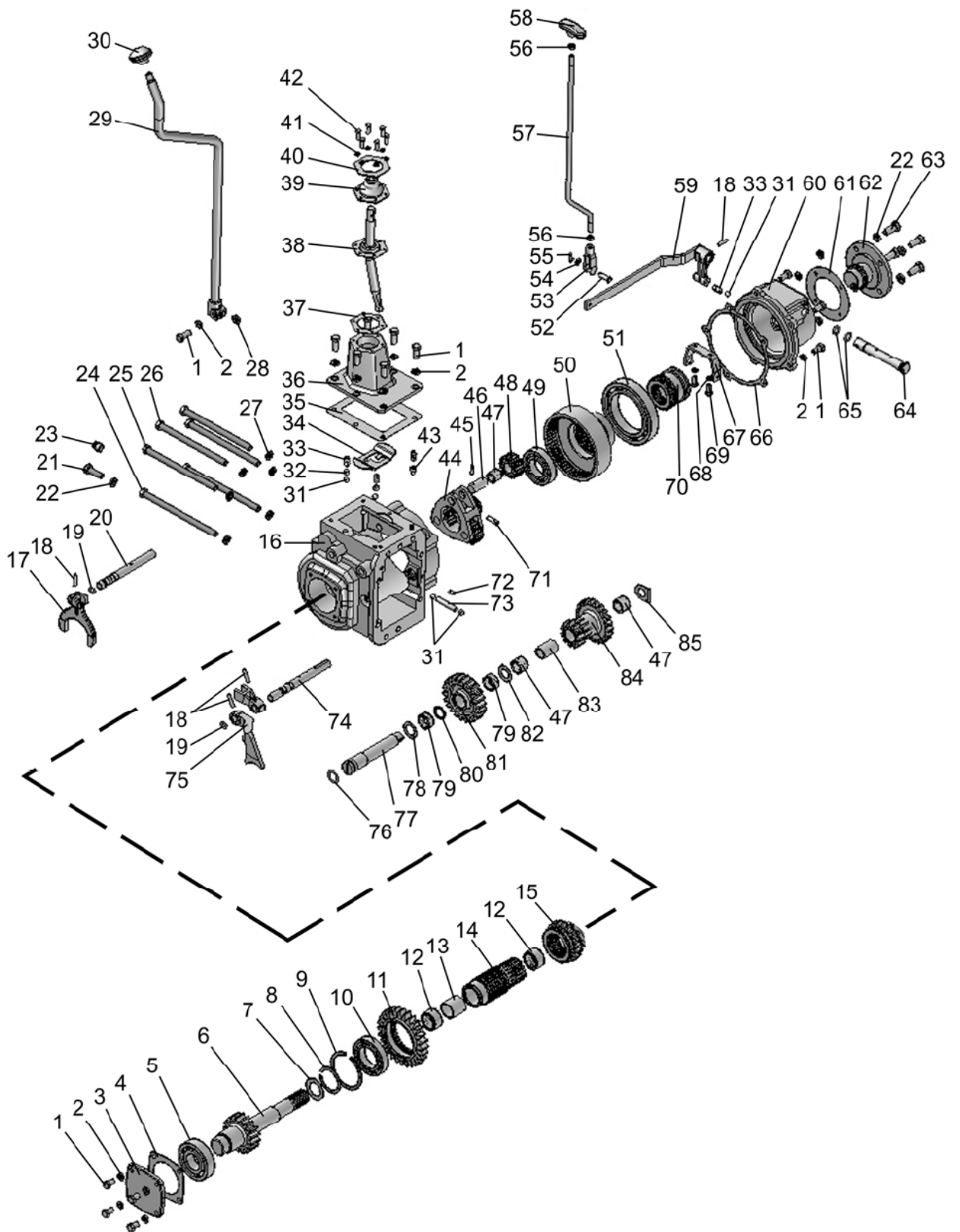


Figure 17.10. Mechanical speed-reducing unit

**Group 17. Gearbox
Subgroup 1742. Mechanical speed-reducing unit**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
17.10		102-1742010	1	Mechanical speed-reducing unit (1-85)	
		102-1742020	1	Carrier (44-48)	
		102-1742040	1	Sun gear (8-14)	
		102-1742050	1	Crown gear (49-51)	
		102-1742060	1	Cover (59-65, 67-70)	
		102-1745010	1	Cover (36-42)	
		102-1745050	1	Rod (53, 56, 57)	
	1		M10x30	10	Bolt
	2		IIIИ 10	16	Washer
	3		102-1742012	1	Cover
	4		102-1742013	1	Gasket
	5		308	1	Bearing
	6		102-1742037	1	Shaft-gear
	7		102-1742014	1	Washer
	8		2C55	1	Ring
	9		2C90	1	Ring
	10		111	1	Bearing
	11		102-1742042	1	Gear
	12		942/35	2	Bearing
	13		102-1742043	1	Bushing
	14		102-1742041	1	Shaft-gear
	15		102-1742036	1	Gear
			102-1742015	1	Casing
			102-1742015-01*	1	Casing
	17		102-1745004	1	Fork
	18		6x30	4	Pin
	19		012-016-25-2-4	2	Ring
	20		102-1745007	1	Roller
	21		M12x35	1	Bolt
	22		IIIИ 12	5	Washer
	23		ПК КГ 3/8"	1	Plug
	24		M12x220	2	Bolt
	25		102-1742039	2	Bolt
	26		M12x200	2	Bolt
	27		70-1741036	6	Washer
	28		70-1723053	1	Key
	29		102-1745040	1	Lever
	30		70-1702125	1	Handle
	31		9,922-60	3	Ball
	32		102-1742016	2	Boss
	33		50-1702148-A	4	Spring
	34		102-1745001	1	Frame
	35		102-1745008	1	Gasket
	36		102-1745011	1	Cover
	37		102-1745014	1	Gasket
38		102-1745020	1	Lever	
39		102-1745013	1	Boot	
40		102-1745012	1	Plate	
41		IIIИ 6	6	Washer	
42		M6x20	6	Bolt	
43		102-1745009	1	Pin	
44		102-1742021	1	Carrier	
45		A.4 x 30	3	Pin	

* for a hydraulic speed-reducing unit

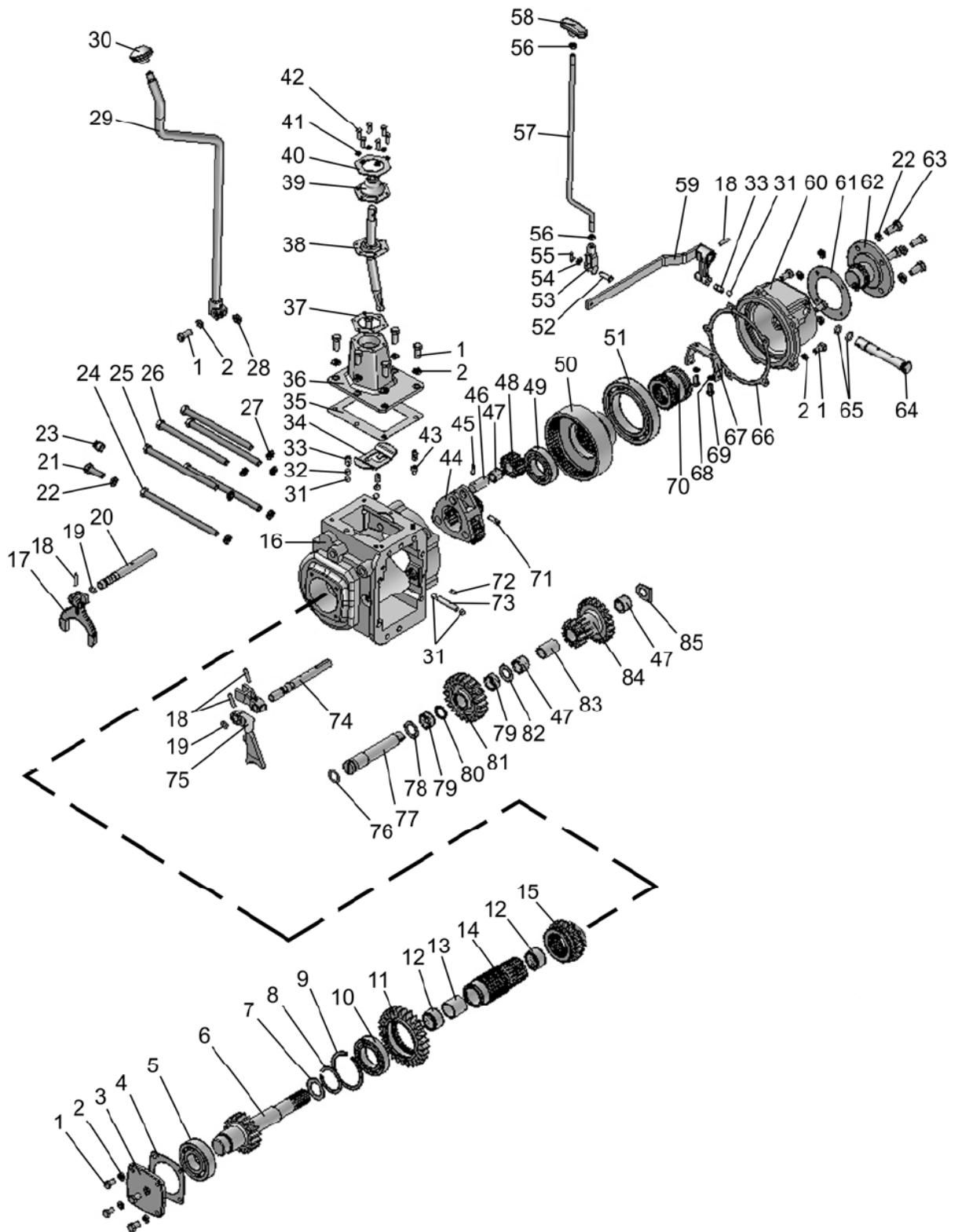


Figure 17.10. Mechanical speed-reducing unit

**Group 17. Gearbox
Subgroup 1742. Mechanical speed-reducing unit**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
17.10	46	80-1743026	3	Planetary gear shaft
	47	3x23.8 A3	134	Roller
	48	102-1742022	3	Planetary gear
	49	209A	1	Bearing
	50	102-1742051	1	Crown gear
	51	120	1	Bearing
	52	8x30	1	Pin
	53	A20.213A	1	Fork
	54	IIIЧ 8	1	Washer
	55	3.2x18	1	Cotter pin
	56	M8	1	Nut
	57	102-1745051	1	Rod
	58	A.13.28.000	1	Handle
	59	102-1742080	1	Lever
	60	102-1742063	1	Cover
		102-1742063-01*	1	Cover
	61	102-1742066	1	Gasket
	62	102-1742061**	1	Cover
	63	M12x25	4	Bolt
	64	102-1742065	1	Roller
	65	016-020-25-2-2	2	Ring
	66	102-1742011	1	Gasket
	67	102-1742070	1	Fork
	68	IIII 8	2	Washer
	69	M8x20	2	Bolt
	70	102-1742062	1	Coupling
	71	A.8x45	1	Pin
	72	102-1742017	1	Pin
	73	102-1742001	1	Pin
	74	102-1745005	1	Roller
	75	102-1745002	1	Fork
	76	025-030-30-2-2	1	Ring
	77	80-1743031	1	Axle
	78	102-1742038-01	1	Washer
	79	3 x 15,8 A3	56	Roller
80	80-1742039	1	Ring	
81	80-1743037-Б	1	Intermediate gear	
82	102-1742038	1	Washer	
83	102-1742029	1	Bushing	
84	102-1742031	1	Drive gear	
85	102-1742018	1	Washer	

* for a hydraulic speed-reducing unit

** for mechanical speed-reducing unit only

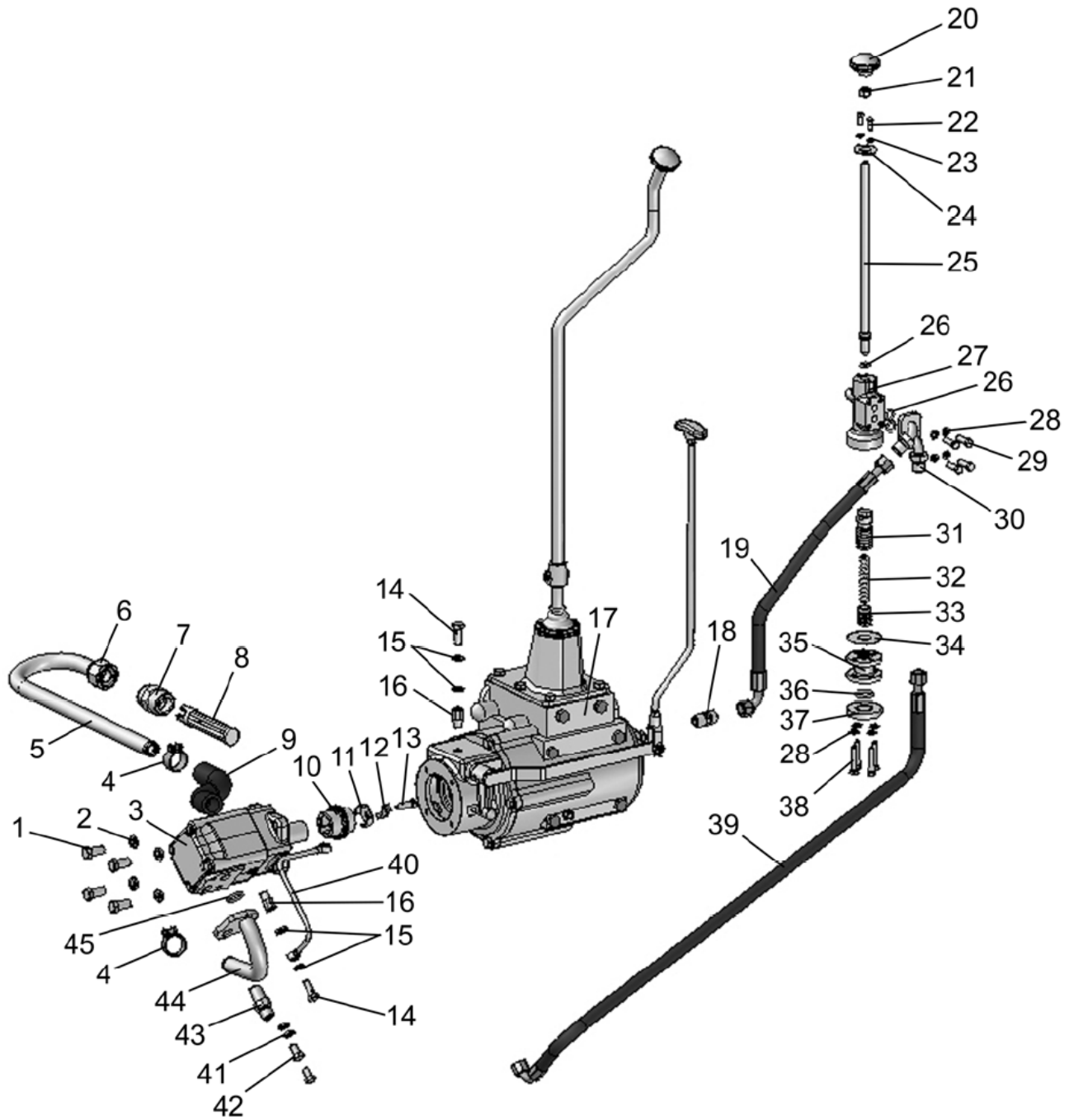


Figure 17.11. Hydraulic speed-reducing unit

**Group 17. Gearbox.
Subgroup 1742. Mechanical speed-reducing unit.**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
		102-1742005	1	Mechanical speed-reducing unit (1-45)
		102-1742190	1	Throttle (20-38)
		70-1742040-Б	1	Oil receiver (7, 8)
1		M12x35	4	Bolt
2		IIIИ 12	4	Washer
3		МГП-160	1	Hydraulic planetary motor
4		"NORMA" TORRO 25-40/9-C6W	2	Clamp
5		70-1742055	1	Pipe
6		70-1742058	1	Nut
7		70-1742041-Б	1	Casing
8		70-1742045	1	Filter
9		142-1742076	1	Hose pipe
10		102-1742024	1	Bushing
11		102-1742023	1	Washer
12		102-1742019	1	Retaining washer
13		M8x20	1	Bolt
14		36-1104787	2	Connecting pipe bolt
15		36-1104788	4	Gasket
16		70-4607142	2	Connecting pipe
17		102-1742010-01	1	Mechanical speed-reducing unit (1-61, 64-85 (Fig. 17-11))
18		70-3506022	1	Connecting pipe
19		680-4607140-05	1	High-pressure hose pipe Ø10x1 reinforced
20		70-1702125	1	Handle
21		M12x1.25	1	Nut
22		M6x12	2	Bolt
23		IIIИ 6	2	Washer
24		102-1742175	1	Limiter
25		102-1742179	1	Rod
26		014-018-25-2-2	3	Ring
27		IIIИ 8	8	Washer
28		M8x25	4	Bolt
29		102-1742190	1	Branch pipe
30		102-1742178	1	Sliding valve
31		142-1742207	1	Spring
32		102-1742176	1	Piston
33		102-1742177	1	Gasket
34		102-1742172	1	Spacer
35		029-032-19-2-2	1	Ring
36		102-1742174	1	Cover
37		M8x60	4	Bolt
38		680-4607140-14	1	High-pressure hose pipe Ø 10x1 reinforced
39		102-1742160	1	Pipe
40		IIIИ 10	2	Washer
41		M10x20	2	Bolt
42		102-1742073	1	Connecting pipe
43		142-1742070	1	Flange
44		025-030-30-2-2	1	Ring

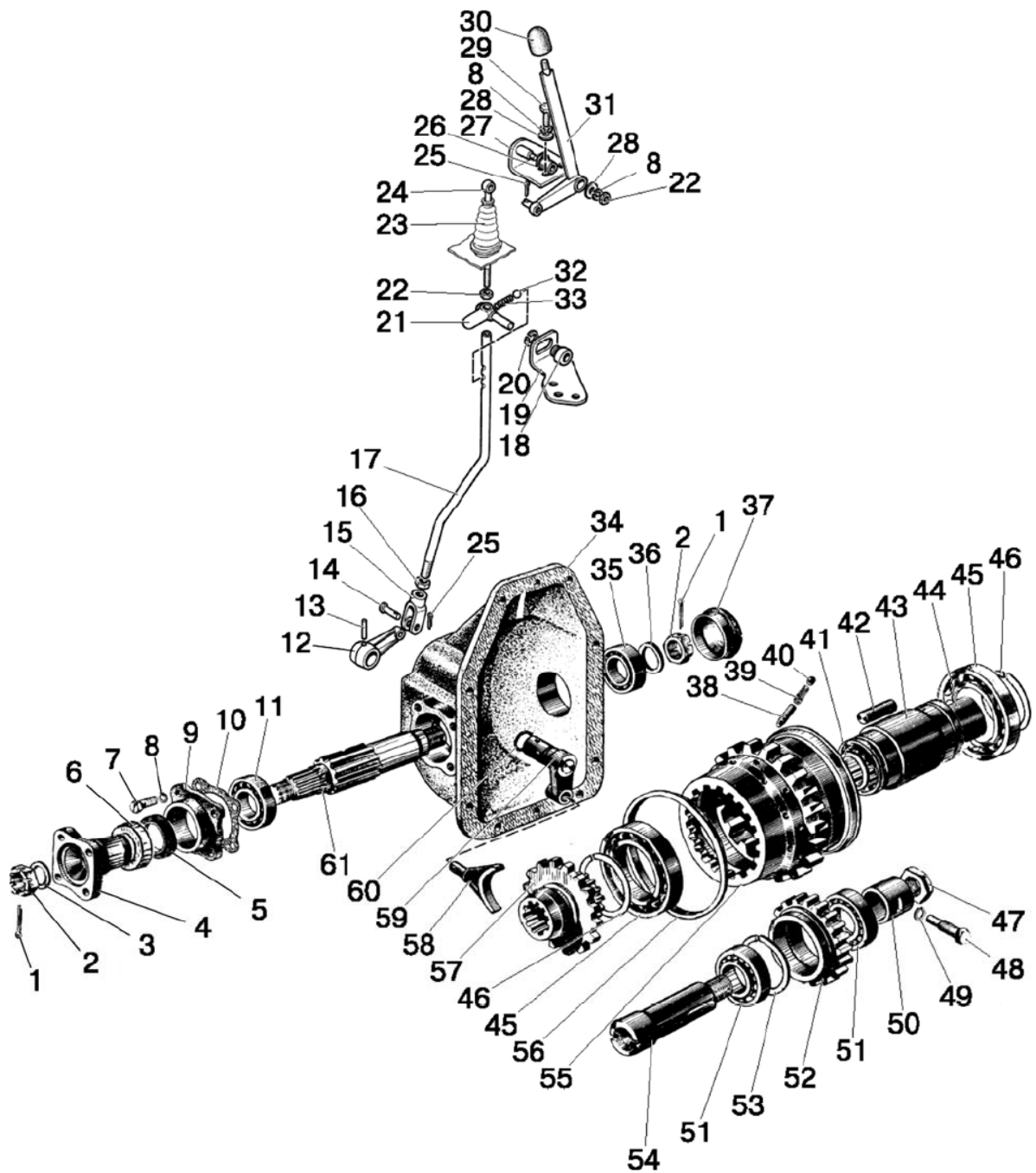


Figure 18.1. Transfer gearbox of the front driving axle drive

Group 18. Transfer gearbox

Subgroup 1802. Transfer gearbox of the front driving axle drive

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
18.1		72-1802020	1	Transfer gearbox (1-13, 34-61)
		72-1802060	1	Gear with free-wheeling clutch (38-46, 55, 56)
		52-1802094PH	1	Shaft (47, 54) (for spare parts only)
		52-1802095-Б	1	Intermediate gear (51-53)
		52-1802100-A	1	Casing (5, 6, 9)
		52-1802110-A	1	Roller set (38-40, 42) (for spare parts only)
		72-1802125PB	1	Gear (41, 57, 61, 72-1802060) (for spare parts only)
	1	4x25	2	Cotter pin
	2	70-3003032	2	Nut
	3	52-1802079	1	Washer
	4	52-1802078-A	1	Flange
	5	2.2-38x58-1	1	Cup
	6	72-1802108	1	Clamp
	7	M8x25	4	Bolt
	8	IIIП 8	7	Washer
	9	52-1802073	1	Casing
	10	52-1802074	1	Gasket
	11	306K5	1	Bearing
	12	72-1802082	1	Lever
	13	10x40	1	Pin
	14	8x30	1	Pin
	15	952-1802012	1	Fork
	16	M12x1.25	1	Nut
	17	952-1802026	1	Rod
	18	952-1802032	1	Bushing
	19	952-1802031-A	1	Bracket
	20	C20	1	Ring
	21	952-1802027	1	Guide
	22	M8	2	Nut
	23	80-6702441	1	Boot
	24	952-1802011	1	Rod
	25	3.2x18	2	Cotter pin
	26	50-4607082-A	1	Bushing
	27	952-1802020	1	Bracket
	28	IIIЧ 8	3	Washer
	29	M8x30	2	Bolt
	30	A13.11.000	1	Handle
	31	952-1802015	1	Lever
	32	10,0-60	1	Ball
	33	50-1702148-A	1	Spring
	34	52-1802065-A	1	Casing
	35	305A	1	Bearing
	36	72-1802164	1	Washer
	37	52-1803076	1	Cover
38	52-1802069-Б	16	Pin	
39	52-1802066-A	16	Spring	
40	52-1802111	16	Plug	
41	70-1601082	2	Washer	
42	52-1802077	8	Roller	
	52-1802077PH	8	Roller (for spare parts only)	
43	72-1802131-Б	1	Bushing	
44	943/30	2	Bearing	

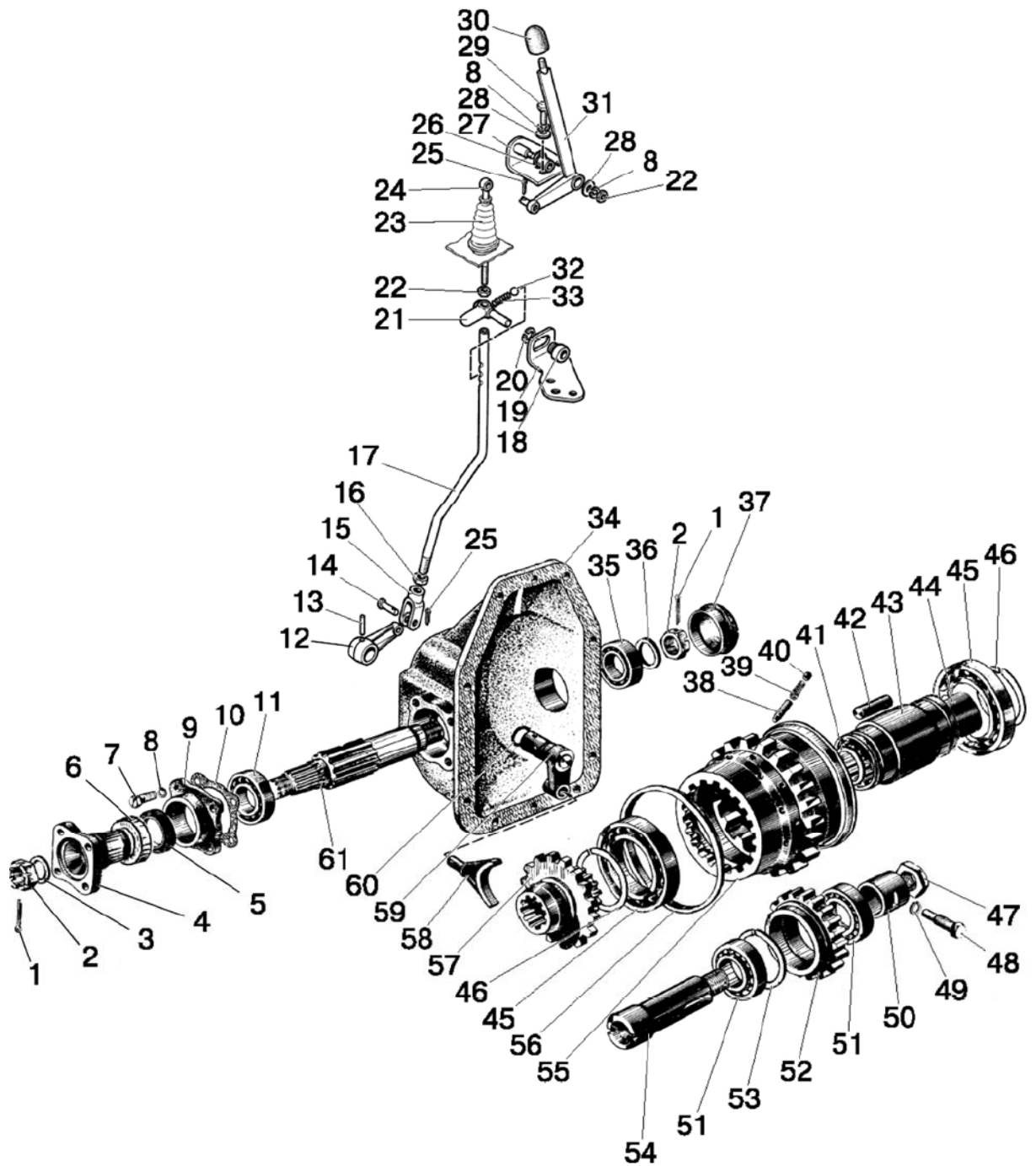


Figure 18.1. Transfer gearbox of the front driving axle drive

Group 18. Transfer gearbox

Subgroup 1802. Transfer gearbox of the front driving axle drive

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
18.1	45	115K5	2	Bearing
	46	52-1802102	2	Ring
	47	52-1802128	1	Nut
	48	52-1802093	1	Screw
	49	ШШШ 12	1	Washer
	50	52-1802092-Б	1	Bushing
	51	7306A	2	Bearing
	52	52-1802091	1	Gear
	53	52-1802097	2	Ring
	54	52-1802094	1	Shaft
	55	52-1802061-A	1	Gear
	56	52-1802067	2	Clamp
	57	72-1802068	1	Clutch
	58	52-1802084	1	Fork
	59	52-1802080-Б1	1	Roller with lever
	60	020-025-30-1-4	1	Ring
61	72-1802063	1	Shaft	

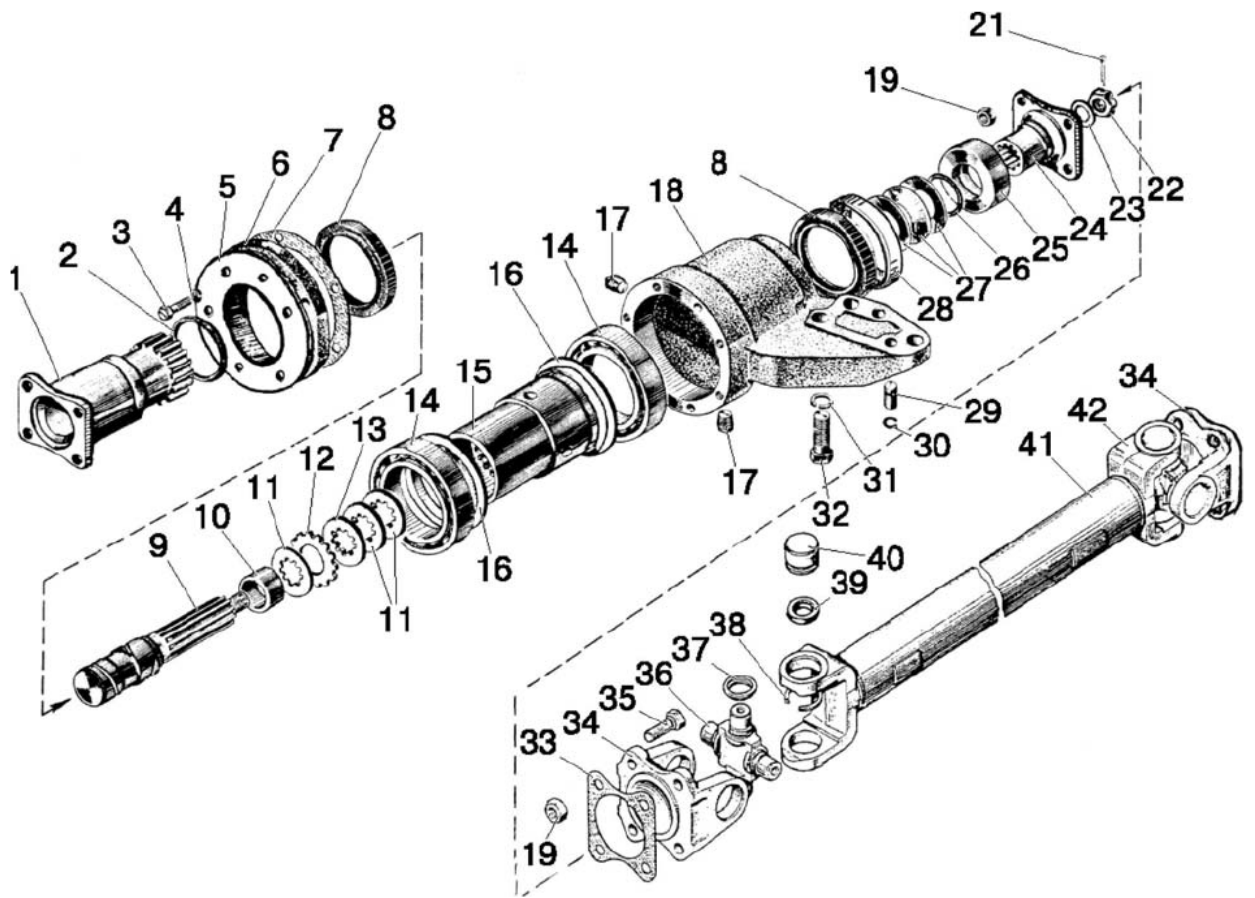


Figure 22.1. Cardan shaft. Intermediate cardan shaft bearing

Group 22. Cardan drive. Subgroup 2203, 2209. Cardan shaft. Intermediate cardan shaft bearing

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
22.1		72-2203010-A2	2	Front and intermediate cardan shaft (34,36-42)
		72-2203025PH	4	Cross with glands and bearings (36,37,39,40)
		72-2209100	1	Gland body (6, 8)
		72-2209010-A	1	Intermediate bearing (1-18, 21-30)
	1	72-2209014	1	Flange
	2	055-065-58-1-4	1	Ring
	3	M8x30	5	Bolt
	4	ШШШ 8	5	Washer
	5	72-2209028	1	Dirt pocket
	6	72-2209022	1	Casing
	7	72-2209023	1	Gasket
	8	2.2-75x100-1	2	Cup
	9	72-2209013	1	Shaft
	10	72-2209017	1	Bushing
	11	72-2209019	3	Disk
	12	72-2209025	10-11	Disk
	13	72-2209027	10	Disk
	14	115K5	2	Bearing
	15	72-2209012	1	Bushing
	16	72-2209018	2	Clamp
	17	ПК КГ 3/8	2	Plug
	18	72-2209011	1	Bracket
	19	M10x1-8 DIN EN ISO 10511-98	16	Nut
	21	4x25	1	Cotter pin
	22	70-3003032	1	Nut
	23	52-1802079	1	Washer
	24	52-1802078-A	1	Flange
	25	72-2209016-Б	1	Washer
	26	038-046-46-1-4	1	Ring
	27	72-2209021	6	Spring
	28	72-2209031	1	Fixture
	29	52-2308094	2	Pin
	30	12-12-306	2	Ring
	31	ШШШ 16	3	Washer
	32	72-2203011	3	Bolt
	33	20-2201024	4	Gasket
	34	72-2203023	4	Flange
	35	52-2203012	16	Bolt M10x1
	36	72-2203030-01	4	Cross
	37	3102-2201037	16	Deflector
	38	72-2203043	16	Lock ring
	39	69-2201031-A	16	Cup
40	704702 K3C10	16	Bearing	
41	72-2201018-02	2	Tube	
42	72-2203022	4	Fork	

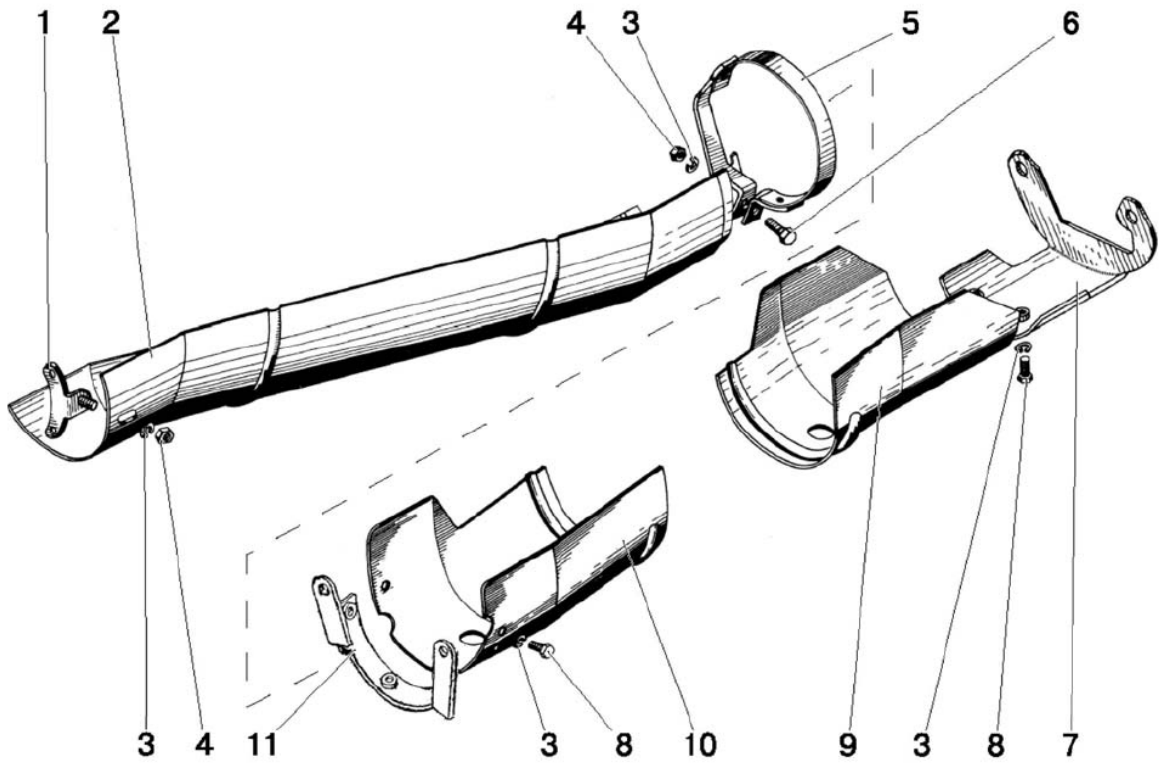
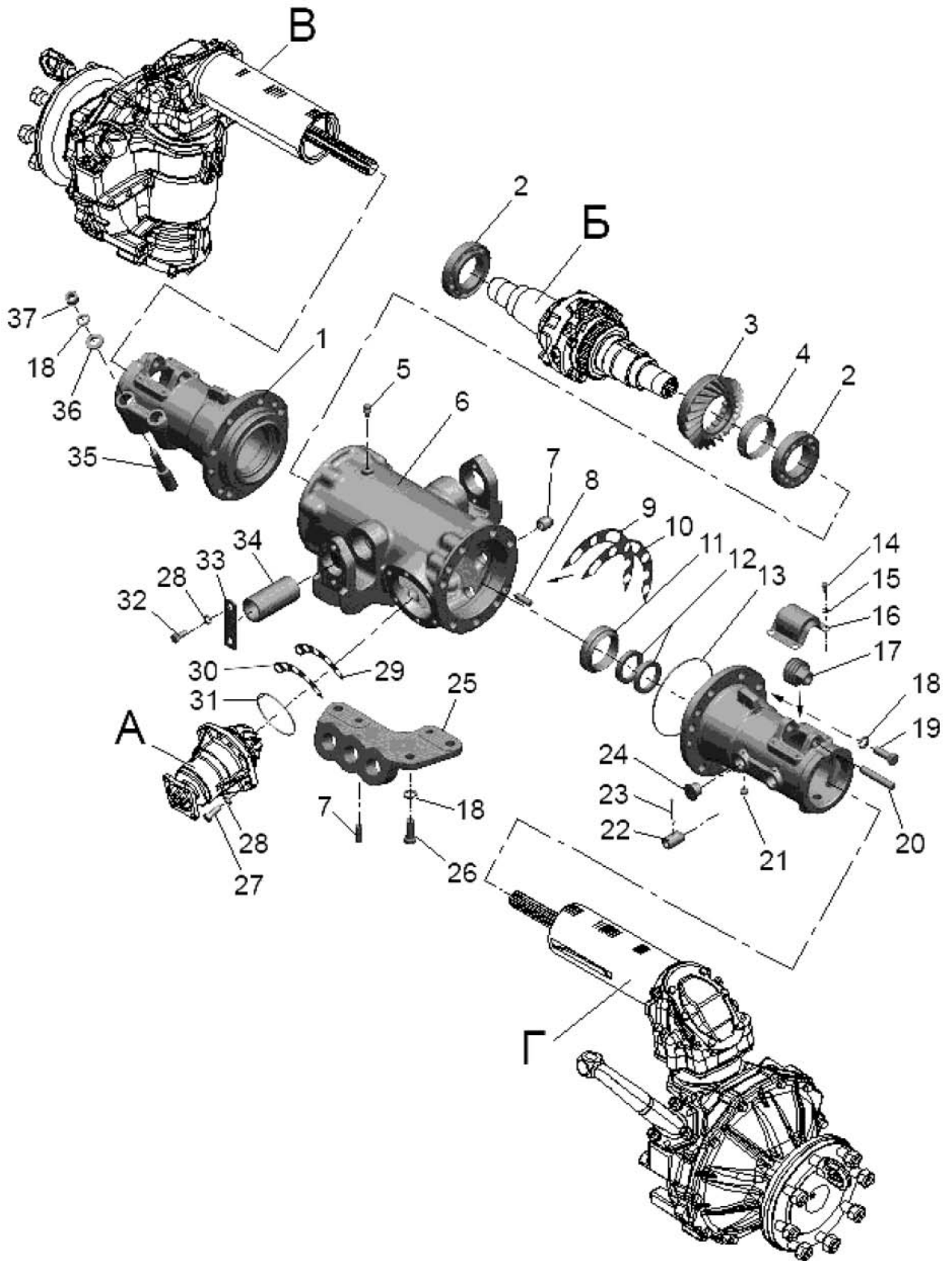


Figure 22.2. Cardan shaft guard

Group 22. Cardan drive
Subgroup 2210. Cardan shaft guard

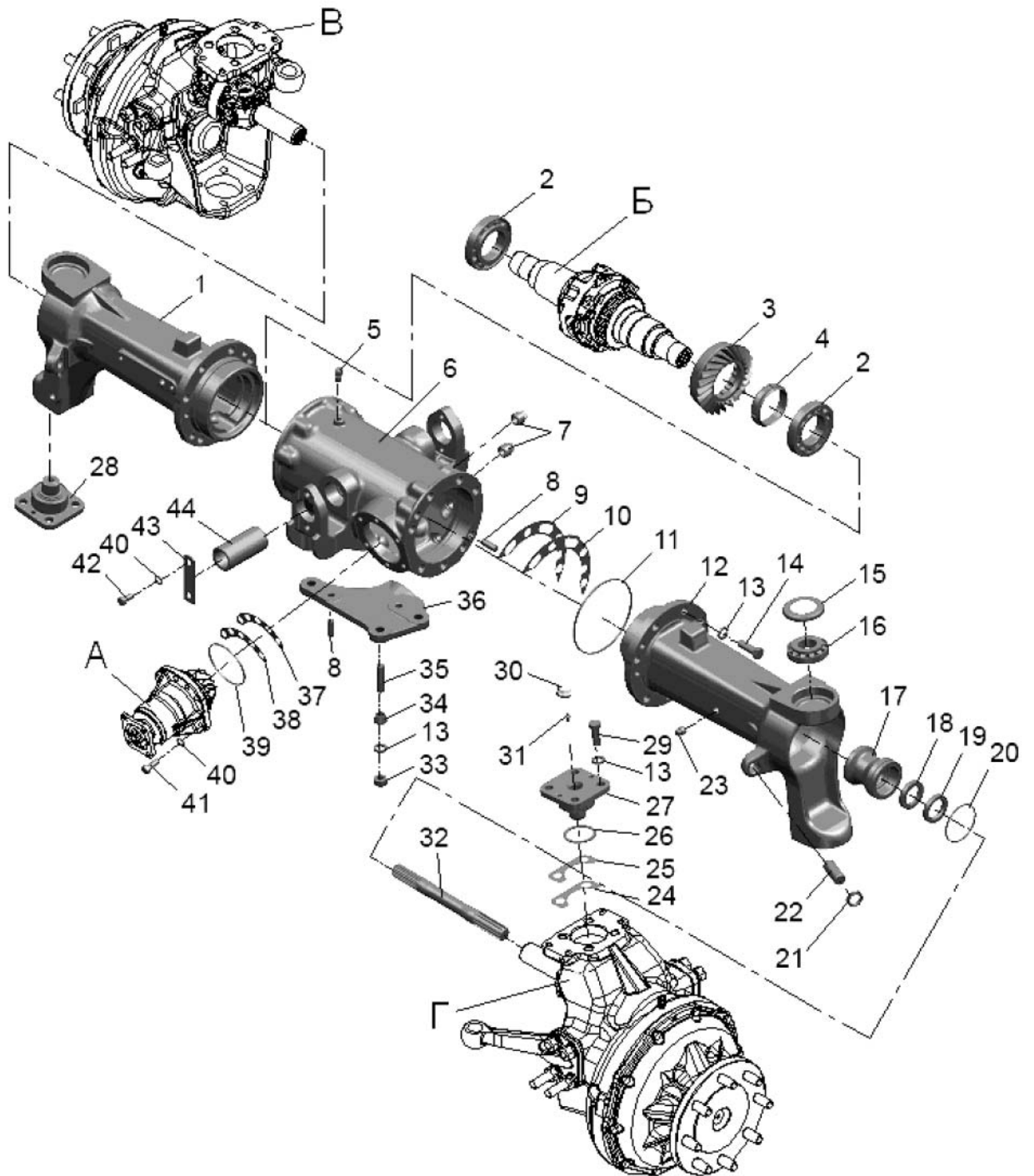
Figure No.	Pos. No.	Assembly or part number	Quantity	Description
22.2		72-2203040	1	Cardan shaft guard (1-11)
	1	52-2210040	1	Supporting bracket
	2	72-2210013	1	Rear guard
	3	IIIП 8	8	Washer
	4	M8	2	Nut
	5	72-2210030	1	Clamp
	6	M8x40	1	Bolt
	7	52-2210015	1	Bracket
	8	M8x16	6	Bolt
	9	52-2210012-A	1	Front guard
	10	52-2210017-A	1	Guard
11	72-2210020-A	1	Bracket	



**Figure 23.1. Front driving axle (assembly)
(for Belarus-82.1/82Y/82P tractors)**

Group 23. Front driving axle
Subgroup 2300. Front driving axle (assembly)
(for Belarus-82.1/82Y/82P tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
23.1		72-2300020-A-04	1	Front driving axle assembly
	A	52-2302010	1	FDA drive gear (see Fig. 23.3)
	Б	52-2303010-Б	1	Differential (see Fig. 23.4)
	В	72-2308005-08	1	Reduction gear of the left-hand final drive of the FDA (left) (see Fig. 23.5)
	Г	72-2308010-07	1	Reduction gear of the right-hand final drive of the FDA (right) (see Fig. 23.5)
		52-2301040-Б1	2	Clamp with cuffs (11, 12)
	1	82-2301051	2	Cover
	2	6-7212A	2	Bearing
	3	52-2302019	1	Driven gear
	4	52-2302038-A1	1	Nut
	5	T330C-1/8"	1	Breather
	6	72-2301055	1	Casing
	7	ПК КГ 3/4"	2	Plug
	8	Д01-015	6	Pin
	9	52-2303027	16(max)	Adjusting shim B=0.5 mm
	10	52-2303028	16(max)	Adjusting shim B=0.2 mm
	11	52-2301062-Б1	2	Clamp
	12	2.2-45x65-1	4	Cup
	13	150-155-36-1-4	2	Ring
	14	M8x16	8	Bolt
	15	ШП 8	8	Washer
	16	50-3104051	2	Cover
	17	52-2301052	2	Screw
	18	ШП 16	21	Washer
	19	M16x45	14	Bolt
	20	52-2301054-A	2	Shaft
	21	52-2301067	2	Choke
	22	82-2301069	2	Pin
	23	5x45	2	Cotter pin
	24	82-2301074	2	Plug
	25	102-2301023-01	1	Hydraulic cylinder bracket
	26	M16x40	3	Bolt
	27	M12x30	6	Bolt
	28	ШП 12	10	Washer
	29	52-2302021	6(max)	Adjusting shim B=0.5 mm
	30	52-2302022	10(max)	Adjusting shim B=0.2 mm
	31	089-095-36-1-4	1	Ring
32	M12x25	4	Bolt	
33	72-2301059-A1	2	Slat	
34	52-2301058-A4	2	Shaft	
35	52-2301056	4	Wedge	
36	52-2301065	4	Washer	
37	M16x1.5	4	Nut	

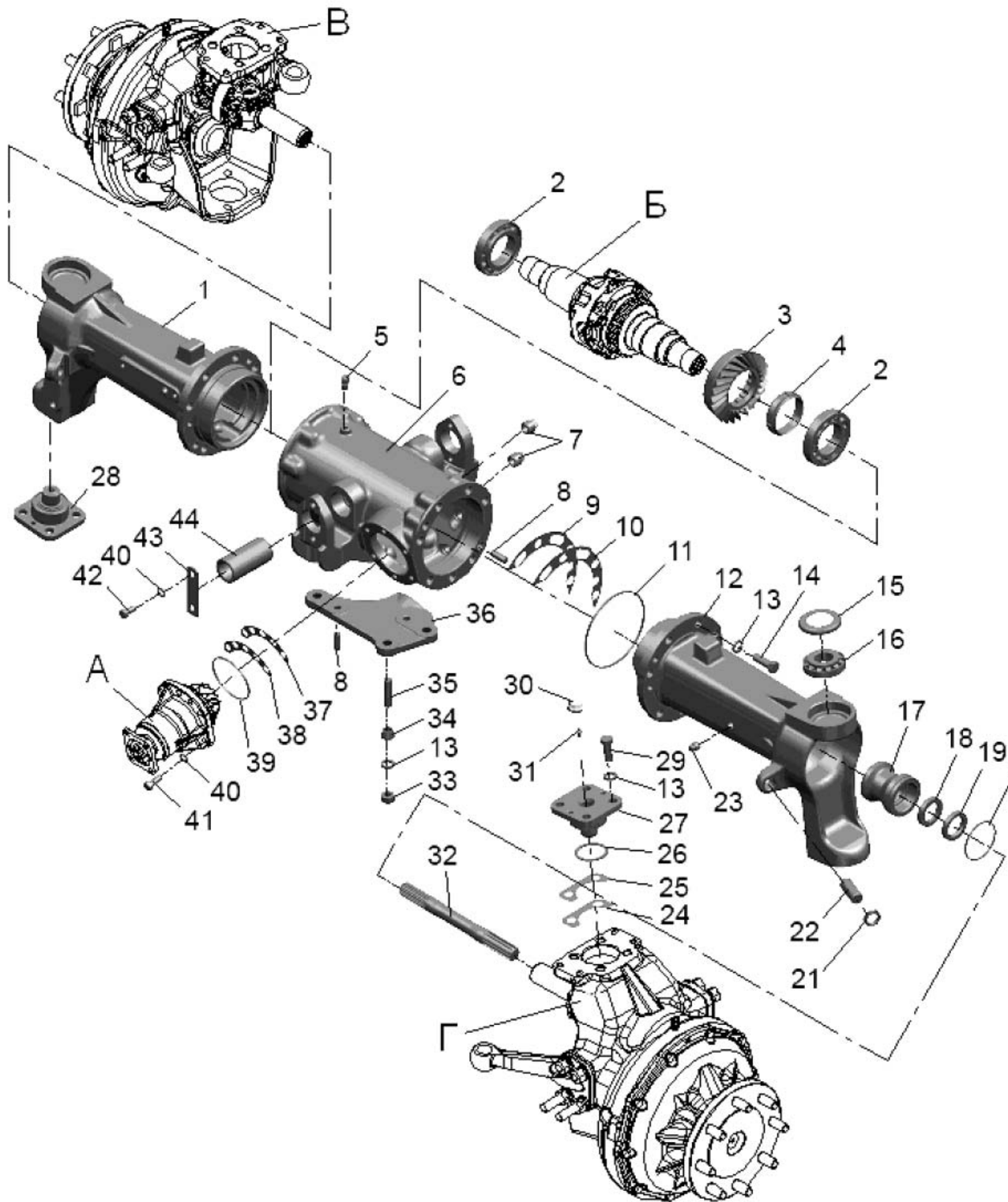


**Figure 23.2. Front driving axle (assembly)
(for Belarus-820/82.3/82П tractors)**

**Group 23. Front driving axle
Subgroup 2300. Front driving axle (assembly)
(for Belarus-820/82.3/82T tractors)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
23.2		822-2300020-04 822-2300020-02*	1	Front driving axle assembly
	A	52-2302010	1	FDA drive gear (see Fig. 23.3)
	B	52-2303010-B-01	1	Differential (see Fig. 23.4)
	B	822-2308005	1	Reduction gear of the left-hand final drive of the FDA (left) (see Fig. 23.6)
	Г	822-2308005-01	1	Reduction gear of the left-hand final drive of the FDA (right) (see Fig. 23.6)
	1	822-2301051 822-2301051-01*	1	Left hose pipe
	2	263212A	2	Bearing
	3	52-2302019	1	Driven gear
	4	52-2302038-A1	1	Nut
	5	T330C-1/8"	1	Breather
	6	72-2301055	1	Casing
	7	ПК КГ 3/4"	2	Plug
	8	Д01-015	6	Pin
	9	52-2303027	16(max)	Adjusting shim B=0.5 mm
	10	52-2303028	16(max)	Adjusting shim B=0.2 mm
	11	150-155-36-1-4	2	Ring
	12	822-2301053 822-2301053-01*	1	Right hose pipe
	13	ШП 16	33	Washer
	14	M16x45	14	Bolt
	15	1520-2308039	4	Cage
	16	1027307A (31307)	4	Bearing
	17	822-2308100	2	Clamp
	18	1.2-38 x 58-1	2	Cup
	19	2.2-38 x 58-1	2	Cup
	20	075-080-30-1-4	2	Ring
	21	85-3407113	2	Nut
	22	1520-2308009	2	Screw
	23	ПК КГ 3/8"	2	Plug
	24	52-2302021	6(max)	Adjusting shim B=0.5 mm
	25	52-2302022	10(max)	Adjusting shim B=0.2 mm
	26	055-063-46-1-4	4	Ring
	27	1520-2308037	3	Shaft
	28	1520-2308037-01	1	Shaft
	29	M16x40	16	Bolt
	30	85-4607447	4	Cap
	31	1.3.Ц9.xp	4	Greaser
	32	822-2308065* 822-2308065-01*	2	Shaft
	33	M16	3	Nut
	34	1520-2308077	3	Bushing
35	1520-2308079	3	Pin	
36	822-2301023-B-01 922-2301023-B-01*	1	Cylinder bracket	
37	1520-2308042	8(max)	Adjusting shim B=0.2 mm	
38	1520-2308042-01	20(max)	Adjusting shim B=0.5 mm	
39	089-095-36-1-4	1	Ring	

* Optionally (front driving axle 822-2300020-02 with elongated tubes)



**Figure 23.2. Front driving axle (assembly)
(for Belarus-820/82.3/82П tractors)**

Group 23. Front driving axle
Subgroup 2300. Front driving axle (assembly)
(for Belarus-820/82.3/82П tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
23.2	40	IIII 12	6	Washer
	41	M12x30	6	Bolt
	42	M12x25	4	Bolt
	43	72-2301059-A1	2	Slat
	44	52-2301058-A4	2	Shaft

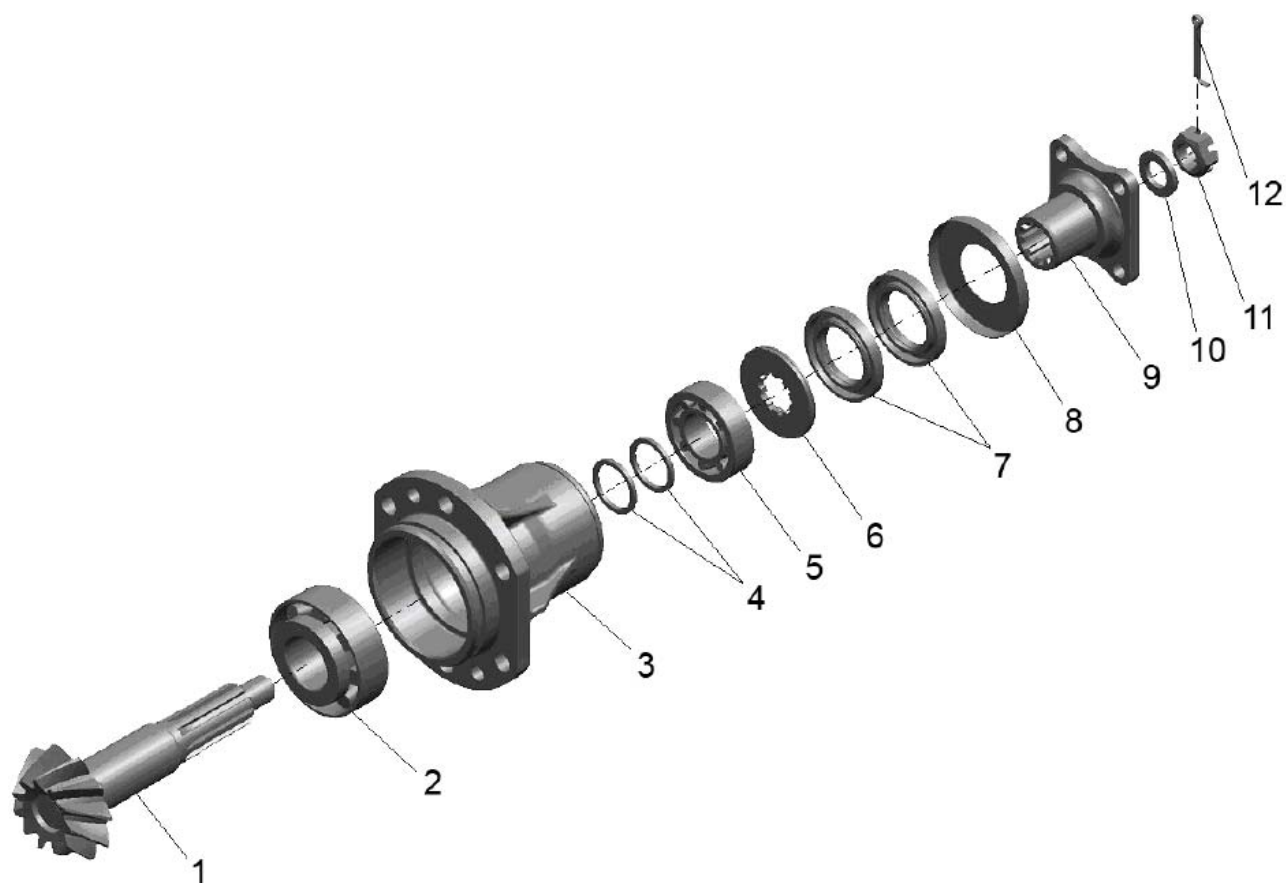


Figure 23.3. Front driving axle drive gear

Group 23. Front driving axle
Subgroup 2302. Front driving axle drive gear

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
23.3		52-2302010-P	1	Gear set (1-12 (Fig.23.3), 3 (Fig.23.1 or Fig.23.2))	
		52-2302030	1	Driven gear complete with the driving one (1 (Fig.23.3), 3 (Fig.23.1 or Fig.23.2))	
	1	52-2302015-A	1	Driving gear	
	2	7607A	1	Bearing	
	3	52-2302016-A	1	Cage	
	4		52-2302026	2	Adjusting washer B=2.65 mm
			52-2302026-01	2	Adjusting washer B=2.70 mm
			52-2302026-02	2	Adjusting washer B=2.75 mm
			52-2302026-03	2	Adjusting washer B=2.90 mm
			52-2302026-04	2	Adjusting washer B=3.05 mm
			52-2302026-05	2	Adjusting washer B=3.20 mm
			52-2302026-06	2	Adjusting washer B=3.30 mm
			52-2302026-07	2	Adjusting washer B=3.35 mm
		52-2302026-08	2	Adjusting washer B=3.40 mm	
	5	7506A	1	Bearing	
6	52-2302018	1	Ring		
7	2.2-38x62-1/4	2	Cup		
8	82-2302031	1	Choke		
9	52-1802078-A	1	Flange		
10	52-1802079	1	Washer		
11	70-3003032	1	Nut		
12	4x25	1	Cotter pin		

To be selected when adjusting the bearings

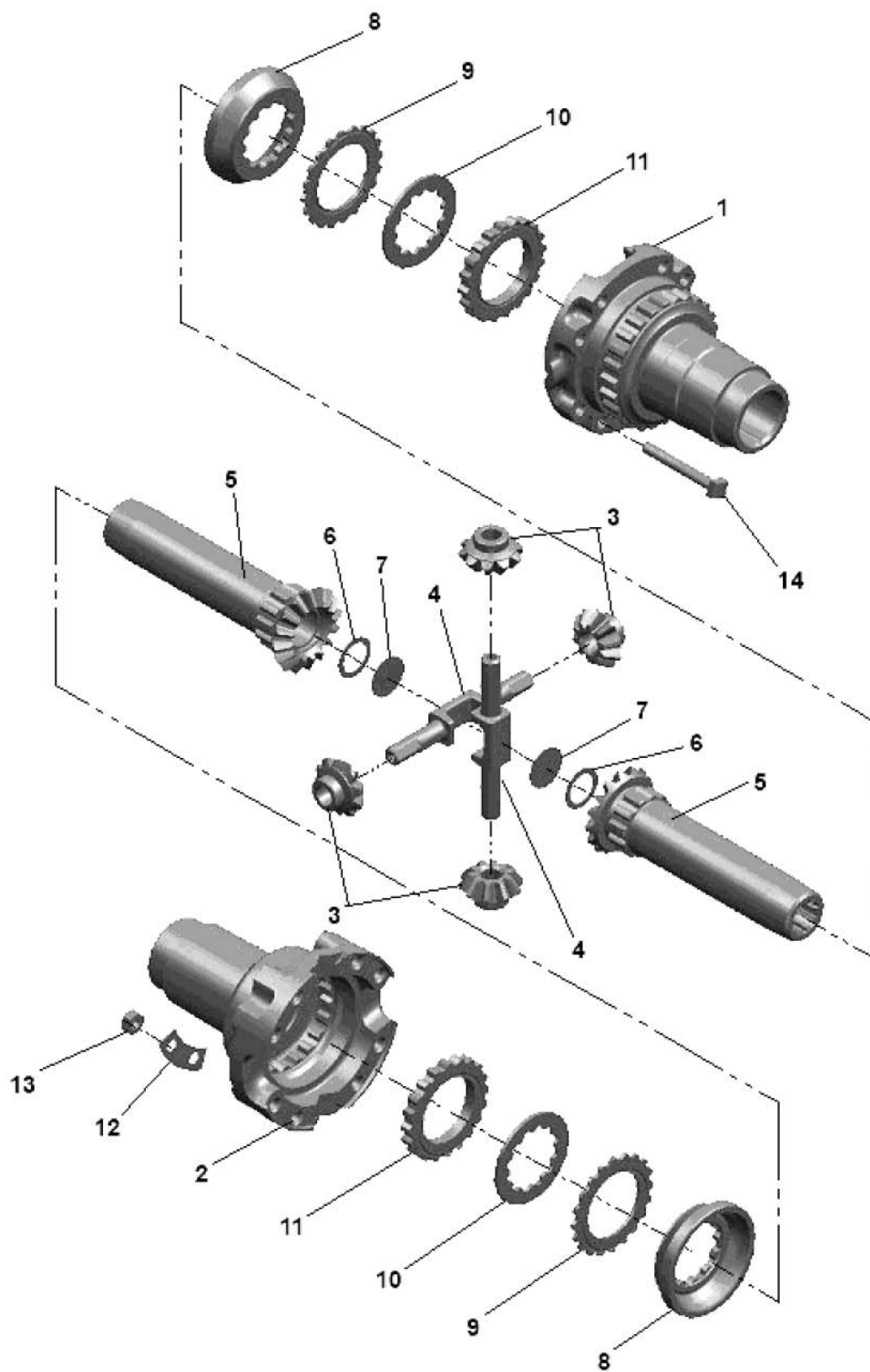


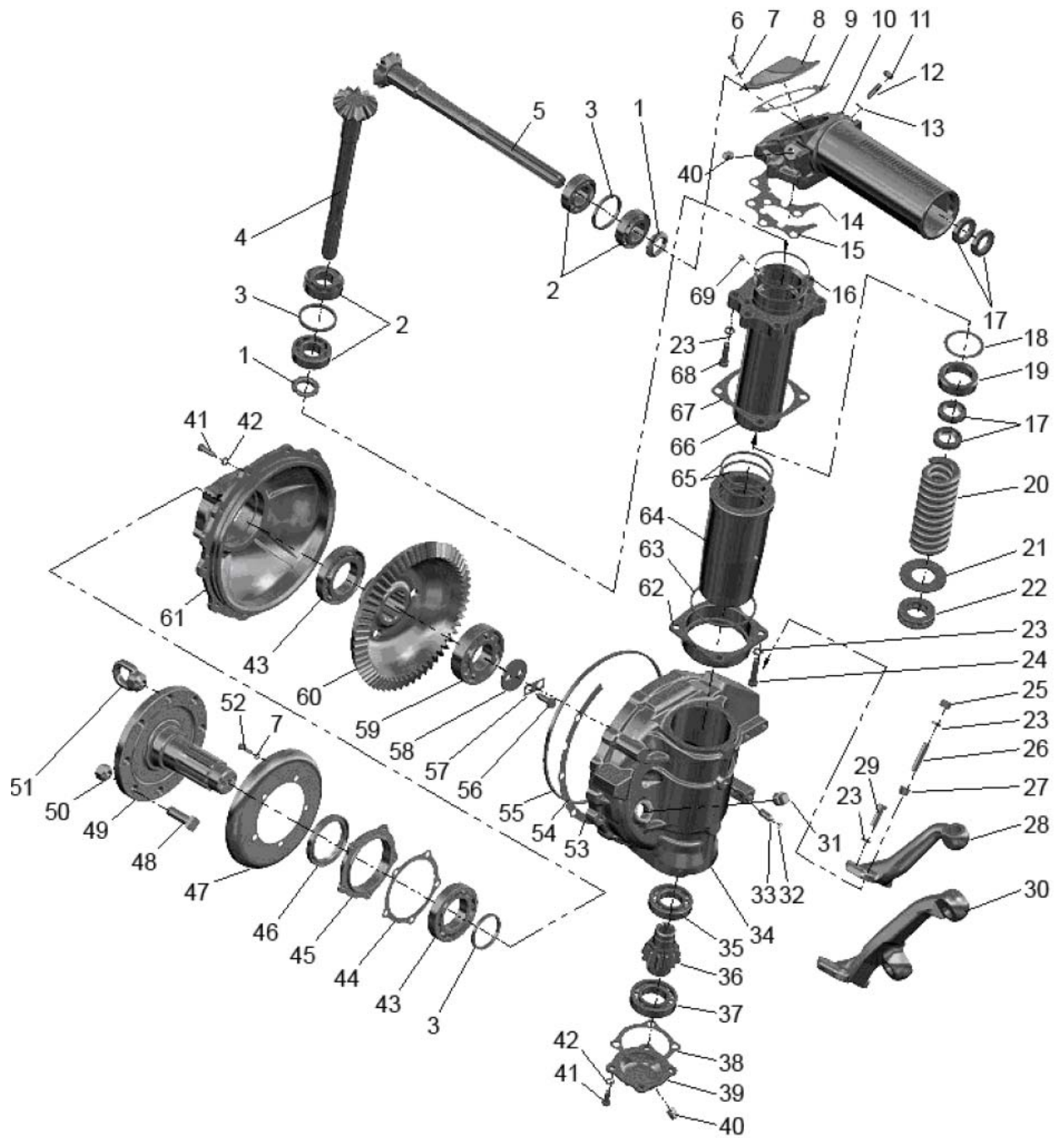
Figure 23.4. Differential

**Group 23. Front driving axle
Subgroup 2303. Differential**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
23.4		52-2303010-Б* or 52-2303010-Б-01**	1	Differential
		52-2303030	2	Gear (5-7)
	1	52-2303014-Б	1	Compensating case
	2	52-2303015-Б	1	Compensating case
	3	52-2303018	4	Planetary gear
	4	52-2303019	2	Shaft
	5	52-2303017	2	Gear
	6	52-2303034	2	Gasket
	7	35-10	2	Choke
	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	

* for the front driving axle 72-2300020-A-04 of Belarus -82.1/82Y/82P tractors

** for the front driving axle 822-2300020-02 or 822-2300020-04 of Belarus -820/82.3/82Π tractors



**Figure 23.5. Final drive reduction gear of the front driving axle
(for the front driving axle 72-2300020-A-04 of Belarus-82.1/82Y/82P tractor)**

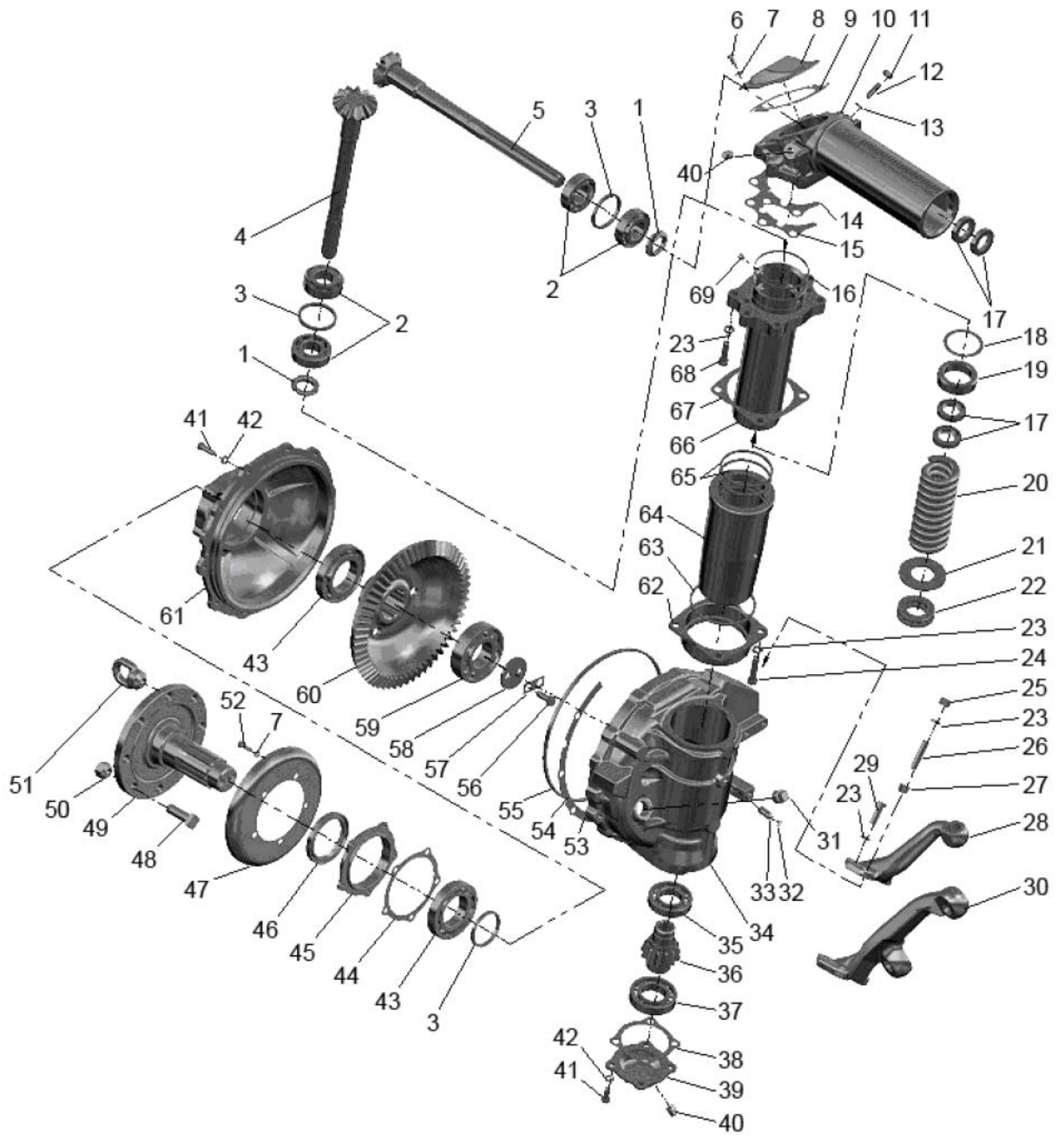
Group 23. Front driving axle

Subgroup 2308. Final drive reduction gear of the front driving axle

(for the front driving axle 72-2300020-A-04 of Belarus-82.1/82Y/82P tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
23.5		72-2308005-08	1	Left-hand reduction gear (1-69)	
		72-2308010-07	1	Right-hand reduction gear (1-69)	
		72-2308020-B	2	Cover (3, 43, 61)	
		72-2308030-A	2	Tube (18, 19, 66)	
		82-2308050-03	2	Gear (3, 7, 43-49, 52-61)	
		52-2308060	2	Gear (35-37)	
		72-2308070-01	2	Flange (48, 49)	
		72-2308090-B	2	Casing (45, 46)	
		52-2308100-03	2	Upper bevel gear and pinion (1-19, 23, 66, 68, 69)	
		52-2308110-A2	1	Right-hand reduction gear casing (32-34, 62-64)	
		52-2308115-A2	1	Left-hand reduction gear casing (32-34, 62-64)	
		52-2308135	2	Shaft with bearings (1-4)	
		52-2308135-01	2	Shaft with bearings (1-3, 5)	
	1		52-2308097	4	Nut
	2		7507 A	8	Bearing
	3		72-2308121	2	Adjusting ring B=5.8 mm
			72-2308121-01	2	Adjusting ring B=5.95 mm
			72-2308121-02	2	Adjusting ring B=6.10 mm
			72-2308121-03	2	Adjusting ring B=6.25 mm
			72-2308121-04	2	Adjusting ring B=6.40 mm
			72-2308121-05	2	Adjusting ring B=6.55 mm
			72-2308121-06	2	Adjusting ring B=6.70 mm
			72-2308121-07	2	Adjusting ring B=6.85 mm
			72-2308121-08	2	Adjusting ring B=7.00 mm
			72-2308121-09	2	Adjusting ring B=7.15 mm
			72-2308121-10	2	Adjusting ring B=7.30 mm
		72-2308121-11	2	Adjusting ring B=7.45 mm	
	4		52-2308063	2	Shaft
	5		52-2308065	2	Half-axle
6		M8x14	12	Bolt	
7		IIII 8	12	Washer	
8		52-2308030-A	2	Cover	
9		52-2308028-A1	4	Gasket	
10		52-2308025	2	Casing	
11		M10	2	Nut	
12		72-2308046	2	Screw	
13		52-2308077	2	Gasket	
14		52-2308038	8(max)	Adjusting shim B=0.5 mm	
15		52-2308039	8(max)	Adjusting shim B=0.2 mm	
16		095-100-30-2-4	2	Ring	
17		2.2-30x52-1	8	Cup	
18		52-2308054-A	2	Gasket	
19		52-2308089-A	2	Clamp	
20		50-3001022-A1	2	Spring	
21		72-2308098-A	2	Washer	
22		8208	2	Bearing	
23		IIII 12	18	Washer	
24		M12x40	8	Bolt	
25		M12	6	Nut	
26		72-2308004	6	Pin	
27		72-2308009	6	Bushing	
28		72-2308074	1	Right-hand lever	
29		M12x35	4	Bolt	

To be selected when adjusting the bearings



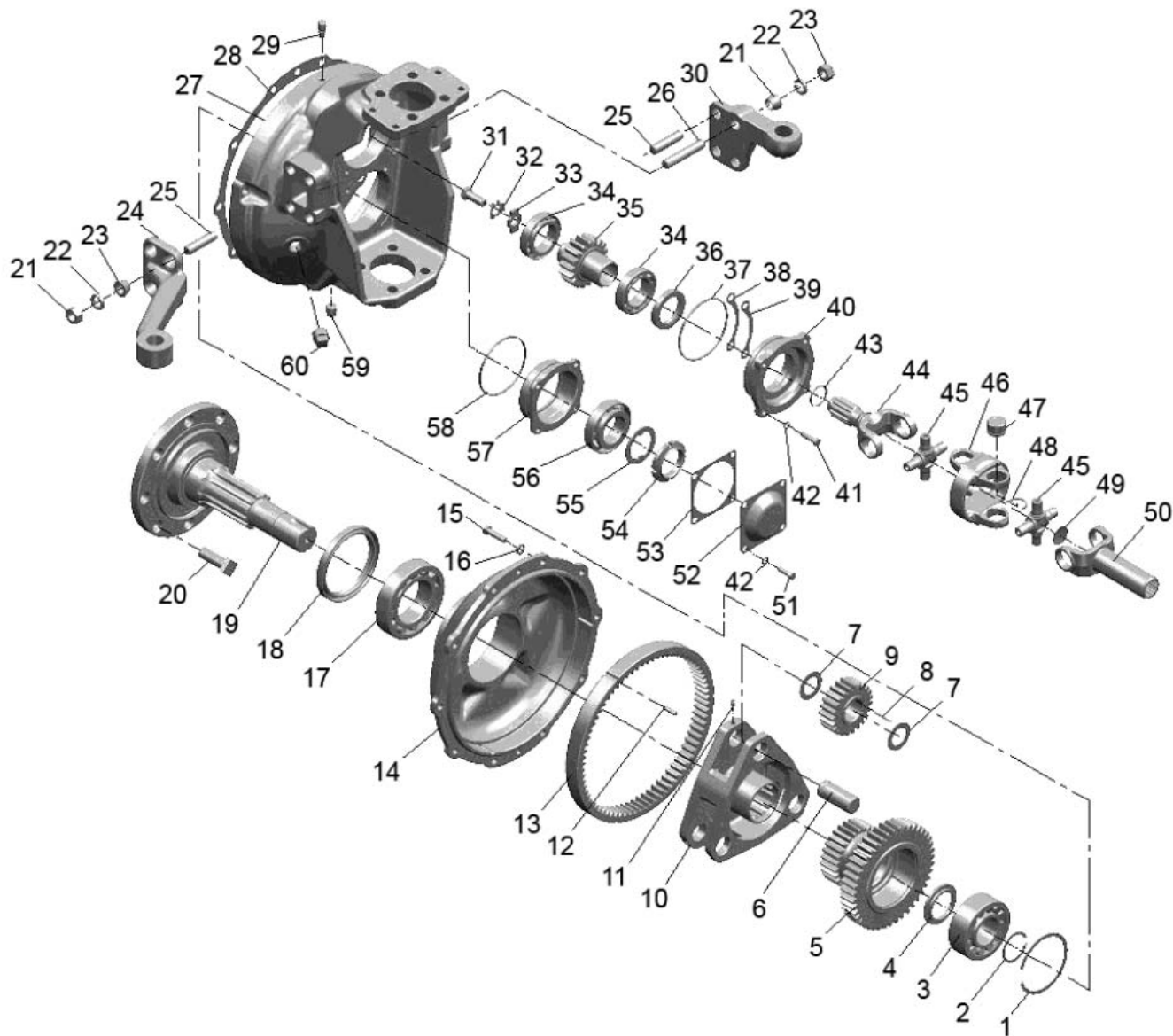
**Figure 23.5. Final drive reduction gear of the front driving axle
(for the front driving axle 72-2300020-A-04 of Belarus-82.1/82Y/82P tractor)**

Group 23. Front driving axle

Subgroup 2308. Final drive reduction gear of the front driving axle

(for the front driving axle 72-2300020-A-04 of Belarus-82.1/82Y/82P tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
23.5	30	72-2308075-01	1	Left lever
	31	ПК КГ 3/4"	2	Plug
	32	011-014-19-2-4	2	Ring
	33	52-2308099	2	Pin
	34	52-2308014-A2	1	Right casing
		52-2308015-A2	1	Left casing
	35	208	2	Bearing
	36	52-2308061	2	Gear
	37	209	2	Bearing
	38	52-2308024	2	Gasket
	39	52-2308035	2	Cover
	40	ПК КГ 3/8"	4	Plug
	41	M10x25	28	Bolt
	42	ШП 10	28	Washer
	43	6-7212A	4	Bearing
	44	72-2308023-Б	2	Gasket
	45	72-2308066-Б	2	Gland body
	46	2.2-75x100-1	2	Cup
	47	72-2308029-Б	2	Dirt pocket
	48	40-3103016	16	Bolt
	49	82-2308017	2	Flange
	50	40-3103017	16	Nut
	51	70-3104019-01	2	Special (auxiliary) nut
	52	M8x25	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	290-300-58-2-4	2	Ring
	56	72-2308018	4	Bolt
	57	72-2308013	2	Plate
	58	72-2308031	2	Washer
	59	2310 KM	2	Bearing
	60	72-2308062	2	Gear
	61	72-2308016-Б	2	Cover
	62	52-2308101	2	Casing
63	72-2308044	2	Washer	
64	52-2308084-A1	2	Sleeve	
65	52-2308091-A	4	Ring	
66	72-2308030-A	2	Pivot tube	
67	52-2308096	2	Gasket	
68	M12x35	4	Bolt	
69	72-2308011	4	Screw	



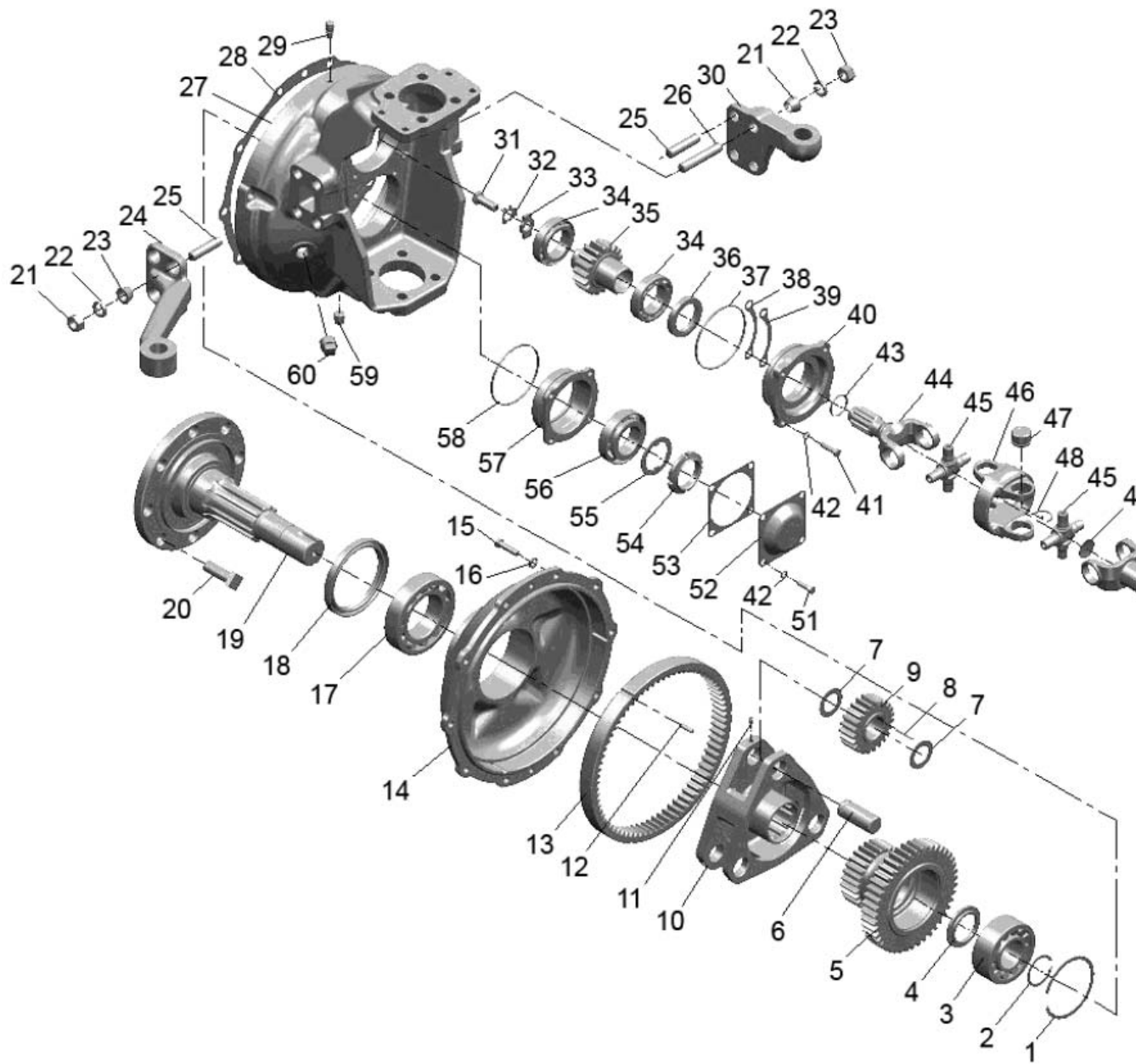
**Figure 23.6. Final drive reduction gear of the front driving axle
(for the front driving axle 822-2300020-02 or 822-2300020-04 of Belarus-820/82.3/82П tractors)**

Group 23. Front driving axle.

Subgroup 2308. Final drive reduction gear of the front driving axle

(for the front driving axle 822-2300020-02 or 822-2300020-04 of Belarus-820/82.3/82II tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
23.6		822-2308005	1	Left-hand reduction gear (1-60)
		822-2308005-01	1	Right-hand reduction gear (1-60)
		822-2308010	2	Reduction gear (1-20, 27-29, 31-60)
		1520-2308024-20	2	Double universal joint (43-50)
		1520-2308040-01	2	Casing (27, 29,31-50)
		1520-2308080	2	Cage (36, 37, 40)
		1521-2308020	2	Cover (12-14)
		1521-2308030	2	Carrier (6-11)
		1521-2308050-01	2	Hub (1-20)
	1	2C100	2	Ring
	2	C45	2	Ring
	3	53609	2	Bearing
	4	1520-2308038	2	Ring
	5	1520-2308062-01	2	Gear block (z=39)
	6	1520-2308053	6	Shaft
	7	1520-2308054	12	Washer
	8	4x34.8A3	156	Roller
	9	1520-2308059	6	Planetary gear
	10	1521-2308056	2	Carrier
	11	1520-2308011	6	Screw
	12	2.8x25	6	Pin
	13	1520-2308064	2	Gear
	14	1521-2308016	2	Cover
	15	M10x35	20	Bolt
	16	III 10	20	Washer
	17	7514A	2	Bearing
	18	2.2-100x125-1	2	Cup
	19	1521-2308017-01	2	Flange
	20	40-3103016	16	Front wheel bolt
	21	M16	16	Nut
	22	III 16	16	Washer
	23	1520-2308077	12	Bushing
	24	822-2308074	1	Left lever
		822-2308075	1	Right-hand lever
	25	1520-2308079	11	Pin
	26	1520-2308079-02	1	Pin
	27	1520-2308015	2	Casing
	28	1520-2308034	2	Gasket
	29	TSS0G-1/8"	2	Breather
	30	1021-2308076	1	Left-hand bracket
	31	1521-2308012	2	Bolt
	32	1521-2308031	2	Locking plate
	33	1521-2308013	2	Washer
	34	2007109	4	Bearing
35	1520-2308061-01	2	Gear (Z=20)	
36	2.2-45x65-1	2	Cup	
37	100-105-30-2-4	2	Ring	
38	1520-2308021	20(max)	Adjusting shim B=0.2 mm	
39	1520-2308021-01	8(max)	Adjusting shim B=0.5 mm	
40	1520-2308035	2	Cage	
41	M8x35	8	Bolt	
42	III 8	16	Washer	
43	032-036-25-2-4	2	Ring	
44	1520-2308063-10	2	Fork	



**Figure 23.6. Final drive reduction gear of the front driving axle
(for the front driving axle 822-2300020-02 or 822-2300020-04 of Belarus-820/82.3/82II tractors)**

Group 23. Front driving axle.

Subgroup 2308. Final drive reduction gear of the front driving axle

(for the front driving axle 822-2300020-02 or 822-2300020-04 of Belarus-820/82.3/82П tractors)

Continuation of the table

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
	45	72-2203026-11	4	Cross
	46	15.22.01.013-10	2	Double universal joint fork
	47	704702K3C10	16	Bearing
48		24-2201043-01	16(max)	Lock ring
		24-2201043-10	16(max)	Lock ring
		24-2201043-20	16(max)	Lock ring
		24-2201043-30	16(max)	Lock ring
	49	32	2	Choke
	50	1520-2308048	2	Fork
	51	M8x25	8	Bolt
	52	1520-2308004	2	Cover
	53	1520-2308003	2	Gasket
	54	80-1701045	2	Nut
	55	80-1701056	2	Washer
	56	7509A	2	Bearing
	57	1520-2308002	2	Cage
	58	095-100-30-1-4	2	Ring
	59	ПІК КГ 3/8"	2	Plug
	60	ПІК КГ 3/4"	2	Plug

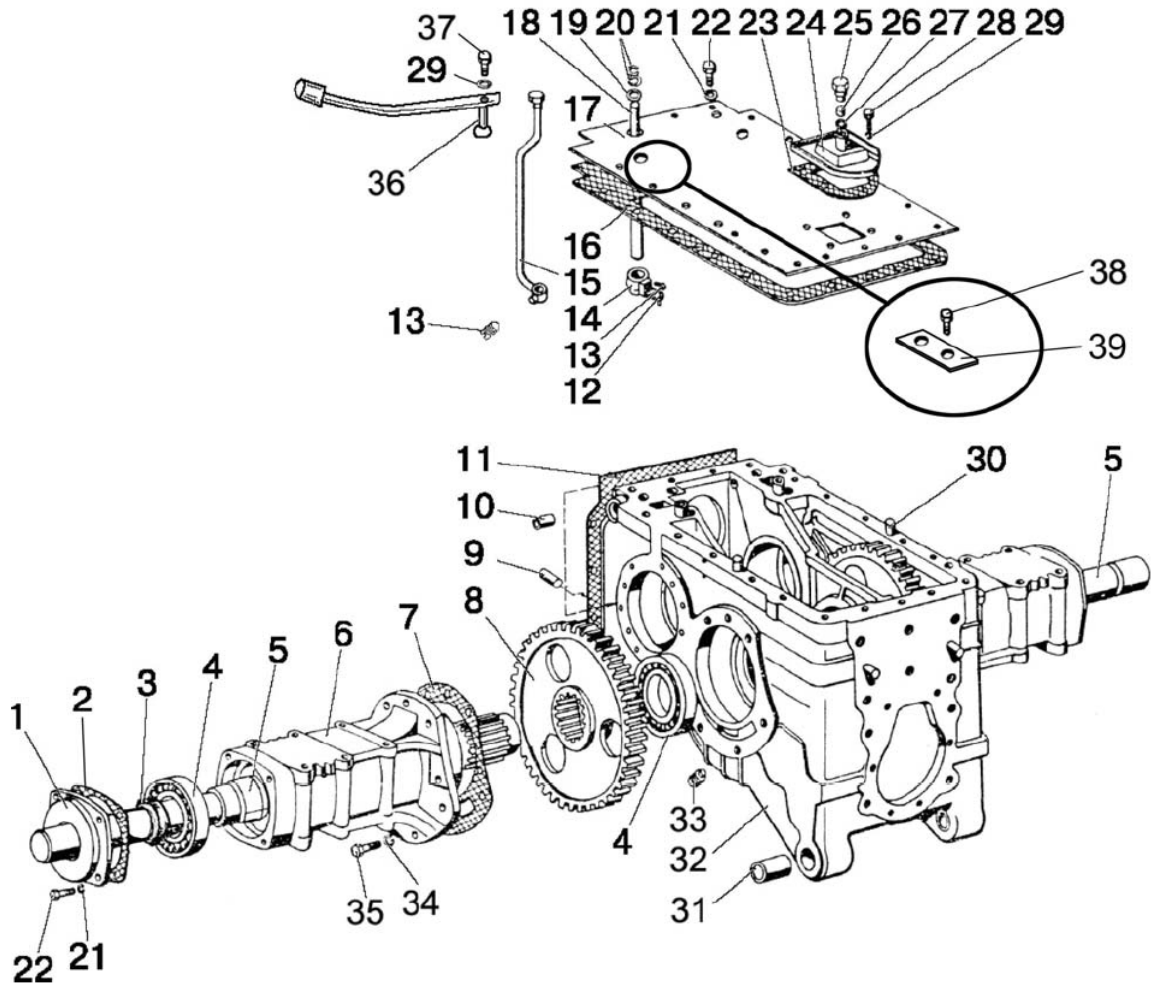


Figure 24.1. Rear axle casing. Final drive

**Group 24. Rear axle
Subgroup 2401, 2407. Rear axle casing. Final drive**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
21.4		70-2401010	1	Rear axle (1-40)
		70-2401010-05	1	Rear axle (1-40)
		50-2401015	1	Casing (9, 10, 31, 32)
		50-2401015-07	1	Casing (9, 10, 32)
		50-2401060-A	1	Cover with breather (24-27)
		50-2407020-A-01	2	Hose pipe of the half-axle (1-6, 21, 22, 37)
		50-2407030	2	Cover of the hose pipe (1, 3)
	1	50-2407028	2	Cover
	2	50-2407029	2	Gasket
	3	2.2-80x105-1	2	Cup
	4	217A	4	Bearing
	5	50-2407082-A-01	2	Half-axle
	6	50-2407020-A-01	2	Hose pipe of the half-axle
	7	50-2407031-B	4	Gasket
	8	50-2407122	2	Gear
	9	50-4605027	2	Pin
	10	36-3502037-A	**2 /1	Bushing
	11	50-2401016-B	2	Gasket
	12	1.6x200	1	Wire
	13	36-1702110	2	Screw
	14	50-2401020	1	Flange
	15	80-2401050	1	Lever
		74-2401050	1	Lever
	16	50-2401025-A	1	Gasket
	17	70-2401024	1	Cover
		70-2401024-01	1	Cover
	18	50-2401019-B	1	Roller
	19	020-025-30-1-4		Ring
	20	50-2401031	2	Washer
	21	IIIИ 12	19	Washer
	22	M12x30	19	Bolt
	23	52-2401027-A	1	Gasket
	24	50-2401070-A	1	Cover
		1221-2401026	1	Cover
	25	50-4608059	1	Breather plug
	26	50-4608063	1	Filter
	27	50-4608062	1	Washer
	28	M8x16	4	Bolt
	29	IIIИ 8	5	Washer
30	Д01-015	2	Pin	
31	50-2401032	2	Bushing	
32	50-2401015-1	1	Rear axle casing	
	50-2401015-1-07	1	Rear axle casing	
33	70-1701300	1	Draining plug 1/4"	
34	IIIИ 16	14	Washer	
35	M16x50	13	Bolt	
36	85-2401080-A	1	Lever	
37	M8x55	1	Bolt	
38	600-2401026	1	Bolt	
39	600-2401014	1	Plate	

* for Belarus-82II tractor

** for Belarus-80Y/82Y tractor

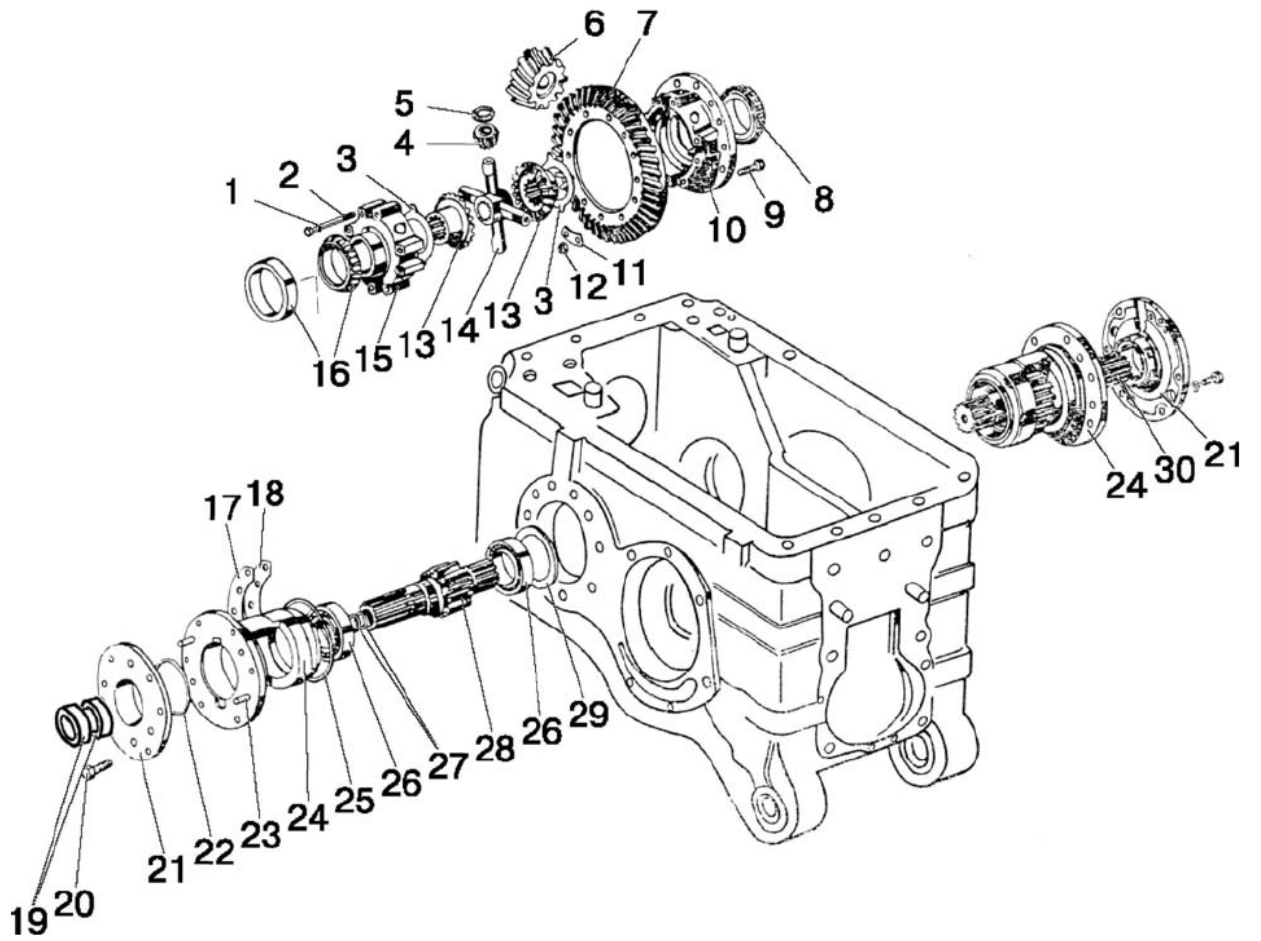


Figure 24.2. Differential. Bearing cage

**Group 24. Rear axle
Subgroup 2403. Differential. Bearing cage**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
24.2		85-2403020	1	Differential (1-5, 9-15)
		50-2403014	1	Gear set (6, 7)
		50-2407050-A-01	2	Cage cover (19, 21, 22)
		85-2403015	1	Differential casing (10,15)
		70-2407060	1	Left cage (24-29)
		70-2407060-01	1	Right cage (24-27, 29, 30)
	1	ШПН 12	8	Washer
	2	50-2403034-A	8	Bolt
	3	50-2403049-Б	2	Bolster
	4	85-2403055	4	Planetary gear with bushing
	5	85-2403025	4	Planetary gear washer
	6	50-1701105-Б	1	Driving gear
	7	50-2403021-Б	1	Driven gear
	8	7515A	1	Bearing
	9	50-1702092	12	Fitter bolt
	10	85-2403018	1	Casing
	11	50-2403023	6	Locking plate
	12	M12	12	Nut
	13	50-2403048	2	Half-axle gear
	14	50-2403062-A2	1	Cross
	15	85-2403019	1	Cover
	16	7215A	1	Bearing
	17	50-2407056	14	Gasket 0.5 mm
	18	50-2407057	10	Gasket 0.2 mm
	19	КΦА-50x70	4	Cup
	20	M12x25	4	Bolt
	21	85-2407059	2	Cage cover
	22	ЦС110-1414045-4	2	Ring
	23	50-1601352	4	Pin
	24	50X-2407042	2	Cage
25	160-165-36-1-4	2	Ring	
26	42212 KM	4	Bearing	
27	035-040-30-1-4	4	Ring	
28	70-2407053	1	Left gear	
29	85-2407043	2	Ring	
30	70-2407053-01	1	Right gear	

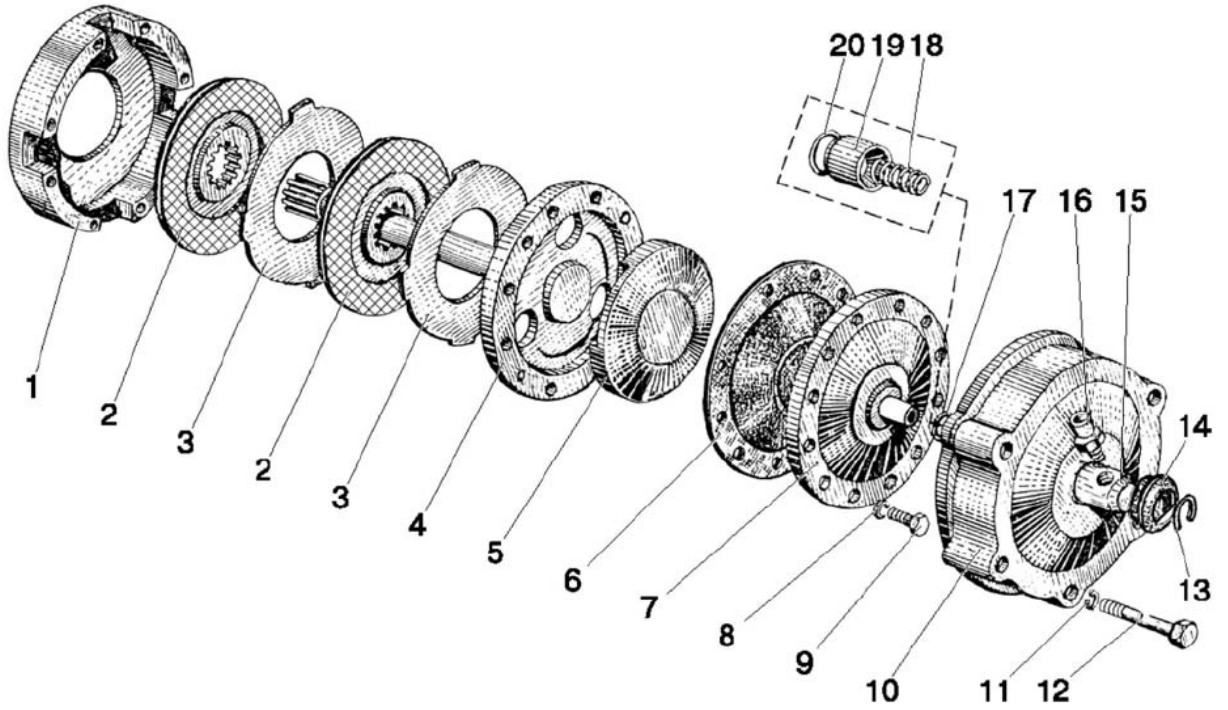


Figure 24.3. Differential lock mechanism

Group 24. Rear axle
Subgroup 2409. Differential lock mechanism

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
24.3		70-2409010-Б	1	Lock-up clutch (1-9)
		82P-2409050	1	Adapter (10, 13-20)
	1	70-2409015-A	1	Clutch casing
	2	70-3502040-01 or 70-3502040-04	2	Brake disk
	3	70-2409028	2	Throw-out disk
	4	70-2409020	1	Lock-up shaft
	5	70-2409018	1	Pressure plate
	6	70-2409021	1	Diaphragm
	7	70-2409030-Б	1	Diaphragm cover
	8	ШШШ 8	8	Washer
	9	M8x40	8	Bolt
	10	70-2409035-A6	1	Guard
	11	ШШШ 12	5	Washer
	12	M12x200	5	Bolt
	13	C40	1	Ring
	14	82P-2409036-A	1	Seal
	15	70-2409026-Б	1	Adapter
	16	70-2409037	1	Connecting pipe
	17	020-025-30-1-4	1	Ring
	18	54-06-448-A	1	Spring
19	70-2409027-A	1	Bushing	
20	70-2409033-Б	1	Ring	

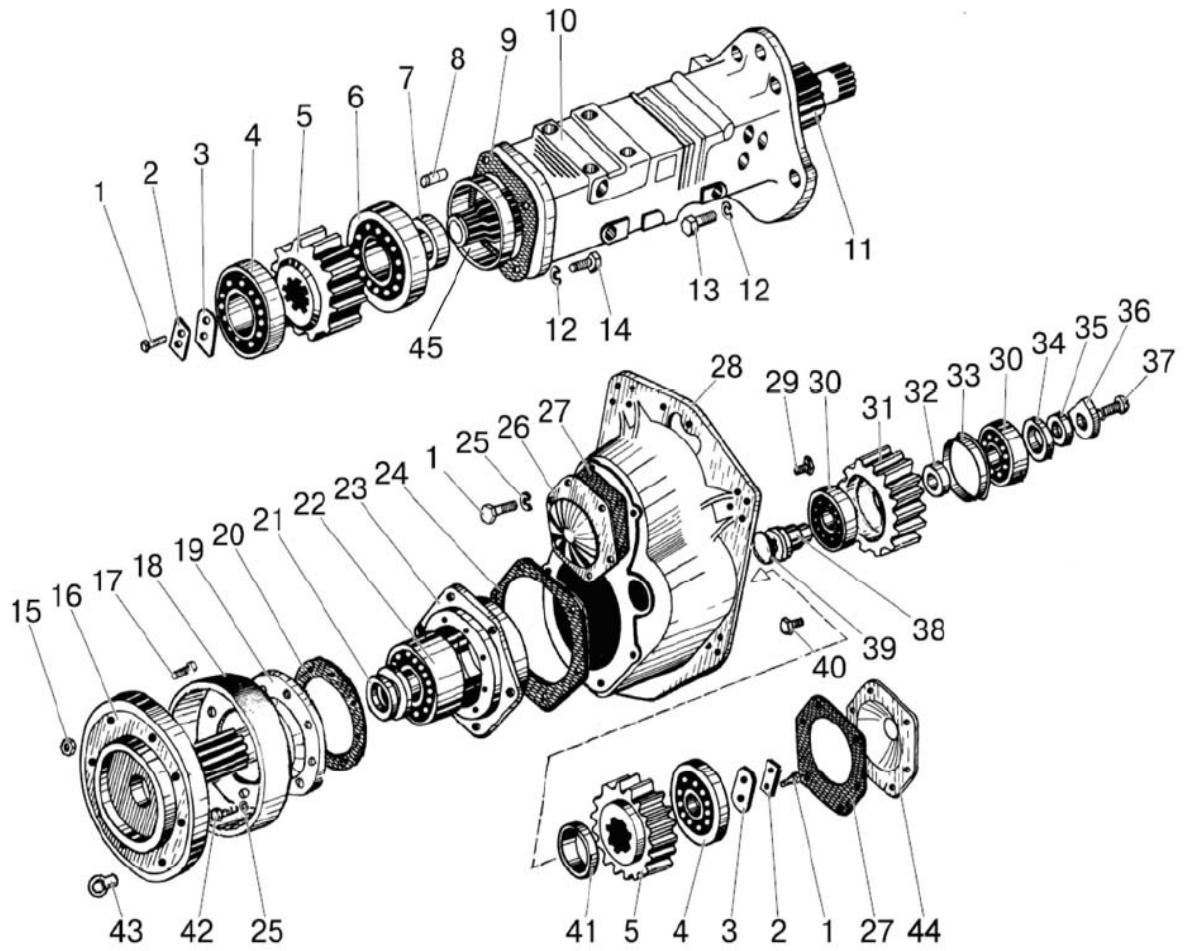
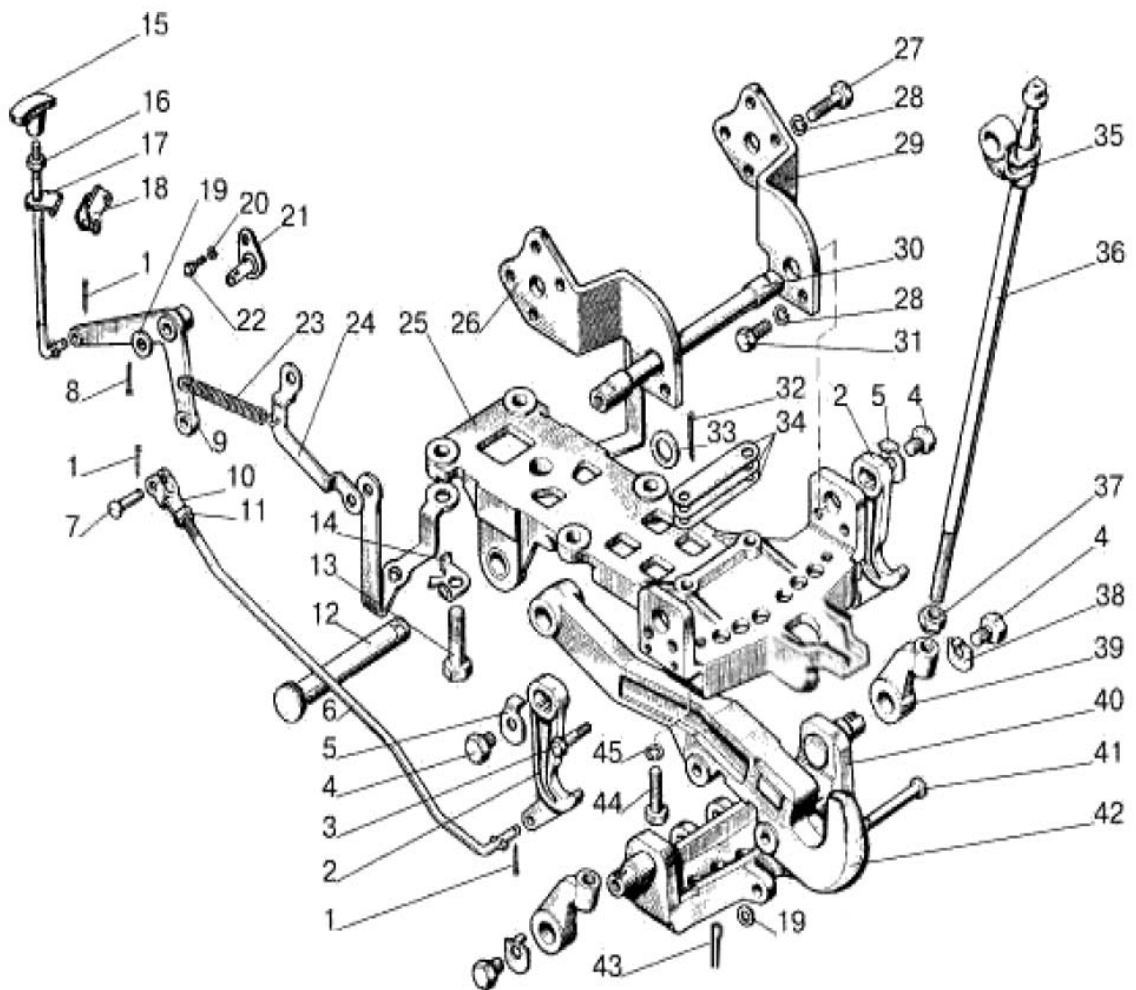


Figure 24.4. Final reduction gear (for Belarus-82II tractor)

Group 24. Rear axle

Subgroup 2412. Final reduction gear (for Belarus-82II tractor)

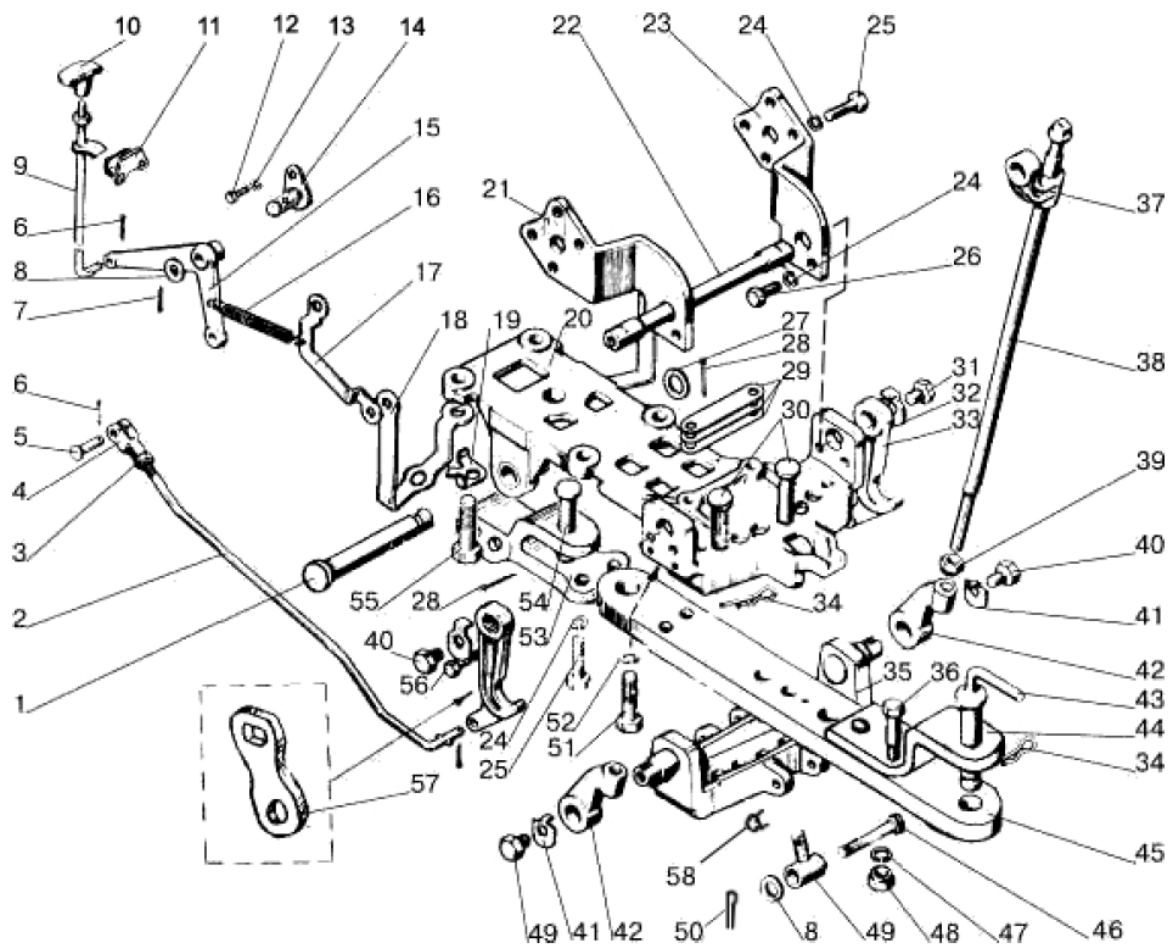
Figure No.	Pos. No.	Assembly or part number	Quantity	Description
24.4		50X-2412010-A-02	1	Final right-hand reduction gear
		50X-2412020-A-02	1	Final left-hand reduction gear
	1	M12x30	20	Bolt
	2	72-2308013	4	Locking plate
	3	50X-2412056	4	Thrust washer
	4	42412 KM	4	Bearing
	5	50X-2412049	4	Gear
	6	42315 KM	2	Bearing
	7	2.2-85x110-3	2	Cup
	8	50-1601352	2	Setting pin
	9	50X-2412072	2	Gasket
	10	80X-2412018	2	Hose pipe
	11	80X-2412046-01	2	Shaft
	12	IIIИ 16	24	Washer
	13	M16x45	17	Bolt
	14	M16x40	12	Bolt
	15	36-3104019	14	Nut
	16	82P-2412075	2	Half-axle
	17	70-3109034	16	Bolt
	18	82P-2412014	2	Dirt pocket
	19	50X-2412015	2	Cage cover
	20	50X-2412033	2	Gasket
	21	2.2-100x125-1	2	Cup
	22	315	2	Bearing
	23	50X-2412068	2	Cage
	24	50X-2412066	2	Gasket
	25	IIIИ 12	44	Washer
	26	50X-2412092	2	Cover
	27	50X-2412093	4	Gasket
	28	80X-2412039-A	1	Right casing
		80X-2412039-A-01	1	Left casing
	29	IIIК KI 3/4"	2	Plug
	30	7809	4	Bearing
	31	50X-2412054-B1	2	Gear
	32	50X-2412082-B1 or 50X-2412082-B1-01 or 50X-2412082-B1-03	to be selected	Ring
	33	50X-2412081-B1	2	Ring
	34	50X-2412082-B1-02	2	Ring
	35	50-1601321	2	Seal ring
	36	50X-2412051	2	Pressure washer
	37	M14x40	2	Bolt
	38	50X-2412053-B1	2	Axle
	39	054-060-36-1-4	2	Ring
	40	70-1701300	2	Plug 1 1/4"
	41	50X-2412023-B	2	Spacing bushing
	42	M12x40	24	Bolt
43	70-3104019	2	Special nut	
44	80X-2412065	2	Cover	
45	80X-2412024	1	Bushing	



**Figure 27.1. Hitch. Hook version (optionally)
(For tractors with and without power governor)**

Group 27. Hitch
Subgroup 2707. Hitch. Hook version (optionally)
(For tractors with and without power governor)

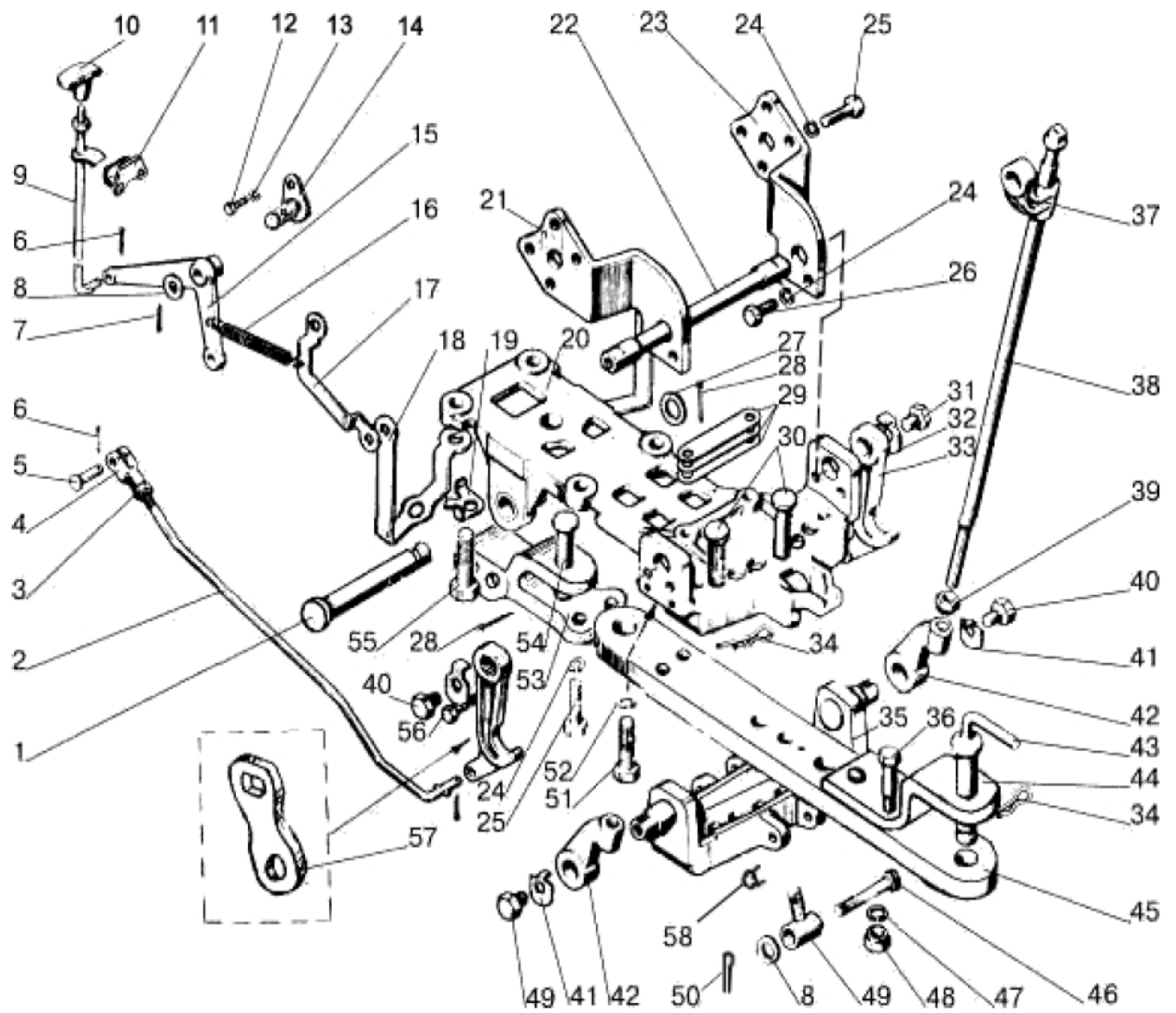
Figure No.	Pos. No.	Assembly or part number	Quantity	Description
27.1		80-2707110- A1-03	1	Hitch (1-45)
	1	3.2x18	3	Cotter pin
	2	80-2807077	2	Gripping device
	3	80-2707118	1	Bolt
	4	80-2707137	4	Bolt
	5	80-2707153	2	Washer
	6	80-2707133-Б	1	Rod
	7	12x32	1	Pin
	8	3.2x25	1	Cotter pin
	9	70-2807079	1	Lever
	10	50-3502203	1	Fork
	11	M12x1.25	1	Nut
	12	80-4619019	1	Pin
	13	40-3104021	4	Bolt
	14	70-2807044	4	Washer
	15	50-1310136-A	1	Handle
	16	M8	1	Nut
	17	80-2807180-Б	1	Handle
	18	85-2807092	1	Bracket
	19	ШПЧ 16	1	Washer
	20	ШПН 10	1	Washer
	21	70-1602120-Б	1	Shaft flange
	22	M10x20	1	Bolt
	23	50-1605152	1	Spring
	24	70-2807081	1	Bracket
	25	80-2707120-Б1	1	Bracket
	26	80-2707116	1	Side piece
	27	M16x50	8	Bolt
	28	ШПН 16	12	Washer
	29	80-2707116-01	1	Side piece
	30	80-2707141	1	Axle
	31	M16x32	4	Bolt
	32	6.3x36	1	Cotter pin
	33	70-4619042	1	Washer
	34	70-2807039	2	Plate 1 mm
		70-2807039-01	1	Plate 0.5 mm
		70-2807039-02	2	Plate 0.2 mm
	35	70-2807051	2	Shackle
	36	70-2807052-Б	2	Rod screw
	37	40-3405062	2	Nut
	38	80-2707138	2	Washer
	39	70-2807053-Б	2	Rod nut
	40	80-2707130-Б	1	Cross-bar
	41	80-2707123	2	Axle
	42	80-2707111-Б	1	Hook
43	5x36	2	Cotter pin	
44	80-2807026-01	2	Bolt	
45	ШПН 18	2	Washer	



**Figure 27.2. Hitch. “Pendulum” or “trailer” version (optionally)
(For tractors with and without power governor)**

Group 27. Hitch
Subgroup 2707. Hitch. "Pendulum" or "trailer" version (optionally)
(For tractors with and without power governor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
27.2		80-2707110-A1-01/-05		Hitch
	1	80-4619019	1	Pin
	2	80-2707133-B	1	Rod
	3	M12x1.25	1	Nut
	4	50-3502203	1	Fork
	5	12x32	1	Pin
	6	3.2x18	3	Cotter pin
	7	3.2x25	1	Cotter pin
	8	ШПЧ 16	2	Washer
	9	80-2807180-B	1	Handle
		M8	1	Nut
	10	50-1310136-A	1	Handle
	11	85-2807092	1	Bracket
	12	M10x20	1	Bolt
	13	ШПЧ 8	1	Washer
	14	70-1602120-B	1	Shaft flange
	15	70-2807079	1	Lever
	16	50-1605152	1	Spring
	17	70-2807081	1	Bracket
	18	80-2707129	1	Left-hand plate
		80-2707129-01	1	Right-hand plate
	19	70-2807044	4	Washer
	20	80-2707120-B	1	Bracket
	21	80-2707116	1	Side piece
	22	80-2707141	1	Axle
	23	80-2707116-01	1	Side piece
	24	ШПЧ 16	14	Washer
	25	M16x50	8	Bolt
	26	M16x32	4	Bolt
	27	70-4619042	1	Washer
	28	6.3x36	1	Cotter pin
	29	70-2807039	2	Plate 1 mm
		70-2807039-01	1	Plate 0.5 mm
		70-2807039-02	2	Plate 0.2 mm
	30	80-2707128	2	Pin
	31	80-2707137	4	Bolt
	32	80-2707153	2	Washer
	33	80-2707077	2	Gripping device
	34	A61.07.001	2	Cotter pin
	35	80-2707130-B	1	Cross-bar
	36	80-2707149	3	Bolt
	37	70-2807051	2	Shackle
	38	70-2807052-B	2	Rod screw
	39	40-3405062	2	Nut
	40	80-2707137	4	Bolt
	41	80-2707138	2	Washer
	42	70-2807053-B	2	Rod nut
	43	50-4605079-B	1	Pin assembly
44	80-2707143	1	Tie plate	
45	80-2707144-B1	1	Rod (for assembly 80-2707110-A1-01)	
46	80-2707123	2	Axle	
47	ШПЧ 20	3	Washer	
48	M20x1.5	3	Nut	



**Figure 27.2. Hitch. “Pendulum” or “trailer” version (optionally)
(For tractors with and without power governor)**

Group 27. Hitch

Subgroup 2707. Hitch. “Pendulum” or “trailer” version optionally

(For tractors with and without power governor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
27.2	49	80-2707126	2	Pin
	50	5x36	2	Cotter pin
	51	80-2807026-01	2	Bolt
	52	IIIИ 18	2	Washer
	53	80-2707124	1	Shackle
	54	80-2707127	1	Pin
	55	40-3104021	4	Bolt
	56	80-2707118	1	Bolt
	57	80-2707177	1	Plate
	58	A61.05.004	2	Ring

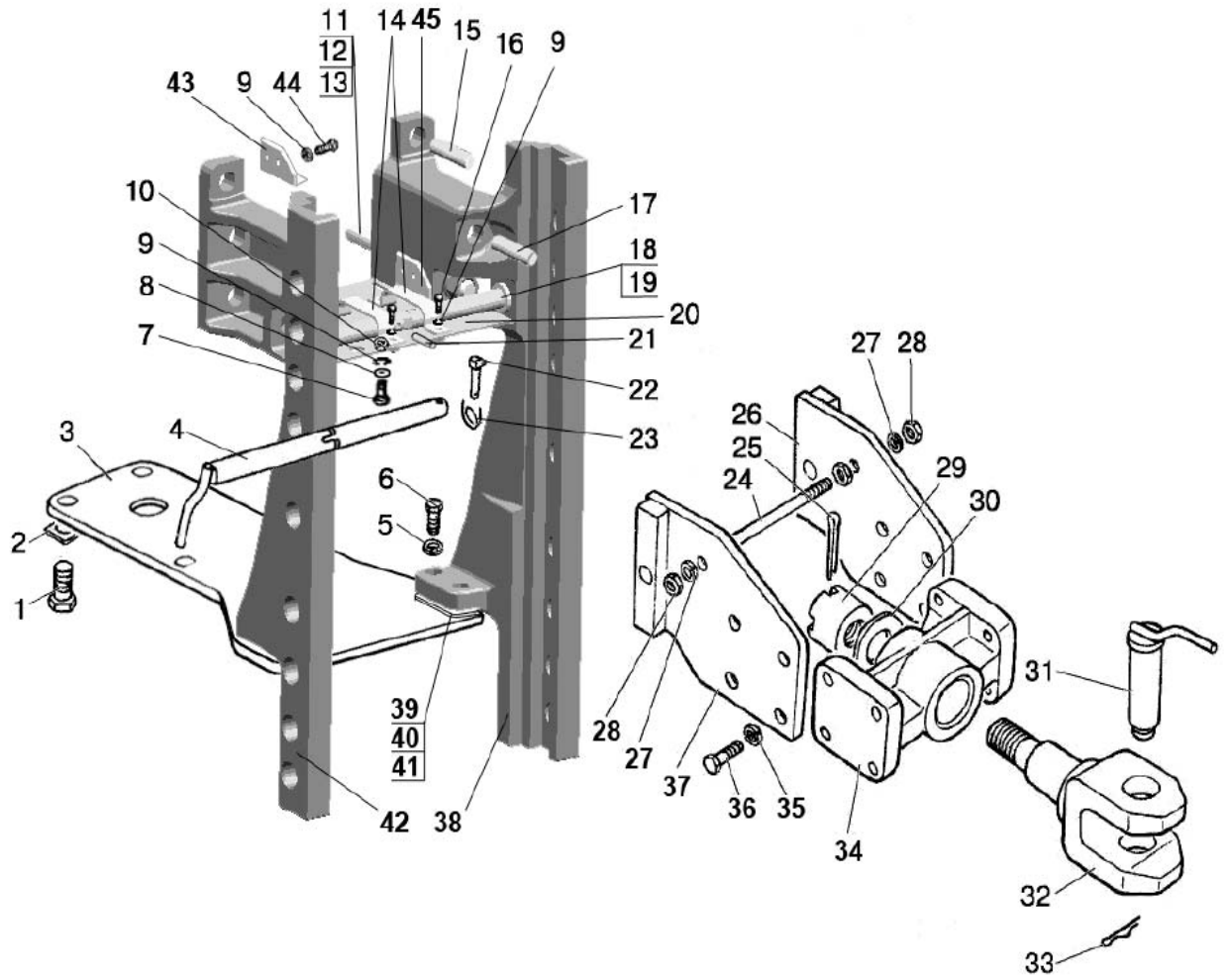


Figure 27.3. Traction hitch mechanism (for Belarus-82II tractor)

Group 27 Hitch
Subgroup 2707. Traction hitch mechanism (for Belarus-82II tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
27.3		1322-2707210	1	Traction hitch mechanism
	1	1321-2707014	4	Bolt
	2	1222-2707137	2	Plate
	3	1321-2707011-Б	1	Plate
	4	1321-2707030	1	Pin
	5	ШШ 16	4	Washer
	6	1220-4605506	4	Bolt
	7	M6x18	1	Bolt
	8	ШЧ 6	1	Washer
	9	ШШ 6	9	Washer
	10	M6	1	Nut
	11	921-2707068-02	2	Pin
	12	M20	6	Nut
	13	ШШ 20	6	Washer
	14	1321-2707083-Б	2	Clamp
	15	921-2707068	2	Pin
	16	M6x12	4	Bolt
	17	921-2707068-03	2	Pin
	18	1322-2707274	1	Rod
	19	1322-2707211	1	Bushing
	20	1322-2707280	1	Shield assembly
	21	A.6x30	1	Pin
	22	A61.05.005	1	Locking pin
	23	A61.05.004	1	Ring
	24	1522-2707244	1	Rod
	25	6.3x63	1	Cotter pin
	26	1321-2707070-Б-01	1	Plate
	27	ШШ 16	2	Washer
	28	M16	4	Nut
	29	1522-2707243	1	Nut
	30	1522-2707242	1	Washer
	31	1522-2707079-A	1	Pin assembly
	32	921-2707055	1	Fork
	33	A61.07.001-A	1	Cotter pin
	34	1321-2707051-Б	1	Bracket
	35	ШШ 20	8	Washer
	36	680-2707024	8	Bolt
	37	1321-2707070-Б	1	Plate
	38	1322-2707261	1	Side piece
	39	900-2707135	2 (not more)	Plate
	40	900-2707135-01	2 (not more)	Plate
	41	900-2707135-02	2 (not more)	Plate
	42	1322-2707261-01	1	Side piece
	43	1322-2707262-01	1	Bracket
	44	M6x16	4	Bolt
45	1322-2707262	1	Bracket	

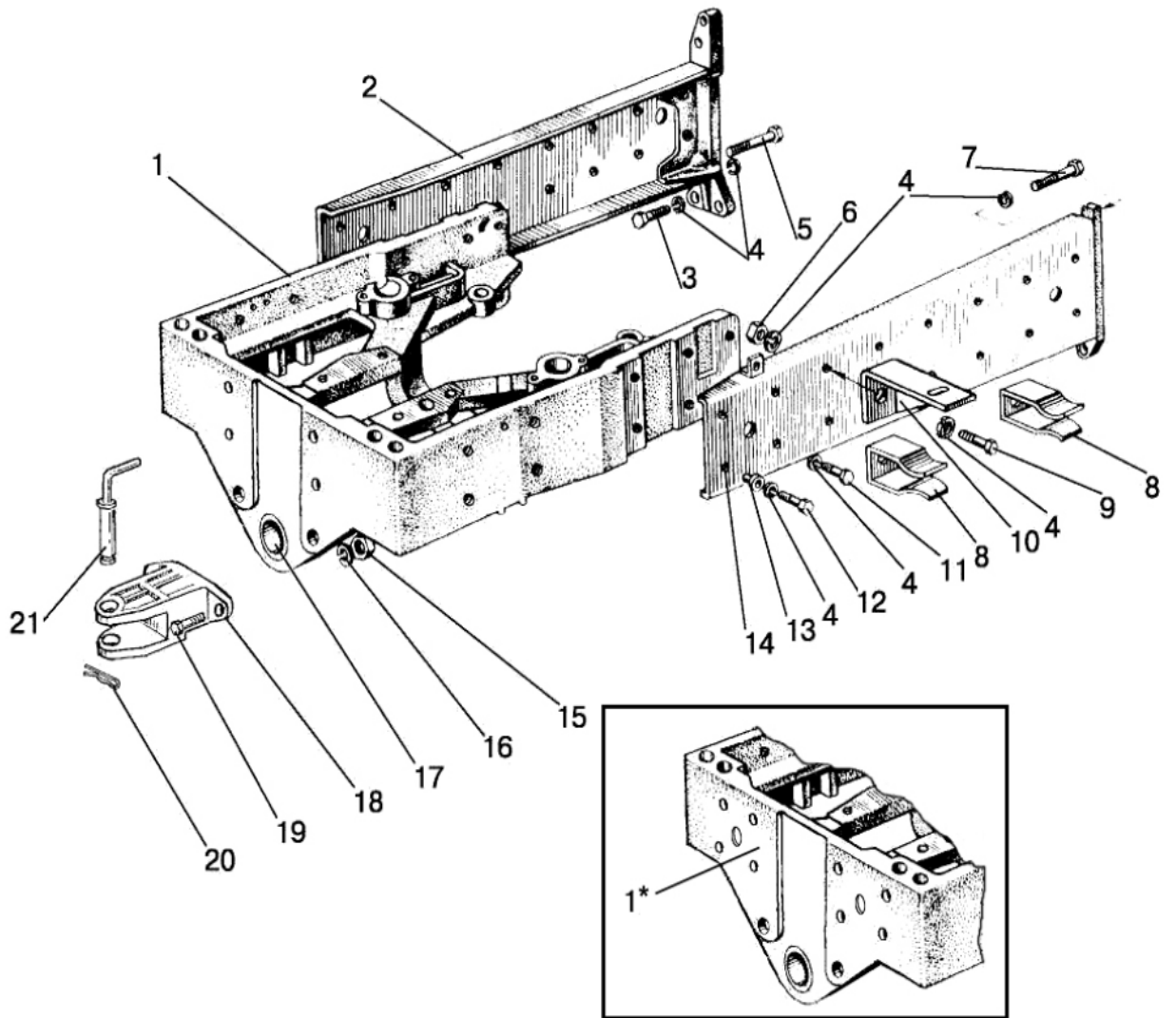


Figure 28.1. Semiframe

Group 28. Frame
Subgroup 2801. Semiframe

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
28.1		80-2800010-01	1	Semiframe (1, 2, 11-14, 17)
		80-2800010-02*	1	Semiframe (1, 2, 11-14, 17)
		70-2801120-A1-01	1	Front bar (1, 17)
		70-2801120-A1-02*	1	Front bar (1, 17)
		80-2806010-01**	1	Front towing arrangement (15, 16, 18, 21)
	1	50-2801124-A2*	1	Front bar
	1	50-2801124-A2-01	1	Front bar
	2	80-2801050-01	1	Right side member
	3	M16x60	6	Bolt
	4	IIIИ 16	25	Washer
	5	70-2800016-01	2	Bolt
	6	M16	1	Nut
	7	70-2800016	2	Bolt
	8	50-3913214	2	Clamp
	9	M16x32	2	Bolt
	10	80-3919106	2	Bracket
	11	M16x32	8	Bolt
	12	M16x45	4	Bolt
	13	50-2800011	4	Bushing
	14	80-2801060-01	1	Left side member
	15	M20**	2	Nut
16	IIIИ 20**	2	Washer	
17	40-3001022	2	Bushing	
18	80-2806011**	1	Front towing arrangement	
19	70-4605036**	2	Bolt	
20	A61.07.001**	2	Cotter pin	
21	50-4605079-Б**	1	Pin assembly	

* for Belarus-82II/820 tractor

** to be mounted in the absence of the front ballast

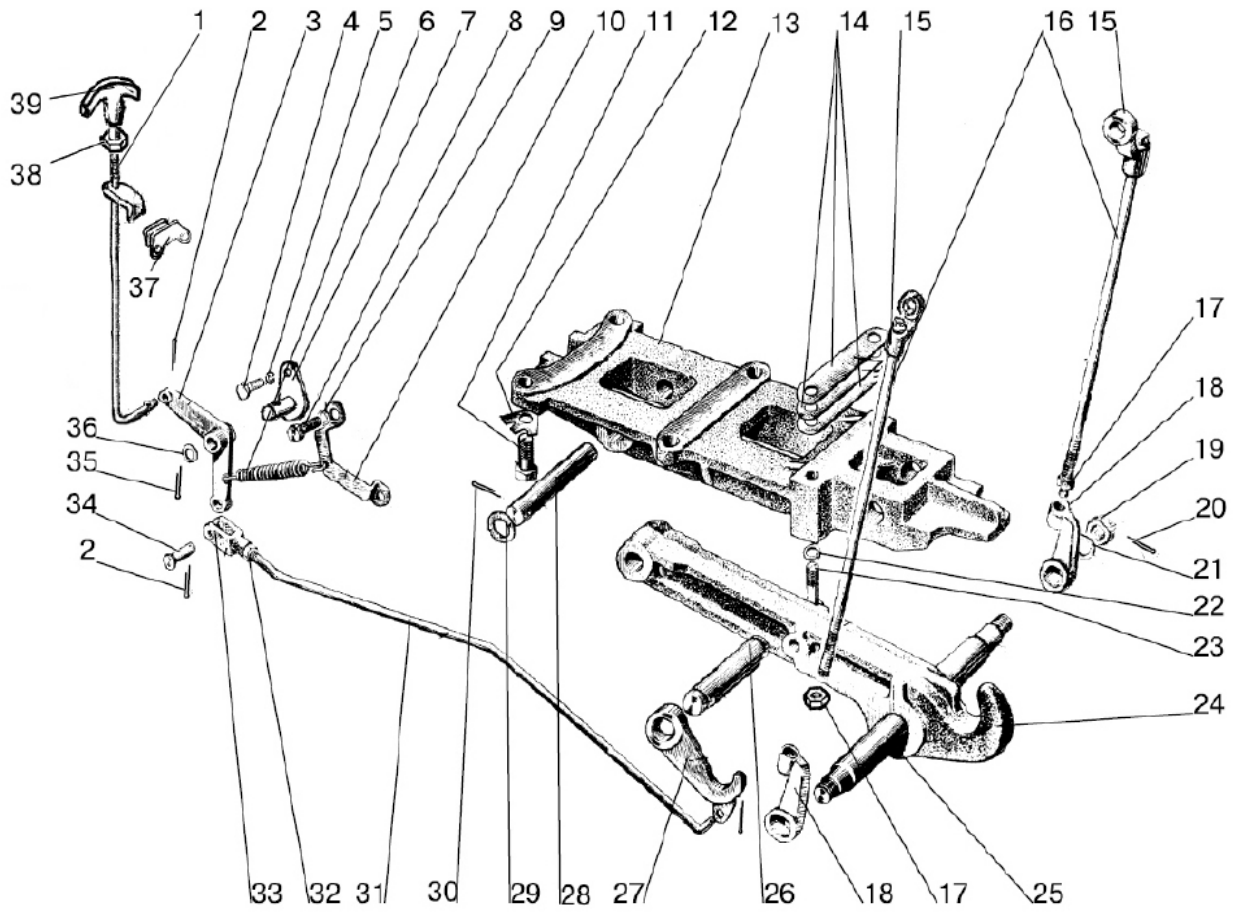


Figure 28.2. Hydraulic hook (optionally, except for Belarus-82II tractor)

Group 28. Frame
Subgroup 2807. Hydraulic hook
(optionally, except for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
28.2		80-2807010	1	Coupling hook (1-39)
		80-2807040	1	Rod (31-33)
		80-2807070	1	Hook (24, 25)
	1	80-2807180-Б	1	Handle
	2	3.2x18	3	Cotter pin
	3	70-2807079	1	Lever
	4	M10x20	1	Bolt
	5	ШПН 10	1	Washer
	6	50-1605152	1	Spring
	7	70-1602120-Б	1	Axle flange
	8	M16x50	2	Bolt
	9	ШПН 16	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	Plate 0.2 mm
	15	70-2807051	2	Shackle
	16	70-2807052-Б	2	Screw
	17	40-3405062	2	Nut
	18	70-2807053-Б	2	Rod nut
	19	M20x1,5	2	Nut
	20	4x36	2	Cotter pin
	21	ШПЧ 20	2	Washer
	22	ШПН 18	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	Gripping device
	28	50-2807013-Б	1	Axle
	29	36-3503018	2	Washer
	30	6,3x36	2	Cotter pin
	31	70-2807043-Б	1	Rod
	32	M12x1.25	2	Nut
	33	50-3502203	1	Fork
	34	12x32	1	Pin
35	3.2x25	1	Cotter pin	
36	ШПЧ 16	1	Washer	
37	85-2807092	1	Bracket	
38	M8	1	Nut	
39	50-1310136-A	1	Handle	

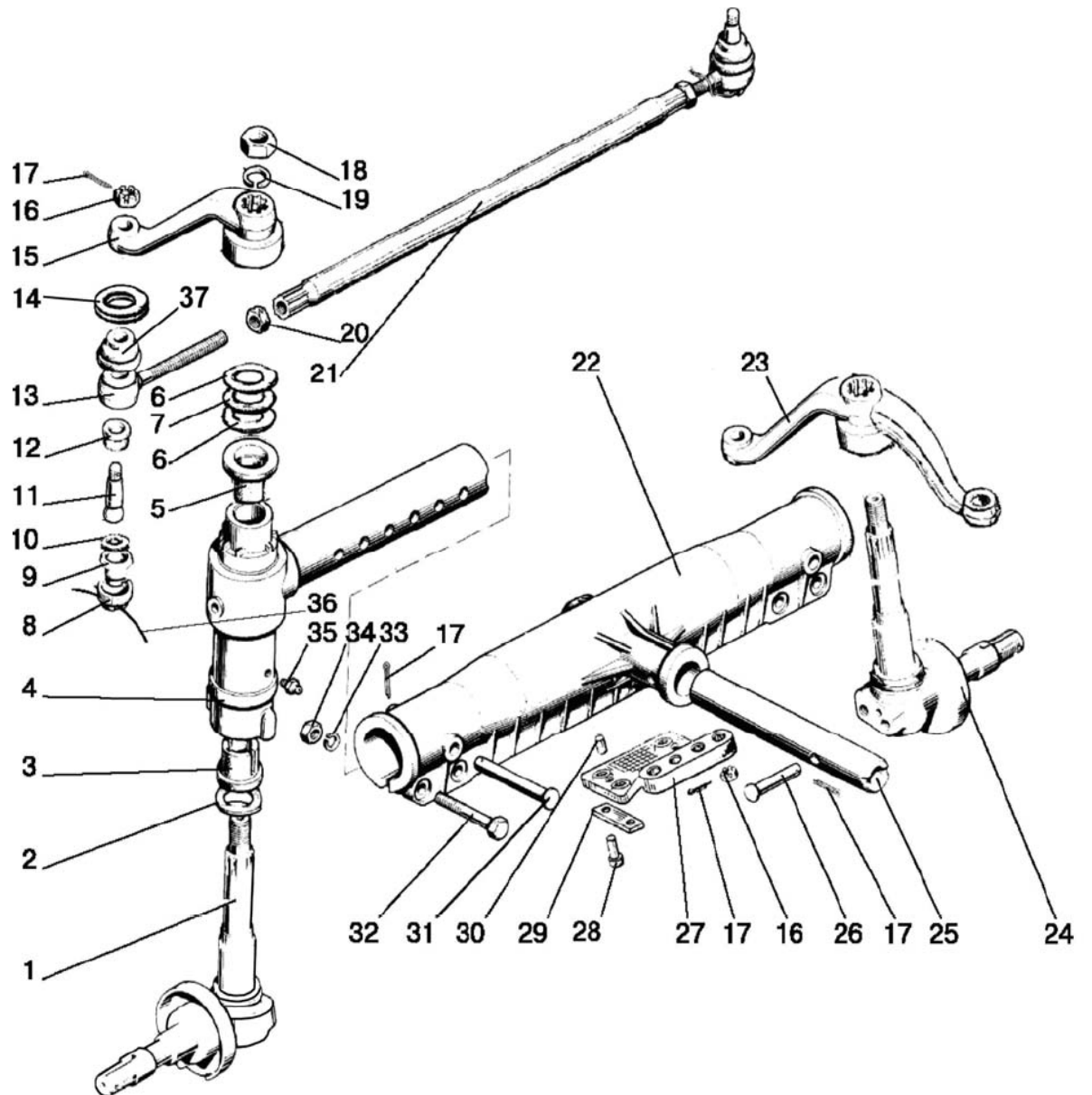
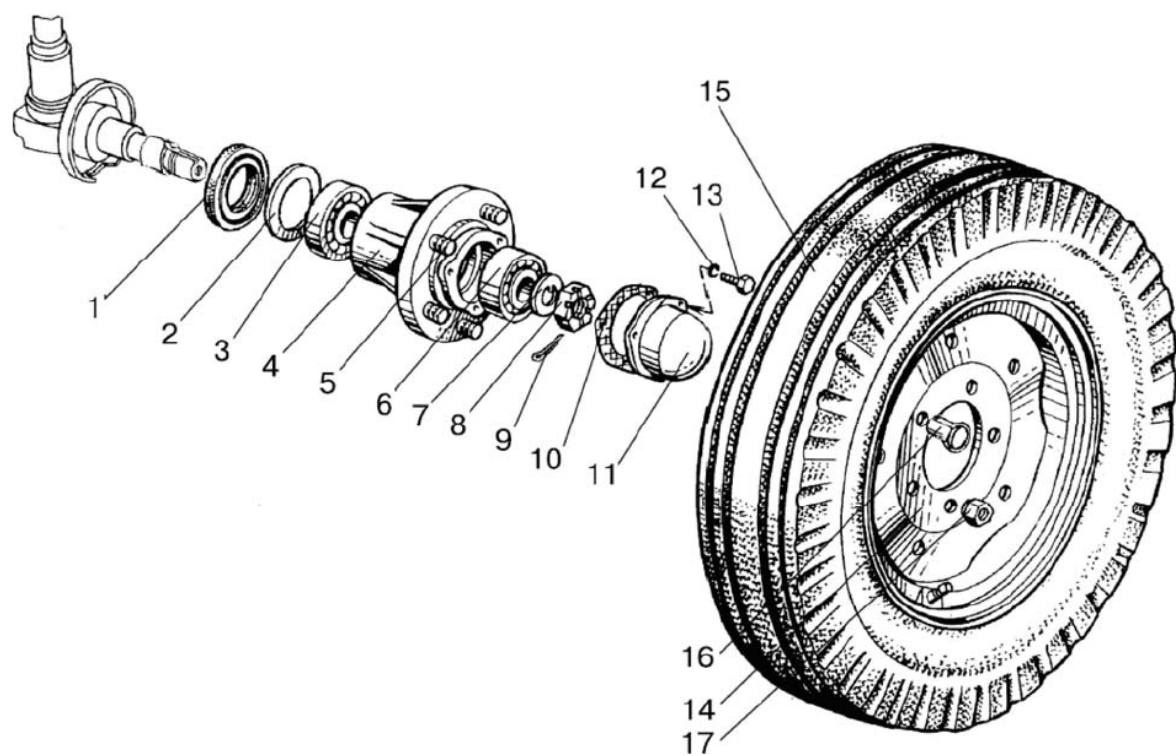


Figure 30.1. Front axle and steering link (for Belarus-80.1/80.3/80Y tractors)

Group 30. Front axle
Subgroup 3000. Front axle and steering link (for Belarus-80.1/80.3/80Y tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
30.1		80-3000030-03	1	Front axle (1-7, 15, 18, 19, 22-35)
		1220-3003010	1	Steering link (8-14, 16, 17, 20, 21)
	1	80-3001065-01	1	Right-hand journal with half-axle
	2	070-080-58-2-2	2	Ring
	3	70-3001101-A	2	Bushing
	4	80-3001070	2	Extensible knuckle
	5	70-3001102-A	2	Bushing
	6	80-3001032	4	Washer
	7	80-3001031	2	Washer
	8	50-3003018-Б	2	Plug
	9	1220-3003028	2	Lower bushing
	10	1220-3003027	2	Bushing
	11	1220-3003021	2	Ball pin
	12	1220-3003023	2	Upper bushing
	13	1220-3003022	1	Universal joint housing with right-hand thread
		1220-3003022-01	1	Universal joint housing with left-hand thread
	14	1220-3003029	2	Ring
	15	70-3001040	1	Right-hand lever
	16	M20x1.5	4	Nut
	17	4x36	7	Cotter pin
	18	50-3001087	2	Nut
	19	27JI	2	Washer
	20	1220-3003013	1	Locknut with right-hand thread
		1220-3003013-01	1	Locknut with left-hand thread
	21	1220-3003011	1	Tube
	22	50-3001010-A-01	1	Front axle
	23	70-3001040-01	1	Left lever
	24	80-3001065	1	Left-hand journal with half-axle
	25	50-3000011	1	Pivot pin
	26	16x80	1	Pin
	27	Φ80-3001011	1	Bracket
	28	M16x40	4	Bolt
	29	Φ80-3001013	2	Plate
	30	Д01-015	2	Pin
	31	6-201111 x 120	2	Axle
	32	M18x1.5x100	4	Bolt
	33	ШП 18	4	Washer
34	M18x1.5	4	Nut	
35	1.3.Ц6xp	2	Greaser	
36	2.0x270	2	Wire	
37	1220-3003025-A	2	Boot	



**Figure 31.1. Front guide wheels. Hubs of the front wheels
(for Belarus-80.1/80.3/80Y tractors)**

Group 31. Wheels and hubs
Subgroup 3101, 3103. Hubs of the front wheels
(for Belarus-80.1/80.3/80Y tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
31.1		70-3103010-A	2	Front wheel hub (1-6)	
	1	2.2-80x105-1	2	Cuff	
	2	A04.03.020	2	Washer	
	3	7609A	2	Bearing	
	4	A04.03.21	2	Hub	
	5	40-3103016	10	Bolt	
	6	7608A1	2	Bearing	
	7	A04.03.019	2	Washer	
	8	50-1701253-01	2	Nut	
	9	5x45	2	Cotter pin	
	10	A04.03.014	2	Gasket	
	11	A04.03.013-A	2	Cover	
	12	IIIPI 8	6	Washer	
	13	M8x16	6	Bolt	
			50-3100110	2	Wheel 7.50-20 (fitted with tyre) (14, 15)
	14		5.50P-20-3101020 or 40-3101010-A3	2	Wheel 5.50P-20 (disk and rim)
	15			2	Tyre 7.50-20
		70-3100210-02	2	Wheel 9.00-20 (fitted with tyre) (14, 15)	
14		5.50P-20-3101020 or 40-3101010-A3	2	Wheel 5.50P-20 (disk and rim)	
15			2	Tyre 9.00-20 model ВФ-223 or 9.00P20 model Бел-311	
16		70-3104019-01	2	Special (auxiliary) nut	
17		40-3103017-01	10	Nut	



Figure 31.2. Front driving wheels

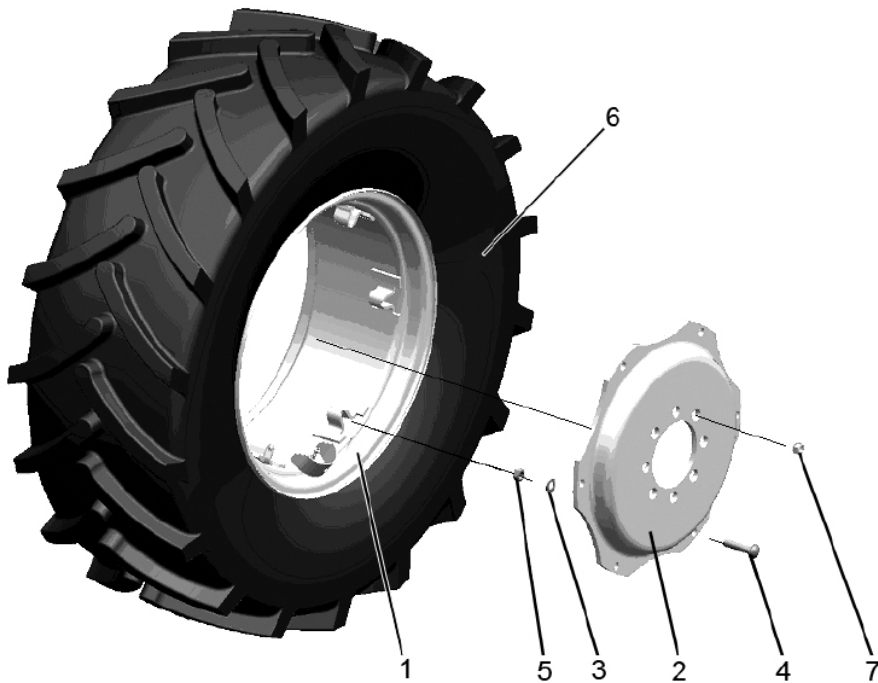


Figure 31.3. Front driving wheels

Group 31. Wheels and hubs
Subgroup 3101. Front driving wheels

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
31.2		82-3101015-01*	2	Wheel 11.2-20 (assembly with tyre) (1, 2)
	1	CW9-20-3101020-A	2	Wheel W9-20 (rim and disk of the wheel with 8 holes)
	2		2	Tyre 11.2-20
		82-3101015-02*	2	Wheel 11.2-20 (assembly with tyre) (1, 2)
	1	W9-20-3101020-A-01	2	Wheel W9-20 (rim and disk of the wheel with 5 holes)
	2		2	Tyre 11.2-20
		86-3101020*	2	Wheel 13.6-20 (fitted with tyre) (1, 2)
	1	W12-20-3101015-A	2	Wheel W12-20 (disk and rim)
	2		2	Tyre 13.6-20 or 13.6R20 or 360/70R20
		82P-3101010***	2	Wheel 16.0-20 (assembly with tyre) (1, 2)
	1	W12-20-3101015-A	2	Wheel W12x20 (disk and rim)
	2		2	Tyre 16.0-20 model Φ -76
	3	40-3103017-01	16	Nut
31.3		822-3101010**	2	Wheel 360/70R24 (assembly with tyre) (1-6)
		W12-24-3101020-01 or 880.3101012-01	2	Wheel W12x24 (1, 2, 3, 4, 5)
	1	W12-24-3101035	2	Rim W12x24 with brackets
	2	W12-24-3101017	2	Disk
	3	52-2301065	12	Washer
	4	1221-3101011	12	Bolt
	5	1221-3101013 or M16x1.5	12	Nut
	6		2	Tyre 360/70R24
7	40-3103017-01	16	Nut	

* for Belarus-82.1/82Y tractors

** for Belarus-820/82.3/82П tractors

*** for Belarus-82P tractors

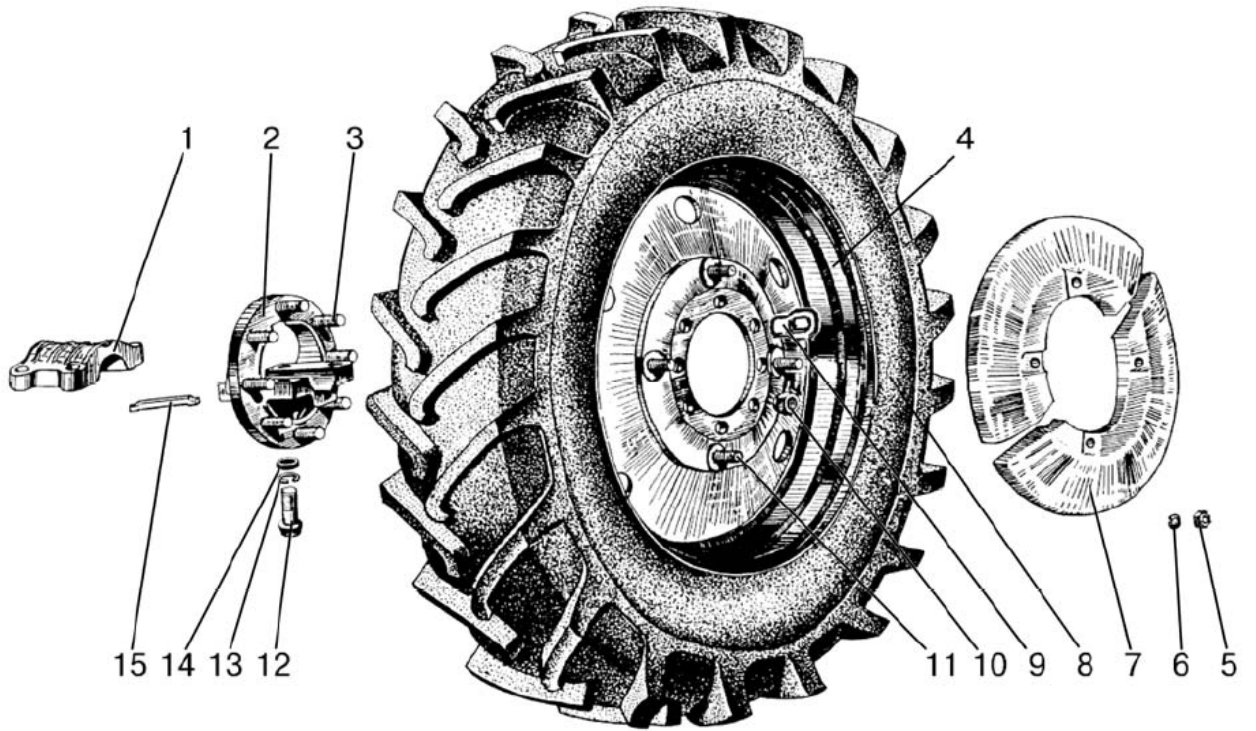


Figure 31.4. Rear wheels. Hubs of the rear wheels

Group 31. Wheels and hubs
Subgroup 3104, 3107. Rear wheels. Hubs of the rear wheels

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
31.4		70-3100220-A	2	Wheel 15.5R38 (assembly with tyre) (4, 8)
	4	C70-3107012	2	Wheel DWV14L-38 (disk and rim)
	8		2	Tyre 15.5R38
		72-3107010*	2	Wheel 16.9R38 (assembly with tyre) (4, 8)
	4	DW15Lx38-3107020 or 8746.3107012П3	2	Wheel DW15Lx 38 (disk and rim)
	8		2	Tyre 16.9R38
		72-3107010-05*	2	Wheel 16.9R38 (assembly with tyre) (4, 8)
	4	C70-3107012	2	Wheel DWV14L - 38 (disk and rim)
	8		2	Tyre 16.9R38
		80-3107010**	2	Wheel 18.4R34 (assembly with tyre) (4, 8)
	4	C885.3107012	2	Wheel DW16-34 (disk and rim)
	8		2	Tyre 18.4R34 model Φ-11
		82P-3107010***	2	Wheel 18.4R34 (assembly with tyre) (4, 8)
	4	C885.3107012	2	Wheel DW16-34 (disk and rim)
	8		2	Tyre 18.4R34 model Φ-44
		50-3100160	2	Wheel (assembly with tyre) (4, 8)
	4	50-3107020	2	Wheel DW14x30 (disk and rim)
	8		2	Tyre 18.4R30 or 18.4/78-30
		80H-3100060**	2	Wheel 16.9R 30 (assembly with tyre) (4, 8)
	4	50-3107020	2	Wheel DW14x30 (disk and rim)
	8		2	Tyre 16.9R30
		50-3100030	2	Wheel 9.5-42 (assembly with tyre) (4, 8)
	4	50-3107050	2	Wheel DW8x42 (disk and rim)
	8		2	Tyre 9.5-42
		85-3107020	2	Wheel (assembly with tyre) (4, 8)
	4	50-3107050	2	Wheel DW8x42 (disk and rim)
	8		2	Tyre 11.2R42
		50-3104010-A1	2	Hub of the rear wheel (1-3, 9, 10, 12-14)
	1	70-3104025	2	Insert
	2	50-3104015	2	Hub
	3	40-3104021	16	Bolt
5	M16	8	Nut	
6	ШШШ 16	8	Washer	
7	50-3107018-A	4	Weight (optionally)	
9	70-3104019	2	Nut special (auxiliary) nut	
10	36-3104019	14	Nut	
11	7-34-108	8	Bolt	
12	50-3104028	8	Bolt	
13	27JI	8	Washer	
14	50-3104029	8	Spherical washer	
15	50-3104016	2	Key	

* for Belarus-82.1/82Y tractors
 ** for Belarus-820/82.3/82П tractors
 *** for Belarus-82P tractors

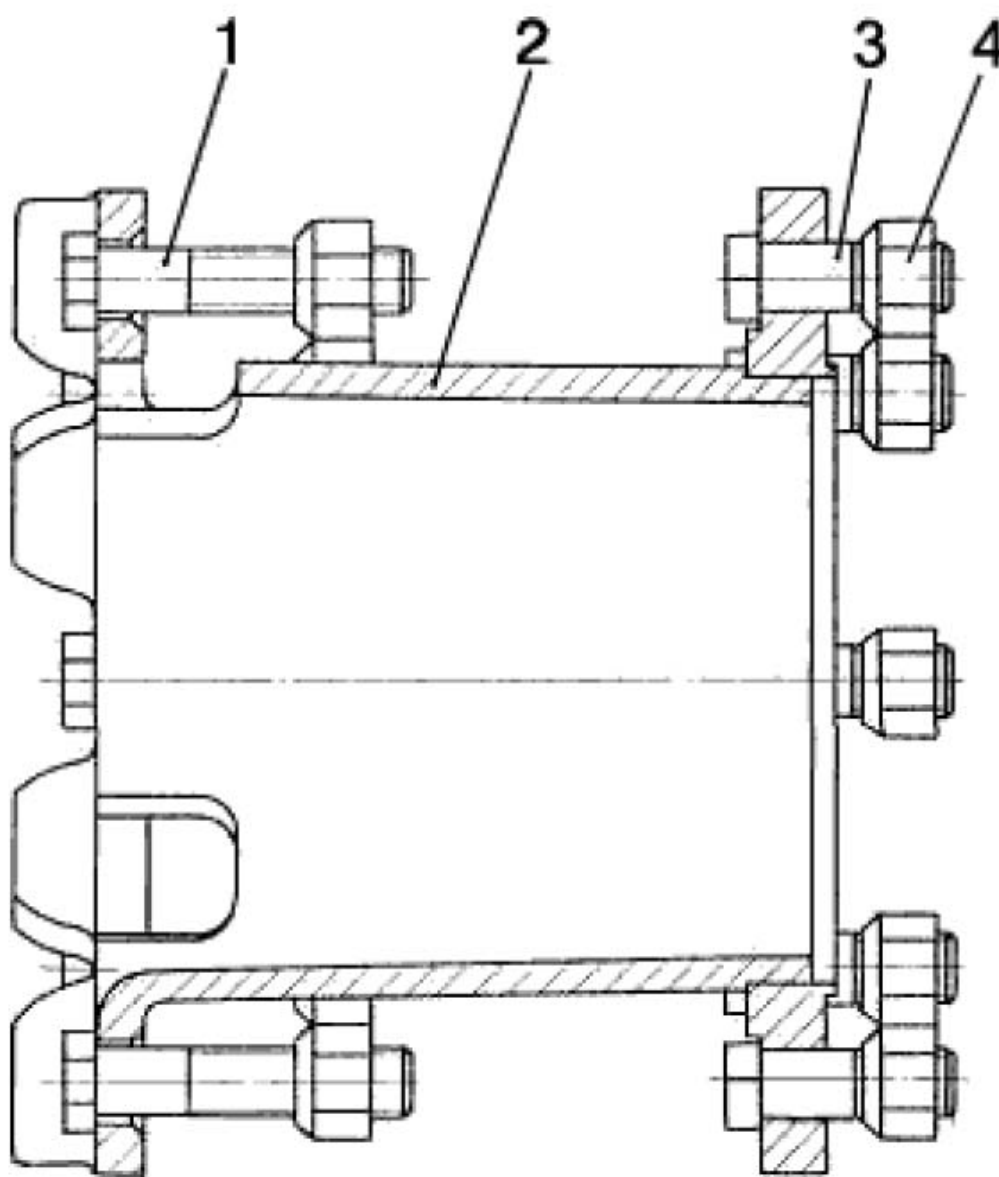


Figure 31.5. Spacer for twinning the rear wheels

Group 31. Wheels and hubs
Subgroup 3109. Spacer for twinning the rear wheels

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
31.5		70-3109030	2	Spacer (1-4) (for wheels 15.5R38; 9.5-42)
		70-3109040	2	Spacer (1-4) (for wheels 16.9R38; 16.9R30; 18.4L-30; 18.4R34)
	1	70-3109034	16	Bolt
	2	70-3109035	2	Spacer (for wheels 15.5R38; 9.5-42)
		70-3109045	2	Spacer (for wheels 16.9R38; 16.9R30; 18.4L-30; 18.4R34)
	3	40-3104021	16	Bolt
	4	36-3104019	32	Nut

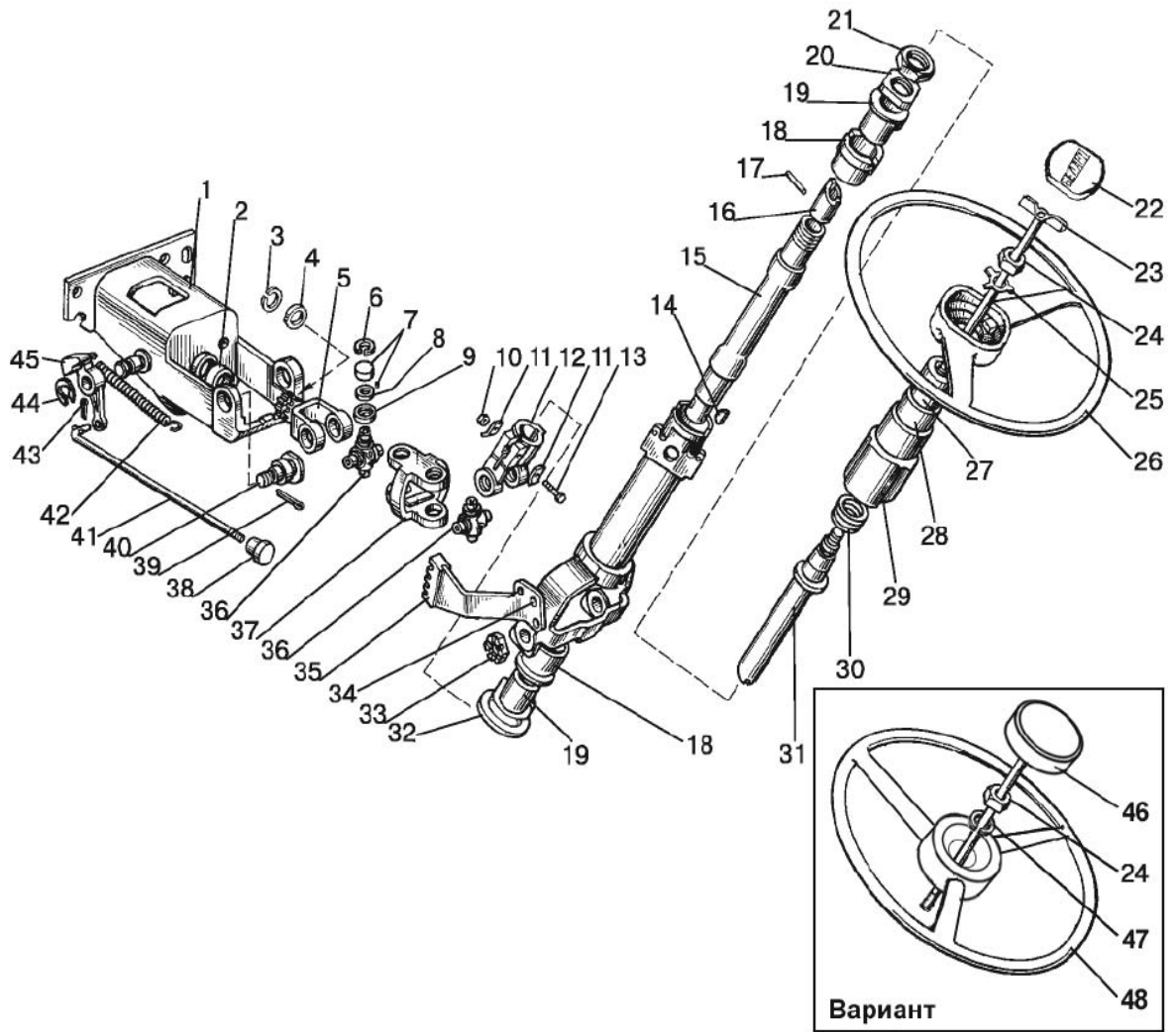


Figure 34.1. Steering column

Variant

Group 34. Steering control
Subgroup 3401. Steering column

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
34.1		85-3401010	1	Steering column (1-21, 32-37, 39, 40, 42, 44, 45)
		70-3401050-Б	1	Shaft (15-17)
		85-3401150	1	Cardan joint (5-9, 12, 36, 37)
	1	85-3401120	1	Bracket
	2	85-3401016	1	Bushing
	3	C20	1	Ring
	4	80-3401019	1	Washer
	5	85-3401156-Б	1	Fork
	6	C19	8	Ring
	7	904700YC17	8	Bearing
	8	50-3401064	8	Gland
	9	50-3401063	8	Clamp
	10	M10	1	Nut
	11	80-3401013	2	Washer
	12	50-3401061-A	1	Fork
	13	M10x45	1	Bolt
	14	5x10	1	Segment key
	15	70-3401055	1	Intermediate shaft
	16	70-3401054-Б	1	Shank
	17	IIIJK8x36	1	Pin
	18	70-3401077-Б	2	Shock-absorber
	19	70-3401076	2	Bushing
	20	70-3401078	1	Nut
	21	70-3401079	1	Locknut
	22	80-3401082	1	Cover
	23	80-3401140	1	Clamp
	24	M16x1.5	1	Nut
	25	50-3401091	1	Washer
	26	80-3402015	1	Steering wheel
	27	80-3709025	1	Bushing
	28	80-3709026-Б	1	Bushing
	29	80-3709024	1	Boot
	30	50-4608057	1	Spring
	31	85-3401175	1	Shaft
	32	600-3401012	1	Washer
	33	70-3003032	2	Nut
	34	8x28	2	Rivet
	35	600-3401160	1	Sector
	36	50-3401062	2	Cross
	37	85-3401067	1	Fork
	38	70-3709012-A	1	Handle
	39	4x25	2	Cotter pin
	40	85-3401011	2	Screw
	41	80-3401001	1	Rod
	42	50-1310158-Б	1	Spring
	43	1.6x12	1	Cotter pin
	44	C18	1	Ring
	45	85-3401014	1	Catch
46	822-3401140-A1	1	Clamp	
47	III 16	1	Washer	
48	70-3402015-A	1	Steering wheel	

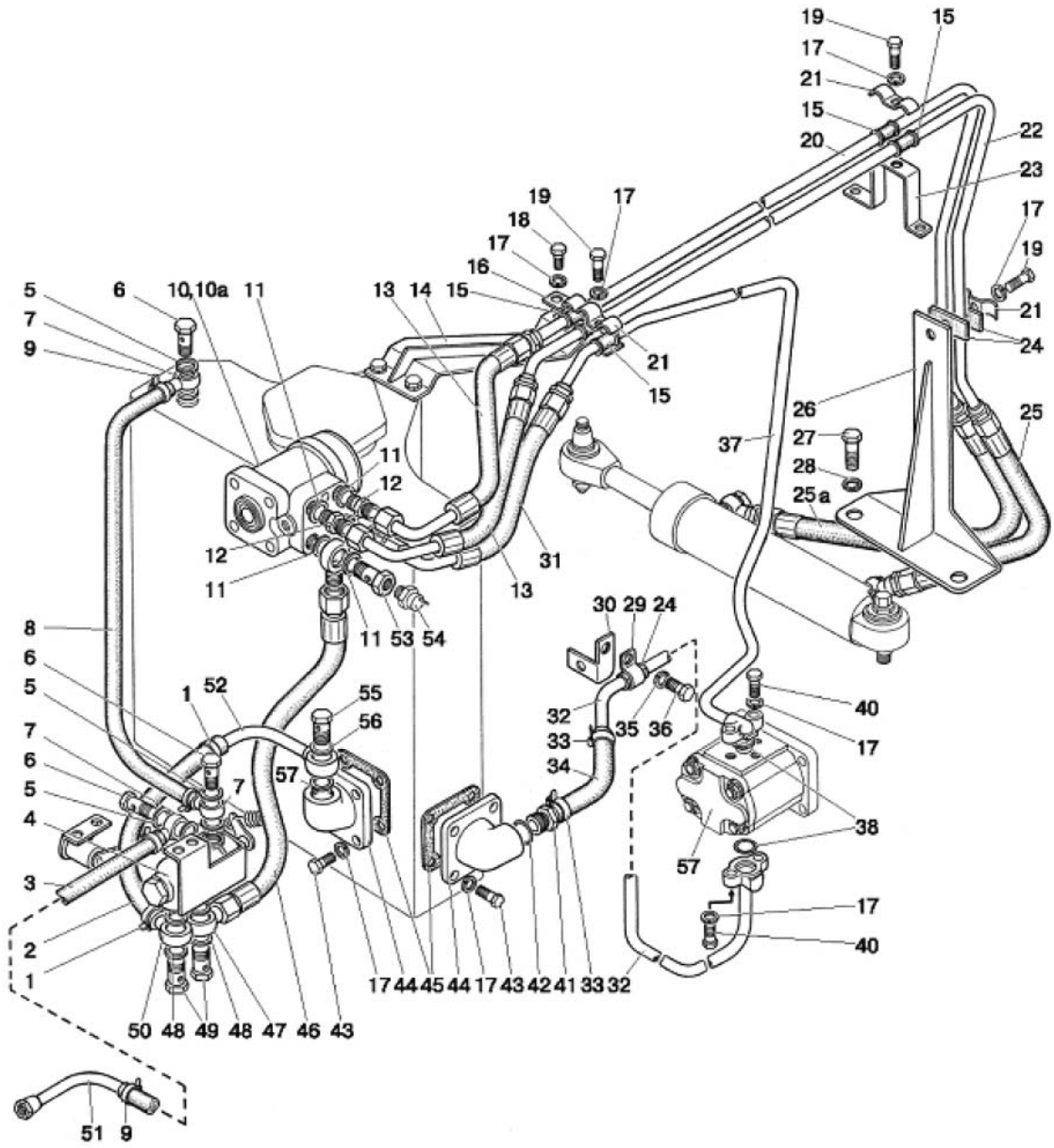


Figure 34.2. Steering fittings

Group 34. Steering control
Subgroup 3407. Steering fittings

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
34.2	1	16-25 "Norma"	2	Clamp
	2	85-3407332	1	Connecting hose
	3	1021-4802062	1	Hose pipe
	4	80-4801200-Б	1	Lock-up cock
	5	Д18-055-А-01	6	Washer
	6	Д18-051	3	Bolt
	7	Ф80-3407720	3	Oil pipeline
	8	950-480262-01	1	Hose pipe
	9	12-20 "Norma"	4	Clamp
	10	OSPC100 ON 150-1155 or SUB100-140.200-1 or LAGC100-10/200-140M01-100S or Д100-14.20-02	1	Metering pump (in case of installation of the FDA with bevel gear speed reducers)
	10a	OSPC 160 ON 150C030 or LAGC160-10/200-140M01-100S or SUB 160.140-200-1 or Д100-14.20-02	1	Metering pump (in case of installation of the FDA with planetary-cylindrical gear speed reducers and hydraulic cylinder И63)
	11	Ф80-3407157	5	Washer
	12	Ф80-3407134	3	Connecting pipe
	13	680-4607140-05	2	High-pressure hose pipe
	14	890-3407131	1	Bracket
	15	70-3506027	5	Bushing
	16	70-6804011	1	Holder
	17	ШПН 8	16	Washer
	18	M8x20	1	Bolt
	19	M8x30	5	Bolt
	20	900-3407030	1	Oil pipeline
	21	70-3407146	3	Slat
	22	900-3407040	1	Oil pipeline
	23	952-3407013	1	Bracket
	24	70-4607158	3	Gasket
	25	952-3407100	1	High-pressure hose pipe
	25a	952-3407100-04	1	High-pressure hose pipe
	26	102-3407010	1	Bracket
	27	M16x40	2	Bolt
	28	ШПН 16	2	Washer
	29	50-4607041	1	Bracket
	30	85-3407102	1	Bracket
	31	1522B-3407100-06	1	High-pressure hose pipe
	32	Ф80-3407760	1	Oil pipeline
	33	20-32 "Norma"	2	Clamp
	34	952-3407014	1	Hose pipe
	35	ШПН 10	1	Washer
	36	M10x25	1	Bolt
	37	Ф80-3407510	1	Oil pipeline
	38	017-022-30-1-4	2	Ring
	40	M8x35	2	Bolt
	41	952-3407050	1	Connecting pipe
	42	021-025-25-1-4	1	Ring
	43	M8x25	8	Bolt
44	85-3407101	2	Branch pipe	

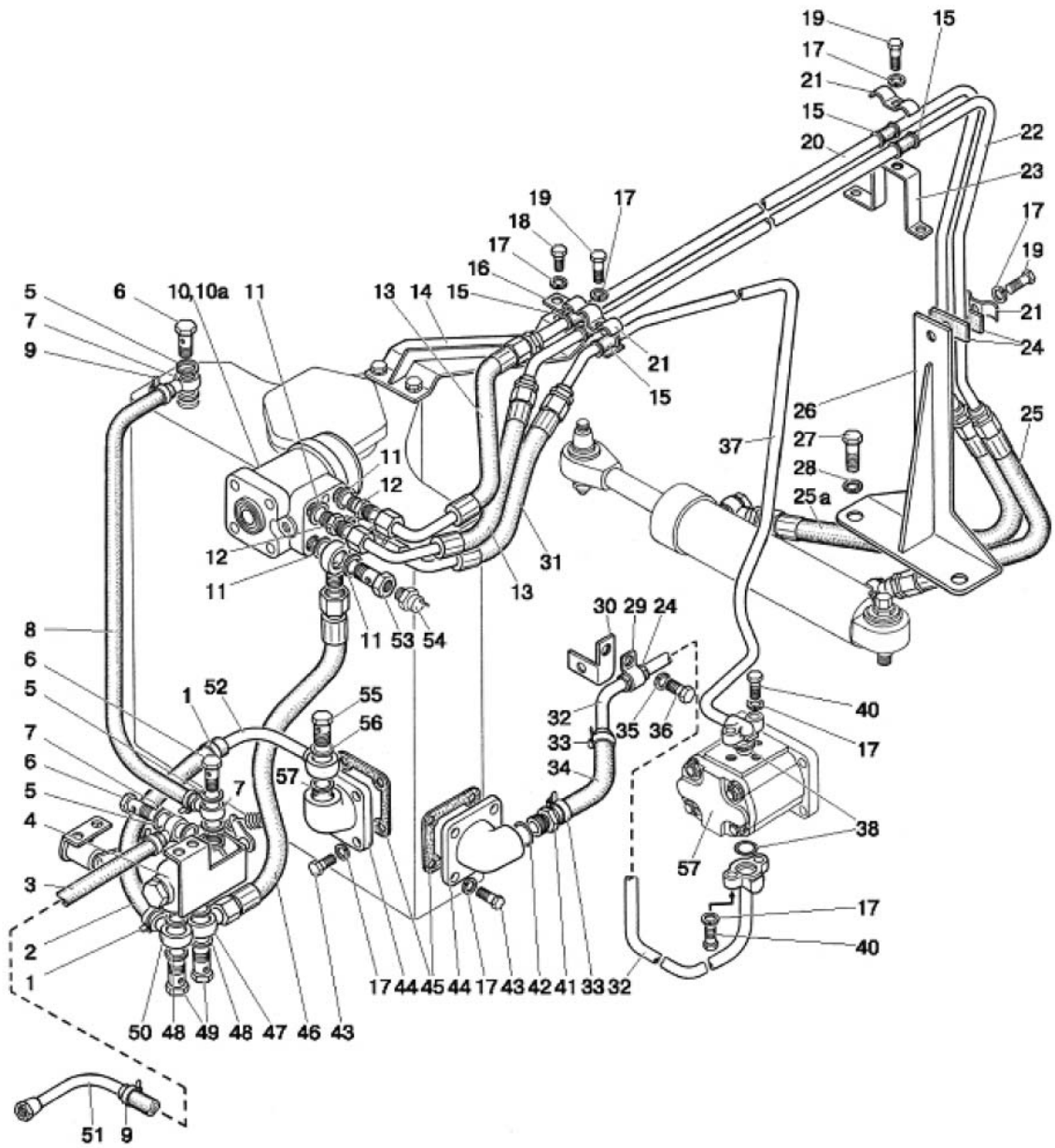


Figure 34.2. Steering fittings

Group 34. Steering control
Subgroup 3407. Steering fittings

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
34.2	45	70-4608033	2	Gasket
	46	H036.83.140	1	High-pressure hose pipe
	47	530-4614029	2	Angle piece
	48	40-4607038-A-01	4	Washer
	49	40-4607032	2	Bolt
	50	1221-3407090	1	Oil pipeline
	51	70-4802040	1	Oil pipeline
	52	600-3407080-01	1	Oil pipeline
	53	85-3407105-02	1	Bolt
	54	ДАДМ-03М	1	Sensor
	55	40-4607037	1	Bolt
	56	40-4607033-A-01	2	Washer
	57	НШ10Ж-3Л or НШ10Г-3Л	1	Gear pump

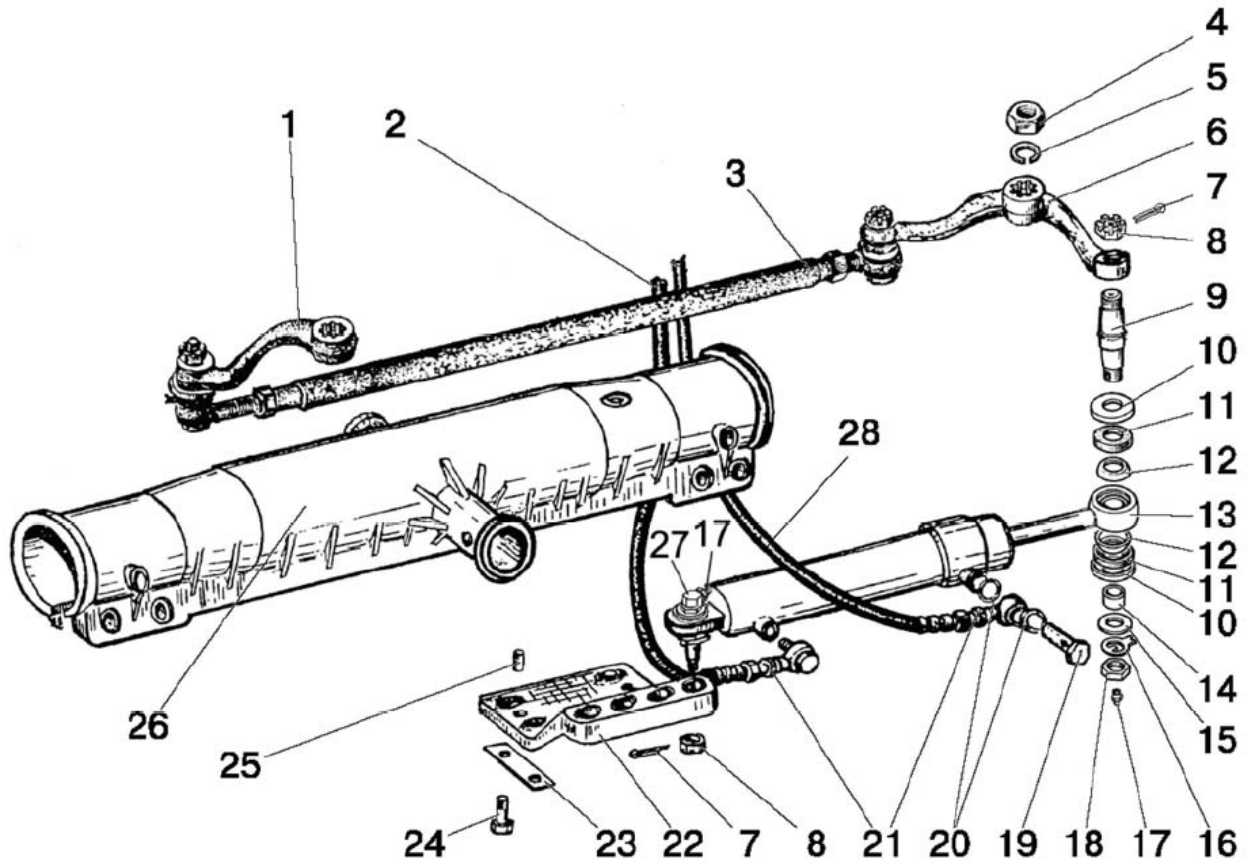


Figure 34.3. Hydraulic cylinder and fittings of the HPS (version with front axle)

Group 34. Steering control

Subgroup 3405, 3407. Hydraulic cylinder and fittings of the HPS

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
34.3	1	70-3001040	1	Right-hand lever
	2	952-3407100	1	High-pressure hose pipe
	3	1220-3003010	1	Rod assembly
	4	50-3001087	2	Nut
	5	27П	2	Washer
	6	70-3001040-01	1	Left lever
	7	4x36	2	Cotter pin
	8	M20x1.5	2	Nut
	9	Φ80-3405101Б	2	Pin
	10	Φ80-3405108	4	Seal cup
	11	Φ80-3405109	4	Joint seal
	12	Φ80-3405107	4	Spherical bushing
	13	Ц50-3405215-A	1	Hydraulic cylinder Ц50x25-200
	14	Φ80-3405102B	2	Bushing
	15	ППЧ 20	2	Washer
	16	Φ80-3405103	2	Washer
	17	1.1 Ц9xp	2	Greaser
	18	M20x1.5	2	Nut
	19	Φ80-3407201	2	Bolt
	20	Φ80-3407114	4	Washer
	21	952-3407020	2	Adapter
	22	Φ80-3001011	1	Bracket
	23	Φ80-3001013	2	Plate
	24	M16x40	4	Bolt
	25	Д01-015	2	Pin
	26	50-3001010A-01	1	Front axle
	27	Φ80-3405112	1	Reducing sleeve
	28	952-3407100-04	1	High-pressure hose pipe

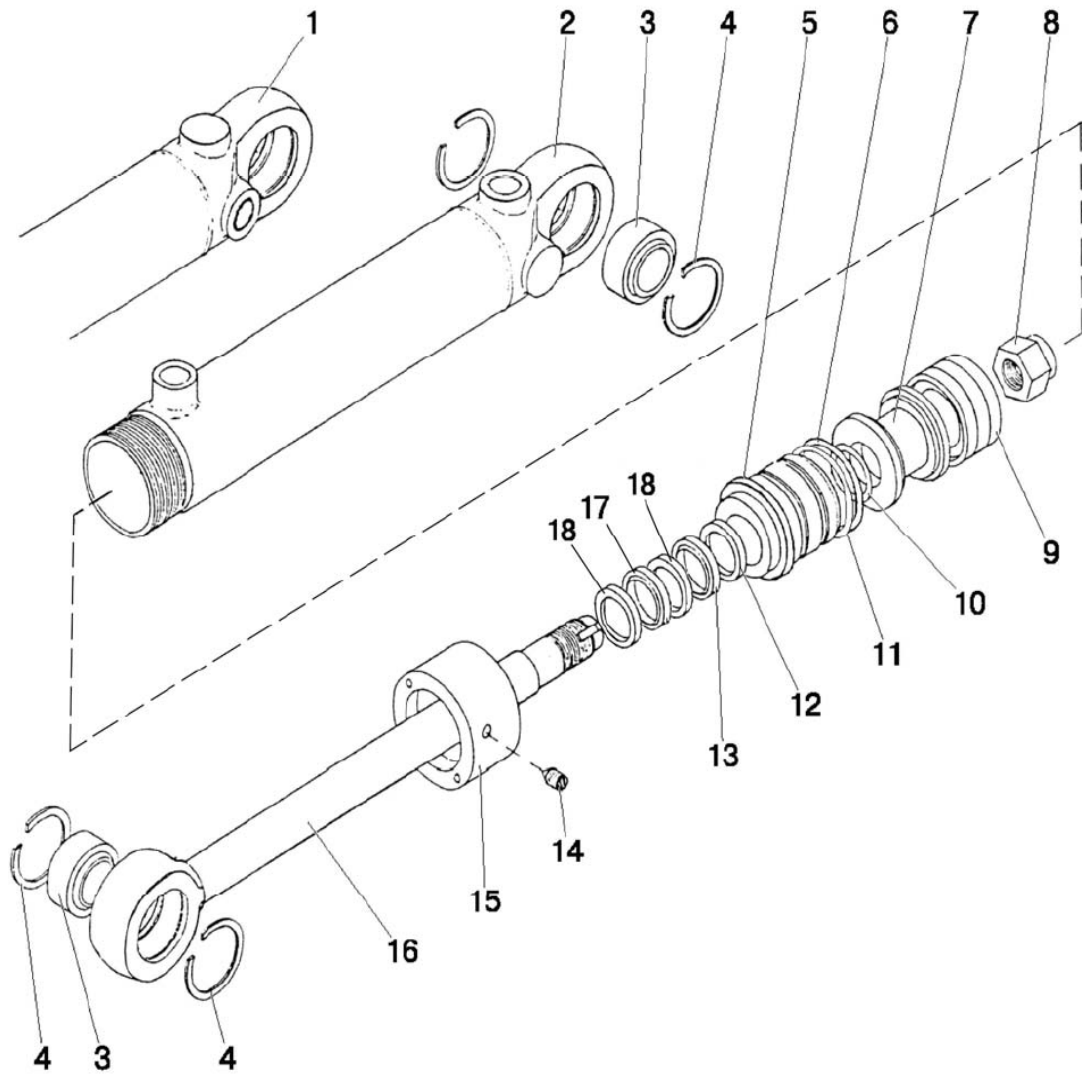


Figure 34.4. Hydraulic cylinder 50x25-200

Group 34. Steering control
Subgroup 3405. Hydraulic cylinder 50x25-200

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
34.4		И50-3405215-A*	1	Hydraulic cylinder 50x25-200 (2-18)
		И50-3405215-A-01**	1	Hydraulic cylinder 50x25-200 (1, 3-18)
	1	И50-3405220-01**	1	Cylinder body
	2	И50-3405220*	1	Cylinder body
	3	ИИС-25 or ИИСП-25	2	Bearing
	4	B42	4	Ring
	5	И50-3405218-Б	1	Front cover
	6	045-050-30-1-4	2	Ring
	7	И50-3405223-Б	1	Piston
	8	И50-3405222	1	Piston nut
	9	24251797	1	Piston seal L43 50-34-20.5
	10	025-028-19-1-4	1	Ring
	11	И50-3405228	1	Protective ring
	12	24223269	1	Rod seal T20 25-33-5.7
	13	24004792	1	Rod cuff PU6 25-33.6-6.5
	14	BM8x10	1	Screw
	15	И50-3405224	1	Sleeve nut
	16	И50-3405221-Б	1	Rod
17	24223123	1	Rod seal OMS-MR 25-32.3-3	
18	24226044	2	Rod guide SB 25-28-5,5	

* for Belarus-80.1 tractors

** for Belarus-82.1/82P tractors

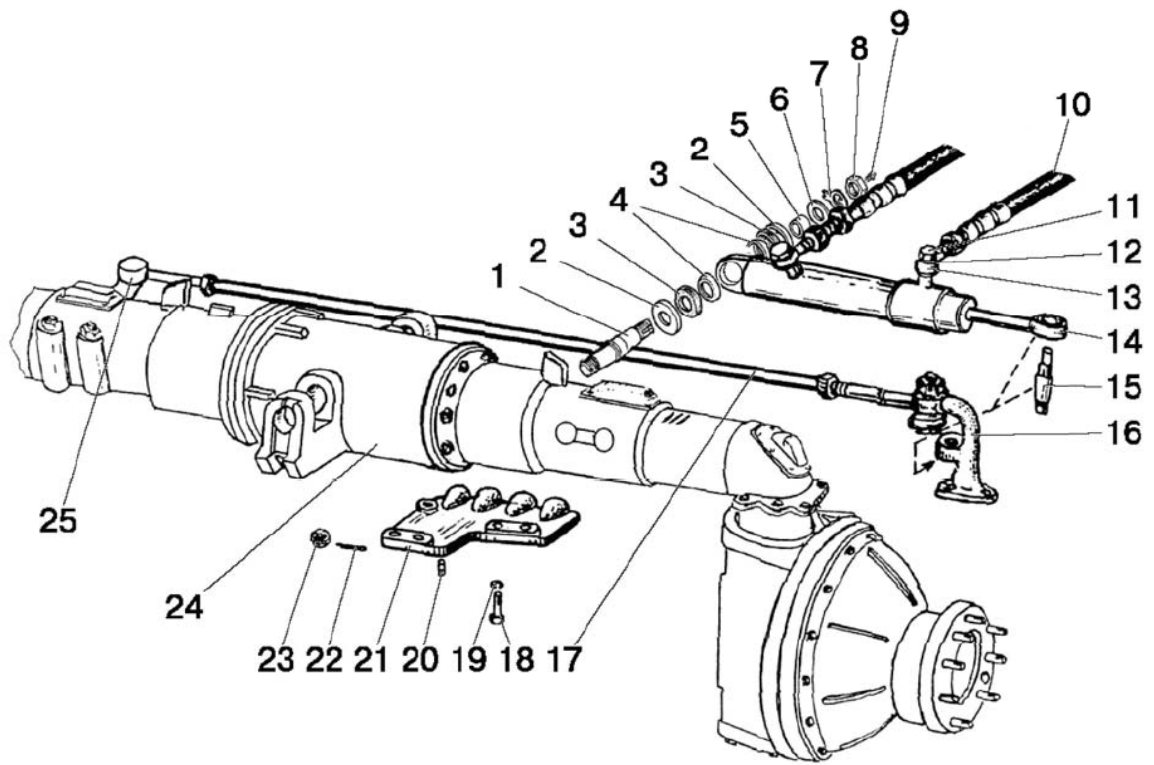


Figure 34.5. Hydraulic cylinder and fittings of the HPS (front driving axle 72-230020-A-04)

Group 34. Steering control
Subgroup 3405, 3407. Hydraulic cylinder and fittings of the HPS
(front driving axle 72-2300020-A-04)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
34.5	1	102-3405103	1	Pin
	2	Φ80-3405108	4	Sealing cup
	3	Φ80-3405109	4	Joint seal
	4	Φ80-3405107	4	Spherical bushing
	5	Φ80-3405102-B	2	Bushing
	6	ШПЧ 20	3	Washer
	7	Φ80-3405103	2	Retaining washer
	8	M20x1.5	2	Nut
	9	1.1 Ц9xp	2	Greaser
	10	952-3407100	2	High-pressure hose pipe
	11	Φ80-3407201	2	Bolt
	12	Φ80-3407114	4	Washer
	13	952-3407020	2	Adapter
	14	Ц50-3405215-A-01	1	Hydraulic cylinder 50x25-200
	15	102-3405103-Б	1	Pin
	16	72-2308075-01	1	Left-hand lever
	17	1220-3003010	1	Steering link
	18	M16x40	3	Bolt
	19	ШПЧ 16	3	Washer
	20	Д01-015	2	Pin
	21	102-2301023-01	1	Bracket
	22	4x36	2	Cotter pin
	23	70-4605316	2	Nut
	24	72-2300020-A-04	1	Front driving axle
	25	72-2308074	1	Right-hand lever

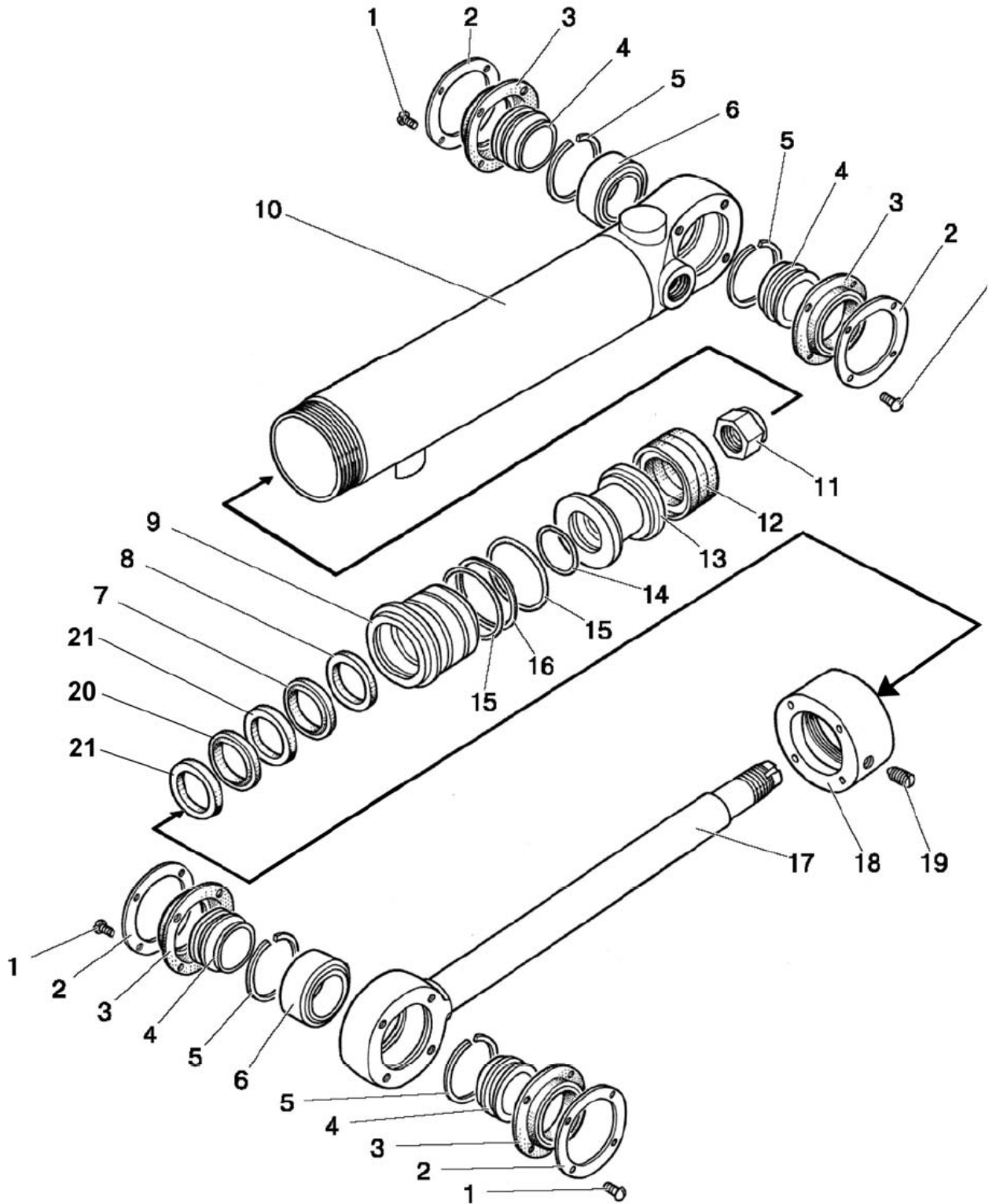


Figure 34.6. Hydraulic cylinder П-63 (63x30-200)

Group 34. Steering control
Subgroup 3405. Hydraulic cylinder П-63 (63x30-200)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
34.6		П63-3405115-A-02	1	Hydraulic cylinder assembly
	1	BM5x10	16	Screw
	2	82.6-4713337	4	Fit ring
	3	П63-3405134	4	Boot
	4	П63-3405127	4	Bushing
	5	B47	4	Ring
	6	ИИС-30	2	Bearing
	7	24004799	1	Rod cuff PU6 30-38.6-6.5
	8	24236861	1	Rod seal T20 30-38-5.7
	9	П63-3405118-Б	1	Front cover
	10	П63-3405120-02	1	Casing
	11	П50-3405222	1	Piston nut
	12	24251803	1	Piston seal L43 63-47-20.5
	13	П63-3405123	1	Piston
	14	030-034-25-1-4	1	Ring
	15	055-063-46-1-4	2	Ring
	16	П63-3405128 or 82.6-4713327	1	Protective ring
	17	П63-3405121	1	Rod
	18	П63-3405124	1	Sleeve nut
	19	AM8x10	1	Screw
	20	24223129	1	Rod seal OMS-MR 30-37.3-3
21	24226046	2	Rod guide SB 30-33-5.5	

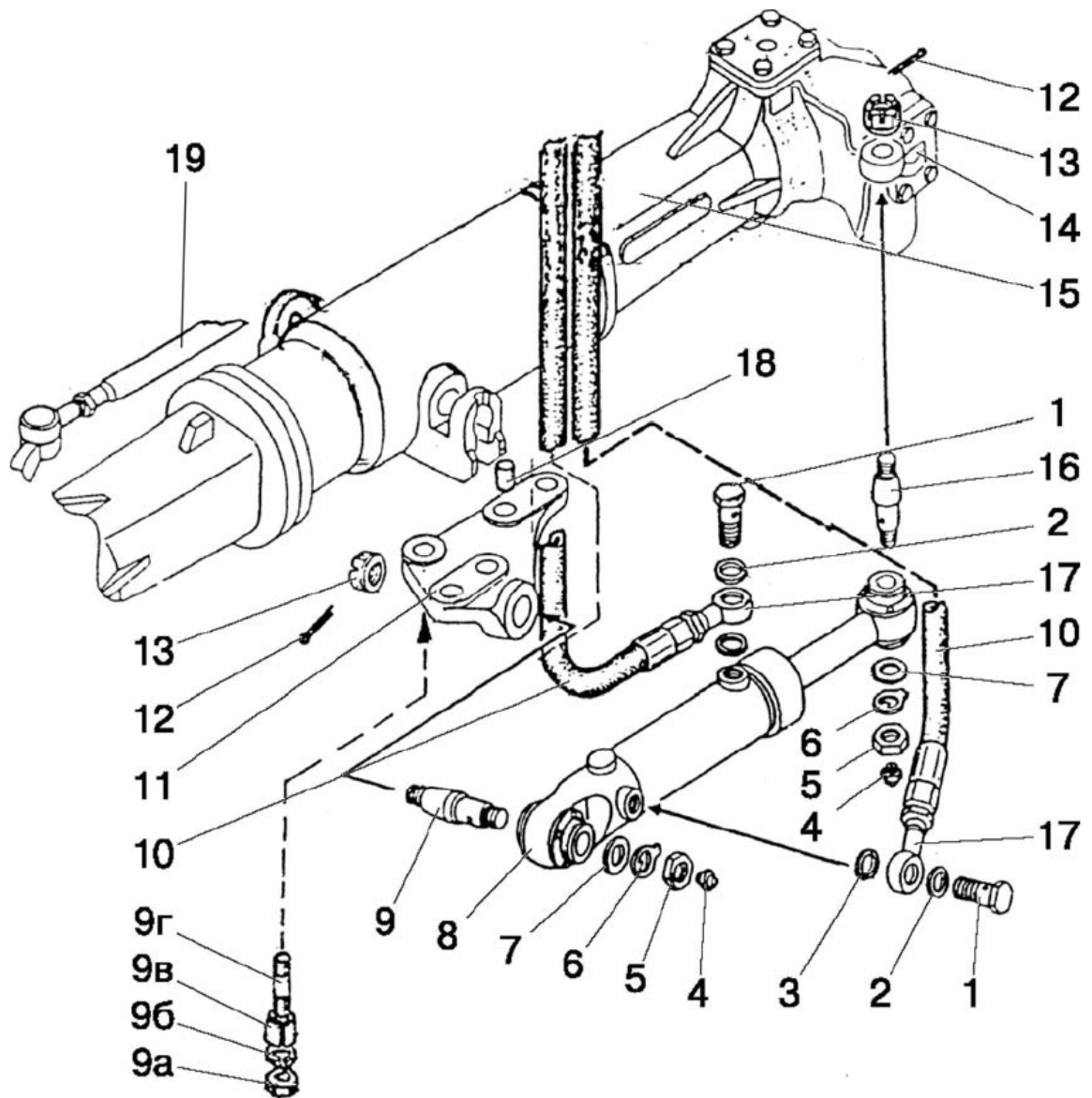
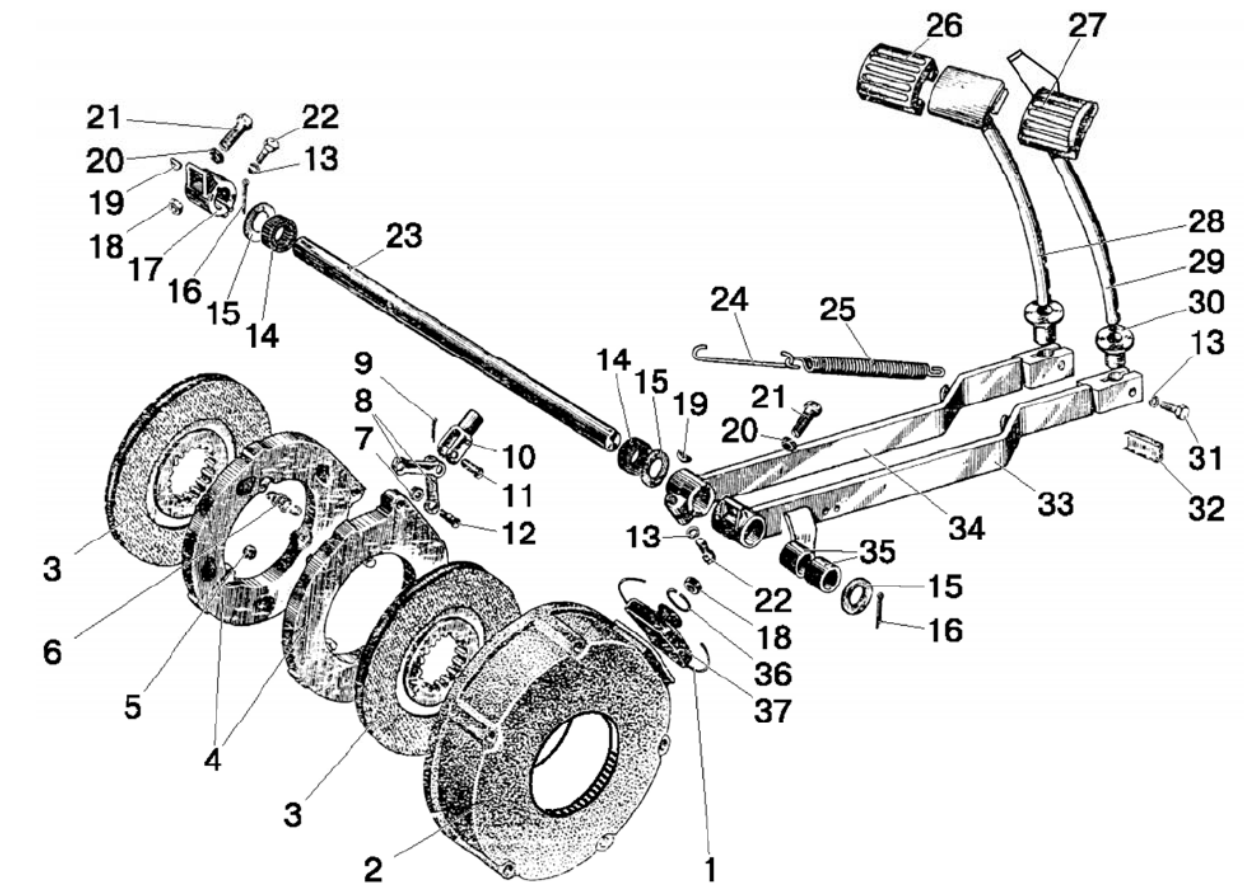


Figure 34.7 Hydraulic cylinder II-63 and fittings of the HPS (FDA 822-2300020-02 or 822-2300020-04)

Group 34. Steering control.

Subgroup 3405, 3407. Hydraulic cylinder Ц-63 and fittings of the HPS (FDA 822-2300020-04)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
34.7	1	Φ80-3407201	2	Bolt
	2,3	Φ80-3407114	4	Washer
	4	1.1.Ц9	2	Greaser
	5	M20x1.5	2	Nut
	6	Φ80-3405103	2	Retaining washer
	7	ППЧ20	2	Washer
	8	Ц63-3405115-02	1	Hydraulic cylinder
	9	102-3405111	1	Pin
	9a	M16	3	Nut
	9б	ППП16	3	Washer
	9в	1520-2308077	3	Bushing
	9г	1520-2308079	3	Pin
	10	952-3407100-04	2	High-pressure hose pipe
	11	822-2301023-Б-01	1	Cylinder bracket
	12	4x36	2	Cotter pin
	13	102-3405113	2	Pin nut
	14	1021-2308076	1	Bracket
	15	822-2300020-04	1	Front driving axle (with cylinder Ц63)
	16	102-3405112-01	1	Pin
17	952-3407020	2	Adapter	
18	Д01-015	2	Pin	
19	1220-3003010	1	Steering link	



For Belarus-80Y/82Y tractors

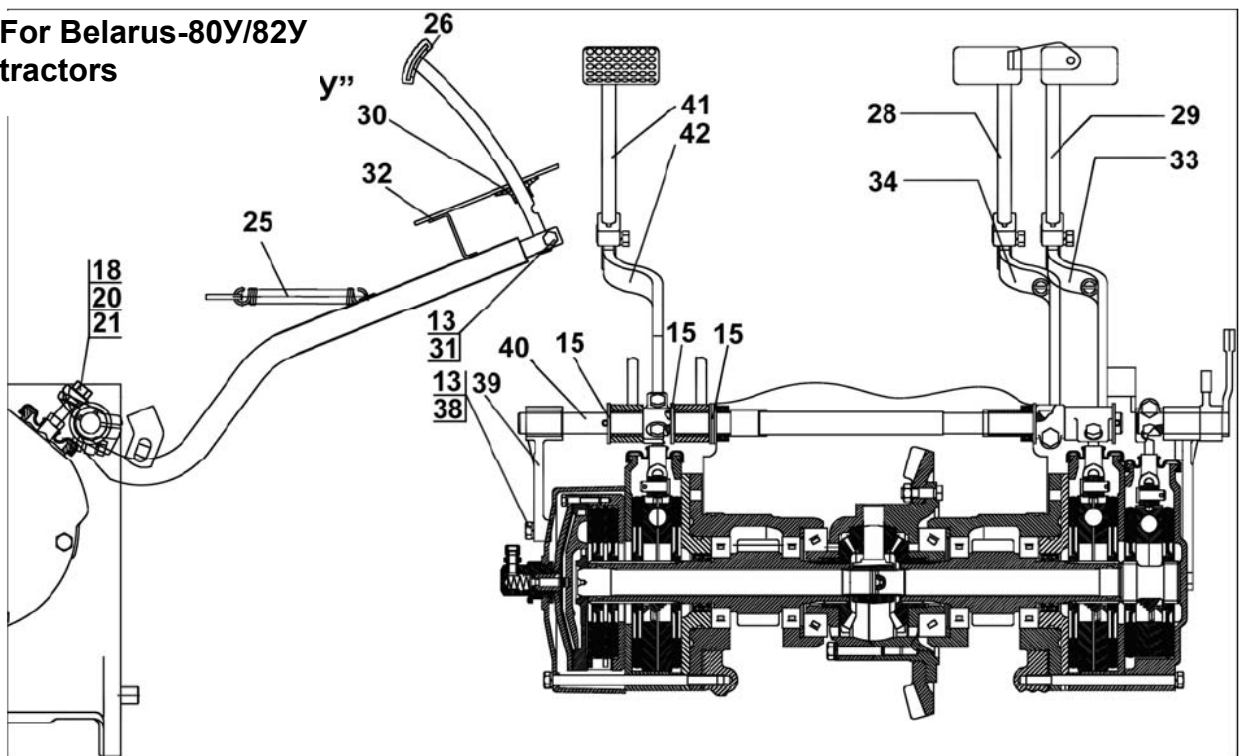


Figure 35.1. Service brakes. Brake control

Group 35. Brakes
Subgroup 3502, 3503. Service brakes. Brake control

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.1		85-3502010	2	Brake (1-12, 36, 37)
		85-3502030	2	Pressure plates (4-12)
		70-3503080	2	Brake rod (18, 20, 21)
	1	1,6-C-200	2	Wire
	2	85-3502035	2	Guard
	3	85-3502040-01 or 85-3502040-04	4	Disk
	4	85-3502036	4	Pressure plate
	5	B22,225-100	10	Ball
	6	77.38.163	6	Spring
	7	M8	4	Nut
	8	85-3502196	4	Rod
	9	3,2x18	2	Cotter pin
	10	50-3502203	2	Fork
	11	12x32	2	Pin
	12	50-3502198	4	Pin
	13	IIIИ 12	4 (7)*	Washer
	14	2.2-25 x 42-1	2	Cup
	15	50-3503071	3 (6)*	Washer
	16	5x36	2	Cotter pin
	17	70-3503017-A	1	Lever
	18	M12x1.25	2	Nut
	19	СIII-611	2	Key
	20	70-3503018	2	Washer
	21	70-3503019	2	Bolt
	22	M12x35	2	Bolt
	23	50-3503015	1	Roller
	24	70-3503045	2	Extender
	25	50-1605152	2 (3)*	Spring
	26	A13.34.001	1 (2)*	Pad
	27	A13.33.002	1	Pad
	28	80-3503140	1	Left-hand pedal
	29	80-3503130	1	Right-hand pedal
	30	80-3503158-A	2 (3)*	Seal
	31	M12x30	2 (3)*	Bolt
	32	80-6702307	1	Stop
	33	80-3503110	1	Lever
	34	80-3503120	1	Lever
	35	50-3503064	2	Bushing
	36	36-1702358**	2	Spring ring
	37	50-3502202	2	Boot
	38	1522-2409034	2	Bolt
	39	822-3507070	1	Bracket
40	80Y-3503015	1	Roller	
41	80Y-3503160	1	Pedal	
42	80Y-3503150	1	Lever	

* for Belarus-80Y/82Y tractors

** optionally

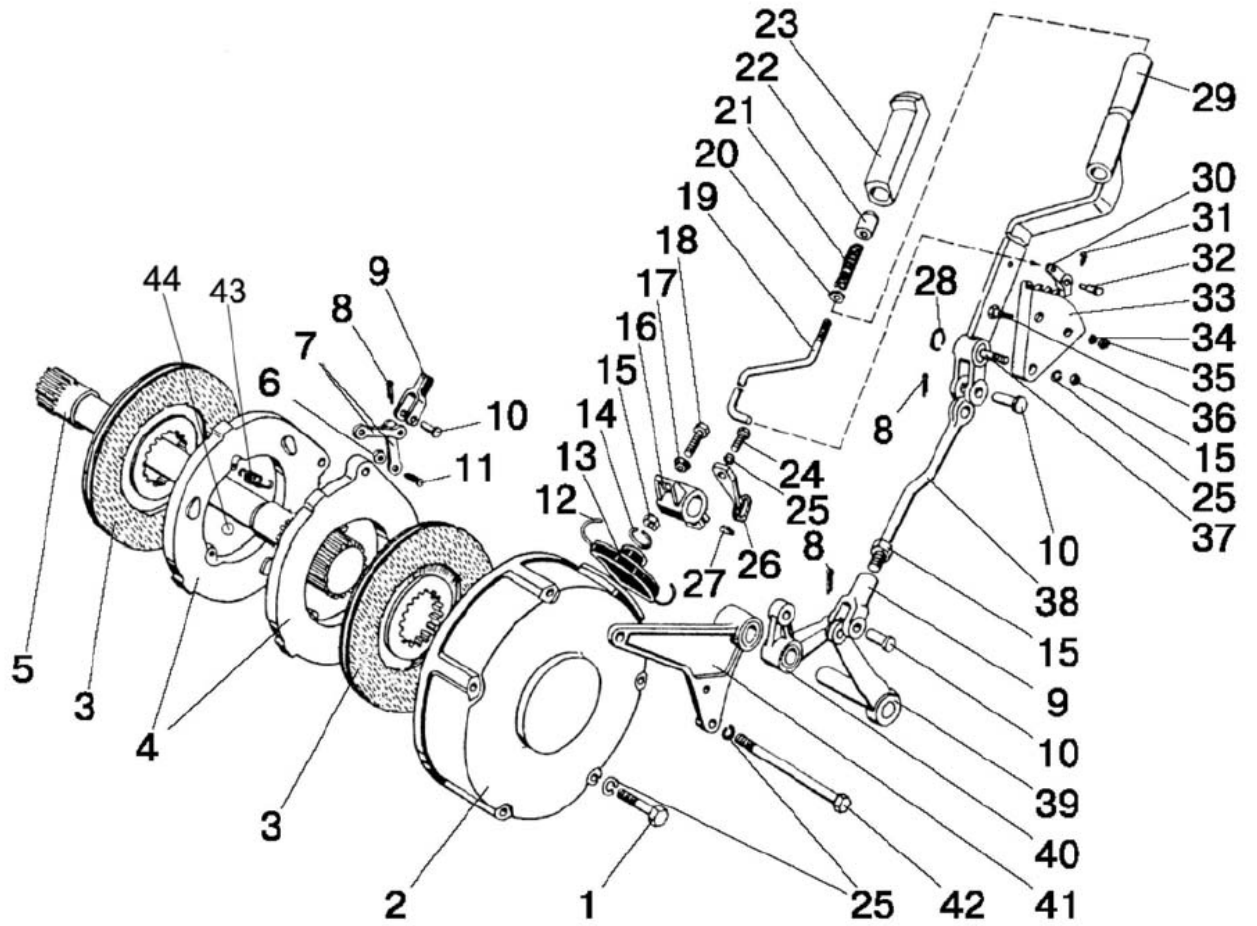


Figure 35.2. Parking brake. Parking brake control

Group 35. Brakes

Subgroup 3507. Parking brake. Parking brake control

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
		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 rod (15, 17, 18)
		85-3507120-01	1	Lever (19-23, 29-32)
		900-3507140	1	Rod (9, 15, 38)
		85-3507150-02	1	Bracket (16, 24-27, 39-41)
	1	M12x180	3	Bolt
	2	50-3502035	1	Shroud
	3	70-3502040-01 or 70-3502040-04	2	Disk
	4	50-3502036-Б	2	Pressure plate
	5	70-3504055	1	Shaft
	6	M8	2	Nut
	7	50-3502196	2	Rod
	8	3.2x18	3	Cotter pin
	9	50-3502203	2	Fork
	10	12x32	3	Pin
	11	50-3502198	2	Pin
	12	1.6-O-C	1	Wire
	13	50-3502202	1	Boot
	14	36-1702358*	1	Spring ring
	15	M12x1.25	3	Nut
	16	70-3503017-A	1	Lever
	17	70-3503018	1	Washer
	18	70-3503019	1	Bolt
	19	70-3507122-01	1	Rod
	20	ШПЧ 5	1	Washer
	21	55-17-27	1	Spring
	22	A13.19.002	1	Button
	23	A13.19.001-A	1	Handle
	24	M12x40	1	Bolt
	25	ШПН 12	2	Washer
	26	70-3514107	1	Lever
	27	СШ-611	1	Key
	28	C15	1	Ring
	29	85-3507130-01	1	Lever
	30	50-1606026	1	Latch
	31	2x12	1	Cotter pin
	32	70-3507024	1	Axle
	33	70-3507021 -Б	1	Sector
	34	ШПН 10	2	Washer
	35	M10	2	Nut
	36	M10x35	2	Bolt
	37	70-3507132-Б-01	1	Axle
	38	900-3507141	1	Rod
	39	85-3507060	1	Lever
	40	80-4216050	1	Hub
	41	70-3507070	1	Bracket
	42	M12x200	2	Bolt
	43	77.38.163	3	Spring
	44	22,225-100	3	Ball

* optionally

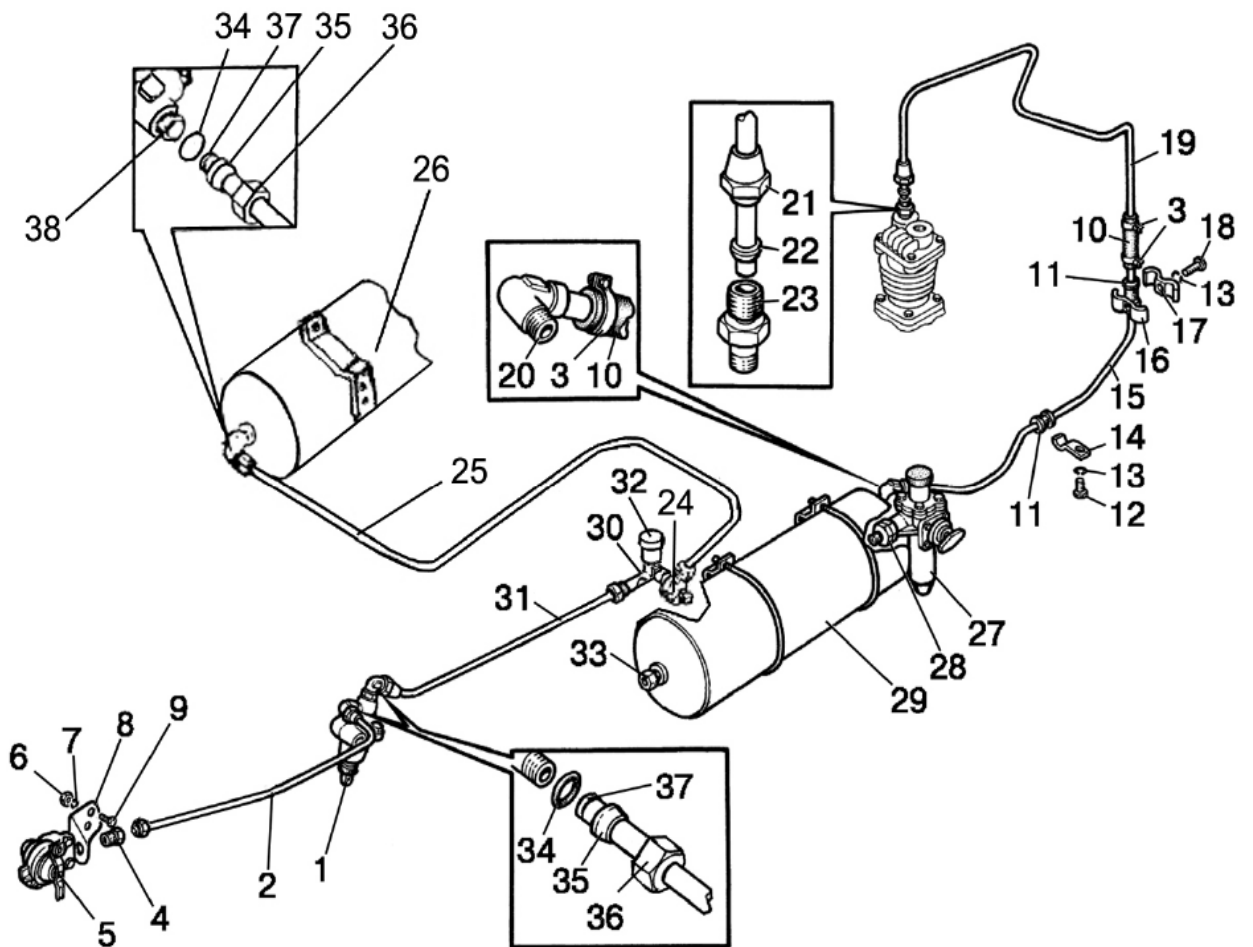


Figure 35.3. Pipelines and fittings of the single-line pneumatic actuator of the trailer brakes

Group 35. Brakes.

Subgroup 3506. Pipelines and fittings of the single-line pneumatic actuator of the trailer brakes

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
35.3		80-3506005	1	Pneumatic actuator	
		80-3506455	1	Pipeline (31, 35-37)	
		1021-3506020-01	1	Pipeline (2, 35-37)	
		80-3506220	1	Pipeline (21, 22, 19)	
	1		80-3514010	1	Brake valve
			A29.3514010*	1	Brake valve
	2		70-3506471	1	Pipeline
	3		XC-21	8	Clamp
	4		70-3521035	1	Connecting pipe
	5		80-3521010	1	Connecting head
			A29.76.000*	1	Connecting head
	6		M10	2	Nut
	7		ШП 10	2	Washer
	8		70-3521012	1	Bracket
	9		M10x25	2	Bolt
	10		70-1405013	4	Hose pipe
	11		70-3506027	3	Bushing
	12		M8x16	2	Bolt
	13		ШП 8	2	Washer
	14		70-6804011	1	Holder
	15		80X-3506031	1	Pipeline
	16		70-3407144	1	Slat
	17		70-3407146	1	Slat
	18		M8x30	1	Bolt
	19		80-3506221	1	Pipeline
	20		70-3513015	1	Angle piece
	21		70-3506023	3	Sleeve nut
	22		80-3506024	1	Manguito
	23		70-3506022	1	Connecting pipe
	24		80-3513050**	1	T-branch
	25		953-3506021**	1	Tube
	26		50-3513015-A**	1	Bottle
	27		80-3512010	1	Pressure regulator
			A29.51.000Б*	1	Pressure regulator
	28		80-3512006	1	Locknut
	29		80-3513010	1	Bottle
	30		80-3513025	1	T-branch
	31		80-3506454	1	Tube
32		ДД10-01-Е	1	Air pressure sensor	
33		ДАДВ	1	Emergency air pressure sensor	
34		012-015-19-2-4	4 (6)**	Ring	
35		1522-3506024	4 (6)**	Coupling	
36		1522-3506023	4 (6)**	Sleeve nut	
37		1522-3506022	4 (6)**	Nipple	
38		1522-3514033**	1	Angle piece	

* variant

** for tractors with two bottles (optionally)

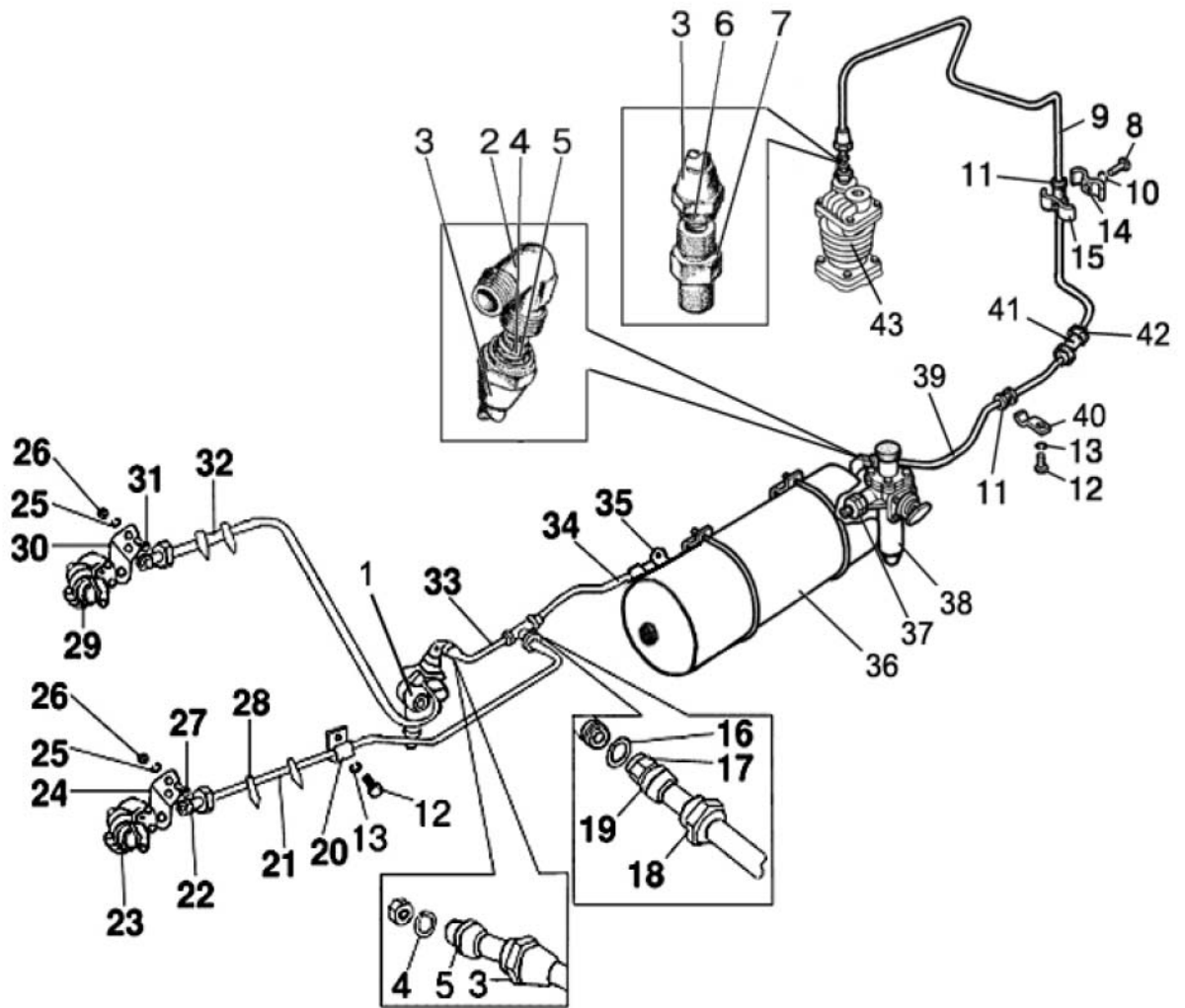


Figure 35.4. Pipelines and fittings of the two-line pneumatic actuator of the trailer brakes

Group 35. Brakes

Subgroup 3506. Pipelines and fittings of the two-line pneumatic actuator of the trailer brakes

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
		1025M-3506505-09	1	Pneumatic actuator
		1025-3506560-01	1	Pipeline (13, 17-19)
		1021-3506020	1	Pipeline (17-19, 34)
1		80-3514010-02	1	Brake valve
		A29.351.4010-02*	1	Brake valve
2		70-3513015	1	Angle piece
3		70-1405013	4	Hose pipe
4		70-3521035	1	Connecting pipe
5		70-3506023	2	Sleeve nut
6		80-3506024	1	Coupling
7		70-3506022	1	Connecting pipe
8		M8x30	1	Bolt
9		80-3506221	1	Pipeline
10		70-1405013	4	Hose pipe
11		70-3506027	2	Bushing
12		M8x16	3	Bolt
13		IIIИ 8	3	Washer
14		70-3407146	1	Slat
15		70-3407144	1	Slat
16		012-015-019-2-4	6	Ring
17		1522-3506022	6	Nipple
18		1522-3506024	6	Coupling
19		1522-3506023	6	Sleeve nut
20		70-4802-046	1	Clamp
21		1025-3506561-01	1	Tube
22		1522-4521513	2	Connecting pipe
23		64226-3521110	1	Connecting head
24		1025-3521511	1	Bracket
25		IIIИ 10	4	Washer
26		M10	4	Nut
27		M10x25	1	Bolt
28		80-3723045-01	4	Cup
29		64226-3521111	1	Connecting head
30		1025-3521512	1	Bracket
31		BM8x25	1	Screw
32		1025-3506561-01	1	Tube
33		1025-3506550	1	Pipeline
34		1025-3506561	1	Tube
35		80-3513025	1	T-branch
36		80-3513010	1	Bottle
37		80-3512006	1	Locknut
38		80-3512010	1	Pressure regulator
		A29.51.000Б*	1	Pressure regulator
39		80X-3506041	1	Pipeline
40		70-6804011	1	Holder
41		70-1405013	4	Hose pipe
42		XC-21	4	Clamp
		16-25/9-C6W "Norma"*	4	Clamp
43		A29.01.000	1	Compressor
		A29.05.000-B	1	Compressor

* variant

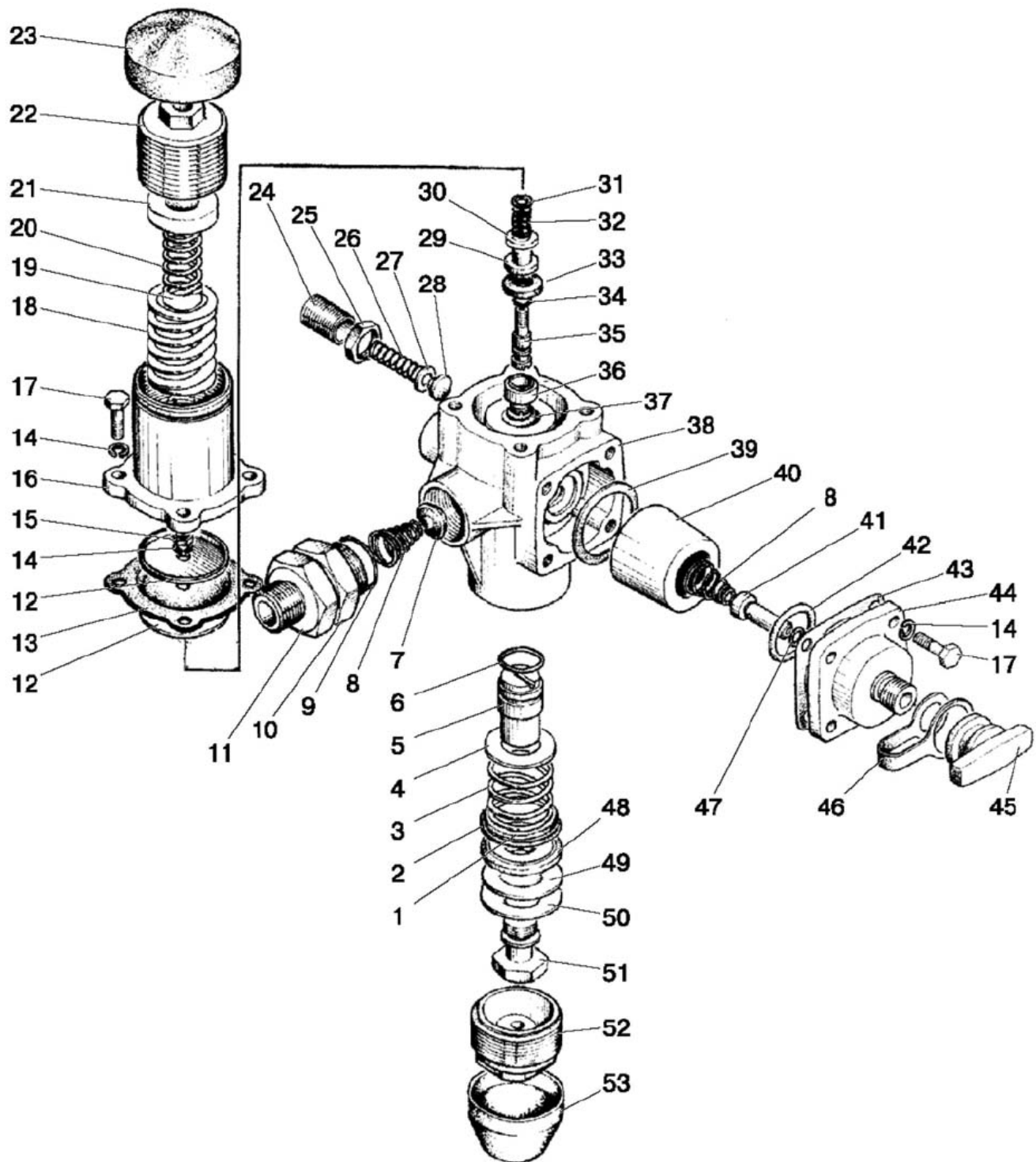


Figure 35.5. Pressure regulator

Group 35. Brakes
Subgroup 3512. Pressure regulator

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.5		80-3512010	1	Pressure regulator (1-10, 12-53)
		80-3512020	1	Valve (3-6, 48-51)
		80-3512030	1	Diaphragm (12-15, 29-35)
	1	80-3512113	1	Gasket
	2	036-040-25-2-3	1	Ring
	3	80-3512026	1	Spring
	4	80-3512027	1	Washer
	5	80-3512028	1	Piston
	6	016-020-25-1-3	1	Ring
	7	80-3512110	1	Valve
	8	80-3512131	2	Spring
	9	024-028-25-2-3	1	Ring
	10	80-3512111	1	Connecting pipe
	11	80-3512006	1	Locknut
	12	80-3512032	2	Washer
	13	80-3512141	2	Diaphragm
	14	IIIИ 6	9	Washer
	15	M6	1	Nut
	16	80-3512106	1	Casing
	17	M6x20	8	Bolt
	18	80-3512104	1	Spring
	19	80-3512109	1	Cap
	20	80-3512105	1	Spring
	21	80-3512109-01	1	Cap
	22	80-3512107	1	Cover
	23	80-3512108	1	Hood
	24	80-3512134	1	Screw
	25	80-3512115	1	Nut
	26	80-3512116	1	Spring
	27	80-3512129	1	Washer
	28	80-3512130	1	Valve
	29	80-3512036	1	Bushing
	30	80-3512143	1	Washer
	31	80-3512142	1	Gasket
	32	80-3512034	1	Spring
	33	80-3512037	1	Valve
	34	007-010-19-1-3	1	Ring
	35	80-3512038	1	Sliding valve
	36	80-3512103	1	Seat
	37	80-3512133	1	Gasket
	38	80-3512040	1	Casing
	39	80-3512127	1	Gasket
	40	80-3512119	1	Filter
	41	80-3512122	1	Pusher
	42	024-030-36-2-3	1	Ring
	43	80-3512125	1	Gasket
	44	80-3512123	1	Cover
	45	105.069.05.005	1	Nut
	46	105.069.05.006	1	Band
47	006-010-25-2-3	1	Ring	
48	80-3512029	1	Seat	
49	80-3512025	1	Valve	

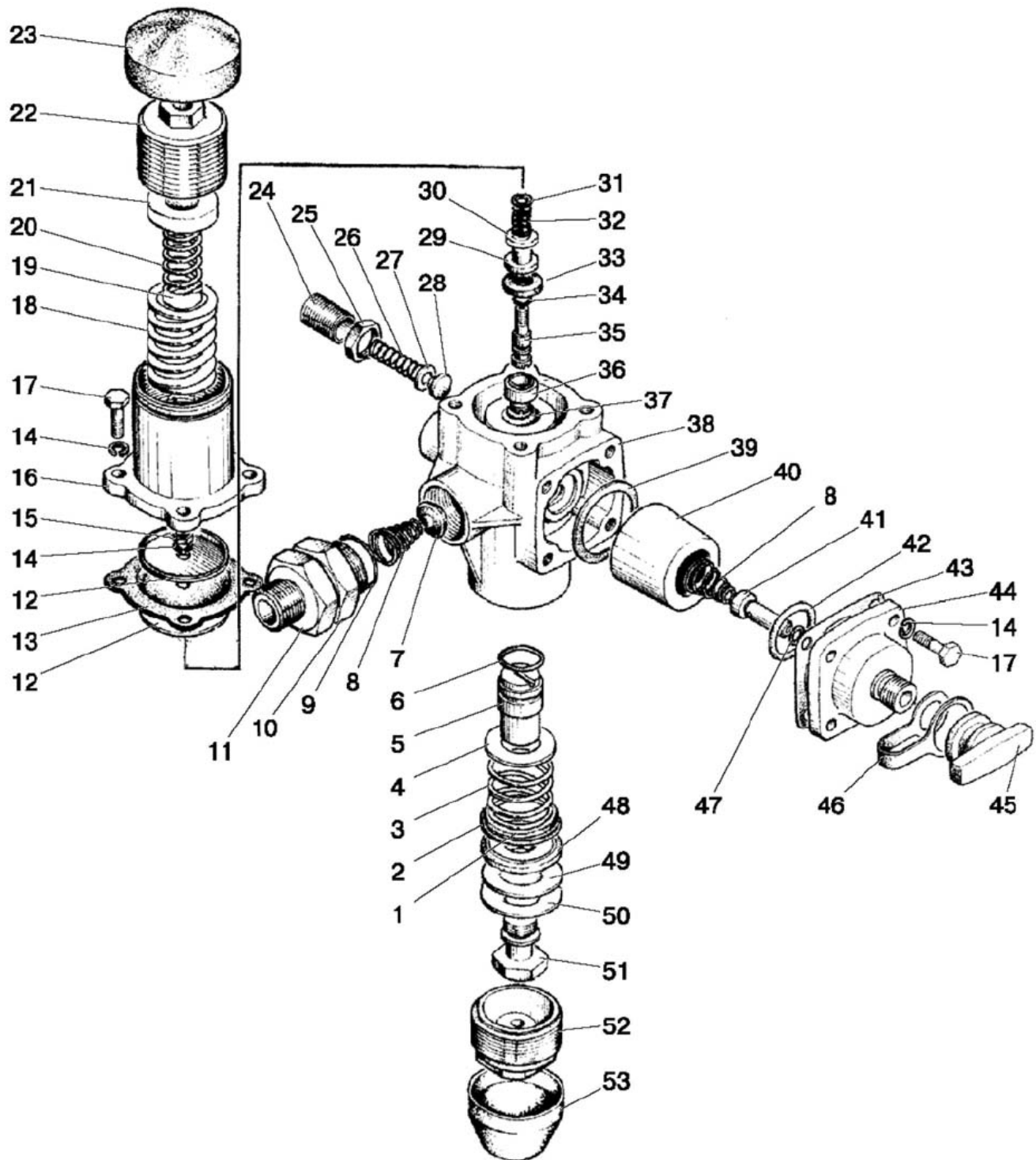


Figure 35.5. Pressure regulator

Group 35. Brakes
Subgroup 3512. Pressure regulator

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.5	50	80-3512021	1	Washer
	51	80-3512024	1	Bar
	52	80-3512102	1	Cover
	53	80-3512101	1	Nozzle

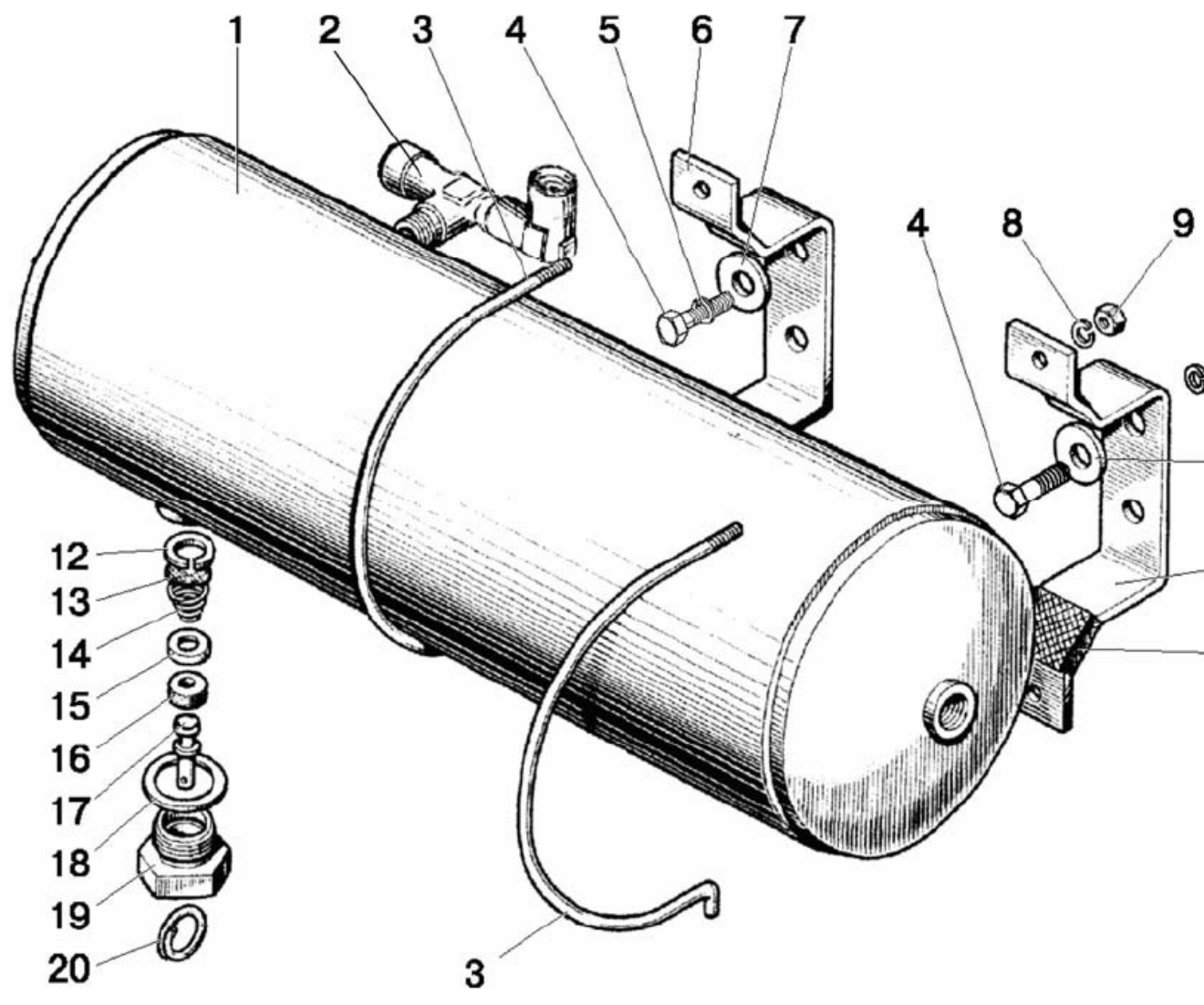


Figure 35.6. Bottle

Group 35. Brakes
Subgroup 3513. Bottle

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.6		85-3513110	1	Valve (13-18, 20)
	1	85-3513010	1	Bottle
	2	80-3513025	1	T-branch
	3	B50-3513032	2	Clamp
	4	M16x32	4	Bolt
	5	ШШ 16	4	Washer
	6	B50-3513025-A	2	Bracket
	7	ШШ 16	2	Washer
	8	ШШ 6	2	Washer
	9	M6	2	Nut
	10	M16	2	Nut
	11	ПП-43-01	4	Profile YM6a
	12	85-3513128	1	Ring
	13	85-3513117	1	Filter
	14	85-3513126	1	Spring
	15	85-1313127	1	Plate
	16	85-3513113	1	Valve
	17	85-3513124	1	Pusher
	18	B50-3522023	1	Gasket
	19	85-3513120	1	Casing
20	H50-4202146	1	Ring	

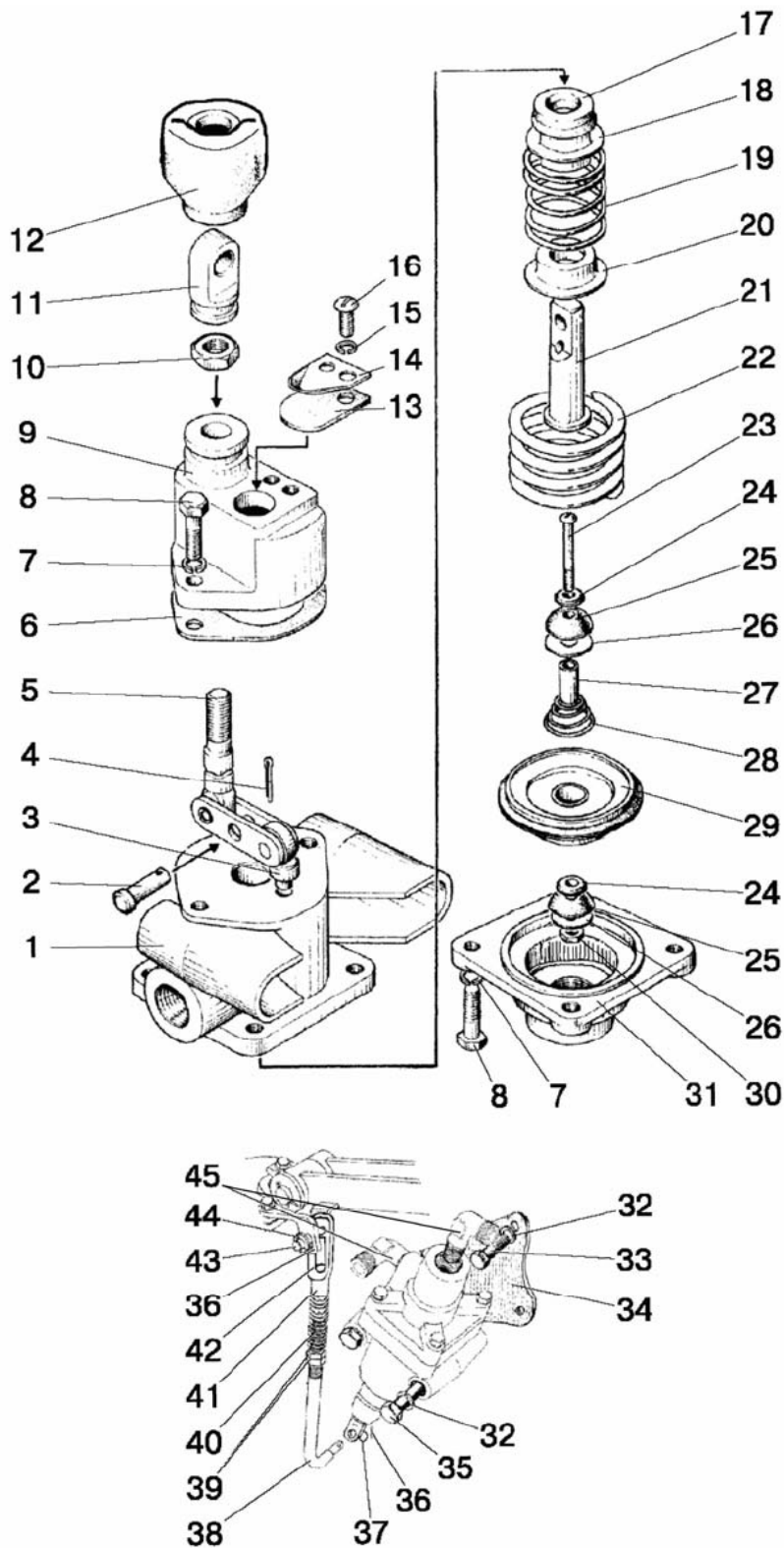


Figure 35.7. Brake valve (for single-line pneumatic actuator)

Group 35. Brakes

Subgroup 3514. Brake valve (for single-line pneumatic actuator)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.7		80-3514010	1	Brake valve (1-31)
		80-3514020	1	Diaphragm (23-30)
		80-3514130	1	Rod (38-42)
	1	80-3514061	1	Casing
	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	ШП 6	6	Washer
	8	M6x20	6	Bolt
	9	80-3514084	1	Cover
	10	80-3514086	1	Locknut
	11	80-3514017	1	Lug
	12	ШКЯМ 251.00.016	1	Boot
	13	80-3514019	1	Valve
	14	80-3514018	1	Plate
	15	ШП 4	2	Washer
	16	BM4x12	2	Screw
	17	80-3514062	1	Cup
	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	80-3514025	2	Washer
	25	80-3514028	2	Valve
	26	80-3514027	2	Washer
	27	80-3514022	1	Tube
	28	80-3514024	1	Spring
	29	80-3514040	1	Diaphragm
	30	M4	1	Nut
	31	80-3514083	1	Cover
	32	ШП 10	4	Washer
	33	M10x40	2	Bolt
	34	80-3514109	1	Bracket
	35	M10x70	2	Bolt
	36	3.2x18	2	Cotter pin
	37	ШЧ 8	1	Washer
	38	80-3514131	1	Rod
	39	M12x1.25	2	Nut
	40	ДСШ-14.21.141	1	Spring
	41	80-3514132	1	Head
	42	80-3514133	1	Nut
43	12x40	1	Pin	
44	ШЧ 12	2	Washer	
45	1522-3514033	2	Angle piece	

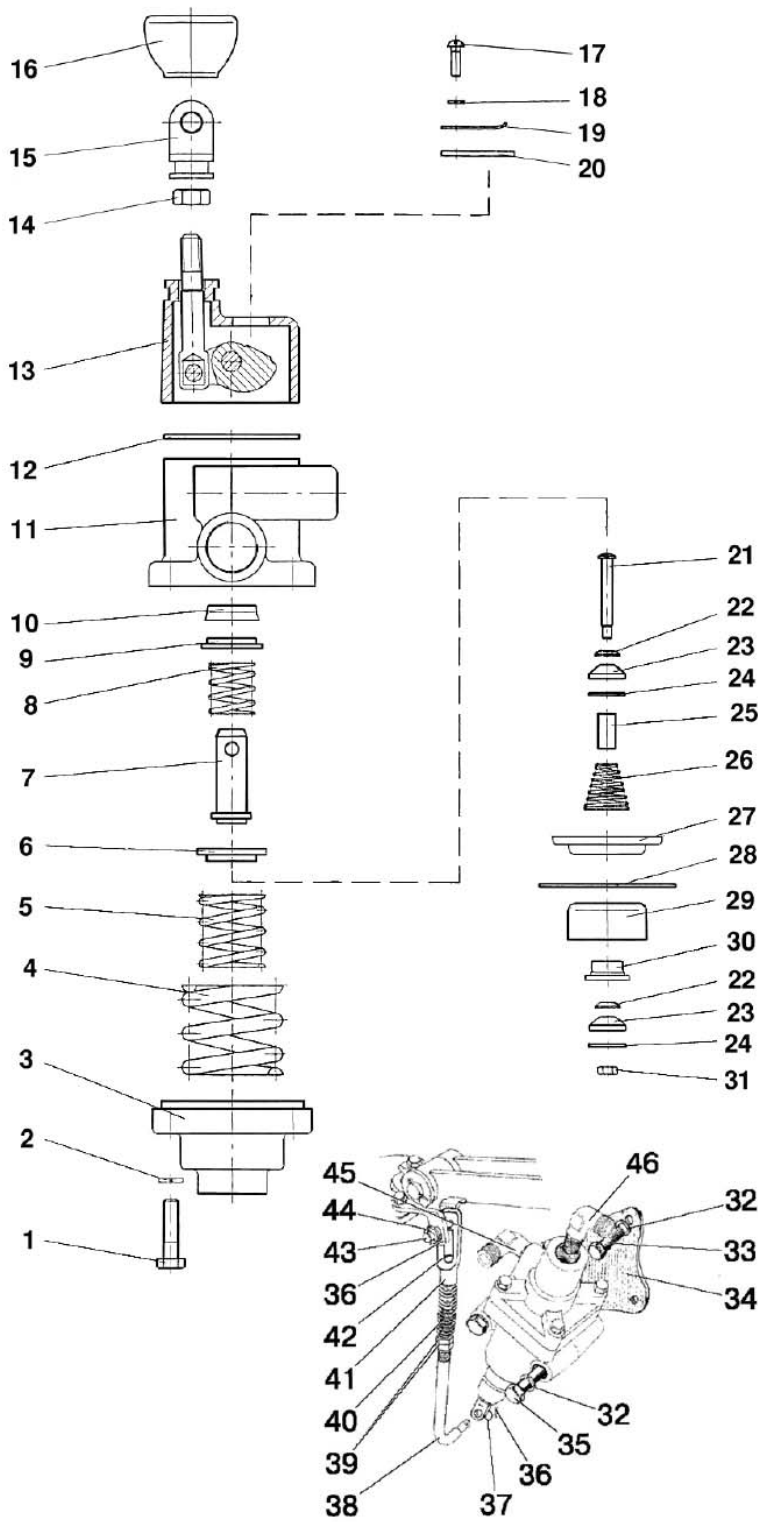


Figure 35.7. Brake valve (for two-line pneumatic actuator)

Group 35. Brakes

Subgroup 3514. Brake valve (for two-line pneumatic actuator)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.8		80-3514010-02	1	Brake valve
		A29.351.4010-02*	1	Brake valve
		80-3514020	1	Diaphragm (27-30)
		80-3514020-02	1	Diaphragm (21-31)
	1	M6x25	6	Bolt
	2	ШП 6	6	Washer
	3	80-3514083	1	Cover
	4	80-3514012	1	Spring
	5	80-3514014	1	Spring
	6	ШКЯМ 188.00.005	1	Plate
	7	ШКЯМ 188.00.001	1	Rod
	8	ШКЯМ 188.00.006	1	Spring
	9	ШКЯМ 188.00.003	1	Ring
	10	80-3514062	1	Cup
	11	80-3514061	1	Casing
	12	ШКЯМ 188.00.002	max 4	Gasket
	13	ШКЯМ 188.01.000	1	Cover with rod
	14	M8	1	Nut
	15	80-3514017	1	Lug
	16	ШКЯМ 251.00.016	1	Boot
	17	ВМ 4	2	Screw
	18	ШП 4	2	Washer
	19	80-3514018	1	Plate
	20	80-3514019	1	Valve
	21	80-3514023	1	Screw
	22	80-3514025	2	Washer
	23	80-3514028	2	Valve
	24	80-3514027	1	Washer
	25	80-3514022	1	Tube
	26	80-3514024	1	Spring
	27	80-3514042	1	Spring plate
	28	80-3514044	2	Diaphragm
	29	80-3514041	1	Cage
	30	80-3514043	1	Sleeve
	31	M4	1	Nut
	32	ШП 10	4	Washer
	33	M10x40	2	Bolt
	34	80-3514109	1	Bracket
	35	M10x70	2	Bolt
	36	3.2x18	2	Cotter pin
	37	ШЧ 8	1	Washer
	38	80-3514131	1	Rod
	39	M12x1.25	2	Nut
	40	ДСШ-14.21.141	1	Spring
	41	80-3514132	1	Head
	42	80-3514133	1	Nut
43	12x40	1	Pin	
44	ШЧ 12	2	Washer	
45	1522-3514033	1	Angle piece	
46	70-3506033	1	Angle piece	

* variant

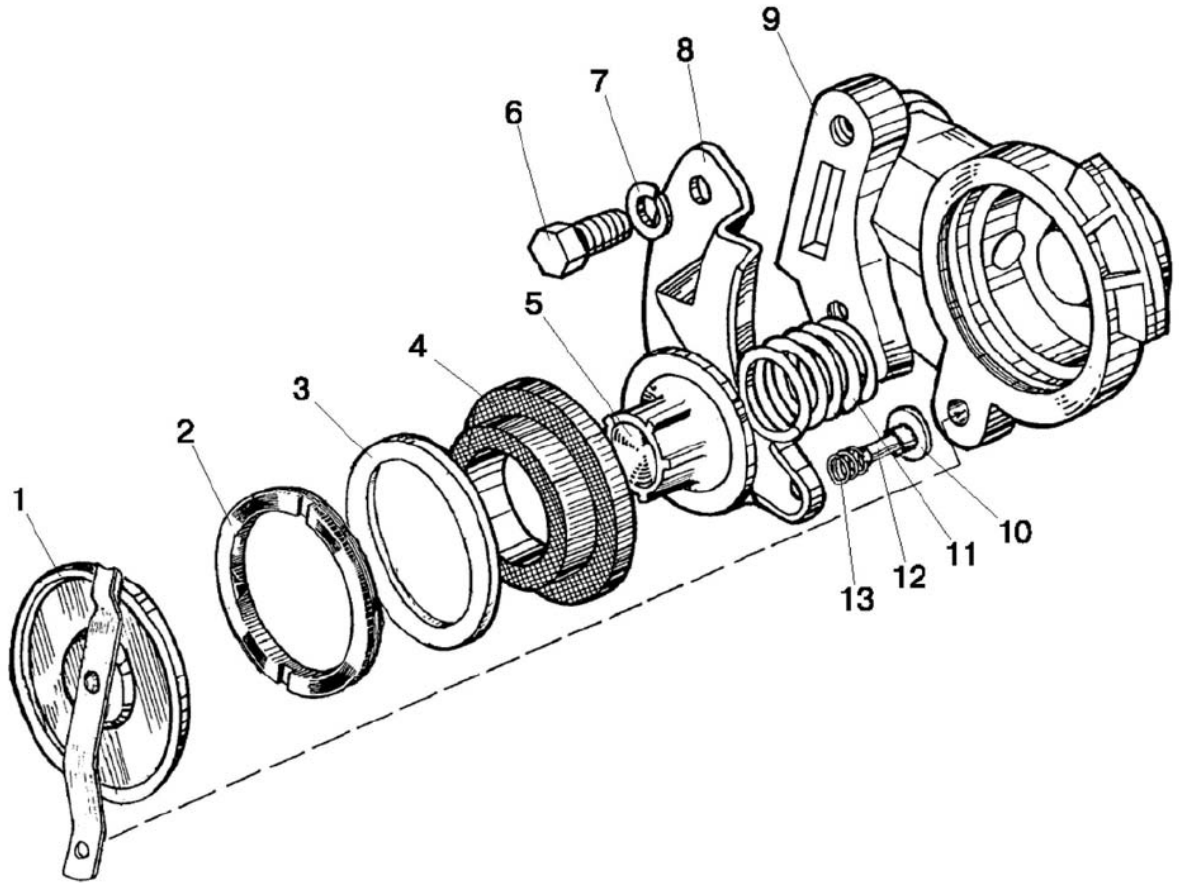


Figure 35.9. Connecting head (for single-line pneumatic actuator)

Group 35. Brakes

Subgroup 3521. Connecting head (for single-line pneumatic actuator)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.9		64226-3521110	1	Connecting head
		64226-3521111	1	Connecting head
	1	64226-3521148	1	Spring
	2	64226-3521124	1	Casing
	3	M4x14	2	Screw
	4	025-030-30	1	Ring
	5	64226-3521127	1	Cover
		64226-3521126*	1	Cover
	6	033-036-19-2-2	1	Ring
	7	64226-3521144	1	Cover (yellow)
		64226-3521144*	1	Cover (red)
	8	64226-3521142	1	Valve
	9	64226-3521138	1	Seat
	10	64226-3521136	1	Plate
	11	64226-3521134	1	Piston
12	64226-3521117	1	Guide	
13	M6x28	1	Screw	
14	64226-3521140	1	Bushing	
15	64226-3521146	1	Spring	

* for the connecting head 64226-3521110

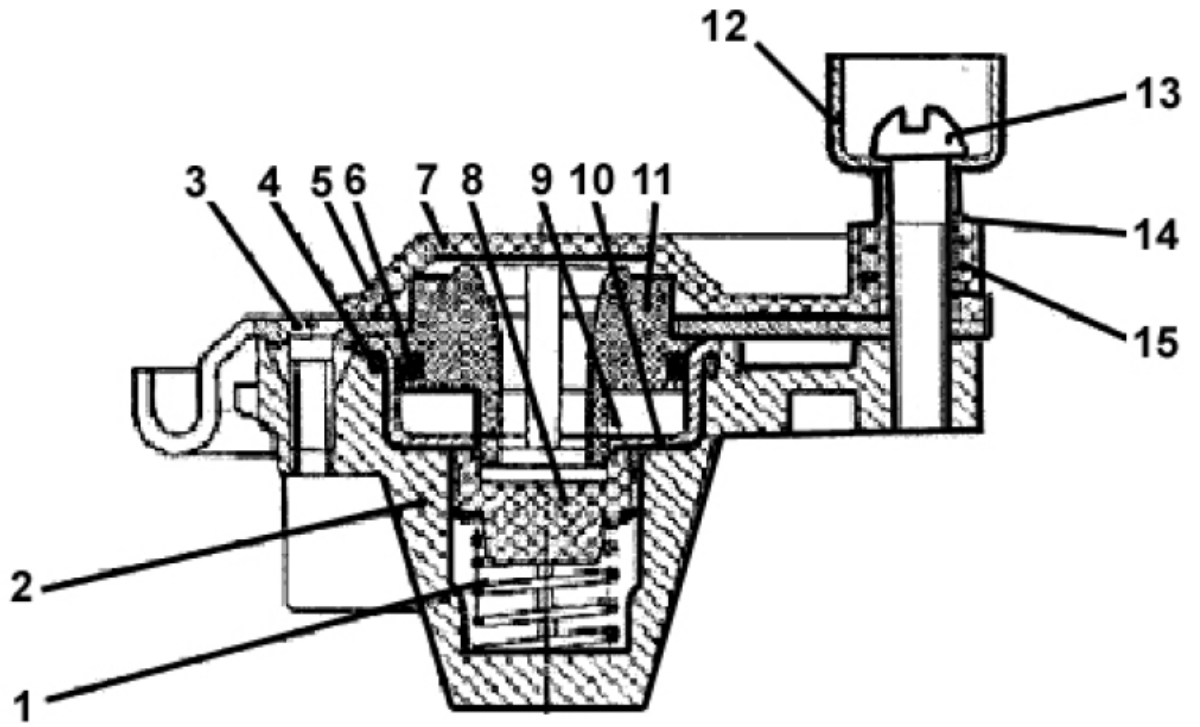


Figure 35.10. Connecting head (for two-line pneumatic actuator)

Group 35. Brakes

Subgroup 3521. Connecting head (for two-line pneumatic actuator)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.10		64226-3521110	1	Connecting head
		64226-3521111	1	Connecting head
	1	64226-3521148	1	Spring
	2	64226-3521124	1	Casing
	3	M4x14	2	Screw
	4	025-030-30	1	Ring
	5	64226-3521127	1	Cover
		64226-3521126*	1	Cover
	6	033-036-19-2-2	1	Ring
	7	64226-3521144	1	Cover (yellow)
		64226-3521144*	1	Cover (red)
	8	64226-3521142	1	Valve
	9	64226-3521138	1	Seat
	10	64226-3521136	1	Plate
	11	64226-3521134	1	Piston
12	64226-3521117	1	Guide	
13	M6x28	1	Screw	
14	64226-3521140	1	Bushing	
15	64226-3521146	1	Spring	

* for the connecting head 64226-3521110

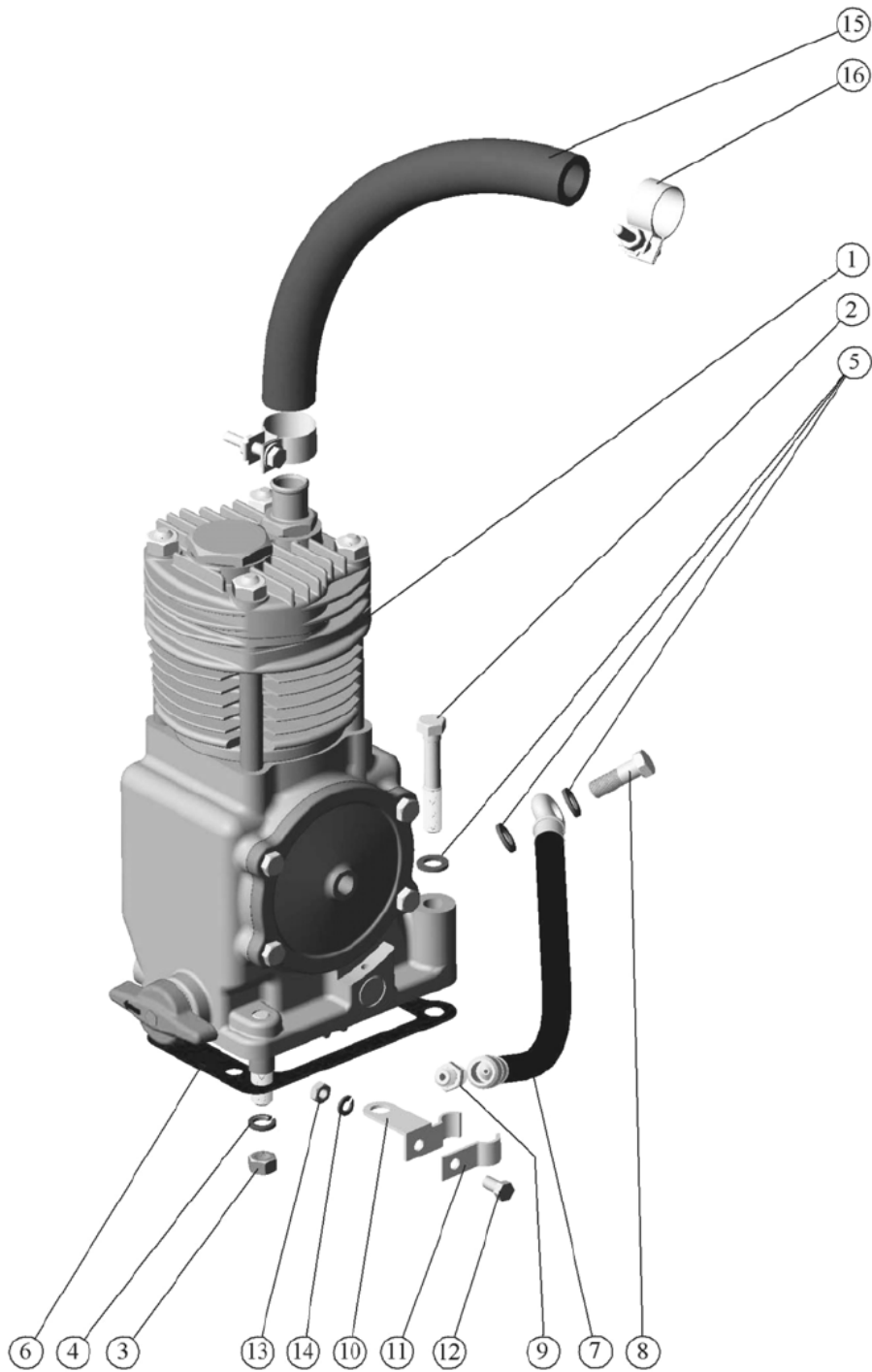


Figure 35.11. Compressor

Group 35. Brakes
Subgroup 3509. Compressor

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.11		240-3509030-A	1	Pneumatic compressor assembly
	1	A29.05.000-Б3А	1	Pneumatic compressor
	2	M10-6gx45	1	Bolt
	3	M10-6H	3	Nut
	4	10 65Г06	3	Washer
	5	36-1104788	3	Gasket
	6	240-3509037-A	1	Gasket
	7	240-3509150	1	Oil pipeline (L=352mm)
	8	36-1104787	1	Connecting pipe bolt
	9	240-3509232	1	Connecting pipe
	10	240-3509158	1	Clamp
	11	240-3509159	1	Clamp
	12	M6-6gx16	1	Bolt
	13	M6-6H	1	Nut
	14	6 65Г 06	1	Washer
	15	РД 18-29-300-1.3	1	Hose pipe piece
16	XC-26.019	2	Binding screw clamp	

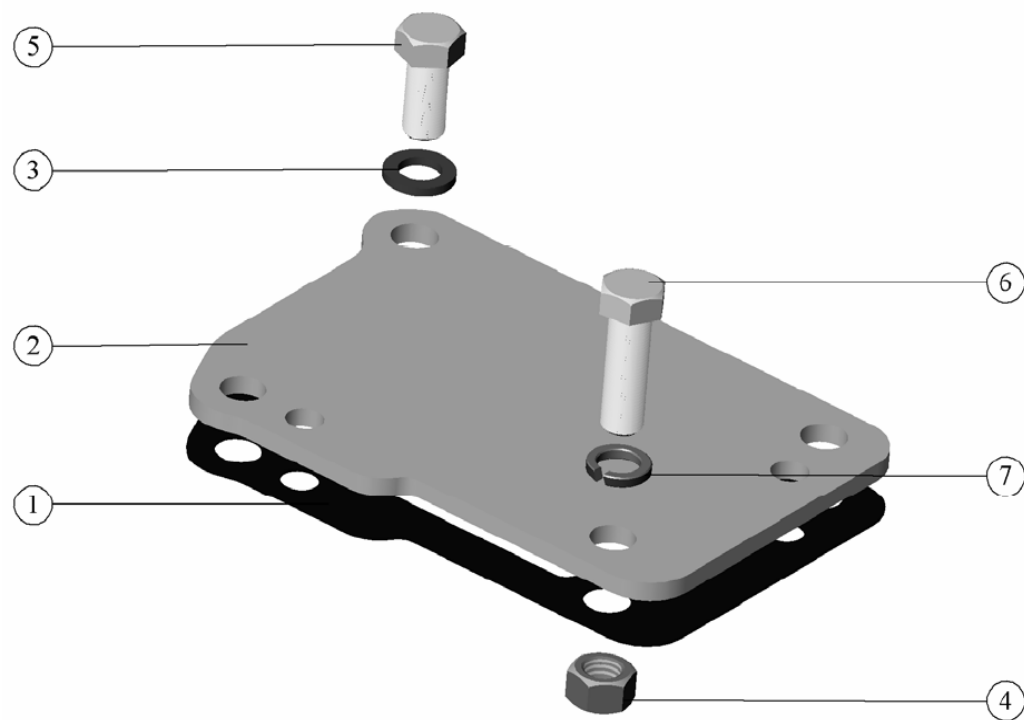


Figure 35.12. Choke assembly (for tractors without pneumatic compressor)

Group 35. Brakes
Subgroup 3509. Choke assembly
(for tractors without pneumatic compressor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
35.12		240-3509020	1	Choke assembly
	1	240-3509037-A	1	Gasket
	2	240-3509041	1	Cover
	3	36-1104788	1	Gasket
	4	M10-6H.6.016(316)	3	Nut
	5	M10x20	1	Bolt
	6	M10x30	3	Bolt
	7	10 65Г 06	3	Washer

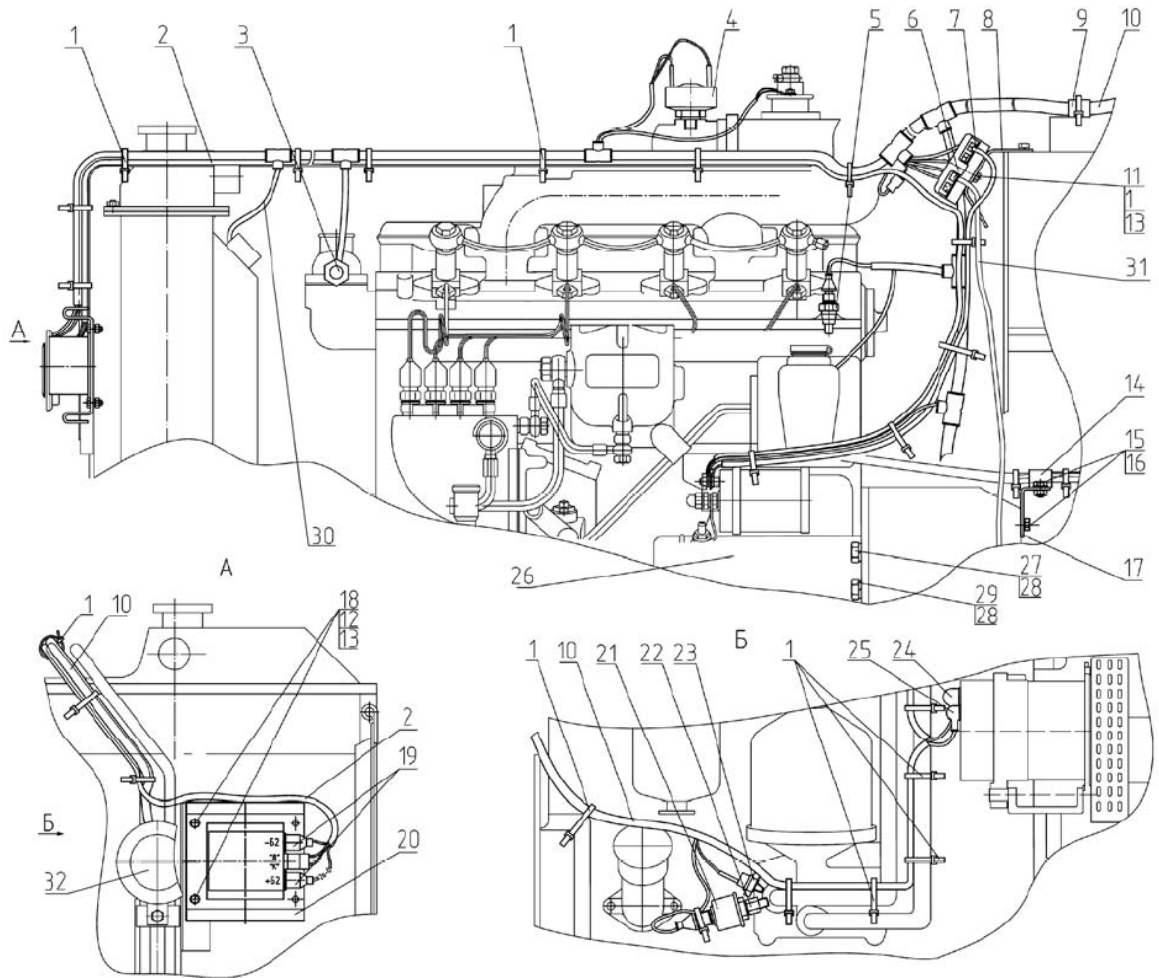


Figure 37.1. Electric equipment of the engine

Group 37. Electric equipment
Subgroup 3700. Electric equipment of the engine

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.1		80-3700030-Г	1	Electric equipment of the engine assembly
	1	80-3723045-01	21	Cup
	2	80-3724345-B*	1	Bundle
	3	3844.10	1	Emergency temperature sensor
	4	3845.10	1	Air cleaner clogging sensor
	5	3828.10	1	Temperature indicator sensor
	6	3722.40	1	Fuse block
	7	80-3724368-Б	1	Cable
	8	80-3747021	1	Bracket
	9	80-3723016	1	Bracket
	10	80-3724360-Ж	1	Bundle
		82П-3724360**	1	Bundle
	11	BM6x20	2	Screw
	12	M6	2/4	Nut
	13	ШШП 6	2/4	Washer
	14	822-3723044	1	Buckle
	15	M8x16	2	Bolt
	16	ШШП 8	2	Washer
	17	70-4802060	1	Bracket with nut
	18	M6x16	2	Bolt
	19	70-3723035*	2	Terminal
	20	3759.10*	1	Voltage converter
	21	3829.10	1	Sensor of oil pressure in the engine
	22	80-3829002	1	Connecting pipe
	23	3829.15	1	Oil emergency pressure sensor
	24	TM-59-6000-38	1	Rubber tip
	25	M2-14.13.238	2	Boot
		3708.10	1	Starter 12 V (up to 3 kW)
		3708.15*	1	Starter 24V (up to 4 kW)
	27	M12x45	1	Bolt
	28	ШШП 12	1	Washer
	29	M12x30	1	Bolt
30	82П-3724230**	1	Bundle	
31	1221B-3724340-B**	1	Bundle	
32	3721.10	1	Horn	

* with the starting system rated at 24 V

** for Belarus-82П tractor

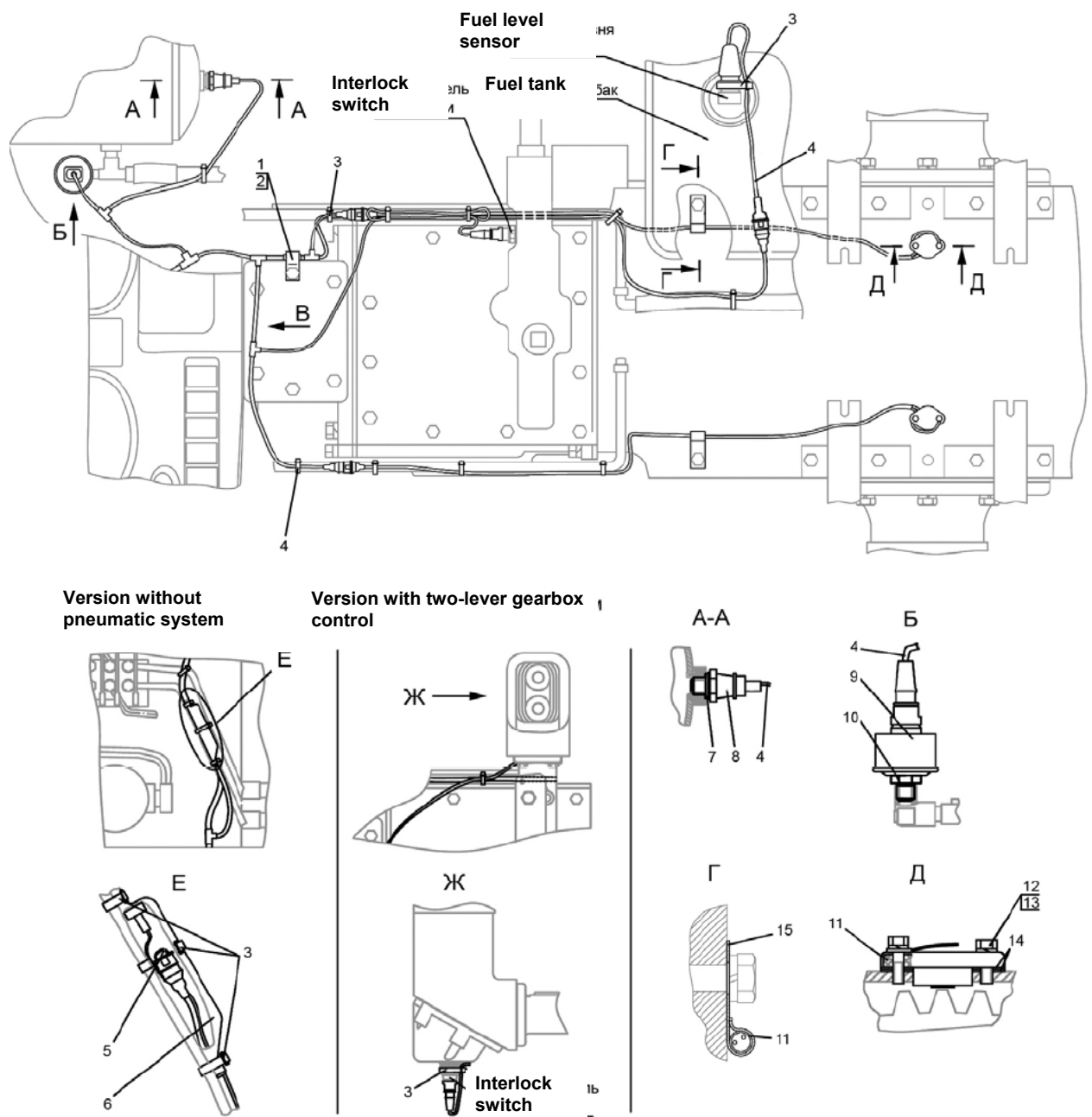


Figure 37.2. Electric equipment of the transmission

Note to Figure 37.2

Designation	Note
80-3700040-Б	variant with pneumatic system
80-3700040-Б-01	variant without pneumatic system

Group 37. Electric equipment

Subgroup 3700. Electric equipment of the transmission

Figure No.	Pos. No.	Assembly or part number	Quantity per version		Description
			80-3700040-Б-	01	
37.2		80-3700040-Б	1		Electric equipment of the transmission
		80-3700040-Б-01		1	Electric equipment of the transmission
	1	70-1115012-03	1	1	Buckle
	2	70-3506027	1	1	Bushing
	3	80-3723045-01	10	11	Cup
	4	80-3724317	1	1	Bundle
	5	80-3724002-Б		1	Cable
	6	305-TB-40-35		1	Tube (190 mm)
	7	85-1702051	1		Washer
	8	3829.25	1		Emergency air pressure sensor
	9	3829.20	1		Air pressure sensor
	10	Д18-055-А	1		Seal ring
	11	3843.10	2	2	Rotational speed sensor
	12	M8x25	4	4	Bolt
	13	ШП 8	4	4	Washer
14	80-3843001	10	10	Gasket	
15	822-3723001	2	2	Cramp	

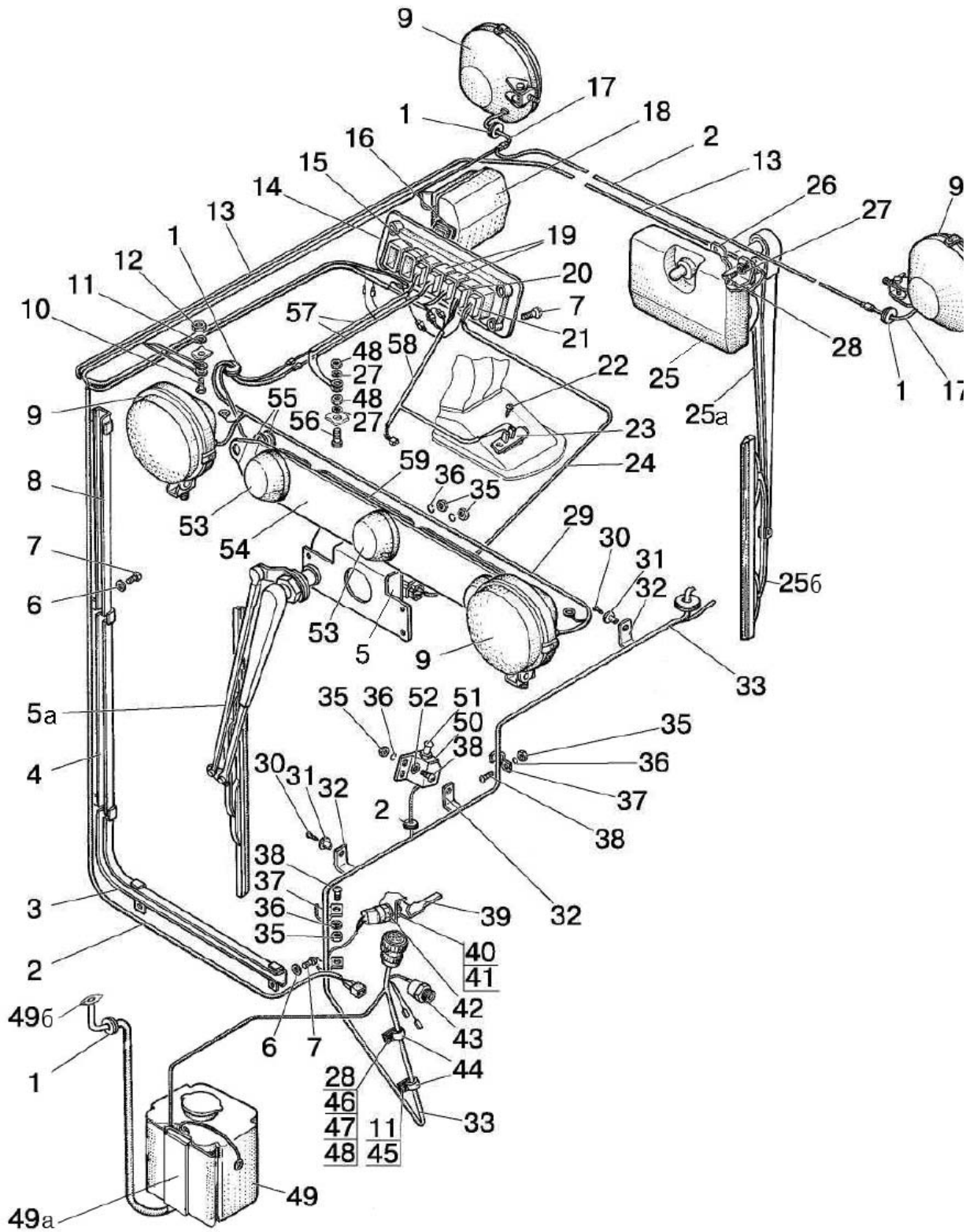


Figure 37.3. Electric equipment of the cab

Group 37. Electric equipment
Subgroup 3700. Electric equipment of the cab

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.3	1	70-3723042-01	5	Bushing
	2	80-3724351-Г1	1	Bundle
	3	80-3723015	1	Chute
	4	80-3723020	1	Chute
	5	5205.10	1	Pantograph-type windscreen wiper
	5a	5205.25	1	Brush with lever 660/600
	6	ШП 6	5	Washer
	7	BM6x12	9	Screw
	8	80-3723010	1	Chute
	9	8724.31.06	4	Working light
	10	M8x14	1	Bolt
	11	ШП 8	1	Washer
	12	M8	1	Nut
	13	80B-3724310-14	1	Cable
	14	80-3801342	1	Dashboard
	15	3710.40	1	Road train sign switch
	16	80-3801327	2	Choke
	17	80-3724035-Б	2	Cable
	18	3714.10	1	Cab lighting lamp 105 x 95
	19	3710.30	2	Working light switch
	20	3709.15	1	Fan switch
	21	3709.25	1	Windscreen wiper switch
	22	4x10	1	Screw
	23	11.3729	1	Additional resistor
	24	80B-3724010	1	Bundle
	25	5205.20	1	Windscreen wiper
	25a	5205.30	1	Windscreen wiper arm 420
	25б	5205.35	1	Windscreen wiper brush 460
	26	80-5205031	1	Bracket
	27	ШП 6	5	Washer
	28	M6x16	2	Bolt
	29	80-3724232-Б	1	Bundle
	30	2-4x16	4	Screw
	31	A37.10.031	4	Boss
	32	85-3723041-01	4	Clamp
	33	80-3724300-Г1	1	Bundle
	35	M5	11	Nut
	36	ШП 5	11	Washer
	37	80-3723038	3	Clamp
	38	BM5x16	3	Screw
	39	85-3710032	1	Lever
	40	85-3710025	1	Nut
	41	14 JI	1	Washer
	42	3720.10	1	Stop-light switch
	43	3829.15	1	Oil emergency pressure sensor
	44	1321-8700029	2	Clamp
	45	BM8x25	1	Screw
	46	BM6x25	1	Screw
	47	ШП 8	1	Washer
48	M6	3	Nut	
49	5208.25	1	Electrical windscreen washer	
49a	5208.20	1	Bracket	
49б	5208.10	1	Jet nozzle	

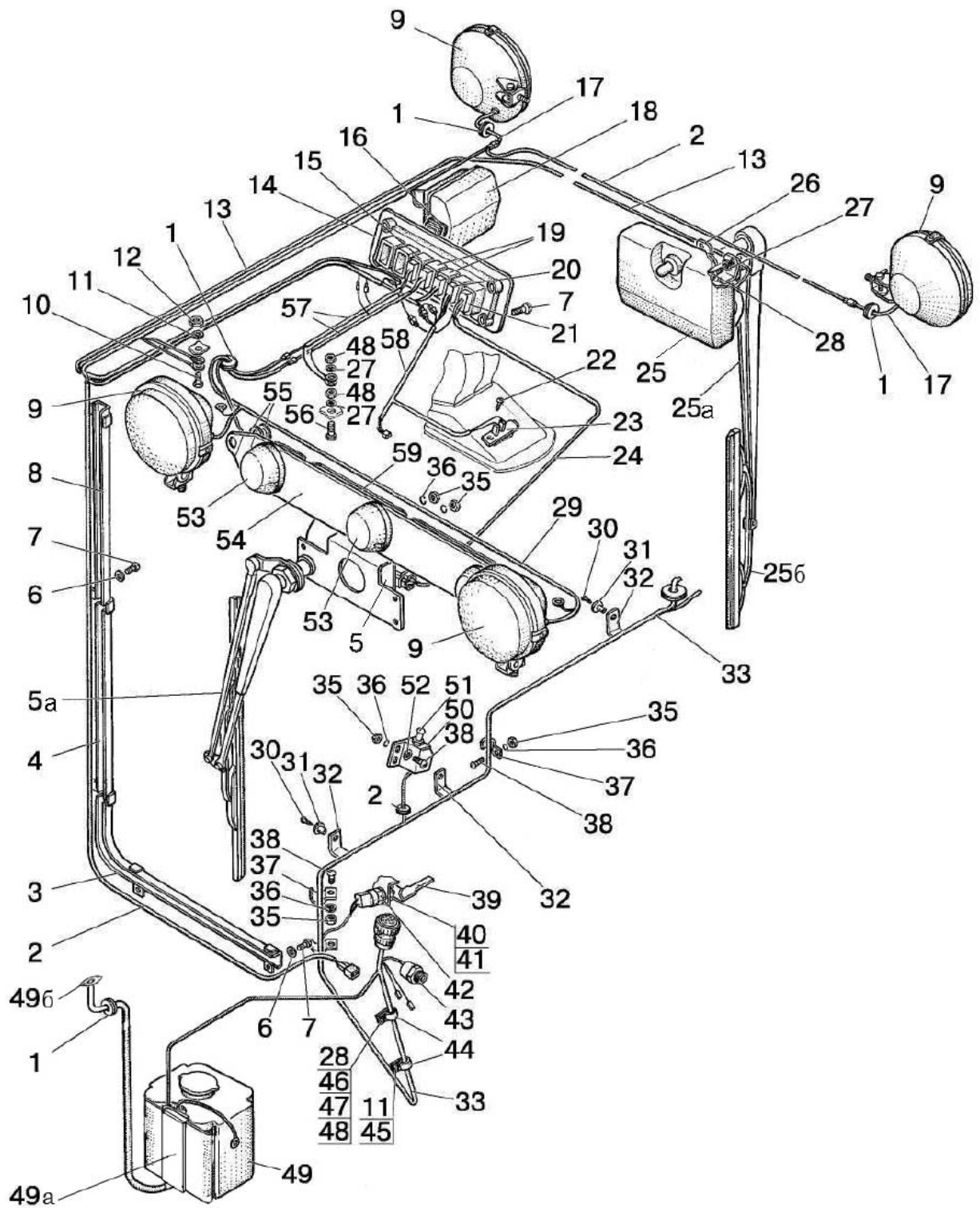


Figure 37.3. Electric equipment of the cab

Group 37. Electric equipment
Subgroup 3700. Electric equipment of the cab

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.3	50	80-3710012	1	Bracket
	51	3710.60	1	Parking brake lamp switch
	52	ППЧ 5	2	Washer
	53	3738.10	3	Road train light
	54	80-3738001	1	Bracket
	55	80-6708904	4	Gasket
	56	M6x20	1	Bolt
	57	80-3724231-Б	2	Bundle
	58	80-3724353-Г	1	Bundle
59	80-3724233-Б	1	Bundle	

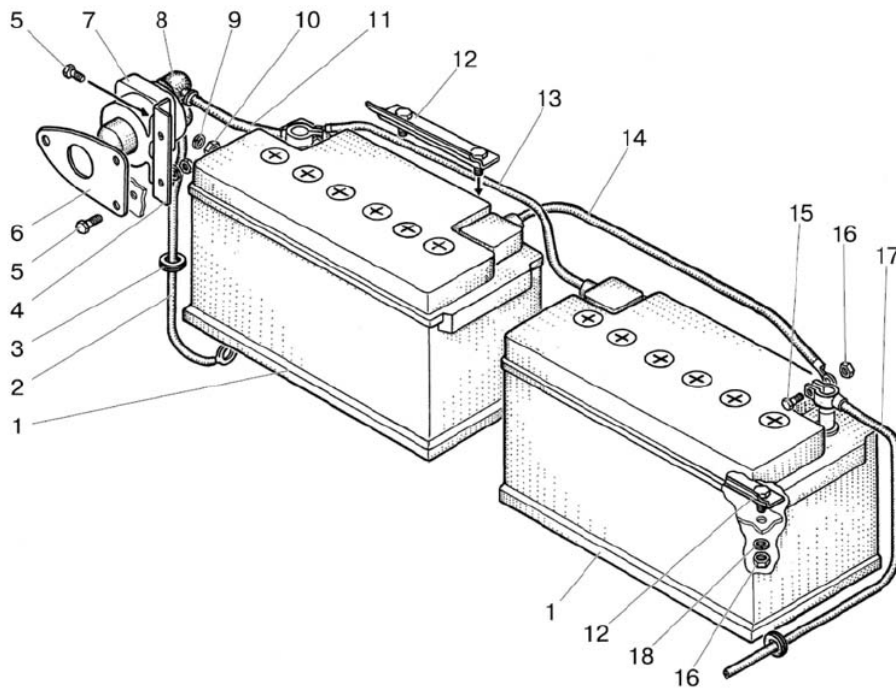


Figure 37.4. Storage batteries. Storage battery pack for the starting system rated at 12 V (except for Belarus-82II tractor)

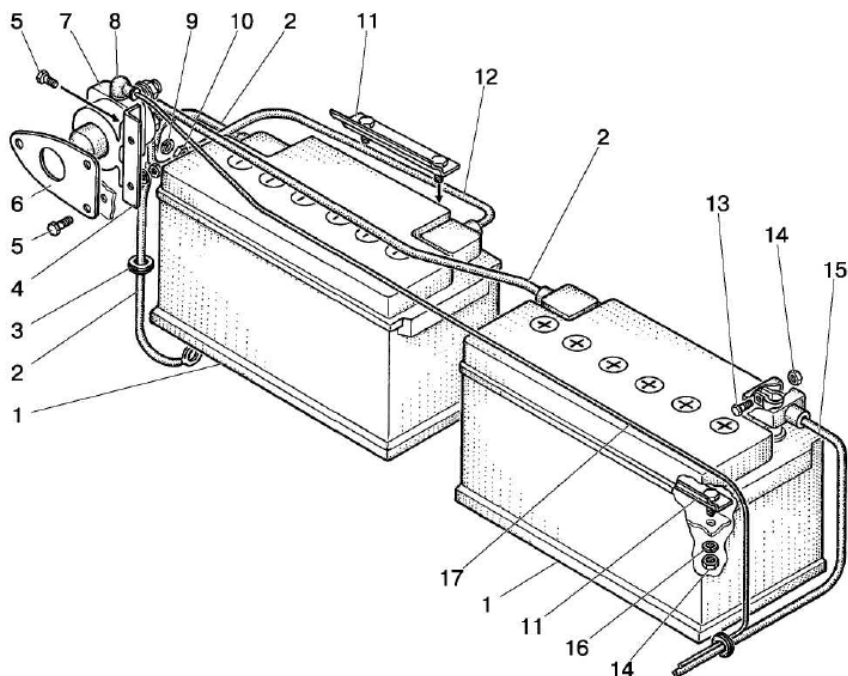


Figure 37.5. Storage batteries. Storage battery pack for the starting system rated at 12 V (except for Belarus-82II tractor)

Group 37. Electric equipment

Subgroup 3703. Storage batteries. Storage battery pack for the starting system rated at 12 V (except for Belarus-82II tractor)

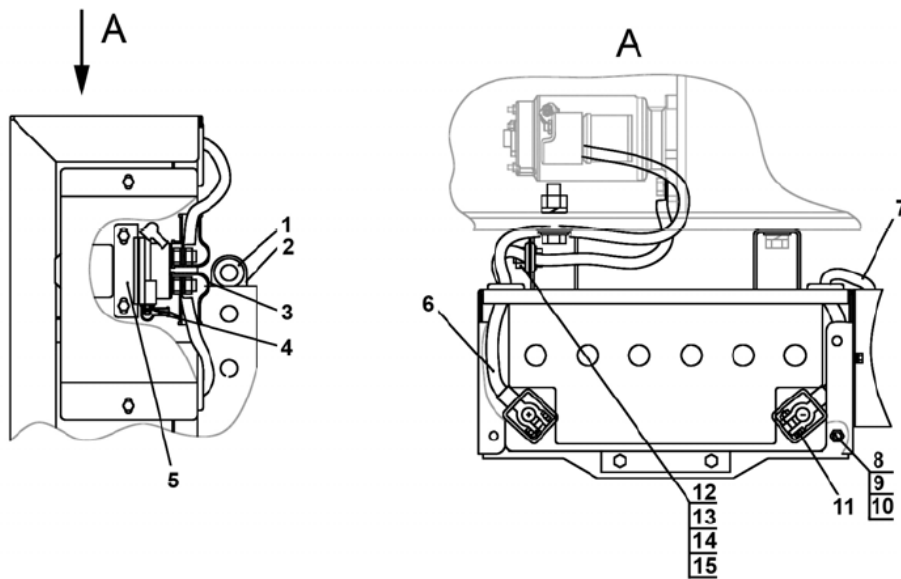
Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.4	1	3703.16	2	Storage battery 12/88
	2	80-3724042	1	Cable
	3	70-3723042-02	1	Bushing
	4	80-3703061	1	Bracket
	5	M6x20	5	Bolt
	6	80-3703062	1	Plate
	7	3737.20	1	Manual switch of batteries 12 V
	8	TM-59-6000-38	2	Boot
	9	IIIИ 6	5	Washer
	10	M6	5	Nut
	11	80-3724043-Б	1	Cable
	12	80B-3703020	2	Plate
	13	80-3724039	1	Cable
	14	80-3724038	1	Cable
	15	M8x30	4	Bolt
	16	M8	4	Nut
	17	70-3724041-Б	1	Cable
	18	IIIИ 8	4	Washer

Group 37. Electric equipment

Subgroup 3703. Storage batteries. Storage battery pack for the starting system rated at 24 V (except for Belarus-82II tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.5	1	3703.16	2	Storage battery 12/88
	2	1221B-3724075	2	Cable
	3	70-3723042-02	1	Bushing
	4	80-3703061	1	Bracket
	5	M6x20	5	Bolt
	6	80-3703062	1	Plate
	7	3737.25	1	Manual switch of batteries 24 V
	8	54.24.445-Б	1	Terminal
	9	IIIИ 6	5	Washer
	10	M6	5	Nut
	11	80B-3703020	2	Plate
	12	1025-3724044	1	Cable
	13	M8x30	4	Bolt
	14	M8	8	Nut
	15	70-3724041-Б	1	Cable
	16	IIIИ 8	4	Washer
	17	80-3724367	1	Cable

For the starting system rated at 24 V



For the starting system rated at 12 V

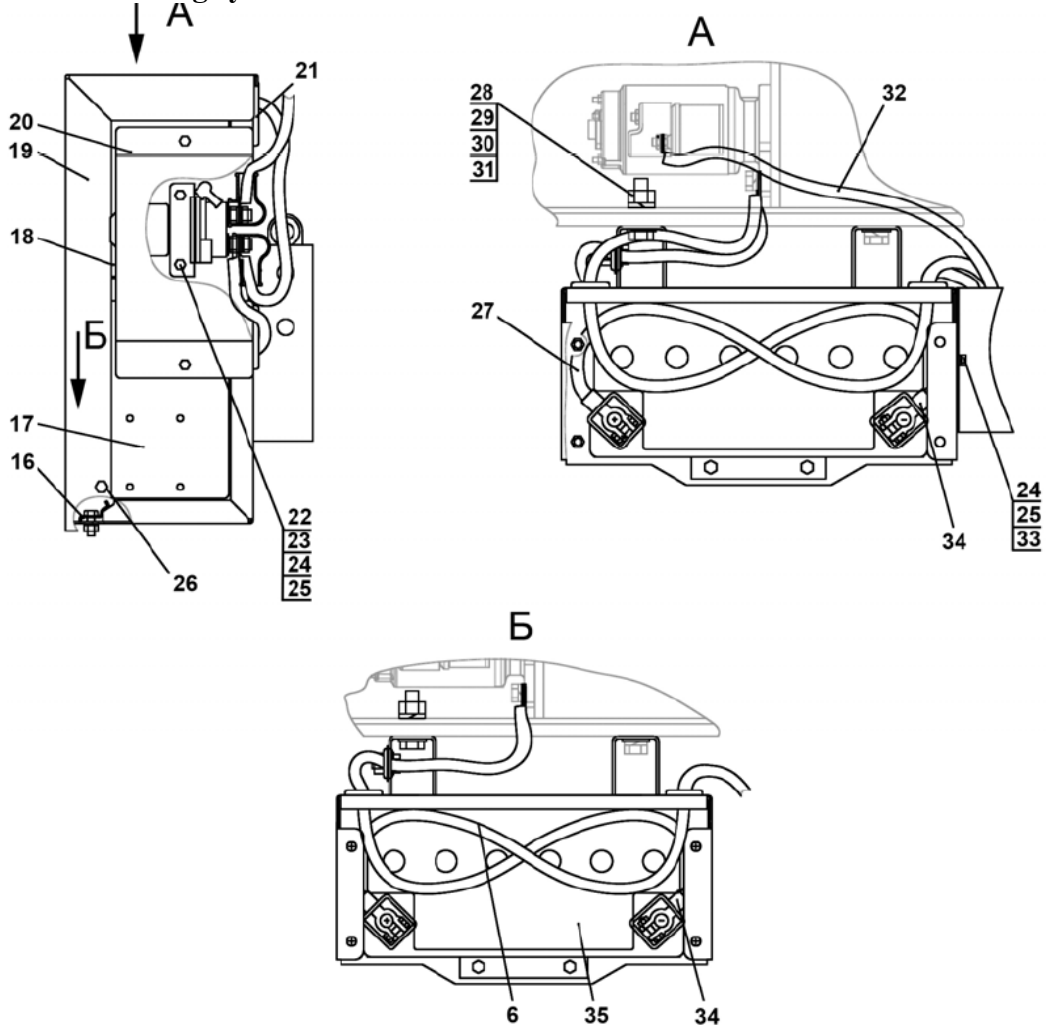


Figure 37.6. Storage batteries
Storage battery pack (for Belarus-82П tractor)

Note to Figure 37.6

Designation	Note
82П-3700080	Starting system rated at 12 V
82П-3700080-01	Starting system rated at 12 V (for tropics)
82П-3700080-02	Starting system rated at 24 V
82П-3700080-03	Starting system rated at 24 V (for tropics)

Group 37. Electric equipment
Subgroup 3703. Storage batteries.
Storage battery pack (for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity per version 82П-3700080-				Description
			-	01	02	03	
37.6	1	70-3723042-02	1	1	1	1	Bushing
	2	320-3723021	1	1	1	1	Bracket
	3	TM59.6000-38	2	2	2	2	Rubber tip
	4	54.24.445-Б	1	1	2	2	Terminal
	5	1212.3737-01	1	1			Switch
		1212.3737-06			1	1	Switch
	6	1221B-3724044-B	1		2		Cable
		1221B-3724044-B-01		1		2	Cable
	7	923-3724042			1		Cable
		923-3724042-01				1	Cable
	8	M8x20	6	6	6	6	Bolt
	9	M8	12	12	12	12	Nut
	10	ШП 8	10	10	10	10	Washer
	11	M8x30	4	4	4	4	Bolt
	12	M12x20	1	1	1	1	Bolt
	13	M12	1	1	1	1	Nut
	14	ШЧ 12	1	1	1	1	Washer
	15	ШП 12	1	1	1	1	Washer
	16	80B-3703020	2	2	2	2	Plate
	17	1221B-3703010	1	1	1	1	Container
	18	1221B-3703010-02	1	1	1	1	Container
	19	1221B-3703020-01	1	1	1	1	Cover
	20	1522-3703025	1	1	1	1	Cover
	21	50-4607064	4	4	4	4	Bushing
	22	M6x20	2	2	2	2	Bolt
	23	M6	2	2	2	2	Nut
	24	ШЧ 6	4	4	4	4	Washer
	25	ШП 6	4	4	4	4	Washer
	26	ШЧ 8	6	6	6	6	Washer
	27	2022-3724044	1				Cable
		2022-3724044-01		1			Cable
	28	M16x55	2	2	2	2	Bolt
	29	M16	2	2	2	2	Nut
	30	ШЧ 16	4	4	4	4	Washer
	31	ШП 16	2	2	2	2	Washer
32	82П-3724041	1				Cable	
	82П-3724041-01		1			Cable	
33	M6x16	2	2	2	2	Bolt	
34	1522-3724075	2		1		Cable	
	1522-3724075-01		2		1	Cable	
35	12 V, 88 A-h	2		2		Storage battery	
	12 V, 88 A-h, tropics.		2		2	Storage battery	

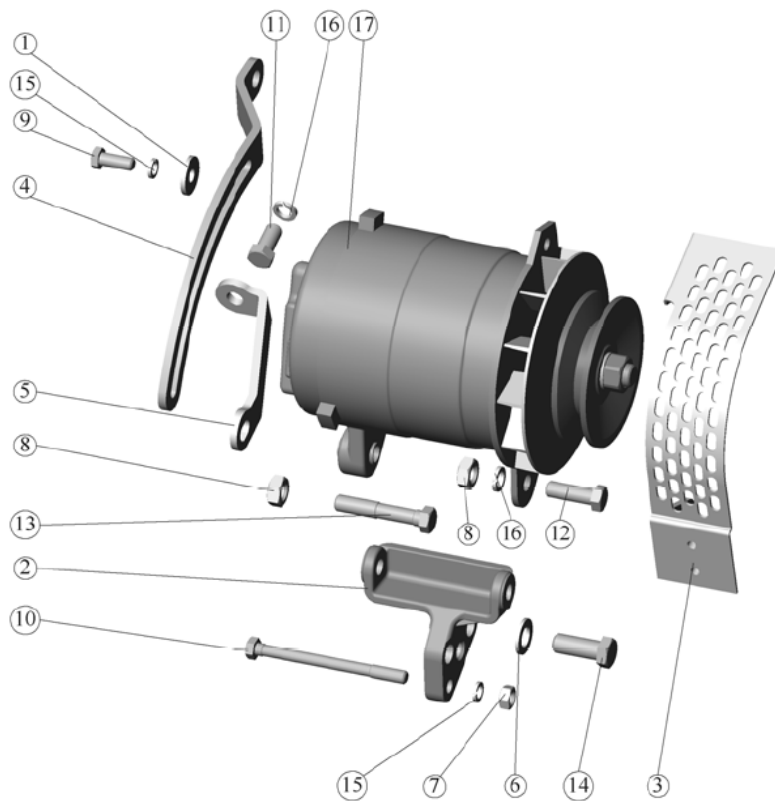


Figure 37.7. Alternator (for Belarus-80.1/80.Y/82Y/82.1/820/82P/82Π tractors)

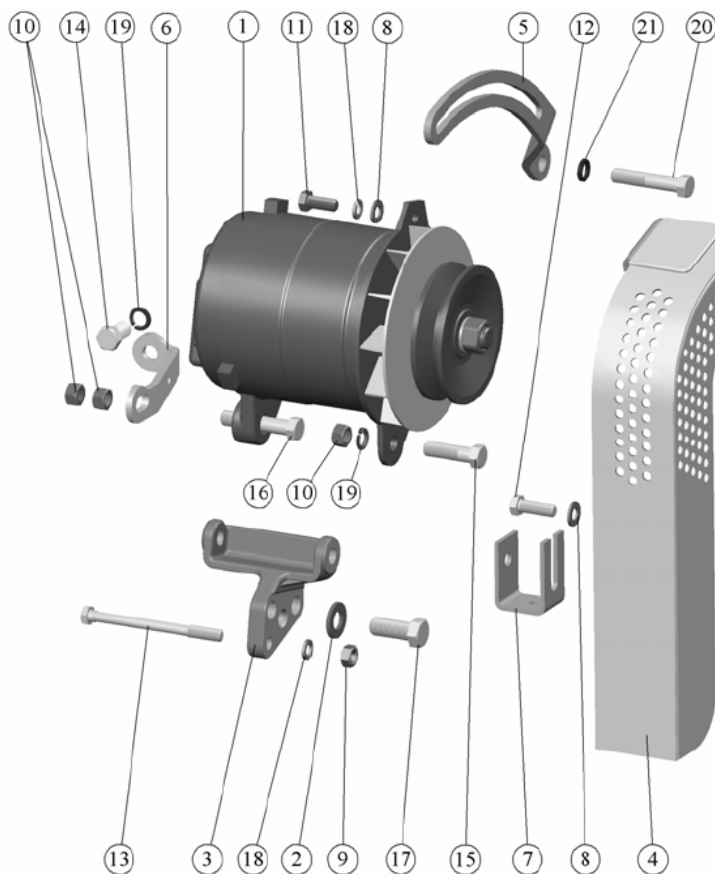


Figure 37.8. Alternator (for Belarus-80.3/82.3 tractors)

Group 37. Electric equipment

Subgroup 3701. Alternator (for Belarus-80.1/80.Y/82Y/82.1/820/82P/82Π tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.7		240-3701050-B	1	Alternator assembly (1-21)
	1	Г9695.3701-1	1	Alternator
	2	245-3701069	2	Washer
	3	240-3701056-B	1	Alternator bracket
	4	240-3701060-A	1	Guard
	5	240-3701063-01	1	Slat
	6	240-3701068-Б-01	1	Bracing
	7	240-3701069-B	1	Clamp
	8	50-1002073	1	Thrust washer
	9	M8	1	Nut
	10	M10	3	Nut
	11	M8x20	1	Bolt
	12	M8x25	1	Bolt
	13	M8x100	1	Bolt
	14	M10x20	1	Bolt
	15	M10x30	1	Bolt
	16	M10x55	1	Bolt
	17	M12x30	2	Bolt
	18	8.65Г.06	1	Washer
	19	10.65Г.06	1	Washer
	20	M10x50	1	Bolt
21	10.65Г.06	1	Washer	

Group 37. Electric equipment

Subgroup 3701. Alternator (for Belarus-80.3/82.3 tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.8		240-3701050-B-36	1	Alternator assembly
	1	50-1002073	1	Thrust washer
	2	240-3701056-B	1	Alternator bracket
	3	240-3701060-Б	1	Guard
	4	240-3701063	1	Slat
	5	240-3701068-Б	1	Bracing
	6	245-3701069	2	Washer
	7	M8	1	Nut
	8	M10	3	Nut
	9	M8x20	1	Bolt
	10	M8 x 95	1	Bolt
	11	M10x20	1	Bolt
	12	M10x30	1	Bolt
	13	M10 x 55	1	Bolt
	14	M12x30	2	Bolt
	15	8.65Г.06	2	Washer
	16	10.65Г.06	2	Washer
17	Г9695.3701-1	1	Alternator	

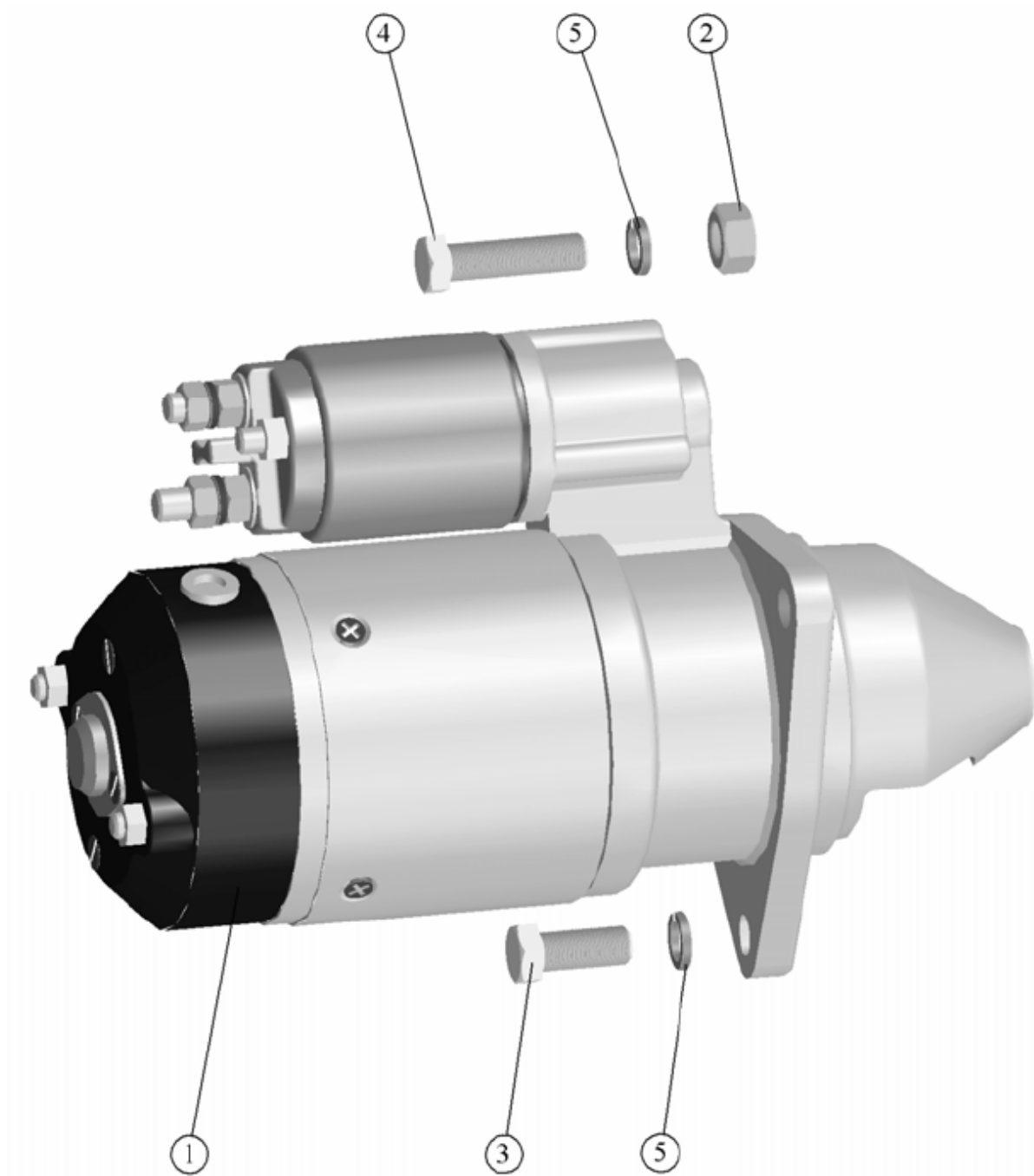


Figure 37.9. Starter. Starter assembly

Group 37. Electric equipment
Subgroup 3708. Starter. Starter assembly

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.9	1	3708.15*	1	Starter 24 V (4 kW)
		3708.10**	1	Starter 12 V (up to 3 kW)
	2	M12	1	Nut
	3	M12x30	2	Bolt
	4	M12x45	1	Bolt
5	ШШП 12	3	Washer	

* with the starting system rated at 24 V

** with the starting system rated at 12 V

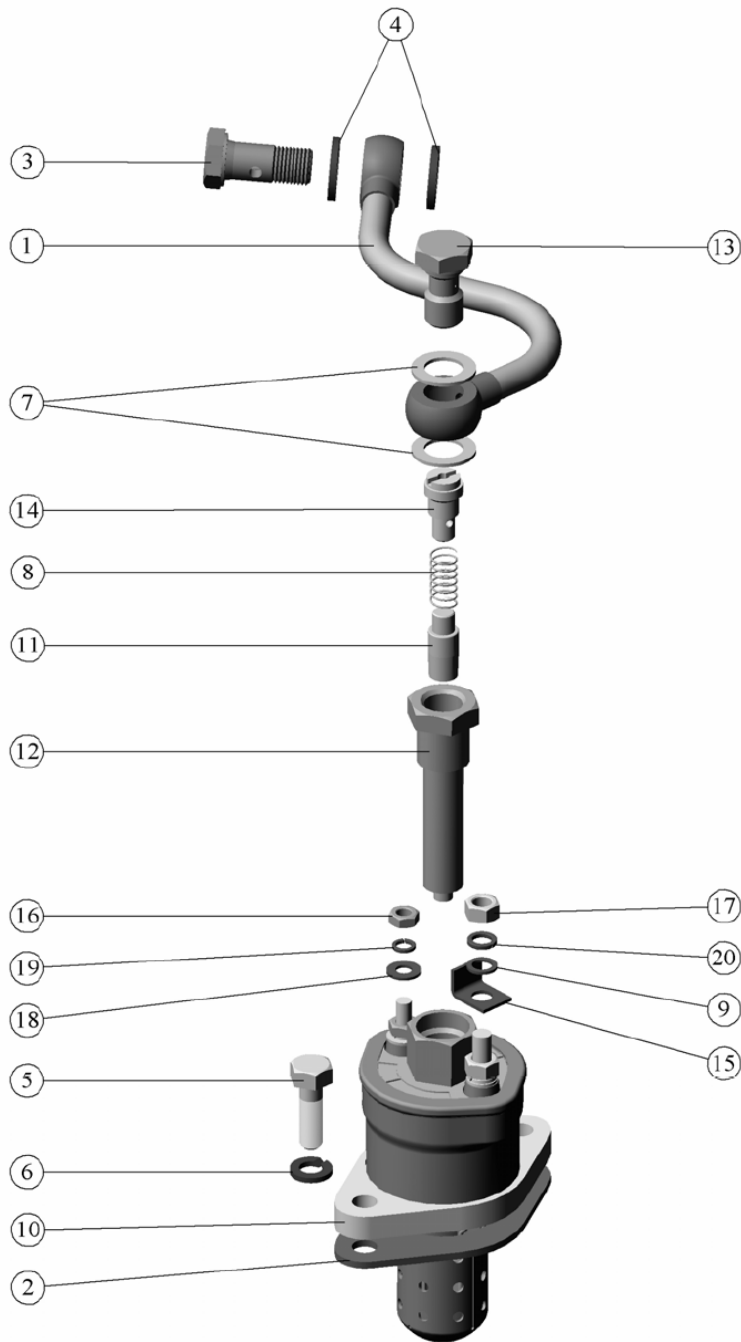


Figure 37.10. Electric torch pre-heater

Group 37. Electric equipment
Subgroup 3707. Electric torch pre-heater

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.10		242-3707110-Б	1	Electric torch pre-heater assembly (1-20)
		ЭФП-8101500 or ЭФП-8101500-01	1	Electric torch pre-heater (7-20)
	1	242-3707130-Б	1	Pipeline
	2	240-3707115-A1	1	Gasket
	3	36-1104787	1	Connecting pipe bolt
	4	36-1104788-01	2	Gasket
	5	M6x20	2	Bolt
	6	665Г06	2	Washer
	7	240-1007209	2	Gasket
	8	16-057	1	Bypass valve spring
	9	ЭФП-8101504	1	Washer
	10	ЭФП-8101563-Б	1	Pre-heater body with coil
		ЭФП-8101570	1	Coil with helix
	11	ЭФП-8101605-Г	1	Valve
	12	ЭФП-8101610	1	Valve body
	13	ЭФП-8101627-Б	1	Connecting pipe bolt
	14	ЭФП-8101628-Б	1	Connecting pipe
	15	ЭФП-8101696	1	Insulator
	16	M4	1	Nut
	17	M5	1	Nut
18	4.01.08КП.019	1	Washer	
19	4 65Г 06	1	Washer	
20	5 65Г 06	1	Washer	

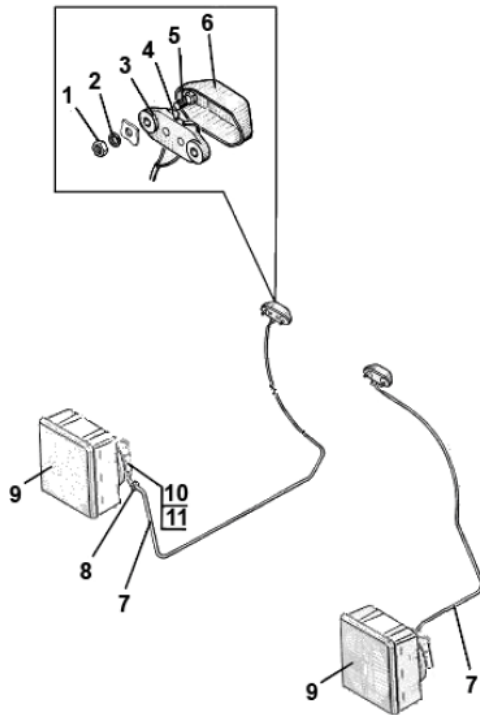


Figure 37.11. Road light assembly (except for Belarus-82Π tractor)

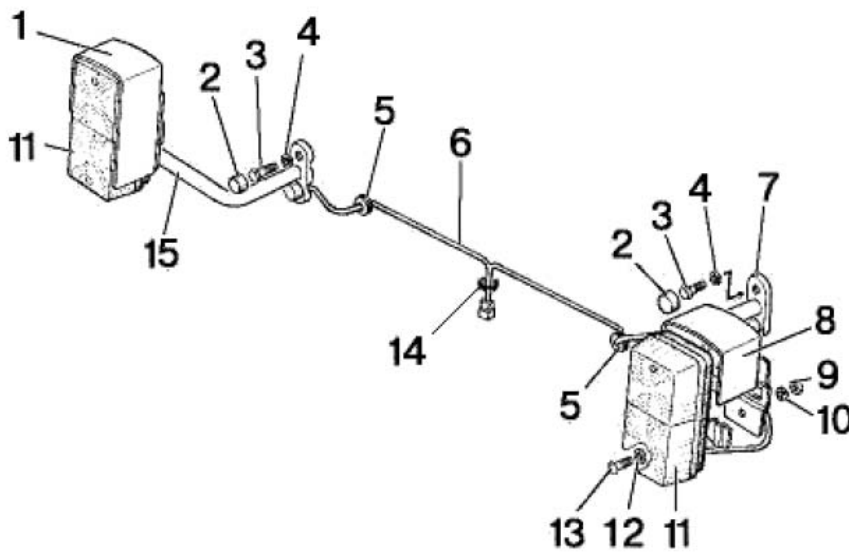


Figure 37.12. Front lamp assembly (except for Belarus-82Π tractor)

Group 37. Electric equipment

Subgroup 3723. Road light assembly (except for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.11	1	M5	6	Nut
	2	IIIИ 5	4	Washer
	3	3723.15	2	Two-contact junction plane
	4	80-3723056	4	Slat
	5	BM5x22	4	Screw
	6	70-3723036-01	2	Cover
	7	80-3724025-Г	2	Bundle
	8	70-3723042-01	2	Bushing
	9	087101000	1	Headlight
	10	M6	8	Nut
	11	IIIИ 6	8	Washer

Group 37. Electric equipment

Subgroup 3723. Front lamp assembly (except for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.12	1	85-3712045	1	Cover
	2	A30.04.017-01	4	Cap
	3	M8x20	4	Bolt
	4	IIIИ 8	4	Washer
	5	70-3723042-01	2	Bushing
	6	H80-3724131	1	Bundle
	7	H80-3712040	1	Bracket
	8	85-3712045-01	1	Cover
	9	M	4	Nut
	10	IIIИ 6	4	Washer
	11	3712.10	2	Front light with side repeater signal
	12	IIIИ 6	4	Washer
	13	BM6x18	4	Screw
	14	70-3723042-02	1	Bushing
	15	80-3723040	1	Bracket

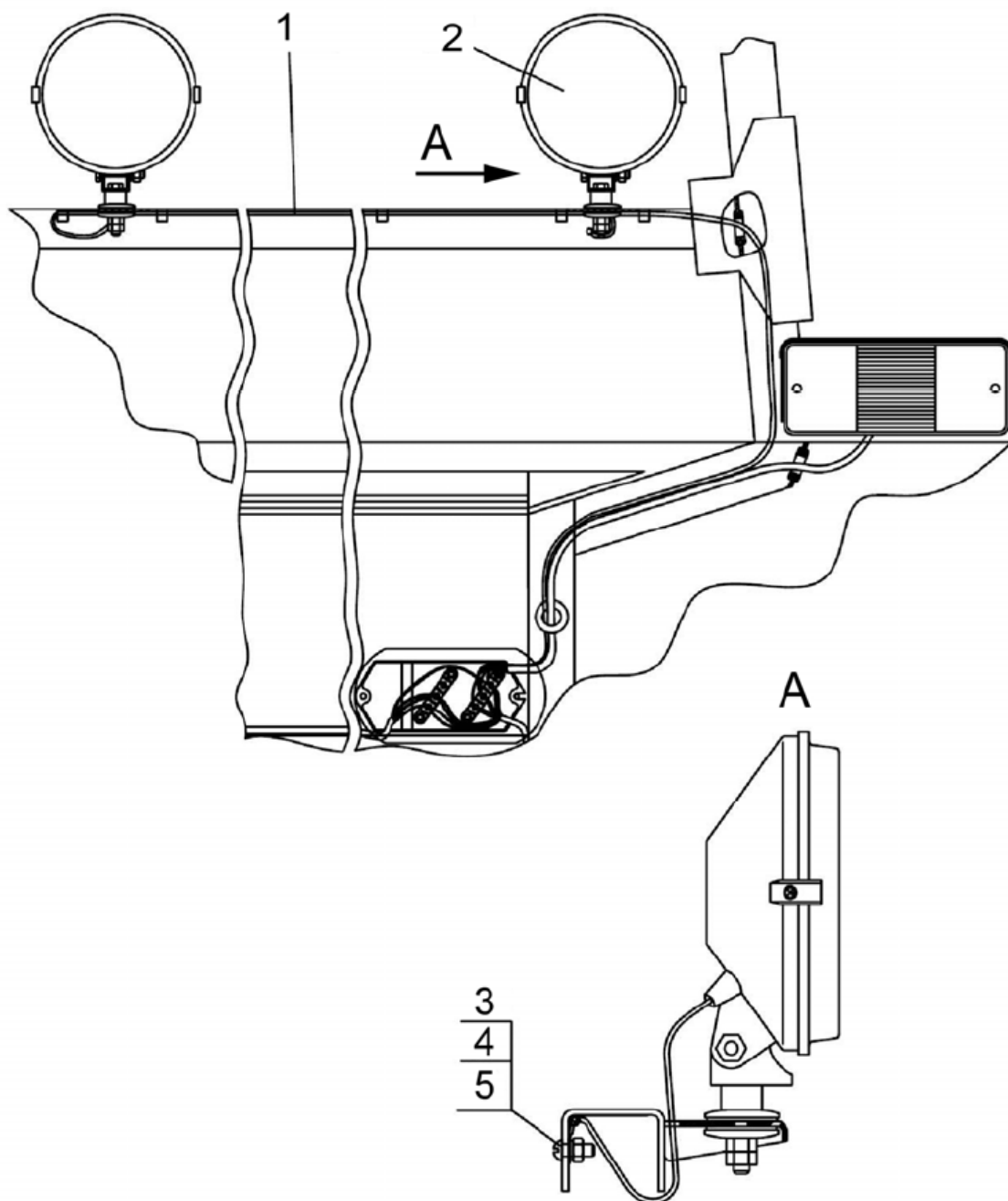


Figure 37.13. Working light assembly (for tractors with canopy framework)

Group 37. Electric equipment
Subgroup 3724. Working light assembly
(for tractors with canopy framework)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.13	1	80-3724005	1	Bundle
	2	8724.31/2021	2	Working light
	3	BM6x16	2	Screw
	4	IIII 6	2	Washer
	5	M6	2	Nut

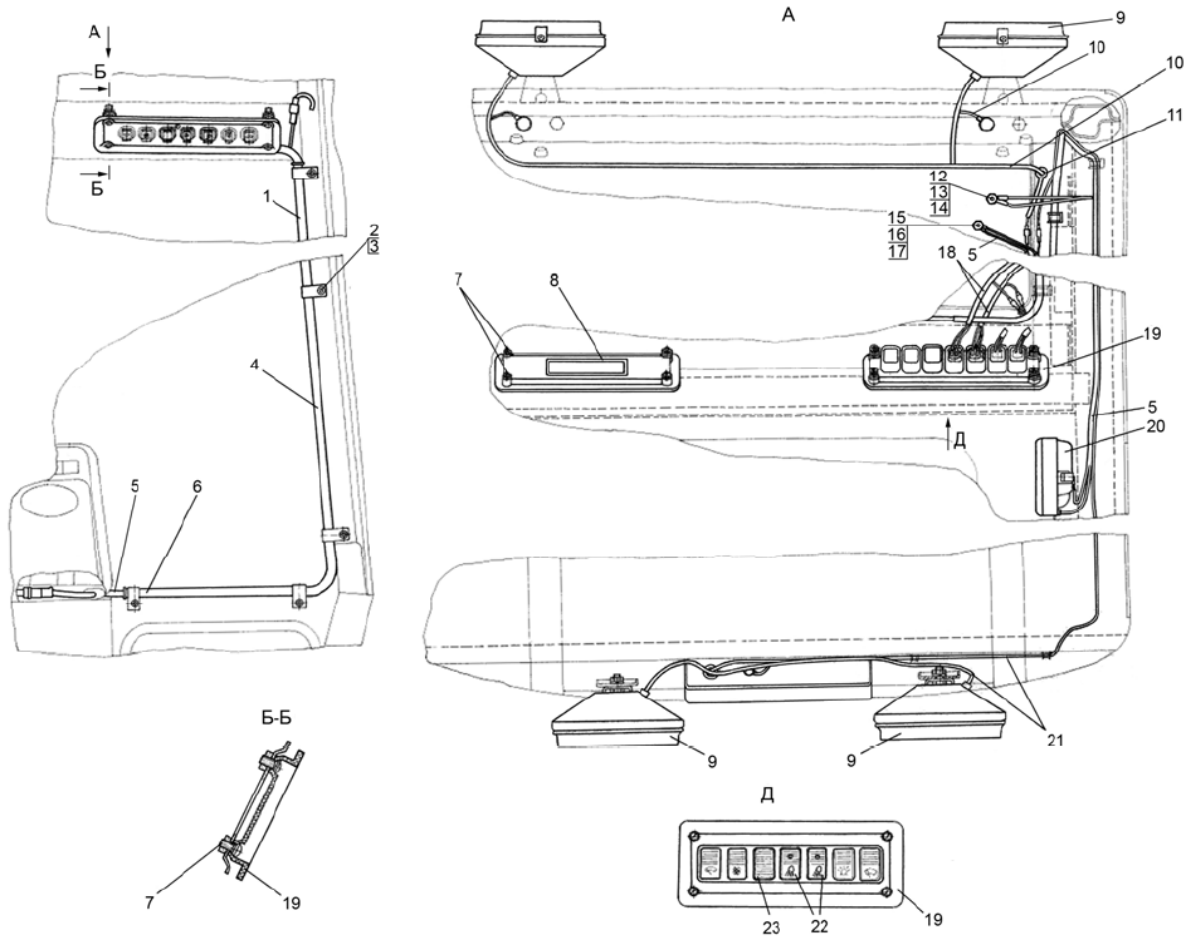


Figure 37.14. Working light assembly (for Belarus-82П tractor)

Group 37. Electric equipment
Subgroup 3723, 3724. Working light assembly (for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.14		82П-3700110	1	Working light assembly
	1	80-3723010	1	Chute
	2	BM6x12	5	Screw
	3	ШП 6	5	Washer
	4	80-3723020	1	Chute
	5	80-3724351-Г1	1	Bundle
	6	80-3723015	1	Chute
	7	BM6x12	8	Shield
	8	80-7901018	1	Guard
	9	8724.31.06	4	Working lights
	10	80-3724232-Б	1	Bundle
	11	70-3723042-02	2	Bushing
	12	M8x14	1	Bolt
	13	M8	1	Nut
	14	ШП 8	1	Washer
	15	M6x25	1	Bolt
	16	M6	2	Nut
	17	ШП 6	2	Washer
	18	80-3724231-Б	2	Bundle
	19	80-3801342	1	Dashboard
	20	111.3714	1	Dome light
	21	82П-3724231-A	1	Bundle
	22	П150М-25.52	2	Switch
23	80-3801327	1	Choke	

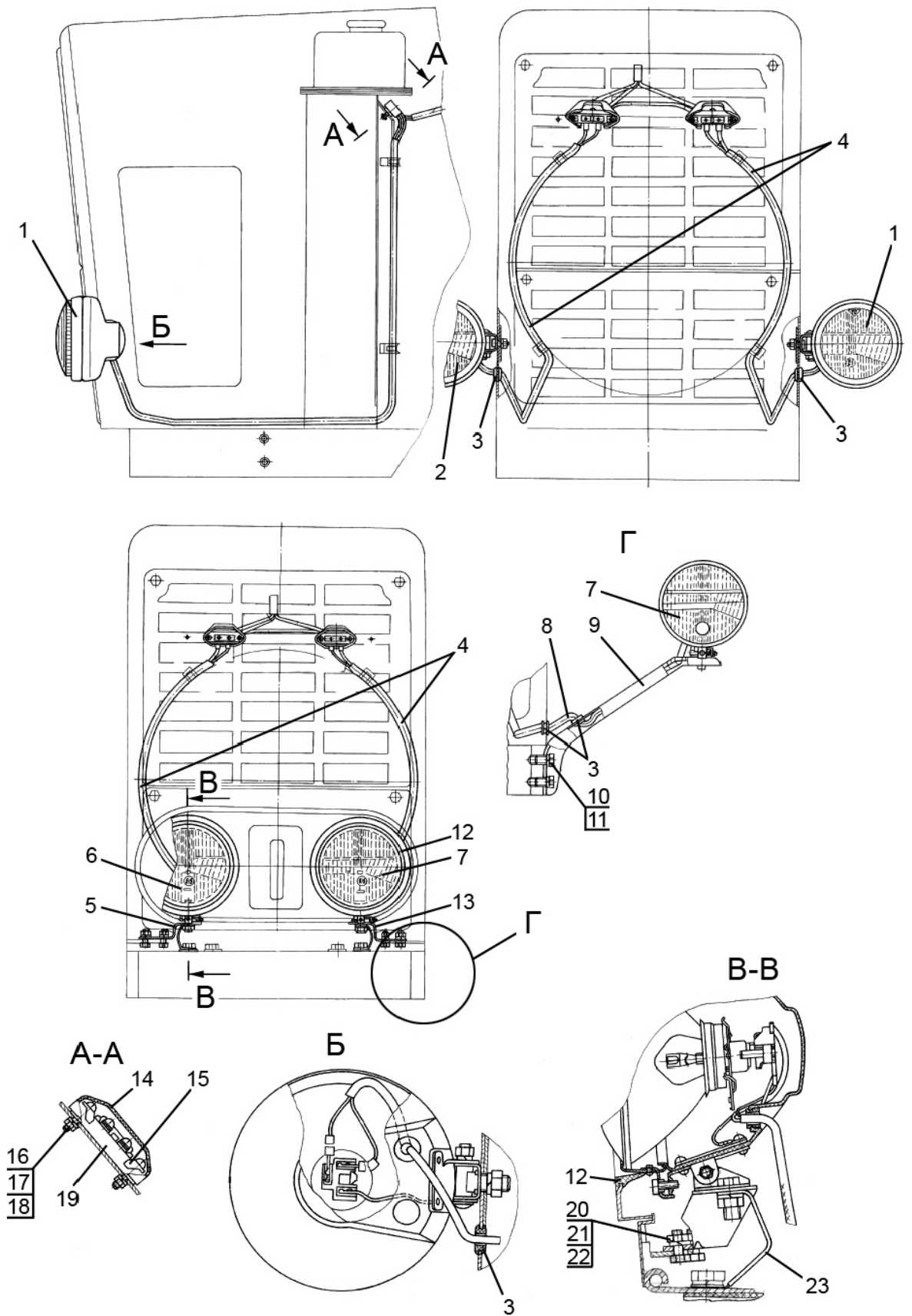


Figure 37.15. Road light assembly

Note to Figure 37.14

Designation	Note
80-3700020B	Outboard headlights
80-3700020B-01	Built-in headlights (for Belarus-82II tractor)
80-3700020B-02	Headlights on brackets

Group 37. Electric equipment
Subgroup 3723. Road light assembly

Figure No.	Pos. No.	Assembly or part number	Quantity per version 80-3700020B-			Description
			-	01	02	
37.15		80-3700020B or 80-3700020B-01 or 80-3700020B-02	1	1	1	Road light assembly
	1	8703.302/01-02	1			Headlight
	2	8703.302/1-02	1			Headlight
	3	70-3723042-01	2		4	Bushing
	4	80-3724025B-01	2	2		Bundle
	5	80-3711013-02		1		Bracket
	6	8703.302/1-01		1	1	Headlight
	7	8703.302/01-01		1	1	Headlight
	8	80X-3724025			2	Bundle
	9	80-3711010			2	Bracket
	10	50X-8406037			4	Bolt
	11	IIII 16			4	Washer
	12	50-3711014		2		Seal
	13	80-3711013-03		1		Bracket
	14	70-3723036-01	2	2	2	Cover
	15	80-3723056	4	4	4	Slat
	16	BM5x22	4	4	4	Screw
	17	M5	4	4	4	Nut
	18	IIII 5	4	4	4	Washer
	19	II14.3723	2	2	2	Panel
	20	M8x16		4		Bolt
	21	M8		4		Nut
	22	IIII 8		4		Washer
23	80-3724016		2		Cable	

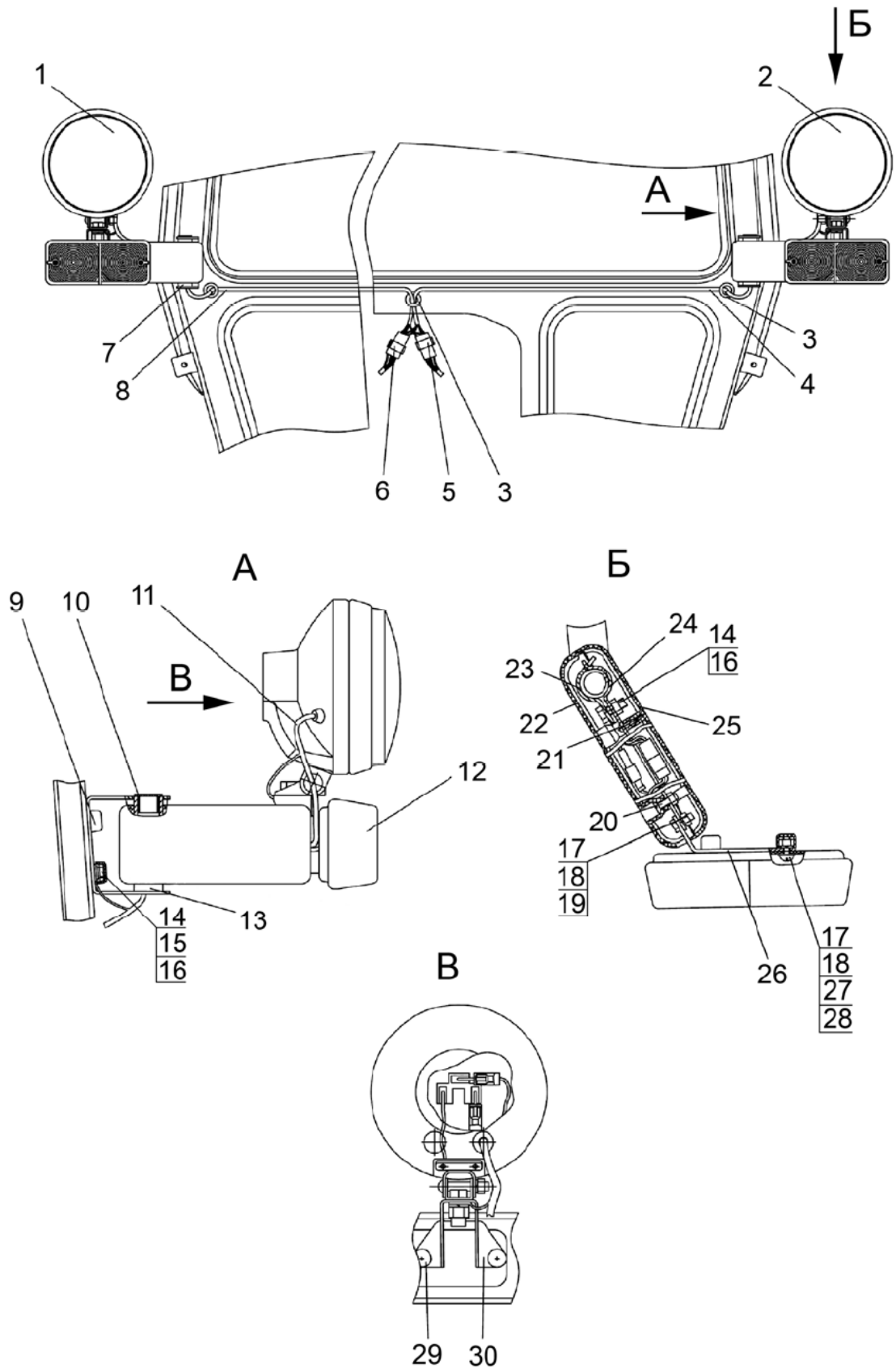


Figure 37.16. Assembly of the front lights with road headlights (for Belarus-82П tractor)

Group 37. Electric equipment

Subgroup 3723. Assembly of the front lights with road headlights (for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.16	1	8703.302/1-01	1	Right-hand road headlight
	2	8703.302/01-01	1	Left-hand road headlight
	3	70-3723042-02	3	Bushing
	4	920-3724131-A	1	Bundle
	5	502604	1	Male connector
	6	602604	1	Female connector
	7	920-3712025-Б-01	1	Bracket
	8	920-3724132-A	1	Bundle
	9	A30.04.017-01	4	Cap
	10	36-4603079-Б2	2	Choke
	11	920-3724141	2	Bundle
	12	3712.10	1	Front light with side repeater
	13	920-3712025-Б	1	Bracket
	14	M8x20	8	Bolt
	15	ШПЧ 8	4	Washer
	16	ШПН 8	8	Washer
	17	ШПН 6	8	Washer
	18	M6	8	Nut
	19	M6x18	4	Bolt
	20	BM6x20	4	Screw
	21	4x10	8	Screw
	22	920-3712021	2	Cover
	23	920-3712013	2	Clamp
	24	920-3712010	2	Bracket
	25	920-3712022	2	Cover
	26	920-3712012	2	Bracket
	27	BM6x18	4	Screw
	28	ШПЧ 6	4	Washer
	29	A30.04.017	4	Cap
	30	920-3711011	2	Bracket

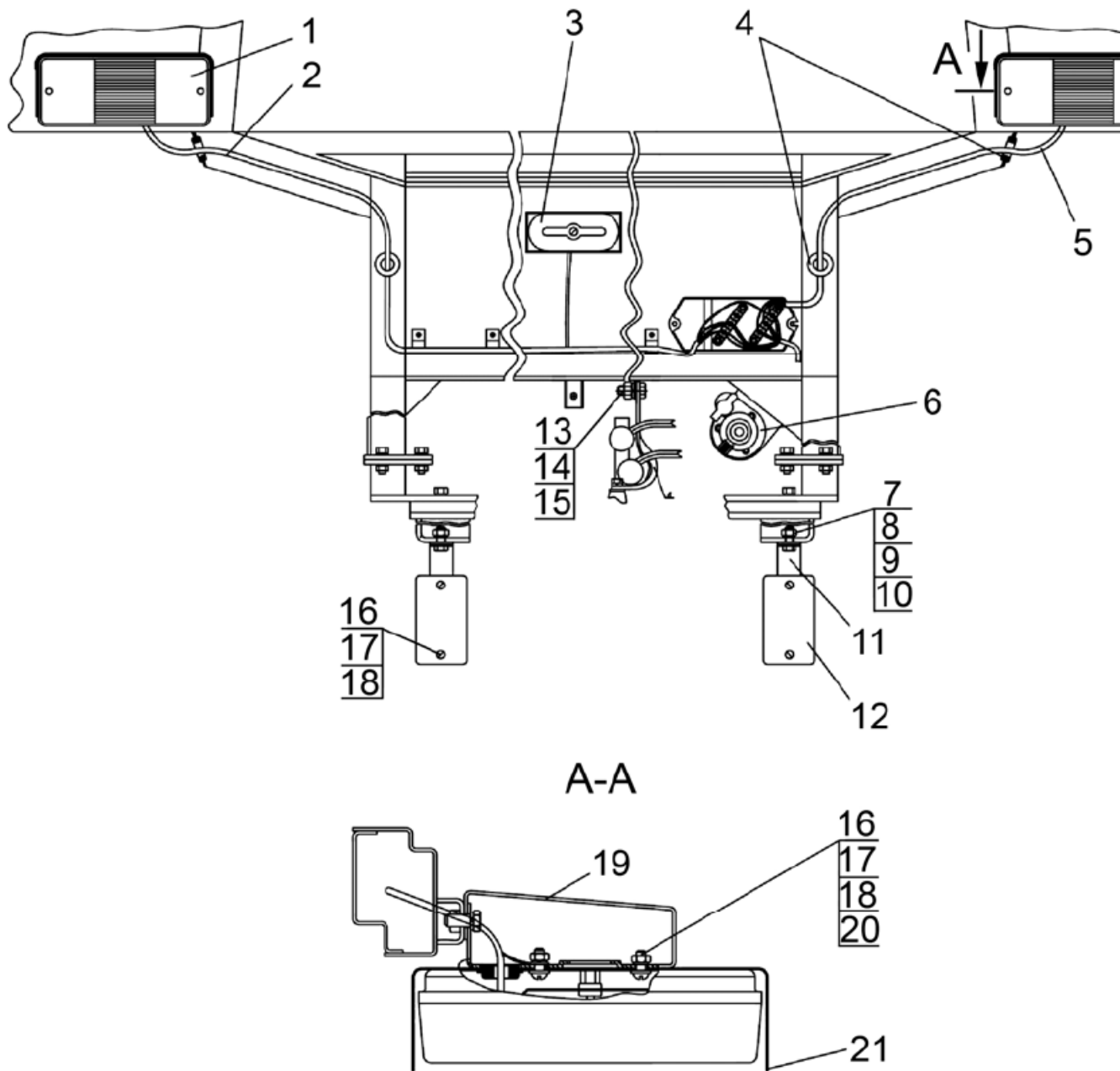


Figure 37.17. Rear light assembly (except for Belarus-82II tractor)

Group 37. Electric equipment

Subgroup 3724. Rear light assembly (except for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.17	1	3716.10	2	Rear light
	2	85-3724163	1	Bundle (with metallic shells)
		920-3724163	1	Bundle (with plastic shells)
	3	3717.10	1	Number plate lighting lamp
	4	70-3723042-02	4	Bushing
	5	85-3724162	1	Bundle (with metallic shells)
		920-3724162	1	Bundle (with metallic shells)
	6	3723.10	1	Trailer receptacle
	7	M10x25	2	Bolt
	8	M10	2	Nut
	9	ШПЧ 10	2	Washer
	10	ШПП 10	2	Washer
	11	Φ50-3731011	2	Bracket
	12	3731.10	2	Cat's eye
	13	M12x25	1	Bolt
	14	M12	1	Nut
	15	ШПП 12	1	Washer
	16	BM6x18	8	Screw
	17	M6	8	Nut
	18	ШПП 6	8	Washer
	19	85-3716012	2	Bracket
20	ШПЧ 6	2	Washer	
21	85-3716015	2	Cover	

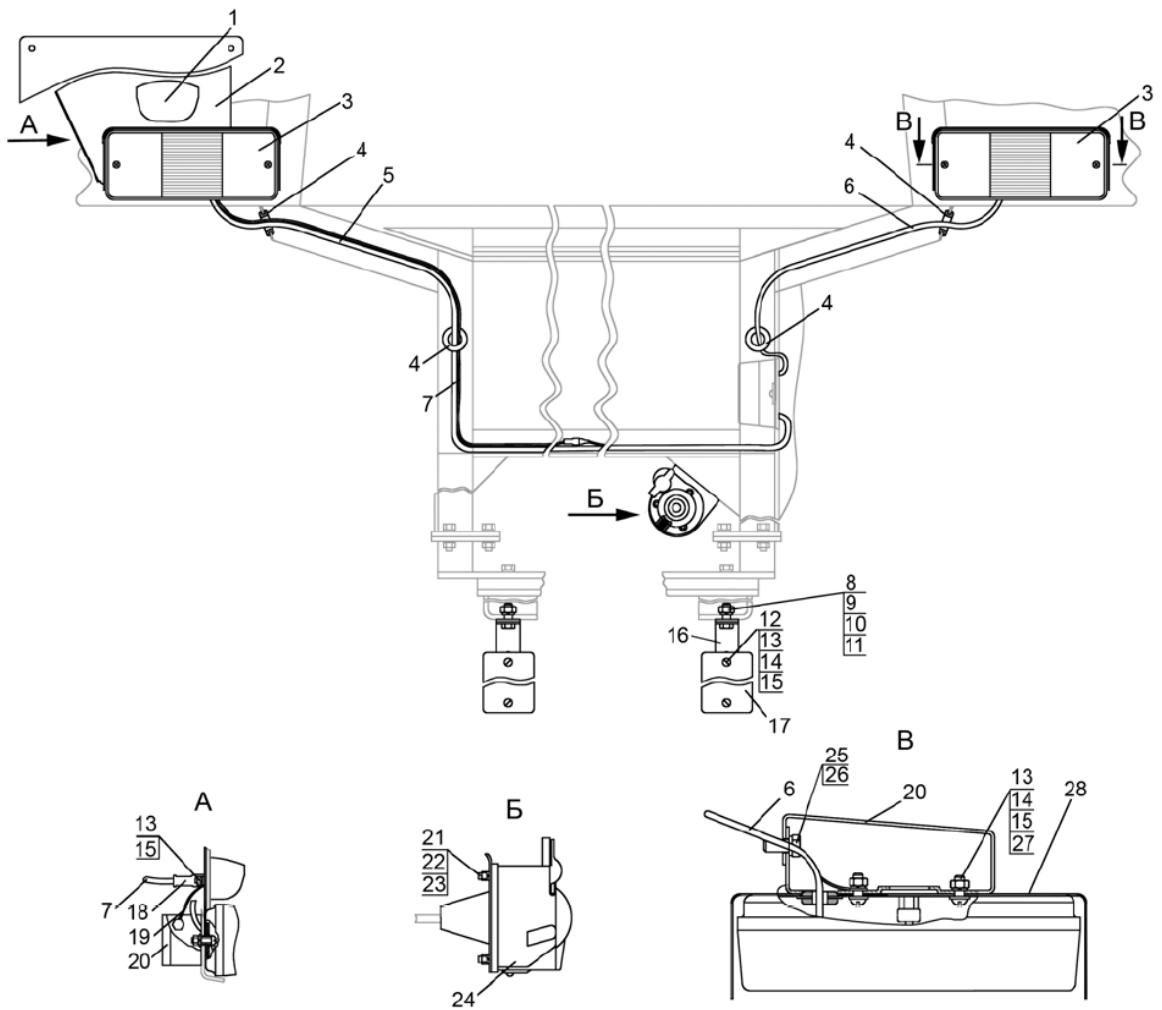


Figure 37.18. Rear light assembly (for Belarus-82П tractor)

Group 37. Electric equipment
Subgroup 3724. Rear light assembly (for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.18		82П-3700060	1	Rear light assembly (1-28)
	1	112.00.05-01	1	Number plate light
	2	923-3716011	1	Bracket
	3	7303.3716	2	Rear light
	4	70-3723042-01	4	Bushing
	5	85-3724163	1	Bundle
	6	85-3724162	1	Bundle
	7	80-3724224	1	Cable
	8	M10x25	2	Bolt
	9	M10	2	Nut
	10	ШПЧ 10	2	Washer
	11	ШПП 10	2	Washer
	12	BM6x16	4	Screw
	13	M6	10	Nut
	14	ШПЧ 6	8	Nut
	15	ШПП 6	10	Washer
	16	Φ50-3731011	2	Bracket
	17	3202.3731	2	Cat's eye
	18	70-3723035	1	Terminal
	19	80-3724134	1	Cable
	20	85-3716012	2	Bracket
	21	BM5 x 35	3	Screw
	22	M5	3	Nut
	23	ШПП 5	3	Washer
	24	P9-1	1	Receptacle
	25	M8x16	4	Bolt
	26	ШПП 8	4	Washer
	27	BM6x25	4	Screw
28	85-3716015	2	Cover	

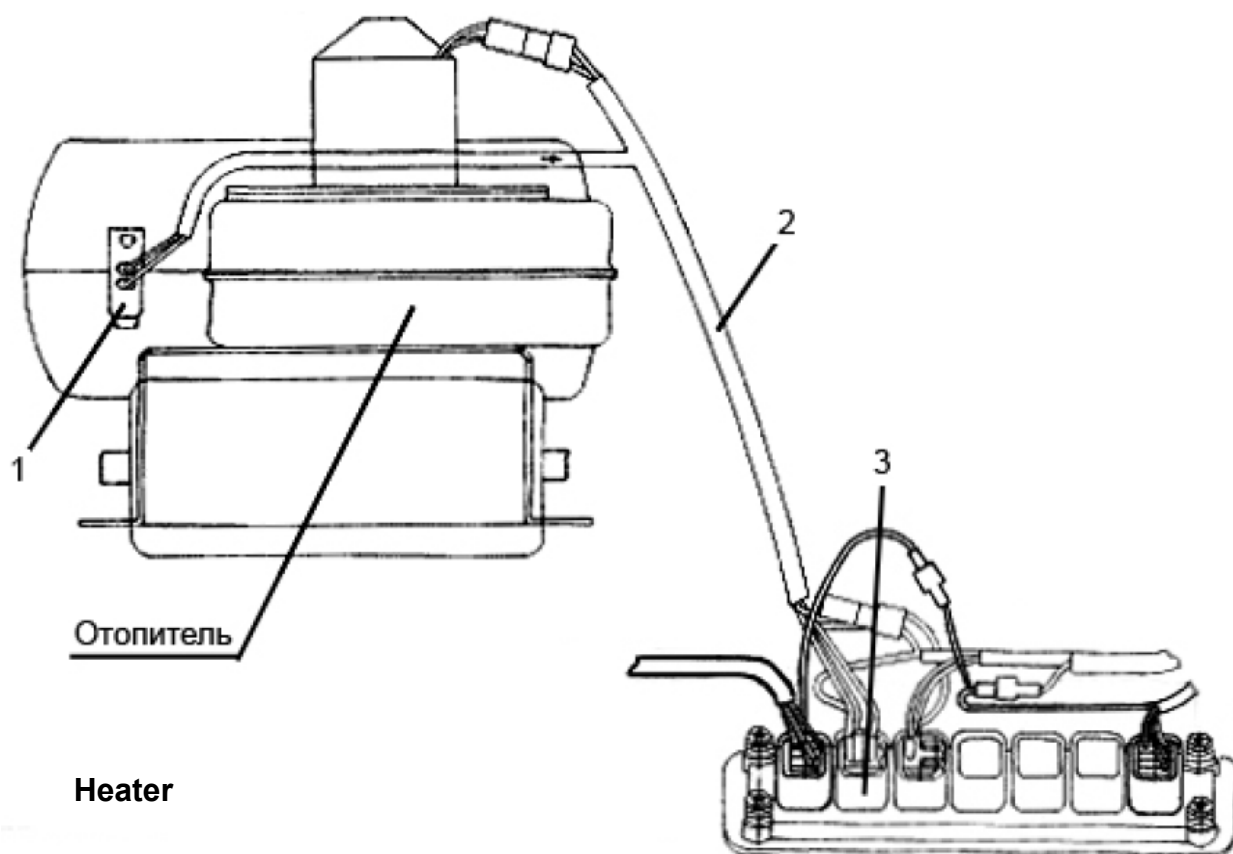


Figure 37.19. Electric equipment of the heater

Group 37. Electric equipment
Subgroup 3724. Electric equipment of the heater

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.19	1	11.3729	1	Additional resistor
	2	80-3724353	1	Bundle
	3	П147М-04.11	1	Switch

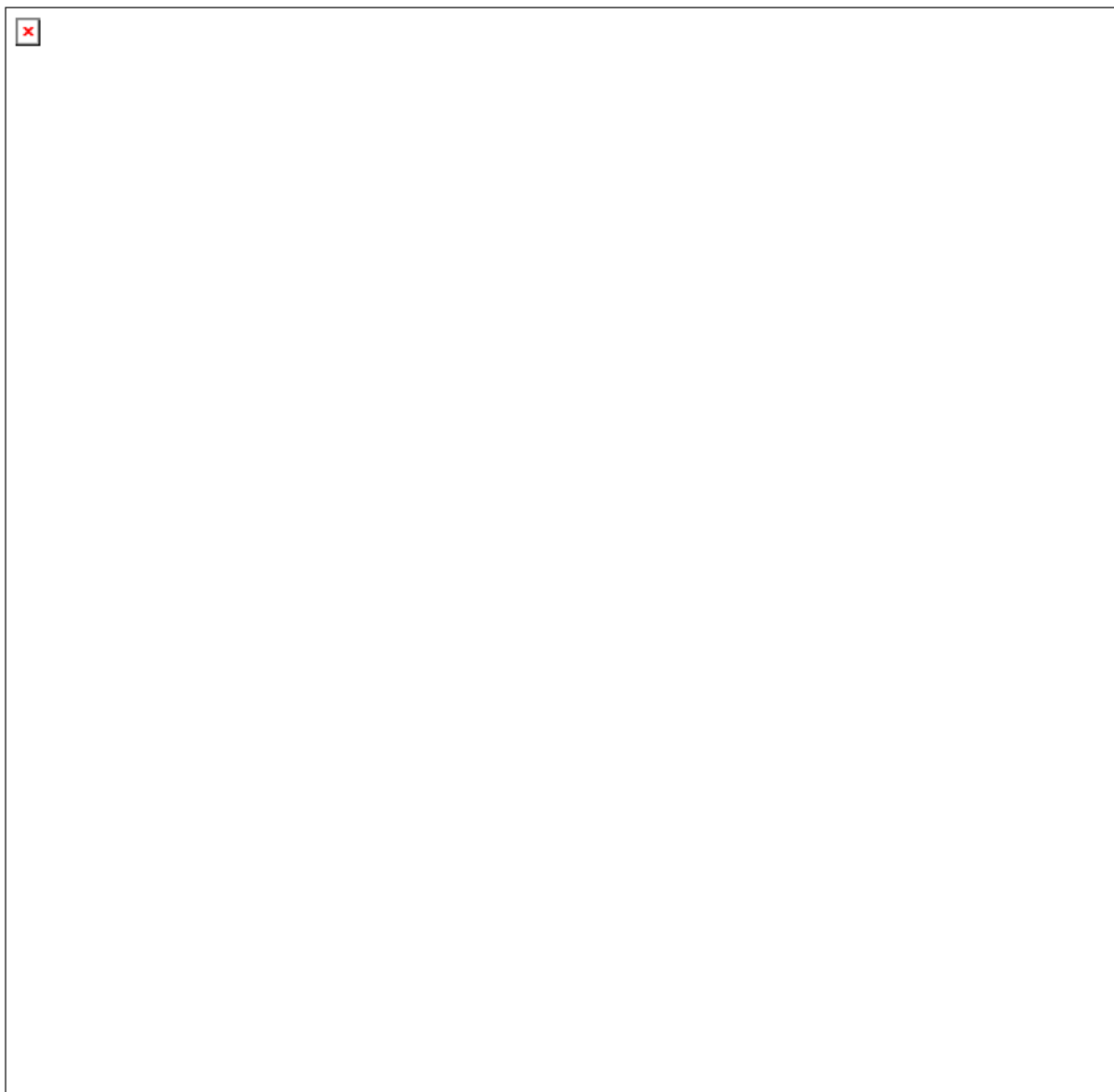


Figure 37.20. Signalling beacon assembly

Group 37. Electric equipment
Subgroup 3738. Signalling beacon assembly

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
37.20		80-3738010	1	Signalling beacon assembly (1-13)
	1	MC-2-12-0	1	Signalling beacon
	2	M6x25	3	Bolt
	3	M6	3	Nut
	4	ШП 6	3	Washer
	5	ШП 6	3	Washer
	6	320-3738005	1	Bracket
	7	BK343M-01.88	1	Switch
	8	M8x45	1	Bolt
	9	M8	1	Nut
	10	ШП 8	1	Washer
	11	A30.04.051	1	Clamp
	12	80-3723045	2	Cup
13	80-3724234	1	Bundle	

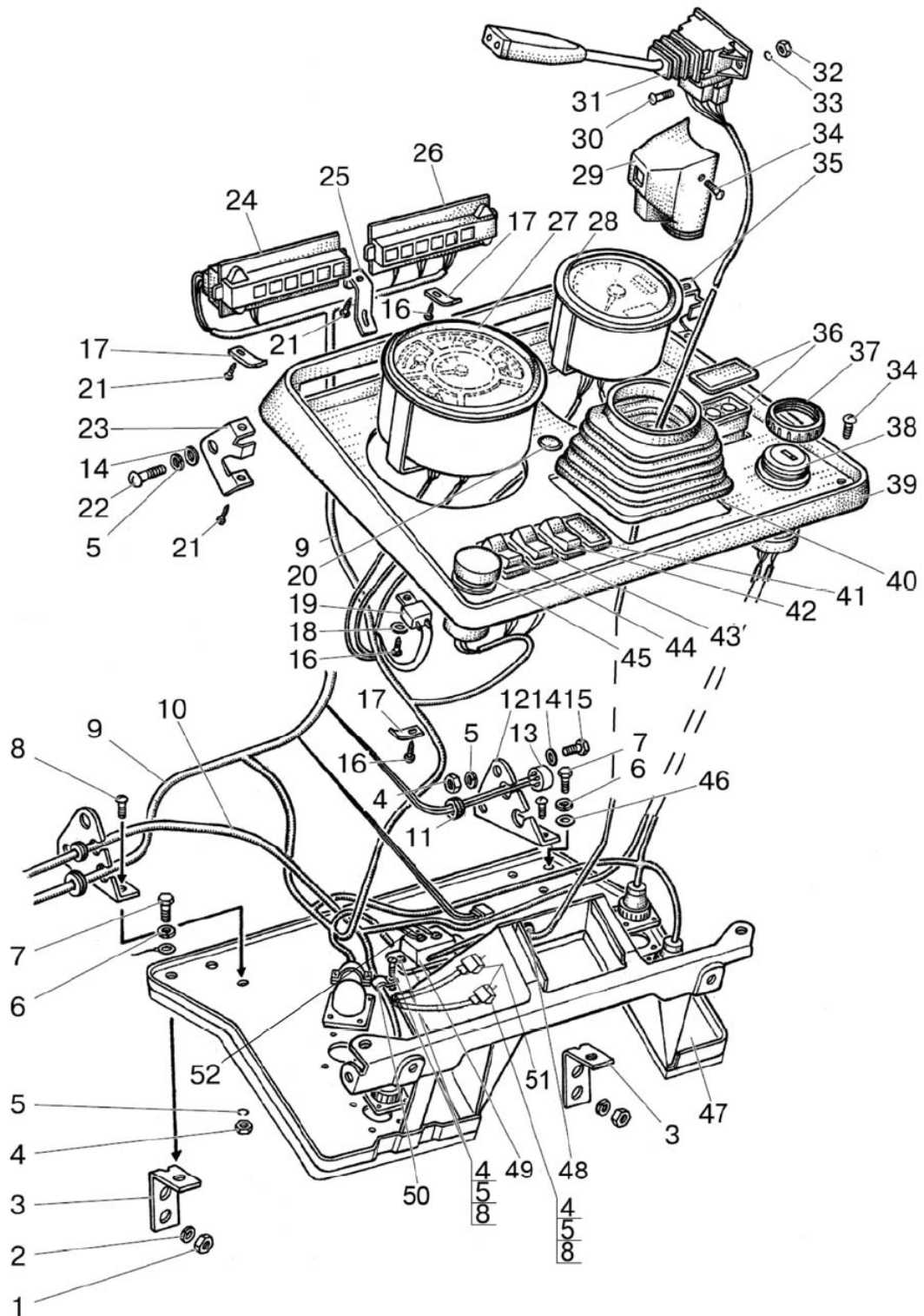


Figure 38.1. Base, instrumentation

Group 38. Instrumentation
Subgroup 3805. Base, instrumentation

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
38.1		80-3805010-Д1	1	Dashboard (1-52 (Fig.38.1), 1-33 (Fig. 38.2))
	1	M10	2	Nut
	2	ШП 10	2	Washer
	3	80-3805030	2	Bracket
	4	M6	11	Nut
	5	ШП 6	13	Washer
	6	ШП 8	2	Washer
	7	M8x16	2	Bolt
	8	BM6x12	9	Screw
	9	80-3724395-Г	1	Bundle
	10	80-3724512-В1	1	Bundle
		82П-3724317	1	Bundle
		70-3723042-01	1	Bushing
	12	80-3805043	1	Bracket
	13	3747.15	1	Parking brake lamp relay
	14	ШП 6	6	Washer
	15	M6x16	4	Bolt
	16	4x10	4	Screw
	17	80-3723026	4	Clamp
	18	ШП 5	1	Washer
	19	3747.20	1	Signalling relay
	20	80-3805064	1	Choke
	21	4x16	7	Screw
	22	BM6x18	2	Screw
	23	80-3805035-01	1	Bracket
	24	3808.15	1	Pilot lamp unit
	25	80-3805015	1	Bracket
	26	3803.10	1	Pilot lamp unit
	27	3801.15	1	Combination meter КИ-5
	28	3813.10	1	Tachospeedometer
	29	80-3709023-В	1	Cover (with the switch ПКИ-1 or ПКИ-1А)
		80-3709023	1	Cover (with the switch 3912.3769 or 3912.3769-01)
	30	BM5x12	2	Screw
	31	ПКИ-or ПКИ-1А**	1	Switch-wheel-mounted switch (with the cover 80-3709023-В)
		3912.3769 or 3912.3769-1**	1	Switch-wheel-mounted switch (with the cover 80-3709023)
	32	M5	2	Nut
	33	ШП 5	2	Washer
	34	BM6x12	4	Screw
	35	80-3805035	1	Bracket
	36	3813.15	1	Control panel
37	80-3805014	1	Nut	
38	3710.45	1	Starter and instrumentation switch	
39	80-3805021-В	1	Dashboard	
40	80-3805012-В	1	Seal	

* for Belarus-82П tractor

** with three-arm steering wheel

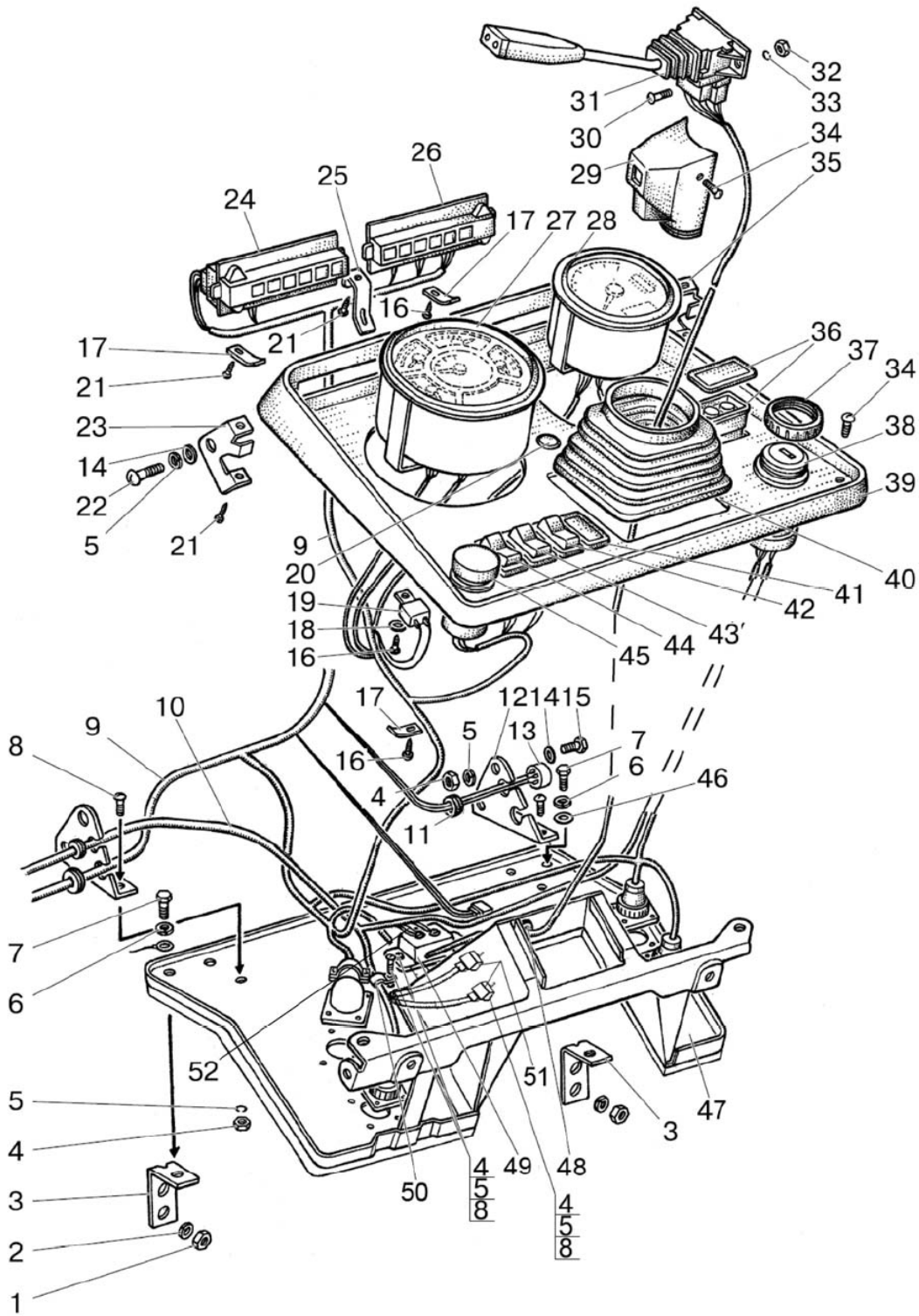


Figure 38.1 Base, instrumentation

Group 38. Instrumentation
Subgroup 3805. Base, instrumentation

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
38.1	41	80-3801327	1	Choke
		3710.55*	1	Battery disconnection switch
	42	3710.50	1	Starting aid switch
	43	3710.50	1	Windscreen washer switch
	44	3709.20	1	Light switch
	45	3710.10	1	Fault signalling switch
	46	ШПЧ 8	1	Washer
	47	80-3805050-Б1-02	1	Base
	48	50-4607064	1	Bushing
	49	3741.20	1	Additional resistor
	50	80-3723036	1	Clamp
	51	3747.50	2	NO relay 30 ^a
52	80-3724610-Б	1	Bundle	

* for Belarus-82II tractor

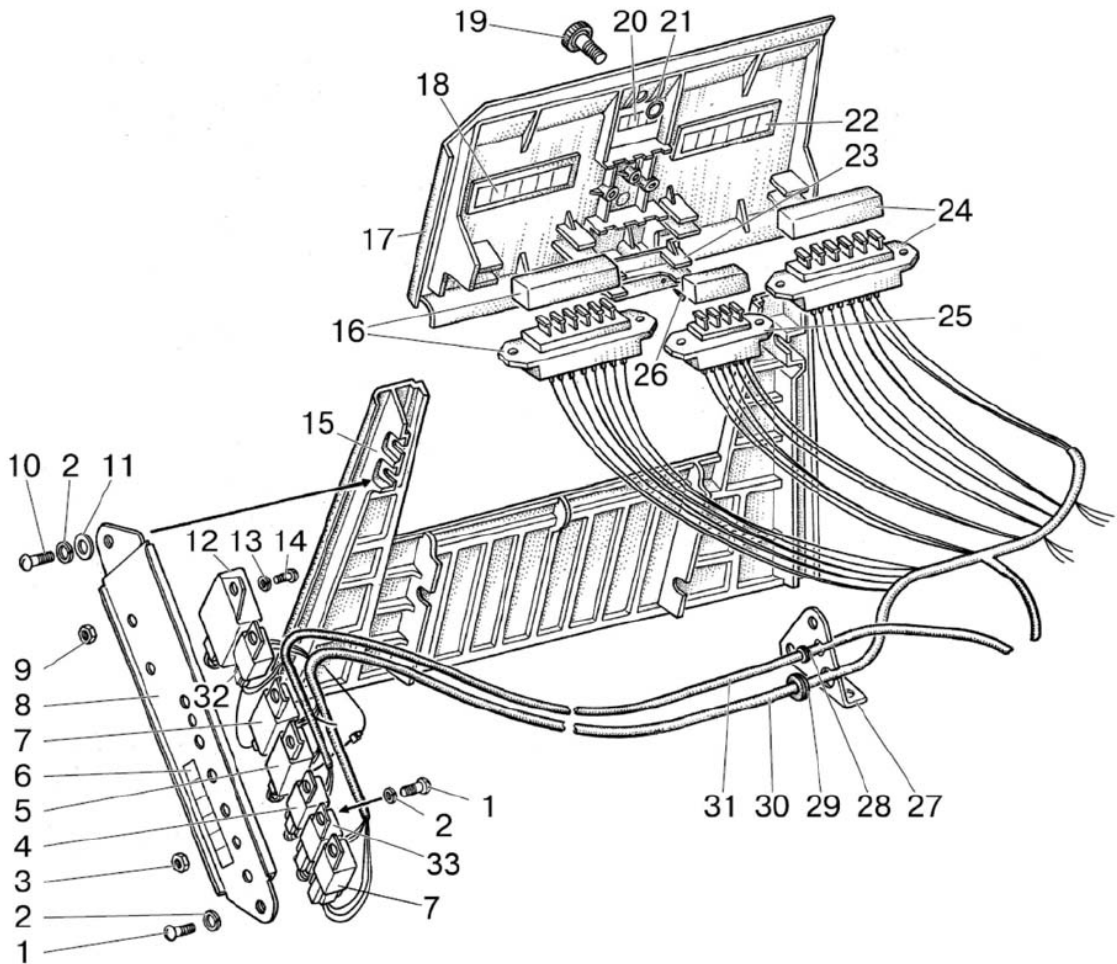


Figure 38.2. Wall, cover

**Group 38. Instrumentation
Subgroup 3805. Wall, cover**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
38.2	1	BM6x12	5	Screw
	2	ШШ 6	6	Washer
	3	M6	4	Nut
	4	3747.25		Starter relay
	5	3747.40		NC relay 20 A
	6	80-3805025-Г		Data plate
	7	3747.50	2	NO relay 30 A
	8	80-3805070	1	Panel
	9	M5	1	Nut
	10	BM6x18	1	Screw
	11	ШШ 6	1	Washer
	12	3747.10	1	Turn indicator flasher
	13	ШШ 5	1	Washer
	14	BM5x16	1	Screw
	15	80-3805041	1	Wall
	16	3722.15	1	Fuse block
	17	80-3805061	1	Cover
	18	80-3805027-B	1	Data plate
	19	80-3805065	1	Screw
	20	80-3805037-Г	1	Data plate
	21	006-010-25-1-4	1	Ring
	22	80-3805026	1	Data plate
	23	ИКСУ 741134.002	1	Holder
	24	3722.10	1	Fuse block
	25	3722.35	1	Fuse block
	26	4x10	2	Screw
	27	80-3805043	1	Bracket
	28	70-3723042-01	1	Bushing
	29	70-3723042-02	1	Bushing
	30	80-3724395-Г	1	Bundle
	31	80-3724512-B1	1	Bundle
	32	3747.30	1	Instrumentation supply relay
	33	3741.15	1	Pre-heater control unit

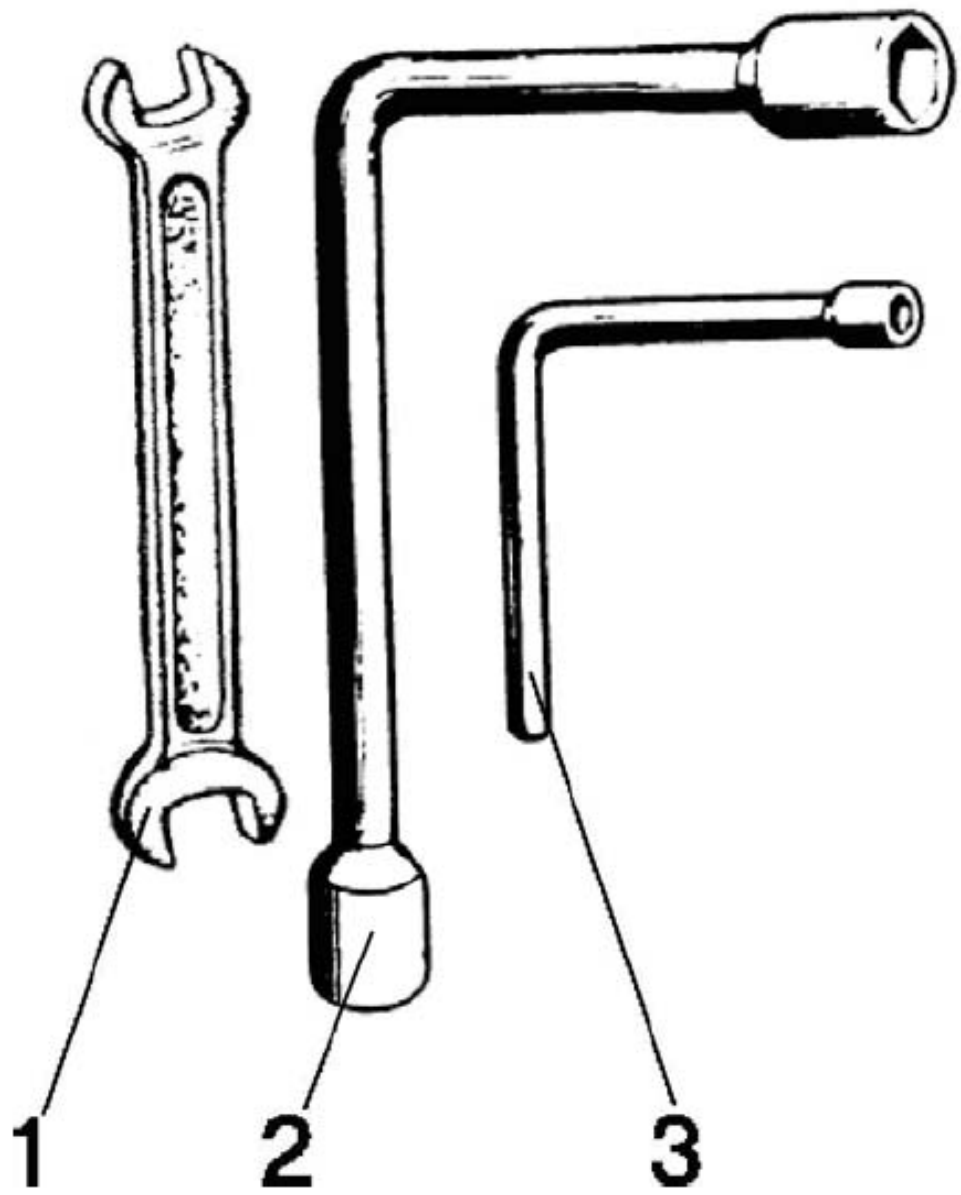


Figure 39.1. Operator tools

Group 39. Tools and accessories
Subgroup 3901. Operator tools

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
39.1	1	70-3901038	1	Wrench 41x46
	2	70-3901027	1	Socket wrench S=27x37
	3	50-3901026	1	Socket wrench S=12

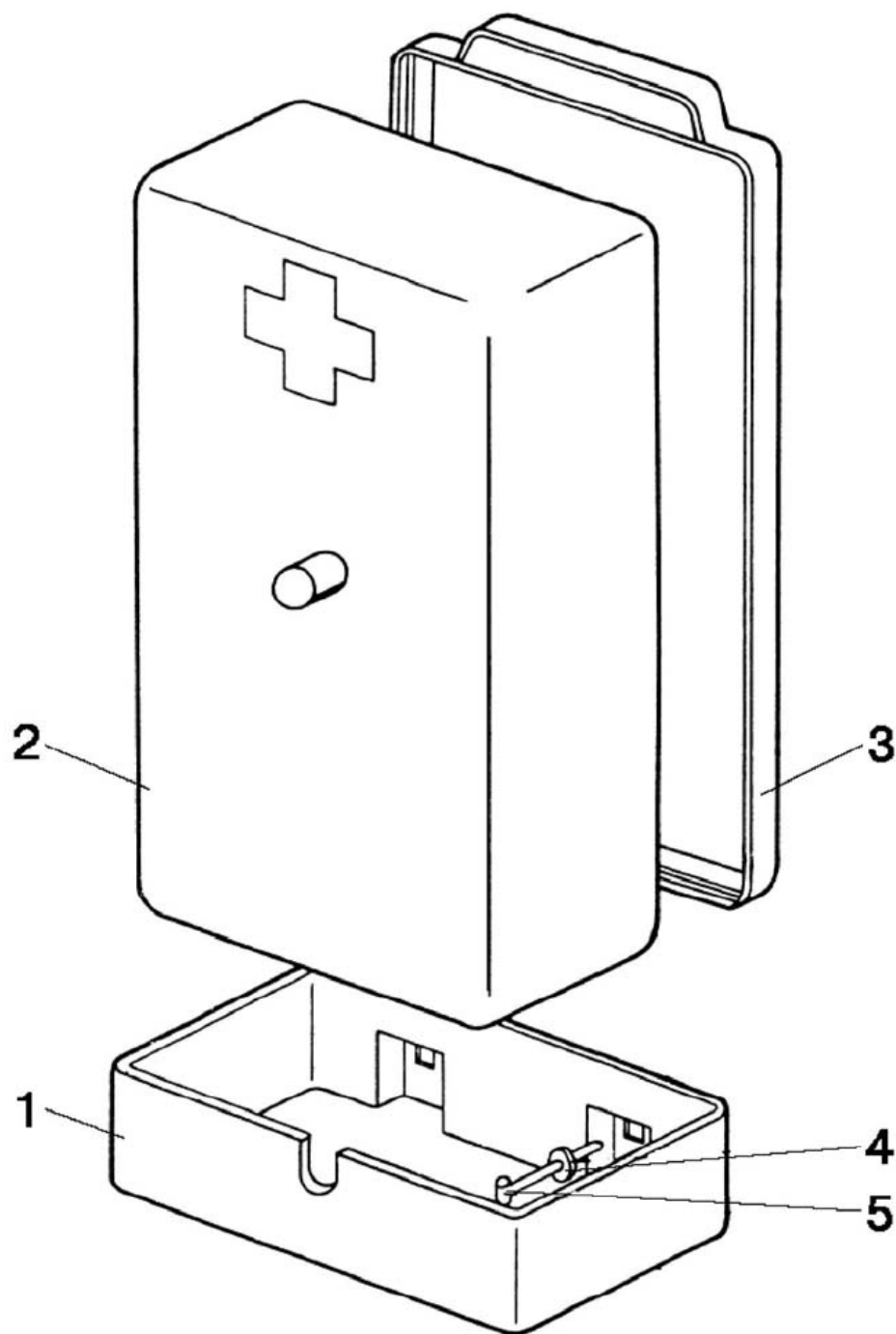


Figure 39.2. First-aid kit

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

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
39.2	1	70-3912153-A	1	Bracket
	2	70-3912152	1	Casing
	3	70-3912151	1	Cover
	4	ШПЧ 6	3	Washer
	5	70-3723033	3	Clamp

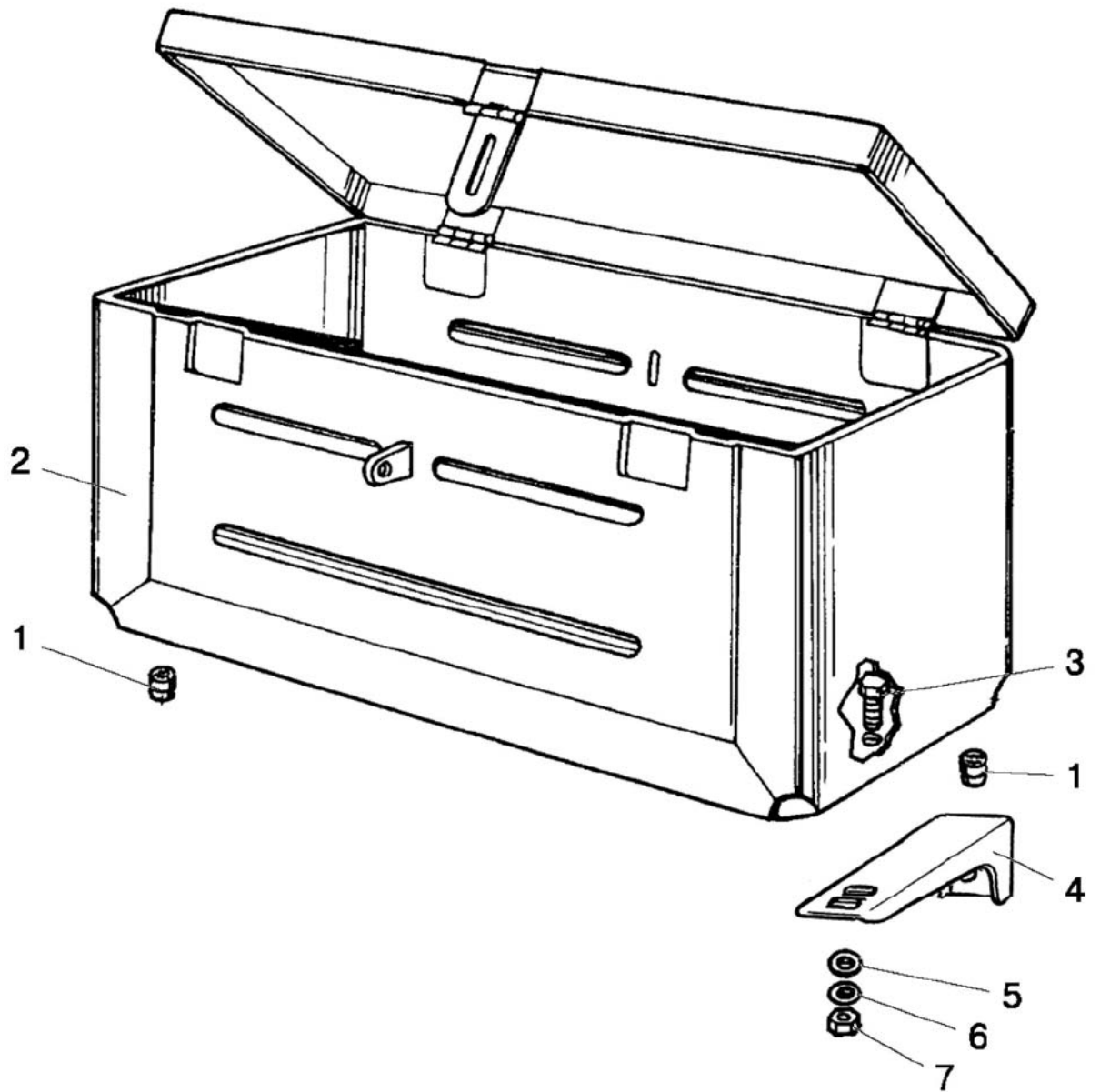


Figure 39.3. Tool box

Group 39. Tools and accessories
Subgroup 3919. Tool box

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
39.3	1	50-8400018	4	Stop
	2	70-3919110	1	Box
	3	M8x16	2	Bolt
	4	80-3919106	2	Bracket
	5	ШПЧ 8	2	Washer
	6	ШПН 8	2	Washer
	7	M8	2	Nut

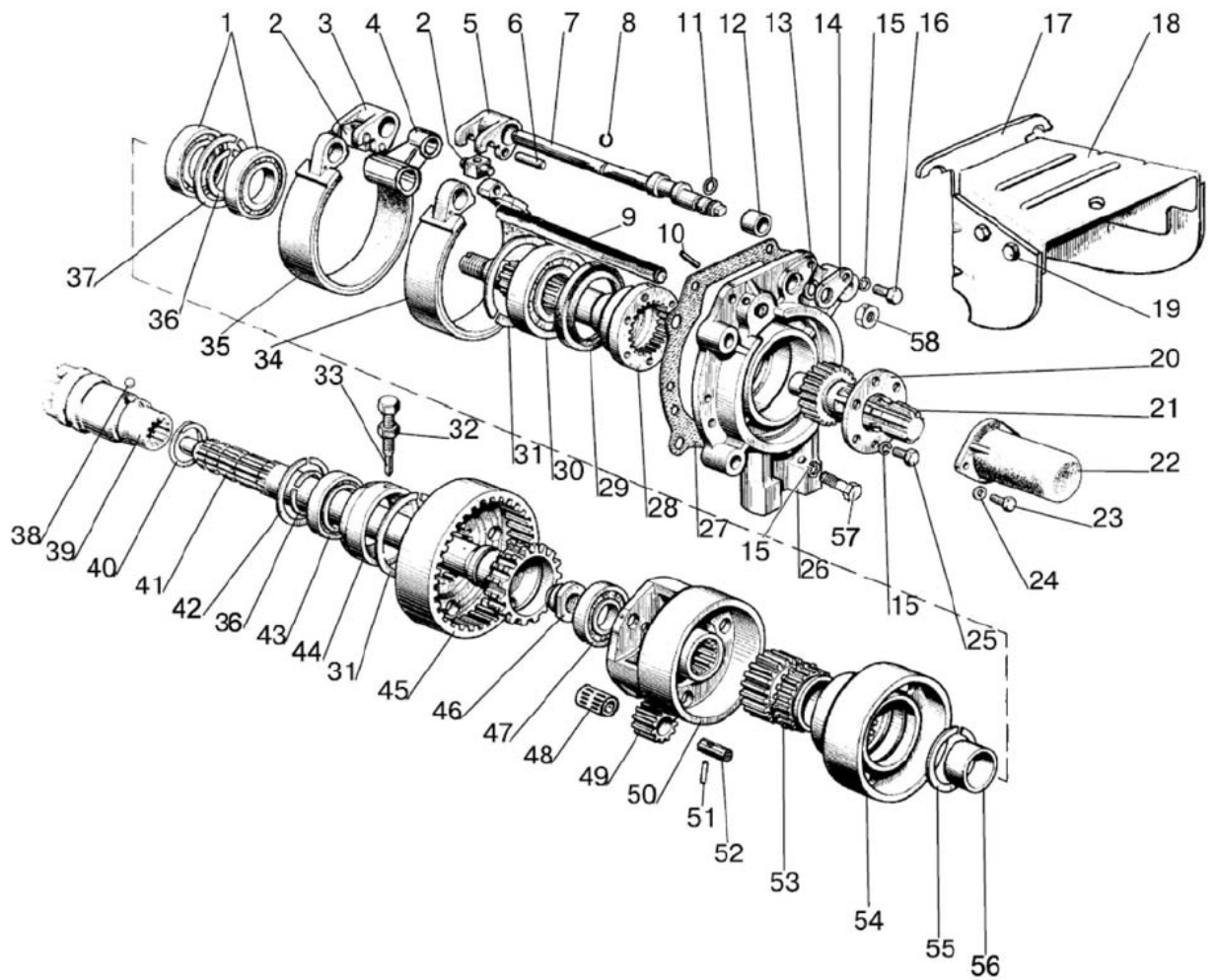


Figure 42.1. Rear power takeoff

**Group 42. Power takeoff
Subgroup 4202. Rear power takeoff**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
42.1		85-4202010	1	Rear power takeoff	
		85-4202020	1	Cover (1-16, 20, 21, 25-31, 34-37, 46-56)	
		70-4202030-A	1	Crown gear (36, 38-45)	
	1	209A	2	Bearing	
	2	50-4202078	2	Pin	
	3	50-4202074	1	Lever	
	4	50-4202058	1	Bracket	
	5	85-4202074	1	Lever	
	6	ШПЦК 8x36	2	Pin	
	7	80-4202076	1	Shaft	
	8	54.38.619	1	Ring	
	9	70-4202072Б	1	Axle	
	10	A.8 x 20.65Г	1	Pin	
	11	014-018-25-2-2	1	Ring	
	12	80-4202082	1	Bushing	
	13	C18	1	Ring	
	14	85-4202079	1	Plate	
	15	10 OT	12	Washer	
	16	M10x40	1	Bolt	
	17	80-4202091	1	Guard	
	18	80-4202092	1	Cover	
	19		M8x16	4	Bolt
			M8	4	Nut
			8Г	4	Washer
			C 8.01.019	4	Washer
	20	80-4202081-A	1	Plate	
	21		80-4202019Б	1	Shank (8 splines)
			80-4202019Б-01	1	Shank (6 splines) (optionally)
			80-4202019Б-02	1	Shank (21 splines) (optionally)
	22	50-4202065-A	1	Hood	
	23	M8x16	2	Bolt	
	24	8Г	2	Washer	
	25	M10x18	6	Bolt	
	26	80-4202042-Б	1	Cover	
	27	50-4202092A	1	Gasket	
	28	80-4202017-Б	1	Shaft	
	29	2.2-80 x 105-1	1	Cup	
	30	60310A	1	Bearing	
	31	2C110	2	Ring	
	32	M12x1.25	1	Nut	
	33	50-4202068	1	Setting screw	
	34	85-4202100	1	Band with strap 85-4202056 (ТИИР 430)	
	35	85-4202100-01 or 85-4C20100-02	1	Band with strap 85-4202057 (ТИИР 430) or band with strap 85-4202057-A7 (ITB 2842)	
36	2C50	2	Ring		
37	2C85	1	Ring		
38	7,938-100	1	Ball		
39	50-4202046-Б	1	Shift collar		
40	A61.03.002	1	Ring		
41	70-4202044-Б	1	Shaft		
42	2C90	1	Ring		
43	210 AVIII1	1	Bearing		

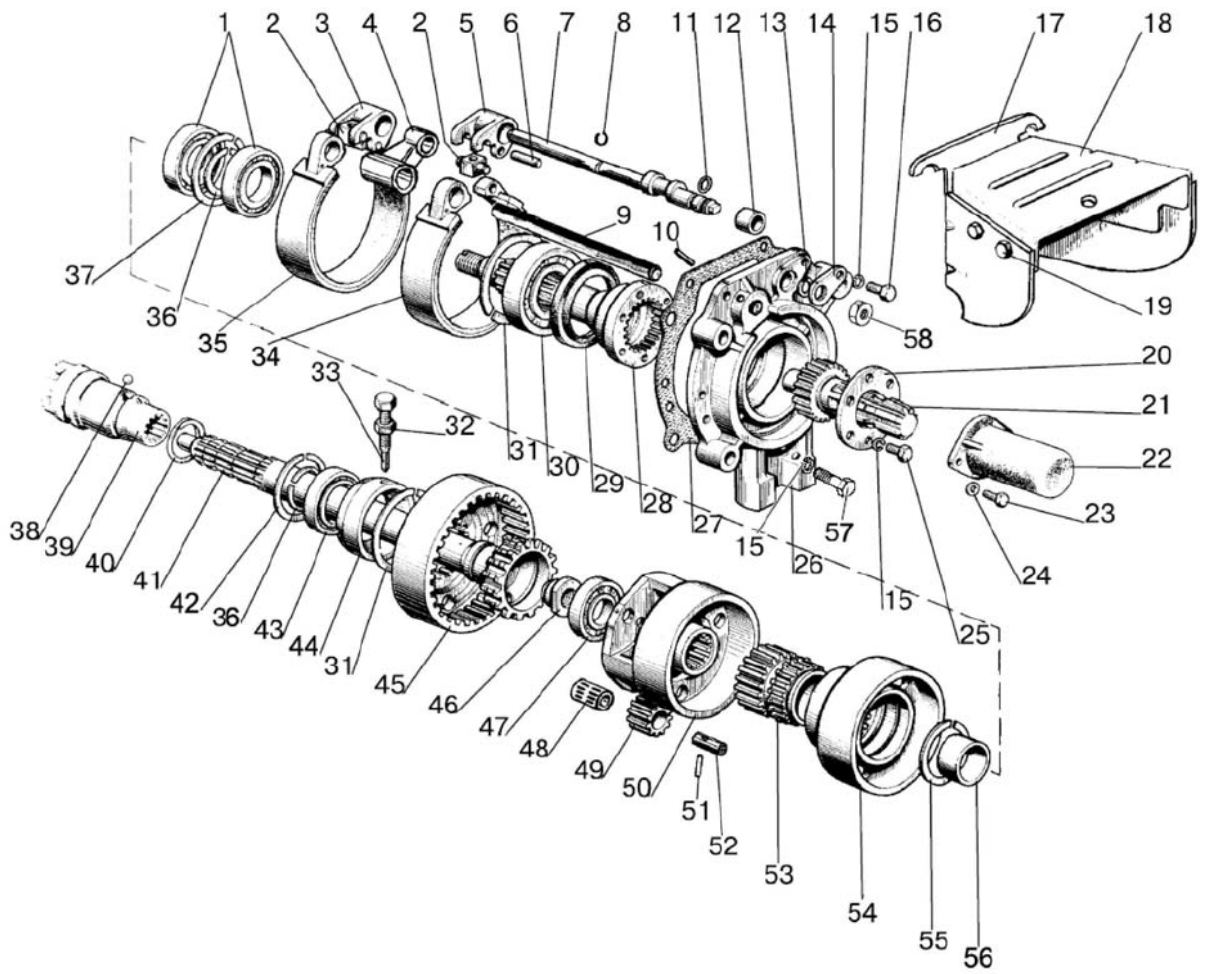


Figure 42.1. Rear power takeoff

**Group 42. Power takeoff
Subgroup 4202. Rear power takeoff**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
42.1	44	50-4202066-A	1	Cage
	45	70-4202043	1	Crown gear
	46	70-4202083-A	1	Nut
	47	208A	1	Bearing
	48	KK20x26x34E	3	Bearing
	49	70-4202024	3	Planetary gear
	50	85-4202065	1	Carrier
	51	70-4202431	3	Pin
	52	70-4202026	3	Planetary gear shaft
	53	70-4202032	1	Sun gear
	54	85-4202033	1	Drum
	55	2C68	1	Ring
	56	70-4202077	1	Bushing
	57	M10x35	5	Bolt
58	M 16x1.5	4	Nut	

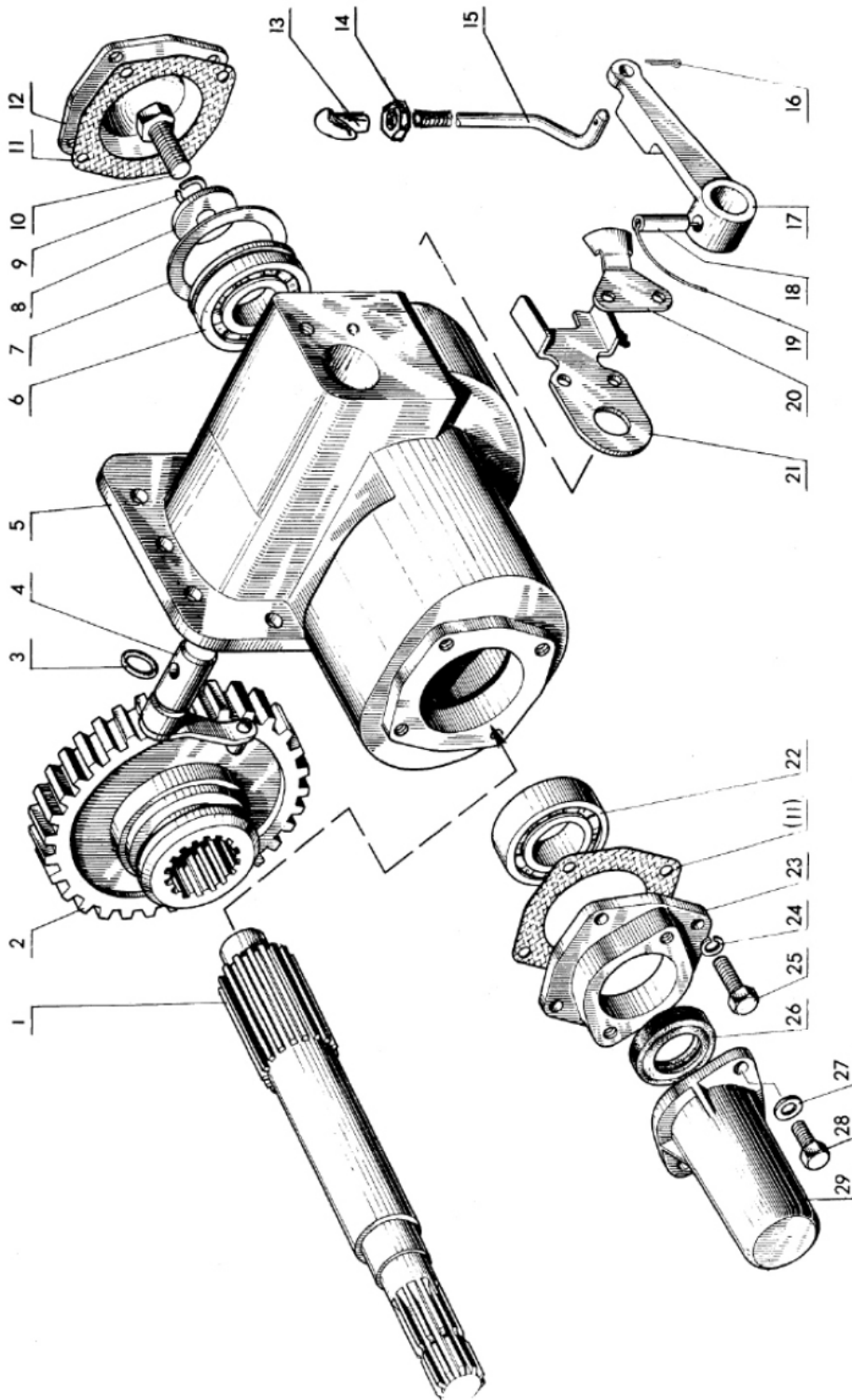


Figure 42.2. Side power takeoff. Side power takeoff control

Group 42. Power takeoff

Subgroup 4204. Side power takeoff. Side power takeoff control

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
		50-4204010	1	Side power takeoff with an eight-spline shank (1-28)
42.2	1	50-4204022	1	Side shaft with an eight-spline shank
	2	Φ50-4204026	1	Gear(Z=37)
	3	020-025-30-1-4	1	Ring
	4	50-4204040-A	1	Roller
	5	50-4204015-B	1	Casing
	6	208A	1	Bearing
	7	72	1	Ring
	8	50-1601038	1	Washer
	9	ШПН 12	1	Washer
	10	M12x35	1	Bolt
	11	50-1601091	2	Gasket
	12	50-1601089	1	Cover
	13	50-1310136-A	1	Handle
	14	M8	1	Nut
	15	80-4204042	1	Rod
	16	3.2x18	1	Cotter pin
	17	50-4204034	1	Control lever
	18	A.10x40	1	Pin
	19	1,6-O-C	1	Wire
	20	50-4204036-B	1	Plate
	21	50-4204038	1	Plate
	22	6-50306K	1	Bearing
	23	50-4204024	1	Cover
	24	ШПН 8	10	Washer
	25	M8x25	4	Bolt
	26	2,2-38 x 58-1	1	Cup
	27	ШПЧ 8	2	Washer
	28	M8x16	8	Bolt
	29	50-4202065-A	1	Hood

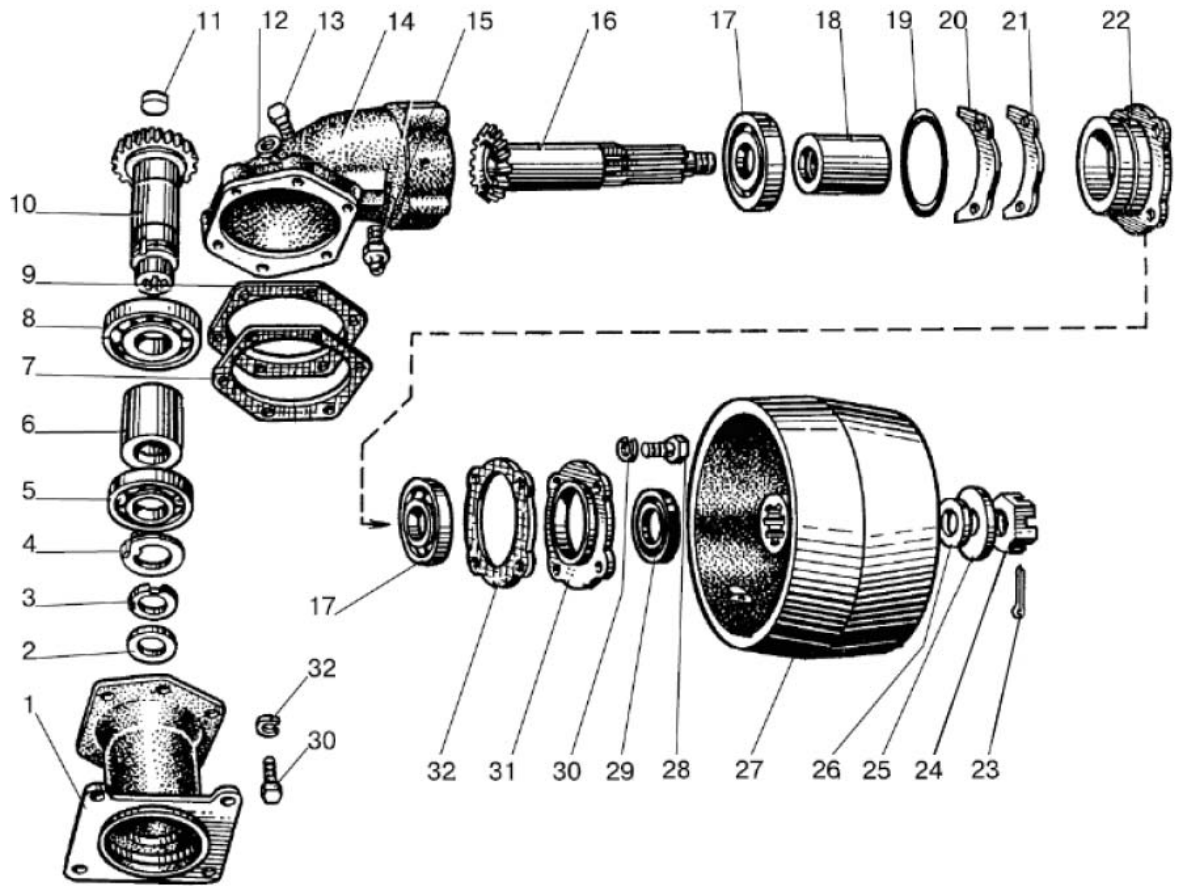


Figure 42.3. Driving pulley

**Group 42. Power takeoff
Subgroup 4211. Driving pulley**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
42.3		40-4211010-01	1	Driving pulley to be mounted on the eight-spline PTO shank (1-34)
		40-4211035	1	Casing (12-22, 30-34)
		40-4211040	1	Driving shaft with 8 splines (3-6, 8, 10, 11)
		40-4211050	1	Hose pipe, 8 splines (1-6, 8, 10, 11)
		40-4211065	1	Shaft (16-13, 22)
	1	40-4211052	1	Hose pipe
	2	КФА-50x70	1	Cup
	3	40-4211043	1	Nut
	4	36-1701061	1	Washer
	5	211 АУIII1	1	Bearing
	6	40-4211047	1	Bushing
	7	40-4211079	1	Gasket
	8	311А	1	Bearing
	9	40-4211081	1	Gasket
	10	40-4211045	1	Shaft with eight-spline socket
	11	40-4211082	1	Choke
	12	ПІК КГ 3/8"	1	Plug
	13	ПІК КГ 3/4"	2	Plug
	14	40-4211037	1	Casing
	15	СУ-1/8"-А	1	Breather
	16	40-4211071	1	Shaft-gear
	17	408	2	Bearing
	18	40-4211072	1	Spacing bushing
	19	120-125-30-1-4	1	Ring
	20	36-4211054 Б	6	Gasket (0.5 mm)
	21	36-4211055	8	Gasket (0.2 mm)
	22	36-4211048	1	Cage
	23	4x36	1	Cotter pin
	24	M20x1.5	1	Nut
	25	40-3502084	1	Washer
	26	40-3502083	1	Gasket
	27	40-4211075	1	Pulley assembly
28	M12x40	6	Bolt	
29	2.2-65x90-1	1	Cup	
30	IIIИ 12	10	Washer	
31	36-4211073	1	Housing	
32	36-4211057	1	Gasket	

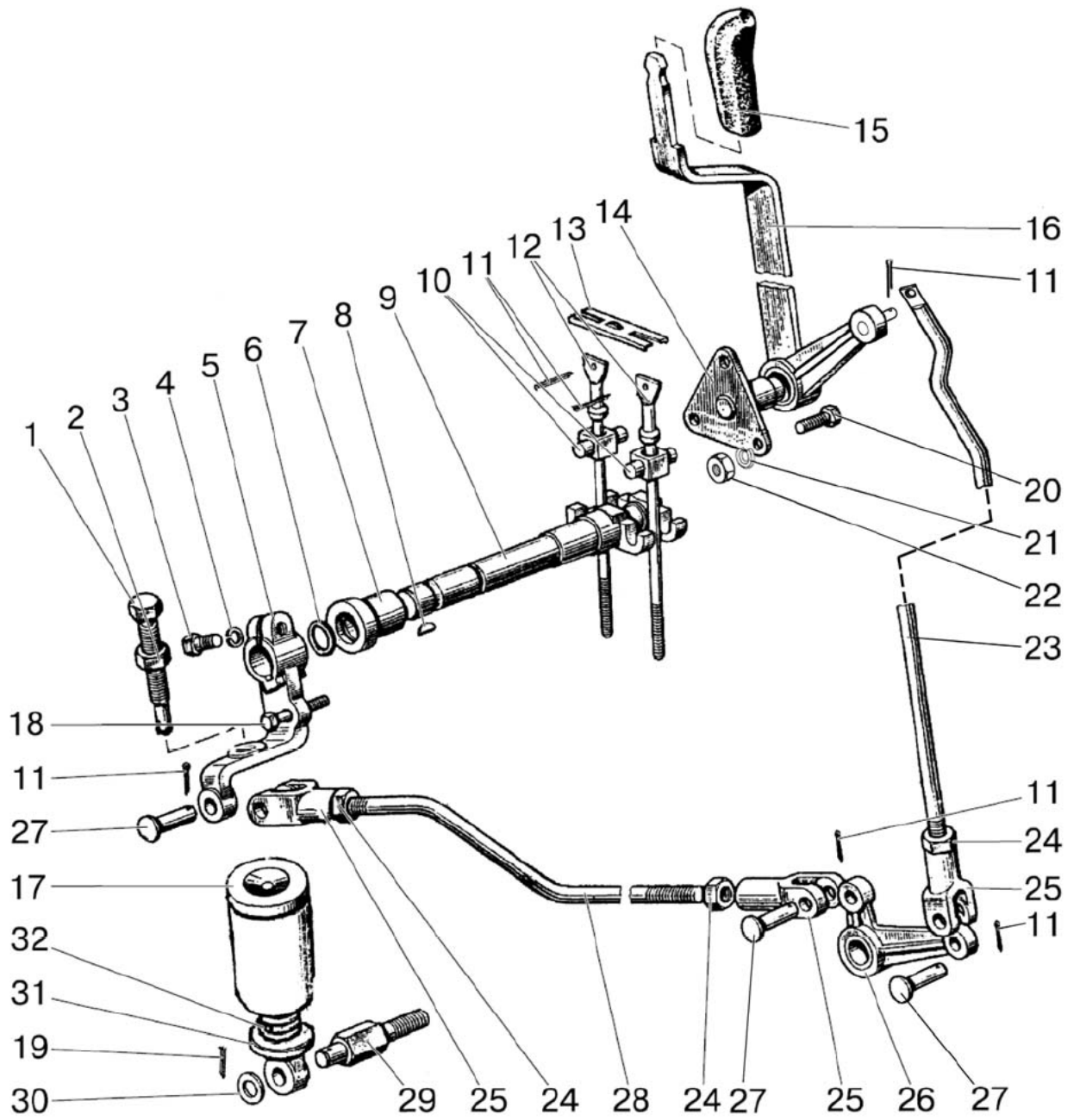


Figure 42.4. Rear power takeoff control

Group 42. Power takeoff
Subgroup 4216. Rear power takeoff control

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
42.4		80B-4216010	1	Rear power takeoff control
		80-4216060	1	Lever rod (24, 25, 28)
		50-4216070-B	1	Control roller (9, 10)
		80B-4216095-A	1	Rod (23-25)
	1	70-4216023-A	1	Bolt
	2	M16	1	Nut
	3	M12x35	1	Bolt
	4	12 OT	1	Washer
	5	50-4216022-A	1	Lever
	6	025-030-30-1-4	1	Ring
	7	50-4216024	1	Control roller bushing
	8	CHH-611	1	Segment key
	9	50-4216018	1	Control roller
	10	50-4216034	2	Control roller
	11	3.2x18	6	Cotter pin
	12	70-4216028	2	Screw
	13	80-4216039	1	Stopper
	14	80B-4216105	1	Bracket
	15	A13.17.000-01	1	Handle
	16	85-4216100-B	1	Lever
	17	70-4216015	1	Cover
	18	M10 x 60	1	Bolt (auxiliary)
	19	4x36	1	Cotter pin
	20	M8x16	3	Bolt
	21	8T	3	Washer
	22	M8	3	Nut
	23	80-4216091A	1	Rod
	24	M12x1.25	3	Nut
	25	50-3502203	3	Fork
	26	80-4216050	1	Hub
	27	12x32	3	Pin
	28	80-4216043	1	Rod
29	70-4216048-B	1	Bolt	
30	16 OT	1	Washer	
31	70-4216013	1	Lug	
32	70-4216011	1	Spring	

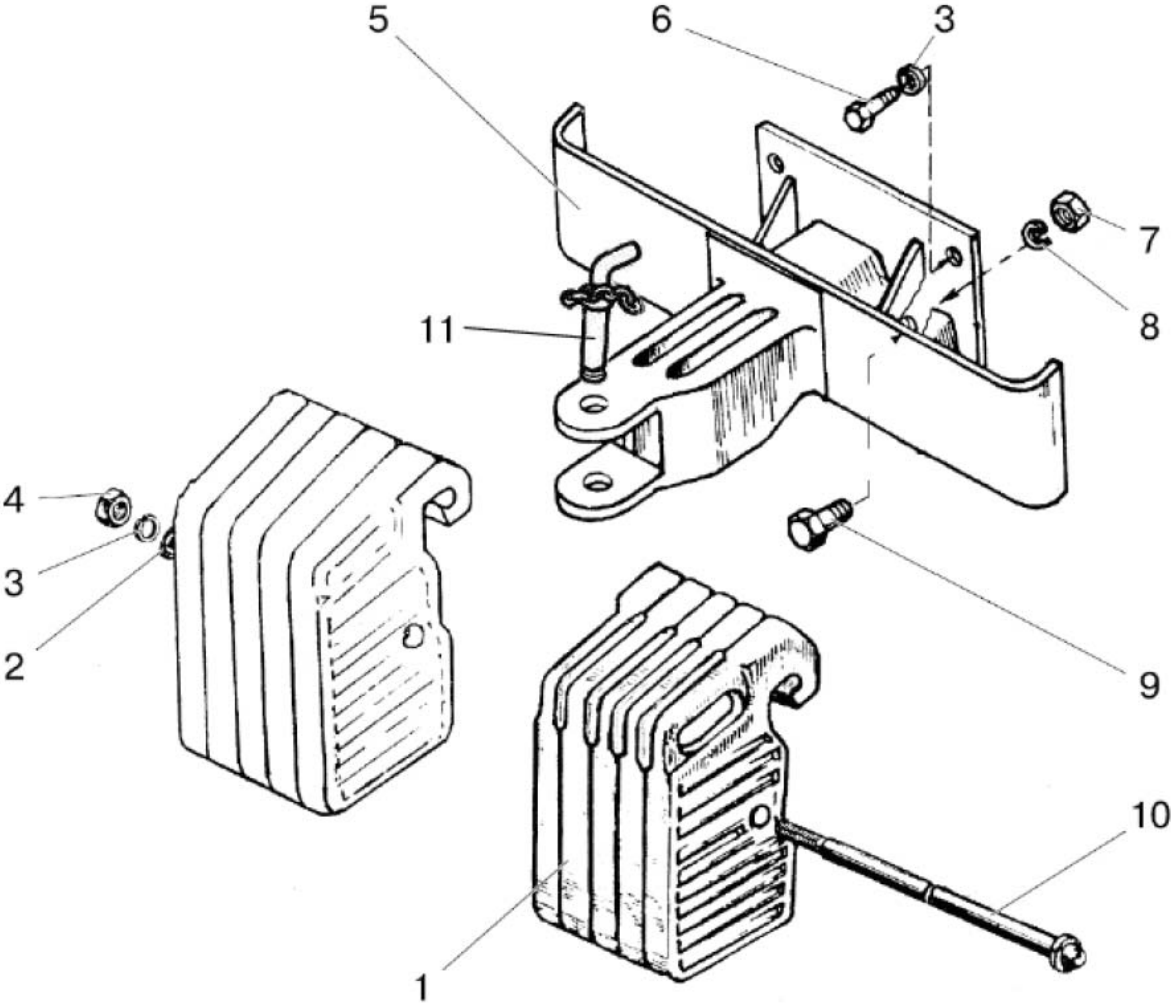


Figure 42.5. Front ballast

Group 42. Power takeoff
Subgroup 4235. Front ballast

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
42.5	1	70-4235011	10	Weight (20 kg)
	2	ШП 16	1	Washer
	3	ШП 16	3	Washer
	4	M16	1	Nut
	5	70-4235020-01	1	Bracket
	6	M16x32	2	Bolt
	7	M20	2	Nut
	8	ШП 20	2	Washer
	9	70-4605036	2	Bolt
	10	80-4235015	1	String
	11	70-4235030	1	Pin assembly

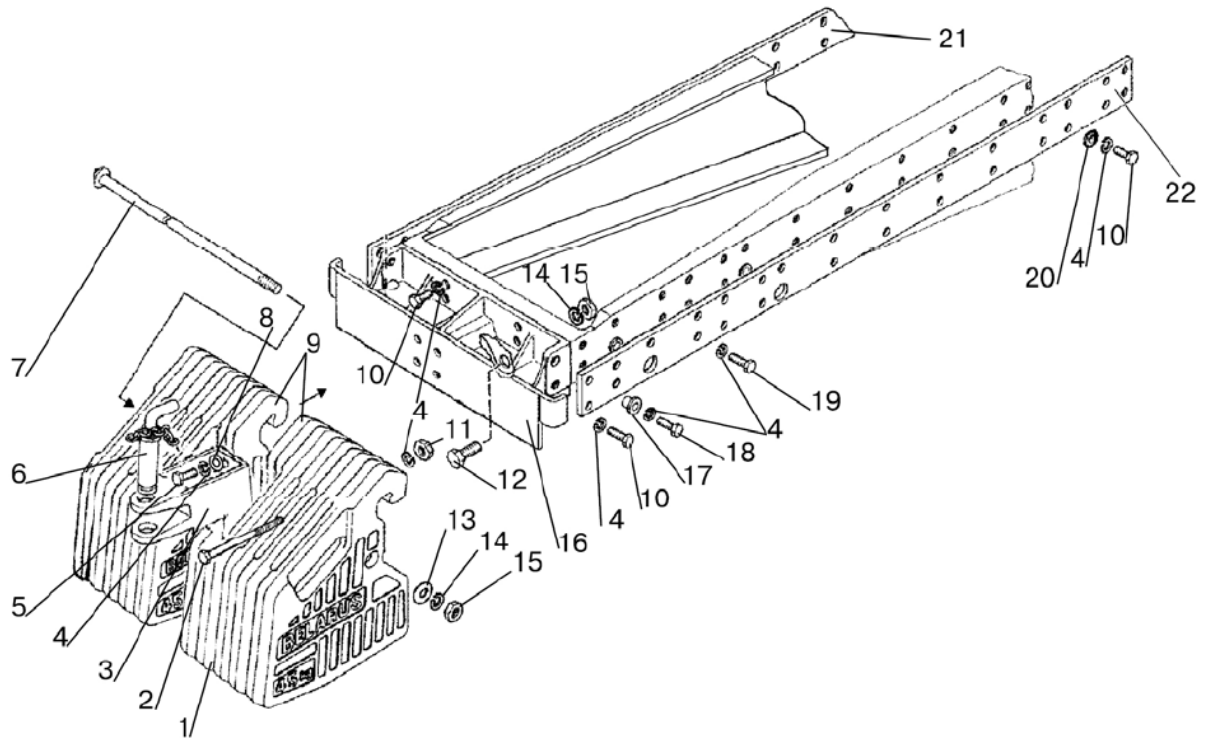


Figure 42.6. Front ballast (for Belarus-820 tractor)

**Group 42. Power takeoff
Subgroup 4235. Front ballast (for Belarus-820 tractor)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
42.6	1	80-4235011-A	8	Weight (45 kg)
	2	1025-4235012	2	Bolt
	3	85-4235025-Б	1	Lug
	4	ШП 16	30	Washer
	5	M16x45	2	Bolt
	6	70-4235030	1	Pin assembly
	7	1025-4235015-01	1	String
	8	ШП 16	2	Washer
	9	1521-4235011-A	2	Weight (40 kg)
	10	M16x32	10	Bolt
	11	M18	4	Nut
	12	70-4605036	2	Bolt
	13	40-3502084	1	Washer
	14	ШП 20	3	Washer
	15	M20	3	Nut
	16	1521-4235020	1	Bracket
	17	80-4235029	2	Bushing
	18	M16x50	6	Bolt
	19	M16x40	12	Bolt
	20	ШП 16	2	Washer
	21	80-4235028	1	Right-hand plate
	22	80-4235028-01	1	Left-hand plate

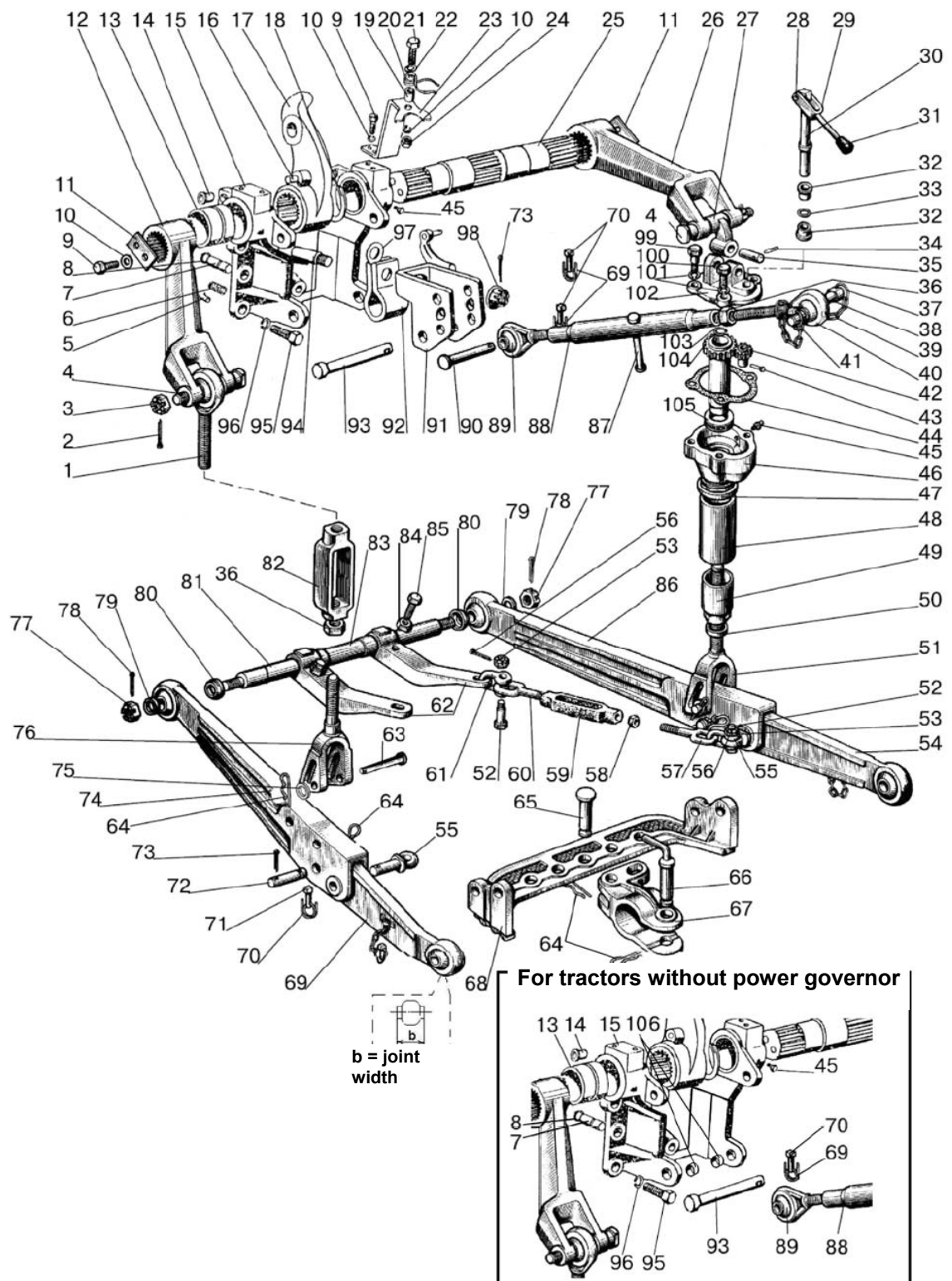


Figure 46.1. Rear mounted attachment (for tractors with and without power governor)

Group 46. Hydraulic system

Subgroup 4605. Rear mounted attachment (for tractors with and without power governor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
46.1		P70-4605010*	1	Rear mounted attachment (1-105)	
		84-4605010-15	1	Rear mounted attachment (1-4, 7-15, 17-89, 95, 96, 100-106)	
		50-4605012	2	Brace (1, 36, 76, 82)	
		82P-4605012	2	Brace (for 82P)	
		80-4605150-02	1	Brace (28-33, 42-51, 99-105) L=475 mm	
		A61.05.100-01	1	Locking pin (39, 41)	
		A61.03.000	1	Upper rod (36-41, 87-89)	
		A61.03.200	1	Screw (37-41, pin A61.03.001-02 022)	
		A61.03.200-01	1	Screw (37-41, pin A61.03.001-01 025)	
		A61.04.000	2	Tightening device (57-60)	
		70-4605340	1	Lever (16, 17)	
		80-4605025	1	Cross-bar (64-68)	
		50-4605030-A3	1	Right-hand rod (54, 55, 64, 70-73, 86)	
		50-4605035-A3	1	Left-hand rod (55, 64, 69, 70-74)	
		50-4605105-A	1	Trailer pin assembly (64, 66)	
		50-4605115	2	Tightening device (52-53, 56-62, 84, 85)	
		A61.02.100	1	Screw	
		82P-4605130	1	Screw (for 82P)	
	2		4x36	1	Cotter pin
	3		70-3003032	2	Nut M18x1,5-61-1.6.019
	4		50-4605076	2	Pin
	5		70-4605317*	2	Limiter
	6		21A-1601150*	4	Spring
	7		50-4605027	2	Pin
	8		54.38.619	2	Ring
	9		M12x25	6	Bolt
	10		ШПН 12	7	Washer
	11		40-4605023-A2	2	Washer
	12		80-4605021	1	Lever
	13		70-4605032	2	Bushing
	14		70-4605308-Б	2	Bushing
			70-4605016-Б*	1	Bracket
		80-4605016-01	1	Bracket	
16		70-4605313	1	Pin	
17		70-4605024-A	1	Pivot lever	
18		2B65	1	Ring	
19		50-4605069	1	Bushing	
20		A61.07.002	1	Spring	
21		M12x35	1	Bolt	
22		ШПЧ 12	1	Washer	
23		70-4605240-A	1	Bracket	
24		M12	1	Nut	
25		70-4605023	1	Pivoting shaft	
26		80-4605022	1	Lever	
27		70-4605168	1	Shackle	
28		A61.01.016-Б	1	Axle	
29		A61.01.400	1	Fork	
30		A61.01.600	1	Shaft	
31		A61.01.014	1	Handle	
32		A61.01.017	2	Bushing	

* for tractors with power governor

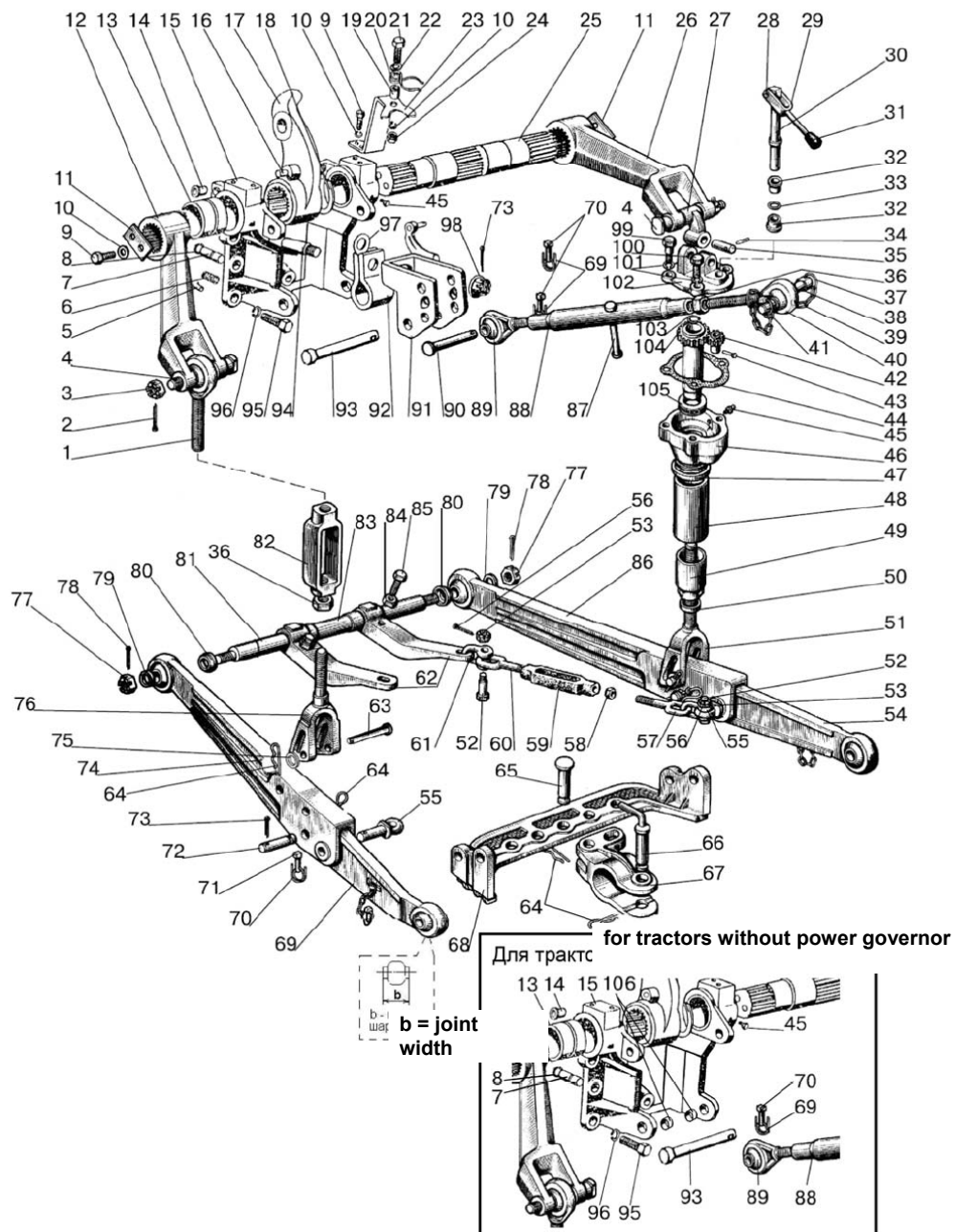


Figure 46.1. Rear mounted attachment (for tractors with and without power governor)

Group 46. Hydraulic system
Subgroup 4605. Rear mounted attachment (for tractors with and without power governor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.1	33	016-021-30-2-4	1	Ring
	34	8 x 45	1	Pin
	35	A61.01.004	1	Pin
	36	A61.02.003	1	Locknut
	37	A61.03.002	2	Ring
	38	A61.03.001-01	1	Pin Ø 25
		A61.03.001-02	1	Pin Ø 22 (optionally)
	39	A61.08.001 -01	1	Chain (9 links)
	40	A61.02.100-04	1	Screw (joint hole Ø 22.5)
		A61.02.100-05	1	Screw (joint hole Ø 25.7)
	41	A61.05.000	1	Locking pin with ring
	42	A61.01.001	1	Gear
	43	A61.01.005	1	Axle
	44	A61.01.003	1	Gasket
	45	1.3 И9xp	3	Greaser
	46	A61.01.104	1	Casing
	47	A61.01.013	1	Bushing
	48	A61.01.008	1	Tube
	49	A61.01.011	1	Hood
	50	A61.01.009	1	Limiter
	51	70-4605100	1	Fork
	52	50-4605086	4	Bolt
	53	M12	4	Nut
	54	C50-4605040-A	1	Rod (b=45)
		80-4605040	1	Rod (b=38 optionally)
	55	70-4605048-A	2	Lug
	56	3.2x18	1	Cotter pin
	57	A61.04.002-01	2	Screw (right-hand thread)
	58	M18	2	Nut
	59	A61.04.003	2	Tightening device
	60	A61.04.002	2	Screw (left-hand thread)
	61	A61.09.002	4	Shackle
	62	50-4605033-Б1	2	Bracket
	63	Φ50-4605084	2	Pin
	64	A61.07.001	4	Cotter spring pin
	65	A61.10.002	2	Pin
	66	50-4605079-Б	1	Pin assembly
	67	A61.11.001	1	Fork
	68	80-4605046	1	Cross-bar
	69	C50-4605045-A	1	Rod (b=45)
		80-4605040-01	1	Rod (b=38 optionally)
	70	A61.05.004	4	Ring
	71	A61.05.005	4	Locking pin
	72	50-4605049-Б	2	Pin
	73	5x36	3 (2)*	Cotter pin
	74	70-4605055	1	Rod
75	ИПЧ 18	2	Washer	
76	50-4605100-Б	1	Fork	
77	A04.02.020	2	Nut	
78	5x45	2	Cotter pin	
79	70-4605047	2	Bushing	

* for tractors with power governor

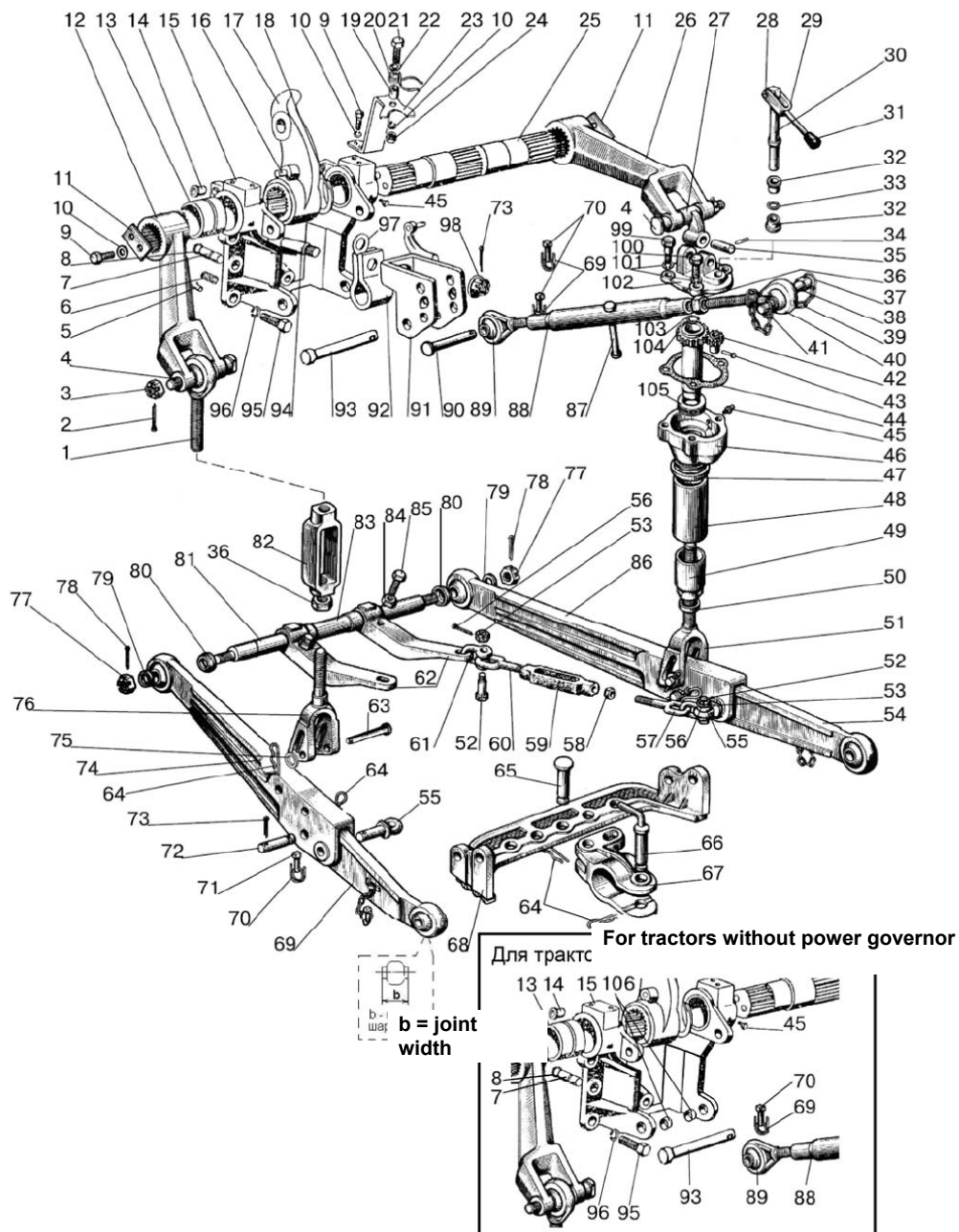


Figure 46.1. Rear mounted attachment (for tractors with and without power governor)

Group 46. Hydraulic system

Subgroup 4605. Rear mounted attachment (for tractors with and without power governor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.1	80	50-4605068-Б1	2	Washer
	81	70-4605026	1	Axle
	82	A61.02.001	1	Tightening device
	83	50-4605018-Б	1	Bushing
	84	M16	2	Nut
	85	50-4605019	2	Bolt
	86	70-4605050	1	Rod
	87	A61.03.102	1	Handle
	88	A61.03.101	1	Tube
	89	A61.02.100-03	1	Screw (left-hand thread)
	90	A61.10.001-02*	1	Pin
	91	70-4605330-Б*	1	Shackle
	92	70-4605302-Б*	1	Spring
	93	A61.10.001	1	Pin
	94	70-4605320*	1	Bolt
	95	70-4605036	5	Bolt
	96	IIIП 20	5	Washer
	97	70-4605304-Б*	1	Washer
	98	70-4605316*	1	Nut
	99	A61.01.006	2	Bolt
	100	M14x40	2	Bolt
101	IIIП 14	4	Washer	
102	A61.01.204	1	Cover	
103	A61.01.012	1	Limiter	
104	A61.01.300	1	Tube	
105	8109	1	Bearing	
106	40-4605047-Б**	2	Bushing	

* for tractors with power governor

** for tractors without power governor

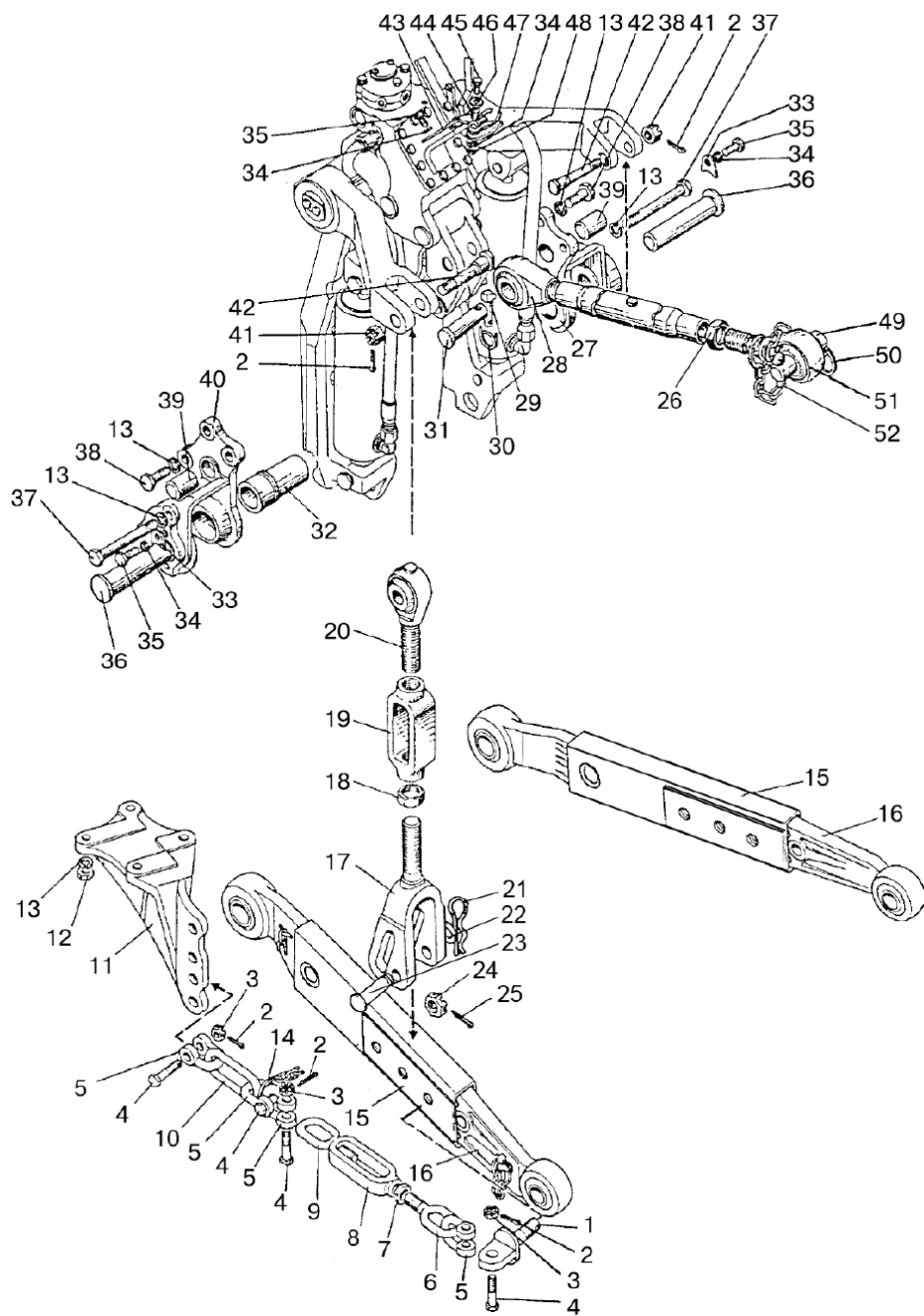


Figure 46.2. Rear mounted attachment (variant for Belarus-82П tractor with hydraulic lift)

Group 46. Hydraulic system
Subgroup 4605. Rear mounted attachment (variant for Belarus-82Π tractor with hydraulic lift)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.2		822-4605010	1	Mounted attachment (1-66, 68-79)
		A61.03.000	1	Upper rod (28, 52-57) pin pos.54 Ø 22 mm
		A61.03.000-01	1	Upper rod (28, 52-57) pin pos.54 Ø 25 mm
		1220-4605012-Б	2	Screw brace (17-20)
		1220-4605030-Б-02 or 1220-4605030-Б-04	2	Rod (1, 15, 16, 78, 79) (joint b=38 mm)
			2	Rod (1, 15, 16, 78, 79) (joint b=45 mm)
		1220-4605580	2	Tightening device (6-9)
		822-4605085	1	Cross-bar (75,81-86)
	1	1220-4605108-01	2	Lug
	2	3.2x25	8	Cotter pin
	3	M12	8	Nut
	4	50-4605086	8	Bolt
	5	A61.09.002	8	Shackle
	6	1220-4605058	2	Screw
	7	M20	2	Nut
	8	A61.04.003-01	2	Tightening device
	9	1220-4605058-01	2	Screw
	10	40-4605098	2	Ring
		80-4605091	1	Right-hand bracket
		80-4605091-01	1	Left-hand bracket
	12	M16x1.5	8	Nut
	13	IIIИ 16	16	Washer
	14	H50-4605060	2	Chain with ring
	15	1220-4605050-Б-01	2	Rod (with chain)
	16	1220-4605040 or 1220-4605040-02	2	Rod (joint b=38 mm)
			2	Rod (joint b=45 mm)
	17	1220-4605200-Б	2	Fork
	18	142-4605424	2	Locknut
	19	142-4605422	2	Tightening device
	20	1220-4605075	2	Screw
	21	A61.07.001	3	Cotter pin
	22	50-3503071	2	Washer
	23	1220-4605084	2	Pin L=130 mm
	24	70-4605316	2	Nut
	25	5x36	2	Cotter pin
	26	A61.02.003	1	Locknut
	27	1220-4605501	1	Right-hand bracket
	28	A61.02.100-03	1	Screw
	29	A61.05.005	1	Locking pin
	30	A61.05.004	1	Ring
	31	A61.10.001-02	1	Pin
	32	1220-4605502	2	Bushing
33	1220-4605504	2	Plate	
34	IIIИ 12	4	Washer	
35	M12x25	4	Bolt	
36	1220-4605503	2	Pin	
37	70-2800016-01	2	Bolt	
38	1220-4605506	6	Bolt	
39	1220-4605507	2	Pin	
40	1220-4605501-01	1	Left-hand bracket	
41	M20x1,5	2	Nut	
42	142-4605076	2	Pin	

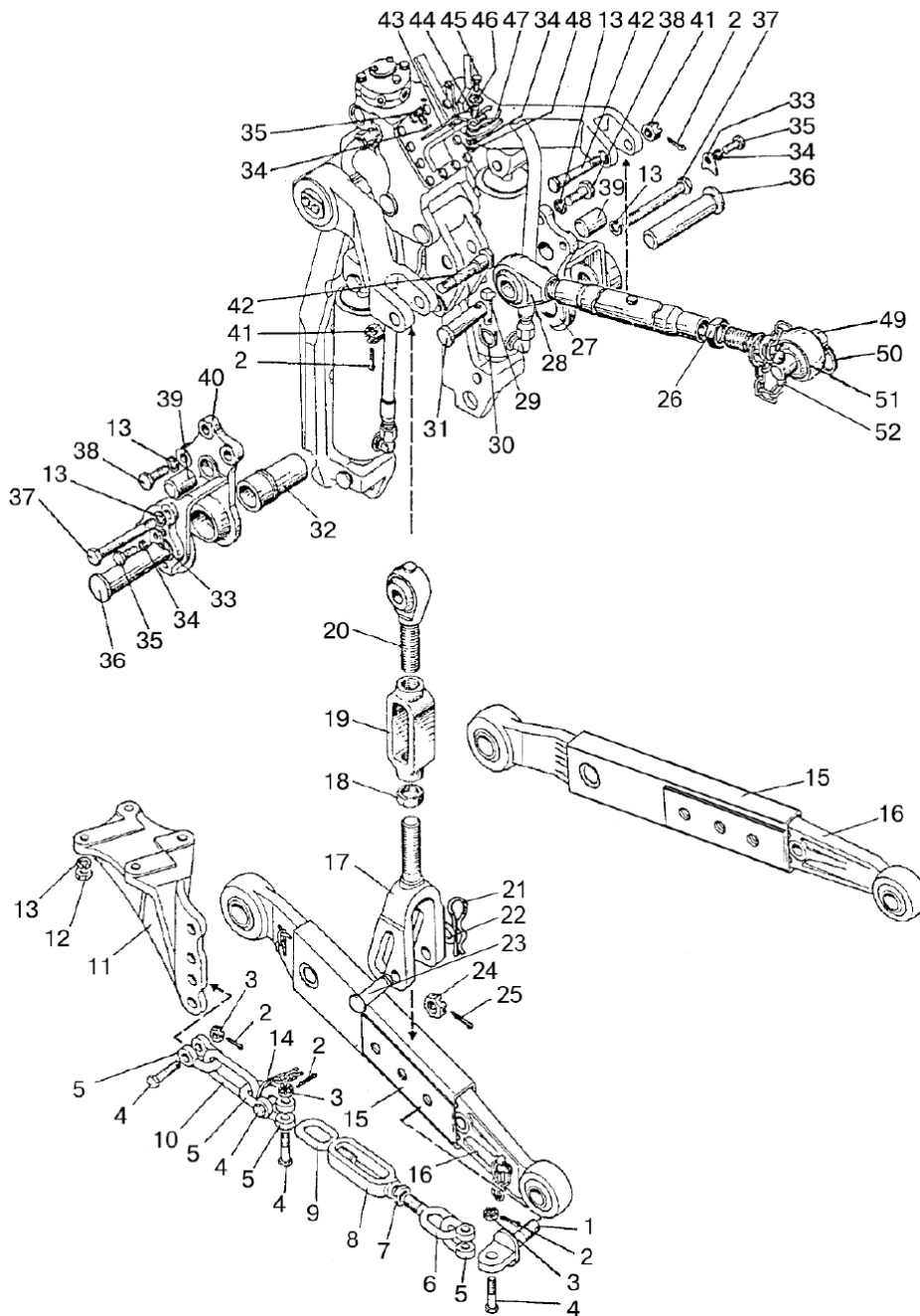


Figure 46.2. Rear mounted attachment (variant for Belarus-82Π tractor with hydraulic lift)

Group 46. Hydraulic system

Subgroup 4605. Rear mounted attachment (variant for Belarus-82П tractor with hydraulic lift)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.2	43	1220-4605675	1	Bracket
	44	50-4605069	1	Bushing
	45	M12x35	1	Bolt
	46	ШП 12	1	Washer
	47	A61.07.002	1	Spring
	48	M12	1	Nut
	49	A61.03.001-02	1	Pin Ø 22 mm
		A61.03.001-01	1	Pin Ø 25 mm
	50	A61.03.002	2	Ring
	51	A61.02.100-04	1	Screw with joint hole Ø 22 mm
		A61.02.100-05	1	Screw with joint hole Ø 25 mm
	52	A61.05.100	1	Locking pin (9 links)

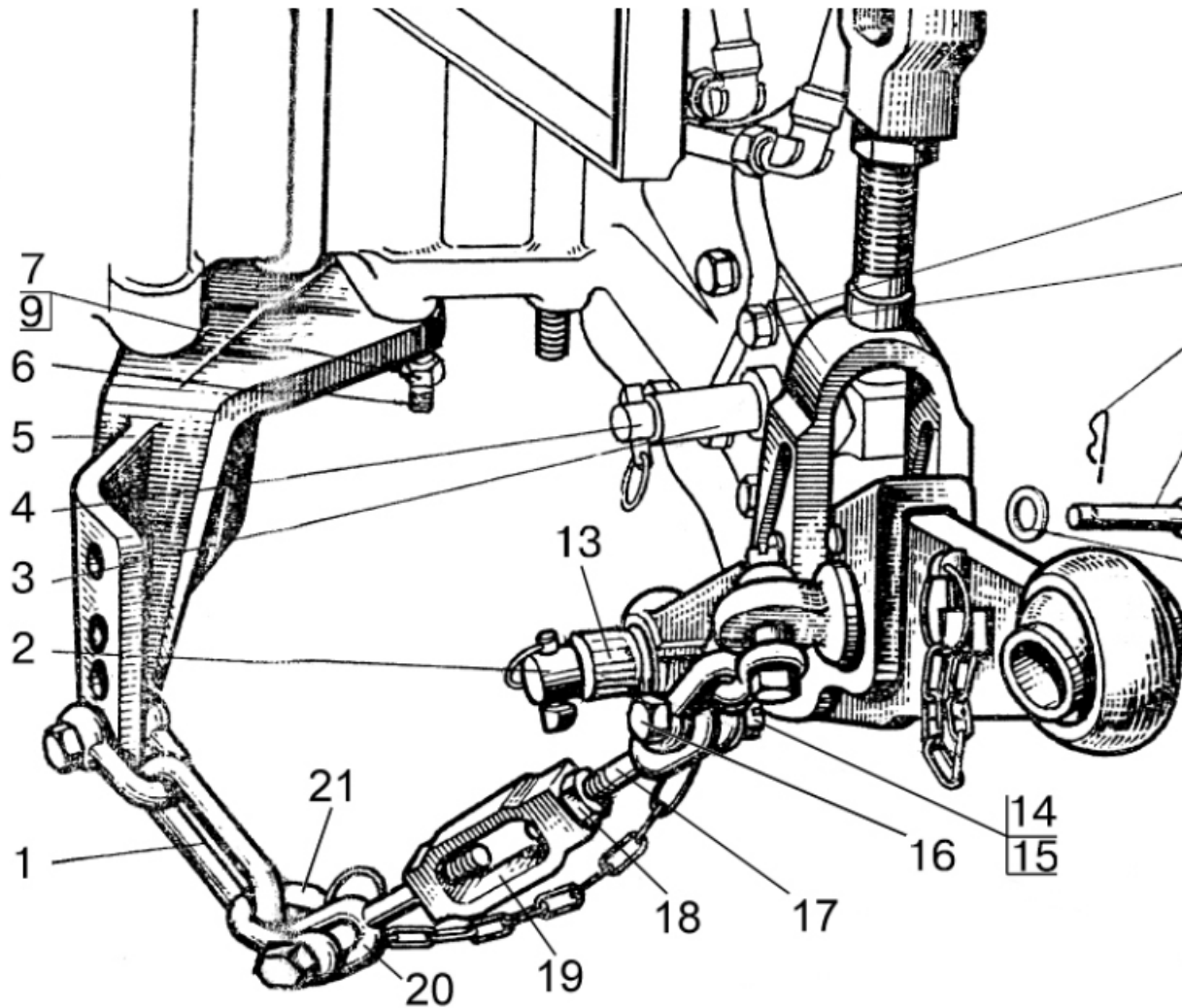


Figure 46.3. External interlock of the lower rods (for tractors with and without power governor)

Group 46. Hydraulic system

Subgroup 4605. External interlock of the lower rods (for tractors with and without power governor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.3		A61.04.000	2	Tightening device (17-20)
	1	40-4605098	2	Ring
	2	Φ50-4605026	1	Axle
	3	Φ50-4605097	2	Bushing
	4	Φ50-4605020	2	Bracket
	5	80-4605091	1	Left-hand bracket
		80-4605091-01	1	Right-hand bracket
	6	50-4609082	8	Pin
	7	N116x1,5	16	Nut
	8	M16x40	8	Bolt
	9	ШШШ 16	16	Washer
	10	A61 07 001	2	Cotter pin
	11	Φ50-4605084	2	Pin
	12	ШШЧ 18	4	Washer
	13	70-4605047	2	Bushing
	14	3,2x18	8	Pins
	15	M12	8	Nut
	16	50-4605086	8	Bolt
	17	A61.04.002	2	Screw
	18	M18	2	Nut
	19	A61.04.003	2	Tightening device
20	A61.04.002-01	2	Screw	
21	A61.09.002	8	Shackle	

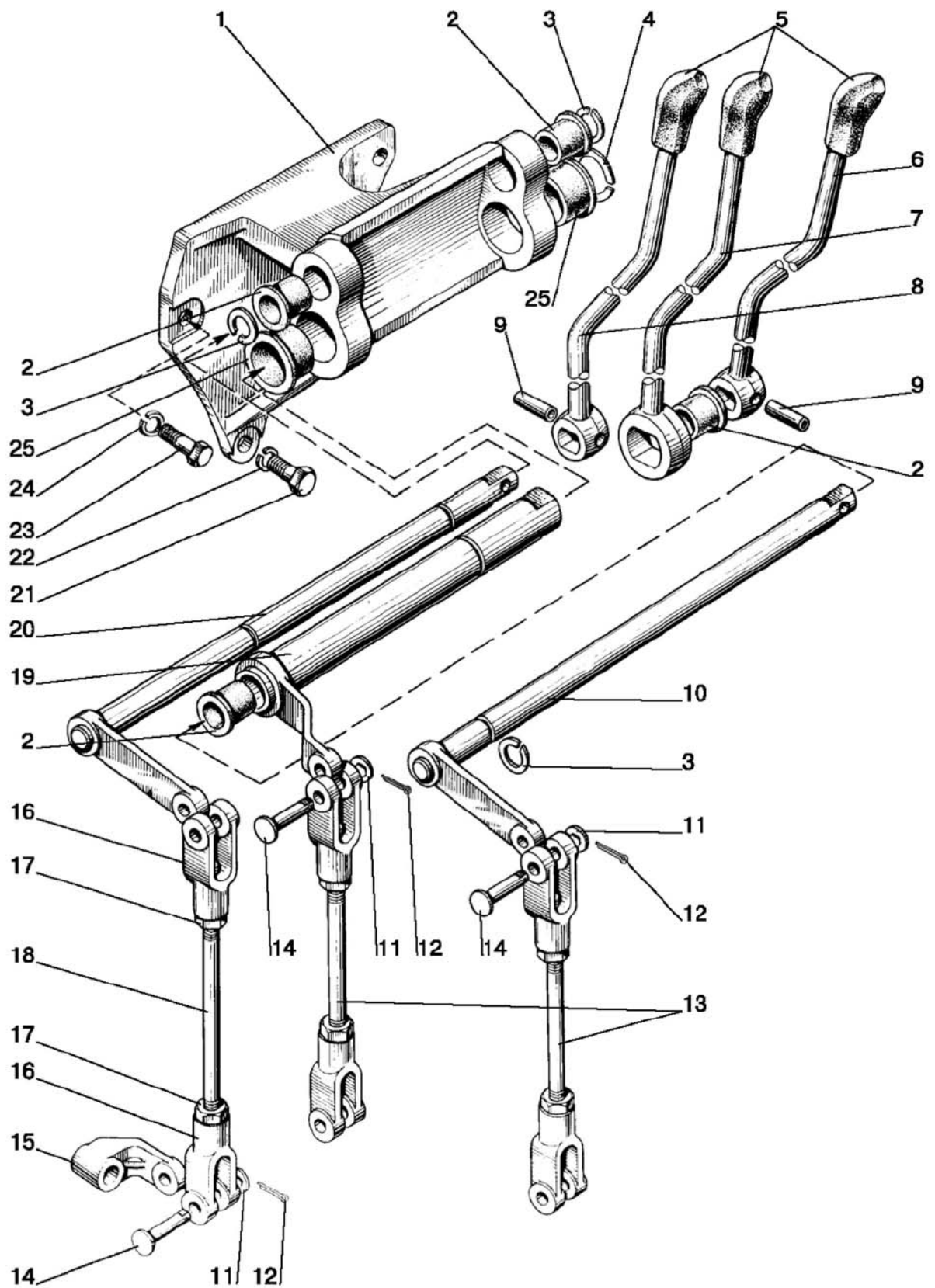


Figure 46.4. Hydraulic distributor control (for tractors with and without power governor)

Group 46. Hydraulic system

Subgroup 4607. Hydraulic distributor control (for tractors with and without power governor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.4		85-4607040	1	Bracket (1-10,19,20, 23)
		80-4607260-03	2	Rod (13, 16,17), L= 198 mm
		80-4607260-04	1	Rod (16-18), L=237 mm
	1	85-4607017	1	Bracket
	2	50-4607078A	4	Bushing
	3	2Б18	3	Ring
	4	2Б32	1	Ring
	5	A61.01.014	3	Handle
	6	85-4607041-A	1	Lever
	7	85-4607042-A	1	Lever
	8	85-4607041-01-A	1	Lever
	9	8x30	2	Pin
	10	80-4607220	1	Shaft
	11	70-4607144	6	Washer
	12	3.2x18	6	Cotter pin
	13	80-4607087-01	2	Rod
	14	A61-030-A1	6	Pin
	15	80-4607086	3	Lever
	16	A20-213A	6	Fork
	17	M8	1	Nut
	18	80-4607087-02	1	Rod
	19	80-4607230	1	Shaft
	20	80-4607250	1	Shaft
	21	N112x35	2	Bolt
	22	IIIИ 12	2	Washer
23	N10 x 30	1	Bolt	
24	IIIИ 10	1	Washer	
25	50-4607079A1	2	Bushing	

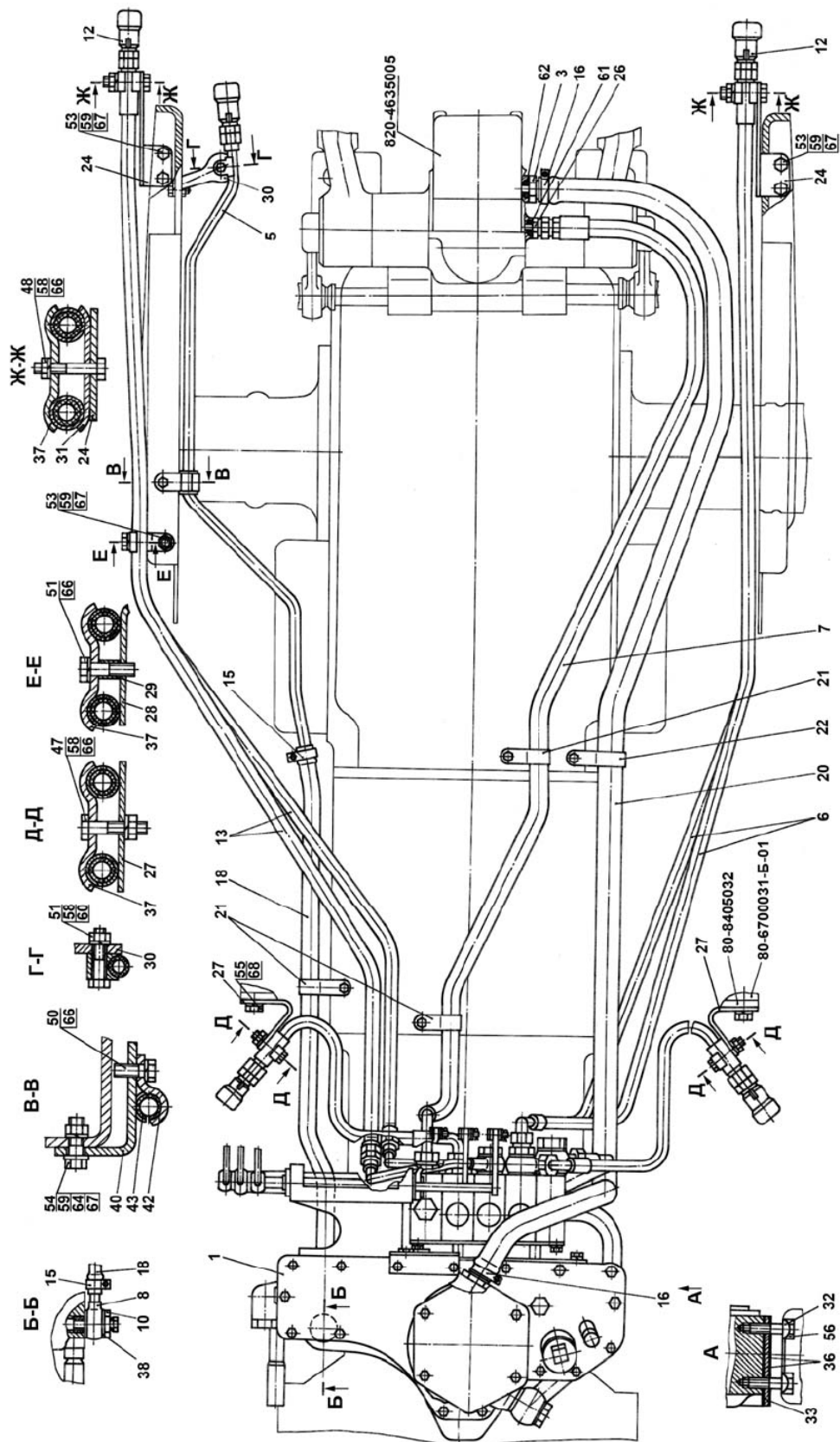


Figure 46.5. Hydraulic system

Group 46. Hydraulic system
Subgroup 4607. Hydraulic system

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.5	1	P1221-4600015	1	Hydraulic system casing
	3	85-4607034	1	Connecting pipe
	5	K1221-4607125	1	Tube
	6	680-4607140-03	2	Reinforced high-pressure hose pipe Ø 10x1
	7	952-4607140-04	1	Reinforced high-pressure hose pipe Ø 16x2
	8	C80-4607380	1	Tube
	10	80-4607455	1	Bolt
	12	M036.50Б.10	5	Left casing
	13	П100-4607140	2	Reinforced high-pressure hose pipe Ø 10x1.
	15	XC-21	2	Clamp
	16	XC-31	2	Clamp
	18	K1221-4607011	1	Hose pipe
	20	П80-4607012	1	Hose pipe
	21	П80-4607013	3	Clamp
	22	П80-4607013-01	1	Clamp
	24	M80-4607014	2	Bracket
	26	П80-4607016	1	Connecting pipe
	27	M80-4607017	2	Bracket
	28	M80-4607018	2	Bracket
	29	E1021-4607044	1	Bushing
	30	85-4607431	1	Bracket
	31	70-4607156	2	Slat
	32	70-4607168	2	Plate
	36	50-4608049	1	Gasket
	37	40-4607029-A	5	Slat
	38	40-4607038-A-01	2	Washer
	40	1321-3407022	1	Bracket
	42	70-3407163-01	1	Clamp
	43	70-3506027	1	Bushing
	61	021-024-19-2-2	1	Ring
	47	M8x40	2	Bolt
	48	M8 x 45	2	Bolt
	50	M8x25	1	Bolt
	51	M8x35	2	Bolt
	53	M10x25	5	Bolt
	54	M10x30	1	Bolt
	56	M1 x 1,5x45	4	Bolt
	58	M8	5	Nut
	59	M10	6	Nut
	62	027-032-30-1-4	1	Ring
	64	ШПЧ 10	1	Washer
66	ШПН 8	7	Washer	
67	ШПН 10	6	Washer	

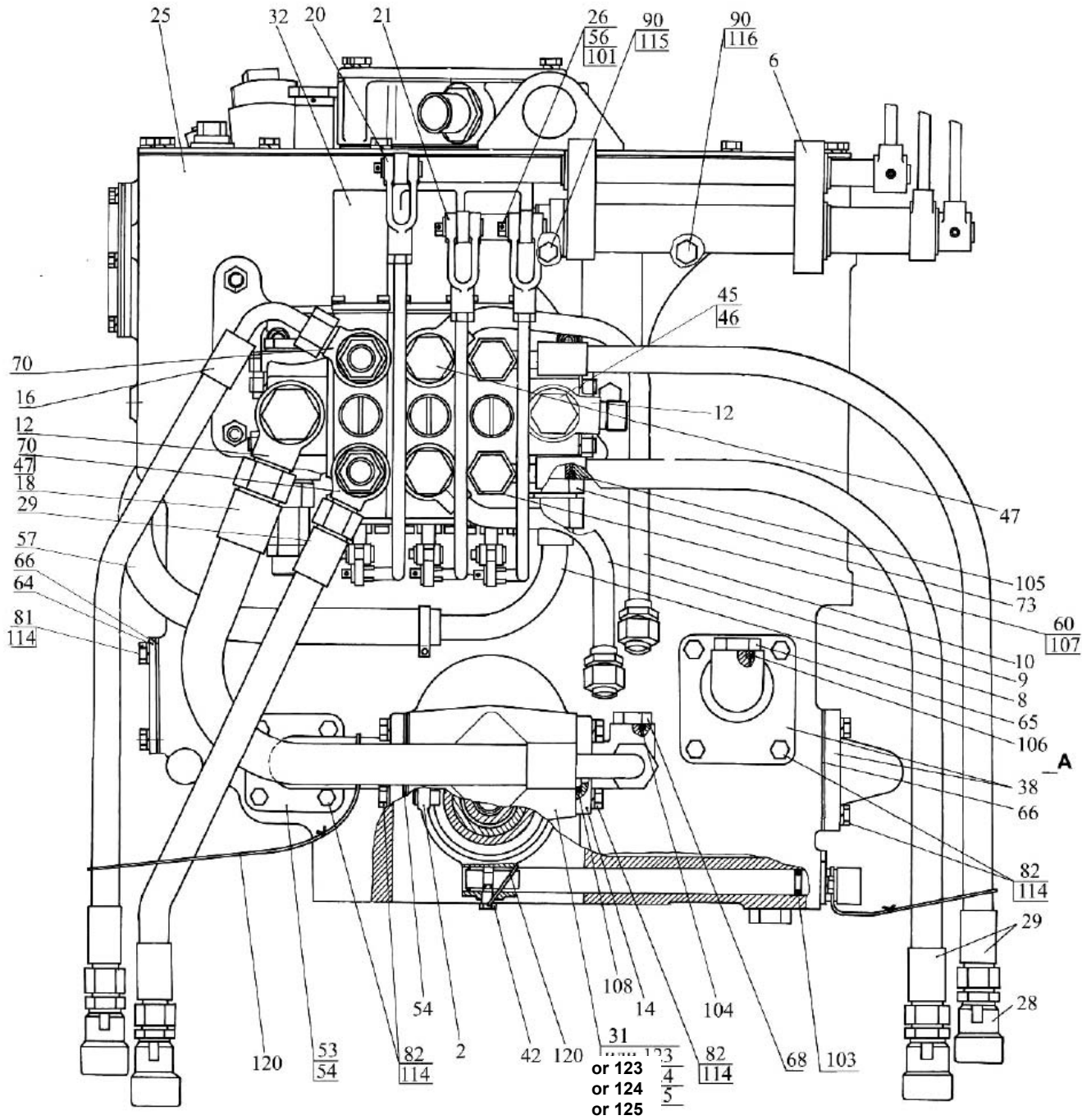


Figure 46.6. Hydraulic system casing

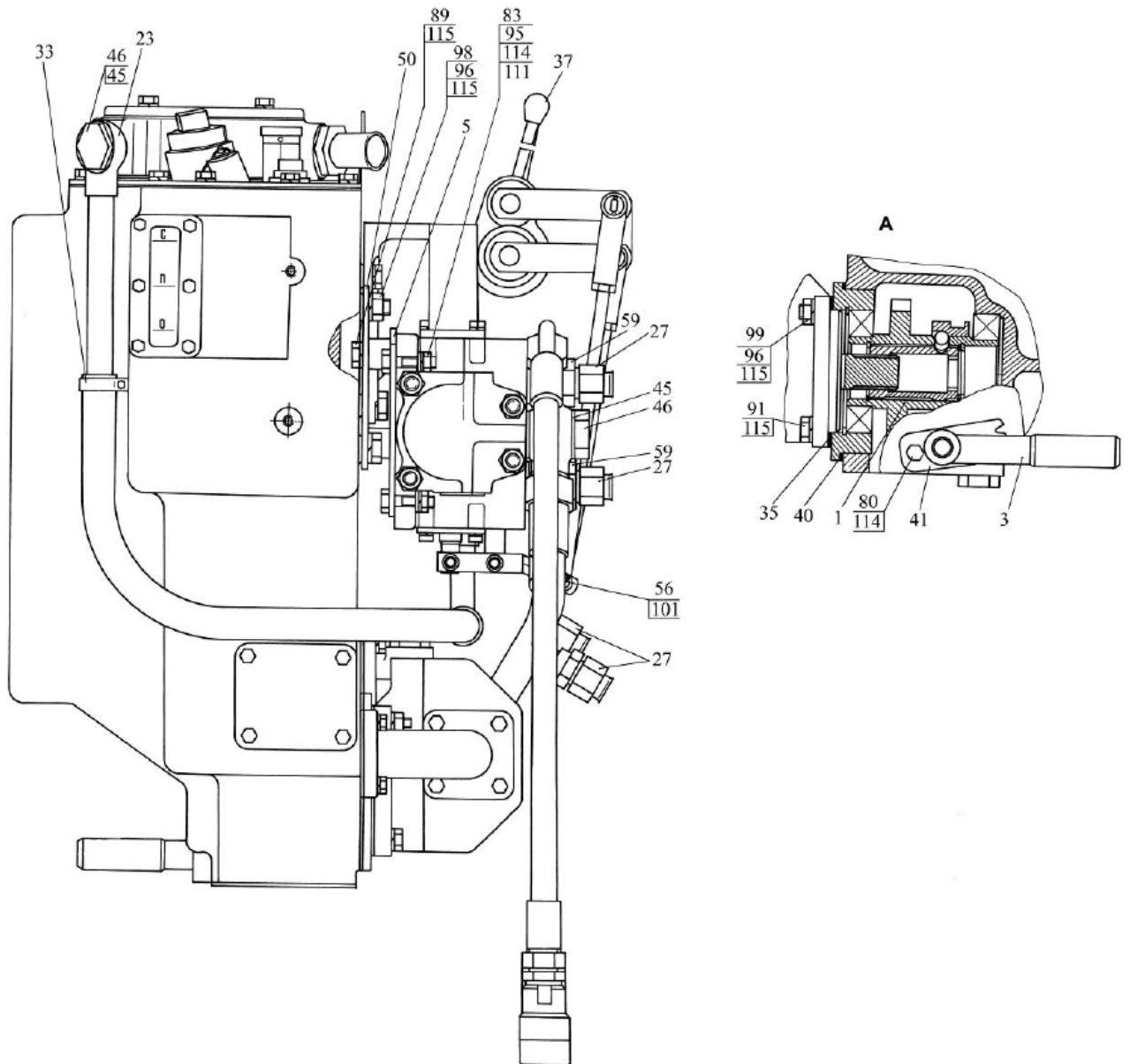


Figure 46.7. Hydraulic system casing

**Group 46. Hydraulic system
Subgroup 4607. Hydraulic system casing**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.6 46.7		P1221-4600015	1	Hydraulic system casing
	1	80-4604010	1	Pump drive
	2	85-4604030	1	Fork
	3	85-4604040	1	Disengagement handle
	5	P1221-4607030	1	Bracket
	6	80-4607040-04	1	Bracket
	8	P1221-4607050	1	Tube
	9	C85-4607060	1	Tube
	10	C85-4607080	1	Tube
	12	952-4607080	2	Connecting pipe
	14	Д80-4607100	1	Branch pipe
	16	680-4607140-04	1	Reinforced high-pressure hose pipe Ø10x1
	18	952-4607140	1	Reinforced high-pressure hose pipe Ø 16x2
	20	P1221-4607260	1	Rod
	21	P1221-4607260-01	2	Rod
	23	80B-4607375	1	Tube
	25	85-4608010	1	Hydraulic system casing
	26	A61-030-A1	3	Pin
	27	H.036.12.010	4	Choke
	28	M036.50B.10	4	Left casing
	29	ПН.036.83.040	3	Reinforced high-pressure hose pipe Ø 10x1
	31	ННН32М-3	1	Gear pump
	32	PII70-1221	1	Distributor
	33	XC-26	2	Clamp
	35	36-1022054-A	1	Gasket
	37	70-3401093	3	Lever head
	38	85-3407101	2	Branch pipe
	40	70-4604037	1	Gasket
	41	50-4604044	1	Plate
	42	50-4604046	1	Fork bolt
	45	40-4607033-A-01	6	Washer
	46	40-4607037	3	Bolt
	47	40-4607038-A-01	12	Washer
	50	50-4607032-B	1	Bracket
	53	50-4607096-A	1	Branch pipe
	54	50-4607097	4	Gasket
	56	70-4607144	6	Washer
	57	M80-4607011	1	Hose pipe
	59	952-4607061	2	Connecting pipe
	64	70-4608019	1	Cover
	65	85-4608021	2	Plug
	66	70-4608033	3	Gasket
	68	50-4608027-B	1	Plug
	70	530-4614029	4	Angle piece
	73	H.036.04.011	1	Screw-in connecting pipe
	80	M8x16	2	Bolt
	81	M8x20	4	Bolt
	82	M8x25	20	Bolt
	83	M8x30	4	Bolt
	89	M10x20	4	Bolt
	90	M10x30	1	Bolt
	91	M10x40	2	Bolt

Group 46. Hydraulic system
Subgroup 4607. Hydraulic system casing

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.6	93	M12x35	2	Bolt
	46.7	95	M8	Nut
	96	M10	5	Nut
	98	M10x20	3	Pin
	99	M10x35	2	Pin
	101	3.2x18	6	Cotter pin
	103	013-017-25-1-4	1	Ring
	104	017-022-30-1-4	1	Ring
	105	021-024-19-2-2	1	Ring
	106	021-025-25-1-4	2	Ring
	108	035-040-30-1-4	1	Ring
	111	C 8.01.019	4	Washer
	114	ШП 8	30	Washer
	115	ШП 10	12	Washer
	116	ШП 12	2	Washer
	120	1.0-O-C	3	Wire
	123	НШ32МА-3	1	Gear pump
	124	НШ32Д-3	1	Gear pump
	125	НШ32УКФ-3	1	Gear pump

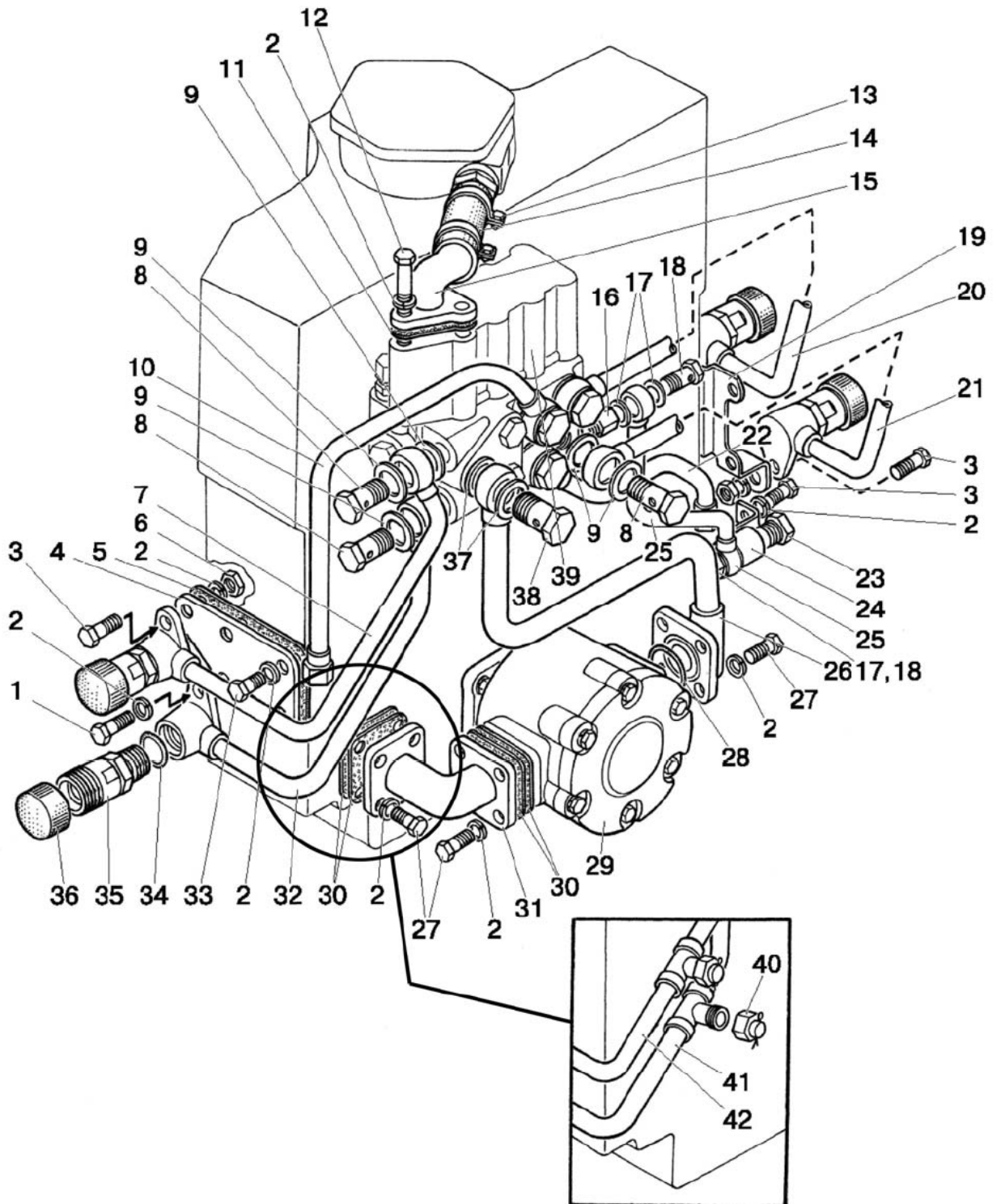


Figure 46.8. Hydraulic units casing fittings

**Group 46. Hydraulic system
Subgroup 4607. Hydraulic units casing fittings**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.8	1	M8x35	1	Bolt
	2	IIIИ 8	23	Washer
	3	M8x30	5	Bolt
	4	80-4608019-01	1	Cover
	5	70-4608033-01	1	Gasket
	6	M8	3	Nut
	7	80X-4607120	1	Tube
	8	40-4607032	6	Bolt
	9	40-4607038-A-01	12	Washer
	10	80-4607165	1	Tube
	11	40-4607018-01	1	Gasket
	12	M8x110	3	Bolt
	13	XC-31 or "Norma" 25-40	2	Clamp
	14	85-4607063	1	Draining hose pipe
	15	85-4607425	1	Angle piece with connecting pipe
	16	80-4607142*	1	Connecting pipe
	17	Д18-055А-01*	4	Seal ring
	18	Д18-051*	2	Bolt
	19	80-4607119	1	Bracket
	20	80-1607110	1	Tube
	21	80-4607115-Б	1	Tube
	22	80-4607175	1	Tube
	23	1221-1802091*	1	Plug (auxiliary)
	24	80-4607320-Б*	1	Bracket
	25	80-4607310-А*	1	Tube
	26	80-4607075А	1	Tube (for the pump IIIИ32А-3)
		80-4607075Б	1	Tube (for the pump IIIИ32М-3, etc.)
	27	M8x25	17	Bolt
	28	035-040-30-1-4	1	Ring
	29	IIIИ32А-3 or IIIИ32М-3 or IIIИ32МА-3 or IIIИ32Д-3 or IIIИ32УВ-3 or IIIИ32УКФ-3	1	Pump
	30	50-4607097-01	4	Gasket
	31	70-4607096-А	1	Branch pipe (for the pump IIIИ32А-3)
		50-4607096-А	1	Branch pipe (for the pump IIIИ32М-3, etc.)
	32	80X-4607130	1	Tube
	33	M8x20	2	Bolt
	34	017-022-30-1-4	4	Ring
	35	3057-4616330-А	4	Left-hand valve of the locking device (Ø12)
	36	50-4607039-А	4	Hood
	37	40-4607033-А-01	2	Washer
	38	40-4607037	1	Bolt
	39	P80-3/4-222-3Гr	1	Distributor
	40	H.036.12.010	2	Choke
41	80-4607130-Б*	1	Pipeline	
42	80-4607120-Б*	1	Pipeline	

* for tractors with power governor

** for tractors with power governor

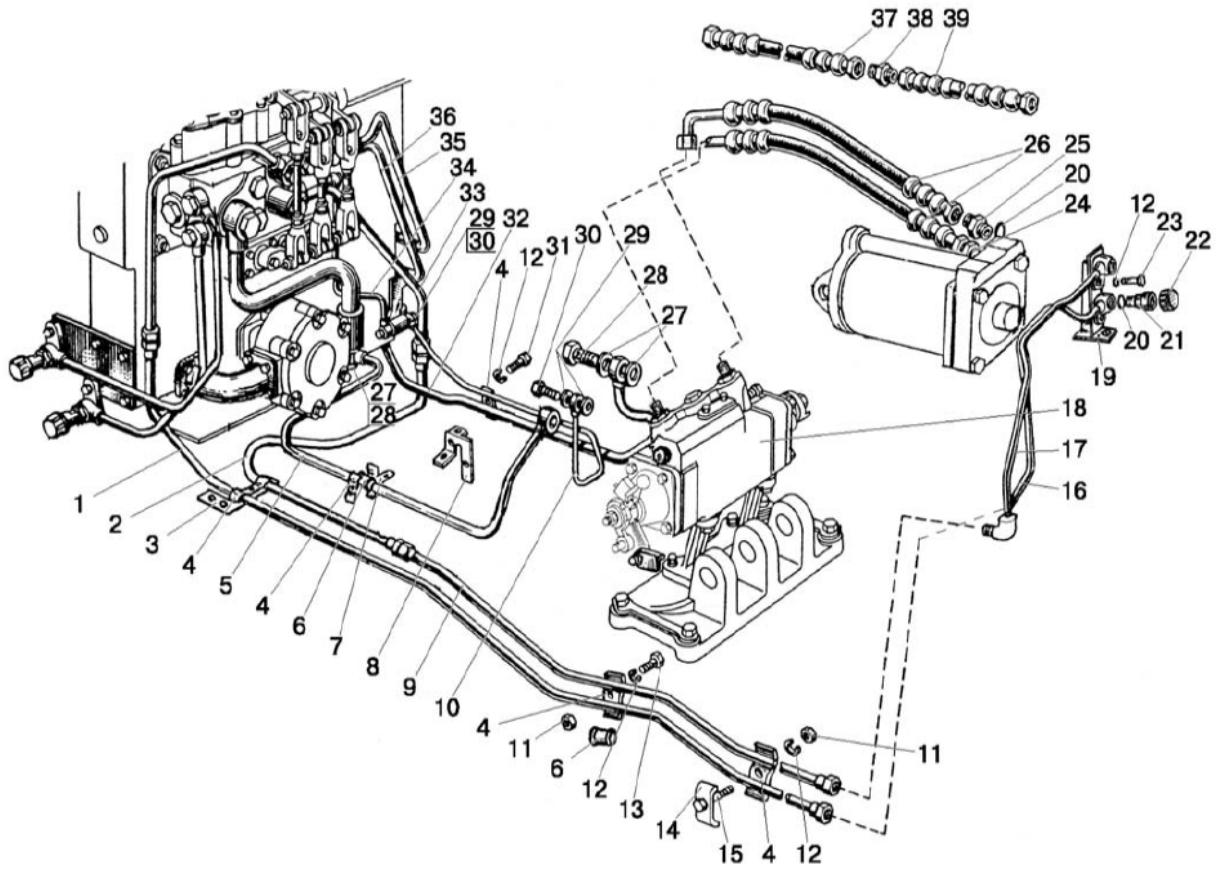


Figure 26.9. Hydraulic units and fittings. Variant with power governor

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings. Variant with power governor*

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.9		40-4607065-A	2	Hose pipe of the hitch (37-39)
	1	H80-4607160	1	Oil pipeline
	2	H80-4607170	1	Oil pipeline
	3	H80-4607206	1	Bracket
	4	70-3407146	4	Slat
	5	80-4607180	1	Tube (with the pump HIII32A-3)
		80-4607180-Б	1	Tube (with the pump HIII32M-3, etc.)
	6	70-3506027	9	Bushing
	7	80-4607169	1	Bracket
	8	70-4607270-A	1	Bracket
	9	H80-4607150	1	Oil pipeline
	10	80-4607200	1	Tube
	11	M8	2	Nut
	12	IIIИ 8	10	Washer
	13	M8x40	2	Bolt
	14	70-4607156	1	Slat
	15	M8 x 45	2	Bolt
	16	70-4607400-Б	1	Tube
	17	70-4607395-Б	1	Tube
	18	80-4614020	1	Governor
	19	85-4607440	1	Bracket
	20	017-022-30-2-2	10	Ring
	21	3057-4616330-A	2	Locking device valve
	22	50-4607039-A	2	Hood
	23	M8x20	2	Bolt
	24	70-1405089	3	Connecting pipe
	25	H.036.65-000-06-A2	1	Valve
	26	680-4607140-05	2	Hose pipe (used with IИ100)
		680-4607140-12	2	Hose pipe (used with IИ110)
	27	40-4607038-A	12	Washer
	28	40-4607032	6	Bolt
	29	Д18-055А-01	4	Ring
	30	Д18-051-01	2	Bolt
	31	M8x35	2	Bolt
	32	80-4607190-Б	1	Tube
	33	80-4607175	1	Tube
	34	80-4607310-A	1	Tube
	35	80-4607110	1	Tube
	36	80-4607115-Б	1	Tube
37	H.036.83.090	2	Hose pipe (optionally)	
38	H. 036.02.002	2	Connecting pipe (optionally)	
39	H.036.83.110	2	Hose pipe (optionally)	

* for Belarus-82.1/820/82P tractors

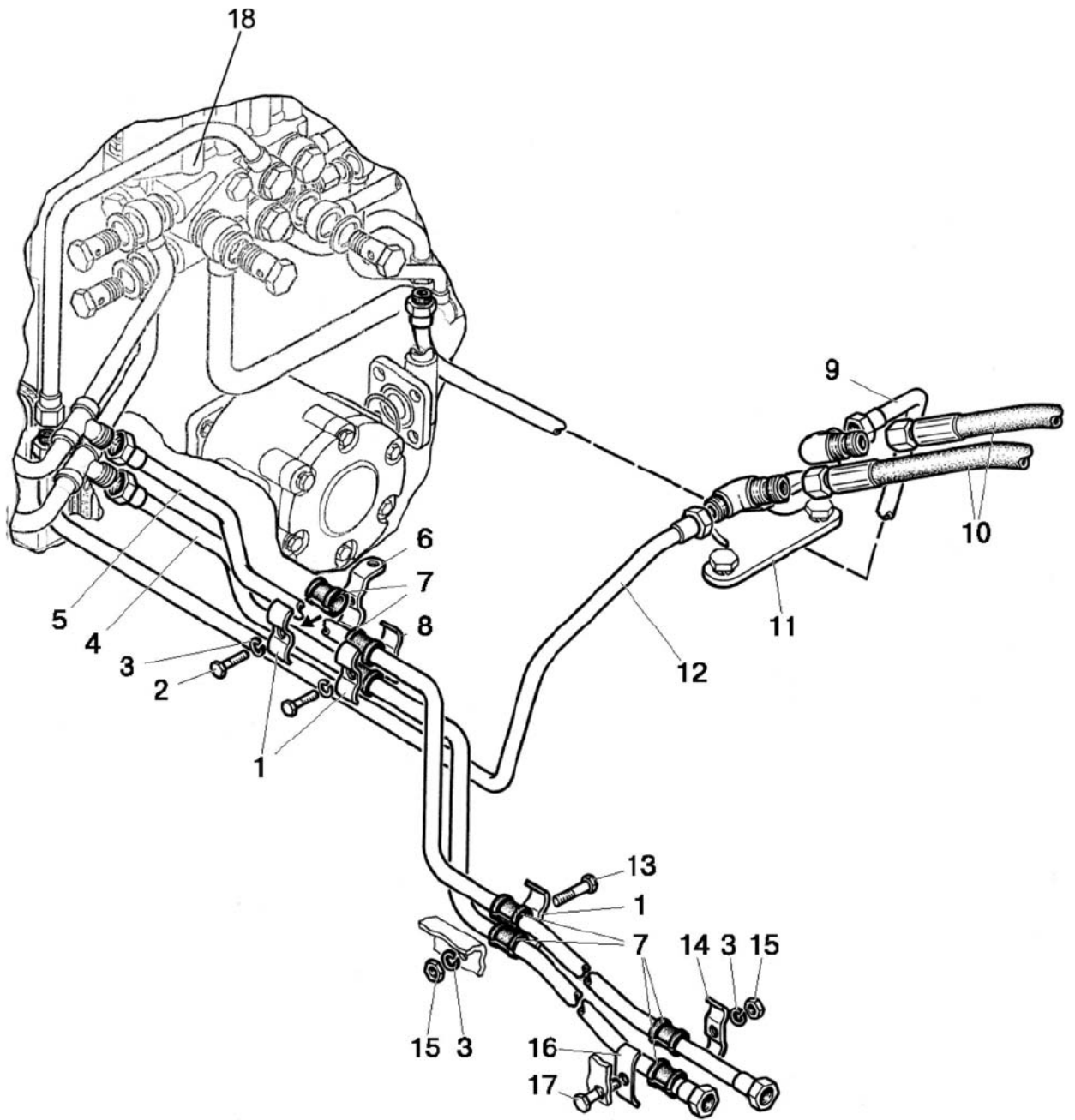


Figure 46.10. Hydraulic units and fittings. Variant without power governor

Group 46. Hydraulic system

Subgroup 4607. Hydraulic units and fittings. Variant without power governor*

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.10	1	70-3407146	3	Slat
	2	M8x30	2	Bolt
	3	IIIИ 8	4	Washer
	4	80-4607140-Б1	1	Tube
	5	80-4607135-Б1	1	Oil pipeline
	6	70-4607178	1	Bracket
	7	70-3506027	8	Bushing
	8	70-3407144	1	Plate
	9	80XM-4607380-A	1	Tube
	10	H.036.83.140	1	High-pressure hose pipe
	11	80-4607050	1	Bracket
	12	80XM-4607370-A	1	Tube
	13	M8x40	1	Bolt
	14	40-4607029-A	1	Slat
	15	M8	2	Nut
	16	70-4607156	1	Slat
	17	M8 x 45	1	Bolt
	18	P80-3/1-222-3 Гr	1	Distributor

* for Belarus-80.1/80.3/80Y/82Y/82.1/82.3 tractors

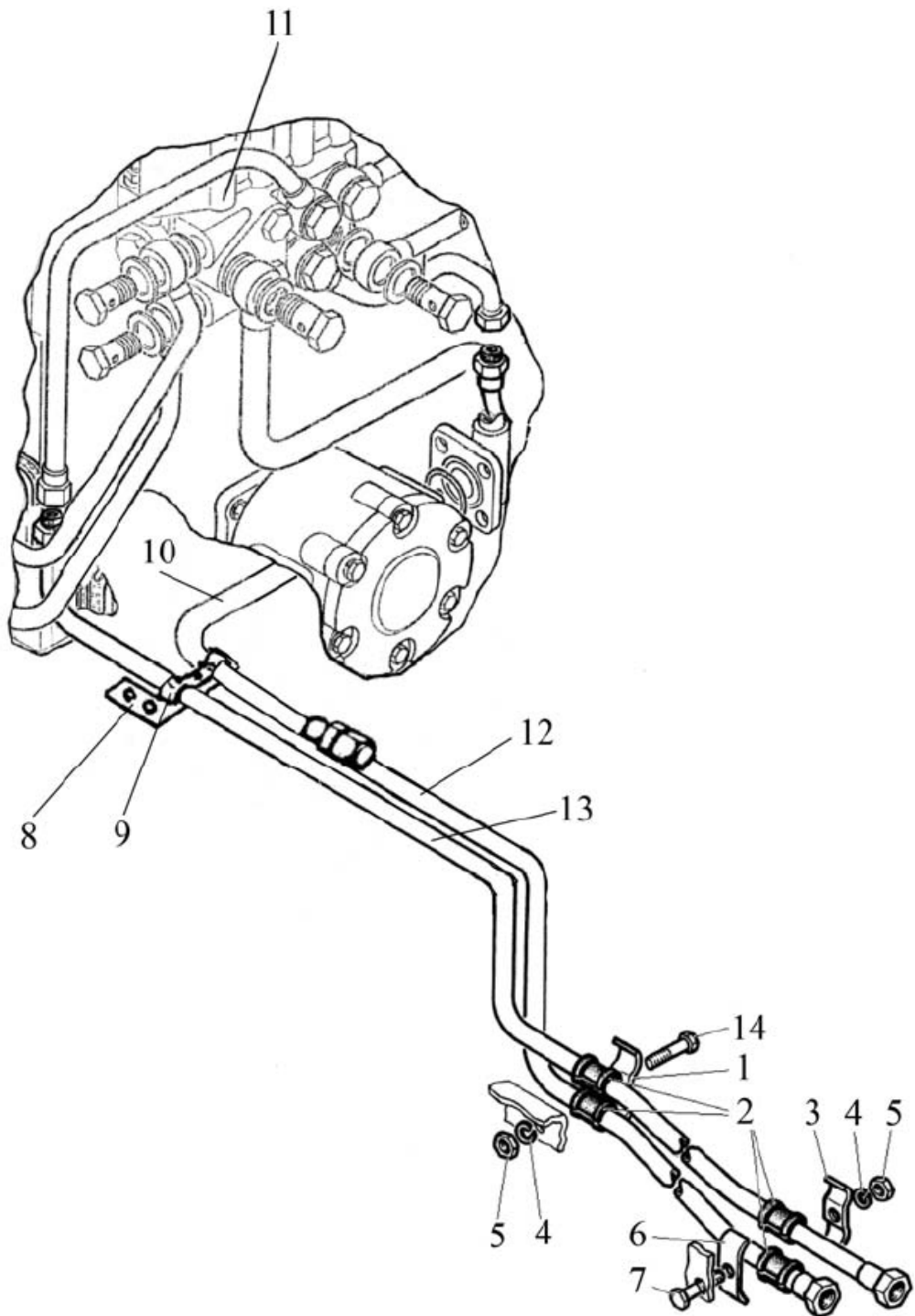


Figure 46.11. Hydraulic units and fittings (for Belarus-82II tractor without mounted attachment)

Group 46. Hydraulic system**Subgroup 4607. Hydraulic units and fittings (for Belarus-82П tractor without mounted attachment)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.11	1, 9	70-3407146	2	Slat
	2	70-3506027	8	Bushing
	3	40-4607029-A	1	Slat
	4	ШШШ 8	4	Washer
	5	M8	2	Nut
	6	70-4607156	1	Slat
	7	M8x45	1	Bolt
	8	H80-4607206	1	Bracket
	10	H80-4607170	1	Oil pipeline
	11	P80-3/1-222-3 Гр	1	Distributor
	12	H80-4607150	1	Oil pipeline
	13	H80-4607160	1	Oil pipeline

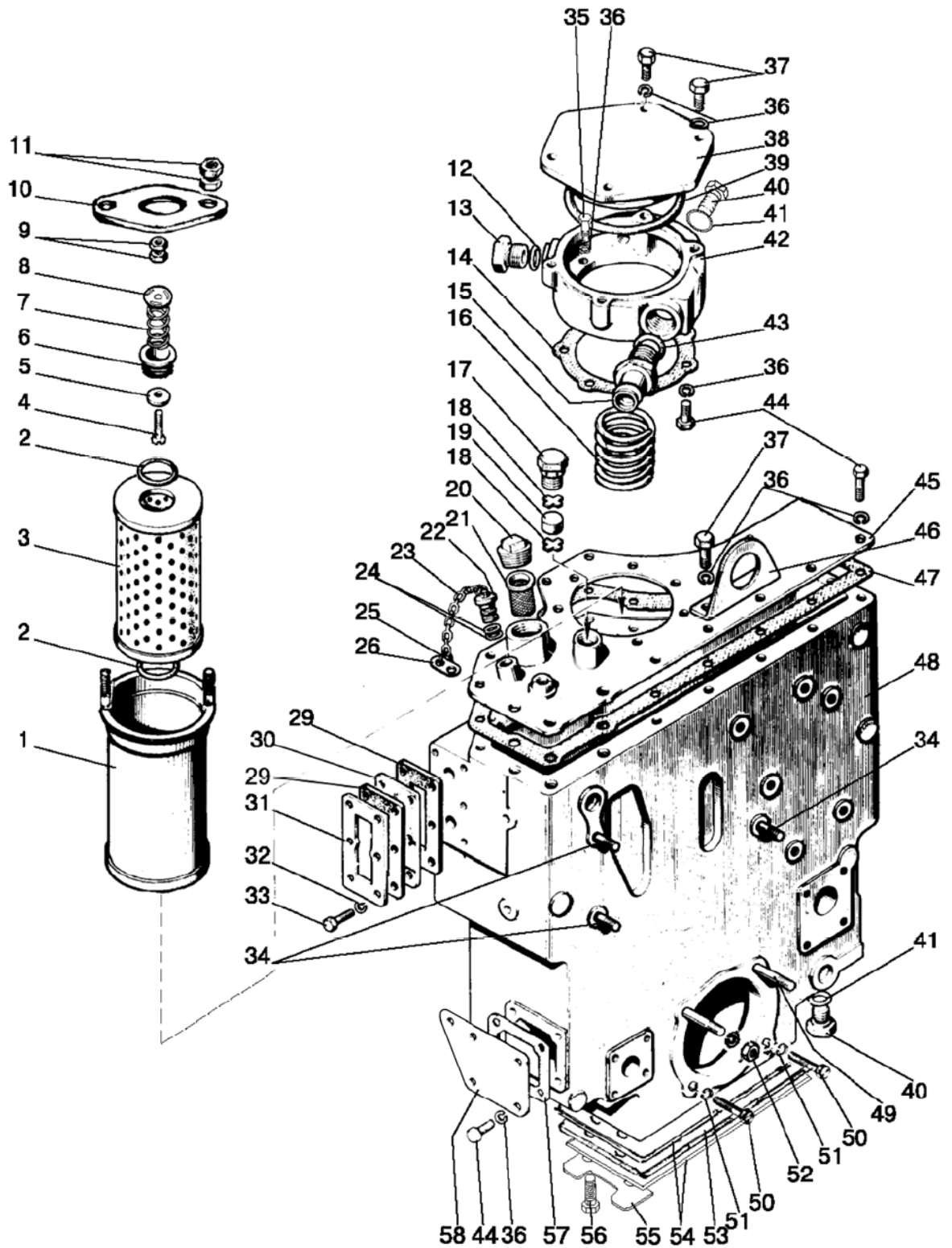


Figure 46.12. Hydraulic units casing and filter

Group 46. Hydraulic system
Subgroup 4608. Hydraulic units casing and filter

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.12		85-4608010-01	1	Hydraulic system casing (1-49, 57, 58)
		85-4608090	1	Valve (22-26)
		A28.04.10.000	1	Valve (4-9)
	1	A28.04.20.000-A1	1	Casing
	2	042-050-46-2-2	2	Ring
	3	635-1	1	Filtering element
	4	BM6 x 40	1	Screw
	5	8.20.004	1	Valve
	6	A28.04.10.001	1	Valve body
	7	8.20.002	1	Spring
	8	8.20.005	1	Washer
	9, 11	M6	6	Nut
	10	A28.04.00.001	1	Limiter
	12	021-025-25-1-4	1	Ring
	13	85-4608021	1	Plug
	14	85-4608089	1	Gasket
	15	85-4607034	1	Connecting pipe
	16	85-4608057	1	Spring
	17	50-4608059	1	Breather plug
	18	50-4608062	2	Breather washer
	19	50-4608063	1	Filter
	20	ПК КГ 1¼"	1	Plug
	21	A61-C06-A3	1	Filter
	22	85-4608091	1	Valve
	23	50-1002460	1	Chain with rings
	24	011-015-25-2-4	2	Ring
	25	36-1101067	2	Ring
	26	50-3407069	1	Locking pin
	29	85-4608086-A	2	Gasket
	30	85-4608087	1	Indicator
	31	85-4608088	1	Plate
	32	IIIП 6	6	Washer
	33	M6x16	6	Bolt
	34	M10 3p/6gx20	3	Pin
	35	M8x30	1	Bolt
	36	IIIП 8	30	Washer
	37	M8x25	5	Bolt
	38	85-4608022	1	Cover
	39	130-135-30-2-4	1	Ring
	40	50-4608027-B	1	Plug
	41	017-022-30-2-2	1	Ring
	42	85-4608018	1	Cage
	43	027-032-30-2-4	1	Ring
	44	M8x20	23	Bolt
	45	85-4608025	1	Cover
	46	80-4608073	1	Bracket
	47	85-4608031	1	Gasket
	48	85-4608016-A	1	Hydraulic system casing
	49	M10 3p/6gx35	2	Pin
	50	M10x40	2	Bolt
	51	IIIП 10	4	Washer
	52	M10	2	Nut
	53	70-4608072	1	Plate
	54	50-4608049	2	Gasket
	55	70-4607168	2	Plate

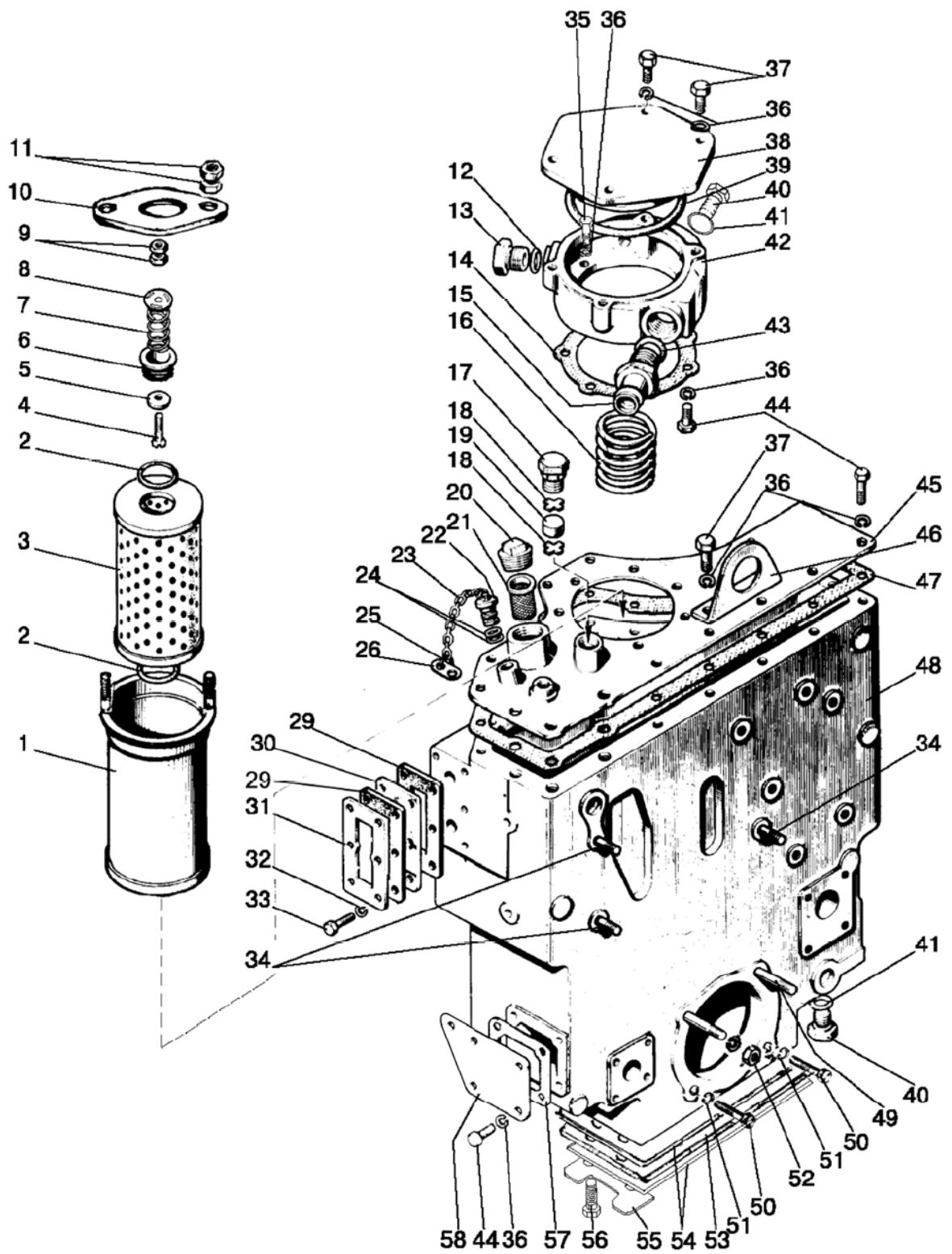


Figure 46.12. Hydraulic units casing and filter

Group 46. Hydraulic system
Subgroup 4608. Hydraulic units casing and filter

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.12	56	M14x1.5x45	4	Bolt
	57	70-4608033	3	Gasket
	58	80-4608019-01	1	Cover

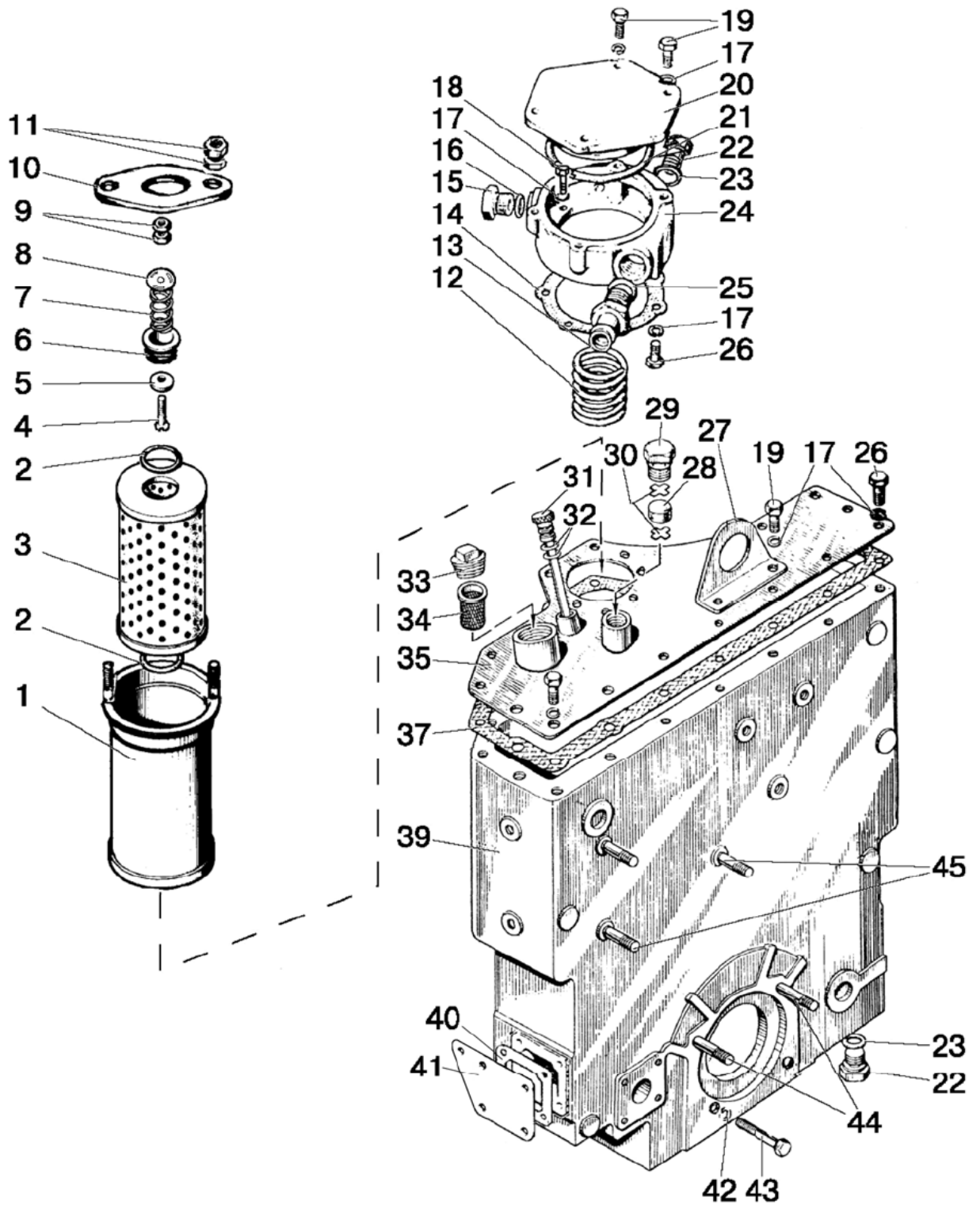


Figure 46.13. Hydraulic units casing and filter. Variant

Group 46. Hydraulic system
Subgroup 4608. Hydraulic units casing and filter. Variant

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.13		80-4608010-B	1	Hydraulic system casing (1-45)
		A28.04.10.000	1	Valve (4-9)
	1	A28.04.20.000-A1	1	Casing
	2	042-050-46-2-2	2	Ring
	3	635-1	1	Filtering element
	4	BM6 x 40	1	Screw
	5	8.20.004	1	Valve
	6	A28.04.10.001	1	Valve body
	7	8.20.002	1	Spring
	8	8.20.005	1	Washer
	9, 11	M6	6	Nut
	10	A28.04.00.001	1	Limiter
	12	85-4608057	1	Spring
	13	85-4607034	1	Connecting pipe
	14	85-4608089	1	Gasket
	15	85-4608021	1	Plug
	16	021-025-25-1-4	1	Ring
	17	IIIИ 8	30	Washer
	18	M8x30	1	Bolt
	19	M8x25	5	Bolt
	20	85-4608022	1	Cover
	21	130-135-30-2-4	1	Ring
	22	50-4608027-B	2	Plug
	23	017-022-30-2-2	2	Ring
	24	85-4608018	1	Cage
	25	027-032-30-2-4	1	Ring
	26	M8x20	23	Bolt
	27	80-4608073	1	Bracket
	28	50-4608063	1	Filter
	29	50-4608059	1	Breather plug
	30	50-4608062	2	Breather washer
	31	70-4608065A	1	Oil gauge
	32	011-015-25-2-2	2	Ring
	33	ПІК КГ 1 1/4"	1	Plug
	34	A61-C06-A3	1	Filter
	35	85-4608025	1	Cover
	37	80-4608031	1	Gasket
	39	80-4608016	1	Casing
	40	70-4608033	1	Gasket
	41	80-4608019-01	1	Cover
	42	IIIИ 10	4	Washer
	43	M10x40	2	Bolt
	44	M10x35	2	Pin
	45	M10x20	3	Pin

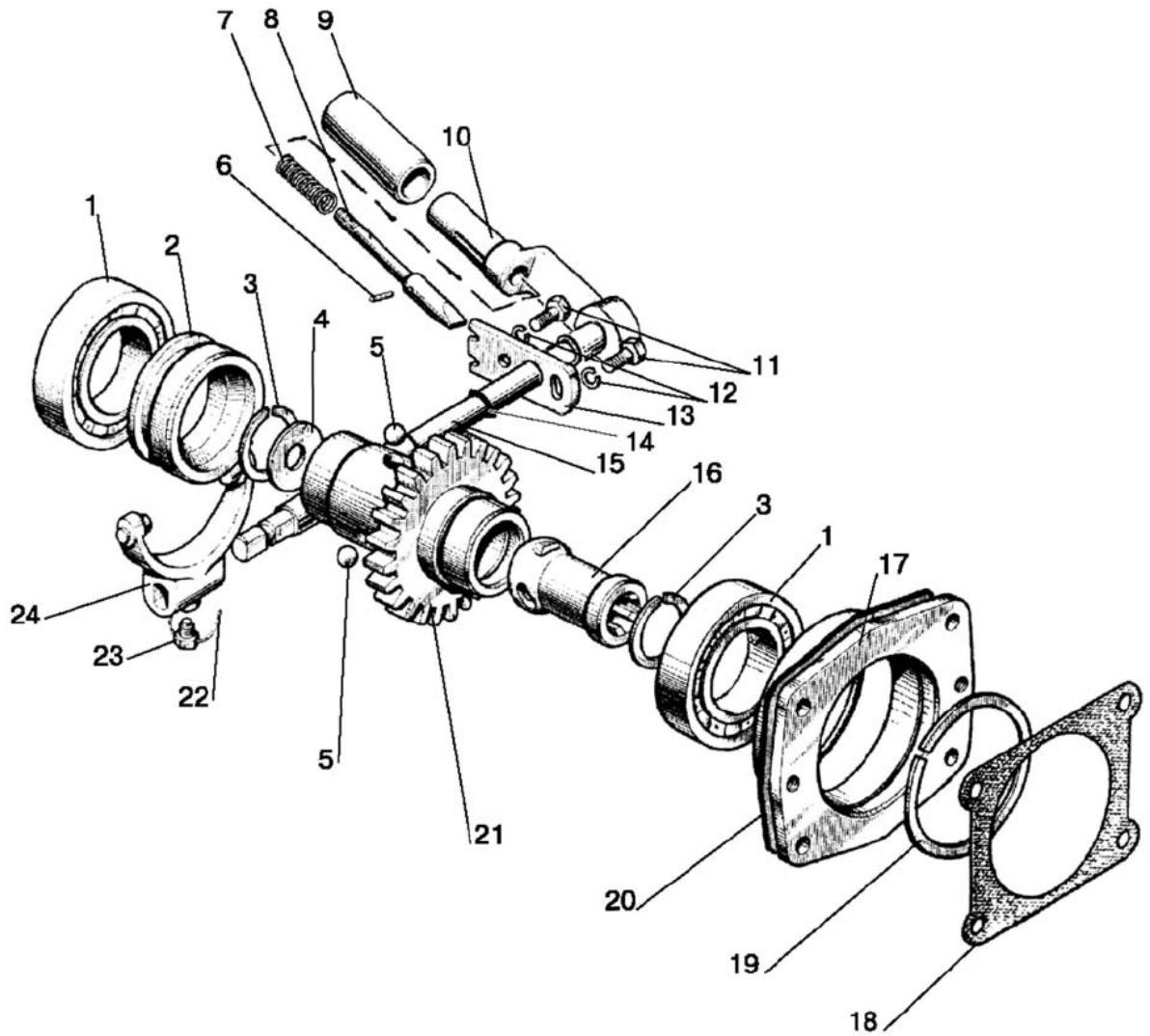


Figure 46.14. Pump drive

**Group 46. Hydraulic system
Subgroup 4604. Pump drive**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.14		80-4604010	1	Pump drive (1-5, 16-21)
		36-1022070-Б	1	Handle (6-10, 15)
		85-4604040-02	1	Handle (6-10)
	1	210A	2	Bearing
	2	85-4604017	1	Clutch
	3	C40	2	Ring
	4	70-1108179	1	Washer
	5	11,113-100	1	Ball
	6	4H8 x 16	1	Pin
	7	36-1022074	1	Spring
	8	36-1022073	1	Catch
	9	36-1022072	1	Cage
	10	36-1022071-Б	1	Handle
	11	M8x16	2	Bolt
	12	IIIИ 8	2	Washer
	13	50-4604044	1	Plate
	14	013-017-25-1-4	1	Ring
	15	50-4604042-Б	1	Shaft
	16	85-4604012	1	Bushing
	17	50-4604036-A	1	Cage
	18	36-1022054-A	1	Gasket
	19	2B90	1	Ring
	20	70-4604037	1	Gasket
	21	80-4604032	1	Gear
22	1-0-C	1	Wire L=150 mm	
23	50-4604046	1	Bolt	
24	85-4604030	1	Fork	

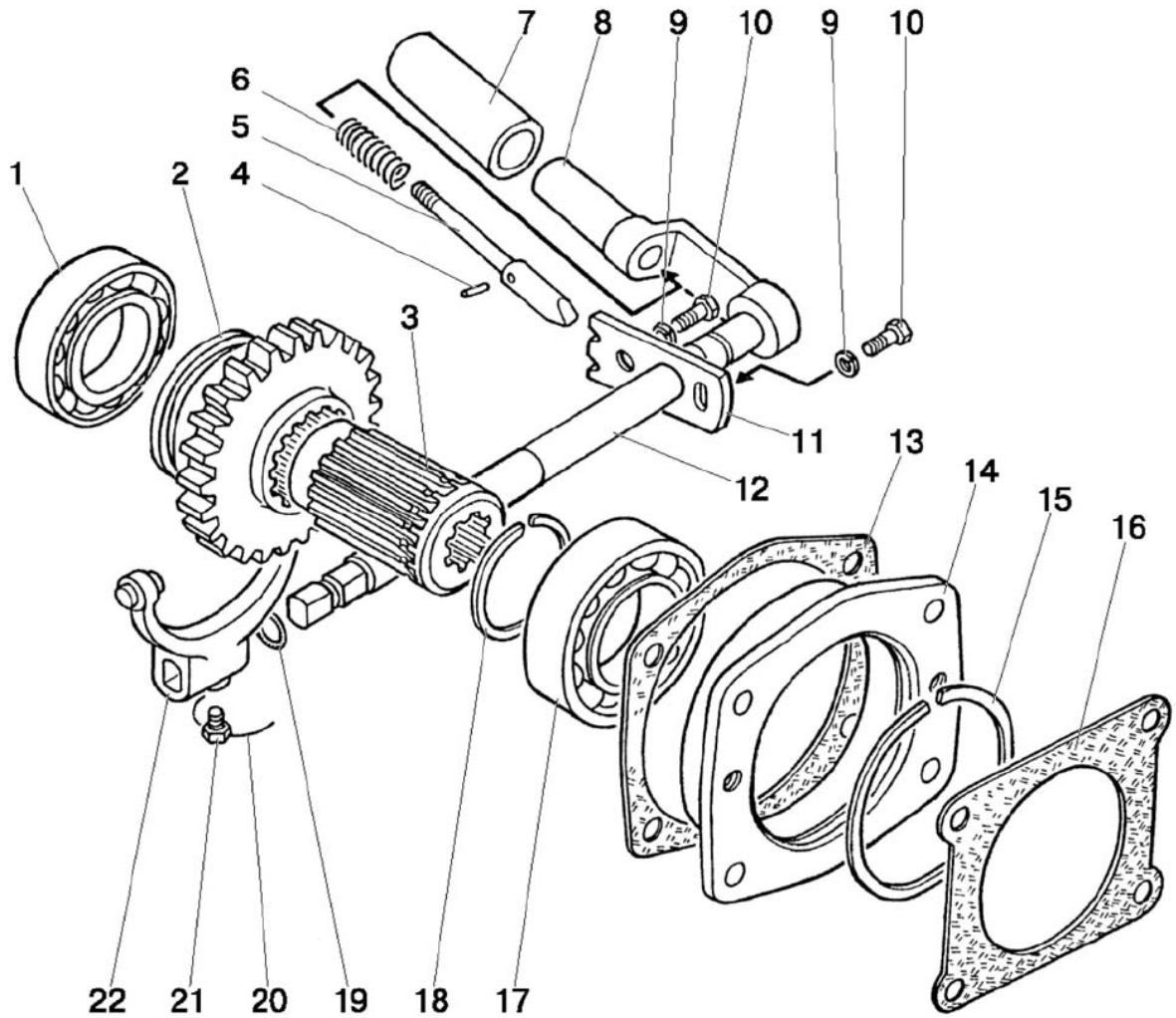


Figure 46.15. Pump drive. Variant

Group 46. Hydraulic system
Subgroup 4604. Pump drive. Variant

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.15		70-4604010	1	Pump drive (1-3, 13-18)
		85-4604040	1	Handle (4-8, 12)
	1	208	1	Bearing
	2	50-4604032-A	1	Gear
	3	70-4604034	1	Shaft
	4	4H8 x 16	1	Pin
	5	36-1022073	1	Catch
	6	36-1022074	1	Spring
	7	36-1022072	1	Handle cage
	8	36-1022071-Б	1	Handle
	9	ИИИИ 8	2	Washer
	10	M8 x 6	2	Bolt
	11	50-4604044	1	Plate
	12	50-4604042-Б	1	Shaft
	13	70-4604037	1	Gasket
	14	50-4604036-A	1	Cage
	15	2B90	1	Ring
	16	36-1022054-A	1	Gasket
	17	210A	1	Bearing
	18	2B50	1	Ring
	19	013-017-26-1-4	1	Ring
	20	1-0-C	1	Wire L=150 mm
21	50-4604046	1	Fork bolt	
22	50-4604030	1	Fork	

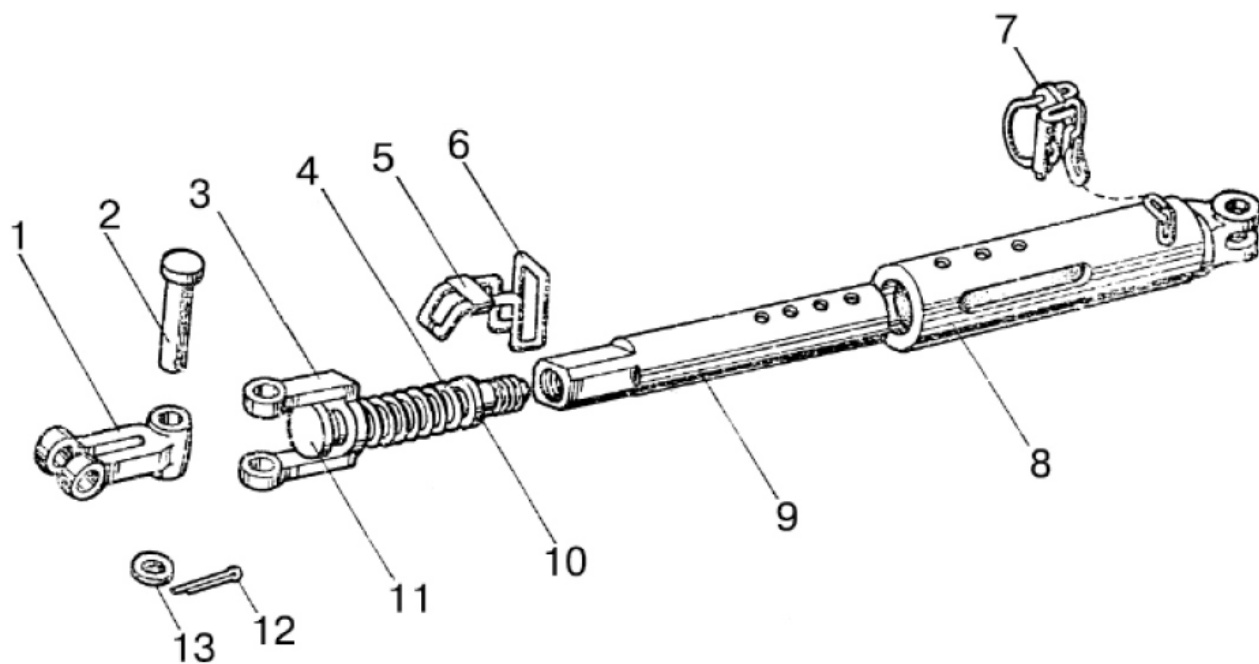


Figure 46.16. Telescopic drawbar

Group 46. Hydraulic system
Subgroup 4605. Telescopic drawbar

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.16		80-4605280	2	Telescopic drawbar (1-13)
	1	80-4605281	2	Fork
	2	16x80 or	2	Pin
		80- 4605283	2	Axle
	3	80-4605282	2	Shackle
	4	50-4609018	2	Spring
	5	80-4605293	2	Plate
	6	80-4605289	2	Handle
	7	80-4605290	2	Locking pin
	8	80-4605285-Б	2	Tube
	9	80-4605288-Б	2	Slider
	10	ШП 20	2	Washer
	11	80-4605284	2	Screw
12	3.2x25	2	Cotter pin	
13	ШП 16	2	Washer	

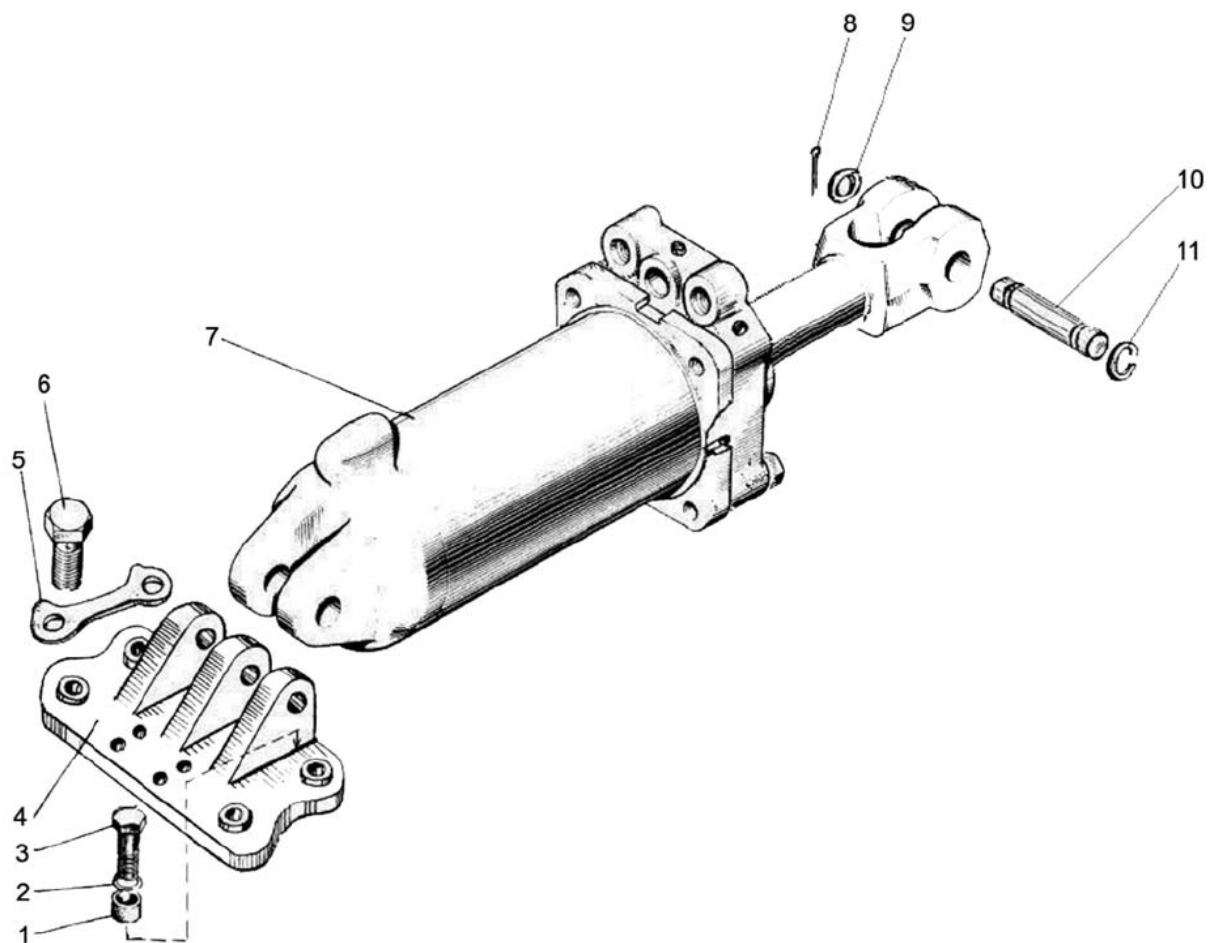


Figure 46.17. Hydraulic cylinder II 100x200

Group 46. Hydraulic system
Subgroup П 100. Hydraulic cylinder П 100x200

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.17	1	70-4605041	2	Bushing
	2	ППЧ 20	2	Washer
	3	70-4605036-01	2	Bolt
	4	70-4605017-A	1	Bracket
	5	70-4605034	2	Plate
	6	70-4605036	2	Bolt
	7	П100x200-3	1	Hydraulic cylinder
	8	5x36	1	Cotter pin
	9	70-4619042	1	Washer
	10	П90-1212037M	1	Pin
	11	50-34 06022A	1	Ring

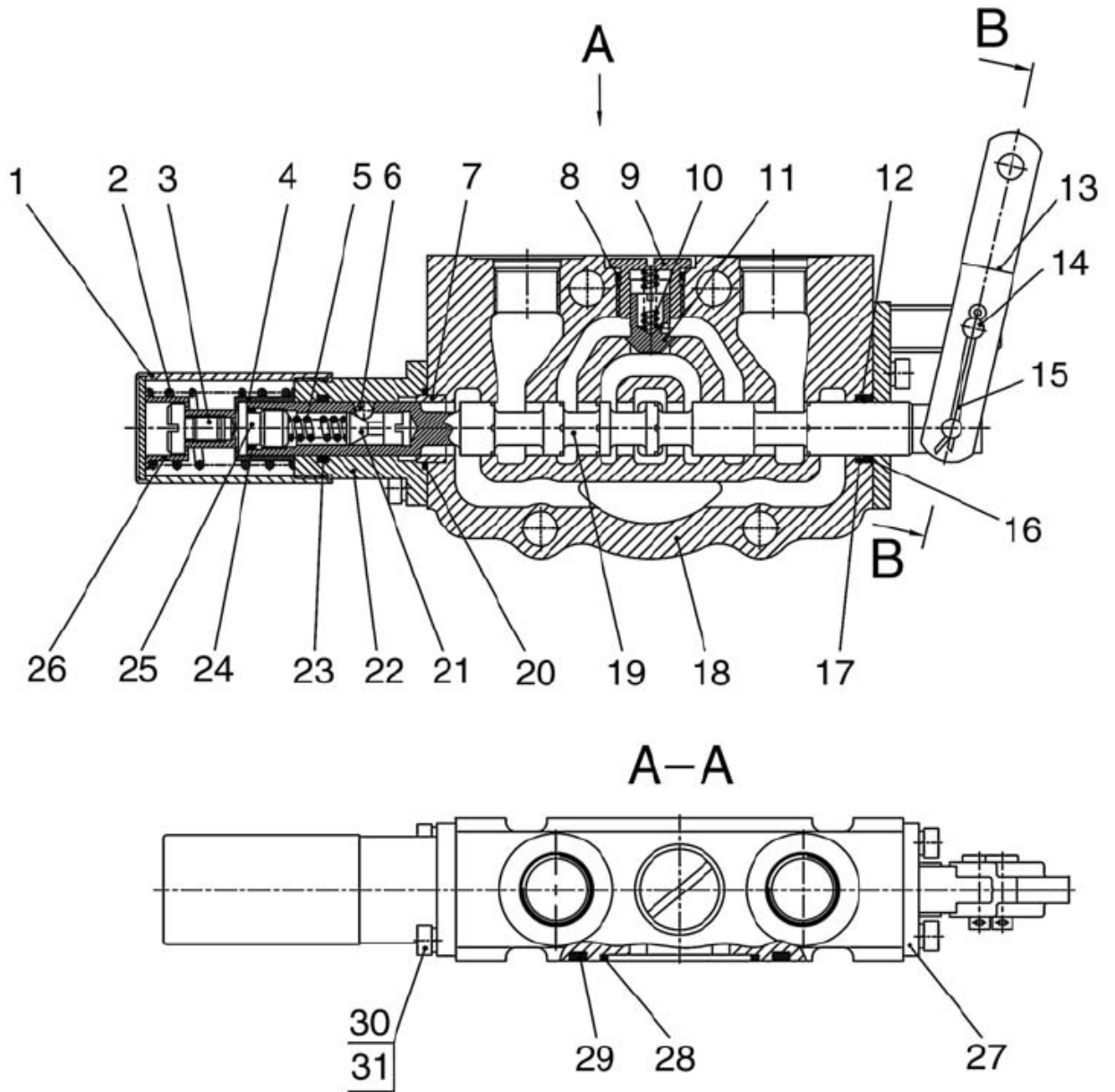


Figure 46.18. PII70 hydraulic distributor

**Group 46. Hydraulic system
Subgroup PII70. PII70 hydraulic distributor.**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.18		PII70-8-0-M	1	Hydraulic distributor
	1	PII70-090	1	Tube
	2	P16.3.10.10	1	Spring
	3	PII70-026	1	Screw
	4	PII70-018-01	1	Plate
	5	PII70-033	1	Spring
	6	5-100	3	Ball 5-100
	7	PII70-021	1	Bushing
	8	017-020-19-2-2	1	Ring
	9	PII70-024	1	Plug
	10	PII70-027	1	Spring
	11	PII70-023	1	Gripping device
	12	PII70-031	1	Ring
	13	PII70-042	2	Slat
	14	6x18	2	Pin
	15	2x40.019	3	Cotter pin
	16	PII70-032	1	Ring
	17	017-020-19-2-2	2	Ring
	18	PII70-011	1	Casing
	19	PII70-013	1	Sliding valve
	20	021-024-19-2-6	1	Ring
	21	PII70-019	1	Catch
	22	PII70-014	1	Clamp
	23	016-020-25-2-2	1	Ring
	24	009-012-19-1-4	1	Ring
	25	PII70-016	1	Threaded sleeve
	26	PII70-018	1	Plate
	27	PII70-070	1	Bracket
	28	036-040-25-2-2	1	Ring
	29	060-066-36-2-2	1	Ring
	30	BM5x12	4	Screw
31	IIIPI 5	4	Washer	

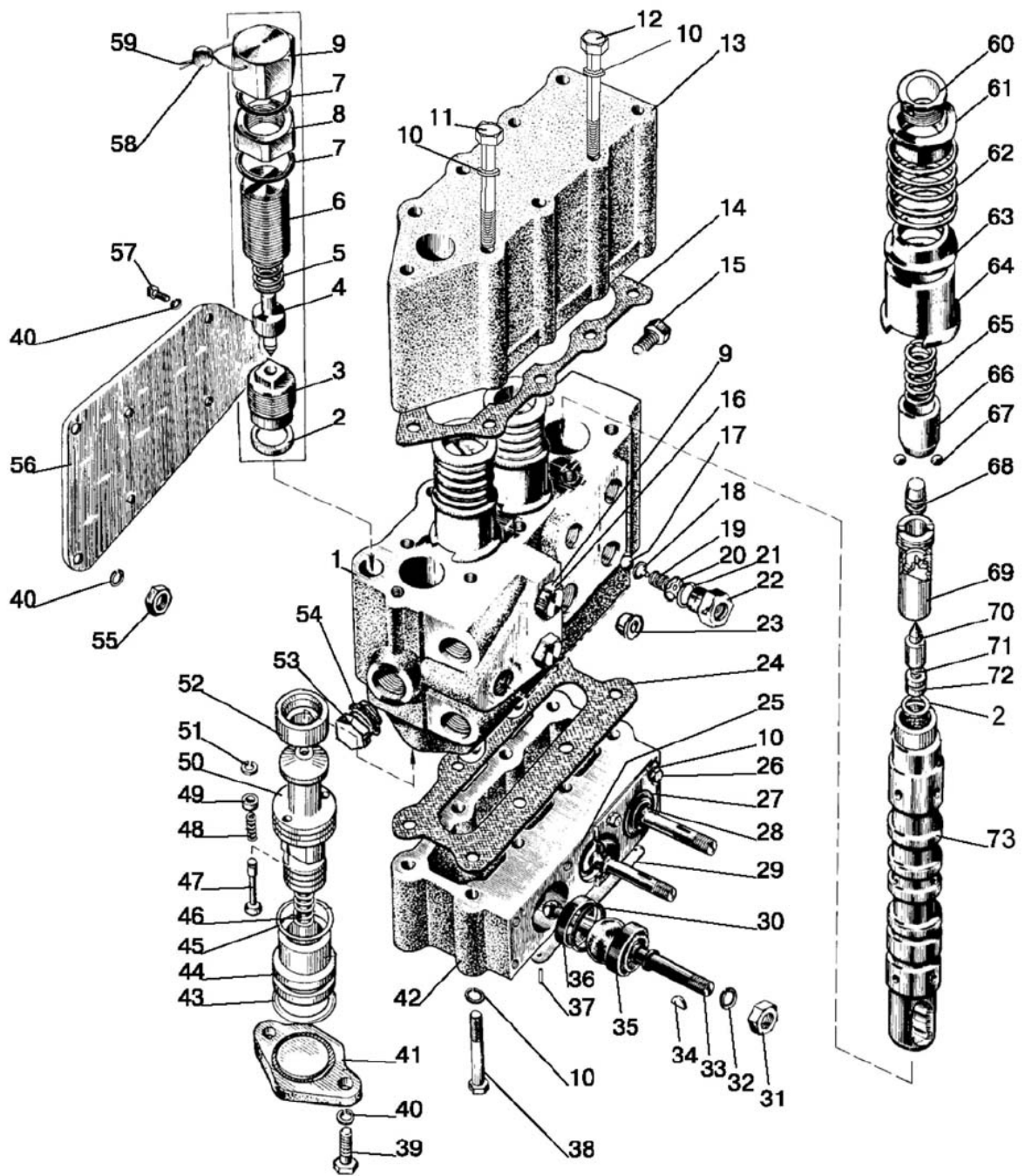


Figure 46.19. P 80 hydraulic distributor

**Group 46. Hydraulic system
Subgroup P 80. P 80 hydraulic distributor**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.19		P80-3/4-222-3Гр	1	Hydraulic distributor (1-74)
		P80-23.20.030	1	Sliding valve (60-73)
	1	P80-23.30.421*	1	Casing
		P80-23.30.421-01**	1	Casing
	2	P75-B-028-A	7	Gasket
	3	P80-23.20.063	1	Housing
	4	МКПВ-16/3Ф-101	1	Needle
	5	МКПВ-16/3Ф-104	1	Spring
	6	P80-049 Б	1	Adjusting screw
	7	017-022-30-2-2	3	Ring
	8	P75-058-Б	1	Nut
	9	P75-051-Б	1	Cap
	10	ШП 8	25	Washer
	11	M8x110	3	Bolt
	12	M8x100	6	Bolt
	13	P80-23.20.123 or P80-23.20.123-Б	1	Bottom cover
	14	P40/75-0708039-Б	1	Gasket
	15	КТ 1/4"	1	Plug
	16	50-4608027-Б	1	Choke
	17	14,288	3	Ball
	18	P80-23.20.007	3	Guide
	19	P80-23.20.002	3	Spring
	20	P80-23.20.003	3	Washer
	21	024-028-25-2-2	3	Ring
	22	P80-23.20.004	2	Adapter
	23	P75-090А	6	Choke (auxiliary)
	24	P75-3-038	1	Gasket
	25	P75-3-057	1	Plate of rings
	26	M8x20	8	Bolt
	27	P75-3-055-Б	1	Dust cap plate
	28	P75-056M	3	Dust cap
	29	P80-23.20.353-Г1	1	Data plate
	30	028-033-30-2-2	3	Ring
	31	M12x1.25	3	Nut
	32	ШП 12	3	Washer
	33	P75-054-Б	3	Lever
	34	3x6.5	3	Key
	35	P80-23.20.065	3	Ring
	36	P80-23.20.064	3	Ring
	37	2 x 6	2	Rivet
	38	M8 x 55	8	Bolt
	39	M10x25	2	Bolt
	40	ШП 10	2	Washer
	41	P80-23,20.071Б	1	Stop
	42	P80-23.20.022 or P80-23.20.022-А	1	Top cover
43	032-037-30-2-2	1	Ring	
44	P80-23.30.073	1	Guide	
45	025-030-30-2-3	1	Ring	

* for P80-3/1-222

** for P80-3/4-222

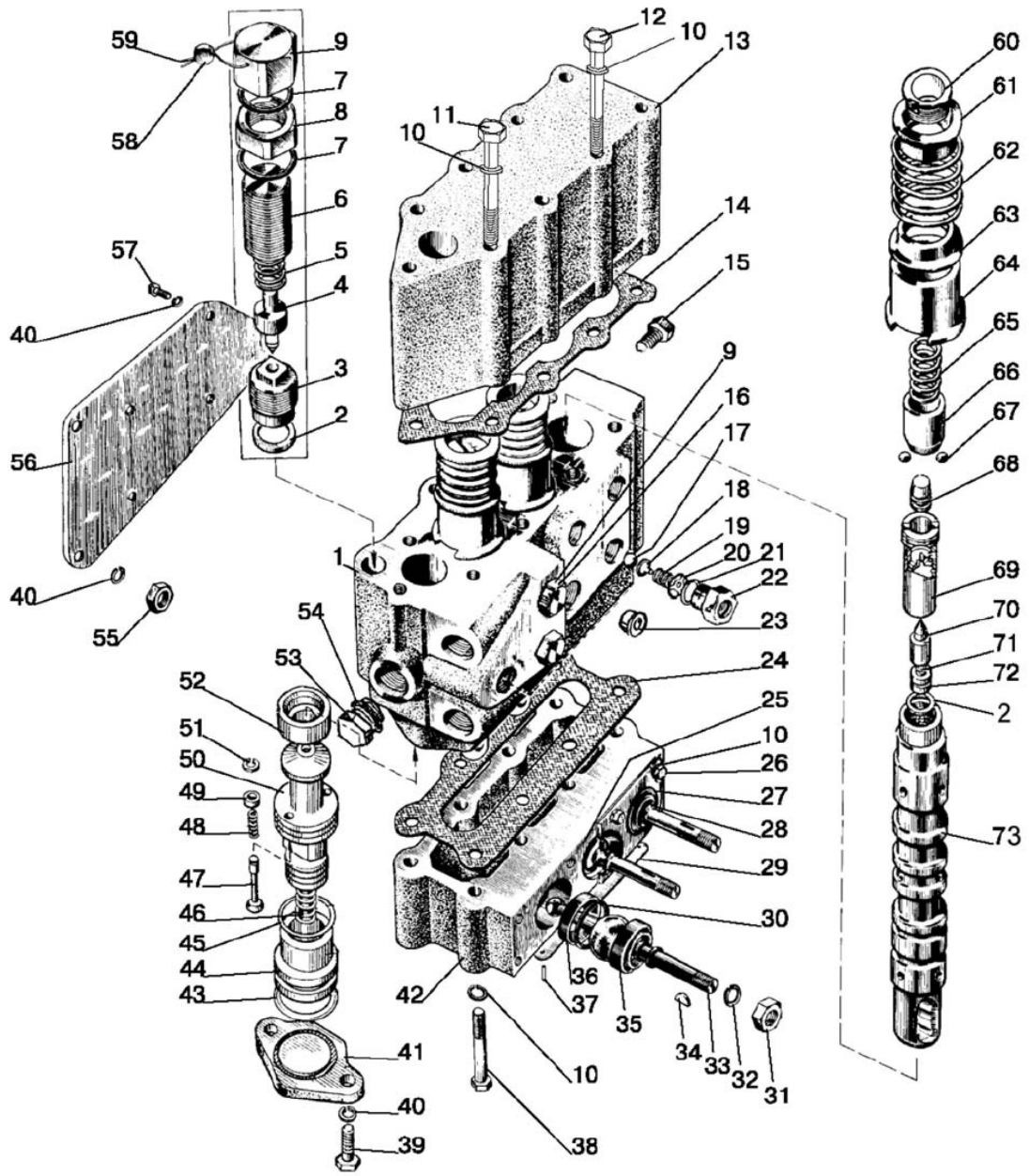


Figure 46.19. P 80 hydraulic distributor

**Group 46. Hydraulic system
Subgroup P 80. P 80 hydraulic distributor**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.19	46	P75-072*	1	Spring
		P80-23P.20.072**	1	Spring
	47	P75-B3BP-081-A**	1	Valve
	48	P75-B3BP-082**	1	Spring
	49	P80-23P.20.085**	1	Washer
	50	P80-23.20.041*	1	Overflow valve
		P80-23P.20.084**	1	Overflow valve
	51	IIIП 1.6**	1	Washer
	52	P80-23.20.043	1	Valve housing
	53	85-4608021-Б	1	Plug
	54	025-029-25-2-2	1	Ring
	55	M10	3	Nut
	56	50-4607032-Б	1	Bracket
	57	M10x20	4	Bolt
	58	P40/75-0808076	1	Seal
	59	1.0x100	1	Wire
	60	P80-23.20.137	3	Plug
	61	P75-033	3	Bottom cage
	62	P80-23.20.035	3	Spring
	63	P75-034	3	Top cage
	64	P80-23.20.031	3	Fixture
	65	P75-B-032	3	Spring
	66	P75-B-029	3	Bushing
	67	6.35-100	9	Ball
	68	P80-23.20-025	3	Booster
	69	P80.23.20.046-Б	3	Sleeve
	70	P80-23.20.045	3	Plunger
71	P80-23.20.036	3	Spring	
72	P80-23.20.027	3	Housing	
73	P80-23.20.224	3	Sliding valve	

* per P80-3/1-222

** per P80-3/4-222

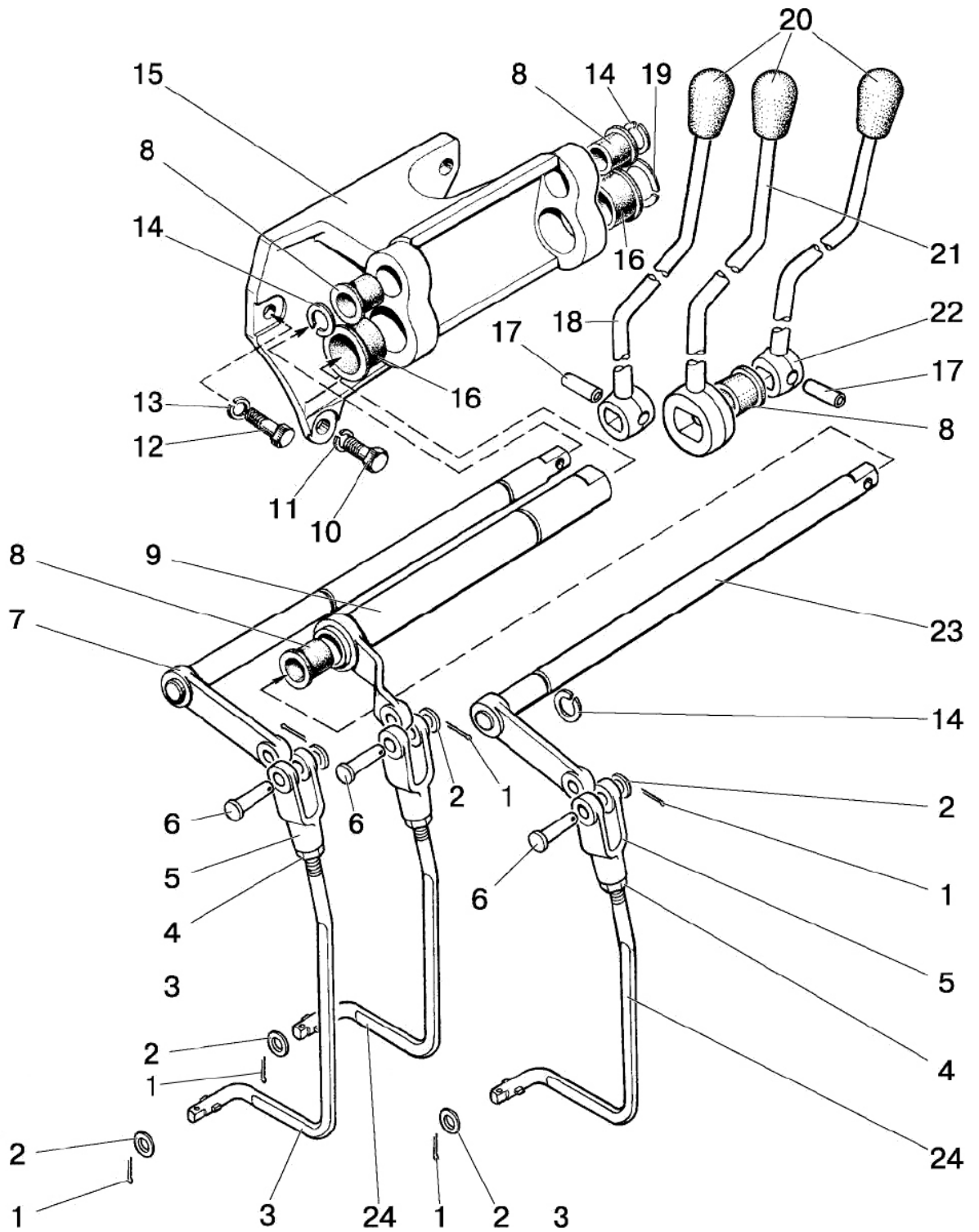


Figure 46.20. PII70 hydraulic distributor control

Group 46. Hydraulic system
Subgroup 4607. ПИ70 hydraulic distributor control

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.20	1	3.2x18	3	Cotter pin
	2	70-4607144	3	Washer
	3	P1221-4607261-01	1	Rod
	4	M8	3	Nut
	5	A20-213A	3	Fork
	6	A61-030-A1	3	Pin
	7	80-4607250	1	Shaft
	8	50-4607078-A	4	Bushing
	9	80-4607230	1	Shaft
	10	M12x30	2	Bolt
	11	IIIИ 12	2	Washer
	12	M10x35	1	Bolt
	13	IIIИ 10	1	Washer
	14	2Б18	3	Ring
	15	85-4607017	1	Bracket
	16	50-4607079-A1	2	Bushing
	17	8x30	2	Pin
	18	C80-4607080-01	1	Lever
	19	2Б32	1	Ring
	20	70-3401093	3	Lever head
	21	C80-4607090	1	Lever
	22	C80-4607080	1	Lever
	23	80-4607220	1	Shaft
	24	P1221-4607261	2	Rod

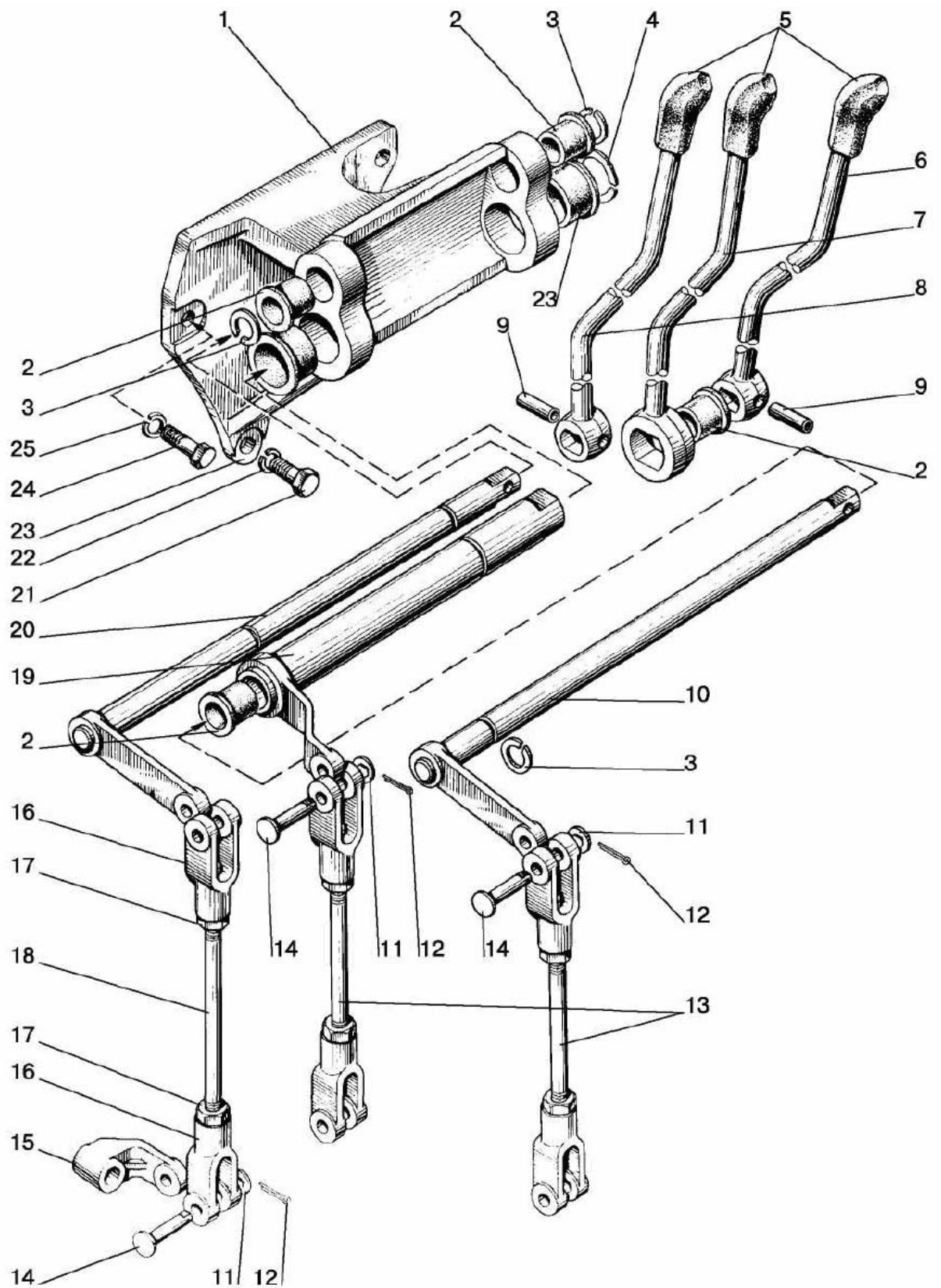


Figure 46.21. P80 hydraulic distributor control

**Group 46. Hydraulic system
Subgroup 4607. P80 hydraulic distributor control**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.21		80-4607040	1	Bracket (1-23)
		80-4607260-03	2	Rod (13, 16, 17) L=178mm
		80-4607260-04	1	Rod (16-18) L=227 mm
	1	85-4607017	1	Bracket
	2	50-4607078-A	4	Bushing
	3	2Б18	3	Ring
	4	2Б32	1	Ring
	5	A61.01.014	3	Handle
	6	85-4607041-A	1	Lever
	7	85-4607042-A	1	Lever
	8	85-4607041-A-01	1	Lever
	9	8x30	2	Pin
	10	80-4607220	1	Shaft
	11	70-4607144	6	Washer
	12	3.2x18	6	Cotter pin
	13	80-4607087-01	2	Rod L=102 mm
	14	A61-030-A1	6	Pin
	15	50-4607086-A	3	Lever
	16	A20.213-A	6	Fork
	17	M8	6	Nut
	18	80-4607087-02	1	Rod L=148 mm
	19	80-4607230	1	Shaft
	20	80-4607250	1	Shaft
	21	M12x30	2	Bolt
	22	IIIИ 12	2	Washer
23	50-4607079-A1	2	Bushing	
24	M10x35	1	Bolt	
25	IIIИ 10	1	Washer	

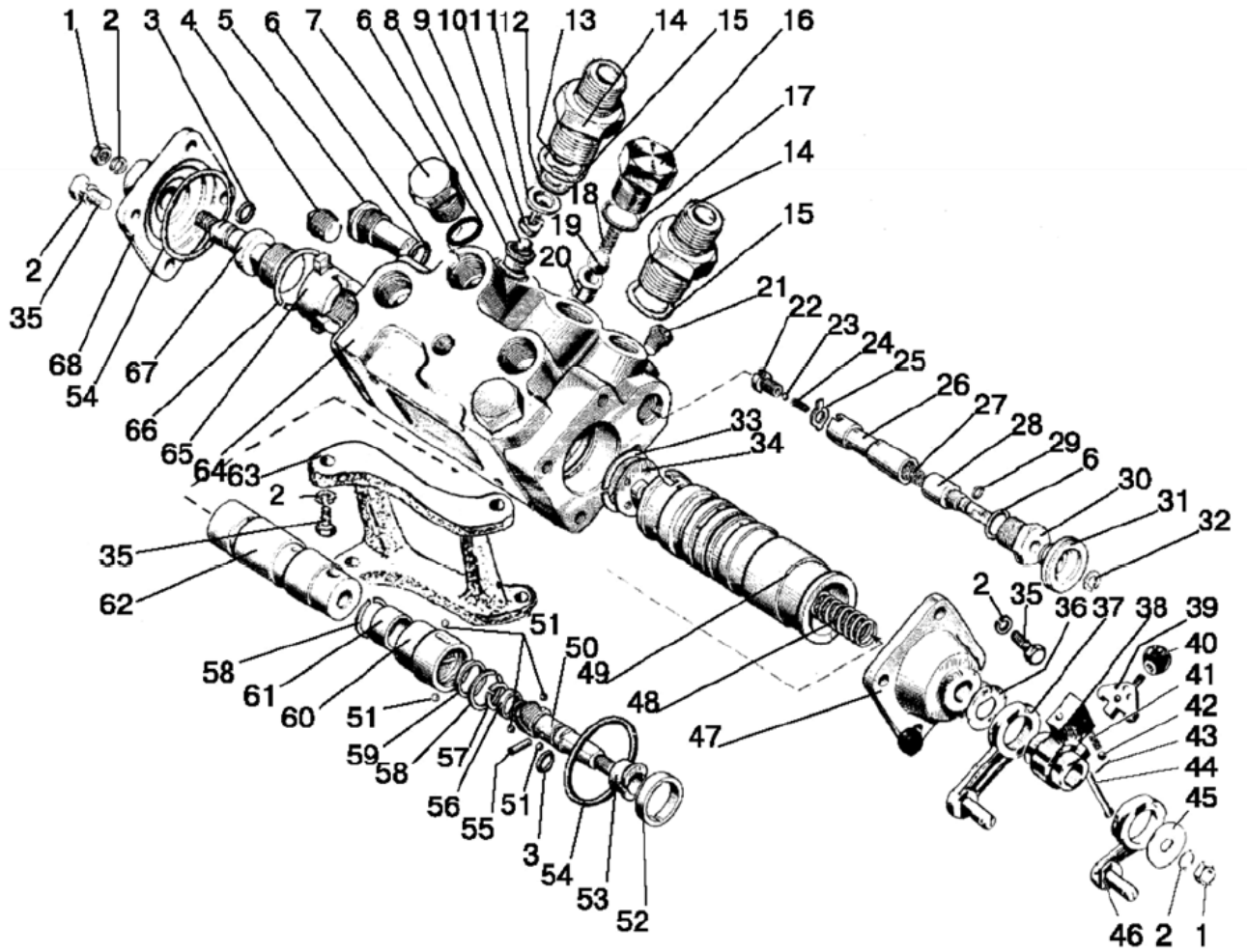


Figure 46.22. Governor

**Group 46. Hydraulic system
Subgroup 4614. Governor**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description	
46.22		80П-4614210	1	Governor with bracket (1-69)	
		80-4614020	1	Governor (1-62, 64-69)	
		80-4614030	1	Sleeve screw (54, 68)	
		80-4614040	1	Sliding valve screw (50, 51, 53, 55-61)	
		80-4614070	1	Plunger (22-26)	
		80-4614090	1	Shutoff valve (8-13)	
	1		M10	2	Nut
	2		IIIП 10	12	Washer
	3		011-016-30-1-4	2	Ring
	4		КГ1/4"	1	Plug
	5		80-4614087	1	Plug
	6		018-022-25-2-3	4	Ring
	7		P50-4614062	2	Choke
	8		80-4614091	1	Seat
	9		7,938-100	1	Ball
	10		80-4614093	1	Guide
	11		80-4614094	1	Protective ring
	12		014-017-19-1-4	1	Ring
	13		80-4614092	1	Spring
	14		70-1405089	2	Connecting pipe
	15		017-022-30-2-2	2	Ring
	16		P50-4614019-Б	1	Valve body
	17		022-027-30-2-3	1	Ring
	18		A61-072	1	Spring
	19		14,288-200	1	Ball
	20		P50-4614018	1	Seat
	21		КГ1/8"	4	Plug
	22		80-4614085	1	Plug
	23		6,350-100	1	Ball
	24		80-4614058	1	Spring
	25		80-4614065	1	Washer
	26		80-4614064	1	Plunger
	27		80-4614086	1	Spring
	28		80-4614063	1	Screw
	29		005-008-19-1-3	1	Ring
	30		80-4614037	1	Choke
	31		80-4614071	1	Flywheel
	32		B8 (2C8)	1	Ring
	33		B36 (C36)	1	Ring
	34		P50-4614017	1	Washer
	35		M10x20	12	Bolt
	36		P50-4614052	1	Washer
	37		P50-4614080-A	1	Lever
	38		P50-41614048-Б1	1	Clutch
	39		P50-4614049-Б	1	Catch
	40		P50-4614054	1	Handle
	41		P50-4614072	1	Spring
	42		5.556-60	2	Ball
	43		2x 12	1	Cotter pin
44		P50-4614051	1	Axle	
45		P50-4614053	1	Washer	
46		P50-4614090	1	Lever	
47		80-4614060	1	Left cover	
48		80-4614014	1	Spring	
49		80-4614012	1	Sleeve	

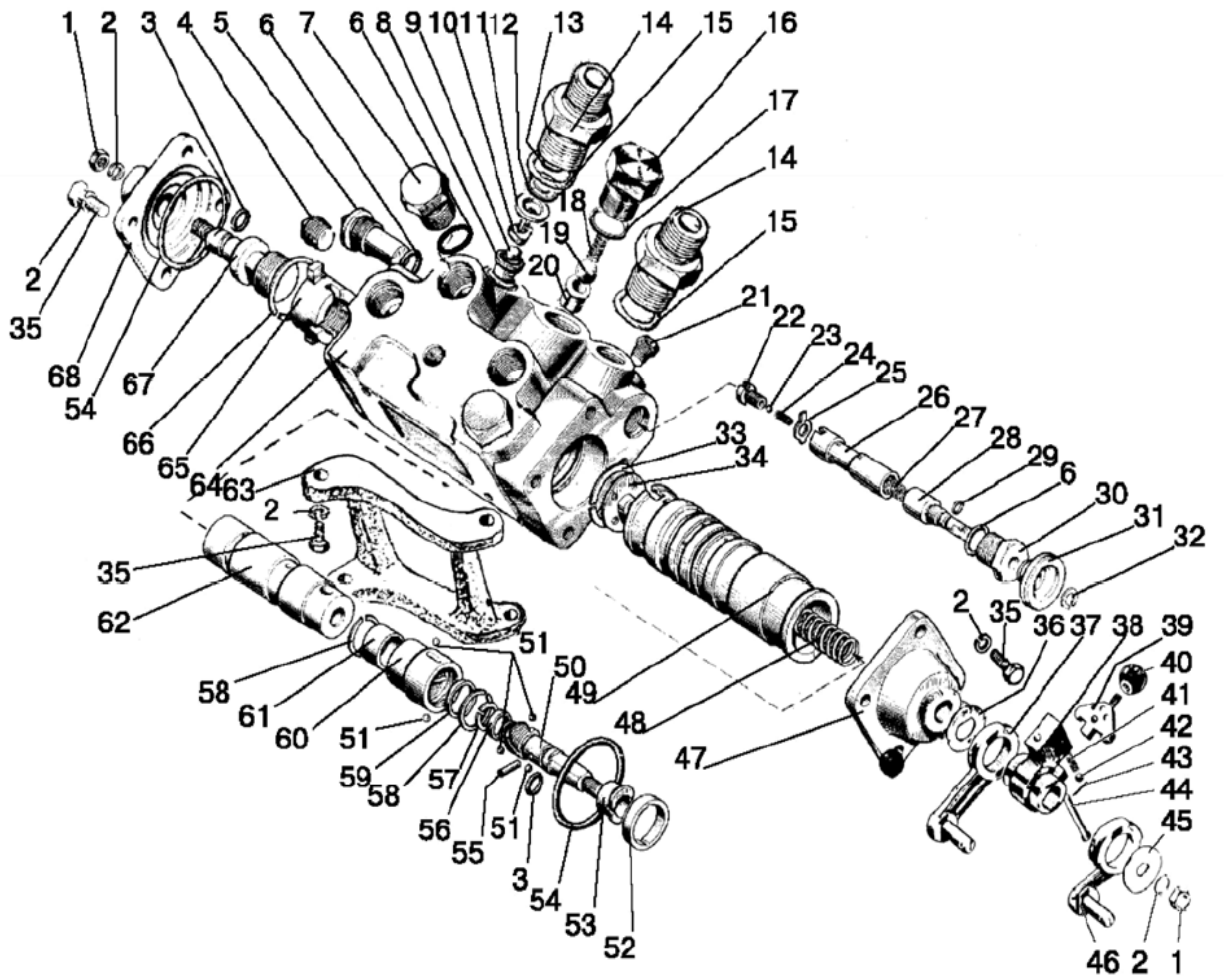


Figure 46.22. Governor

**Group 46. Hydraulic system
Subgroup 4614. Governor**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.22	50	80-4614041	1	Sliding valve screw
	51	3,969	5	Ball
	52	80-4614027	1	Washer
	53	80-4614043	1	Bushing
	54	056-060-25-2-2	2	Ring
	55	A4x20	1	Pin
	56	80-4614044	1	Washer
	57	C15	1	Ring
	58	C25	2	Ring
	59	80-4614046	1	Bushing
	60	80-4614042	1	Sliding valve screw
	61	80-4614045	1	Bushing
	62	80-4614013	1	Sliding valve
	63	70-4614032-A	1	Bracket
	64	80-4614011-01	1	Governor casing
	65	80-4614024	1	Sleeve nut
	66	B38	1	Ring
	67	80-4614022	1	Sleeve screw
68	P50-4614015-B-01	1	Right cover	

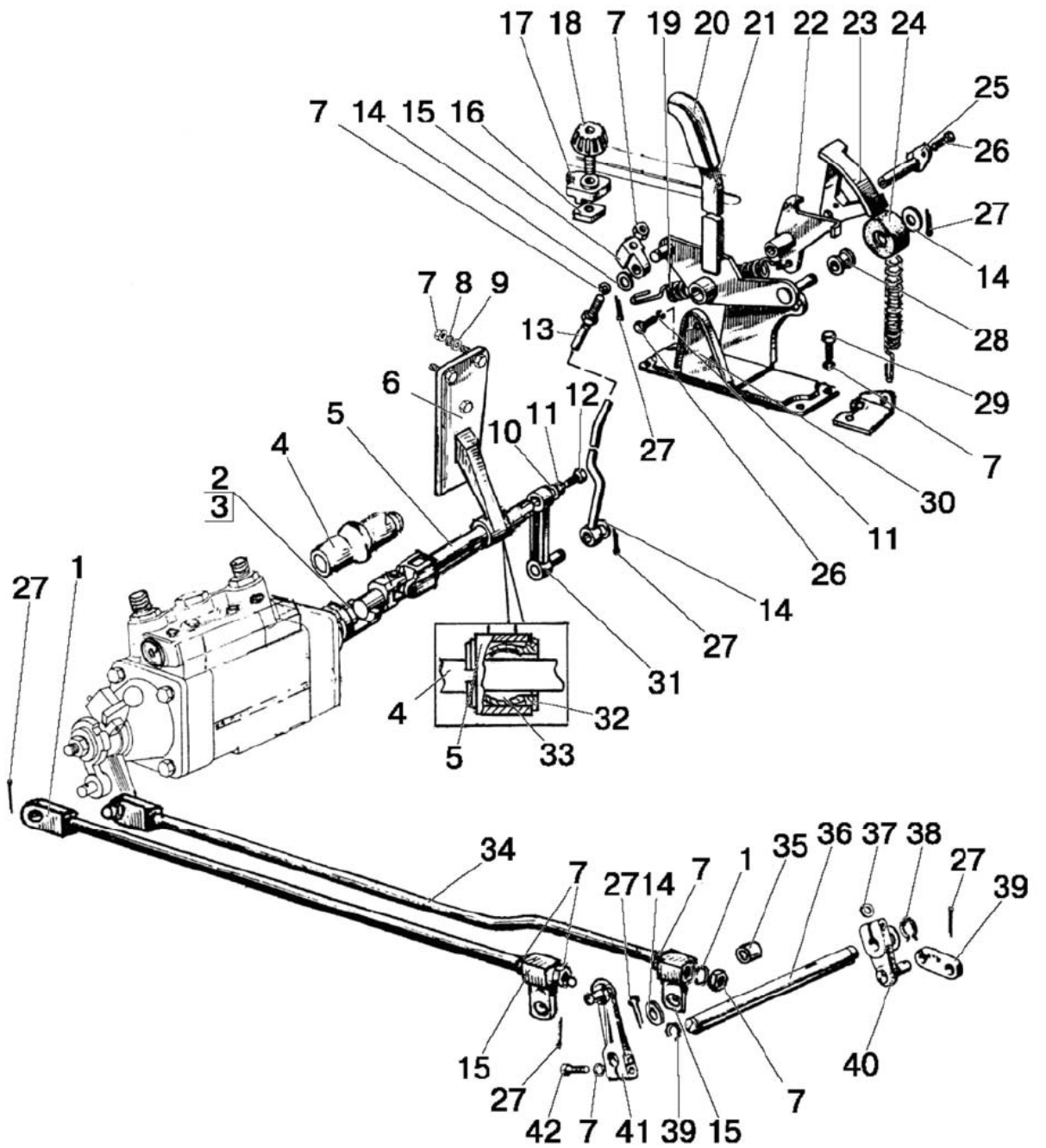


Figure 46.23. Governor control

**Group 46. Hydraulic system
Subgroup 4616. Governor control**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.23	1	70-4616140	1	Rod
	2	ШП 10	1	Washer
	3	M10	1	Nut
	4	85-4616053	1	Boot
	5	80-4616050-B	1	Shaft
	6	80B-4616050	1	Bracket
	7	M8	9	Nut
	8	ШП 8	10	Washer
	9	ШП 8	7	Washer
	10	ШП 6	1	Washer
	11	ШП 6	4	Washer
	12	M6x12	1	Bolt
	13	80-4616044-B	1	Rod
	14	ШП 10	2	Washer
	15	80-4616051	3	Slider
	16	M6	1	Nut
	17	80-4616034	1	Stop
	18	80-4616070	1	Screw
	19	50-1605152	1	Spring
	20	A13.17.000	1	Handle
	21	80-4616020-B	1	Lever
	22	80-4616035	1	Lever
	23	85-4616090-B1	1	Sector
	24	80-4616017	1	Roller
	25	80-4616155	1	Pin
	26	M6x14	3	Bolt
	27	3.2x18	8	Cotter pin
	28	80-4616016	1	Bushing
	29	M8x16	4	Bolt
	30	80-4616150	1	Bracket
	31	80B-4616040	1	Lever
	32	80B-4616023	1	Bushing
	33	80B-4616022	1	Sphere
	34	70-4616150	1	Rod
	35	70-8405114	1	Bushing
	36	70-4616051	1	Roller
	37	P50-4616053	2	Key
	38	Б15	2	Ring
	39	P50-4616054	1	Plate
	40	P50-4616130-B	1	Lever
	41	70-4616110	1	Lever
	42	M8x25	2	Bolt

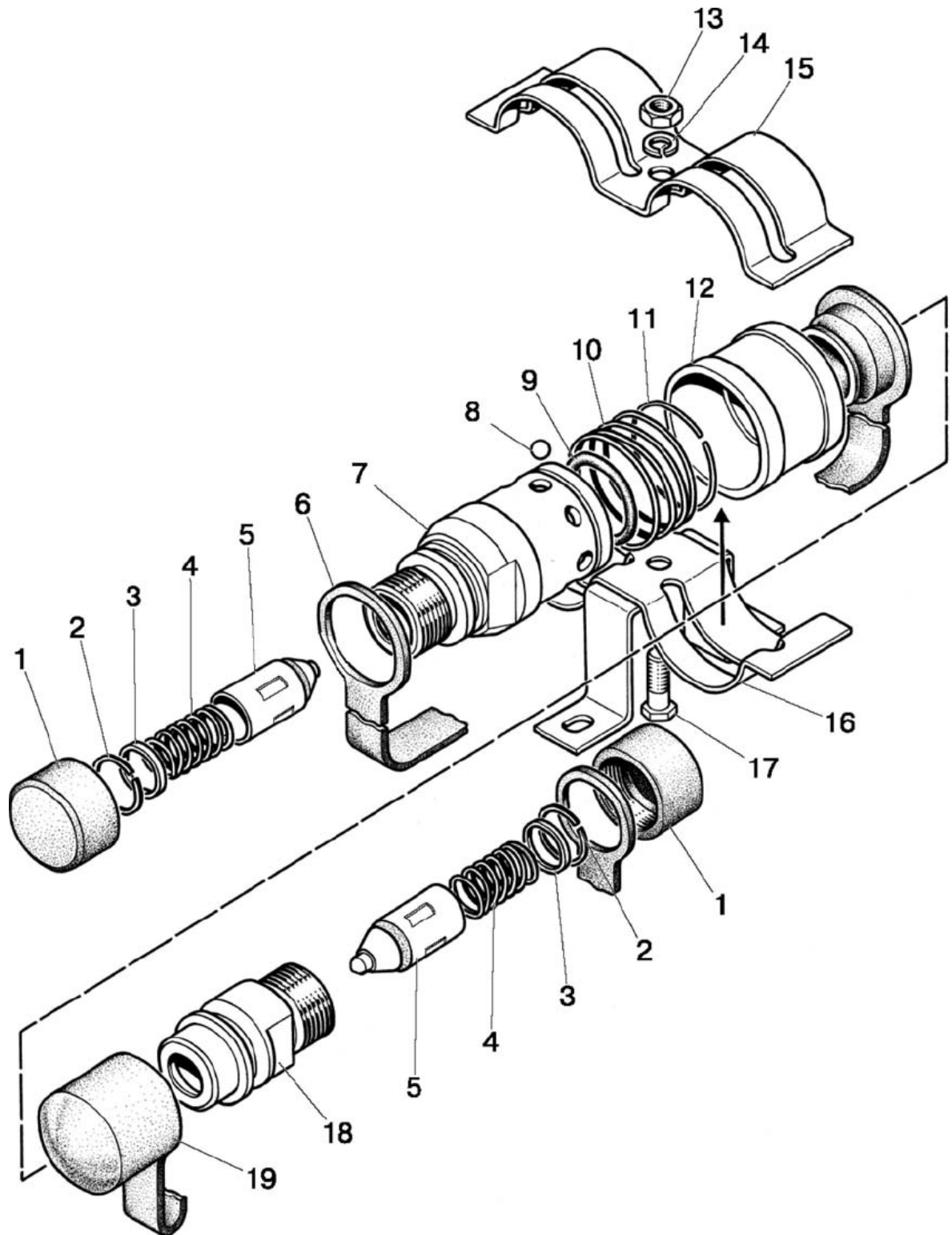


Figure 46.24. Hydraulic fuse

**Group 46. Hydraulic system
Subgroup M036-50P. Hydraulic fuse**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.24		M036.50P.10	1	Left casing (1-12)
		M036.50P.20	1	Right casing (1-6, 18, 19)
	1	M036.50P.20.09	2	Threaded chock
	2	M036.50P.20.04	2	Inner ring
	3	M036.50P.20.03	2	Washer
	4	M036.50P.20.02	2	Spring
	5	M036.50P.30	2	Valve
	6	M036.50P. 10.04	1	Inner choke
	7	M036.50P. 10.16	1	Casing
	8	5-20	8	Ball
	9	020-025-30-2-2	1	Ring
	10	M036.50P. 10.03	1	Spring
	11	M036.50P. 10.05	1	Spring ring
	12	M036.50P. 10.02	1	Gripping device bushing
	13	M8	1	Nut
	14	IIIИ 8	1	Washer
	15	40-4607087	1	Bracket cover
	16	40-4607064-Б1	1	Bracket
	17	M8x30	1	Bolt
18	M036.50P.20.011	1	Casing	
19	M036.50P.20.06	1	Outer choke	

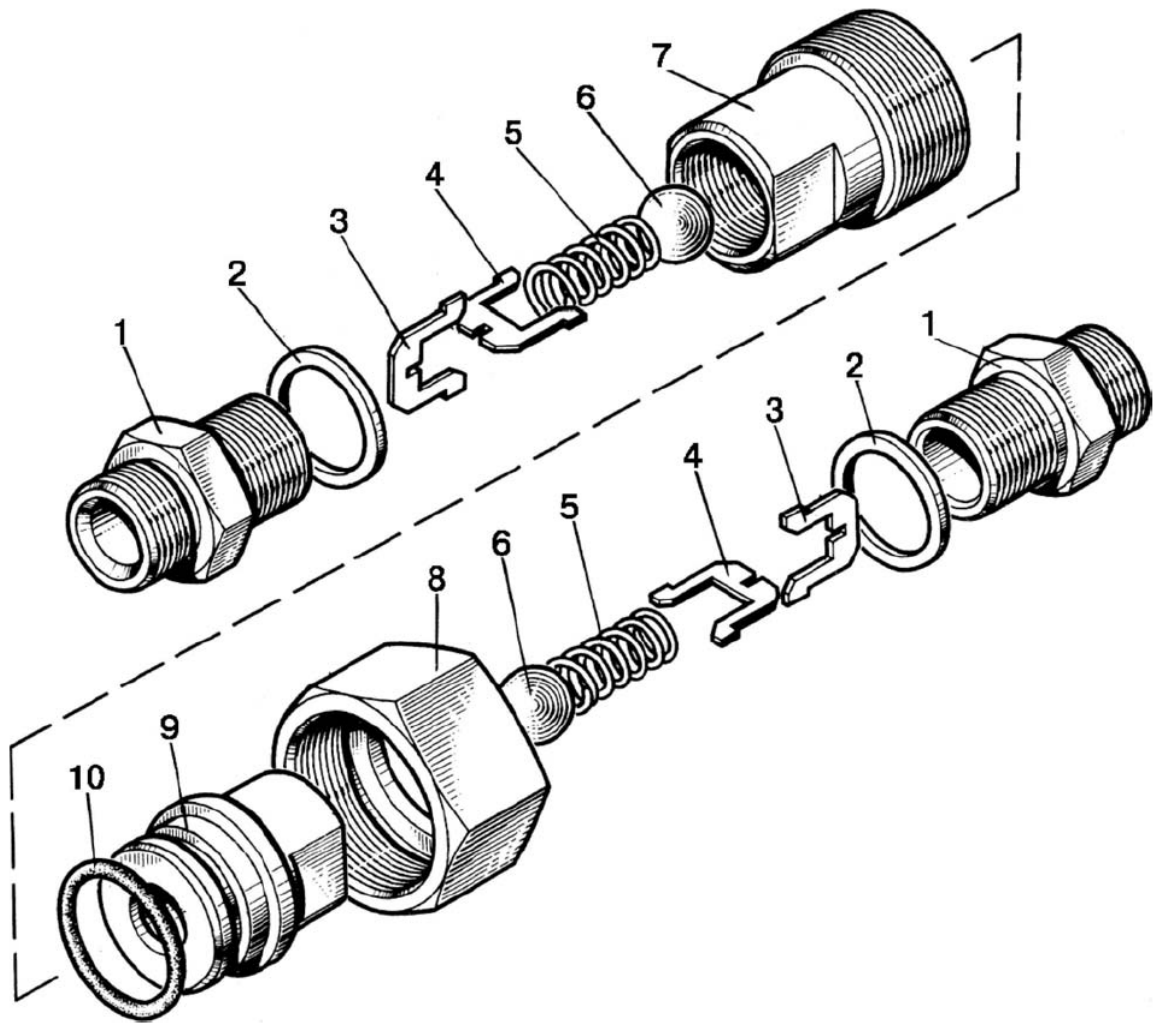


Figure 46.25. Locking device

**Group 46. Hydraulic system
Subgroup 4616. Locking device**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.25		3057-4616320	2	Locking device (1-10)
		3057-4616330-A	6	Left-hand valve of the locking device, diameter 12 (1-7)
		3057-4616350-A	6	Right-hand valve of the locking device, diameter 12 (1-6, 8-10)
		1057-4616340-A	2	Cross assembly (3,4)
	1	1057-4616338-B	2	Connecting pipe
	2	017-021-25-2-2	2	Ring
	3	1057-4616344-A	2	Bottom cross
	4	1057-4616342-A	2	Top cross
	5	A16-2530034-1	2	Spring
	6	14,288-60	2	Ball
7	1057-4616332-B	1	Left casing of the locking device Ø12	
8	1057-4616364-B	1	Sleeve nut	
9	1057-4616352-A	1	Right casing of the locking device Ø12	
10	022-027-30-2-3	1	Ring	

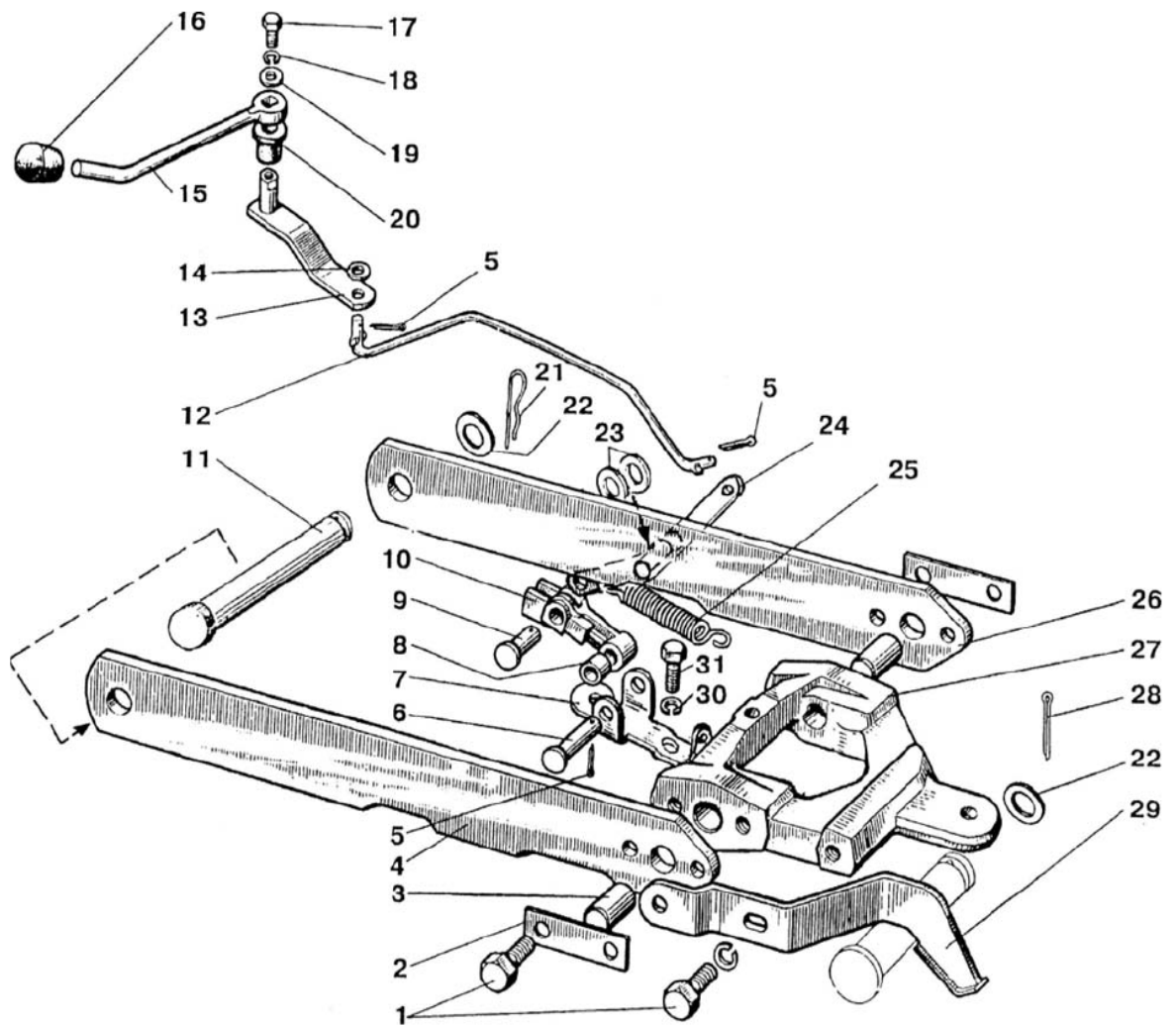


Figure 46.26. Retention mechanism

Group 46. Hydraulic system
Subgroup 4619. Retention mechanism

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.26		80-4605110	1	Retention mechanism (1-31)
	1	M12x30	5	Bolt
	2	70-4619016	2	Locking plate
	3	85-4619017-01	2	Pin
	4	80-4619012-Б-01	1	Rod
	5	3.2x18	5	Cotter pin
	6	12x48	1	Pin
	7	70-4619033	1	Bracket
	8	50-4605069-01	1	Bushing
	9	12x32	1	Pin
	10	70-4619029-Б	1	Lever
	11	80-4619019	1	Pin
	12	80-4619134	1	Rod
	13	85-4619035	1	Lever
	14	ШПЧ 8	1	Washer
	15	85-4619036	1	Handle
	16	70-3401093	1	Lever head
	17	M6x14	1	Bolt
	18	ШПЧ 6	1	Washer
	19	ШПЧ 6	1	Washer
	20	50-4607082-A	1	Bushing
	21	A61.07.001	1	Cotter pin
	22	70-4619042	2	Washer
	23	85-4619014	2	Washer S=15 mm
	24	80-4619128	1	Lever
	25	50-1310158-Б	1	Spring
	26	80-4619105	1	Rod
	27	80-4619011	1	Gripping device
	28	5x36	1	Cotter pin
	29	80-4619020	1	Plate
	30	ШПЧ 8	2	Washer
31	M8x16	2	Bolt	

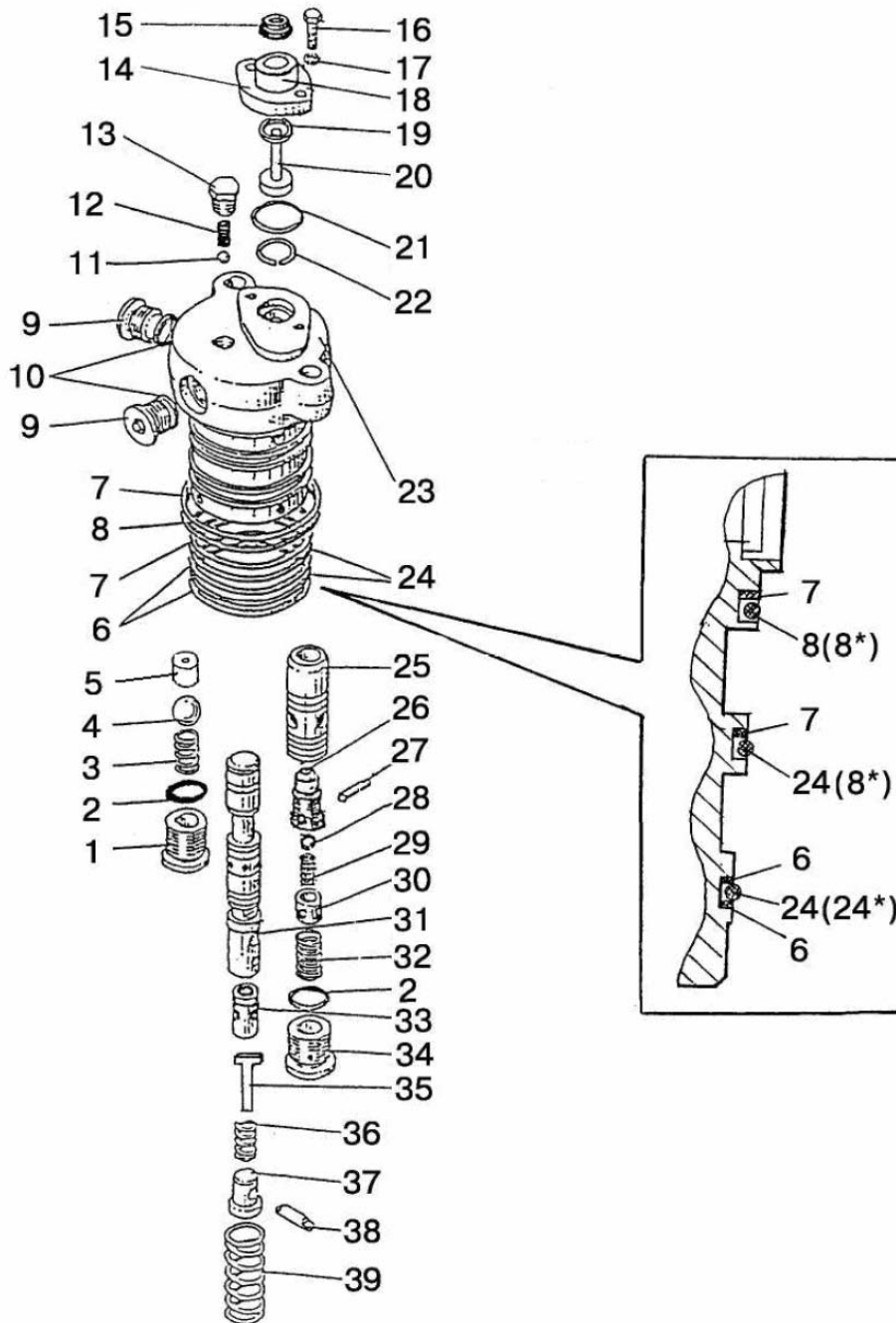


Figure 46.27. Hydraulic lift distributor (for Belarus-82П tractor with hydraulic lift)

**Group 46. Hydraulic system
Subgroup 4627. Hydraulic lift distributor
(for Belarus-82II tractor with hydraulic lift)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.27		820-4634010	1	Distributor
		820-4634020A	1	Valve (25-30)
	1	820-4634021	1	Plug
	2	017-020-19-2-6 or 17.00-2.00	2	Ring "SIMRIT" ring
	3	A61-072	1	Spring
	4	14.288	1	Ball
	5	820-4634017	1	Seat
	6	820-4634025A	2	Ring
	7	820-4634025-A-01	2	Ring
	8	068-072-25-2-6	1	Ring
	8*	65.00-2.50	2	"SIMRIT" ring
	9	820-4634022	2	Plug
	10	013-016-19-2-6 or 13.00-2.00	2	Ring "SIMRIT" ring
	11	6.35	1	Ball
	12	80-4614058	1	Spring
	13	КГ 1/8"	1	Plug
	14	820-4634013-Б	1	Cover
	15	2-10	1	Rod wiper
	16	M6x16	2	Bolt
	17	ИИИ 6	2	Washer
	18	820-4634039		Bushing
	19	010-014-25-2-2		Ring
	20	820-4634038		Pusher
	21	021-024-19-2-6 or 21.00-2.00	1	Ring "SIMRIT" ring
	22	820-4634036	1	Lock ring
	23	820-4634011	1	Casing
	24*	064-068-25-2-6	1	Ring
	24	63.00-2.50	2	"SIMRIT" ring
	25	820-4634014	1	Valve
	26	820-4634018-Б	1	Seat
	27	2.3x14	1	Pin
	28	5.556	1	Ball
	29	P75-B3BP-082	1	Spring
	30	820-4634033	1	Stop
	31	820-4634012	1	Sliding valve
	32	820-4634024	1	Spring
	33	820-4634026-Б	1	Valve
	34	820-4634019	1	Plug
	35	820-4634037	1	Stop
36	820-4634028	1	Spring	
37	820-4634029	1	Stop	
38	820-4634027	1	Pin	
39	820-4634016	1	Spring	

* variant

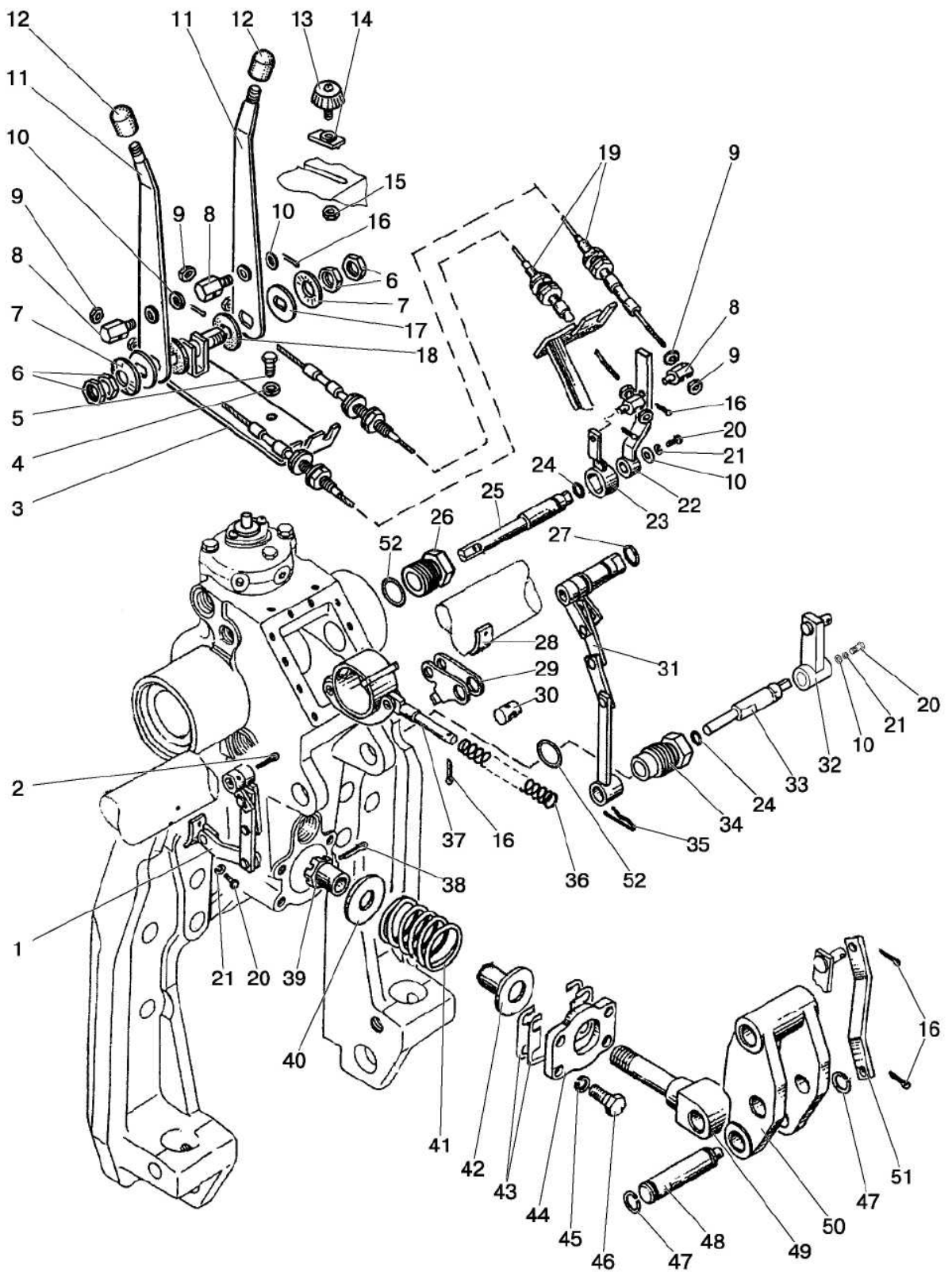


Figure 46.28. Hydraulic lift. Hydraulic lift control (for Belarus-82II tractor with hydraulic lift)

Group 46. Hydraulic system
Subgroup 4635. Hydraulic lift. Hydraulic lift control
(for Belarus-82II tractor with hydraulic lift)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.28		820-4635005	1	Hydraulic lift (1-52; Fig. 46.17 pos. 1-37)
		1221-4635010	1	Hydraulic lift (1, 2, 20-52; Fig. 46.17 pos. 1-37)
		820-4635020-A	1	Force sensor (38-42, 44, 49)
		820-4635060	1	Adder stage (16, 29, 30, 36, 37)
		820-4635090-B	1	Bracket (3, 6, 7, 11, 17)
	1	820-4635025	1	Position link
	2	3.2x25	1	Cotter pin
	3	820-4635095-B	1	Bracket
	4	ШПН 8	4	Washer
	5	M8x20	4	Bolt
	6	M14x1.5	4	Nut
	7	80B-1108347	2	Disk spring
	8	80B-1108317	4	Boss
	9	M6	8	Nut
	10	ШПЧ 6	4	Washer
	11	820-4635100-B	2	Lever
	12	A13.11.000	2	Handle
	13	80-4616070	1	Screw
	14	820-4635082	1	Stop
	15	M6	1	Nut
	16	3.2x18	7	Cotter pin
	17	80-1108028	2	Washer
	18	80-1108178	2	Friction washer
	19	100.M4322.00900 or 23.588.1.1.2.00.01-01 or 772-L-TT-75-900	2	Cable
	20	M6x16	6	Bolt
	21	ШПН 6	6	Washer
	22	820-4635080	1	Lever
	23	820-4635075	1	Lever
	24	011-015-25-2-4	2	Ring
	25	820-4635034	1	Roller
	26	820-4635033-B	1	Bushing
	27	019-023-25-2-4	1	Ring
	28	820-4635046	1	Clamp
	29	820-4635070	1	Lever
	30	820-4635069	1	Catch
	31	820-4635030	1	Force link
	32	820-4635015-B	1	Lever
	33	820-4635016-B	1	Roller
	34	820-4635032-B	1	Bushing
	35	820-4635049	1	Cotter pin
	36	820-4635063	1	Spring
	37	820-4635065	1	Bracket
	38	4x22	1	Cotter pin
	39	820-4635024	1	Nut
	40	820-4635023	1	Washer
41	820-4635022	1	Spring	
42	820-4635026-B	1	Bushing	
43	820-4635044-B	4	Gasket	
44	820-4635043-B	1	Cover	
45	ШПН 12	4	Washer	

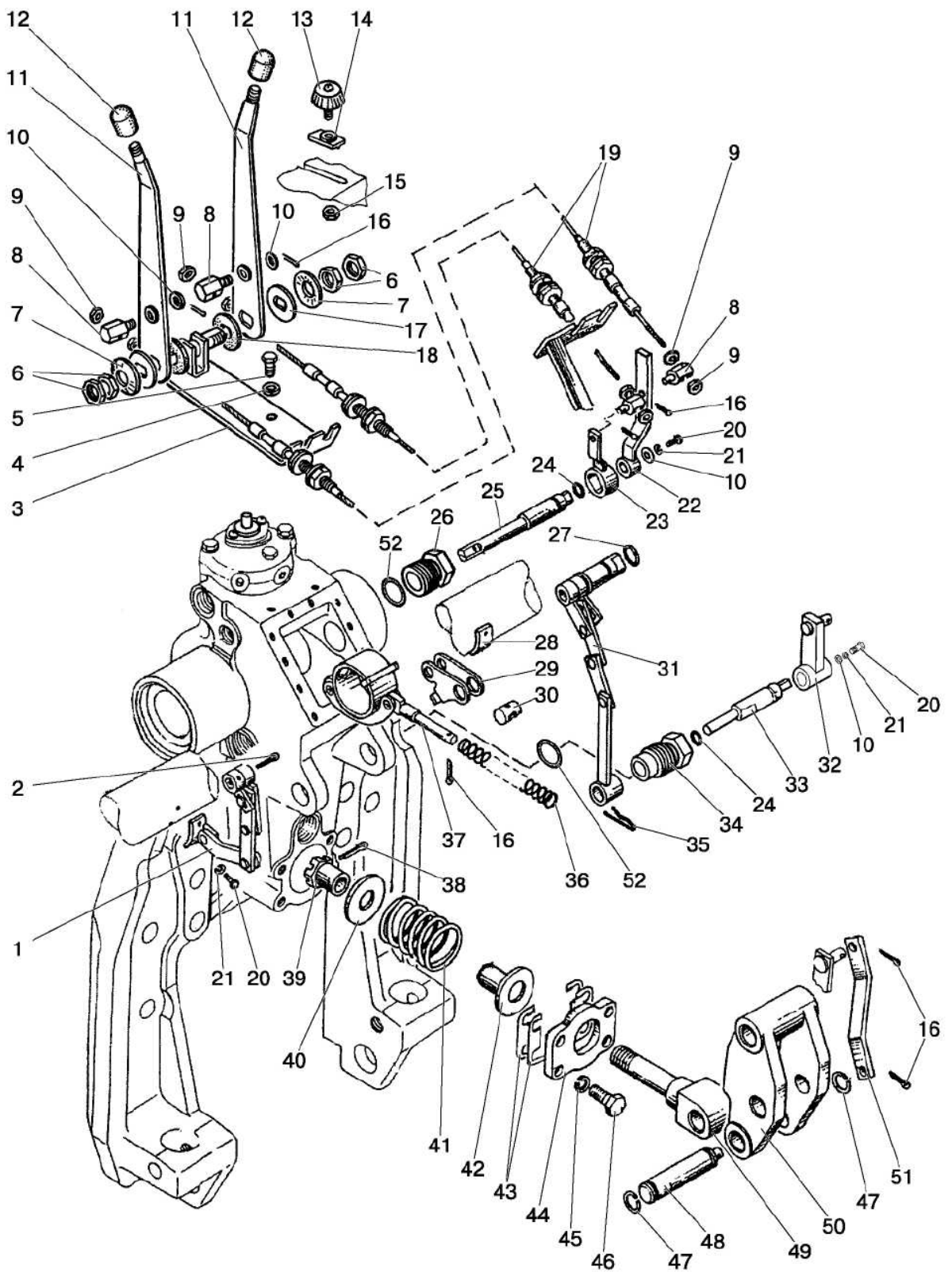


Figure 46.28. Hydraulic lift. Hydraulic lift control (for Belarus-82II tractor with hydraulic lift)

Group 46. Hydraulic system
Subgroup 4635. Hydraulic lift. Hydraulic lift control
(for Belarus-82П tractor with hydraulic lift)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.28	46	M12x30	4	Bolt
	47	B22	2	Ring
	48	820-4635018	1	Pin
	49	820-4635021	1	Rod
	50	820-4635019	1	Shackle
	51	820-4635048	1	Rod
	52	027-032-30-1-4	2	Ring

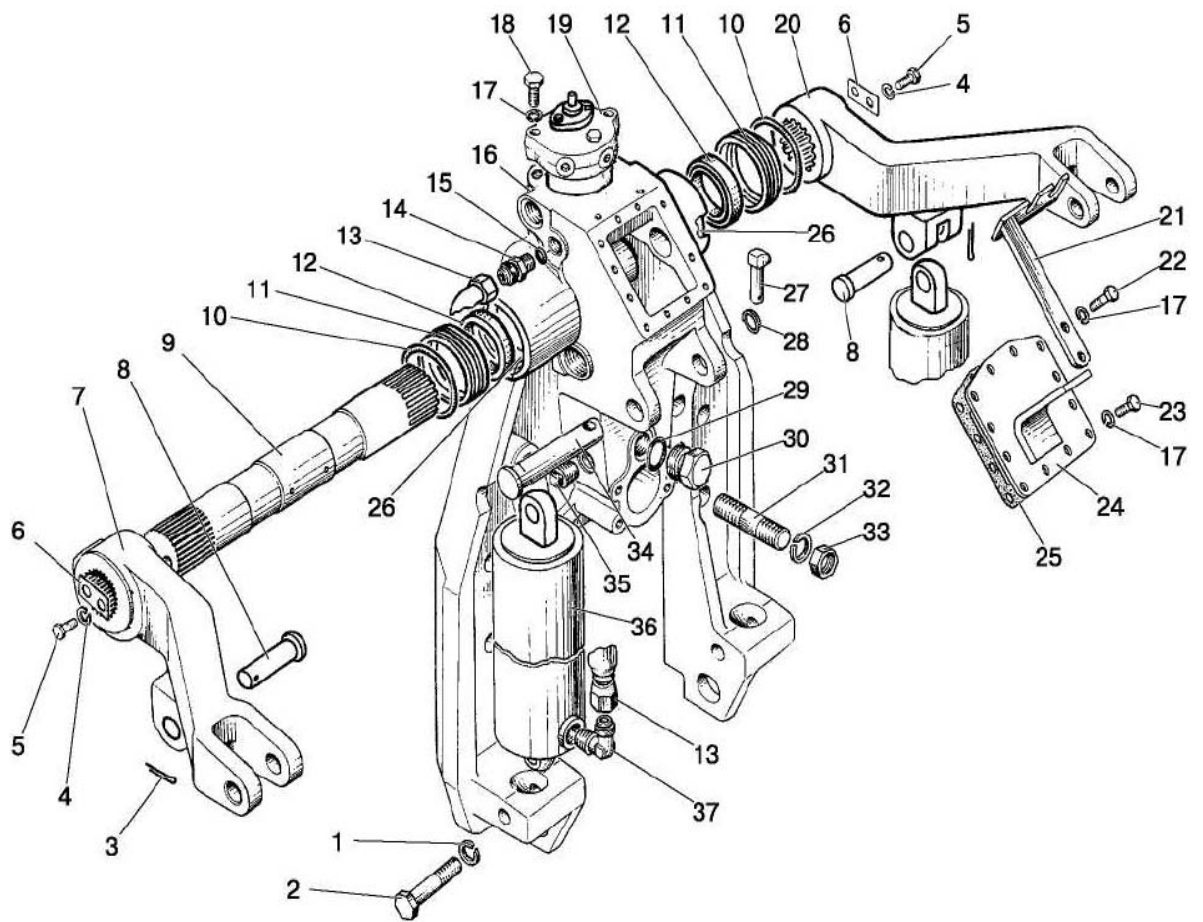


Figure 46.29. Hydraulic lift

**Group 46. Hydraulic system
Subgroup 4635. Hydraulic lift**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
46.29	1	ШШШ 16	2	Washer
	2	M16x75	2	Bolt
	3	5x36	2	Cotter pin
	4	ШШШ 12	4	Washer
	5	M12x30	4	Bolt
	6	40-4605023-A2	2	Washer
	7	1221-4635013	1	Left lever
	8	1221-4635016	2	Pin
	9	1221-4635014	1	Shaft
	10	079-085-36-2-2	2	Ring
	11	820-4635091	2	Cage
	12	BAB31. 60-72-7	2	Cup
	13	820-4635115	2	Hose pipe
	14	820-4635083	2	Connecting pipe
	15	012-015-19-1-4	2	Ring
	16	1221-4635011	1	Casing
	17	ШШШ 8	14	Washer
	18	M8x40	2	Bolt
	19	820-4634010	1	Distributor
	20	1221-4635012	1	Right-hand lever
	21	820-4635085	1	Bracket
	22	M8x30	2	Bolt
	23	M8x20	10	Bolt
	24	820-4635125	1	Cover
	25	820-4635039	1	Gasket
	26	820-4635088	4	Bushing
	27	A61.05.005	1	Locking pin
	28	A61.05.004	1	Ring
	29	027-032-30-1-4	1	Ring
	30	80-4608021	1	Choke
	31	1321-2707068-01	4	Pin
	32	ШШШ 20	4	Washer
	33	M20	4	Nut
	34	A61.10.001	1	Pin
	35	КТ 3/8"	1	Plug
	36	820-4625010-Б or 820H-4625010-Б or 820E-4625010-Б	2	Cylinder
	37	820-4635084	2	Angle piece

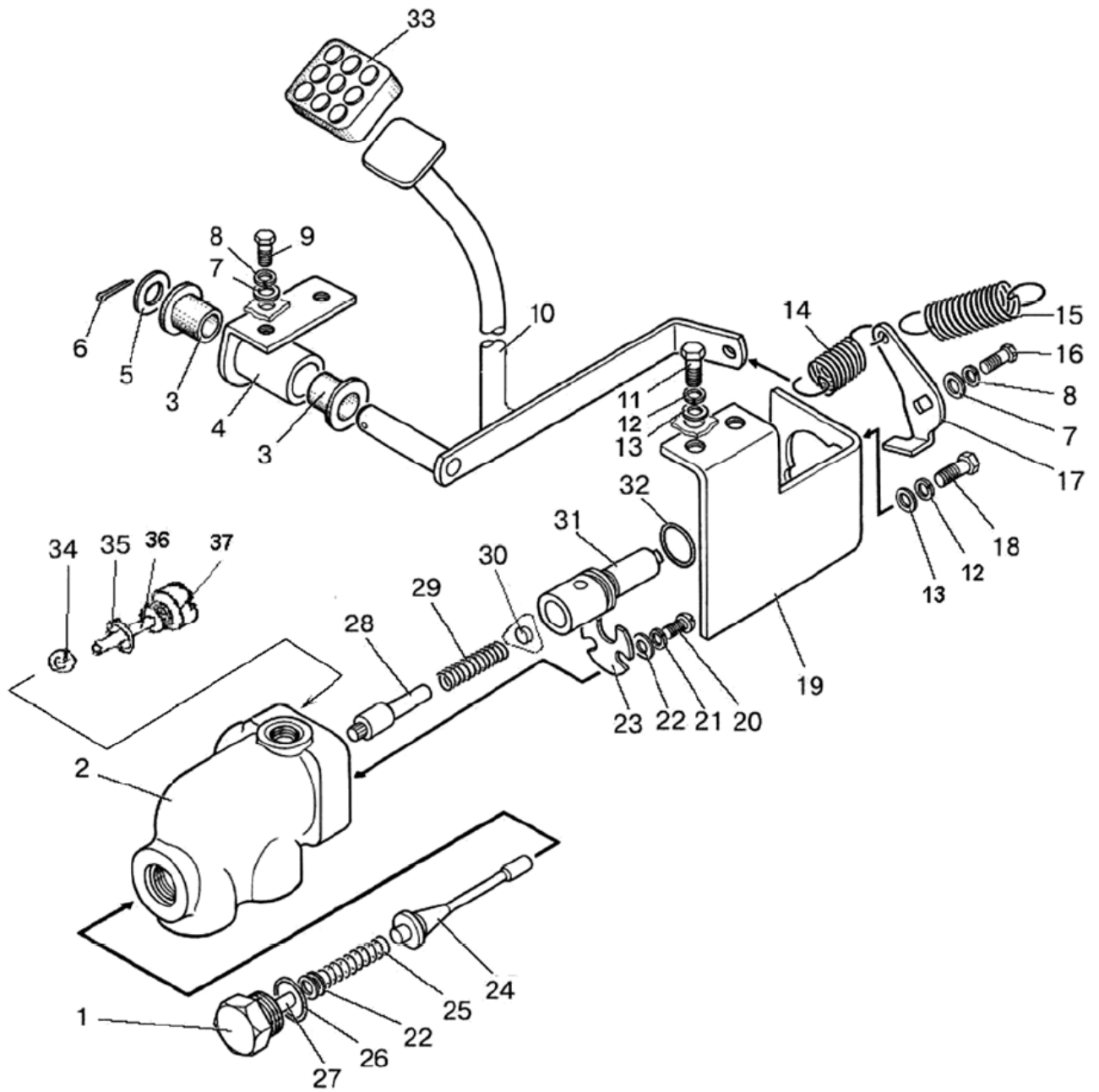


Figure 48.1. Differential lock control

Group 48. Rear axle differential lock control
Subgroup 4801. Differential lock control

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
48.1		80-4801200Б	1	Lock-up cock (2, 7, 8, 15, 16, 19-35)
	1	80-4801222-Б	1	Plug
	2	80-4801211-Б	1	Cock body
	3	50-4607082-А	2	Bushing
	4	80-4802020	1	Bracket
	5	ШПЧ12	1	Washer
	6	2x16	1	Cotter pin
	7	ШПЧ 6	3	Washer
	8	ШПЧ 6	3	Washer
	9	M6x14	2	Bolt
	10	80-4803170	1	Pedal
	11	M8x16	2	Bolt
	12	ШПЧ 8	4	Washer
	13	ШПЧ 8	4	Washer
	14	70-4616033	1	Spring
	15	50-3502068	1	Spring
	16	M6x16	1	Bolt
	17	80-4801216-Б	1	Lever
	18	M8x20	2	Bolt
	19	80-4803151	1	Bracket
	20	BM5x12	2	Screw
	21	ШПЧ 5	2	Washer
	22	ШПЧ 5	6	Washer
	23	80-4801217-Б	1	Stopper
	24	80-4801213-Б	1	Valve
	25	50-4609054	1	Spring
	26	017-022-30-2-2	1	Ring
	27	80-4801221-Б	1	Stop
	28	80-4801223	1	Guide
	29	70-4609037	1	Spring
	30	80-4801226	1	Valve
	31	80-4801212-Б	1	Sliding valve of the cock
	32	012-016-25-2-2	1	Ring
	33	A13.38.022	1	Pad
	34	7.938-100	1	Ball
	35	007-011-25-2-2	1	Ring
	36	80-4801224	1	Stop
37	80-4801214-Б	1	Plug	

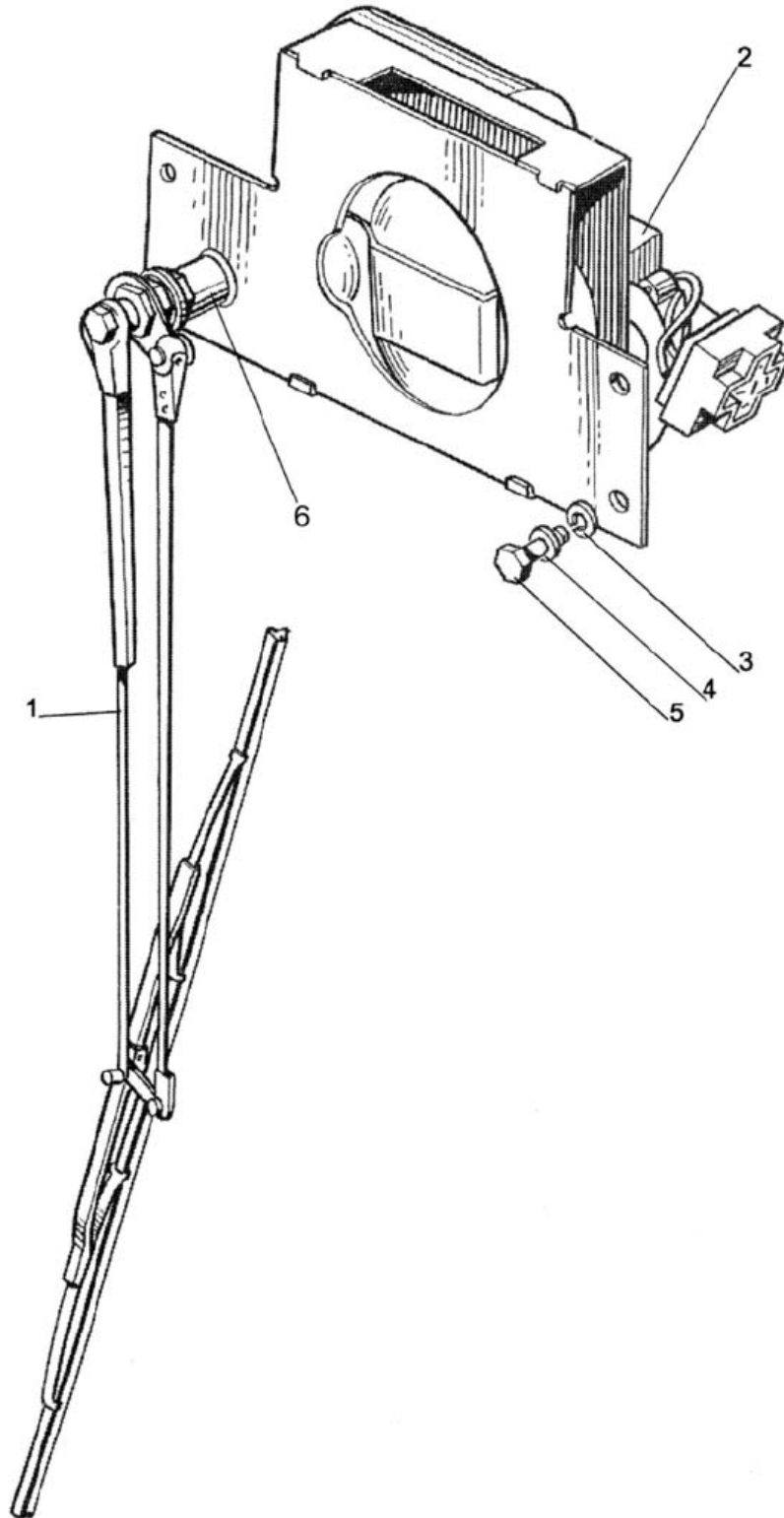


Figure 52.1. Windscreen wiper

Group 52. Wind- and rear screen wipers
Subgroup 5205. Windscreen wiper

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
52.1	1	5205.25	1	Brush with lever 660/600
	2	5205.10	1	Pantograph-type windscreen wiper
	3	ШП 6	4	Washer
	4	ШЧ 6	2	Washer
	5	M6x16	4	Bolt
	6	70-1602037	1	Bushing

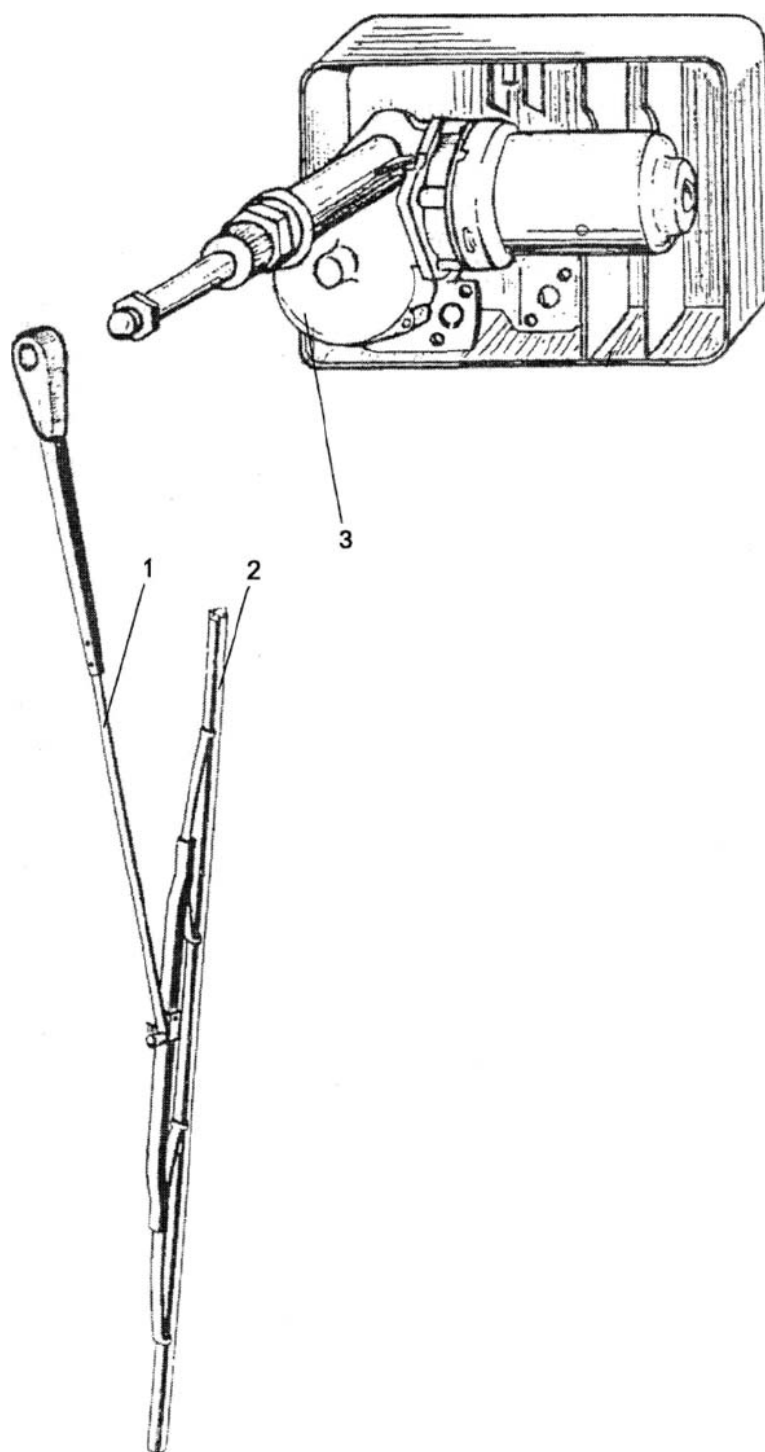


Figure 52.2. Rear screen wiper

Group 52. Wind- and rear screen wipers
Subgroup 5205. Rear screen wiper

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
52.2	1	5205.30	1	Rear screen wiper arm 420
	2	5205.20	1	Rear screen wiper
	3	5205.35	1	Rear screen wiper brush 460

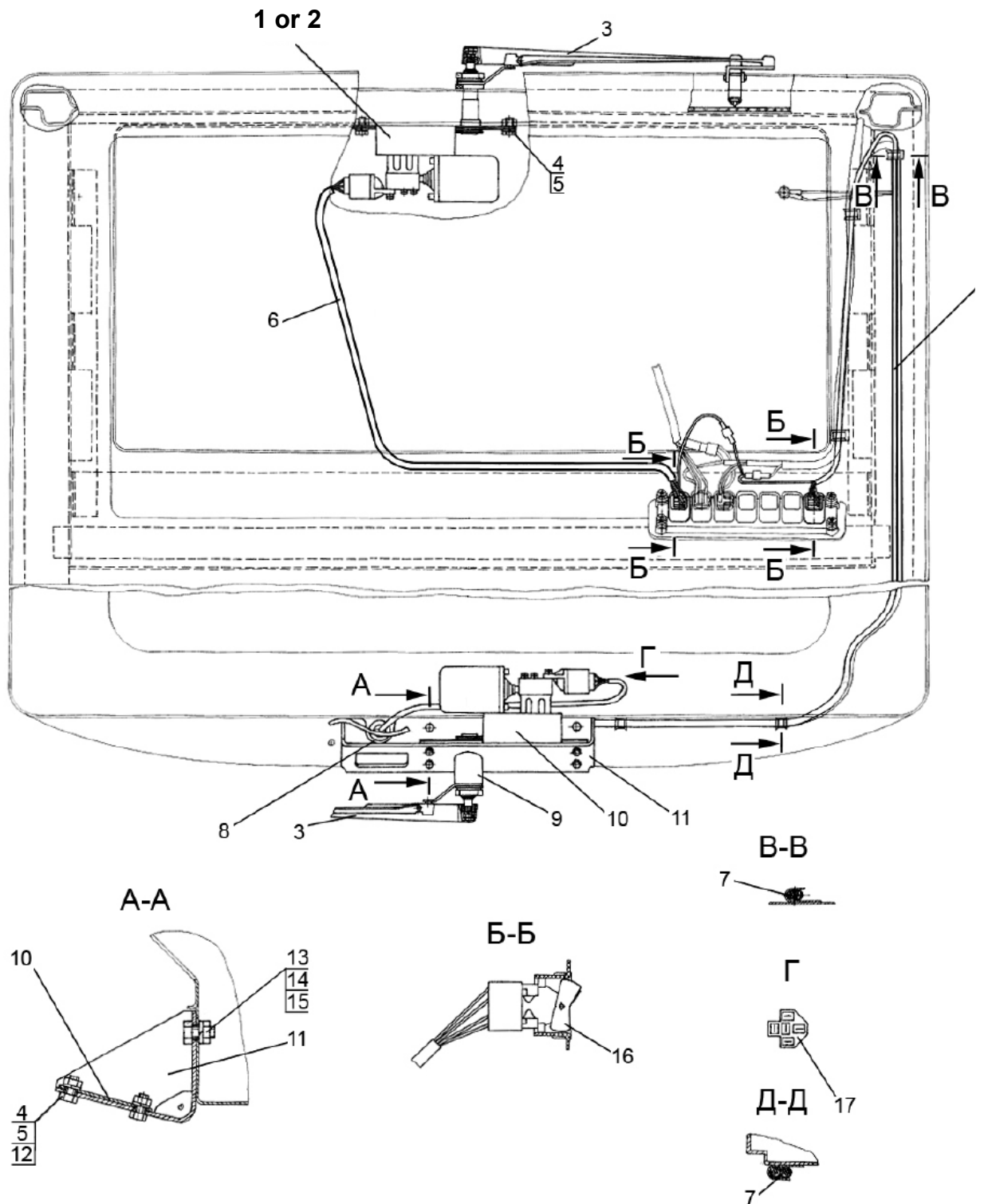


Figure 52.3. Wind- and rear screen wiper assembly (for Belarus-82П tractor)

Group 52. Wind- and rear screen wipers
Subgroup 5205. Wind- and rear screen wiper assembly (for Belarus-82Π tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
52.3		82Π-5205010	1	Wind- and rear screen wiper assembly
	1	96.5205 100	1	Drive (replacement by pos. 2 is allowed)
	2	192 090 010	1	Motor reduction gear (replacement by pos. 1 is allowed)
	3	787 000 030	2	Lever with brush
	4	M6x16	8	Bolt
	5	IIIИ 6	8	Washer
	6	80B-3724010	1	Bundle
	7	82Π-3724010-A	1	Bundle
	8	923-3723024	1	Bushing
	9	70-1602037	1	Bushing
	10	192 090 015	1	Motor reduction gear
	11	82Π-5205025	1	Bracket
	12	M6	4	Nut
	13	M8x20	2	Bolt
	14	M8	2	Nut
	15	IIIИ 8	2	Washer
	16	II147M-09.09	2	Switch
17	607605	1	Female connector	

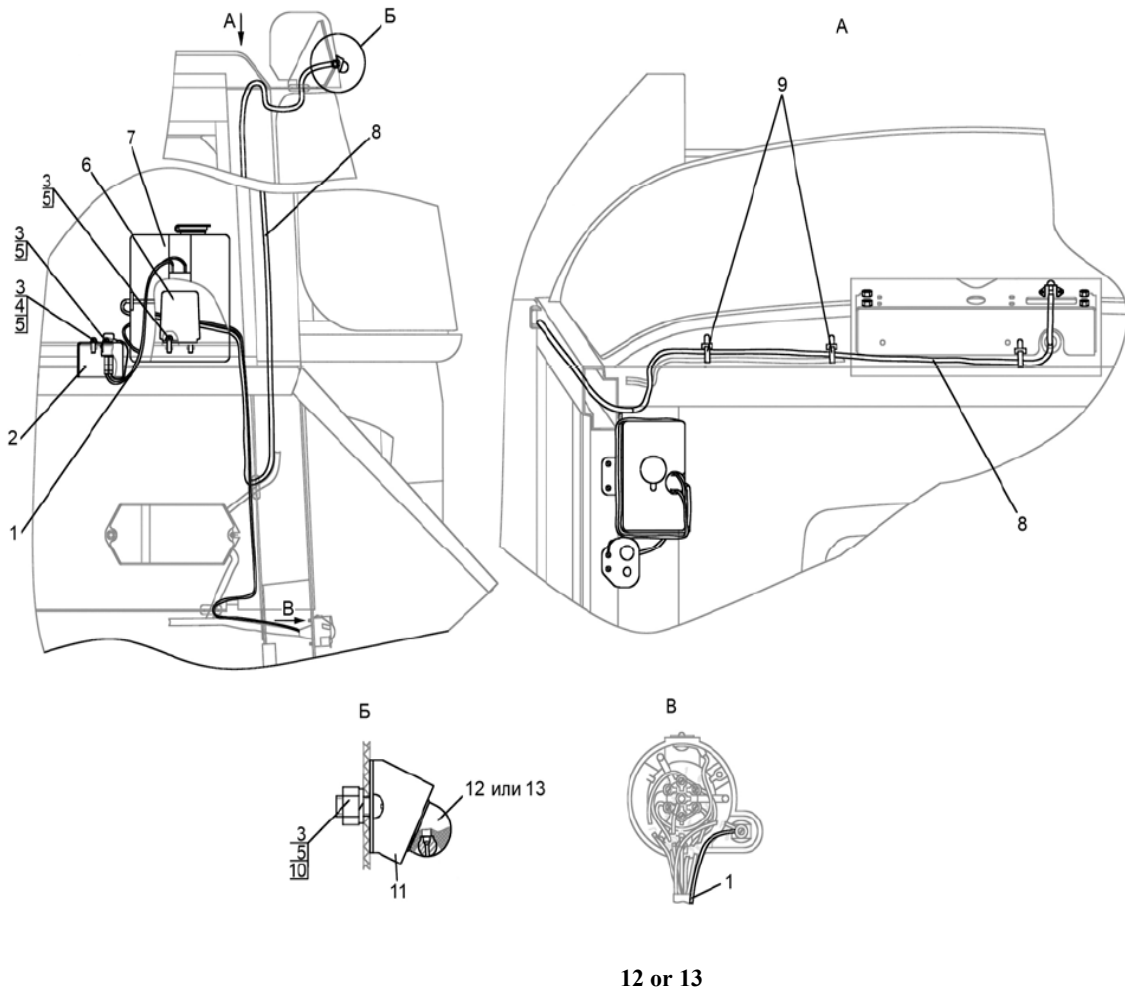


Figure 52.4. Rear screen washer assembly (for Belarus-82П tractor)

Group 52. Wind- and rear screen wipers.**Subgroup 5208. Rear screen washer assembly (for Belarus-82П tractor)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
52.4		82П-5208020	1	Rear screen washer assembly
	1	82П-3724225	1	Bundle
	2	80В-3710010	1	Panel
	3	ВМ6х16	6	Screw
	4	ППЧ 6	1	Washer
	5	ППП 6	6	Washer
	6	82П-5208001	1	Bracket
	7	122.5208 000	1	Electric washer
	8	923-5208002-05	1	Tube
	9	80-3724045-01	3	Cup
	10	М6	2	Nut
	11	80-5208011-А	1	Flange
	12	АДЮИ.306549.001	1	Jet nozzle
13	1202.5208500-02	1	Jet nozzle	

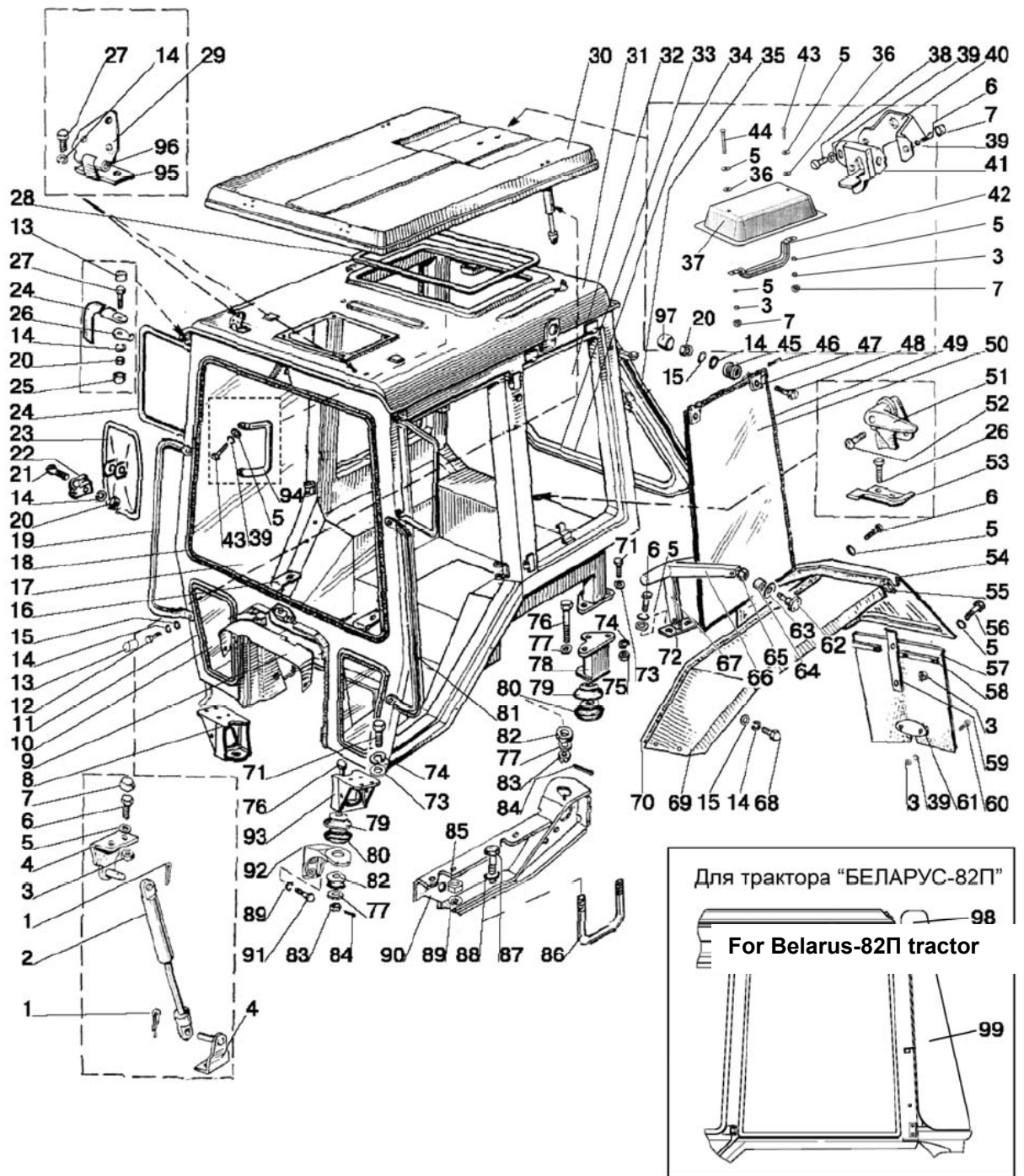


Figure 67.1. Tractor cab. Rear fenders

Group 67. Tractor cab
Subgroup 6700. Tractor cab. Rear fenders

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
67.1		80-6700010-B	1	Cab assembly
		80П-6700010*	1	Cab assembly
		80-6708210	1	Rear frame (32-35)
		80-6708900-03	2	Glass assembly (13, 14, 19, 24, 45, 47-50)
	1	3.2x18	8	Cotter pin
	2	6700.01	4	Air lift
	3	M6	22	Nut
	4	80-6708225	6	Bracket
	5	ШПЧ 6	20	Washer
	6	M6x20	28	Bolt
	7	A30.04.017	8	Cap
	8	80-6700031-B-01	1	Right-hand bracket
	9	85-6703056	1	Insert
	10	80-6703012-A or 80-6703012-A1	2	Glass
	11	A37.08.043	2	Seal
	12	M8x20	4	Bolt
	13	A30.04.017-01	4	Cap
	14	ШПЧ 8	26	Washer
	15	ШПЧ 8	24	Washer
	16	80-3805030	2	Bracket
	17	80-6703011-A or 80-6703011-A1	1	Glass
	18	A37.08.043-01	1	Seal L=4200 mm
	19	80-6703112-A	1	Right handrail
	20	M8	8	Nut
	21	M8x40	2	Bolt
	22	A30.04.051	2	Clamp
	23	80-8201050	2	Mirror assembly
	24	80-8201106-A	2	Tube
	25	A30.04.017-02	4	Cap
	26	80-8201107	4	Washer
	27, 48	M8x30	8	Bolt
	28	A37.08.040 or A37.08.045	1	Seal
	29	80-6707010-B	2	Loop
		80П-6707025-B	1	Cover assembly (metallic)
		80-6707025-B3 or 80-6707025-B4*	1	Cover assembly (plastic)
		80-6700020-B-01	1	Cab (welded framework)
		80П-6700010-B	1	Cab (welded framework)
	32	80-6708211-A or 80-6708211-A1	1	Glass
	33	80-6708215	1	Frame
	34	A34.08.043-05	1	Seal
	35	80-6700021-01	1	Seal
36	549A-1305044	2	Ring	
37	80-6707082	1	Shell	
38	BM6x12	2	Screw	
39	ШПЧ 6	10	Washer	
40	80-6707075	1	Bracket	
41	A37.09.010	1	Latch	

* for Belarus-82П tractor

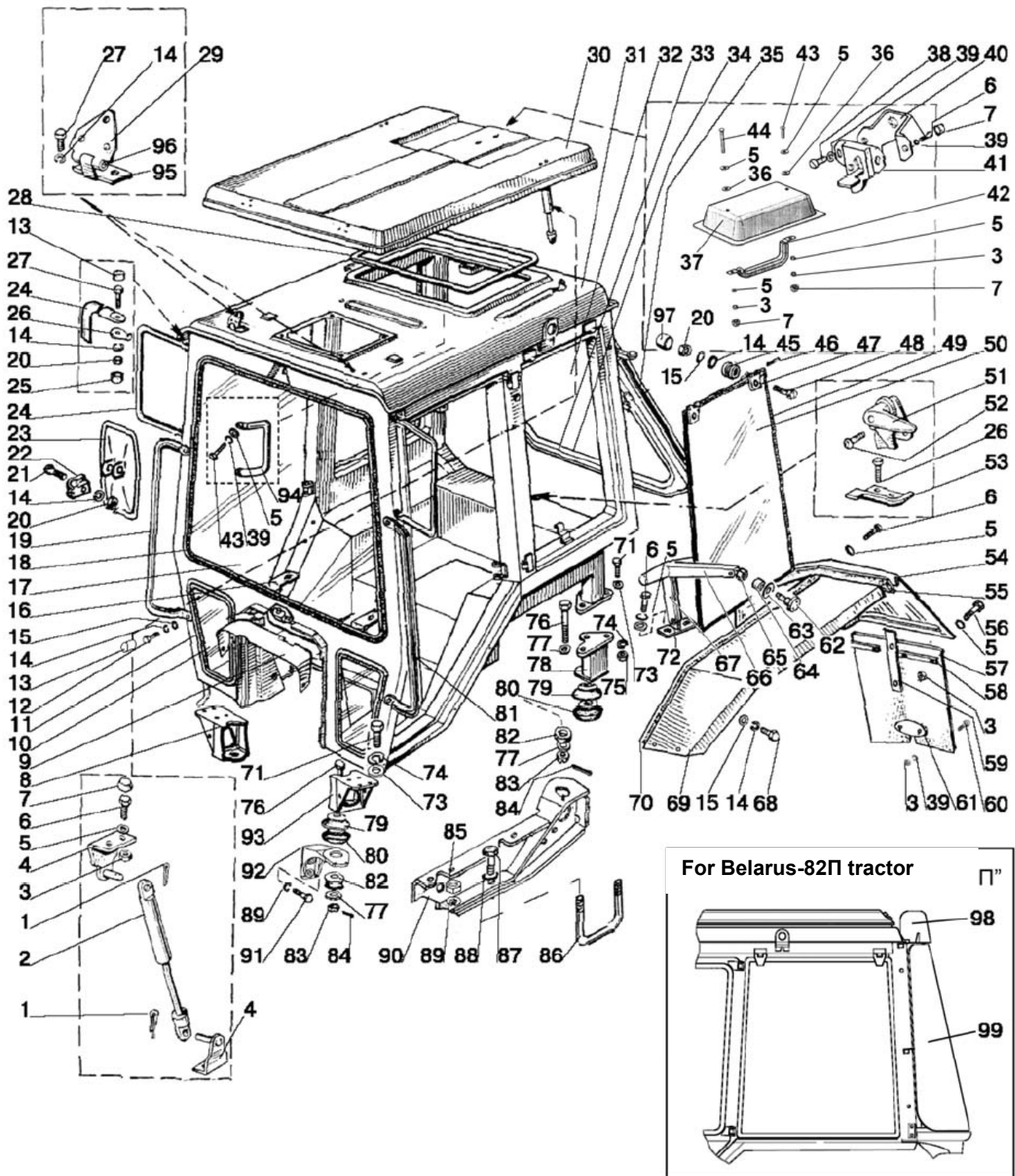


Figure 67.1. Tractor cab. Rear fenders

Group 67. Tractor cab
Subgroup 6700. Tractor cab. Rear fenders

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
67.1	42	80-6707080	1	Handrail
	43	BM6x25	3	Screw
	44	BM6x50	1	Screw
	45	80-6708903	4	Bushing
	46	8x65	4	Pin
	47	80-6708902	4	Loop
	49	P-202	2	Seal
	50	1221-6708901-A or 1221-6708901-A1	2	Glass
	51	A37.05.025	1	Catch
	52	BM6x25	2	Screw
	53	A37.05.021-B	1	Bracket
	54	80-8404020-B	1	Left-hand flap
		80-8404020-B-01	1	Right-hand flap
	55	80-8404014-A	2	Seal
	56	M6x20	12	Bolt
	57	85-8404040-A	2	Splash guard
	58	80-8404032	4	Plate
	59	80-8404031-B	2	Spring
	60	BM6x16	4	Screw
	61	80-8404034-A	2	Plate
	62	80-6708975	2	Screw
	63	80-6708904	2	Gasket
	64	A37.01.041	2	Bushing
	65	A37.04.053	2	Nut
	66	A37.04.051	2	Handle
	67	A37.04.052	2	Lever
	68	M8x20	18	Bolt
	69	80-8404011-B or 80-8404011-B-01	1	Fender
	70	80-8404013-A	2	Seal
	71	M12x35	14	Bolt
	72	A37.04.050	2	Bracket
	73	ШПЧ 12	6	Washer
	74	ШПН 12	6	Washer
	75	M 12	6	Nut
	76	80-6700029	4	Bolt
	77	ШПЧ 16	12	Washer
	78	80-6700037-B	1	Left-hand support
		80-6700037-B-01	1	Right-hand support
	79	80-6700163	4	Clamp
	80	80-6700160	4	Vibration insulator
	81	80-6703112-A	1	Left-hand handrail
82	130-5001364-B	4	Cushion	
83	M16	4	Nut	
84	4x36	4	Cotter pin	
85	M 18x1.5	4	Nut	
86	80-6702022	2	Clamp (variant)	
87	M20x75	4	Bolt (variant)	
88/89	ШПН 20/ШПН 18	4/4	Washer	
90	70-6702300-01	1	Right-hand bracket	
	70-6702300-02	1	Left-hand bracket	
91	M16x45	6	Bolt	

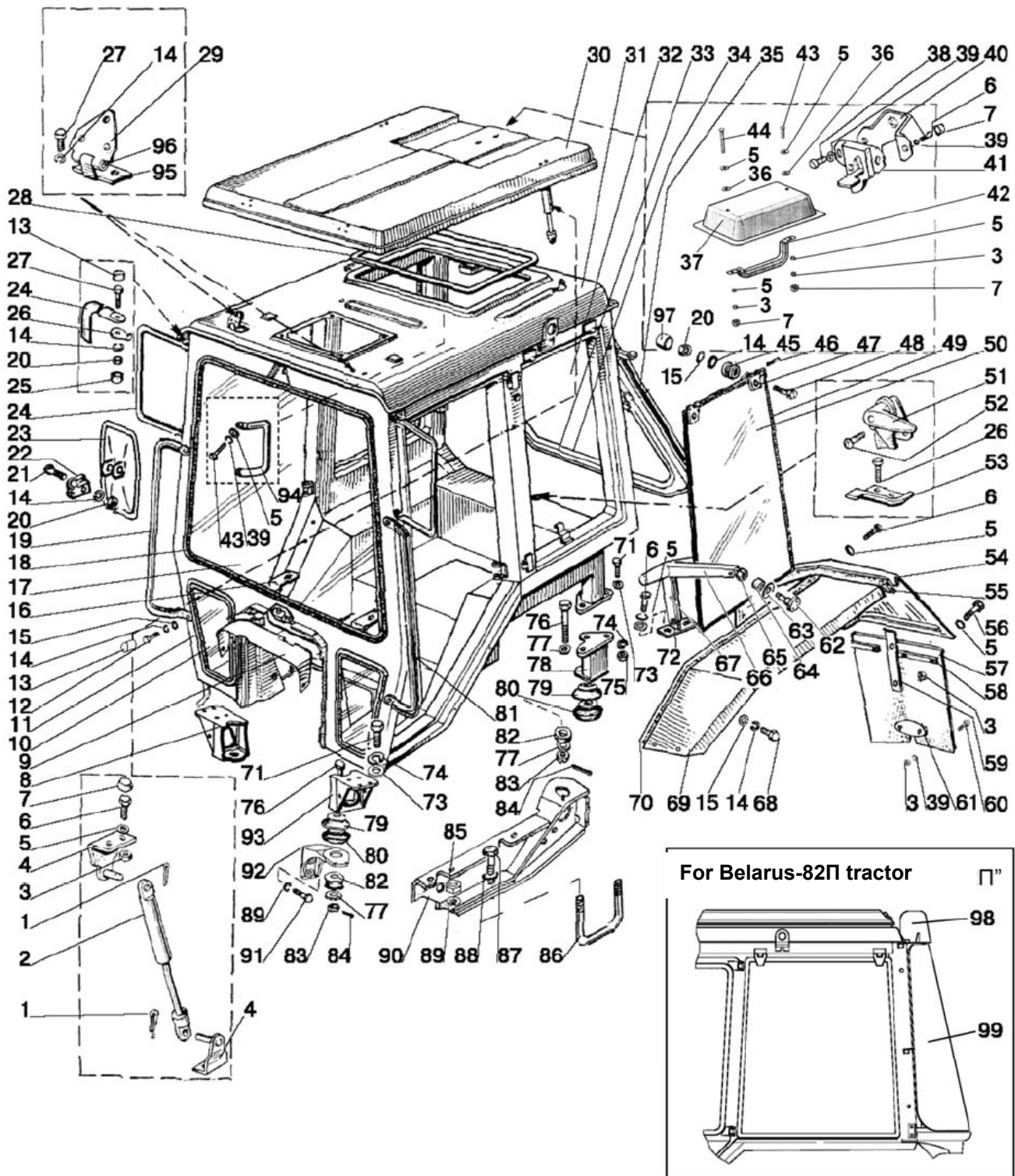


Figure 67.1. Tractor cab. Rear fenders

**Group 67. Tractor cab
Subgroup 6700. Tractor cab. Rear fenders**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
67.1	92	80-6702068	1	Left-hand bracket
		80-6702069	1	Right-hand bracket
	93	80-6700031-Б	1	Left-hand bracket
	94	80-6708209	1	Handle
	95	80-6707013	2	Loop
	96	70-6708189	2	Axle
	97	A30.04.017-02	4	Cap
	98	80-6707135-Б* or 80-6707135-Б-01*	1	Visor
	99	80-6708711*	1	Glass

* for Belarus-82П tractor

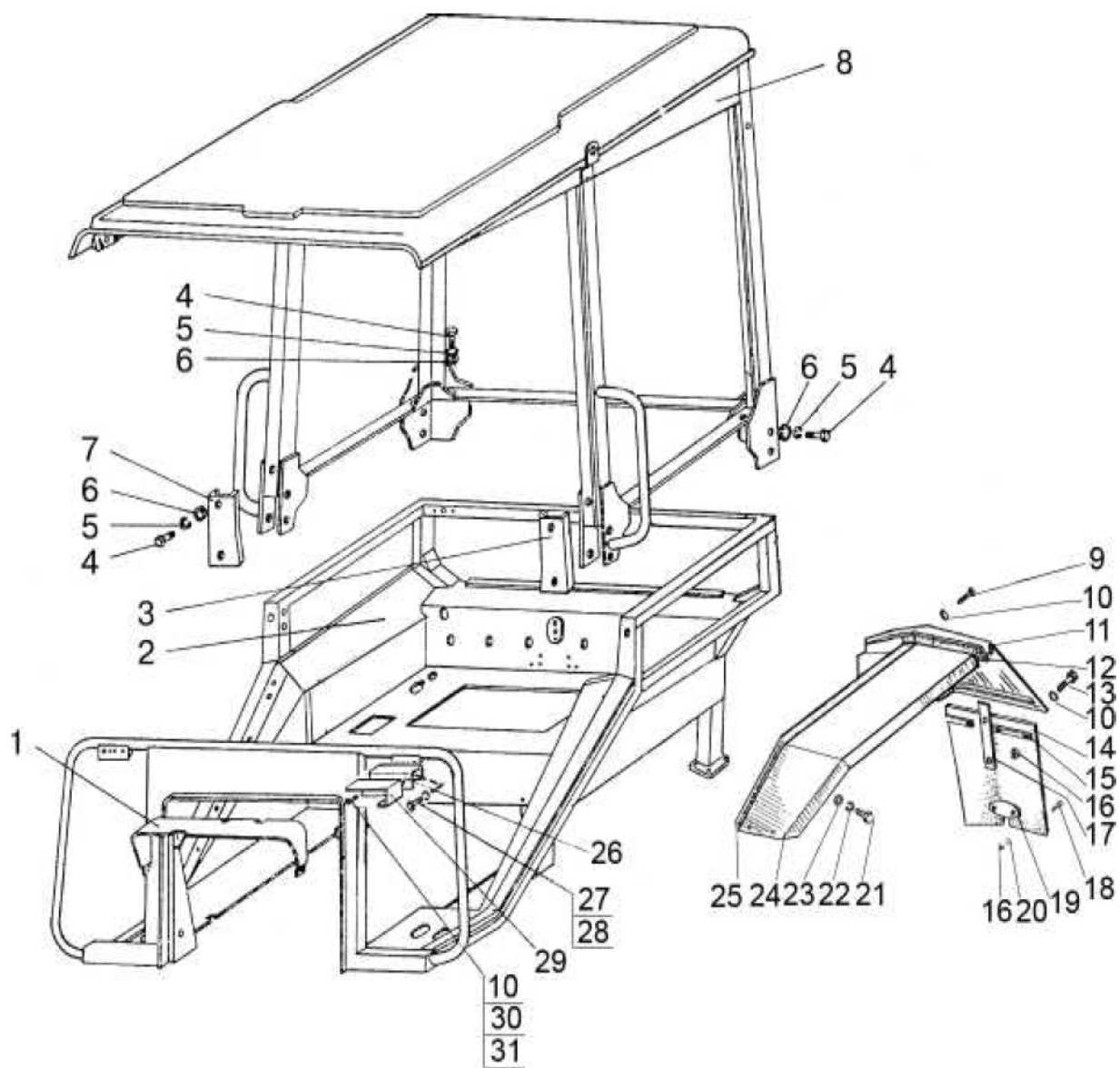


Figure 76.2. Canopy framework. Base

**Group 67. Tractor cab
Subgroup 6700. Canopy framework. Base**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
67.2		80-6700510	1	Canopy framework assembled with the base
	1	85-6703056	1	Insert
	2	80-6702510	1	Base
	3	80-6700511	1	Tie plate
	4	M12x25	22	Bolt
	5	ШП 12	24	Washer
	6	ШПЧ 12	22	Washer
	7	80-6700511-01	1	Tie plate
	8	80-6701505	1	Framework
	9	M6x16	10	Bolt
	10	ШПЧ 6	25	Washer
	11	80-8404020-Б	1	Flap
		80-8404020-Б-01	1	Flap
	12	80-8404014-А	2	Seal
	13	M6x25	10	Bolt
	14	85-8404040-А	2	Splash guard
	15	80-8404032	2	Plate
	16	M6	22	Nut
	17	80-8404031-Б	2	Spring
	18	M6x16	10	Bolt
	19	80-8404034-А	2	Plate
	20	A37.01 022	6	Washer
	21	M8x20	18	Bolt
	22	ШП 8	18	Washer
	23	ШПЧ 8	18	Washer
	24	80-8404011-Б	1	Fender
		80-8404011-Б	1	Fender
	25	80-8404014-А	2	Seal
	26	85-3712041	1	Right-hand bracket
		85-3712041-01	1	Left-hand bracket
	27	M8x14	4	Bolt
28	M8	4	Nut	
29	85-3712045	1	Right-hand bracket	
	85-3712045-01	1	Left-hand bracket	
30	BM6x18	4	Bandage	
31	ШП 6	4	Washer	

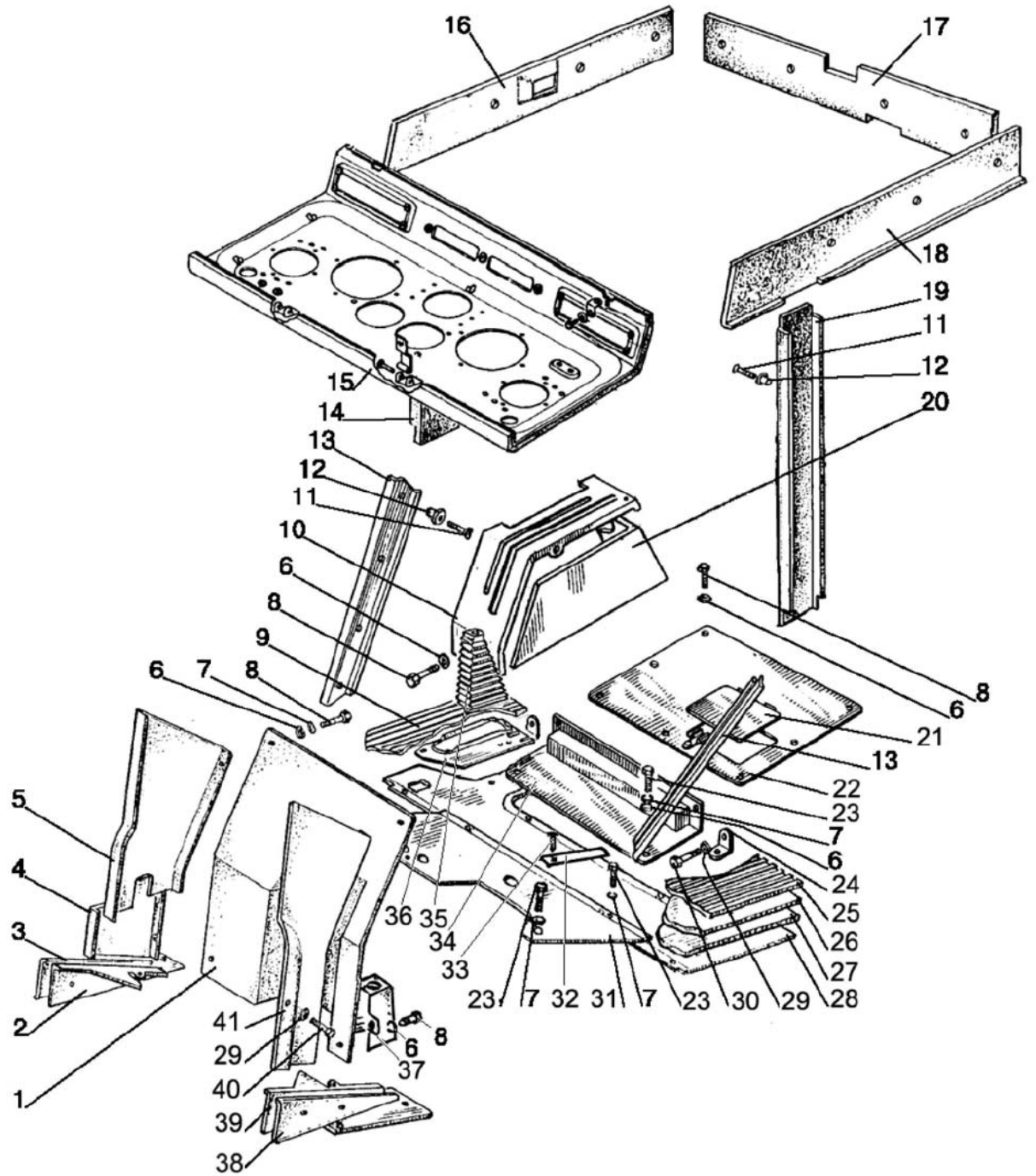


Figure 67.3. Cab floor

**Group 67. Tractor cab
Subgroup 6702. Cab floor**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
67.3	1	80-6700300	1	Panel
	2	80-6702330	1	Tie piece
	3	80-6702328-01	1	Side piece
	4	85-6700330	1	Panel
	5	85-6700340	1	Panel
	6	ШПЧ 6	16	Washer
	7	ШПШ	20	Washer
	8	M8x25	14	Bolt
	9	80-6702333-Б2	1	Right-hand mat
	10	85-6700036-Б	1	Panel cover
	11	1-4x25	28	Screw
	12	A37.10.031	28	Boss
	13	80-6702111	2	Plate
	14	1221-6700060-01	1	Tie plate
	15	80-8100100	1	Panel
	16	1221-6700065	1	Tie plate
	17	80-6700205	1	Tie plate
	18	1221-6700050	1	Tie plate
	19	1221-6700060	1	Tie plate
	20	85-6700040-Б	1	Panel
	21	85-6702130-Б	1	Panel
	22	80-6702190-Б	1	Cover
	23	85-6702390-Б	1	Cover
	24	M6x16	16	Bolt
	25	70-6702111	2	Angle piece
	26	80-6702332	1	Left-hand mat
	27	80-6702469-A	1	Gasket
	28	80-6702468-A	1	Gasket
	29	80-6702315-Б	1	Panel
	30	ШПЧ 8	10	Washer
	31	M8x16	4	Bolt
	32	80-6702310	1	Bar
	33	80-6702348	1	Left-hand clamp
		80-6702348-01	1	Right-hand clamp
	34	BM6x12	4	Screw
	35	80-6702085	1	Cover
	36	80-6702243 or	1	Boot (rubber)
		80П-6702270	1	Boot (vinyl artificial leather)
	37	80-6702820*	1	Tie plate
		80-6702817**	1	Tie plate
	38	80-6700370-Б	1	Guard
	39	80-6702328	1	Side piece
40	80-6702320	1	Tie plate	
41	M8x40	2	Bolt	
42	80-6700320	1	Panel	

* for Belarus-82.1/82P tractor

** for Belarus-80.1 tractor

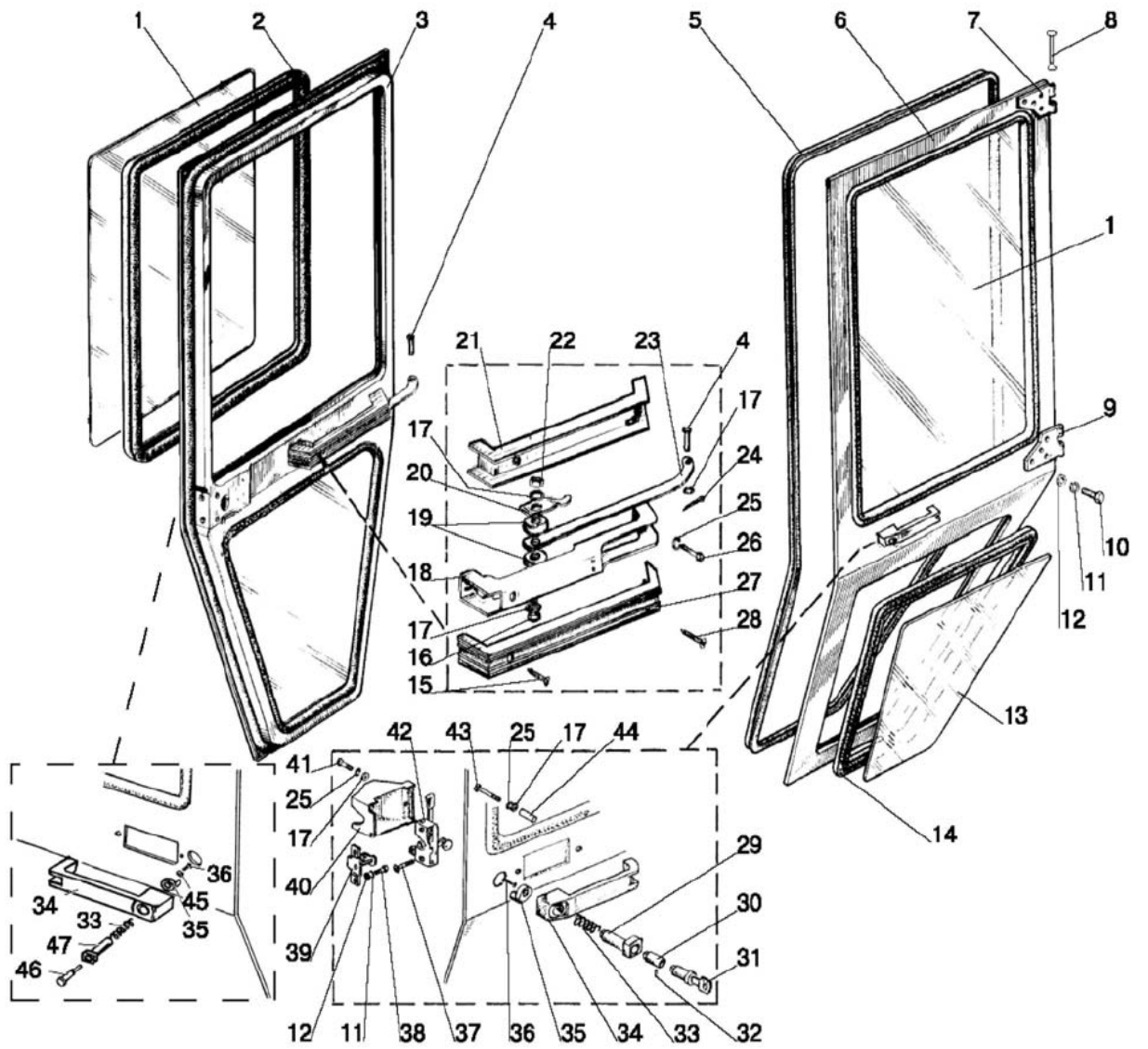


Figure 67.4. Cab doors

**Group 67. Tractor cab
Subgroup 6708. Cab doors**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
67.4		80-6708010-B	1	Left-hand door (1, 2, 5-7, 9-14)
		80-6708010-B-01	1	Right-hand door (1-3, 5, 7, 9-14)
		80-6105300-A1	1	Left-hand handle (29-36)
		80-6105330-A1	1	Right-hand handle (33-36, 45-47)
	1	80-6708013-A or 80-6708013-A1	2	Glass
	2	A37.08.043-02	2	Seal L=2720 mm
	3	80-6708020-B-03	1	Right-hand door
	4	8 x 22	2	Pin
	5	80-6700021-A	2	Profile
	6	80-6708020-B-02	1	Left-hand door
	7	A37.03.022-B	2	Upper hinge
	8	822-6700011-01	10	Pin
		ШП 5	10	Washer
	9	A37.03.022-B-01	2	Lower hinge
	10	M8x25	12	Bolt
	11/12	ШП 8/ ШП 8	12/12	Washer
	13	80-6708014-A or 80-6708014-A	2	Glass
	14	A37.08.043-03	2	Seal
	15	1-4 x 40	2	Screw
	16	M6x35	2	Bolt
	17	ШП 6	6	Washer
	18	80-6708610	2	Handrail
	19	80-6708619	4	Shock absorber
	20	80-6708618	2	Spring
	21	80-6708602	2	Tie plate
	22	M6	2	Nut
	23	80-6708616	2	Lever
	24	3.2x18	2	Cotter pin
	25	ШП 6	6	Washer
	26	M6x16	2	Bolt
	27	80-6708603	2	Tie plate
	28	1-4x25	2	Screw
	29	80-6105301-B	2	Button
	30	80-6105304-B1	1	Bushing
	31	945.025.11.01.00	1	Cylinder mechanism
	32	2x12	2	Pin
	33	80-6105302	2	Spring
	34	80-6105305	2	Handle
	35	80-6105303	2	Pusher
	36	4x10	2	Screw
	37	BM8x25	4	Screw
	38	M8x16	4	Bolt
	39	80-6105170-B	2	Gripping device
	40	80-6708812	1	Left cover
		80-6708812-01	1	Right cover
	41	BM6x16	2	Screw
	42	80-6105050	1	Left-hand gripping device
80-6105050-01		1	Right-hand gripping device	
43	BM6 x 45	2	Screw	
44	80-6708813	2	Bushing	
45	ШП 4	2	Washer	
46	80-6105331-B	1	Pusher	
47	80-6105303-B	1	Pusher	

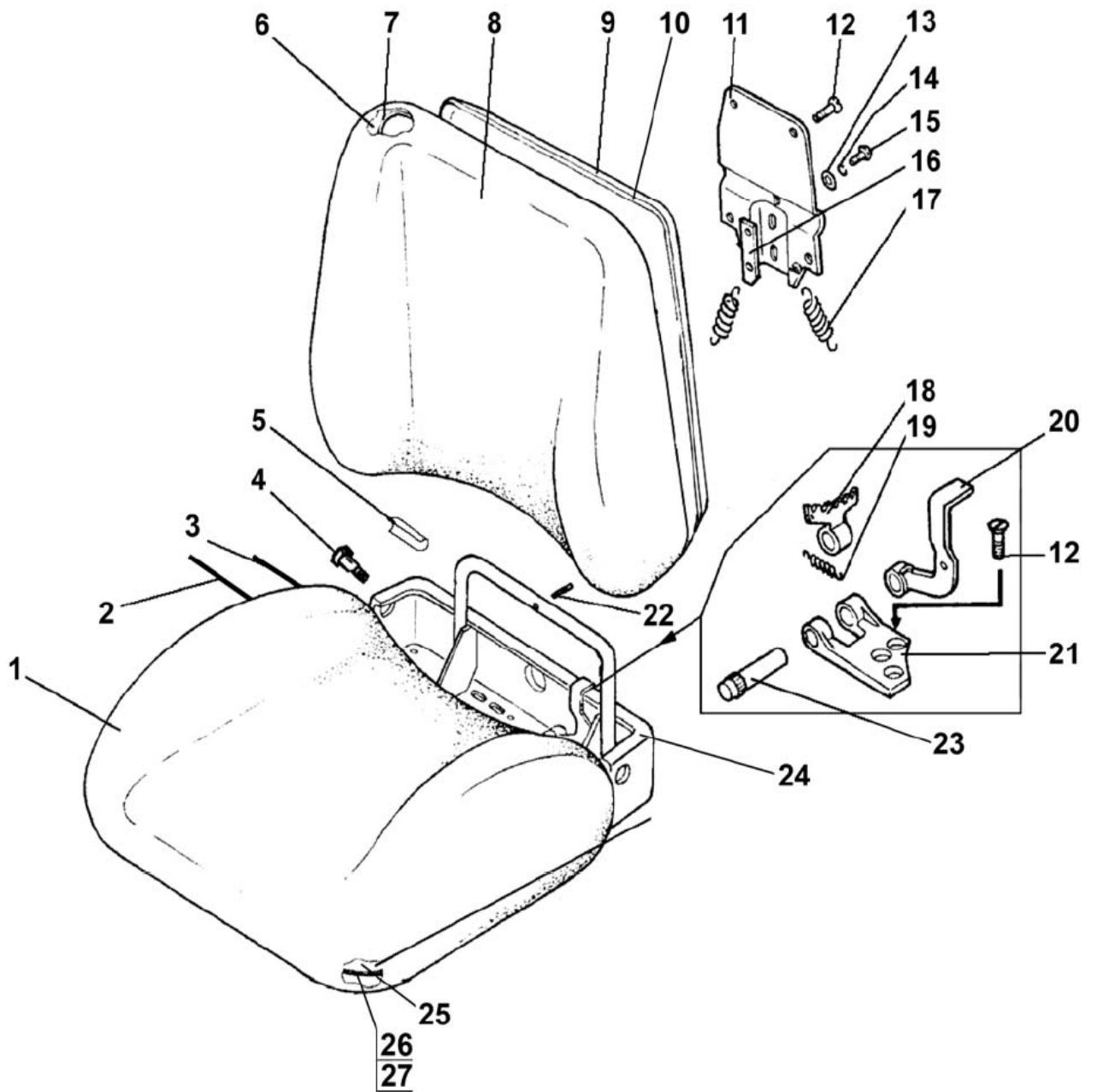


Figure 68.1. Operator seat

Group 68. Seat
Subgroup 6804. Operator seat

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
68.1		80B-6804000	1	Seat (1-27)
	1	80B-6804500	1	Boot
	2	80B-6804003	1	Bar
	3	80B-6804009	1	Axle
	4	80B-6800106	2	Bolt
	5	80B-6804015	1	Bushing
	6	80B-6805001	1	Cushion
	7	80B-6805002	1	Frame
	8	80B-6805500	1	Boot
	9	ППП26-04	1	Profile
	10	80B-6805010	1	Base
	11	80B-6804040	1	Support
	12	M8x16	7	Screw
	13	ППЧ 6	2	Washer
	14	ППП 6	2	Washer
	15	M6x14	2	Bolt
	16	80B-6804001	1	Gripping device
	17	80B-6804013-Б	2	Spring
	18	80B-6804011	1	Latch
	19	50-1310158-Б	1	Spring
	20	80B-6804080	1	Lever
	21	80-6708011	1	Loop
	22	4x25	1	Cotter pin
	23	70-6708189-01	1	Axle
	24	80B-6804020	1	Panel
	25	80B-6804007	1	Cushion
	26	80B-6804005	1	Frame
27	ППП26-03	1	Profile	

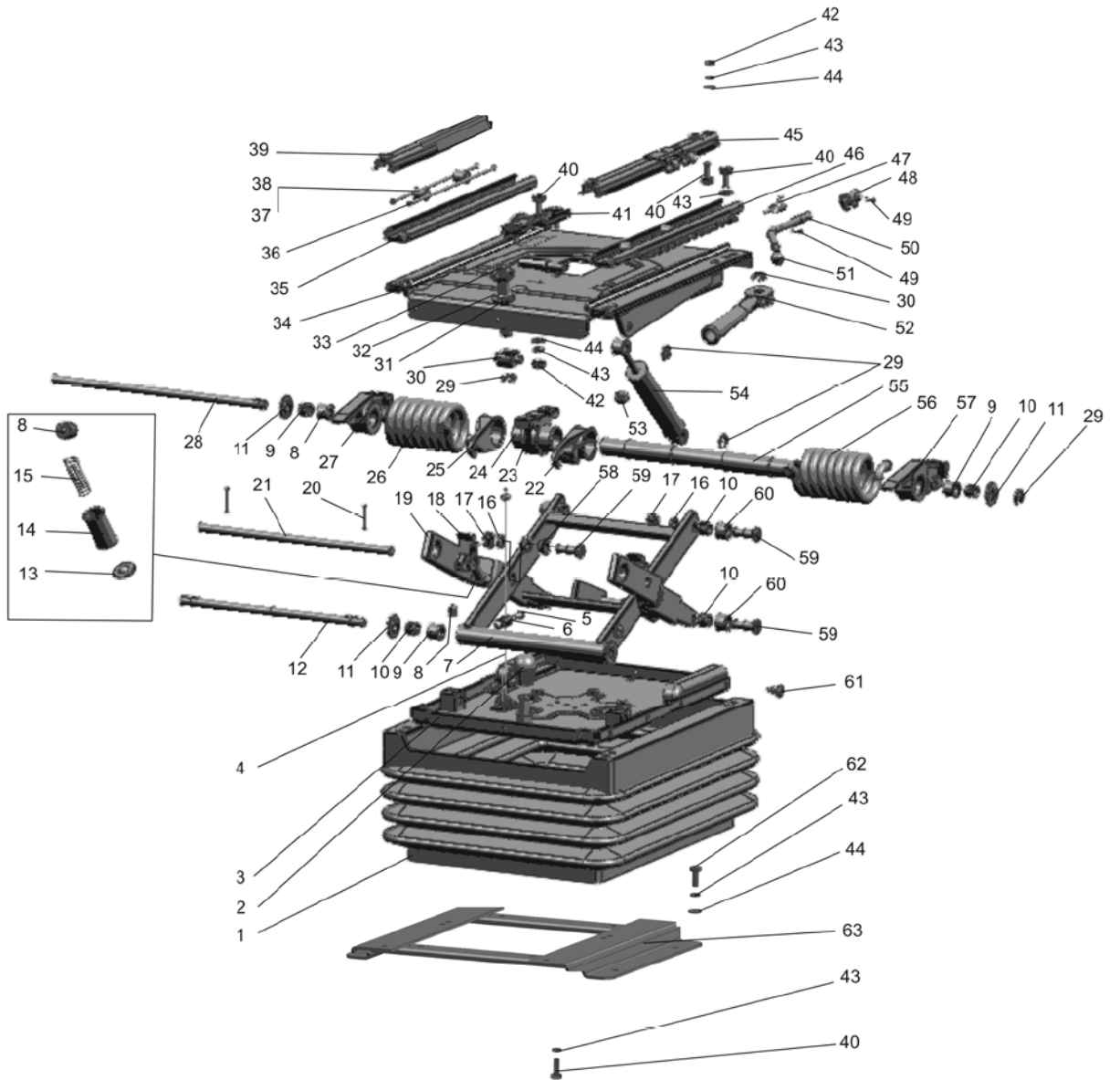


Figure 68.2. Seat suspension

**Group 68. Seat
Subgroup 6801. Seat suspension**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
68.2		80-6801500	1	Suspension (1-61)
	1	80B-6800108	1	Boot
	2	A61.01.014	1	Handle
	3	80B-6801560	1	Base
	4	80B-6801240	1	Cable
	5	M5x16	2	Screw
	6	70-4803023	1	Coupling
	7	80B-6801590-Б	1	Frame
	8	80B-6801521	4	Stop
	9	80B-6801512	4	Bushing
	10	K12x16x13E	8	Bearing
	11	80B-6801033	4	Washer
	12	80B-6801508	1	Axle
	13	80B-6801519	2	Foot
	14	80B-6801518	2	Sleeve
	15	80B-6801530-Б	2	Spring
	16	IIIИ 10	6	Washer
	17	M10	6	Nut
	18	80B-6801581	2	Latch
	19	80B-6801570	1	Frame
	20	4x22	2	Cotter pin
	21	80B-6801012	1	Axle
	22	80B-6801004-01	1	Hook
	23	80B-6801001	1	Bracket
	24	80B-6801003	1	Axle
	25	80B-6801004	1	Hook
	26	80B-6801002	1	Spring
	27	80B-6801507	1	Sector
	28	80B-6801506	1	Axle
	29	70-6801307	5	Washer
	30	80B-6801023	1	Nut
	31	80B-6801008	1	Washer
	32	3.0-100	22	Ball
	33	80B-6801152	1	Screw
	34	80-6801550	1	Panel
	35	80-6800104	1	Guide
	36	70-6804394-Б	4	Bar
	37	70-6804391	4	Roller
	38	010-015-30-2-3	4	Ring
	39	80-6800110-01	1	Rack
	40	M8x20	15	Bolt
	41	80B-6801031	1	Booster
	42	M8	5	Nut
	43	IIIИ 8	19	Washer
	44	IIIЧ 8	14	Washer
	45	80-6800110	1	Rack
	46	80-6800120	1	Guide
	47	80-6800103	1	Spring
	48	80-6800102	1	Stopper
	49	70-4202431-01	2	Pin
	50	80-6800101	1	Handle
	51	70-6801082	1	Handle
	52	80B-6801150	1	Handle
	53	80-6801531	6	Shock absorber
54	80-6809100-11	1	Shock absorber	

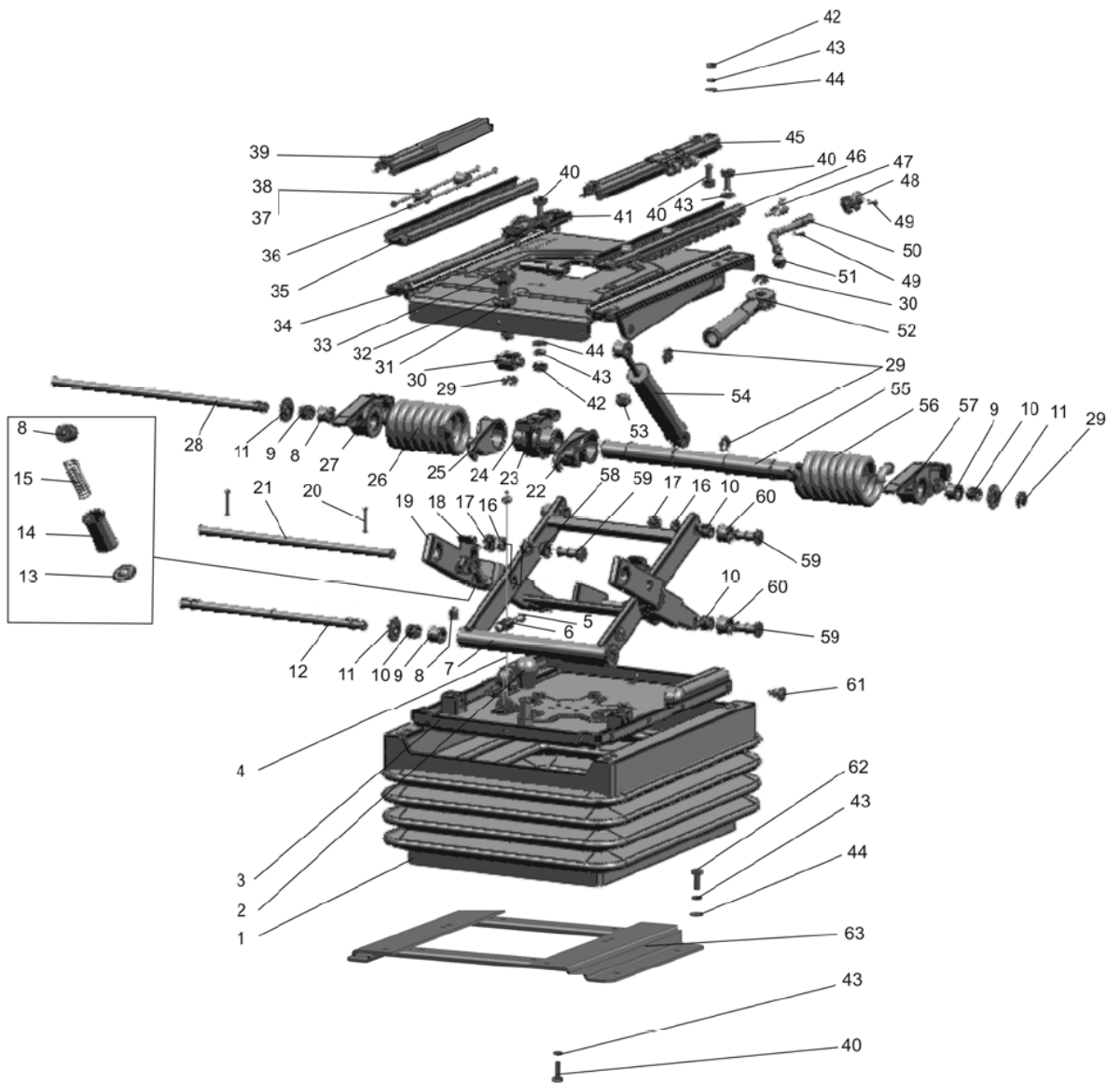


Figure 68.2. Seat suspension

Group 68. Seat. Subgroup 6801. Seat suspension.

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
68.2	55	80B-6801505	1	Roller
	56	80B-6801002-01	1	Spring
	57	80B-6801507-01	1	Sector
	58	80B-6801526	4	Bushing
	59	80B-6801528	6	Axle
	60	80B-6801032	4	Roller
	61	80-6800006	20	Button
	62	M8x30	4	Bolt
	63	80B-6807200	1	Bracket

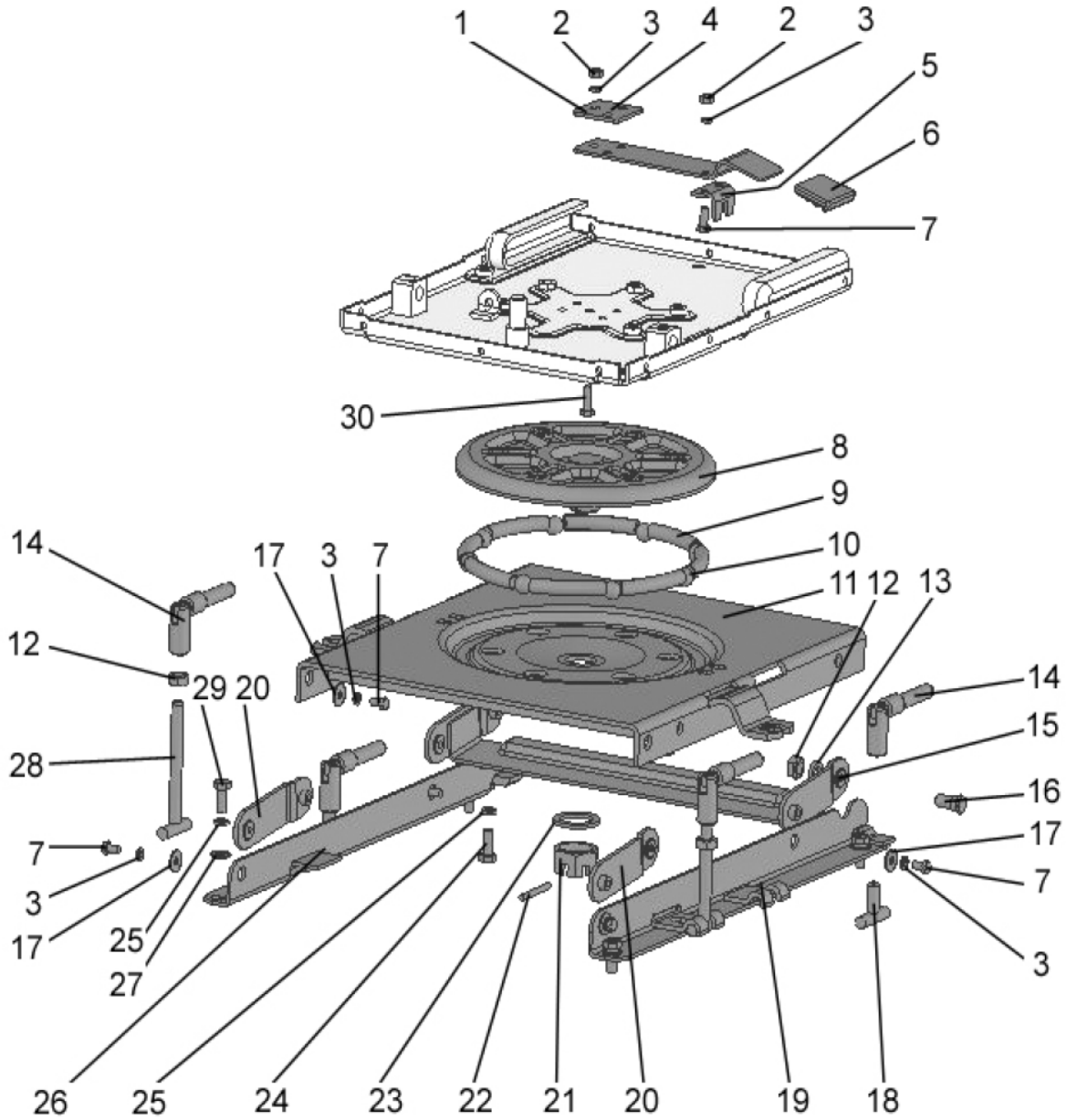


Figure 68.3. Reverse mechanism (for Belarus-82II tractor)

Group 68. Seat
Subgroup 6807. Reverse mechanism (for Belarus-82П tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
68.3		80B-6807000	1	Reverse mechanism
	1	80B-6804014	1	Tie plate
	2	M6	5	Nut
	3	ШП 6	11	Washer
	4	80B-6807009-Б	1	Lever
	5	1522-6807101	1	Stopper
	6	80B-6804066	1	Tie plate
	7	M6x14	8	Bolt
	8	80B-6807070	1	Disk
	9	80-1716041	8	Spring
	10	15.081	8	Ball
	11	2522-6807020-01	1	Panel
	12	M10	4	Nut
	13	ШП 10	2	Washer
	14	80B-6807040	4	Clamp
	15	80B-6807030	1	Connecting rod
	16	2522-6807001	2	Bolt
	17	ШП 6	6	Washer
	18	80B-6807050	2	Screw
	19	80B-6807010	1	Bracket
	20	80B-6807060	2	Connecting rod
	21	A04.04.020	1	Nut
	22	5x45	1	Cotter pin
	23	ШП 27	1	Washer
	24	M8x20	4	Bolt
	25	ШП 8	9	Washer
	26	80B-6807010-01	1	Bracket
	27	ШП 8	4	Washer
	28	80B-6807050-01	2	Screw
	29	M8x30	4	Bolt
30	M6x20	3	Bolt	

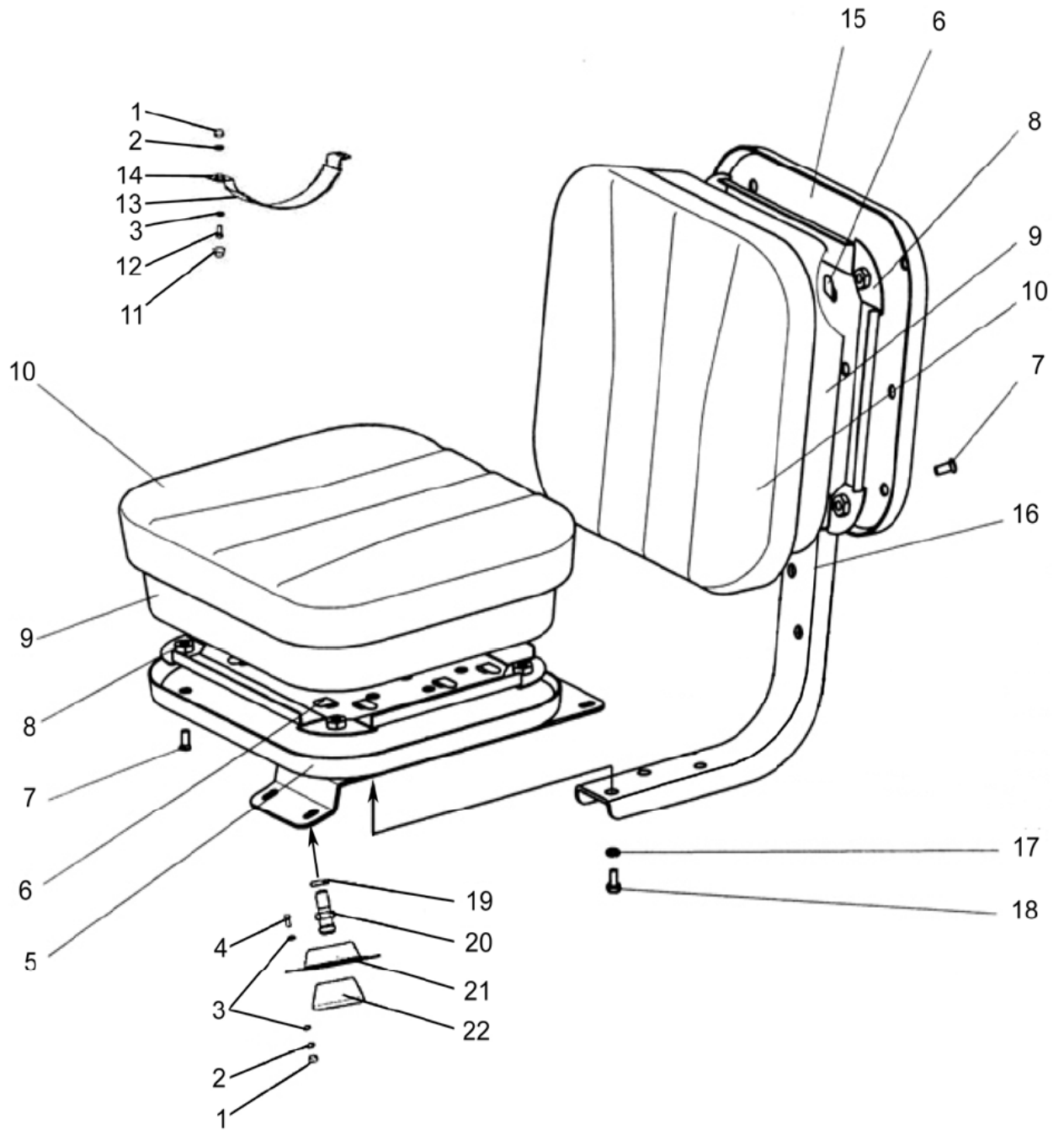


Figure 68.4. Additional seat

Group 68. Seat
Subgroup 6809. Additional seat

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
68.4	1	M6	6	
	2	ШП 6	6	
	3	ШЧ 6	10	
	4	M6x30	4	
	5	1221-6809020	1	
	6	2522-6809012	20	
	7, 18	M8x16	14	
	8	2522-6809030	2	
	9	2522-6809011	2	
	10	2522-6809040	2	
	11	A30.04.017	2	
	12	M6x16	2	
	13	A37.07.019-01	1	
	14	A37.07.011	1	
	15	2522-6809060	1	
	16	2522-6809006	1	
	17	ШП 8	6	
	19	ШП 10	2	
	20	70-6700031	2	
	21	70-6700116	2	
	22	50-3711038	2	

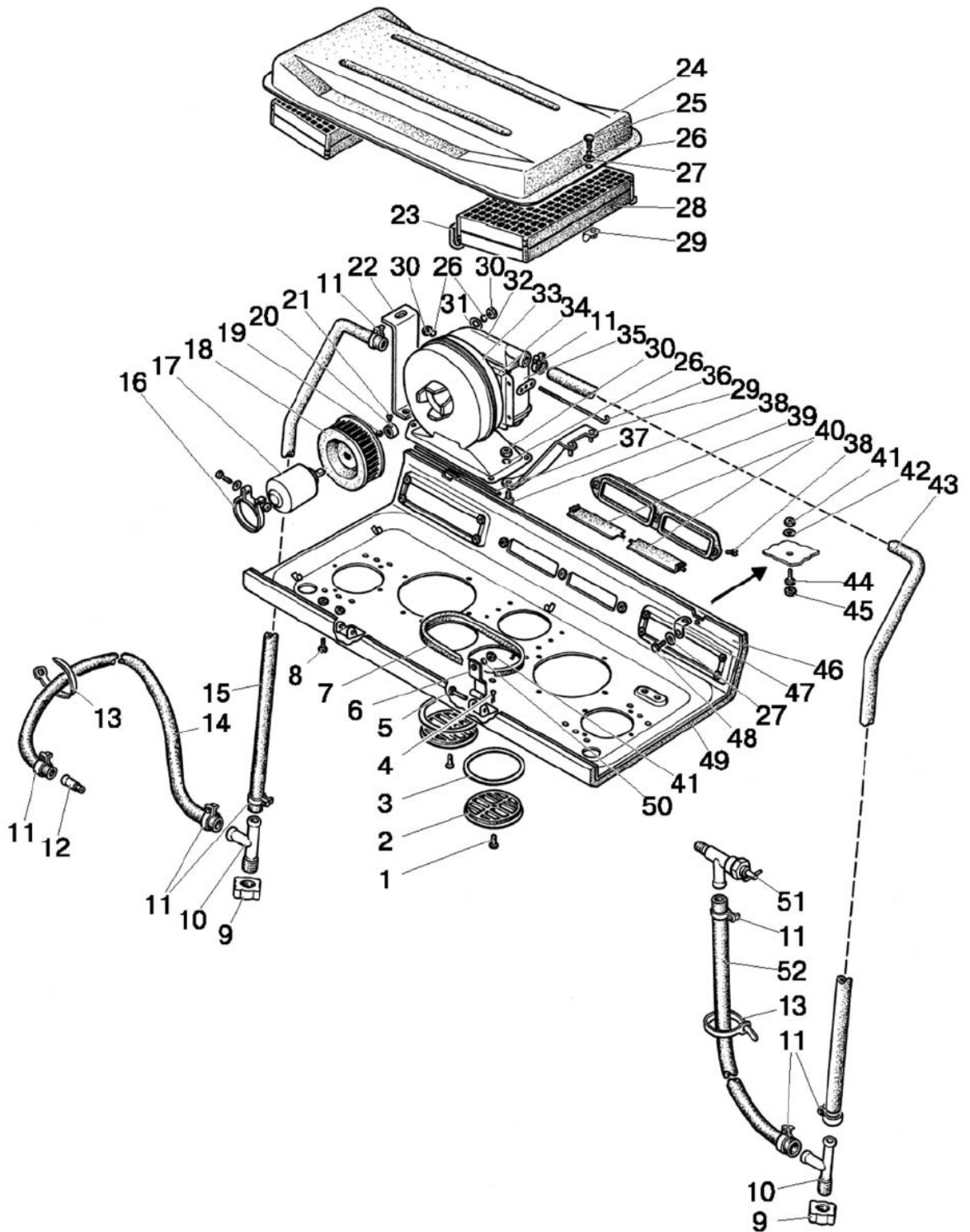


Figure 81.1. Heater. Heater fittings

Group 81. Heater
Subgroup 8101. Heater. Heater fittings

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
81.1		80-8101720	1	Heater (16-22, 26, 29-36)
		80-8101810	1	Panel (1-8, 27, 37-40, 46, 47-49)
		80-8101830	1	Heater fittings (9-15, 43, 51, 52)
	1	6x18	2	Pin
	2	150.95.301	2	Air distributor
	3	80-8100013	2	Tie plate
	4	2x12	2	Cotter pin
	5	50-8400031	2	Axle
	6	80-8100048	2	Loop
	7	80-8101714-07	1	Seal
	8	BM6x20	2	Screw
	9	80-8100052	2	Plug
	10	80-8100051	2	T-branch
	11	XC-23	8	Clamp
	12	80-8100023	1	Connecting pipe
	13	80-3723045-01	3	Cup
	14	80-8102015-02	1	Hose pipe L=1740 mm
	15	80-8101015	1	Hose pipe L=2080 mm
	16	XC-76	1	Clamp
	17	9742.3730	1	Electric motor
	18	80-8104034	1	Rotor
	19	M4	1	Nut
	20	80-8104039	1	Ring
	21	BM4x10	1	Screw
	22	80-8101721	1	Brace
	23	80-8101714-04	2	Seal
	24	80-8101760	1	Cover
	25	M6x20	2	Bolt
	26	ШШ 6	11	Washer
	27	ШЧ 6	4	Washer
	28	80-8104070	2	Filter
	29	80-8101820	1	Suspension
	30	M6	10	Nut
	31	ШЧ 6	3	Washer
	32	70У-8101070-А	1	Heater radiator
	33	80-8101730-А	1	Guard
	34	ПП32-06	2	Seal
	35	80-8101800	1	Guard
	36	80-3703046-А	1	Pin
	37	80-8100014	1	Bar
	38	BM6x16	6	Screw
	39	80-8100011-Б	1	Cover
	40	80-8100012	2	Shutter
	41	M8	4	Nut
	42	ШЧ 8	2	Washer
	43	80-8102015	1	Hose pipe L=2230 mm
	44	M8x35	2	Bolt
	45	A30.04.017-01	2	Cap
	46	80-8100100	1	Panel
	47	70-6702111	2	Angle piece
	48	M6x16	2	Bolt
	49	80-8101713	1	Upholstery
50	ШШ 8	2	Washer	
51	BC-11	1	Cock	
52	80-8102015-03	1	Hose pipe L=550 mm	

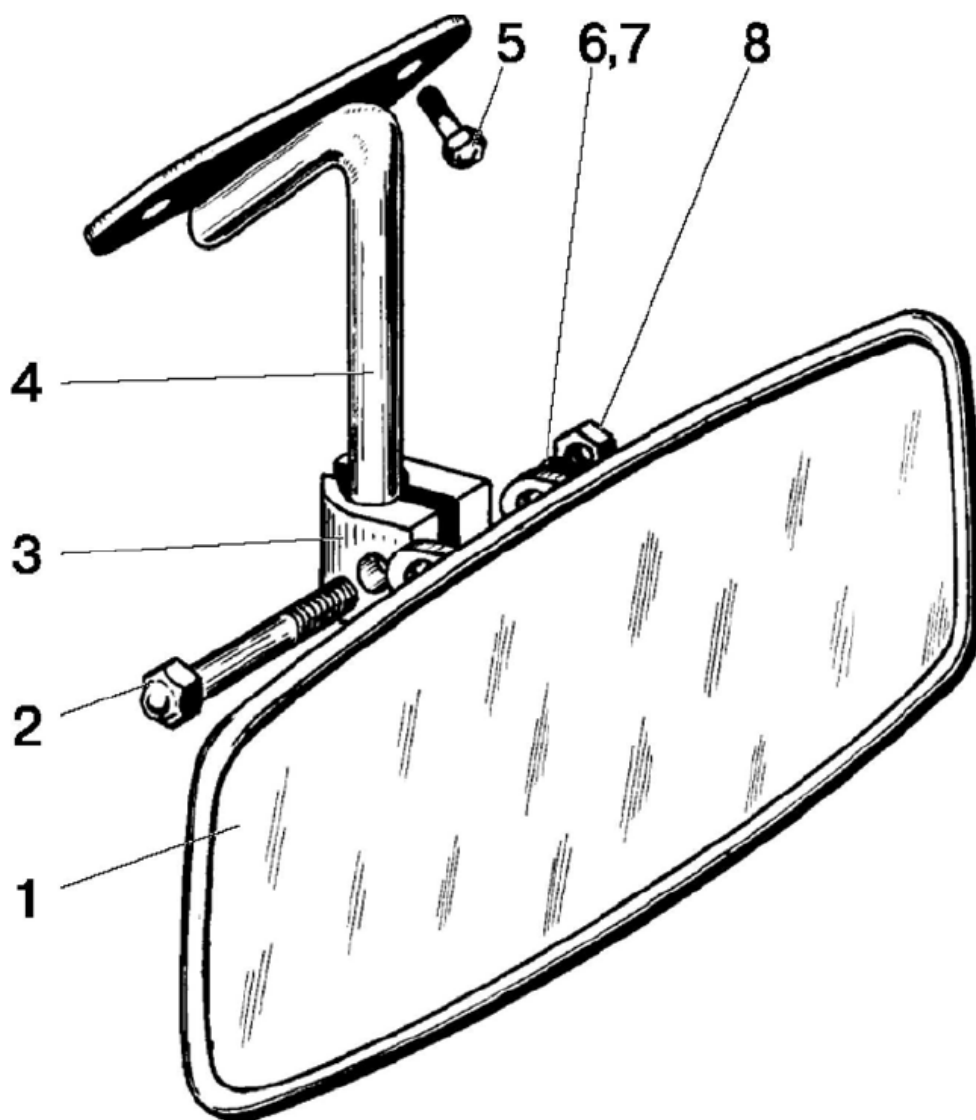


Figure 82.1. Internal rear-view mirror

Group 82. Cab accessories
Subgroup 8201. Internal rear-view mirror

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
82.1	1	80-8201035	1	Mirror
	2	M8x25	1	Bolt
	3	A3O.04.071	1	Buckle
	4	80П-8201025	1	Bracket
	5	BM6x12	2	Screw
	6	ШЧ 8	1	Washer
	7	ШП 8	1	Washer
	8	M8	1	Nut

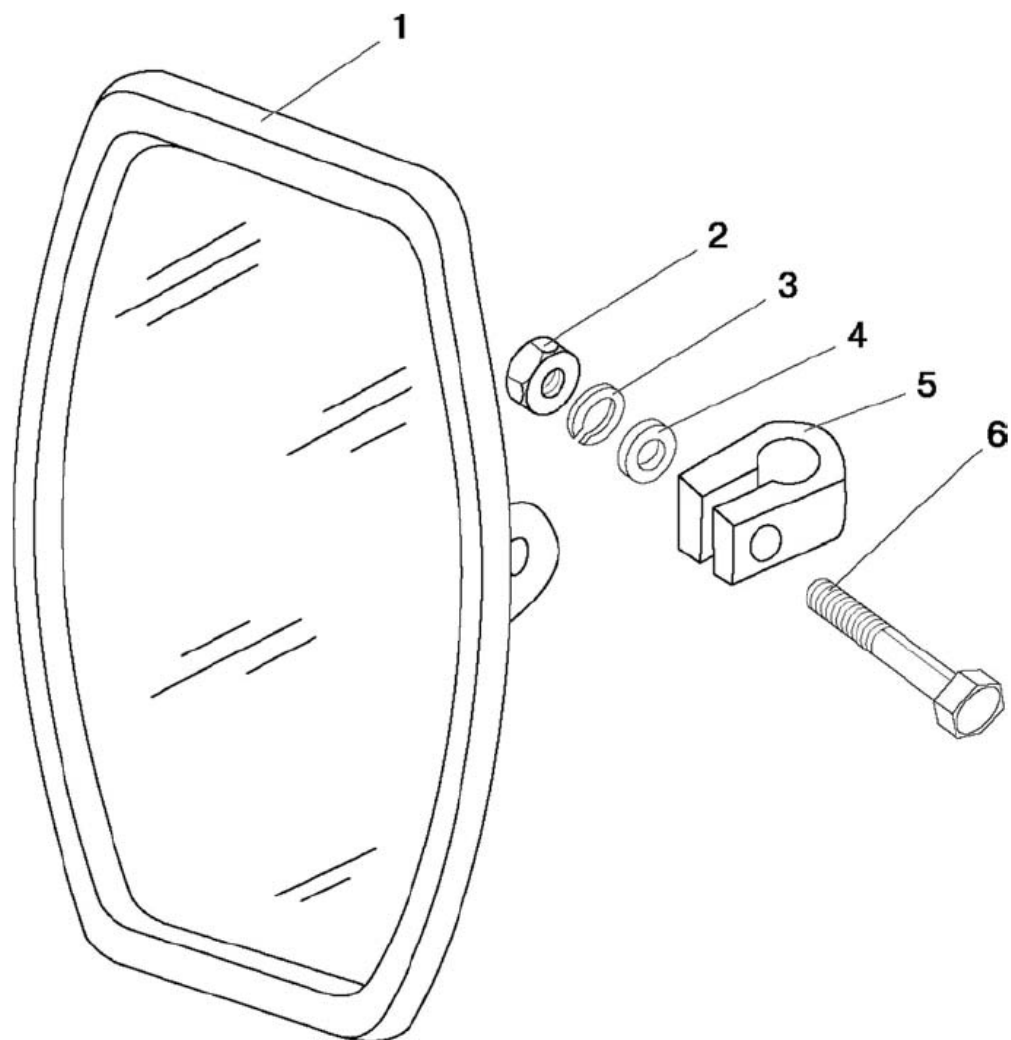


Figure 82.2. Side rear-view mirror

Group 82. Cab accessories
Subgroup 8201. Side rear-view mirror

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
82.2	1	80-8201055	2	Side rear-view mirror
	2	M8	2	Nut
	3	ШП 8	2	Washer
	4	ШЧ 8	2	Washer
	5	A30.04.051	2	Clamp
	6	M8x40	2	Bolt

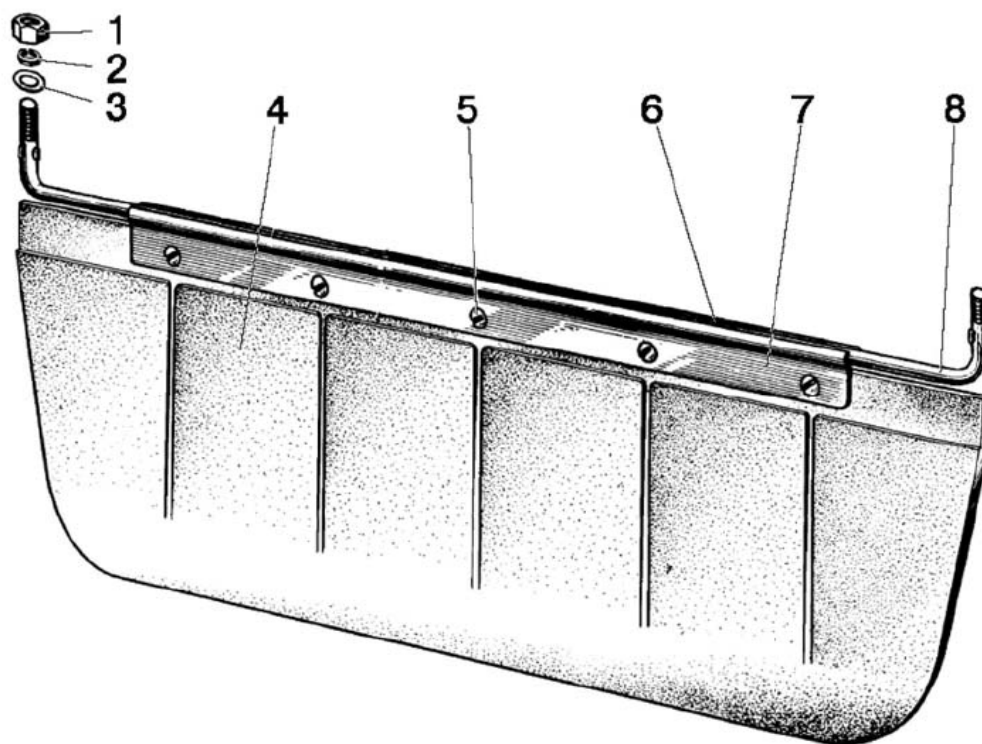


Figure 82.3. Sun visor

Group 82. Cab accessories
Subgroup 8204. Sun visor

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
82.3		80П-8204010	1	Sun visor (4-8)
	1	M6	2	Nut
	2	ШП 6	2	Washer
	3	ШЧ 6	2	Washer
	4	70-8204011-A	1	Visor
	5	BM4x10	5	Screw
	6	70-8204015	1	Holder
	7	70-8204014	1	Holder
8	80П-8204011-01	1	Axle	

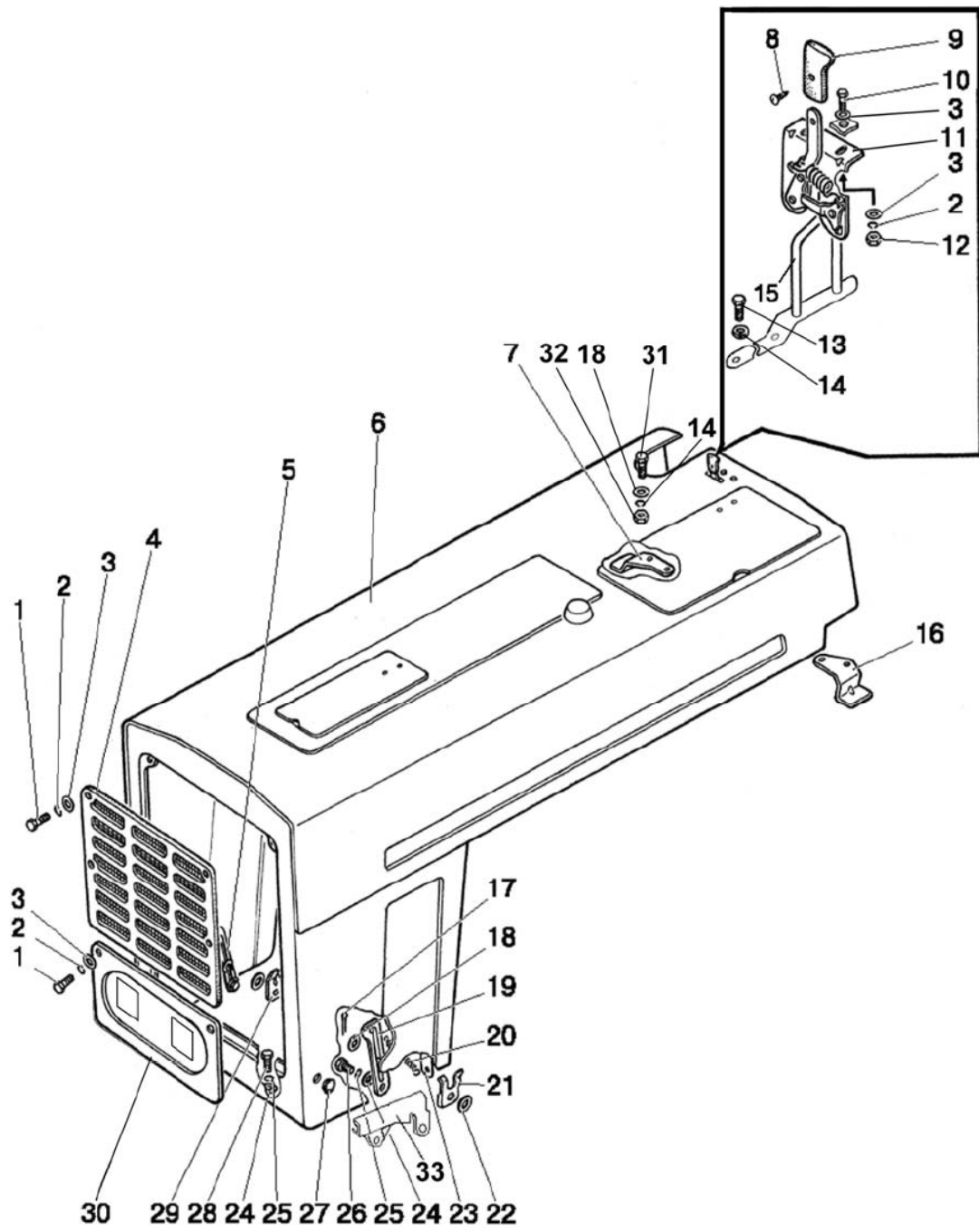


Figure 84.1. Radiator facing. Bonnet (except for Belarus-82P tractor)

Group 84. Empennage
Subgroup 8400. Radiator facing. Bonnet (except for Belarus-82P tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.1		80-8400005	1	Shell (1-33)
	1	M6x35	6	Bolt
	2	ШП 6	8	Washer
	3	ШП 6	10	Washer
	4	80-8401070	1	Grill
	5	50-8400016-A	1	Sector
	6	80-8402020-01	1	Bonnet
	7	600-8402067	1	Support
	8	4x10	1	Screw
	9	80-6105056	1	Handle
	10	M6x16	2	Bolt
	11	80-8402410	1	Gripping device
	12	M6	2	Nut
	13	M8x20	2	Bolt
	14	ШП 8	3	Washer
	15	80-8402420	1	Clamp
	16	600-8402068	1	Support
	17	3.2x25	2	Cotter pin
	18	ШП 8	3	Washer
	19	50-8400017-A	1	Sector
	20	50-1310158-Б	1	Spring
	21	80-8401004-01	1	Gripping device
	22	ШП 16	2	Washer
	23	80-8400014	1	Lever
	24	ШП 10	6	Washer
	25	ШП 10	6	Washer
	26	50-8400024	2	Bolt
	27	50-2401071	2	Plug
	28	M10x25	4	Bolt
	29	80-8401004	1	Gripping device
	30	80-8401080-Б	1	Grill
	31	M8x16	1	Bolt
	32	M8	1	Nut
33		80-8401006	1	Insert (left-hand)
		80-8401006-01	1	Insert (right-hand) (not shown in the Figure)

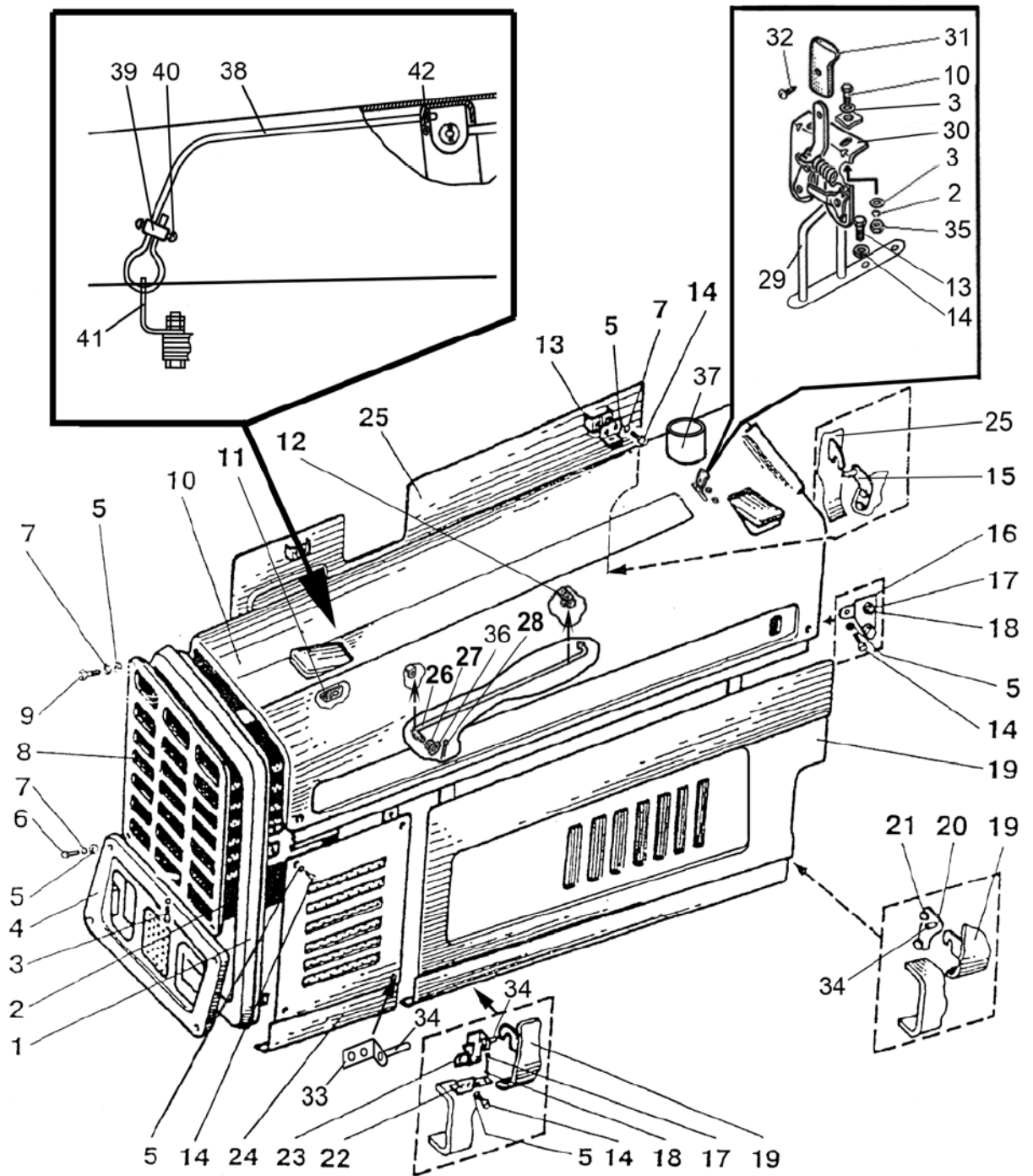


Figure 84.2. Radiator facing. Bonnet (for Belarus-82P tractor)

Group 84. Empennage
Subgroup 8401, 8402. Radiator facing. Bonnet (for Belarus-82P tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.2	1	90-8402030	1	Frame
	2	90-8402025-01	1	Side piece
	3	ШП 10	4	Washer
		ШП 10	4	Washer
		M10x25	4	Bolt
	4	90-8401080	1	Grill
	5	ШП 6	34/26*	Washer
	6	M6x35	4	Bolt
	7	ШП 6	34/26*	Washer
	8	90-8401120	1	Grill
	9	M6x20	2	Bolt
	10	90-8402020	1	Bonnet
		90-8402020-01*	1	Bonnet
	11	90-8400012	1	Bracket
	12	90-8400021	1	Clamp
	13	90-8402410	2	Gripping device
		90-8402410-01	2	Gripping device
	14	M6x16	28/20*	Bolt
	15	90-8401065	1	Support
	16	90-8401040-01	1	Bracket
		90-8401040	1	Bracket
	17	M8x20	8	Bolt
	18	ШП 8	8	Washer
	19	90-8402310	1	Side piece
	20	90-8401060	1	Support
	21	M12x55	1	Bolt
		M12	1	Nut
		ШП 12	1	Washer
		ШП 12	2	Washer
	22	90-8401031	1	Bracket
		90-8401031-01	1	Bracket
	23	90-8401050-01	1	Bracket
		90-8401050	1	Bracket
		90-8401055*	1	Bracket
		90-8401055-01*	1	Bracket
	24	90-8402025	1	Side piece
	25	90-8402320	1	Side piece
26	90-8400070	1	Rod	
27	549A-1305044	1	Ring	
28	3,2 x 25	1	Cotter pin	
29	90-8402420-Б	1	Clamp	
30	80-8402410	1	Gripping device	
31	80-6105056	1	Handle	
32	4x10.019	1	Screw	
33	90-8402075	2	Catch	
34	90-8402056-01	6/2*	Bushing	
35	M6	2	Nut	
36	ШП 8	1	Washer	
37	800-1109002	1	Adapter	

* Variant without side piece 90-8402310 and 90-8402320 (pos. 19 and 25)

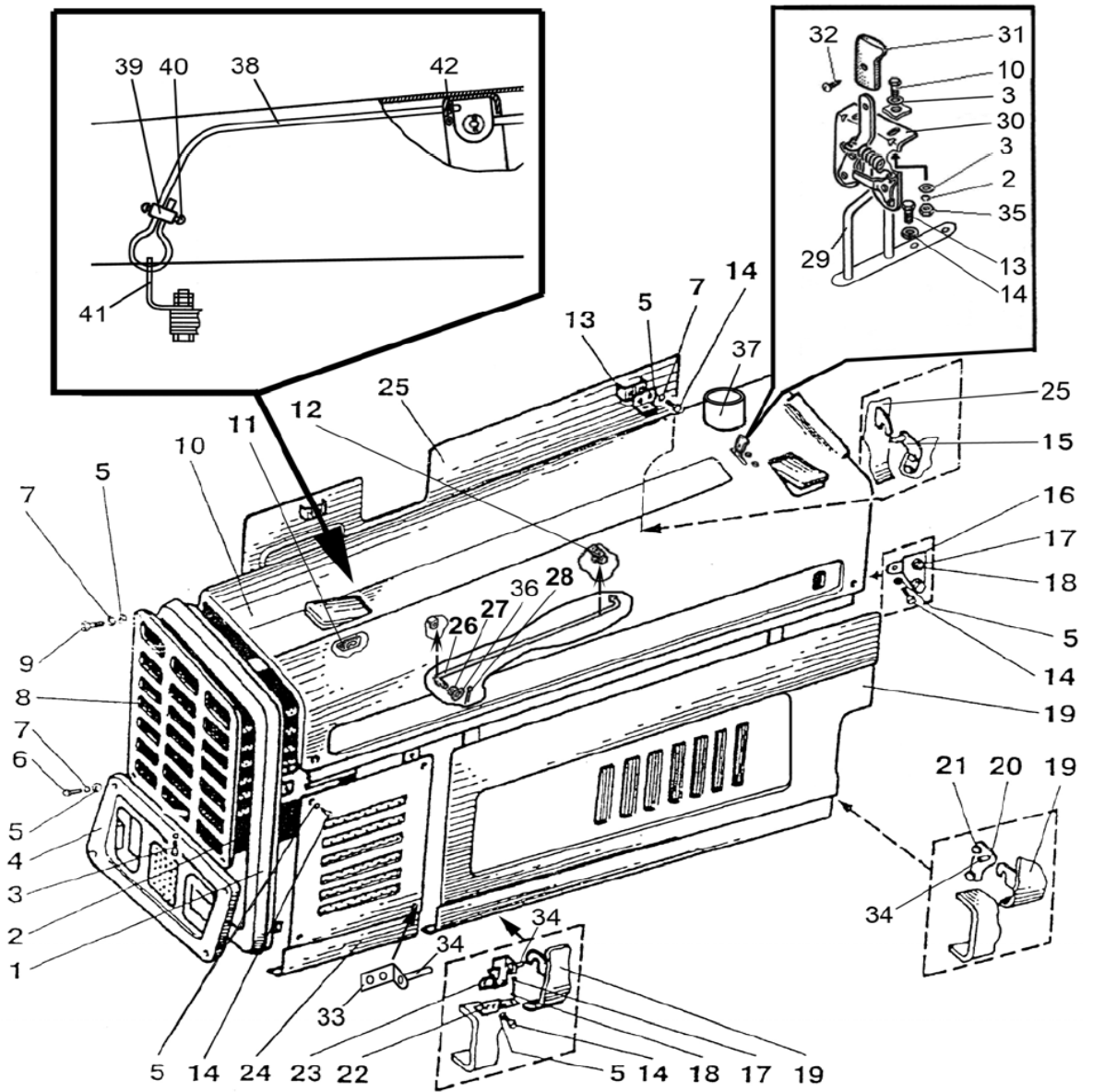


Figure 84.2. Radiator facing. Bonnet (for Belarus-82P tractor)

Group 84. Empennage**Subgroup 8401, 8402. Radiator facing. Bonnet (for Belarus-82P tractor)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.2	38	90-8402050	1	Cable
	39	70-4803023	1	Coupling
	40	M5x12	2	Screw
	41	70-6702111	1	Angle piece
	42	ШП 4	1	Washer

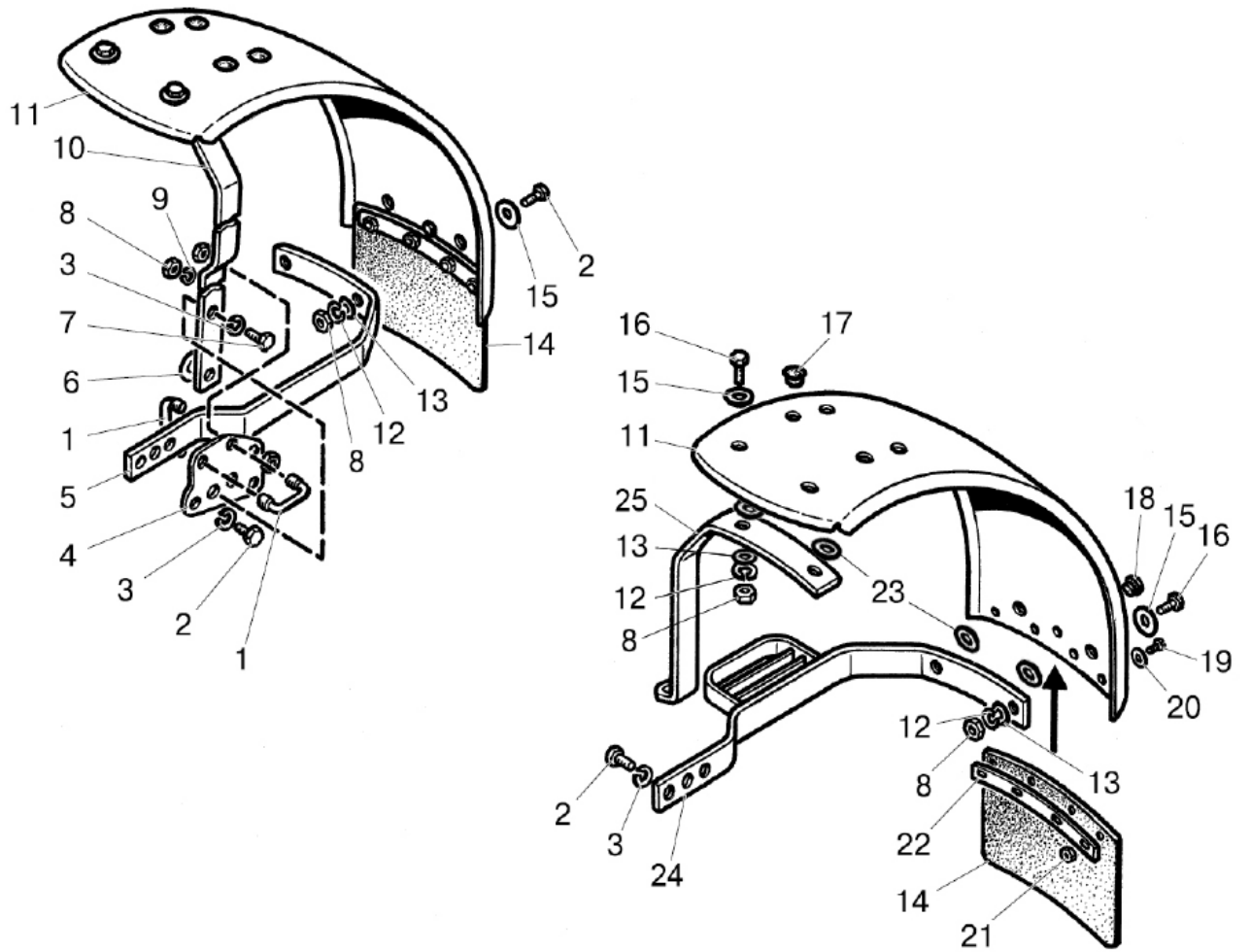


Figure 84.3. Front fenders (for Belarus-80.1/80.3/80Y tractors)

Group 84. Empennage
Subgroup 8403. Front fenders (for Belarus-80.1/80.3/80Y tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.3		82-8403010-03/-04	1	Fender (1-25)
	1	52-8403018	2	U-bolt
	2	M12x35	6	Bolt
	3	ШП 12	7	Washer
	4	52-8403011	1	Plate
	5	82-8403021	1	Bracket
	6	ШП 12	1	Washer
	7	M12x45	1	Bolt
	8	M10	12	Nut
	9	ШП 10	4	Washer (especially heavy)
	10	82-8403016	1	Bracket
	11	80-8403041	2	Fender (metallic)
	12	ШП 10	8	Washer (light)
	13	ШП 10	8	Washer
	14	80-8403030	2	Shutter
	15	ШП 10	8	Washer (increased)
	16	M10x35	8	Bolt
	17	500A-8507096	8	Choke
	18	50-8400018	2	Choke
	19	BM6x16	8	Screw
	20	ШП 6	8	Washer
	21	M6	8	Nut
	22	80-8403013	2	Slat
	23	50-1301165	8	Gasket
	24	82-8403020	1	Bracket
25	82-8403016-Б	1	Bracket	
Variant (plastic fenders)				
		82-8403010-A/-01	1	Fender (1-13, 15, 16, 24, 25)
1		52-8403018	2	Bracket
2		M12x35	2	Bolt
3		ШП 12	7	Washer
4		52-8403011	1	Plate
5		82-8403021	1	Bracket
6		ШП 12	1	Washer
7		M12x45	1	Bolt
8		M10	12	Nut
9		ШП 10	4	Washer
10		82-8403016	1	Bracket
11		80-8403041-A-01	2	Fender (plastic)
12		ШП 10	8	Washer (light)
13		ШП 10	8	Washer
15		ШП 10	8	Washer (increased)
16		M10x35	8	Bolt
24		82-8403020	1	Bracket
25		82-8403016-Б	1	Bracket

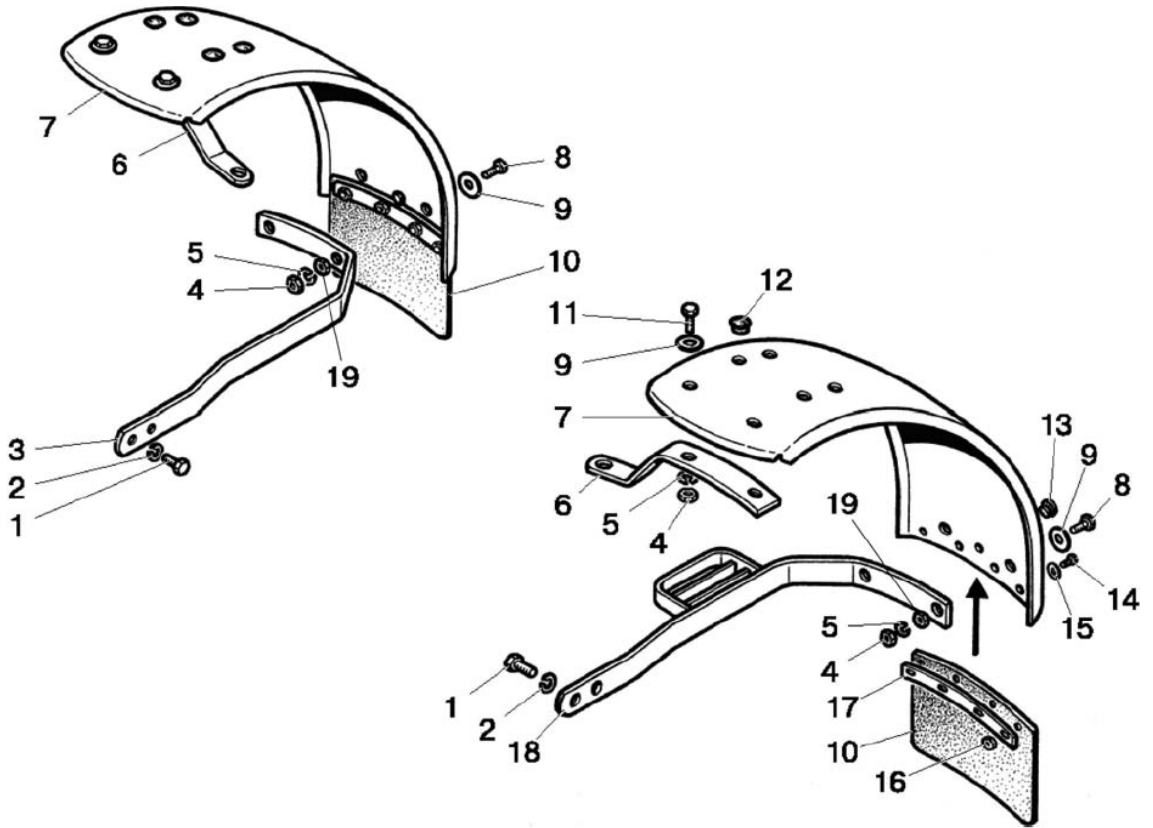


Figure 84.3. Front fenders (for Belarus-80.1/80.3/80Y tractors)

Group 84. Empennage
Subgroup 8403. Front fenders
(for Belarus-80.1/80.3/80Y tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.4		80-8403010/-01	1	Fender (1-18)
	1	M16x32	4	Bolt
	2	ШП 16	4	Washer
	3	80-8403016-01	1	Bracket
	4	M12	8	Nut
	5	ШП 12	8	Washer
	6	80-8403014	2	Bracket
	7	80-8403041	2	Fender (metallic)
	8	M12x35	4	Bolt
	9	ШП 12	8	Washer
	10	80-8403030	2	Shutter
	11	M12x30	4	Bolt
	12	500A-8507096	8	Choke
	13	50-8400018	2	Shock absorber
	14	BM6x16	8	Screw
	15	ШП 6	8	Washer
	16	M6	8	Nut
	17	80-8403013	2	Slat
18	80-8403015	1	Bracket	
Variant (plastic fender)				
		80-8403010-A/-01	1	Fender (1-7, 9, 11, 18, 19)
1		M16x32	4	Bolt
2		ШП 16	4	Washer
3		80-8403016-01	1	Bracket
4		M10	8	Nut
5		ШП 10	8	Washer (light)
6		80-8403014	2	Bracket
7		80-8403041-A	2	Fender (plastic)
9		ШП 10	8	Washer (increased)
11		M12x30	4	Bolt
18		80-8403015	1	Bracket
19		ШП 10	8	Washer

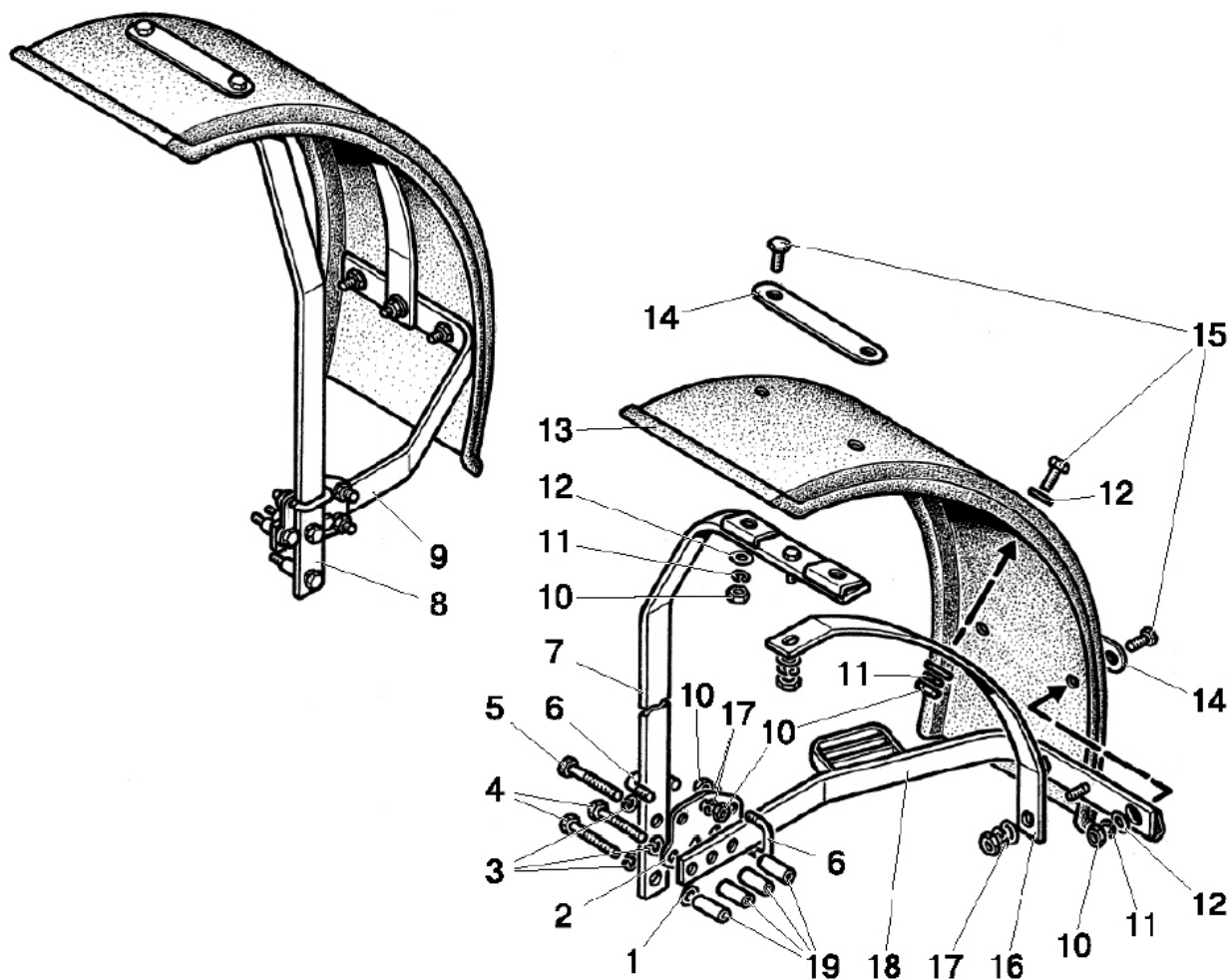


Figure 84.5. Front fenders (for Belarus 82P tractor)

Group 84. Empennage
Subgroup 8403. Front fenders (for Belarus 82P tractor)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.5		82P-8403010-Б/-01	1	Front fenders(1-19)
	1	ШПЧ 12	2	Washer
	2	82P-8403011-Б	2	Plate
	3	ШПЧ 12	8	Washer
	4	M12x100	6	Bolt
	5	M12x110	2	Bolt
	6	52-8403018	4	Bracket
	7	82P-8403015-Б	1	Bracket
	8	82P-8403015-Б-01	1	Bracket
	9	82P-8403025-Б-01	1	Bracket
	10	M10	22	Nut
	11	ШПЧ 10	10	Washer
	12	ШПЧ 10	16	Washer
	13	82P-8403014-Б1 or 82P-8403014-Б2	2	Fender
	14	82P-8403012-Б	4	Band
	15	M10x30	10	Bolt
	16	82P-8403013-Б	2	Fender
	17	ШПЧ 10	12	Washer (light)
	18	82P-8403020-Б	1	Bracket
19	82P-8403021-Б	8	Bushing	

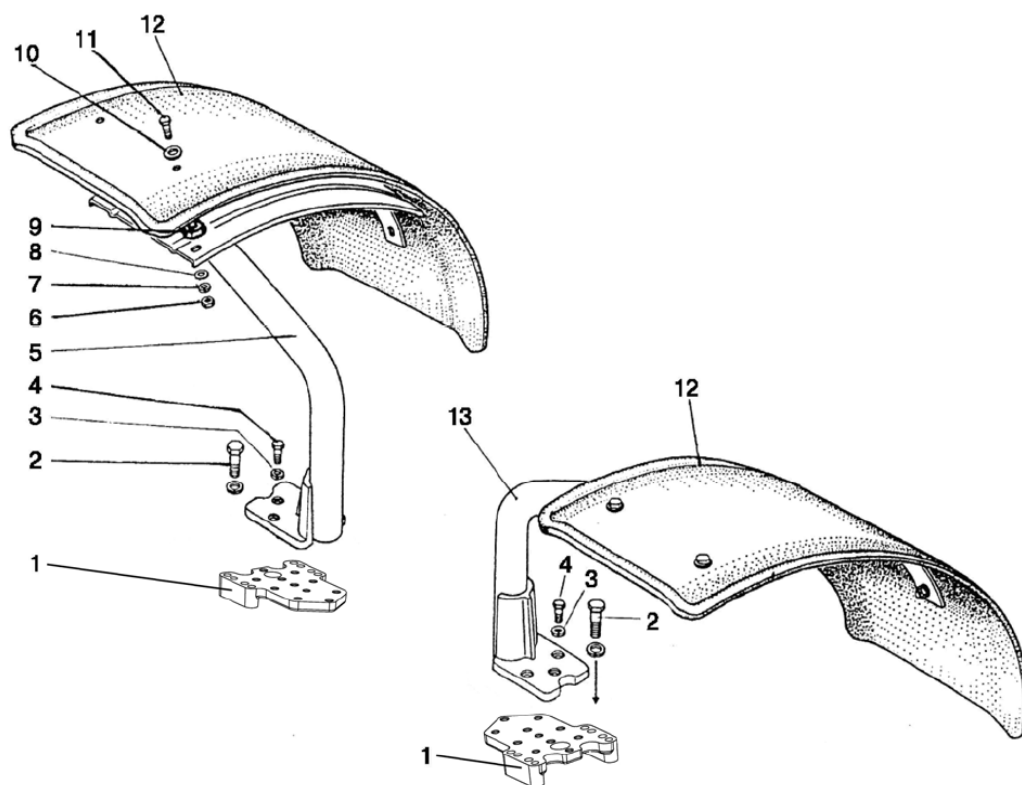


Figure 84.6. Front fenders (for Belarus-82Y/82.1/820/82.3/82П tractors)

**Group 84. Empennage.
Subgroup 8403. Front fenders
(for Belarus-82Y/82.1/820/82.3/82П tractors)**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.6		822-8403010-02/-03	1	Fender (1-13)
	1	822-8403011-Б	2	Base
	2	M12 x 60	8	Bolt
	3	ШП 12	14	Washer
	4	M12x30	6	Bolt
	5	822-8403015-01	1	Right-hand pillar
	6	M10	10	Nut
	7	ШП 10	10	Washer
	8	ШПЧ 10	10	Washer (Ø=21)
	9	80-4616017	10	Roller
	10	ШПЧ 10	10	Washer (Ø=30)
	11	M10 x 40	10	Bolt
	12	822-8403020* or 822-8403020-Б* or 1221-8403014-Б-02** or 1221-8403014-Б1-02**	2	Fender
13	822-8403015	1	Left-hand pillar	

* in case of fitting the tyres 13.6-20

** in case of fitting the tyres 360/70R24

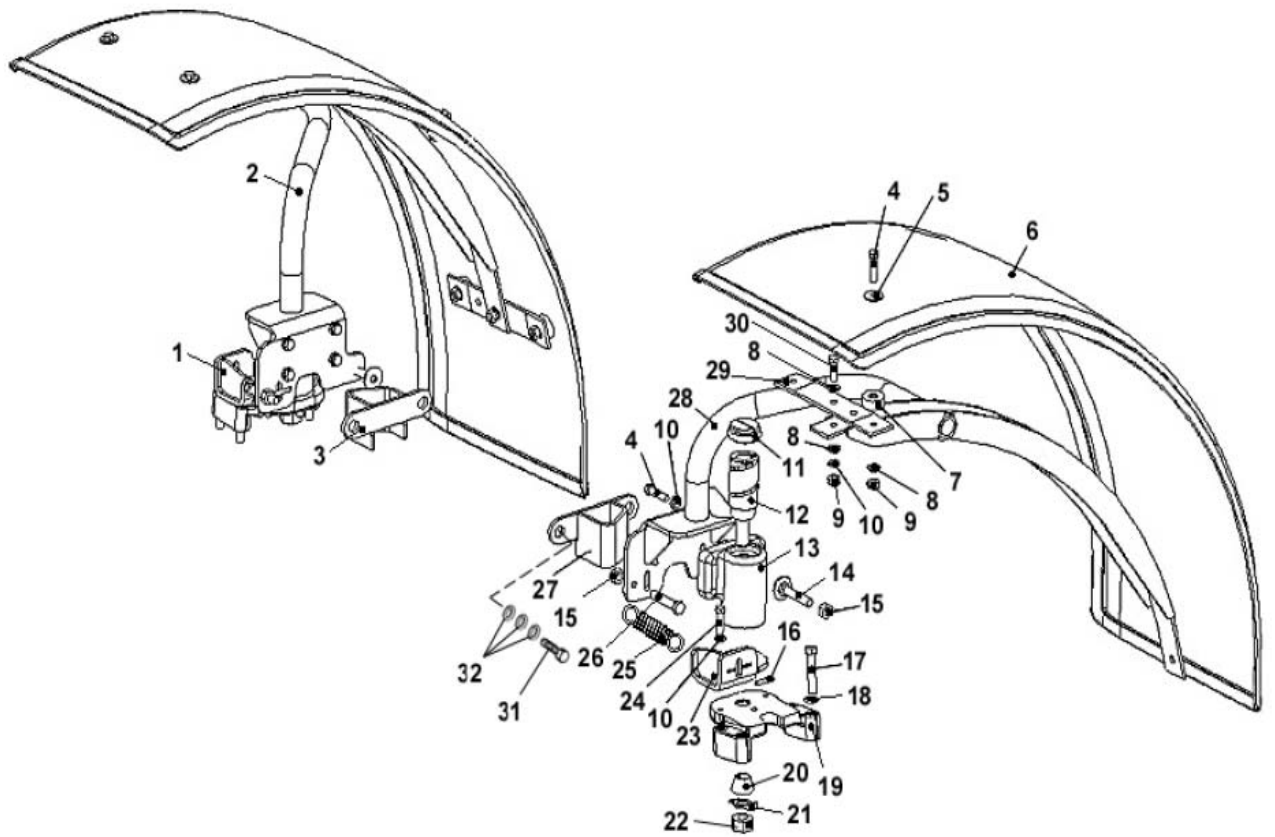


Figure 84.7. Front fenders (for Belarus-82.1/82.0/82.3 tractors)

Group 84. Empennage
Subgroup 8403. Front fenders (for Belarus-82.1/820/82.3 tractors)

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.7		822-8403100/-01 or 822-8403100-Б/-01*	1	Fender
	1	822-8403110-01	1	Bracket
	2	822-8403115-01	1	Pillar
	3	822-8403120	1	Stop
	4	M10x40	20	Bolt
	5	ШПЧ 10	12	Washer (increased)
	6	822-8403114	2	Fender
	7	80-4616017	12	Roller
	8	ШПЧ 10	24	Washer
	9	M10	18	Nut
	10	ШПЧ 10	16	Washer
	11	822-8403109	2	Choke
	12	822-8403107	2	Axle
	13	822-8403106	1	Bracket
	14	822-8403130	2	Stop
	15	M12	4	Nut
	16	822-8403101	4	Pin
	17	M12x60	8	Bolt
	18	ШПЧ 12	8	Washer
	19	822-8403108	2	Base
	20	822-8403129	2	Bushing
	21	ШПЧ 20	2	Washer
	22	M20	2	Nut
	23	822-8403110	1	Bracket
	24	M10x35	2	Bolt
	25	822-8403102	2	Spring
	26	M12x50	2	Bolt
	27	822-8403120-01	1	Stop
	28	822-8403115	1	Pillar
	29	822-8403104	6	Band
	30	M10x30	6	Bolt
	31	M16x32*	4	Bolt (for assembly 822-8403100-Б/-01)
32	ШПЧ 16*	12	Washer (for assembly 822-8403100-Б/-01)	

* for tractors without front weights

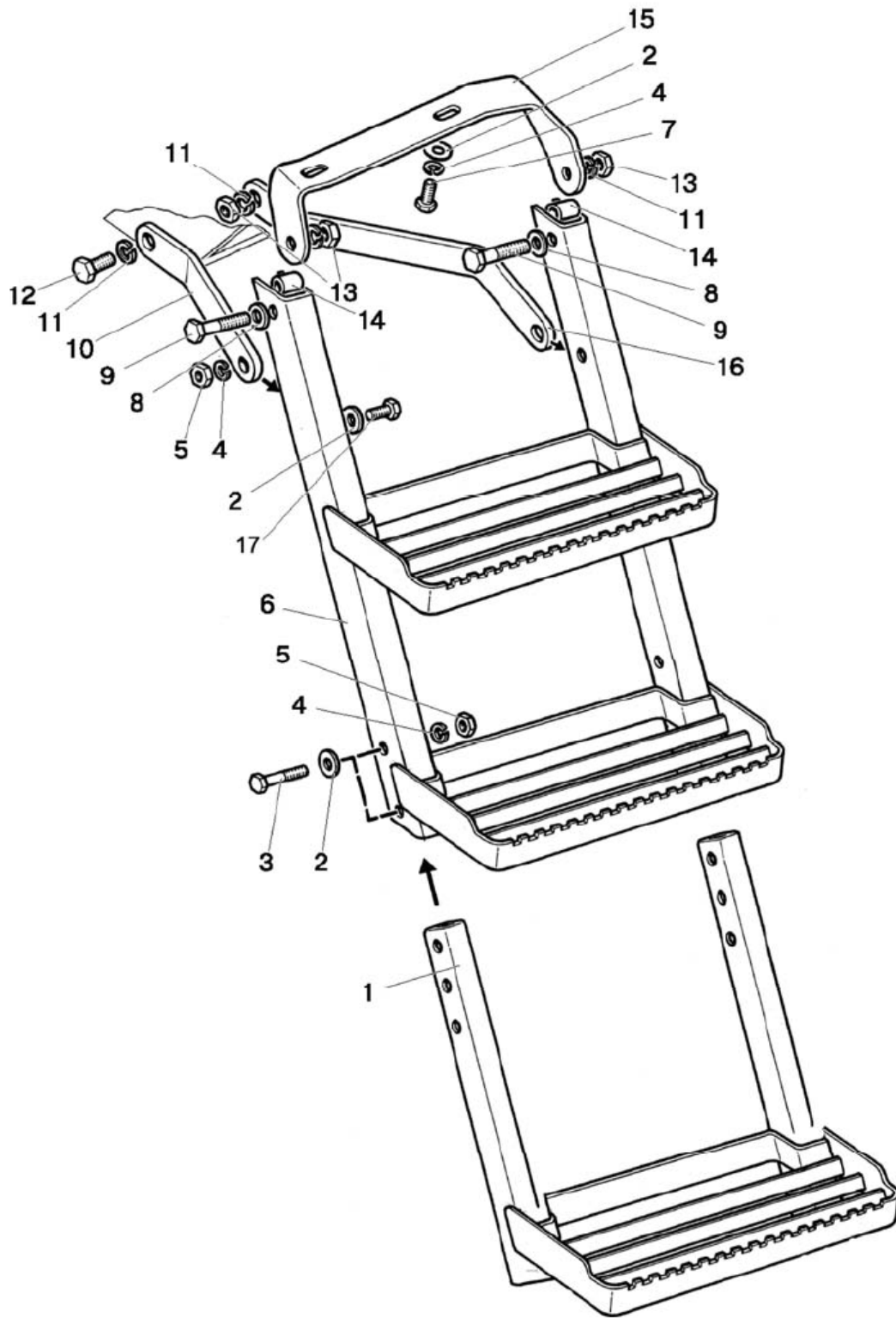


Figure 84.8. Footstep

**Group 84. Empennage
Subgroup 8403. Footstep**

Figure No.	Pos. No.	Assembly or part number	Quantity	Description
84.8		80-8405005-Б	1	Left-hand footstep (1-16)
		80-8405005-Б-01	1	Right-hand footstep (1-16)
	1	80-8405020-A2	1	Footstep
	2	ШПЧ 10	8	Washer
	3	M10 x 50	4	Bolt
	4	ШПН 10	8	Washer
	5	M10	6	Nut
	6	80-8405010-A3	1	Footstep
	7	M10x25	2	Bolt
	8	ШПЧ12	2	Washer
	9	M12x60	2	Bolt
	10	80-8405031-Б	1	Bracket
	11	ШПН 12	4	Washer
	12	M12x30	2	Bolt
	13	M12	3	Nut
	14	923-6700111	2	Bushing
	15		80-8405030-Б	1
		80-8405030-Б-01	1	Bracket (of the right-hand footstep – optionally)
16	80-8405032-Б	1	Bracket	
17	M19 x 30	2	Bolt	