
BELARUS
2022/2022B
2022.3/2022B.3

2022-0000010КДС

**CATALOGUE OF PARTS AND
ASSEMBLY UNITS**

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INTRODUCTION

The present Catalogue contains the complete spectrum of assembly units and parts of BELARUS-2022/2022B/2022.3/2022B.3 tractors equipped with the Д-260.4С2 six-cylinder in-line turbocharged electrically-started diesel engine manufactured by the Minsk Motor Plant.

HOW TO USE THE CATALOGUE

The catalogue consists of three sections:

1. Assembly Units and Parts of the Tractors.
2. Standardized Parts (Bearings, Collars, Rings).
3. Nomenclature Index.

In Section 1, the assembly units and parts are divided into groups and subgroups according to the functional sign. This section is well illustrated with exploded axonometric images of component parts of the tractor. All the parts on the figures are provided with position numbers. To make the use of the catalogue more convenient when searching the required part, the same position numbers are given in the column "Position Nos." in the textual part of the Catalogue in the increasing order top-down. Being thoroughly elaborated in the artistic aspect, the figures provided in the catalogue allow the user to get familiar with the design of the parts and subassemblies and their configuration as well as can be a reference for carrying out the dismantling and re-mounting operations.

For example, the Catalogue contains the following entry:

"...260-1004100-A 6 Шатун (10,17,18,35-37)».

It means that the assembly unit named "connecting rod" in the quantity of 6 units per engine consists of the following parts: bushing (pos. 10), connecting rod (pos. 17), connecting rod bolt (pos. 18), connecting rod cap (pos. 35), washer (pos. 36) and nut (pos. 37). The column "Quantity" specifies the number of assembly units and parts used in this subgroup (1004) per tractor.

For the BELARUS-1221/1221B tractors, the traditional seven-digit system of designation of assembly units and parts (to the right from the prefix) is adopted.

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**.

For example, "260-1104300-Б1-01 (shell of the 1st cylinder) and "260-1104300-Б1-02 (shell of the 2nd cylinder) have different embodiment and are not interchangeable.

Some parts adapted from the tractors of previous models have alphanumerical numbers. For example, “Д18-055-A-01 Seal ring”. Section 2 “Standardized Parts” specifies the standard sizes of the rolling bearings, collars and rubber O-rings, places of their installation and quantity per tractor.

Section 3 “Nomenclature Index” provides for a list of parts and assembly units located in the sequence of increase of the designation numbers with references to the figure numbers and position numbers on the figures. It facilitates the search of the required part in the catalogue if its designation is known.

PURPOSE

The BELARUS-2022/2022B/2022.3/2022B.3 wheeled universal tilling tractors are intended for performing a wide range of works with mounted, semi-mounted and trailed machines and implements. They can be used for performing labour-intensive works in aggregate with bulldozer, excavators, loaders and hole borers, for performing the transportation works as well as for driving various stationary machines of both agricultural and industrial purpose.

NOTE. The catalogue is compiled in compliance with the designer’s documentation. Due to continual works for improvement of the design, there can be some discrepancies in the catalogue.

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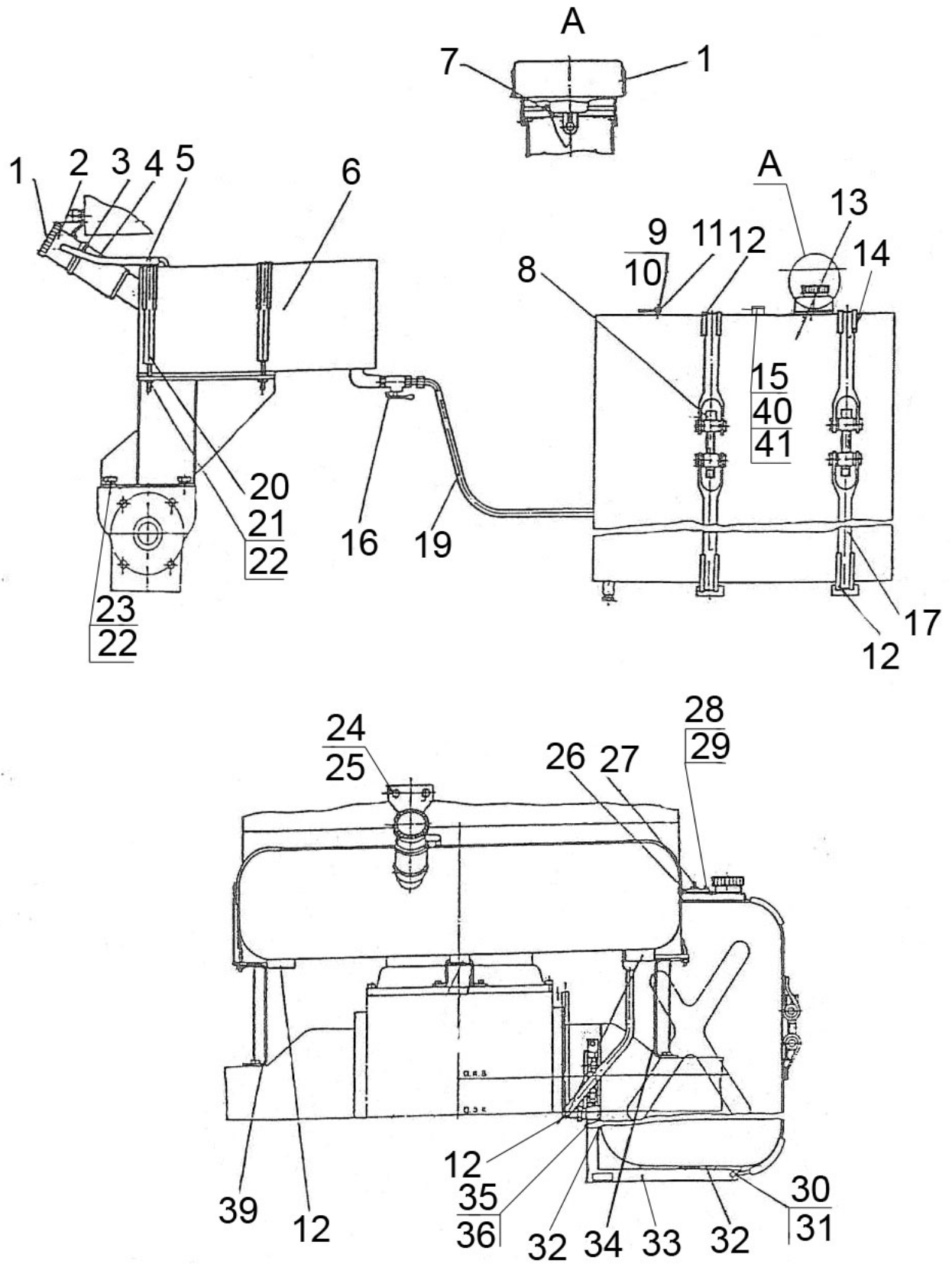


Fig. 11.1. Fuel tanks

**Group 11. Feed system
Subgroup 1101. Fuel tanks**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
11.1	1	082-1103010	2	Cap
	2	1522-1101060	1	Filler neck
	3	XC61	2	Clamp
	4	70-1101035-Б-01	1	Hose pipe
	5	85-1101002	1	Tube
	6	2022-1101010	1	Tank
	7	36-1101070	1	Chain
	8	1522-1101005	2	Bolt
	9	36-1104787	1	Union bolt
	10	36-1104788	2	Gasket
	11	920-1101160	1	Oil pipeline
	12	ПР-43-02	16	Seal УМБА
	13	2022-1101210	1	Tank
	14	2022-1101140-01	2	Band
	15	1221-2412026-01	1	Hose pipe
	16	ПП6-1	1	Tap
	17	2022-1101140	2	Band
	19	920П-1101210-02	1	Oil pipeline
	20	1522-1101090-01	2	Clamp
	21	M10	4	Nut
	22	ШП10	8	Washer
	23	M10x25	4	Bolt
	24	M6x20	2	Bolt
	25	ШП6	2	Washer
	26	1522-3806026	1	Gasket
	27	ДОТ.730Н-04	1	Fuel volume sensor
	28	80-1101067	5	Washer
	29	ВМ5x15	5	Screw
	30	1522-1101125	4	Pin
	31	3,2x18	4	Cotter pin
	32	1522-1101118	4	Gasket
	33	2022-1101130	2	Bracket
	34	2022-1101070	1	Bracket
	35	M16x50	2	Bolt
	36	ШП16	4	Washer
	39	2022-1101070-01	1	Bracket
	40	Д18-051	1	Bolt
	41	Φ80-3407720	2	Oil pipeline
	42	TORRO 12-20/9-C6W	2	NORMA clamp
	43	PM 14	4	Washer

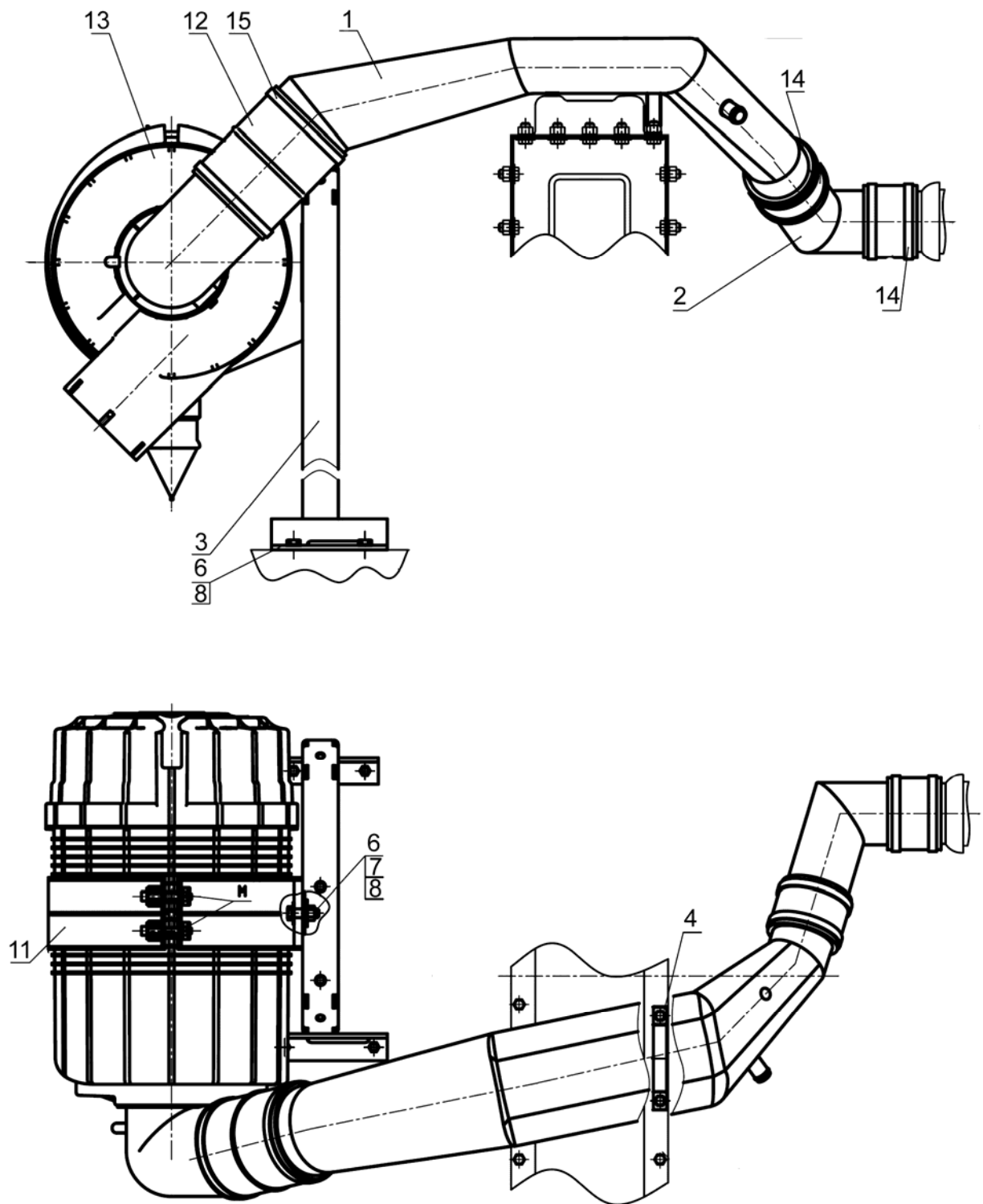


Fig. 11.2. Air cleaner assembly

Group 11. Feed system
Subgroup 1109. Air cleaner assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
11.2		2022-1109125	1	Air cleaner assembly
	1	2022-1109110	1	Air duct
	2	2022-1109120	1	Branch pipe
	3	2022-1109130	1	Arch
	6	M8-6gx20.88.35.019	6	Bolt, State Standard (ГОСТ) 7796-70
	7	C 8.01.08кп.019	2	Washer, State Standard (ГОСТ) 6958-78
	8	8T	6	Washer, Branch Standard (ОСТ) 37.001.115-75
	11	P78-0594	1	Bracket
	12	P10-5609	1	Hose pipe – piece
	13	FPG10-0318	1	Air filter
	14	TORRO 70-90/9-C6W	4	NORMA clamp
	15	TORRO 100-120/9-C6W	2	NORMA clamp

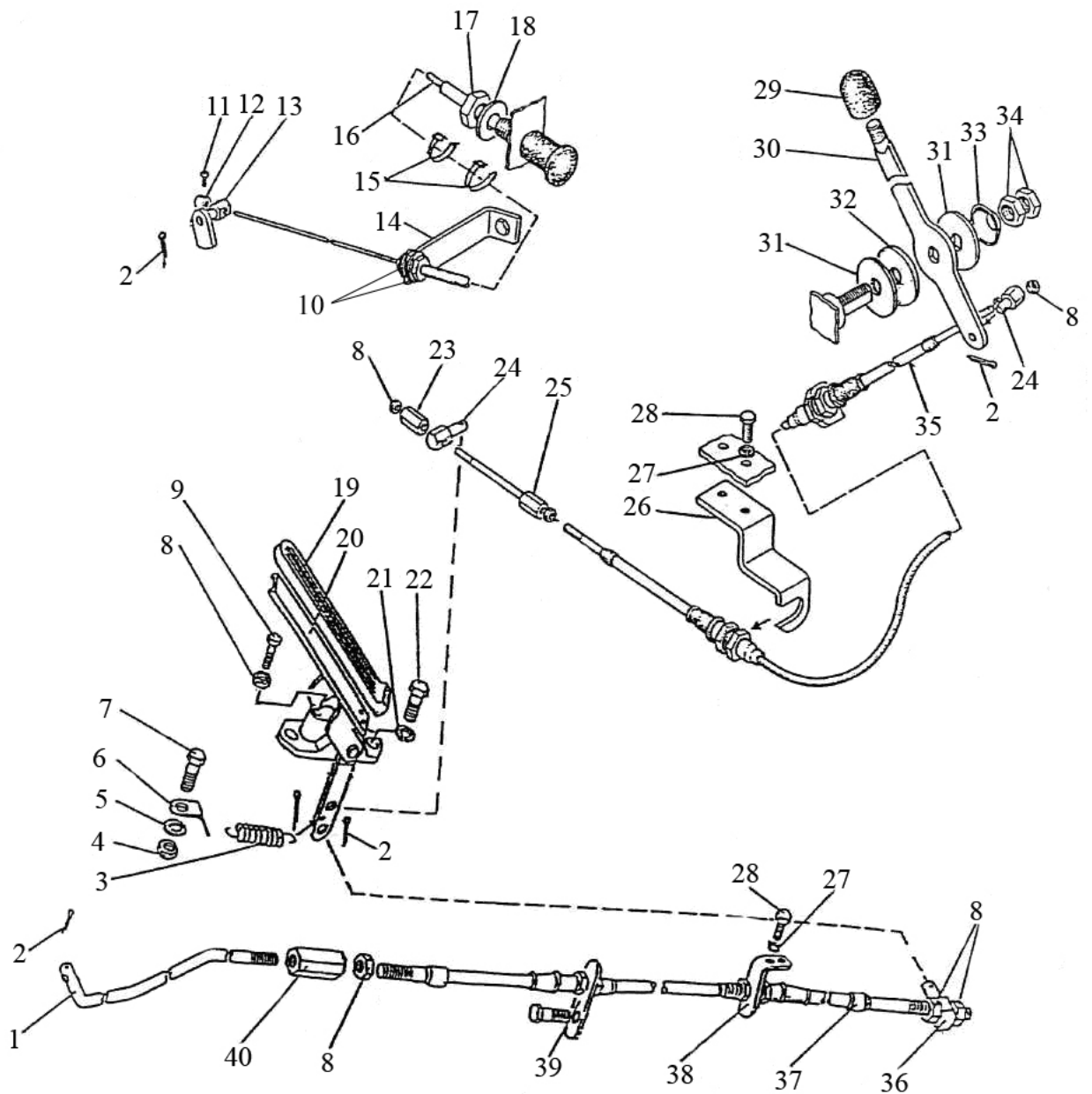


Fig. 11.3. Fuel feed control

Group 11. Feed system
Subgroup 1108. Fuel feed control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
11.3	1	1222-1108541	1	Rod (Motorpal)
		1222-1108541-01	1	Rod (Yazda)
	2	3,2x18	5	Cotter pin
	3	70-4803019	1	Spring
	4	M8	3	Nut
	5	ШП8	1	Washer
	6	80B-1108341	1	Plate
	7	M8x20	1	Bolt
	8	M 6	9	Nut
	9	M6x30	1	Bolt
	10	ШЧ8	2	Washer
	11	B1M4x10	1	Screw
	12	70-1310441	1	Pawl
	13	80-1108317	1	Boss
	14	80-1108126	1	Bracket
	15	80-3723045	2	Collar
	16	80-1108630-A-02	1	Cable
	17	M12x1,25	1	Nut
	18	ШЧ12	1	Washer
	19	A13.36.001	1	Boot
	20	80B-1108510	1	Pedal
	21	ШП10	2	Washer
	22	M10x25	2	Bolt
	23	75-1108333	1	Coupling
	24	80B-1108317	2	Boss
	25	75-1108310	1	Shackle
	26	2022-1108505	1	Bracket
	27	ШП6	4	Washer
	28	M6x16	4	Bolt
	29	A13.11.000	1	Handle
	30	1522-1108350	1	Handle
	31	80-1108028	2	Washer
	32	80-1108178	1	Friction washer
	33	80B-1108347	1	Disk spring
	34	M14x1,5	2	Nut
	35	80B-1108300-A-01	1	Cable
	36	600-1108017	1	Boss
	37	80B-1108300-A-02	1	Cable
	38	821-1108504	1	Bracket
	39	1522-1108053	1	Bracket
	40	1522-1108033	1	Coupling

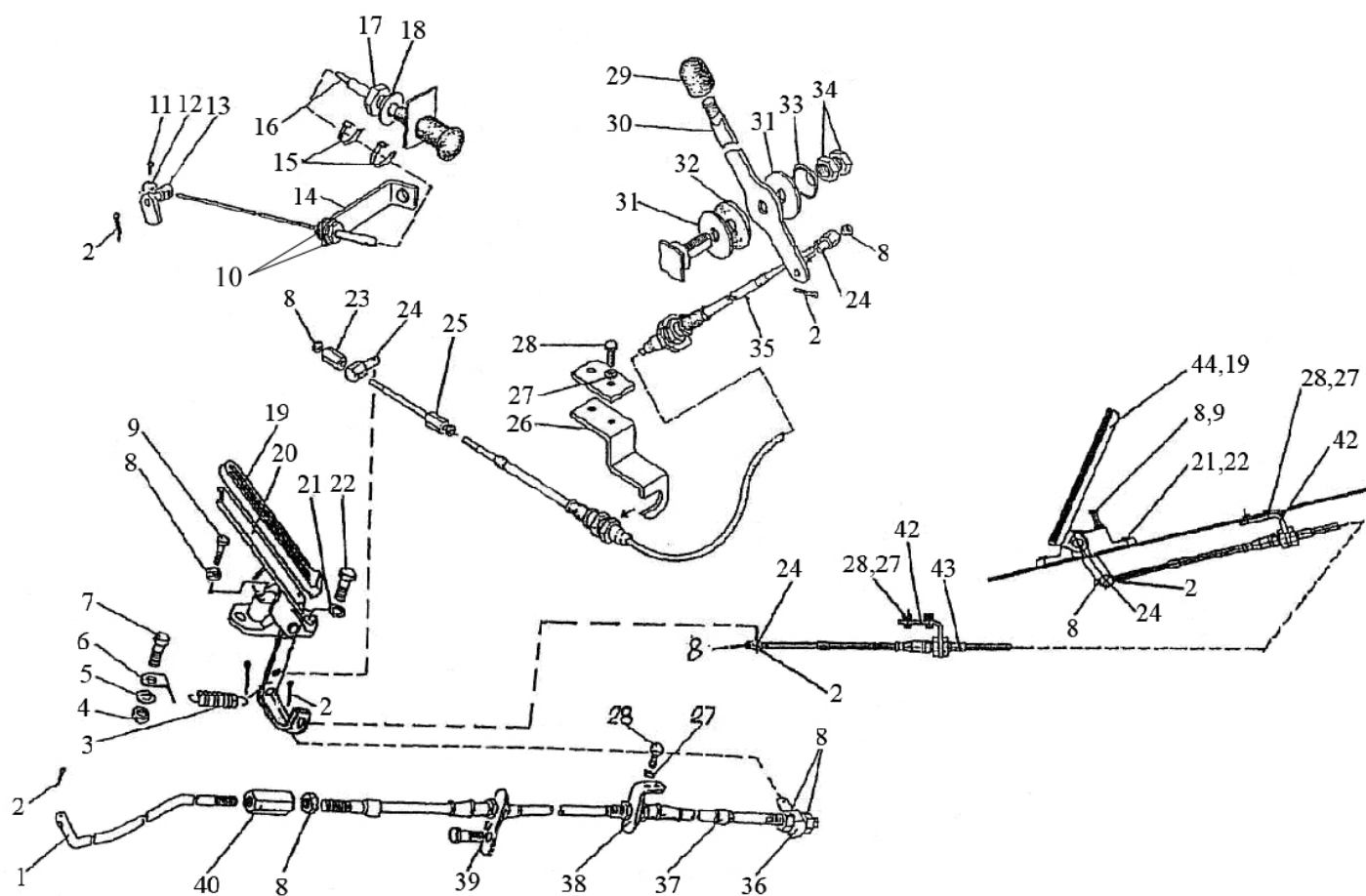


Fig. 11.4. Fuel feed control (in the reverse mode)

Group 11. Feed system
Subgroup 1108. Fuel feed control (in the reverse mode)

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
11.4	1	1222-1108541	1	Rod (Motorpal)
		1222-1108541-01	1	Rod (Yazda)
	2	3,2x18	7	Cotter pin
	3	70-4803019	1	Spring
	4	M8	3	Nut
	5	ШП8	1	Washer
	6	80B-1108341	1	Plate
	7	M8x20	1	Bolt
	8	M6	14	Nut
	9	M6x30	2	Bolt
	10	ШЧ8	2	Washer
	11	BIM4x10	1	Screw
	12	70-1310441	1	Pawl
	13	80-1108317	1	Boss
	14	80-1108126	1	Bracket
	15	80-3723045	2	Collar
	16	80-1108630-A-02	1	Cable
	17	M12x1,25	1	Nut
	18	ШЧ12	1	Washer
	19	A13.36.001	2	Boot
	20	2522B-1108510	1	Pedal
	21	ШП10	4	Washer
	22	M10x25	4	Bolt
	23	75-1108333	1	Coupling
	24	80B-1108317	4	Boss
	25	75-1108310	1	Shackle
	26	2022-1108505	1	Bracket
	27	ШП6	8	Washer
	28	M6x16	8	Bolt
	29	A13.11.000	1	Handle
	30	1522-1108350	1	Handle
	31	80-1108028	2	Washer
	32	80-1108178	1	Friction washer
	33	80B-1108347	1	Disk spring
	34	M14x1,5	2	Nut
	35	80B-1108300-A-01	1	Cable
	36	600-1108017	1	Boss
	37	80B-1108300-A-02	1	Cable
	38	821-1108504	1	Bracket
	39	1522-1108053	1	Bracket
	40	1522-1108033	1	Coupling
	42	80B-1108504	2	Bracket
	43	80B-1108300-A-04	1	Cable
	44	1522B- 1108010	1	Pedal

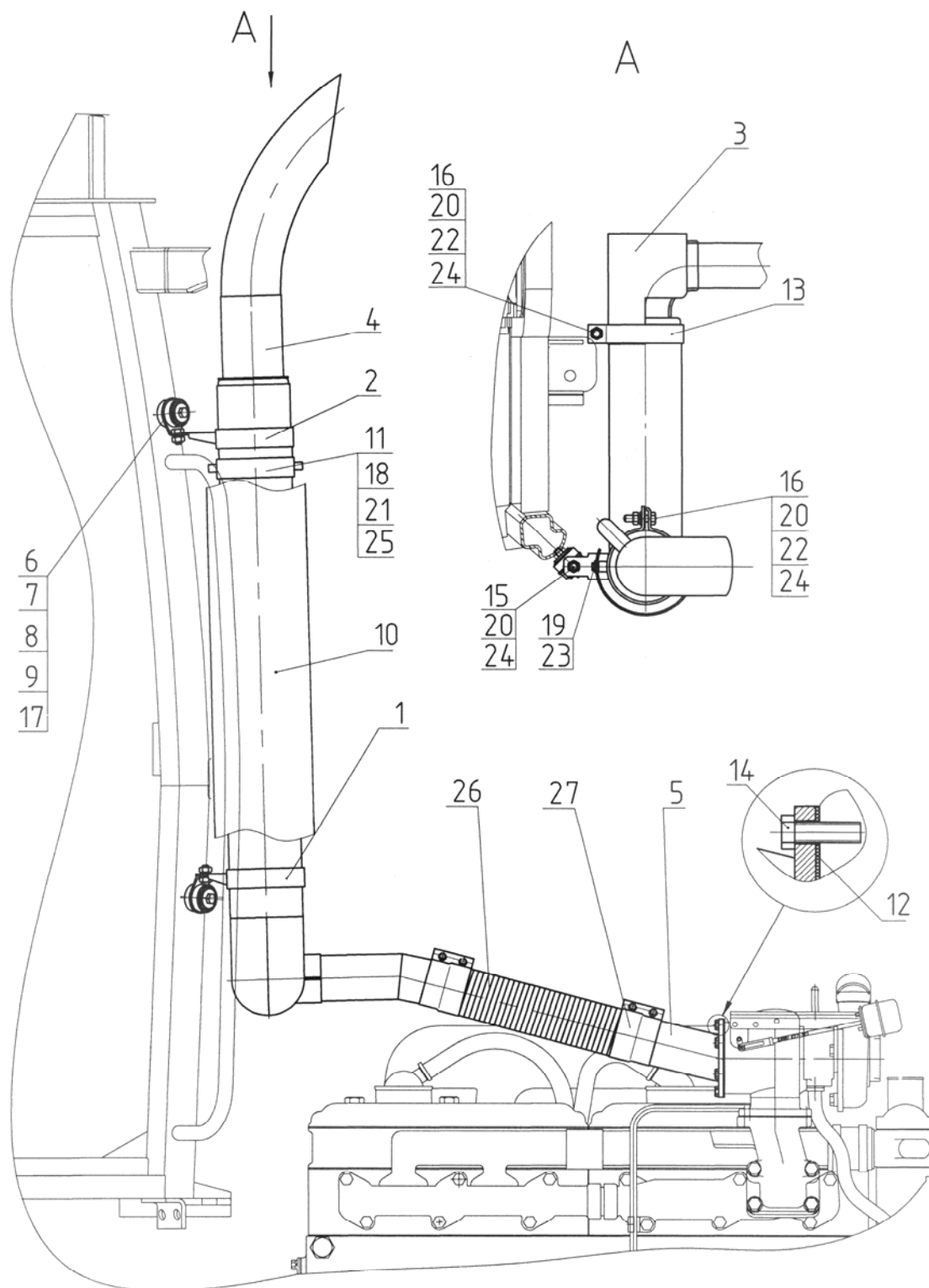


Fig. 12.1. Muffler assembly

Group 12. Exhaust system
Subgroup 1205. Muffler assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
12.1		2022-1205500	2	Damper (6, 7, 8, 9, 17)
	1	2022.4-1205040	1	Clamp
	2	2022.4-1205050	1	Clamp
	3	2022.4-1205080	1	Guard
	4	2022.4-1205100-Б-01	1	Exhaust pipe
	5	2022.4-1205160	1	Branch pipe
	6	2022-1205510	2	Bracket
	7	2022-1205501	2	Bushing
	8	2022-1205502	4	Washer
	9	80-4616017	4	Roller
	10	2022-1205650	1	Muffler guard
	11	2022-1205620	2	Clamp
	12	2022-1205006-Б	1	Gasket
	13	2022-1205046-01	1	Cramp
	14	265-1205028-01	6	Bolt
	15	M10x20	2	Bolt
	16	M10x45	3	Bolt
	17	M10x50	2	Bolt
	18	M8x45	2	Bolt
	19	M6x10	2	Bolt
	20	M10	5	Nut
	21	M8	2	Nut
	22	ШП10	3	Washer
	23	ШП6	4	Washer
	24	ШГ10	5	Washer
	25	ШГ8	5	Washer
	26	000.4859.21.000-70-300	1	Metal hose
	27	J190053	2	Stepped clamp

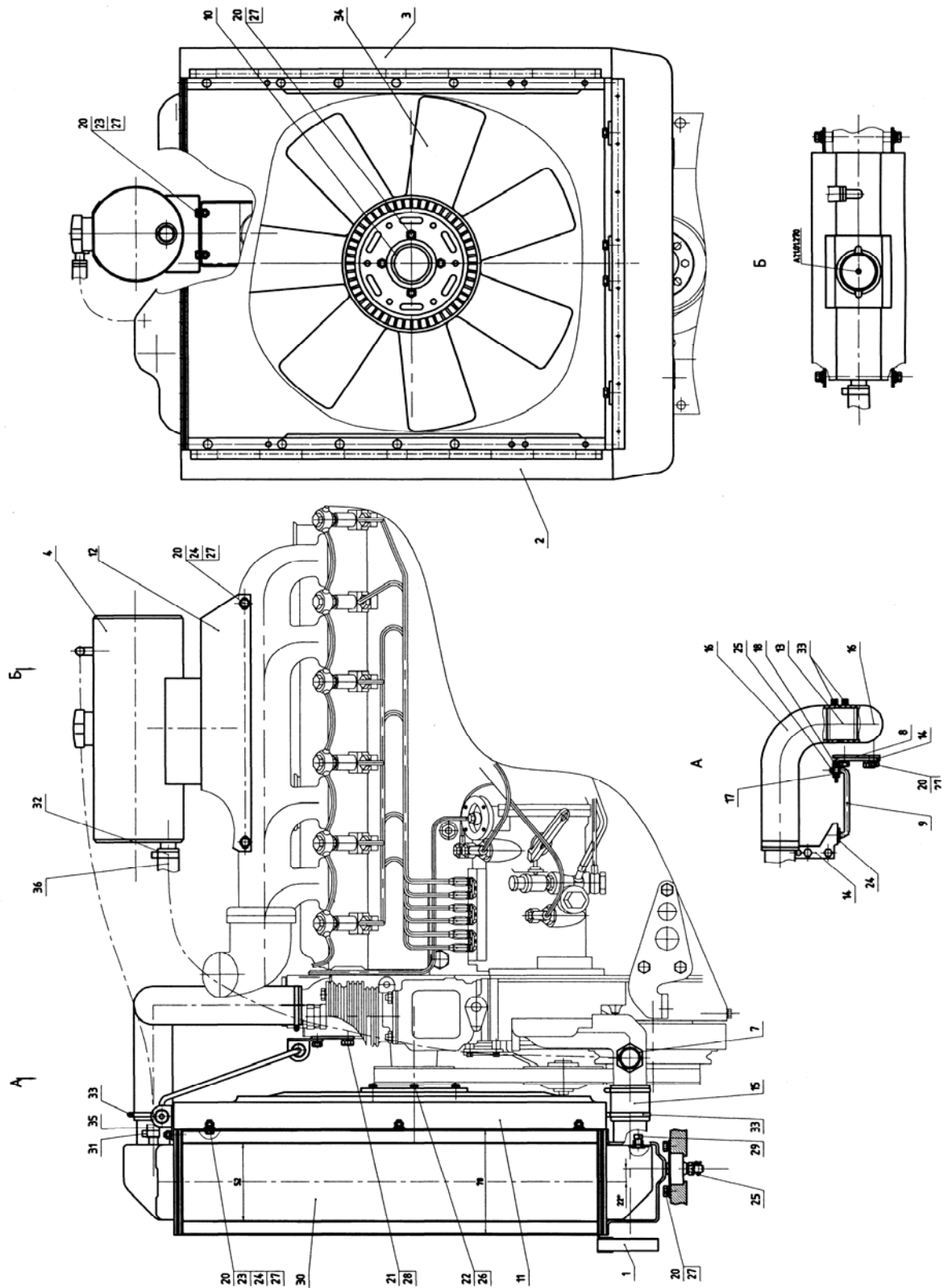


Fig. 13.1. Cooling unit 2022-1301009-B

Group 13. Cooling system
Subgroup 1317. Cooling unit 2022-1301009-B

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
13.1	1	2022-1301320	1	Seal
	2	2022-1301370	1	Seal
	3	2022-1301370-01	1	Seal
	4	2022-1311010-B	1	Expansion tank
	7	2022-1301001	1	Union
	8	2022-1302001	1	Plate
	9	2022-1302004	1	Brace
	11	2022-1309081	1	Housing
	12	2022-1311030	1	Bracket
	13	2522-1303011-A	1	Adapter
	14	1520-1302072	2	Bracket
	15	1220-1303004-01	1	Hose pipe
	16	142-1303010-02	2	Hose
	17	90-1302004	2	Tube
	18	85-1302071	2	Shock absorber
	20	M8-6gx16.88.35.019	20	Bolt, State Standard (ГОСТ) 7796-70
	21	M10-6gx18.88.35.019	2	Bolt, State Standard (ГОСТ) 7796-70
	23	M8-6H.04.019	10	Nut, State Standard (ГОСТ) 5916-70
	24	C8.01.019	14	Washer, State Standard (ГОСТ) 6958-78
	25	3.2x18.019	4	Cotter pin State Standard (ГОСТ) 397-79
	27	8T	22	Washer, Branch Standard (OCT) 37.00115-75
	28	10 OT	2	Washer, Branch Standard (OCT) 37.00115-75
	29	KГ 1/4".A12.019	1	Plug, Specification (TY) 23.1.506-91
	30	2022-1301.010	1	Water radiator, Specification (TY) 23.46.1771.0.59-89E
	31	TORRO 16-25/9-C6W	2	NORMA clamp
	32	TORRO 25-40/9-C6W	2	NORMA clamp
	33	TORRO 50-70/9-C6W	6	NORMA clamp
	34	312899	1	BWCS fan
	35	14x23-1.6	L=1000 mm	Hose pipe, State Standard (ГОСТ) 10362-76
	36	25x35-1.6	L=1000 mm	Hose pipe, State Standard (ГОСТ) 10362-76

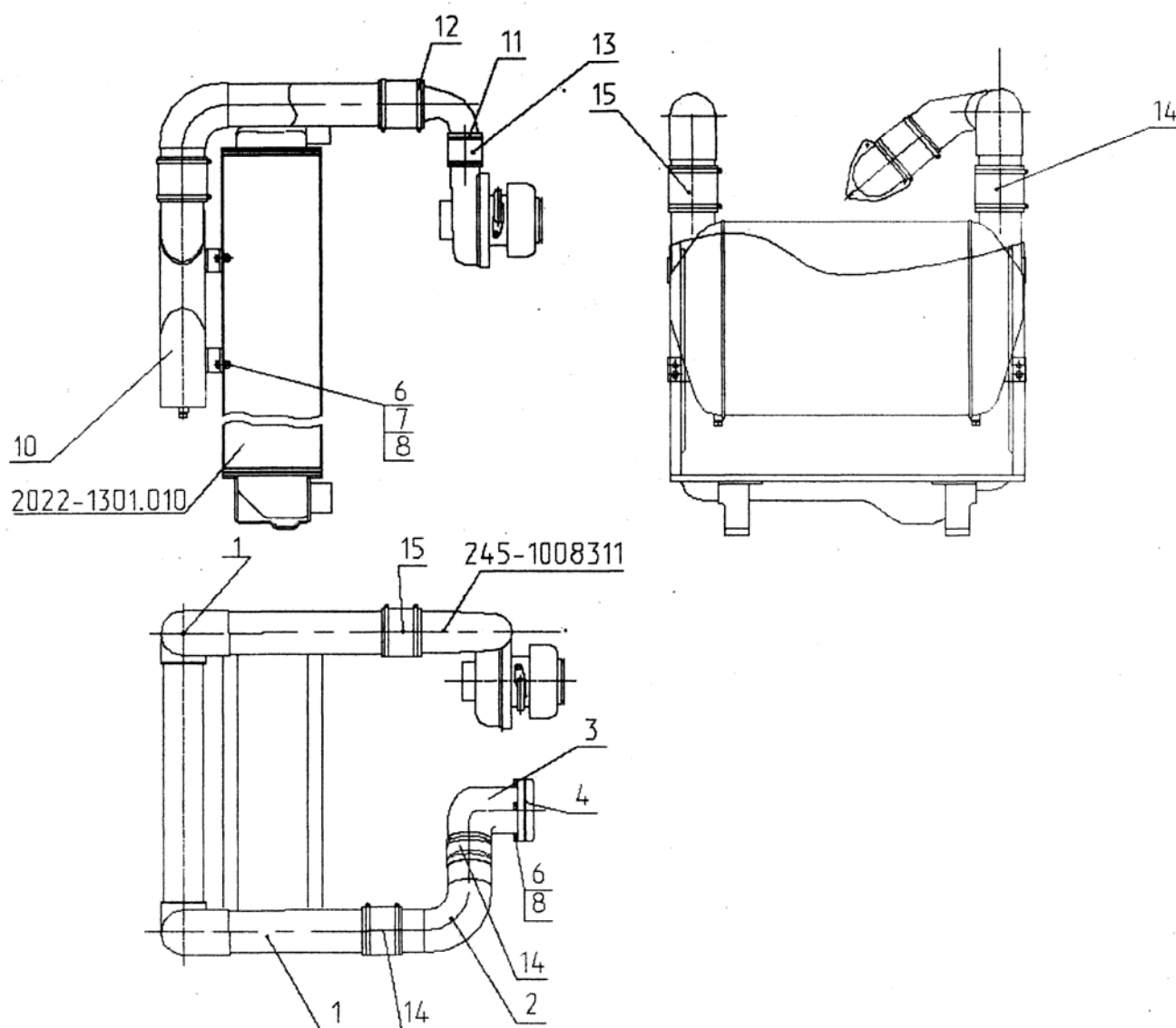


Fig. 13.2. Cooler assembly

Group 13. Cooling system
Subgroup 1317. Cooler assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
13.2	1	2022-1317600	2	Air duct
	2	2022-1317620	1	Air duct
	3	2022-1317630	1	Air duct
	4	2022-1317631	1	Gasket
	6	M8x16-6g.88.35.019	7	Bolt, State Standard (ГОСТ) 7795-70
	7	M8-6H.6.019	4	Nut 5915-70
	8	8T	7	Washer, Branch Standard (ОСТ) 37.001.115-75
	9	КГ1/4" А12.019	1	Plug, Specification (ТУ) 23.1.506-91
	10	1522-1317100	1	Charge air cooler, Specification (ТУ) BY 100152790.002-2005
	11	GBS 61/20 W2	2	NORMA clamp
	12	GBS 82/25 W2	10	NORMA clamp
	13	1317.09	1	Silicon branch pipe 50x100 (red)
	14	1317.02	3	Silicon branch pipe 75x100 (blue)
	15	1317.01	2	Silicon branch pipe 75x100 (red)

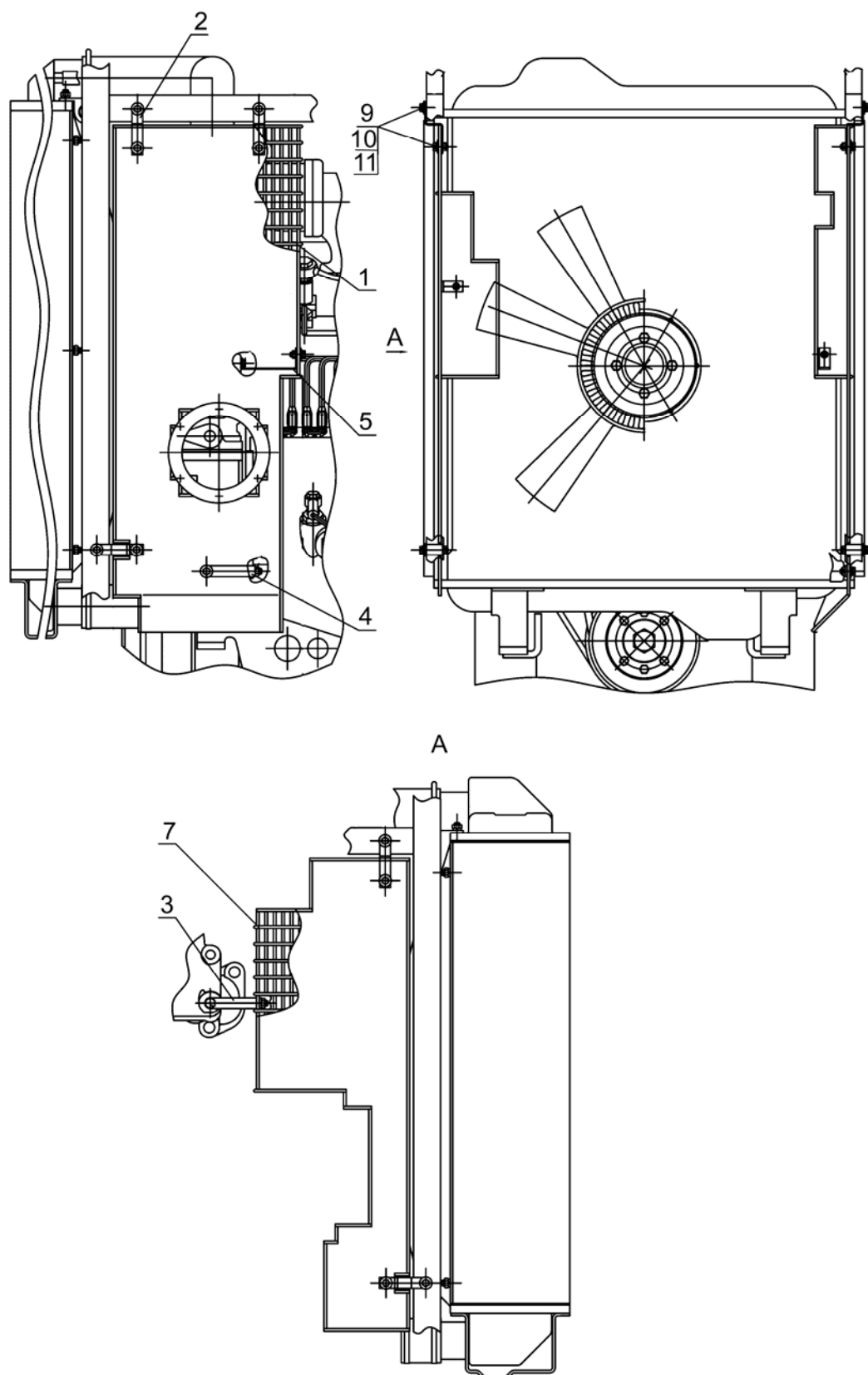


Fig. 13.3. Fan guard

Group 13. Cooling system
Subgroup. 1309 Fan guard

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
13.3		2022-1309300	1	Fan guard
	1	2022-1309050-Б	1	Left-hand guard
	2	2022-1309070	5	Bracket
	3	2022-1309075	1	Bracket
	4	2022-1309085	1	Bracket
	5	2022-1309090	1	Bracket
	7	2022-1309041-Б	1	Right-hand guard
	9	M6-6gx16.88.35.019	13	Bolt, State Standard (ГОСТ) 7798-70
	10	C 6.01.08кп.019	13	Washer, State Standard (ГОСТ) 6958-78
	11	6T	13	Washer, Branch Standard (ОСТ) 37.001.115-75

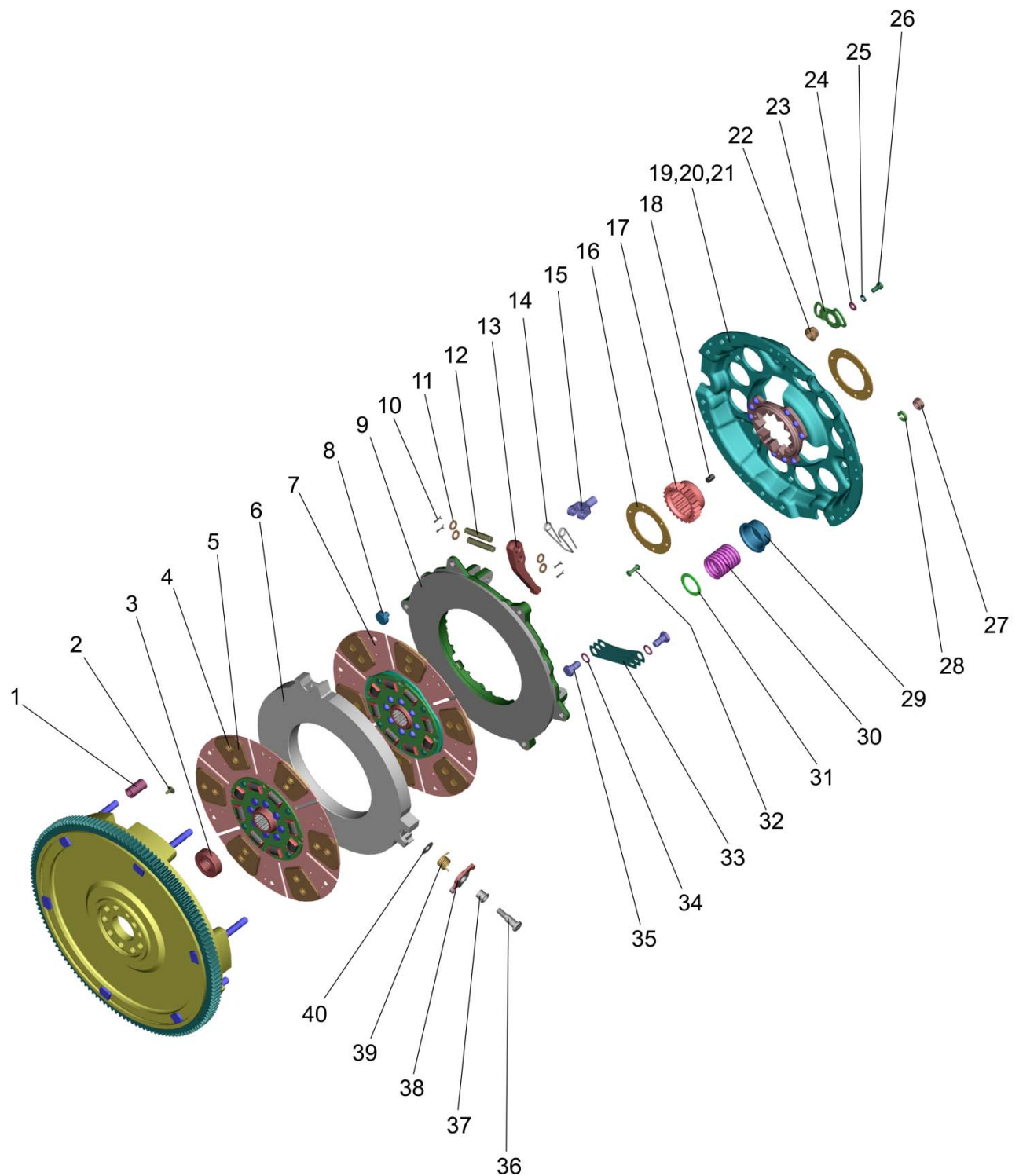


Fig. 16.1. Clutch assembly

Group 16. Clutch
Subgroup 1601. Clutch assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.1		260.4-1005009	1	Clutch assembly (1-40)
		1520-1601085	1	Intermediate plate (6, 36-40)
		85-1601090-B	1	Clutch plate (8-35)
		1522-1601120	1	Cover plate (16-18, 21, 32)
	1	70-1601074	6	Bushing
	2	142-1601316	3	Block
	3	180205K1C17	1	Bearing
	4	566529	24	Rivet TT2 7050914 (included in 7)
	5	566528	24	Segment GBV 156400 (7650861d) (included in 7)
	6	1520-1601092	1	Intermediate plate
	7	2022-1601130-A	2	Driven plate assembly
	8	1520-1601123	3	Stop
	9	85-1601093-B	1	Pressure plate
	10	3,2x18	12	Cotter pin State Standard (ГОСТ) 397-79
	11	85-1601108	12	Washer
	12	85-1601096	6	Pin
	13	85-1601094	3	Release lever
	14	85-1601083	3	Spring
	15	85-1601097	3	Fork
	16	1522-1601062	2	Washer
	17	70-1601053	1	Bushing
	18	70-1601091	12	Damper
	19	8x22	9	Rivet (included in 21) State Standard (ГОСТ) 10299-80
	20	1522-1601051	1	Hub (included in 21)
	21	1522-1601125	1	Cover plate (assembled with 19 and 20)
	22	85-1601109-A	3	Adjusting nut
	23	85-1601086	3	Retaining washer
	24	C 8.01.019	6	Washer, State Standard (ГОСТ) 11371-78
	25	8 T	6	Washer, Branch Standard (OCT) 37.001.115-75
	26	M8x16	6	Bolt, State Standard (ГОСТ) 7796-70
	27	M12x1,25	9	Nut, State Standard (ГОСТ) 5915-70
	28	12 OT	9	Washer
	29	85-1601072-B	9	Cage
	30	85-1601115	9	Spring
	31	85-1601118-B	9	Insulating washer
	32	6x30.01	6	Rivet State Standard (ГОСТ) 10299-80
	33	85-1601124	9	Plate
	34	85-1601121	6	Washer
	35	85-1601126	6	Bolt
	36	142-1601306	3	Release lever axle
	37	142-1601088	3	Bushing
	38	142-1601087-B	3	Release lever
	39	142-1601314-B	3	Spring
	40	142-1601089	3	Retaining washer

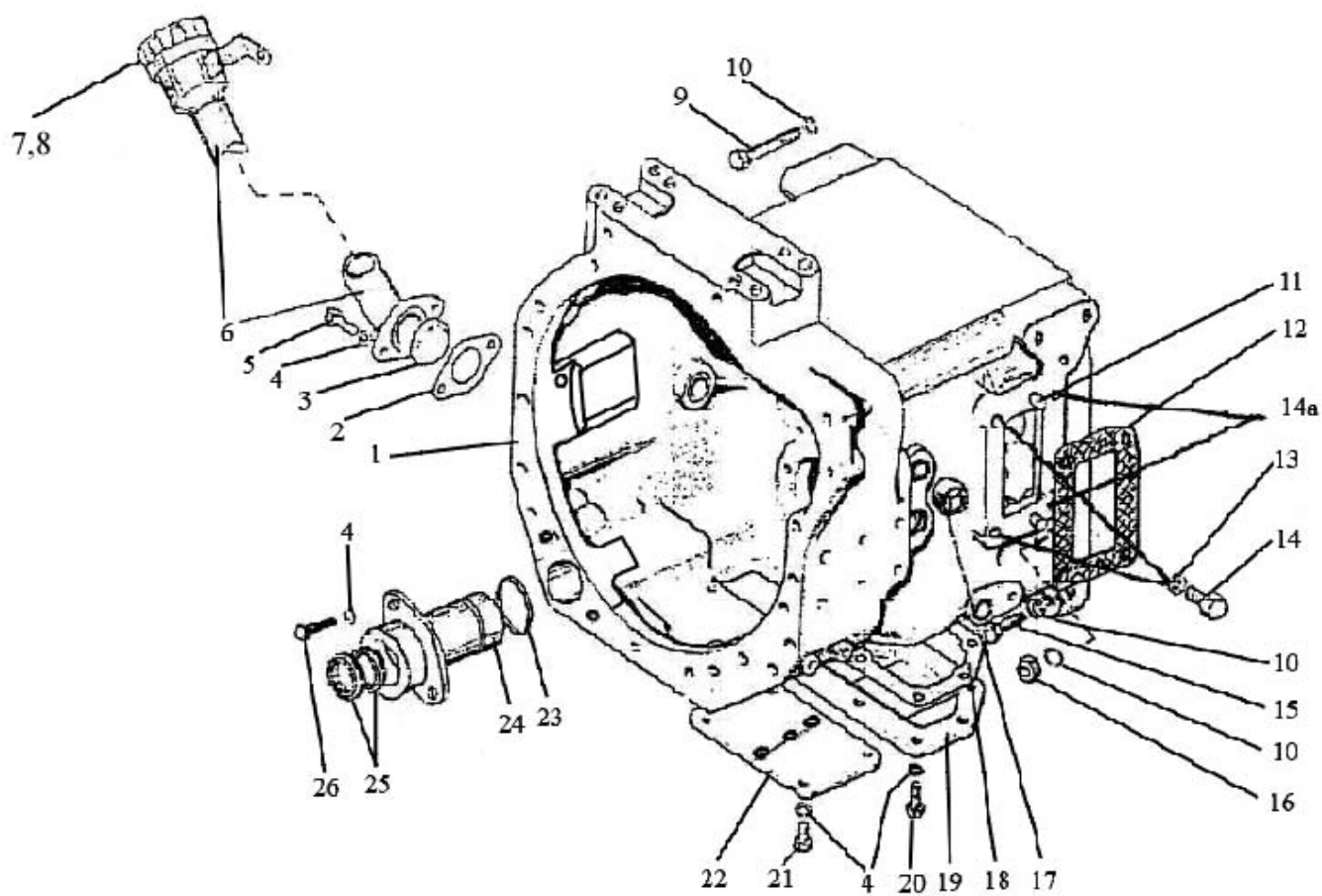


Fig. 16.2. Clutch housing (with the GB 24x12)

Group 16. Clutch
Subgroup 1601. Clutch housing

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.2		1522-1601300	1	Filler neck (6, 7, 8)
	1	1522-1601015-01	1	Casing
	2	240-1002082-A	1	Gasket
	3	240-1002085	1	Net
	4	ШП8	16	Washer
	5	M8x20	3	Bolt
	6	1522-1601310	1	Filler neck
	7	082-1103010	1	Plug
	8	36-1101070	1	Chain
	9	70-4605036-03	1	Bolt
	10	ШП20	6	Washer
	11	ШЦК 10x25	2	Pin
	12	80-1601343	1	Gasket
	13	ШП12	4	Washer
	14	M12x30	2	Bolt
	14a	M12x150	2	Bolt
	15	70-4605036	4	Bolt
	16	M20	1	Nut
	17	70-1701301	1	Plug
	18	80-1601314	1	Gasket
	19	80-1601313	1	Cover
	20	M8x25	7	Bolt
	21	M8x16	4	Bolt
	22	50-1601341	1	Cover
	23	048-052-25-2-4	1	Ring
	24	86-1802020	1	Fixture
	25	2.2.38x58-1	2	Collar
	26	M8x35	2	Bolt

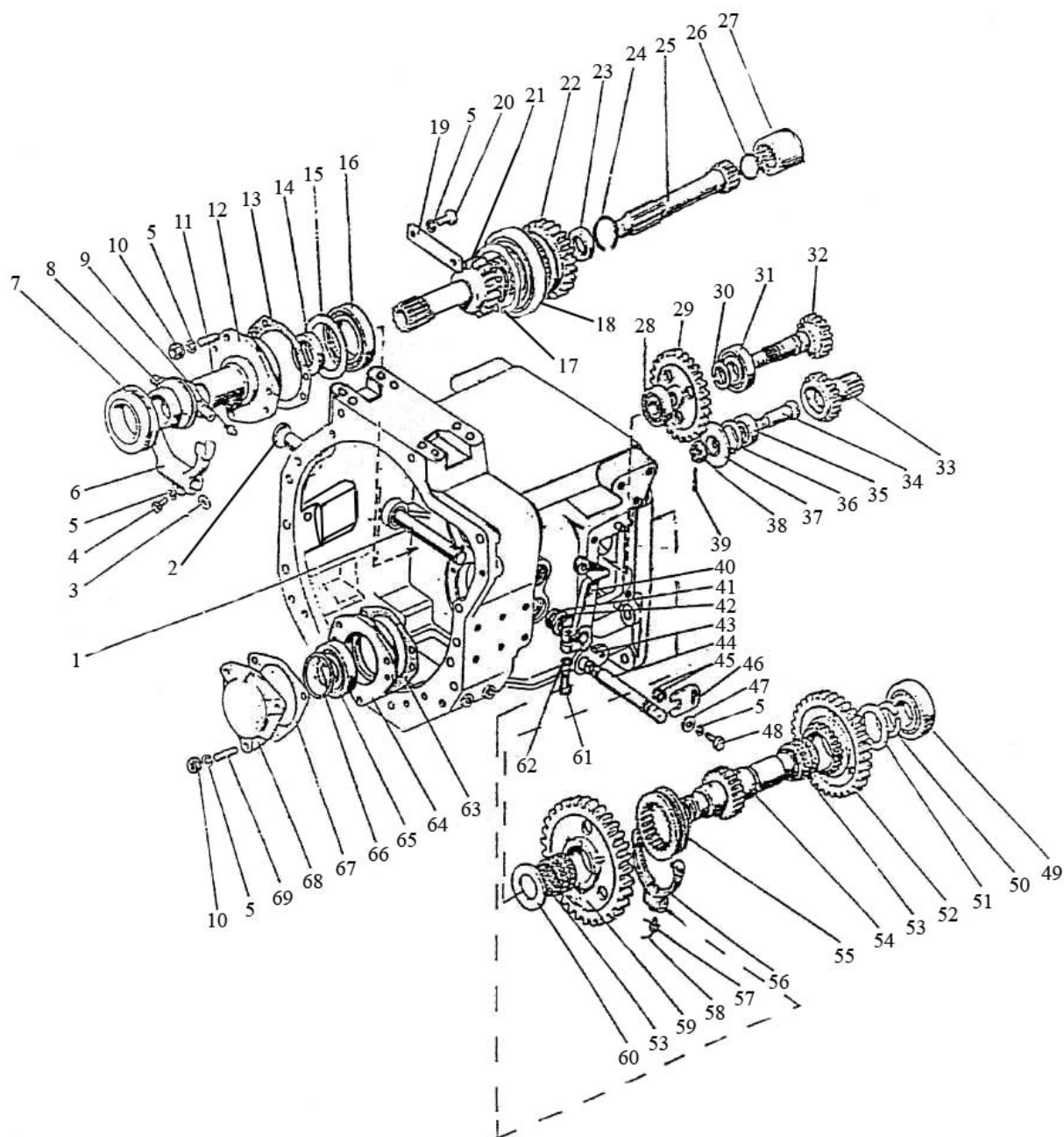


Fig. 16.3. Clutch housing (2022-1600010-A-01) (with the GB 24x12)

Group 16. Clutch
Subgroup 1601. Clutch housing

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.3		1522-1601040	1	Cage (64, 65)
		1522-1601050	1	Shaft (1522-1601055, 16, 21, 23, 24)
		1522-1601055	1	Gear (17, 18, 22)
		80-1601070	1	Pinion shaft (30-32)
		80-1601180	1	Pinion (33-36)
		50-1601180-A	1	Clutch release shifter (7-9)
		2125-1601160	1	Shaft (49-52, 53 – 1 off, 54)
		2022-1601060	1	Bushing (26, 27)
		80-1601030-01	1	Clutch release shifter bracket (12, 14)
	1	85-1601215	1	Shaft
	2	50-1601022	1	Choke
	3	50-1601218	1	Key
	4	M10x30	1	Bolt
	5	ШП10	10	Washer
	6	85-1601203	1	Fork
	7	986714KC17	1	Bearing
	8	50-1601185-A	1	Clutch release shifter
	9	1.1.Ц9.xp	1	Grease nipple
	10	M10	6	Nut
	11	M10x3p/6gx25	3	Pin
	12	85-1601172	1	Bracket
	13	80-1601173	1	Gasket
	14	240-1002055	1	Collar
	15	80-1601319	1	Washer
	16	6-12115ЕМУШ1	1	Bearing
	17	C105	1	Ring
	18	76-1000921	1	Bearing
	19	80-1601318	1	Slat
	20	M10x25	2	Bolt
	21	1522-1601026	1	Shaft
	22	1522-1601027	1	Gear
	23	2.2-38x58	1	Collar
	24	2C75	1	Ring
	25	2022 -1601113	1	Shaft
	26	C45	1	Ring
	27	2022-1601061	1	Bushing
	28	305A	1	Bearing
	29	80-1601357-Б	1	Gear
	30	C35	1	Ring

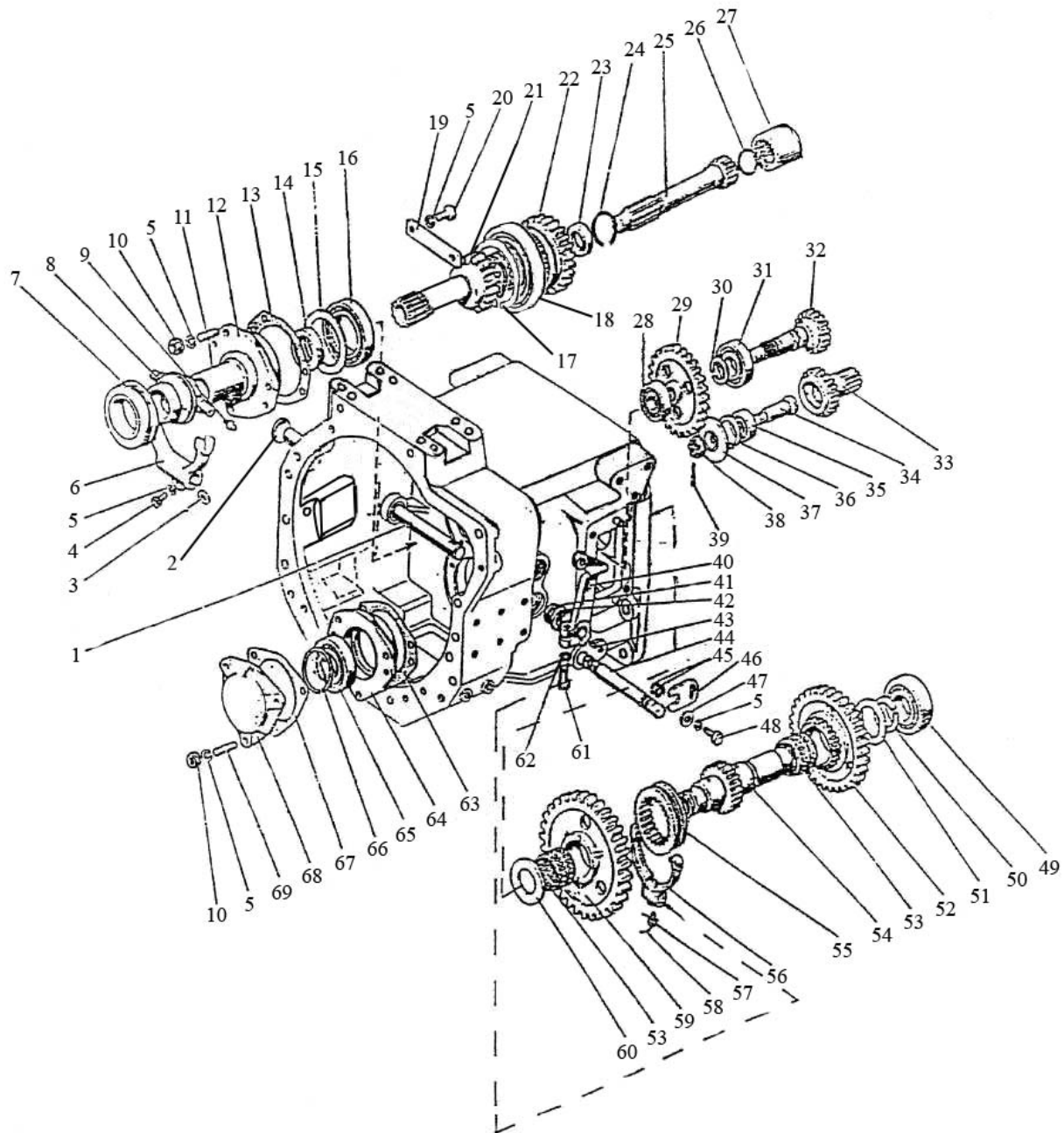
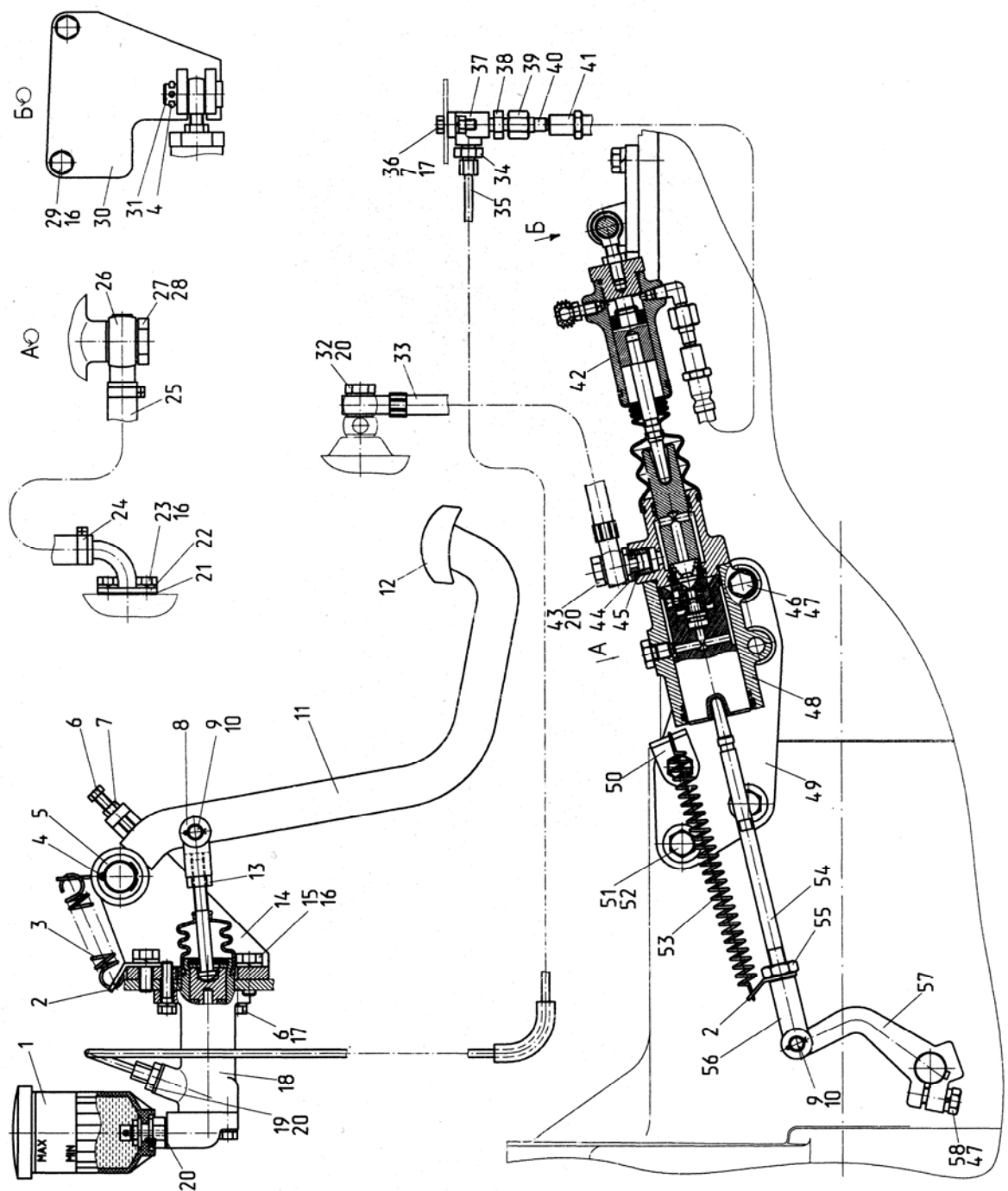


Fig. 16.3 Clutch housing (2022-1600010-A-01) (with the GB 24x12)

**Group 16 Clutch
Subgroup 1601. Clutch housing**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.3	31	207	1	Bearing
	32	80-1601071-Б	1	Pinion shaft
	33	80-1601182	1	Pinion
	34	80-1601181	1	Axle
	35	204A	1	Bearing
	36	C47	1	Ring
	37	80-1601356	1	Lock washer
	38	70-3003032	1	Nut
	39	3,2x25	1	Cotter pin
	40	1522-1601219	1	Lever
	41	80-4608024	1	Ring
	42	36-1601016	1	Housing
	43	СШ-611	1	Key 6x11
	44	85-1601111	1	Spindle
	45	020-025-30-1-4	2	Ring
	46	85-1601099	1	Plate
	47	ШЧ10	1	Washer
	48	M10x20	1	Bolt
	49	210AYШ1	1	Bearing
	50	2C55	1	Ring
	51	2125-1601082	1	Washer
	52	2125-1601086	1	Gear
	53	SKF K55x63x32	2	Bearing
	54	2125-1601021	1	Shaft
	55	112-1701343	1	Toothed coupling
	56	80-1601190	1	Fork
	57	50-4604046	1	Fork bolt
	58	1,0-O-C	1	Wire
	59	2125-1601088	1	Gear
	60	2022-1601081	1	Washer
	61	M12x35	1	Bolt
	62	ШП12	1	Washer
	63	80-1601091	1	Gasket
	64	1522-1601041	1	Cage
	65	102210KM	1	Bearing
	66	2C50	1	Ring
	67	80-1601092	1	Gasket
	68	1522-1601089	1	Cover
	69	M10x3p/6gx35	3	Pin



Group 16. Clutch
Subgroup 1602. Clutch control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.4		2022-1602010	1	Clutch control for the forward motion
	1	822-1602120	1	Reservoir (see Fig.37)
	2	80-1602116	2	Lug
	3	70-4616033 зам.	1	Spring
	4	4x36	2	Cotter pin
	5	50-3406037	1	Washer
	6	M8x35	3	Bolt
	7	M8	3	Nut
	8	822-3502203	1	Fork
	9	3,2x18	2	Cotter pin
	10	12x32	2	Pin
	11	1522-1602020	1	Pedal
	12	A13.33.022	1	Liner
	13	M10	1	Nut
	14	1522-1602030	1	Bracket
	15	M10x25	4	Bolt
	16	10 OT	8	Washer
	17	8T	4	Washer
	18	2022-1602810	1	Master cylinder (see Fig. 36)
	19	822-3503083	1	Union
	20	Д18-055-A	6	Seal ring
	21	85-1702218	1	Gasket
	22	2022-1602060	1	Cover
	23	M10x20	2	Bolt
	24	XC-21	2	Clamp
	25	2022-1602711	1	Hose
	26	C80-4607380	1	Pipe
	27	40-4607032	1	Clamp bolt
	28	40-4607038-A	2	Washer
	29	M10x45	2	Bolt
	30	2022-1602040	1	Plate
	31	16x40	1	Pin
	32	240-1111103	1	Bolt
	33	2022-2401540-01	1	Oil pipeline
	34	822-3503701	1	Union
	35	2522-1602595	1	Pipeline
	36	M8x25	2	Bolt
	37	80B-1602106-Б	1	Angle piece
	38	822-3503155	1	Union
	39	Д80-4607212	2	Nut
	40	923-3503221	2	Nipple
	41	2022-1602200	1	Flexible hose pipe of the clutch, type I
	42	1523-1602550	1	Master cylinder (see Fig.39)
	43	Д18-051	1	Bolt

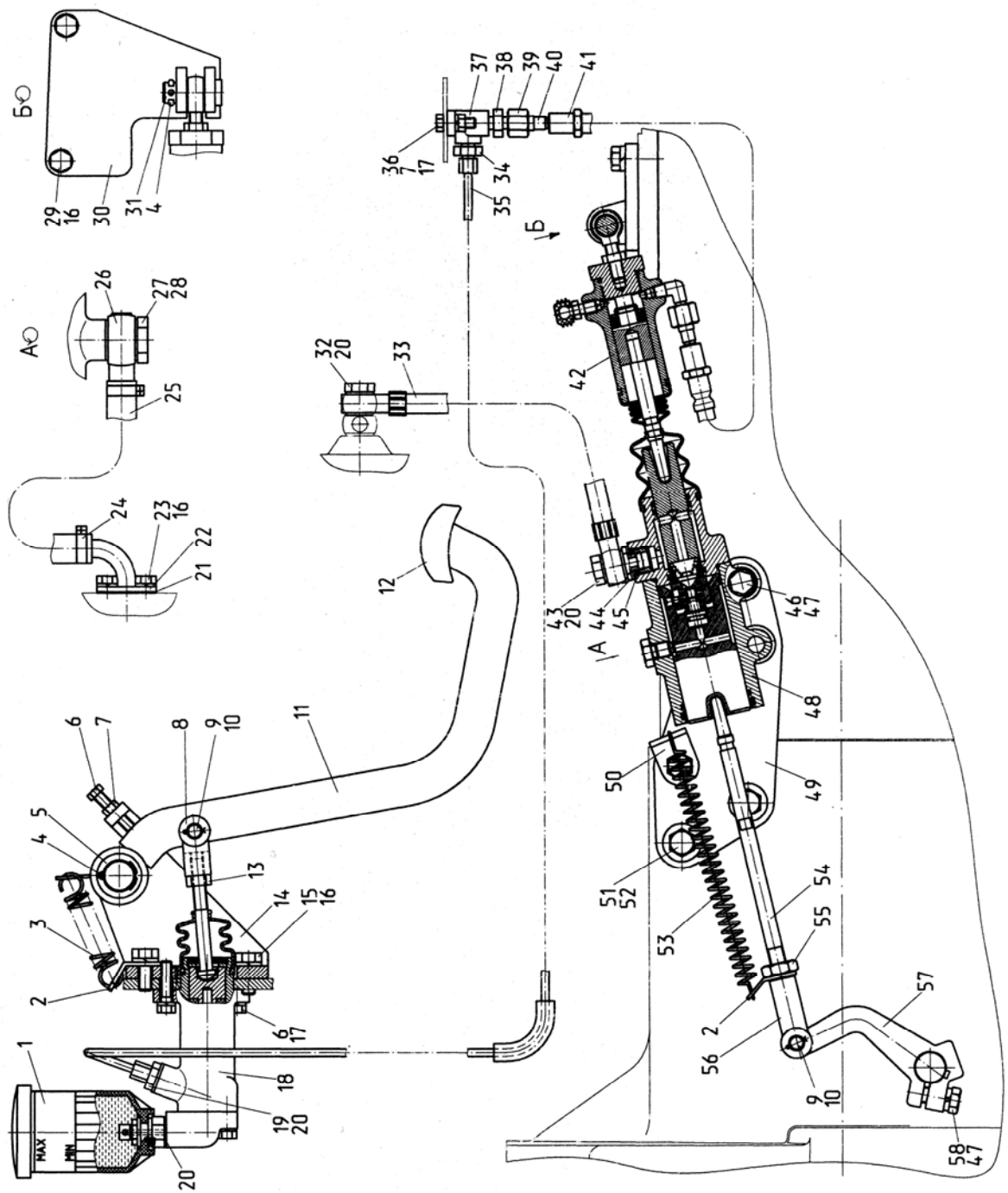


Fig. 16.4. Clutch control for the forward motion

Group 16. Clutch
Subgroup 1602. Clutch control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.4	44	1021-4803158	1	Adapter
	45	017-022-30-1-4	1	Ring
	46	M12x90	2	Bolt
	47	12 OT	3	Washer
	48	2022-1602510-01	1	Hydraulic booster (see Fig.38)
	49	1522-1602067	1	Bracket
	50	2022-1602064	1	Bracket
	51	M16x50	3	Bolt
	52	16 OT	3	Washer
	53	50-1605152	1	Spring
	54	1221B-1602112	1	Rod
	55	M12x1,25	1	Nut
	56	50-3502203	1	Fork
	57	1522-1601219	1	Lever
	58	M12x35	1	Bolt

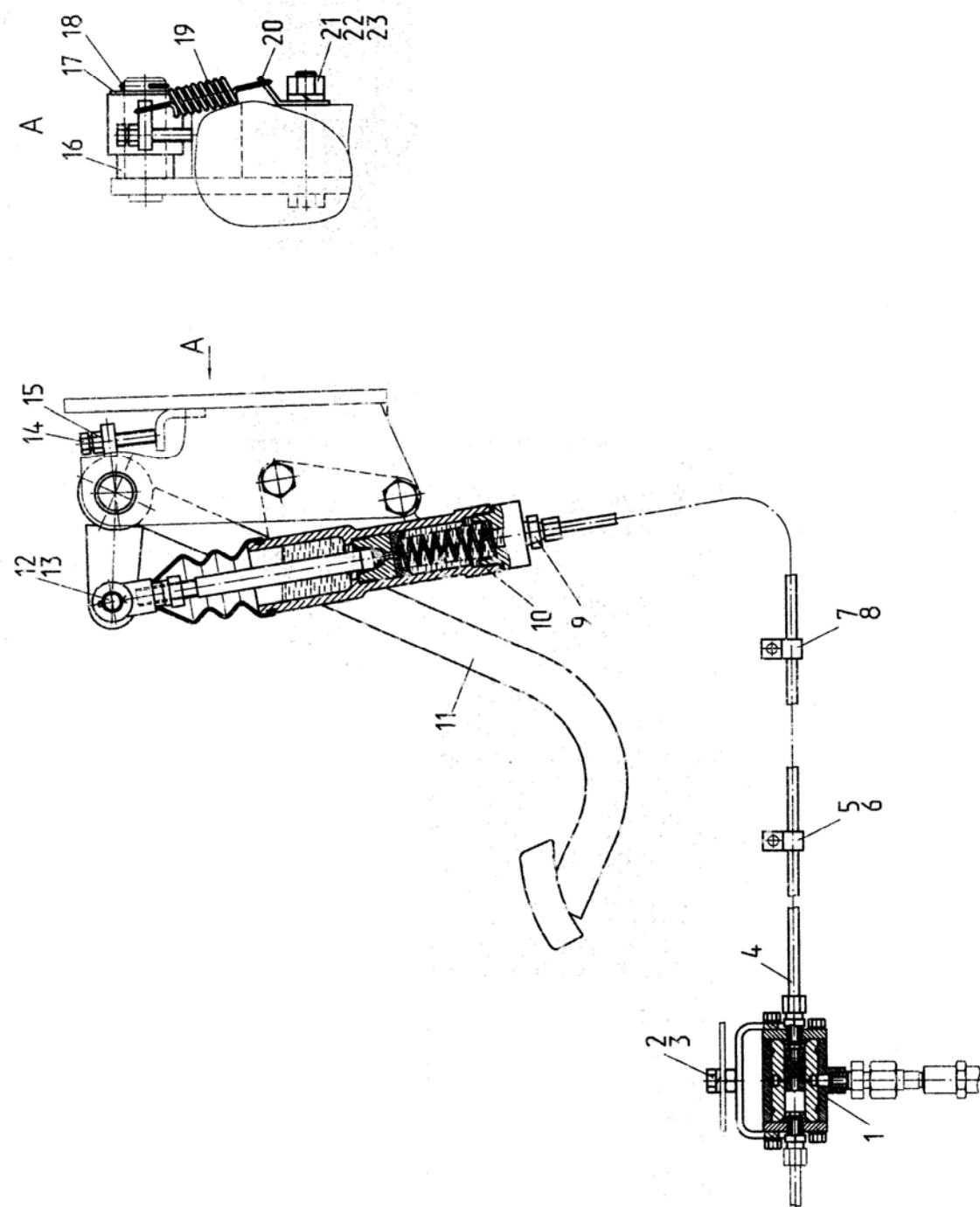


Fig. 16.5. Clutch control for the reverse

Group 16. Clutch
Subgroup 1602. Clutch control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.5		2022B-1602010	1	Clutch control for the reverse
	1	2822-1602100-03	1	Tap (see Fig. 41)
	2	M8x25	2	Bolt
	3	8T	2	Washer
	4	1522B-1602180	1	Oil pipeline
	5	70-4802045	1	Cleat
	6	ПР-32	1	Seal
	7	50-3723021	1	Cramp
	8	305 TB-40T	20	Tube
	9	822-3503701	1	Union
	10	1221B-1602610	1	Master cylinder (see Fig.36)
	11	1522B-1602040	1	Pedal
	12	3,2x18	1	Cotter pin
	13	12x32	1	Pin
	14	M8x35	1	Bolt
	15	M8	1	Nut
	16	70-1723032	1	Bushing
	17	50-3406037	1	Washer
	18	4x36	1	Cotter pin
	19	70-4616033 substitute	1	Spring
	20	80-1602116	1	Ear
	21	M10x75	2	Bolt
	22	M10	2	Nut
	23	10 OT	2	Washer

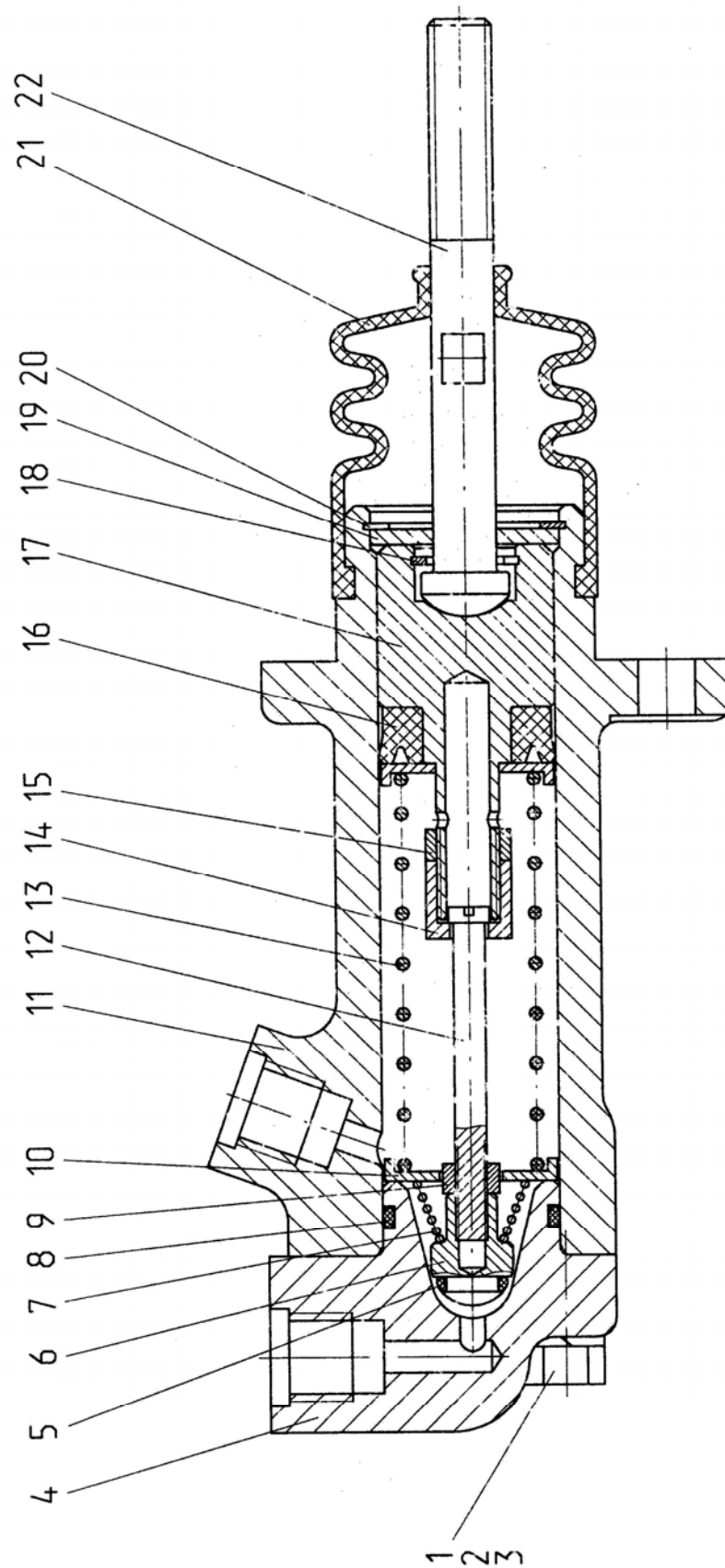


Fig. 16.6. Master cylinder

Group 16. Clutch
Subgroup 1602. Master cylinder 2022-1602810

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.6		2022-1602810	1	Master cylinder
	1	M8x25	2	Bolt
	2	M8x40	2	Bolt
	3	8T	4	Washer
	4	2022-1602812	1	Cover
	5	007-011-25-1-6	1	Ring
	6	2022-1602823	1	Valve
	7	2022-1602838	1	Spring
	8	024-028-25-2-4	1	Ring
	9	M5	1	Nut
	10	2022-1602824	2	Washer
	11	2022-1602811	1	Body
	12	2022-1602822	1	Piston lifter
	13	2022-1602841	1	Spring
	14	2022-1602827	1	Coupling nut
	15	2022-1602826	1	Nut
	16		1	Collar N14-102 (14x28x10) Simrit 85 EPDMV MOO 282
	17	2022-1602821	1	Piston
	18	C16	1	Ring
	19	C 16	1	Washer
	20	C30	1	Ring
	21	142-1602569	1	Boot
	22	2022-1602813	1	Piston lifter

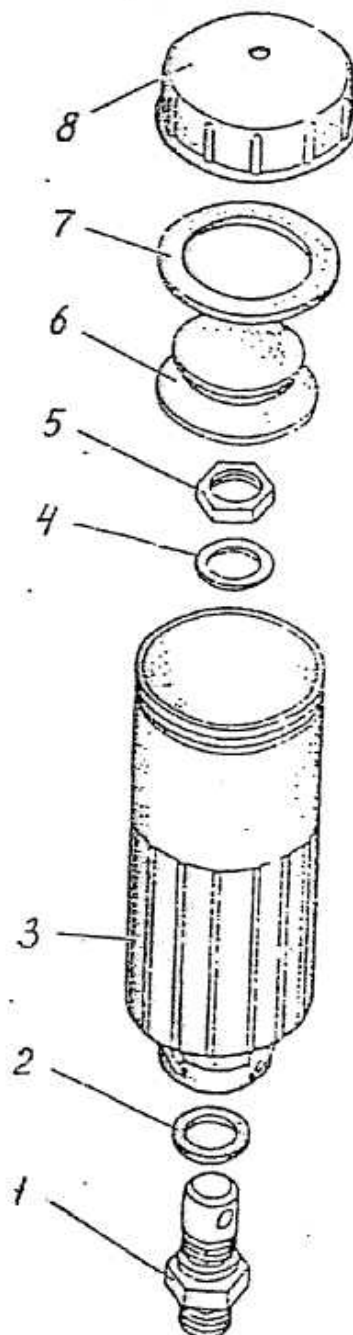


Fig. 16.7. Reservoir

Group 16. Clutch
Subgroup 1602. Reservoir 822-1602120

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.7		822-1602120	1	Reservoir
	1	822-1602126	1	Union
	2	822-1602127	1	Ring
	3	822-1602121	1	Body
	4	C 12	1	Washer
	5	M12x1,25	1	Nut
	6	822-1602123	1	Plate
	7	822-1602124	1	Gasket
	8	822-1602122	1	Cover

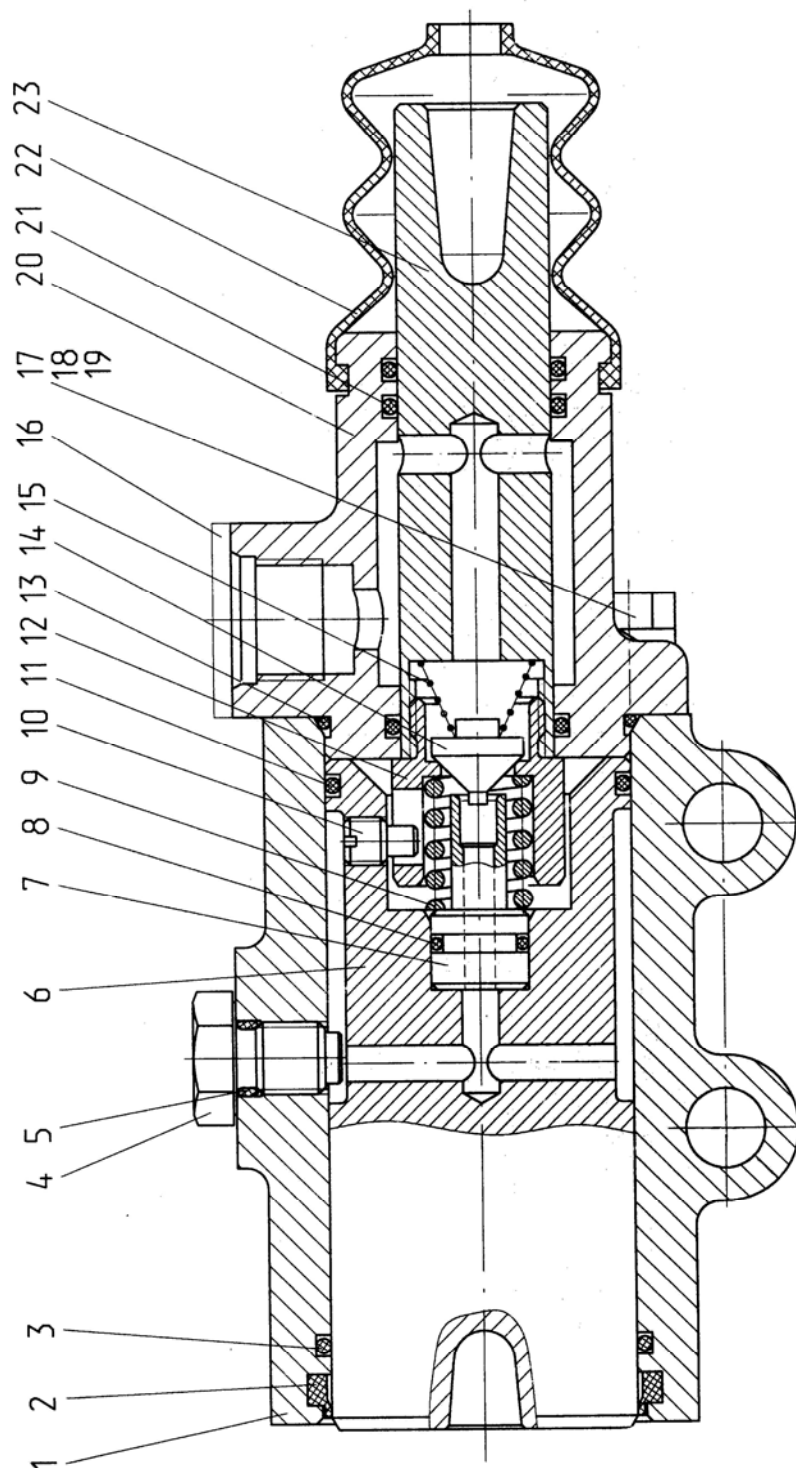


Fig. 16.8. Hydraulic booster

Group 16. Clutch
Subgroup 1602. Hydraulic booster 2022-1602510- 01

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.8		2022-1602510-01	1	Hydraulic booster
	1	2022-1602511-01	1	Body
	2		1	Scarper DA22 WD22005500-Z201
	3	050-055-30-1-4	1	Ring
	4	2022-1602517	1	Locking bolt
	5	009-012-19-1-4	1	Ring
	6	2022-1602524	1	Piston
	7	2022-1602532	1	Rod
	8	012-016-25-2-4	1	Ring
	9	2022-1602522	1	Spring
	10	2022-1602518	1	Locking screw
	11	045-050-30-1-4	1	Ring
	12	2022-1602554	1	Rod
	13	048-052-25-2-4	1	Ring
	14	2022-1602516	1	Valve
	15	2022-1602838	1	Spring
	16	P75-090-A	2	Transportation choke
	17	M8x25	2	Bolt
	18	M8x40	2	Bolt
	19	8T	4	Washer
	20	2022-1602512	1	Cover
	21	025-030-30-1-4	3	Ring
	22	142-1602543	1	Boot
	23	2022-1602544	1	Piston lifter

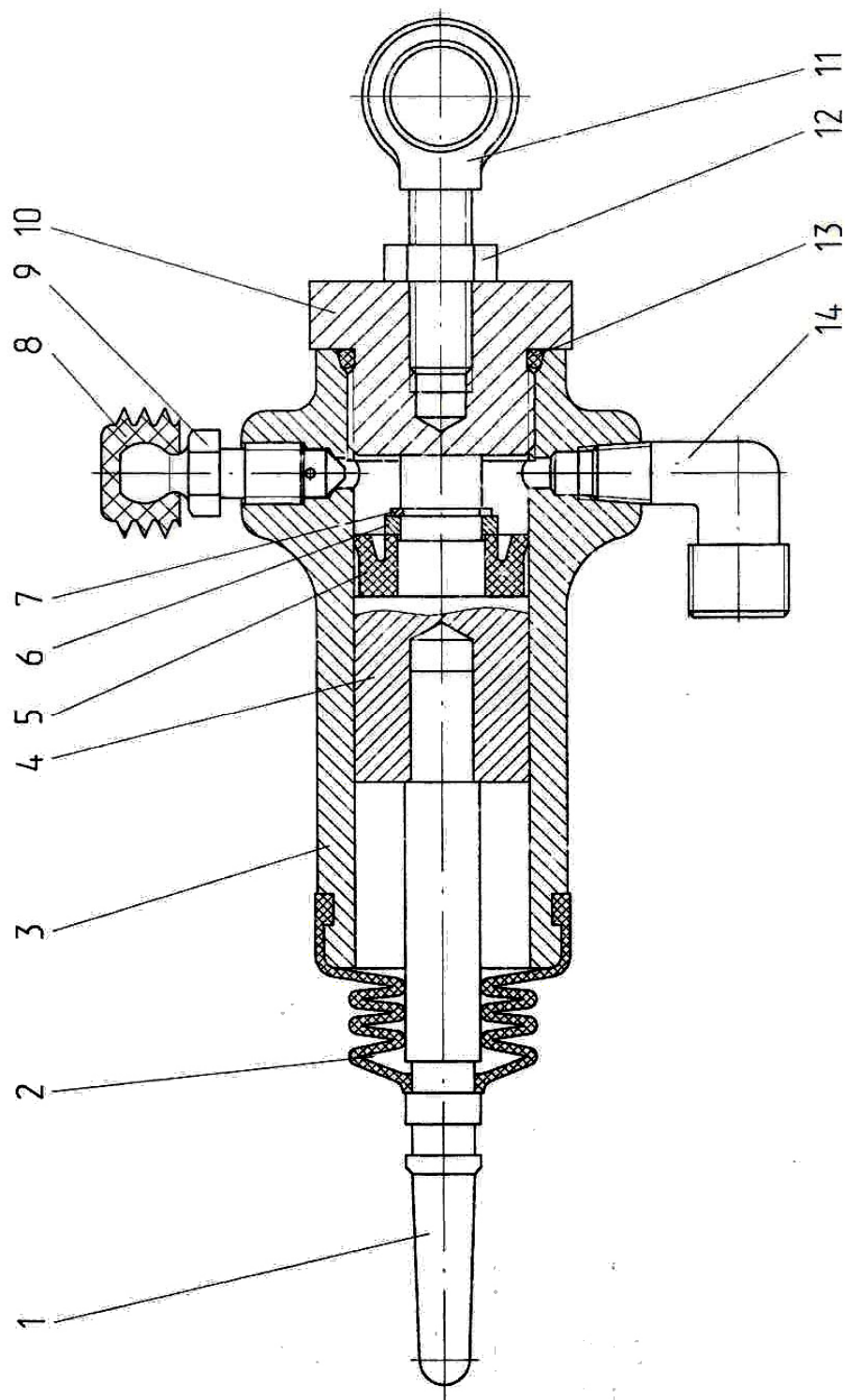


Fig. 16.9. Master cylinder

Group 16. Clutch
Subgroup 1602. Master cylinder 1523-1602550

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.9		1523-1602550	1	Master cylinder
	1	80B-1602557	1	Rod
	2	142-1602569	1	Boot
	3	1221B-1602551	1	Body
	4	1221B-1602556	1	Piston
	5		1	Collar N14-102 (14x28x10) Simrit 85 EPDMV MOO 282
	6	1221B-1602517-Б	1	Distance bushing
	7	C13	1	Ring
	8	142-1602377	1	Cap
	9	142-1602371	1	Valve
	10	1221B-1602561	1	Cover
	11	1523-1602566	1	Support
	12	M10	1	Nut
	13	027-031-25-2-6	1	Ring
	14	822-3503037	1	Threaded angle piece

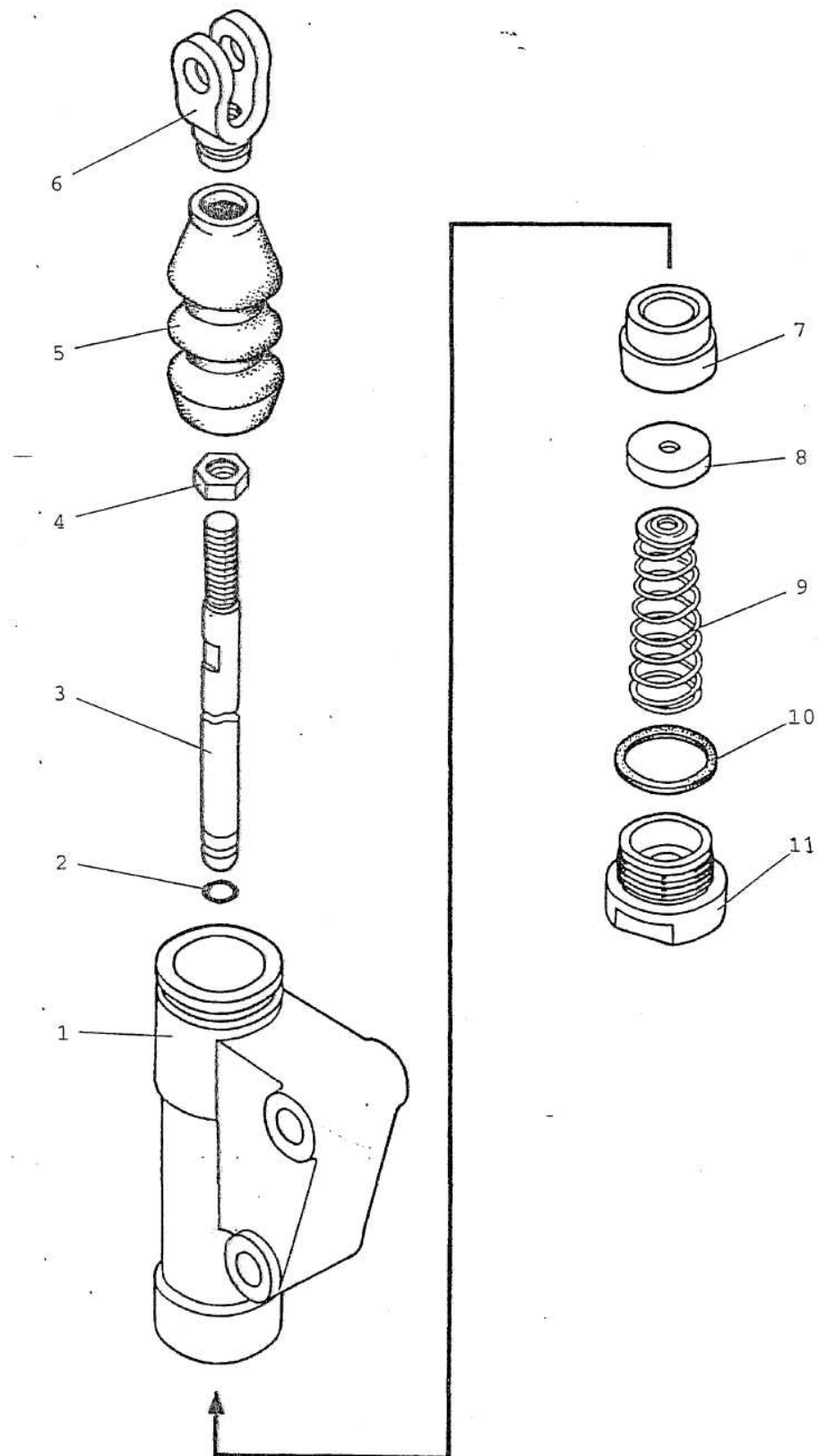


Fig. 16.10. Master cylinder for the reverse motion

Group 16. Clutch
Subgroup 1602. Master cylinder (for the reverse motion)

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.10		1221B-1602610	1	Master cylinder (1-11)
	1	142-1602611	1	Body
	2	007-011-25-1-6	1	Ring
	3	1221B-1602616	1	Piston lifter
	4	M10	1	Nut
	5	142-1602543	1	Boot
	6	1221B-1602617	1	Fork
	7	142-1602612	1	Piston
	8	142-1602117	1	Collar
	9	142-1602620	1	Spring
	10	142-1602614	1	Gasket
	11	142-1602613	1	Plug

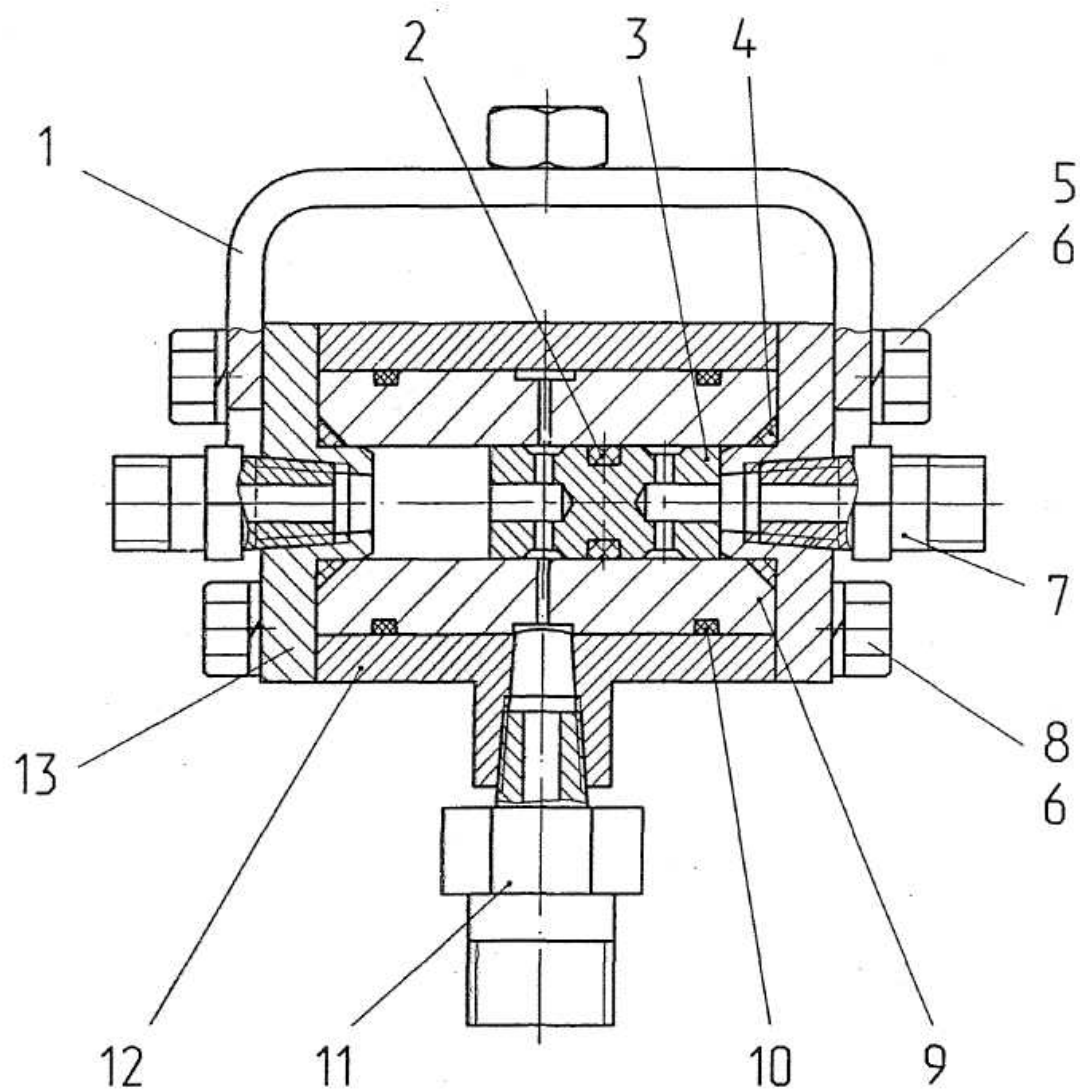


Fig. 16.11. Tap

Group 16. Clutch
Subgroup 1602. Tap 2822-1602100-03

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
16.11		2822-1602100-03	1	Tap
	1	2822-1602110	1	Bracket
	2	008-012-25-2-6	1	Ring
	3	2822-1602104	1	Piston
	4	012-016-25-2-6	2	Ring
	5	M6x25	4	Bolt
	6	6T	8	Washer
	7	80-1701549	2	Union
	8	M6x20	4	Bolt
	9	2822-1602102	1	Body
	10	025-028-19-2-6	2	Ring
	11	822-3503155	1	Union
	12	2822-1602101	1	Body
	13	2822-1602103	2	Cover

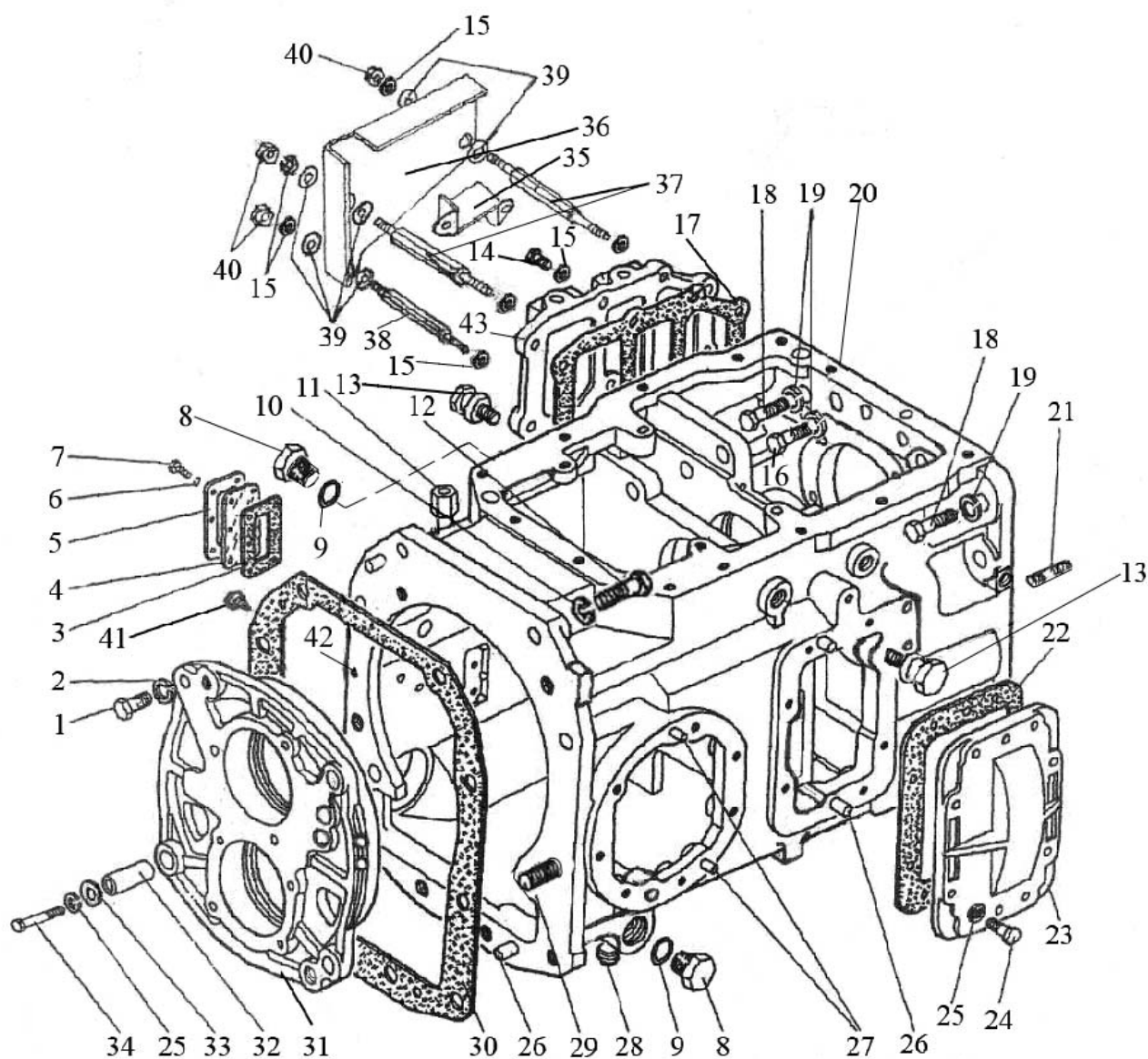


Fig. 17.1. Gearbox 1222-1700010 (24F+12R)

Group 17. Gearbox
Subgroup 1701. Gearbox 1222-1700010

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.1		1222-1700010	1	Gearbox
	1	M16x45	2	Bolt
	2	ШП16	2	Washer
	3	85-4608086-Б	1	Gasket
	4	85-4608087-Б	1	Indicator
	5	85-4608088-Б	1	Plate
	6	ШП6	4	Washer
	7	M6x16	4	Bolt
	8	80-4608021	2	Choke
	9	027-032-30-1-4	2	Ring
	10	ШП20	4	Washer
	11	1221-1737099	1	Union
	12	70-4605036	4	Bolt
	13	50-1002318-Б	2	Eye-bolt
	14	M10x35	6	Bolt
	15	ШП10	12	Washer
	16	1221-2401011-02	1	Bolt
	17	80-1701399-Б	1	Gasket
	18	1221-2401011-01	8	Bolt
	19	ШП18	9	Washer
	20	2022-1701025-Б	1	Housing
	21	1522-1701525	3	Pin
	22	2022-1701456	1	Gasket
	23	2022-1701454	1	Cover
	24	M12x30	7	Bolt
	25	ШП12	9	Washer
	26	Д01-015	4	Locating pin
	27	ШЦК 10x25	4	Pin
	28	ПК КГ 3/8"	1	Plug
	29	80-1701525	1	Pin M20 3p/6gx65.66.019 State Standard (ГОСТ) 22034-76
	30	80-1701026	1	Gasket
	31	1222-1701034	1	Sleeve
	32	1222-1701071	2	Pin
	33	1222-1701072	2	Washer
	34	M12x60	2	Bolt
	35	1221-1802089-A	1	Cramp
	36	1221-1802093	1	Shield
	37	1221-1802094	2	Pin
	38	1221-1802094-01	1	Pin
	39	ШЧ10	6	Washer
	40	M10	3	Nut
	41	КГ 1/8".A12.019	1	Plug
	42	10,0-60	1	Ball
	43	1221-1802016	1	Cover

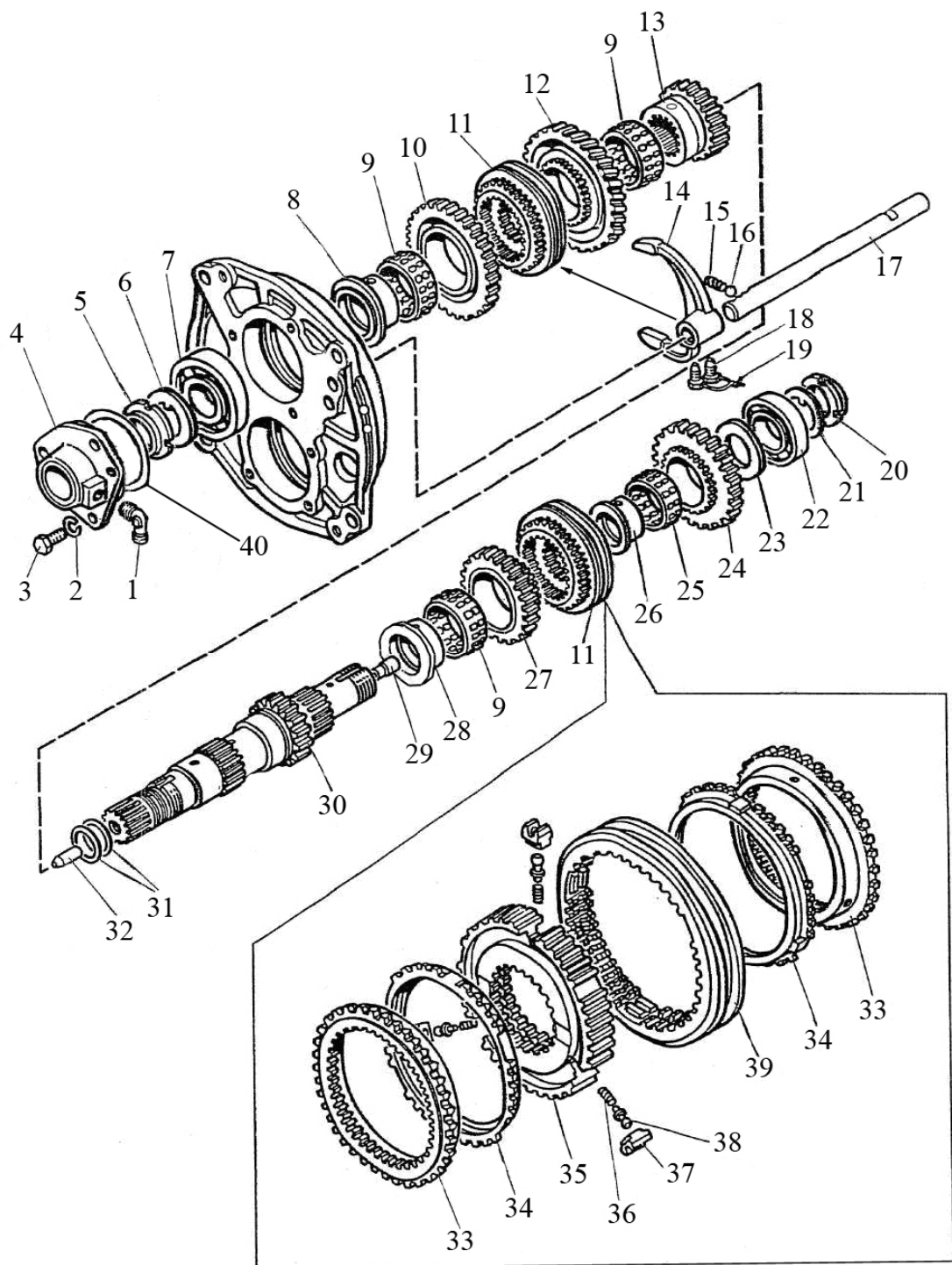


Fig. 17.2. Primary shaft

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.2	1	86-1802088	1	Angle piece
	2	ШП12	3	Washer
	3	M12x30	3	Bolt
	4	1222-1701030	1	Sleeve
	5	80-1701047	1	Nut
	6	80-1701186	1	Washer
	7	6-311AШ1	1	Bearing
	8	1222-1701043	1	Bushing
	9	3KK 78x89x38E	3	Bearing
	10	1222-1701052	1	Gear
	11	GT-C 114; 3.28434.3	2	Synchronizer
	12	1523K-1701054	1	Gear
	13	1222-1701044	1	Gear
	14	1222-1702088	1	Fork
	15	50-1702148-A	1	Pawl spring
	16	10,0-60	1	Ball
	17	1222-1702082-Б	1	Dog
	18	220-1702061	2	Bolt
	19	1,6-O-C	400 mm	Wire
	20	80-1701045	1	Nut
	21	80-1701056	1	Washer
	22	309K	1	Bearing
	23	1222-1701049	1	Washer
	24	2022K-1701048	1	Gear
	25	664913E	1	Bearing
	26	1222-1701047	1	Bushing
	27	1222-1701042	1	Gear
	28	1523-1701046	1	Bushing
	29	80-1701053	1	Throttle
	30	1523-1701032	1	Pinion shaft
	31	2522-1802083	2	Seal ring
	32	50-1601352	1	Locating pin
	33	C1-Д114-004	4	Taper ring
	34	C1-Д114-010	4	Interlocking ring
	35	C1-Д114-006	2	Carriage
	36	C1-Д114-003	6	Spring
	37	C1-Д114-002	6	Pusher
	38	C1-Д114-001	6	Pawl
	39	C1-Д114-005	2	Toothed coupling
	40	1222-1701033	0-3	Washer

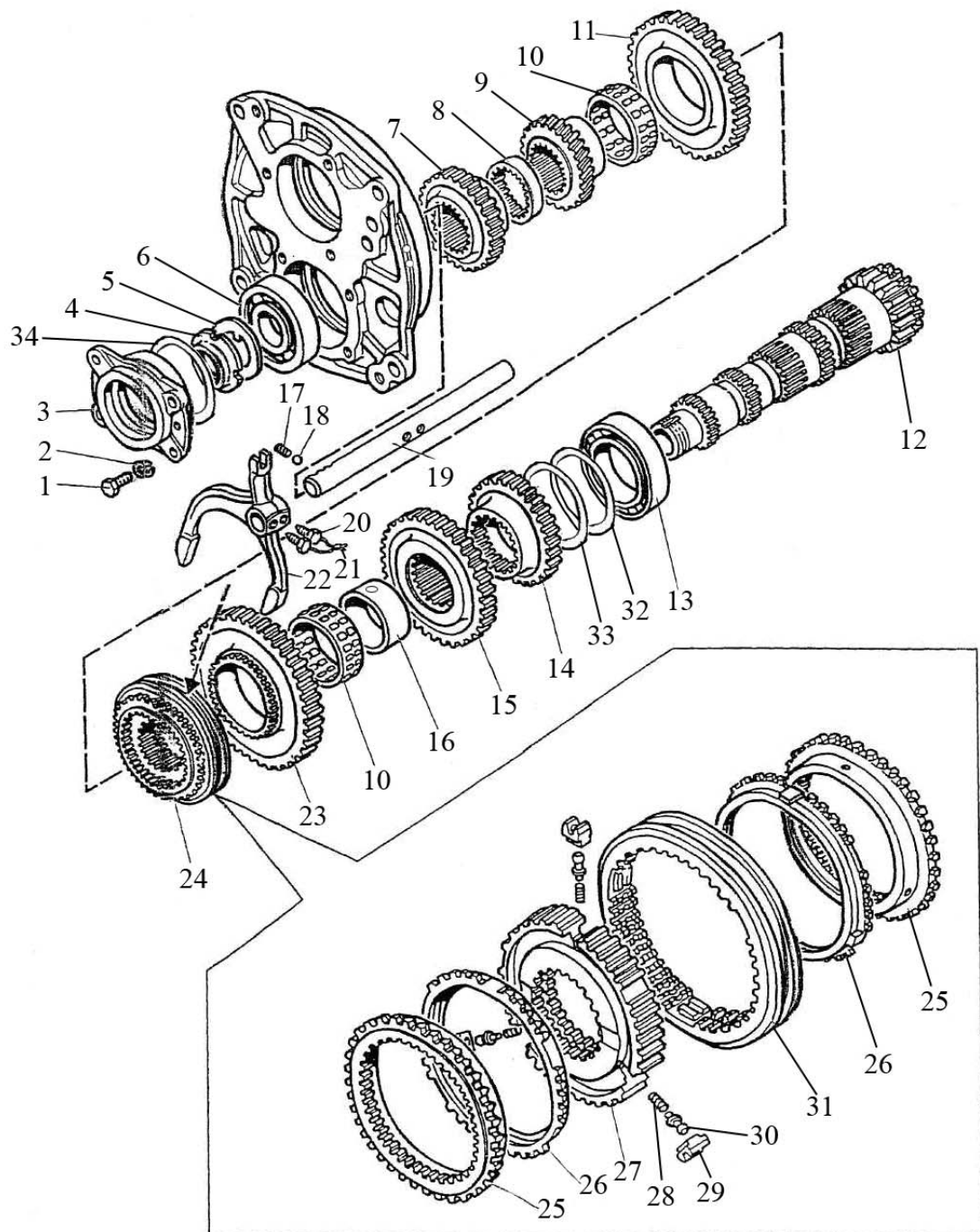


Fig. 17.3. Intermediate shaft

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.3		1222-1701190-02	1	Intermediate shaft (7-13,14-16,23,24,32,33)
	1	M10x30	4	Bolt
	2	10OT	4	Washer
	3	2022-1701151	1	Sleeve
	4	80-1701047	1	Nut
	5	80-1701186	1	Washer
	6	6-311AШ1	1	Bearing
	7	1222-1701217	1	Gear
	8	1222-1701213	1	Bushing
	9	1523K-1701219	1	Gear
	10	3KK 78x89x38E	2	Bearing
	11	1222-1701214	1	Gear
	12	2022-1701182	1	Pinion shaft
	13	3514H	1	Bearing
	14	1222-1701218	1	Gear
	15	1222-1701216	1	Gear
	16	1222-1701046	1	Bushing
	17	50-1702148-A	1	Pawl spring
	18	10,0-60	1	Ball
	19	1222-1702087	1	Dog
	20	220-1702061	2	Bolt
	21	1,6-O-C	400 mm	Wire
	22	1222-1702089-Б	1	Fork
	23	1523-1701212	1	Gear
	24	GT-C 114; 3.28434.3	1	Synchronizer
	25	C1-D114-004	2	Taper ring
	26	C1-D114-010	2	Interlocking ring
	27	C1-D114-006	1	Carriage
	28	C1-D114-003	3	Spring
	29	C1-D114-002	3	Pusher
	30	C1-D114-001	3	Pawl
	31	C1-D114-005	1	Toothed coupling
	32	1222-1701223	0-4	Washer
	33	1222-1701223-01	0-3	Washer
	34	1222-1701033	0-3	Washer

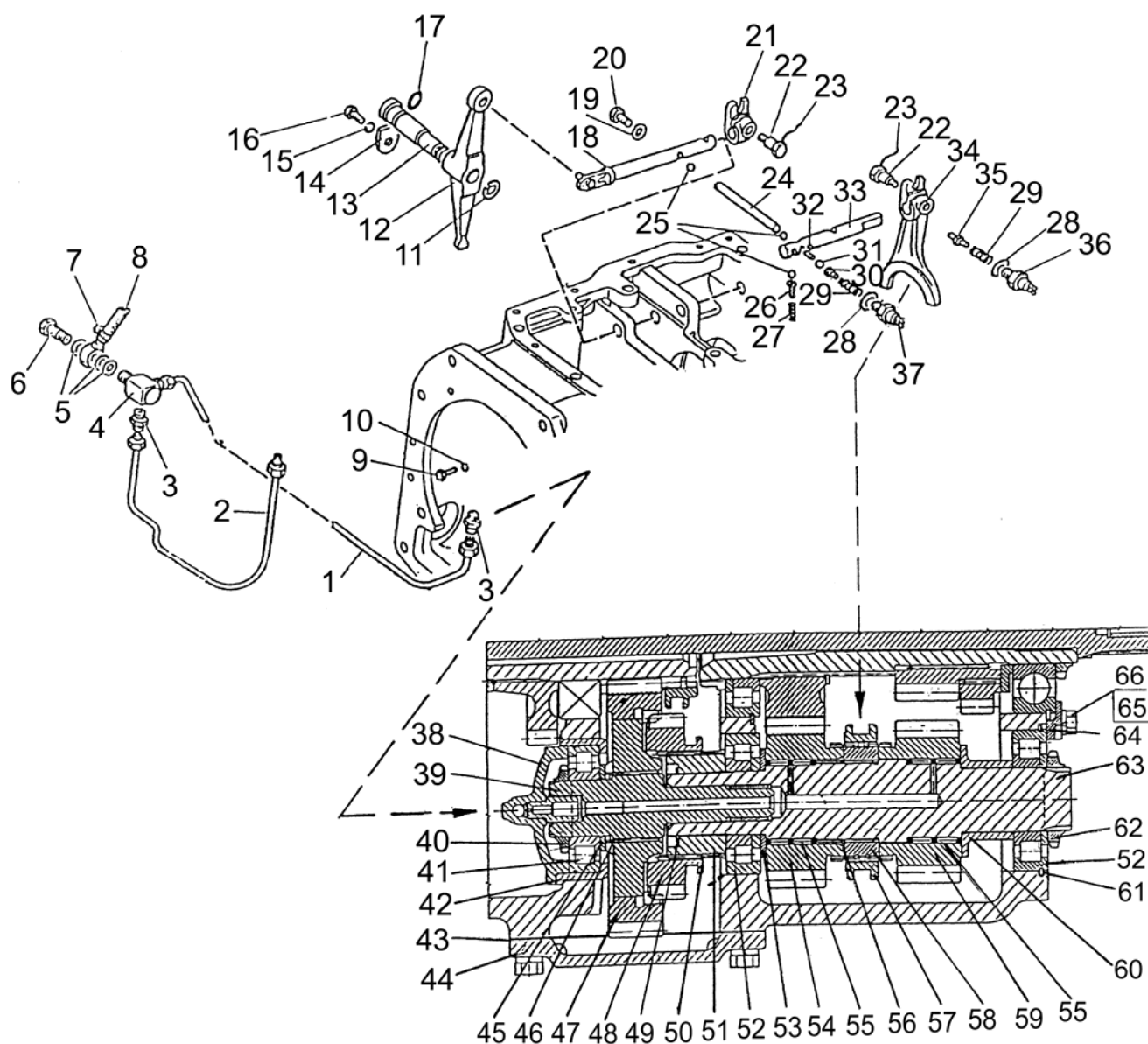


Fig. 17.4. Shaft of reduced gears and reverse

Group 17. Gearbox
Subgroup 1701. Shaft of reduced gears and reverse

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.4	1	80-1701420	1	Tube
	2	80-1701430	1	Tube
	3	80-1701549	2	Union
	4	80-1701057	1	Union
	5	Д18-055-A	4	Ring
	6	Д18-051	2	Bolt
	7	TORRO12-20/9-C6W	2	NORMA clamp
	8	1222-1702130-01	1	Oil pipeline
	9	M8-20	2	Bolt
	10	ШП8	2	Washer
	11	C25	1	Ring
	12	85-1702041	1	Rocker
	13	85-1702042	1	Axle
	14	85-1702043	1	Plate
	15	ШП10	1	Washer
	16	M10x20	1	Bolt
	17	026-030-25	1	Ring
	18	85-1702050	1	Dog
	19	85-1702051	1	Washer
	20	M12x25	1	Bolt
	21	85-1702045	1	Dog
	22	80-1702108	2	Bolt
	23	1,6-0-C	1	Wire (L = 800 mm)
	24	85-1702046	1	Pin
	25	10,0-60	3	Ball
	26	80-1704039	1	Guide
	27	50-1702148-A	1	Pawl spring
	28	50-1702048	10	Adjusting shim
	29	12-23-668-A	2	Spring
	30	85-1702305	1	Pin
	31	12,7-60	1	Ball
	32	85-1702301	1	Axle
	33	1522-1702035	1	Dog
	34	1222-1702027	1	Fork
	35	1522-1702306	1	Pin
	36	BK12-3	1	Switch
	37	BK12-4	1	Switch
	38	2022-1701310	1	Sleeve
	39	2022-1701325	1	Shaft
	40	2022-1701049	1	Nut
	41	SKF NUP 308 EC	1	Bearing
	42	2022-1701317	1	Sleeve
	43	2022-1701456	1	Gasket
	44	2022-1701454	1	Cover
	45	2022-1701306-A	1	Bushing
	46	2022-1701307	1	Ring
	47	2022-1701340-A	1	Gear
	48	2022-1701344	1	Gear
	49	C45	1	Ring
	50	2C75	1	Ring

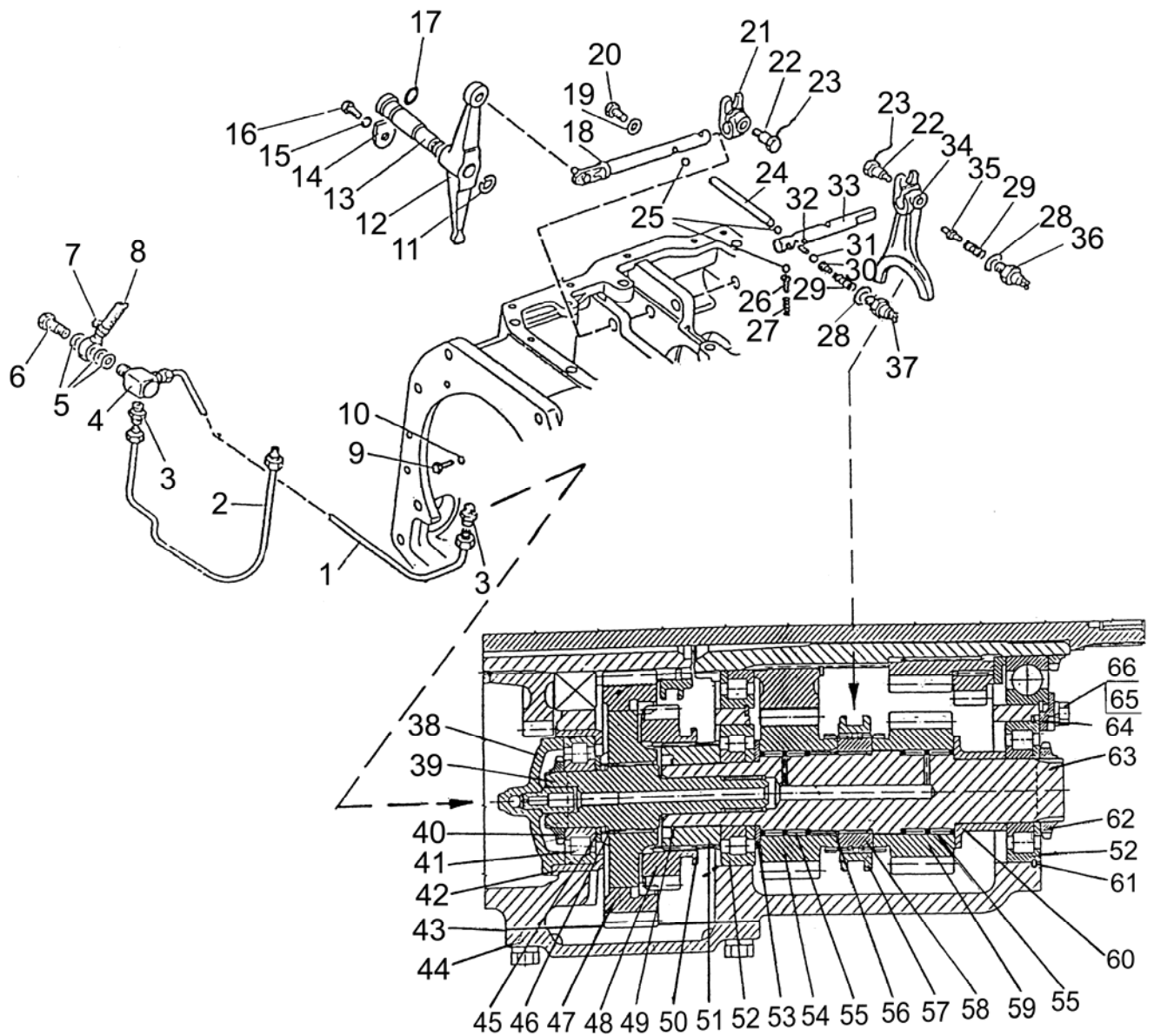


Fig. 17.4. Shaft of reduced gears and reverse

Group 17. Gearbox
Subgroup 1701. Shaft of reduced gears and reverse

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.4	51	2022-1701346	1	Bushing
	52	692309KM	2	Bearing
	53	2022-1701305	1	Washer
	54	2022-1701351	1	Gear
	55	664910E	2	Bearing
	56	54-31-472	1	Spring ring
	57	2022-1701343	1	Toothed ring
	58	2022-1701352	1	Bushing
	59	2022-1701361	1	Gear
	60	2022-1701339-Б	1	Bushing
	61	80-1701396	1	Ring
	62	80-1701045	2	Nut
	63	2022-1701330	1	Shaft
	64	80-1701205	2	Slat
	65	M10x30	12	Bolt
	66	ШП10	33	Washer

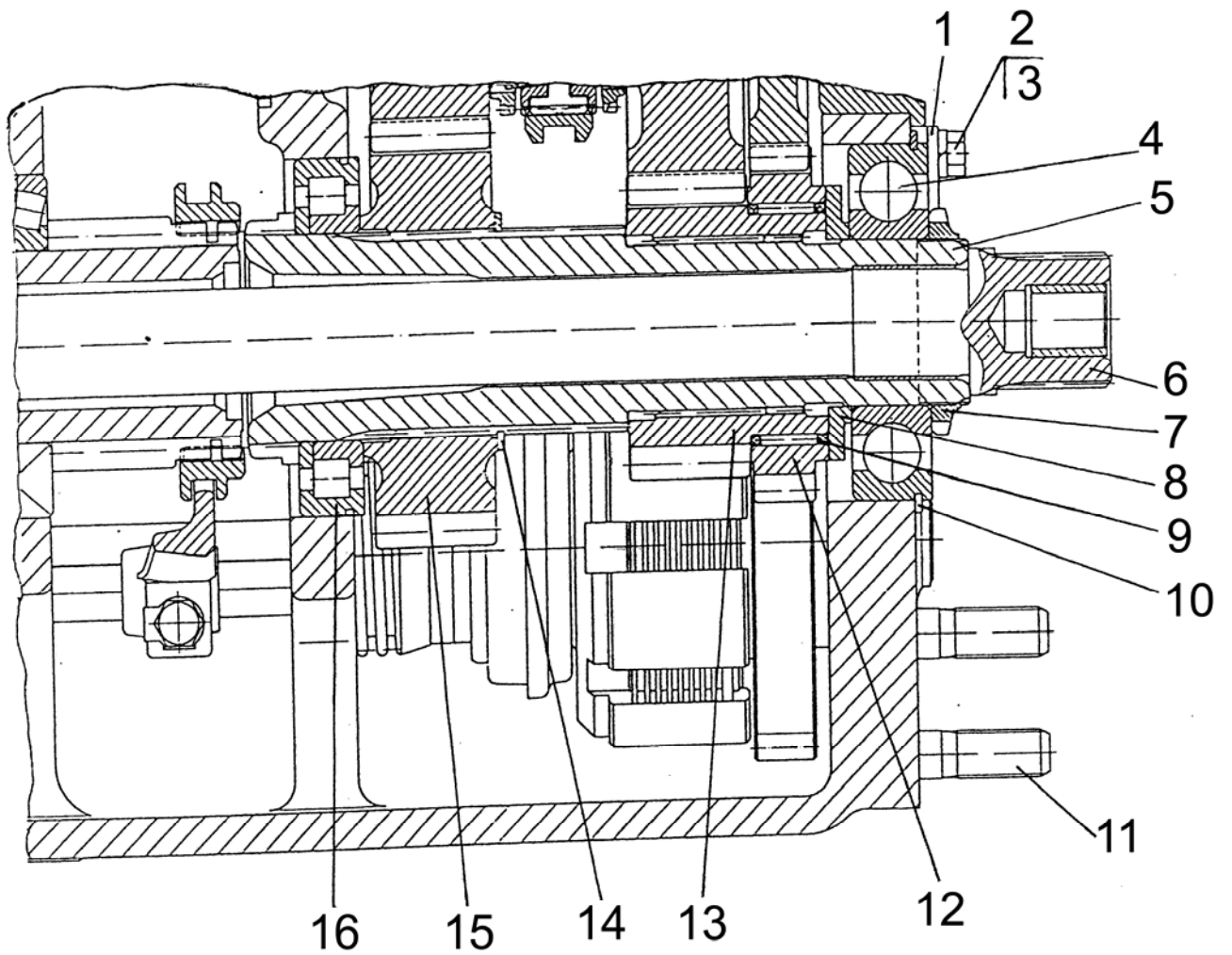


Fig. 17.5. Gear cluster shaft

Group 17. Gearbox
Subgroup 1701. Gear cluster shaft

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.5	1	80-1701205	2	Slat
	2	M10x30	12	Bolt
	3	ШП10	4	Washer
	4	50312A	1	Bearing
	5	2022-1701240	1	Shaft
	6	2022-1701160	1	Shaft
	7	2823-1701049	1	Nut
	8	2022-1701226	1	Washer
	9	K80x88x30E	1	Bearing
	10	80-1701206	1	Ring
	11	1522-1701525	3	Pin
	12	2022-1701202	1	Gear
	13	2022-1701224	1	Gear
	14	2C75	1	Ring
	15	2022-1701221	1	Gear
	16	692215K1M	1	Bearing

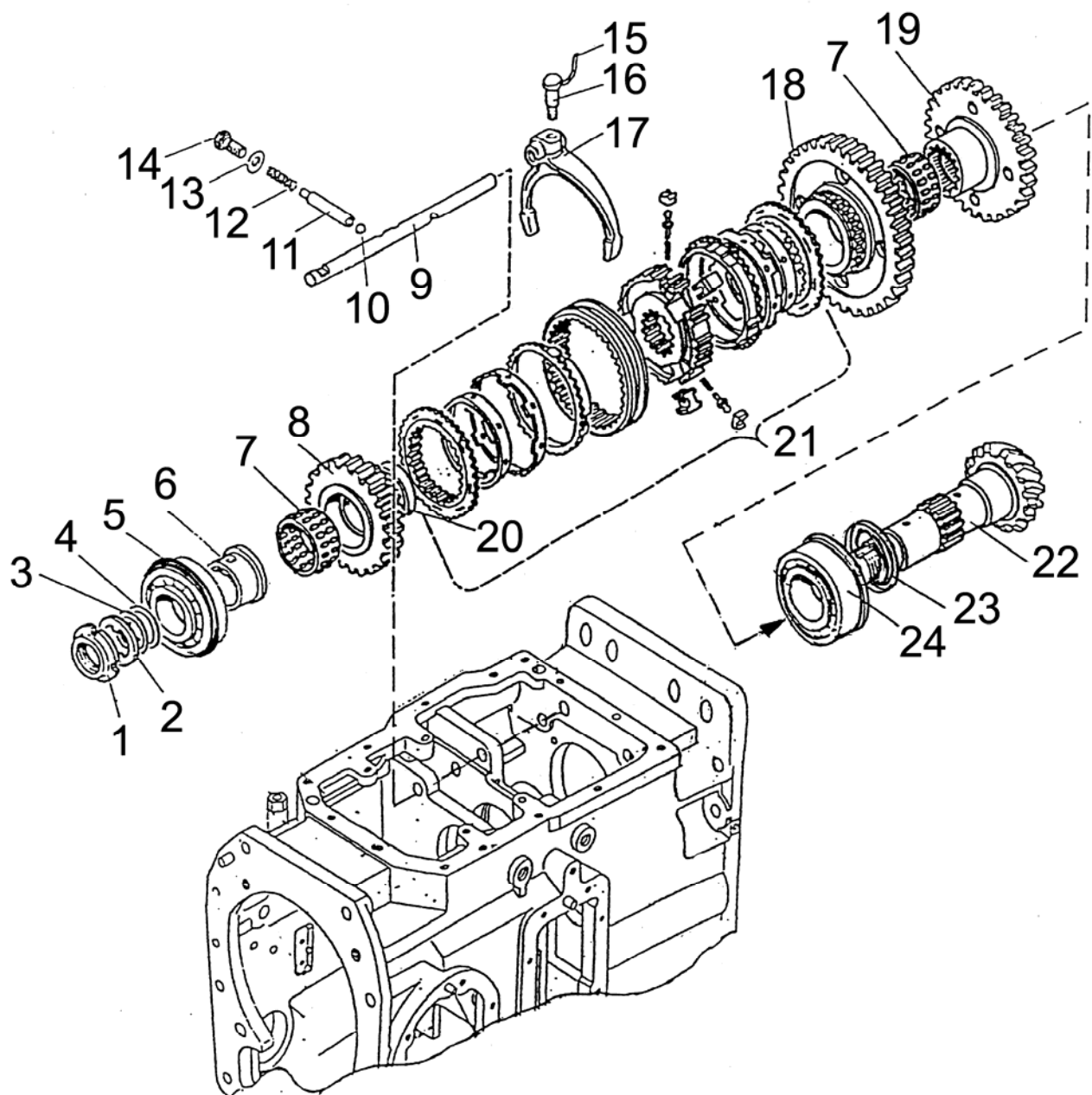


Fig. 17.6. Secondary shaft

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.6		2022-1701050	1	Pinion shaft
		2022-2403014*	1	Final drive gear set
	1	80-1701045	1	Nut
	2	1522-1701354	1	Nut
	3	1522-1701254	5	Washer
	4	1522-1701254-01	5	Washer
	5	6-67512AШ2	1	Bearing
	6	1522-1701350	1	Bushing
	7	KK75x86x40E	2	Bearing
	8	2022-1701314-B	1	Gear
	9	1222-1702037	1	Dog
	10	10,0-60	1	Ball
	11	85-1702048	1	Pin
	12	50-1702148-A	1	Pawl spring
	13	85-1702051	1	Washer
	14	M12x25	1	Bolt
	15	1,6-0-C	1	Wire (L = 800 mm)
	16	80-1702108	1	Bolt
	17	1222-1702029	1	Fork
	18	2022-1701312-B	1	Gear
	19	2125-1701313-B	1	Gear
	20	2025-1701349-B	1	Bushing
	21	GT-D109/116;3.30647.3	1	Synchronizer
	22	2022-1701252	1	Shaft
	23	2022-1701253	1	Ring
	24	6-627613A1K	1	Bearing

* Consists of parts 2022-2403021, 2022-1701252

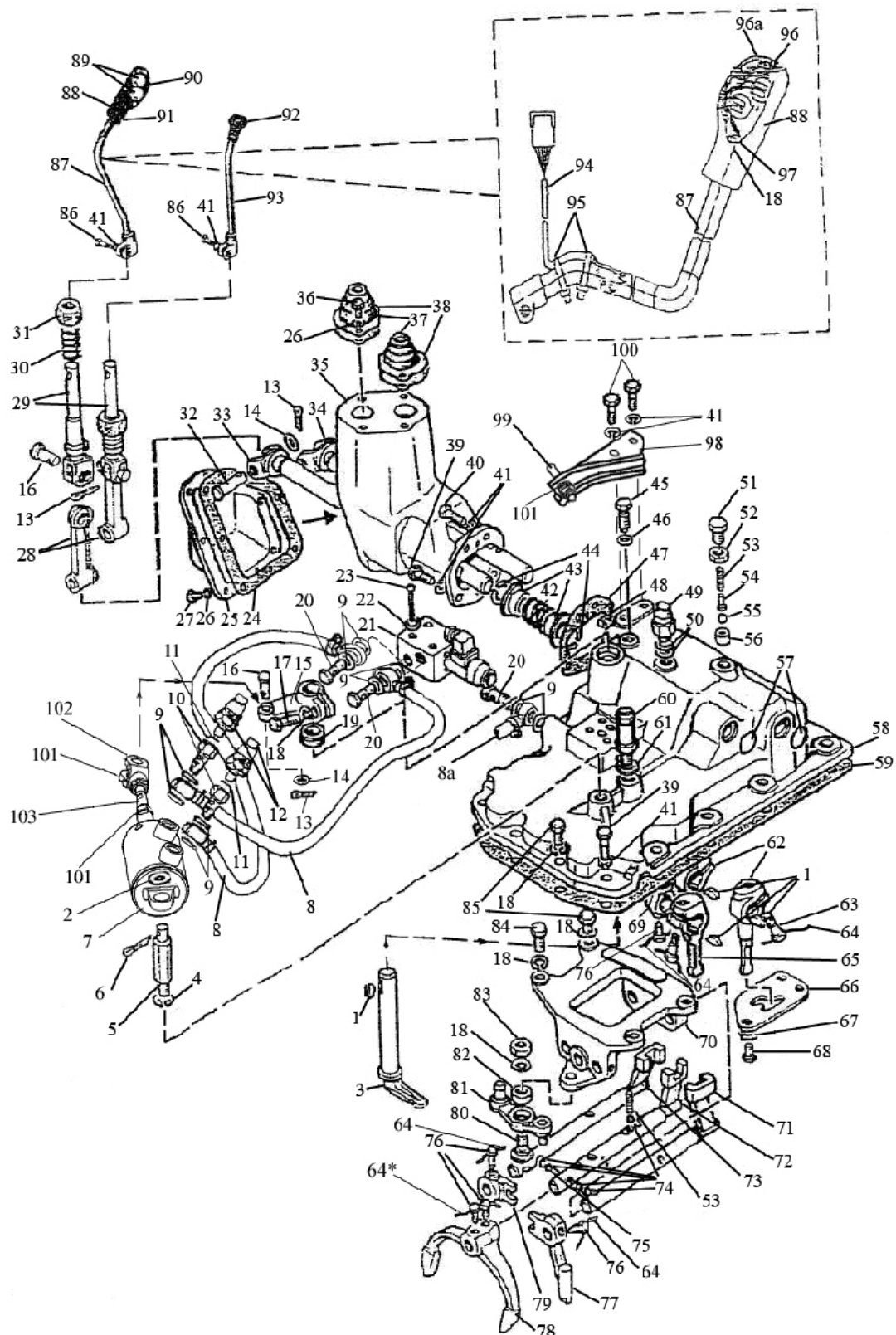


Fig. 17.7. Gearbox control mechanism

Group 17. Gearbox
Subgroup 1702. Gearbox control mechanism

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.7		1222-1702010-01	1	Control mechanism
		1222-1702080	1	Fork body (18-1 off, 53-1 off, 64 (2x200+200*=600 mm), 70-83)
	1	6x10	4	Key
	2	ШЧ16	1	Washer
	3	1222-1702093	1	Lever
	4	ШП16	1	Washer
	5	1222-1702096	1	Axle
	6	3,2x25	1	Cotter pin
	7	2102-4216110-Б	1	Cylinder
	8	1222-1702130	2	Oil pipeline
	8a	1222-1702130-01	1	Oil pipeline
	9	Д18-055-А	10	Seal ring
	10	1222-1702114	2	Union
	11	009-012-19-1-4	2	Ring
	12	ДСДМ-М	2	Sensor
	13	3,2x18	5	Cotter pin
	14	85-4619014	3	Washer
	15	1222-1702092	1	Lever
	16	12x32	3	Pin
	17	M12x35	1	Bolt
	18	ШП12	8	Washer
	19	2.2-25x42-1	1	Collar
	20	Д18-051	3	Bolt
	21	RH 06101-012/00GA-AMP	1	Hydraulic distributor
	22	ШП5	4	Washer
	23	B.M5x50	4	Screw
	24	80-1702068	1	Gasket
	25	80-1702067	1	Cover
	26	ШП6	11	Washer
	27	M6x16	7	Bolt
	28	80C-1702073	2	Lever
	29	80C-1702074	2	Fork
	30	77.37.117	2	Spring
	31	142-1702032	2	Sphere
	32	12x55	2	Pin
	33	1222-1702070	1	Shaft
	34	80C-1702060	1	Shaft
	35	80-1702078-A	1	Housing
	36	M6x20	4	Bolt
	37	55-47-569-A	2	Boot
	38	80C-1702075	2	Washer
	39	M10x35	14	Bolt
	40	M10x40	2	Bolt
	41	ШП10	20	Washer
	42	80-4608057	1	Spring
	43	1222-1702064	2	Bushing
	44	C25	2	Ring
	45	1222-1702048	1	Screw
	46	85-1702051	1	Washer
	47	80C-1702066	1	Gasket
	48	8x16	2	Pin
	49	BK 12-41	1	Switch

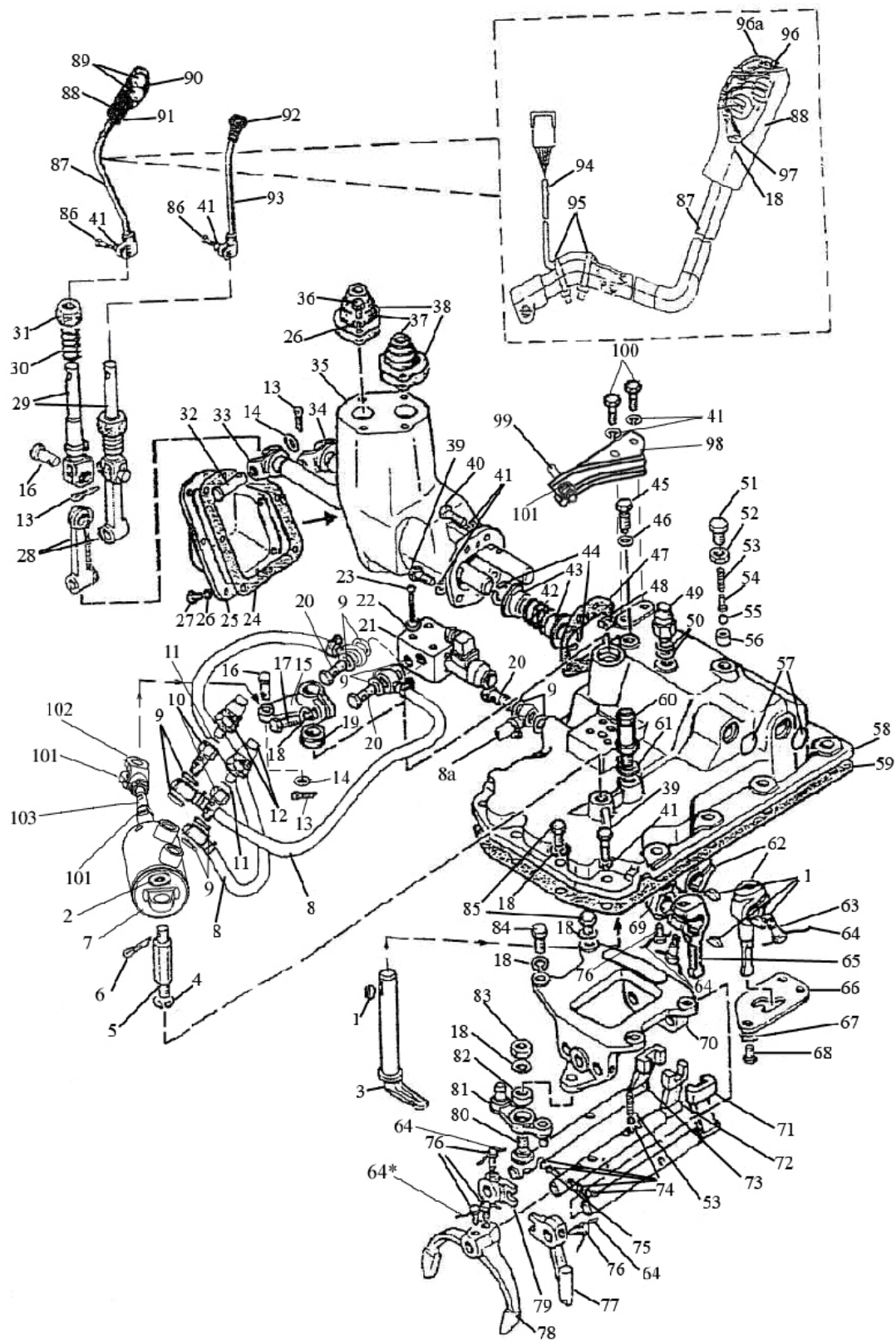


Fig. 17.7. Gearbox control mechanism

Group 17. Gearbox
Subgroup 1702. Gearbox control mechanism

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.7	50	50-1702048	10	Adjusting shim
	51	70-1703204	1	Bolt
	52	M16	1	Nut
	53	50-1702148-A	2	Pawl spring
	54	80-1704039	1	Guide
	55	10,0-60	1	Ball
	56	70-1703013	1	Bushing
	57	28-10	2	Choke
	58	1222-1702030	1	Cover
	59	85-1702026	1	Gasket
	60	85-1702270	1	Breather
	61	B50-3522023	1	Gasket
	62	85-1702055	2	Lever
	63	80-1702108	3	Bolt
	64	1,6-O-C	1	Wire
	65	1222-1702055	1	Lever
	66	1222-1702052	1	Link
	67	80-3401013	3	Washer
	68	M10x20	3	Bolt
	69	1222-1702074	1	Bushing
	70	1222-1702081	1	Housing
	71	1222-1702084	1	Dog
	72	1222-1702086	1	Dog
	73	1222-1702083	1	Dog
	74	9,922-100	5	Ball
	75	85-1702301	1	Axle
	76	220-1702061	5	Bolt
	77	1222-1702109	1	Dog
	78	1222-1702091	1	Fork
	79	1222-1702107	1	Limiter
	80	1222-1702112	1	Axle
	81	1222-1702105	1	Rocker
	82	941/20	1	Bearing
	83	M12	1	Nut
	84	M12x30	2	Bolt
	85	50-1702092	4	Bolt
	86	M10x30	2	Bolt
	87	1222-1702610-A1	1	Lever
	88	75-1702505	1	Handle
	89	BK 12-1	2	Switch
	90	4x30 State Standard (ГОСТ) 10621-80	4	Screw
	91	75-1702502	1	Cover
	92	A15.05.020	1	Handle
	93	2022-1702500-A	1	Lever
	94	1221-3724925-A	1	Bundle
	95	80-3723045	2	Collar
	96	АП 307 KM A0.336.076 TY (red)	1	LED
	96a	АП 307ЧМ A0.336.076 TY (yellow)	1	LED

	97	M12x1,25-6H.6.019 State Standard (ГОСТ) 5915-70	1	Nut
	98	2022-1702090	1	Bracket

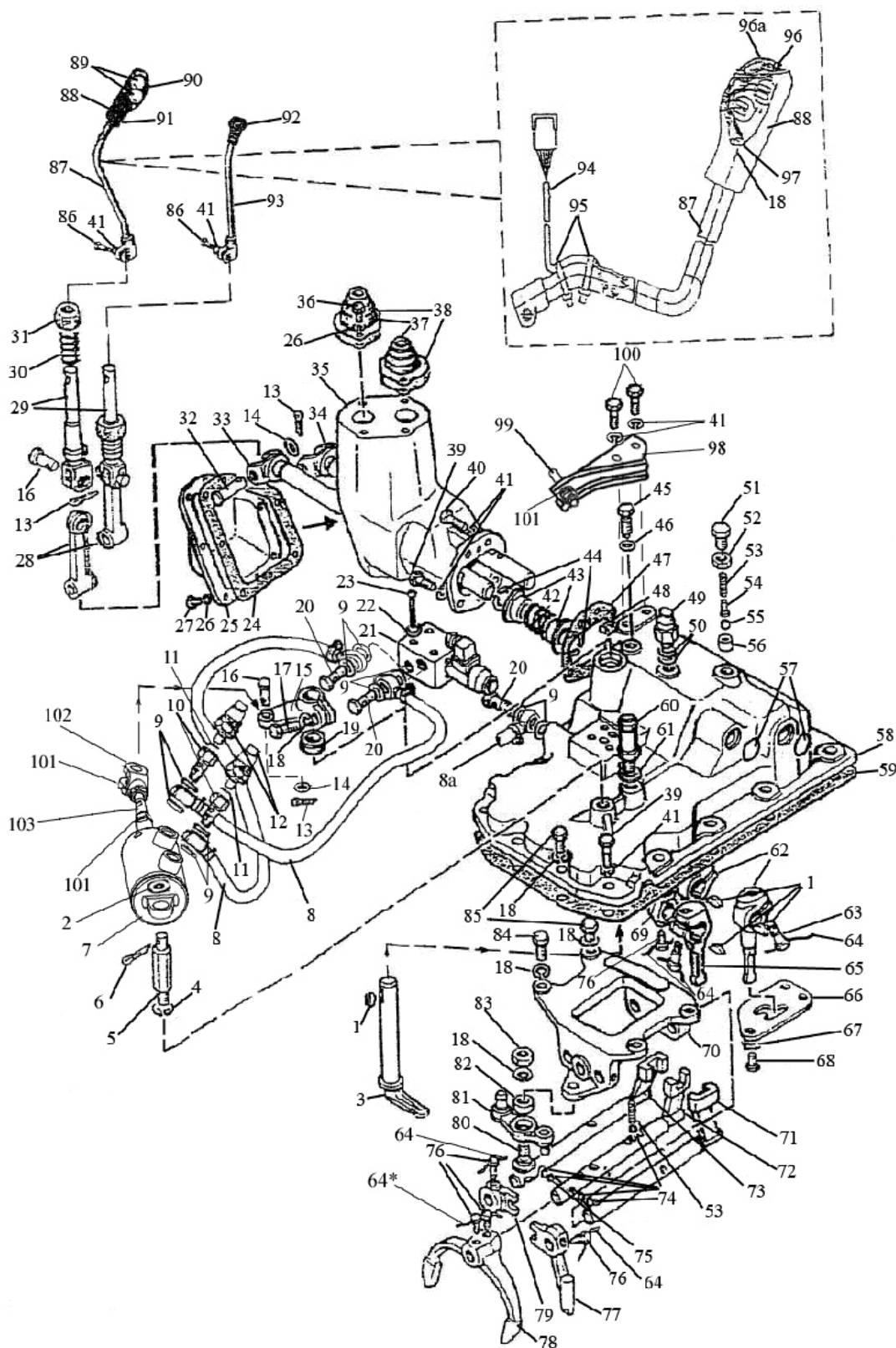


Fig. 17.7. Gearbox control mechanism

Group 17. Gearbox
Subgroup 1702. Gearbox control mechanism

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.7	99	2022-1702093	1	Bolt
	100	M10x25	2	Bolt
	101	M10	3	Nut
	102	822-3502203	1	Fork
	103	2022-1702094	1	Pin

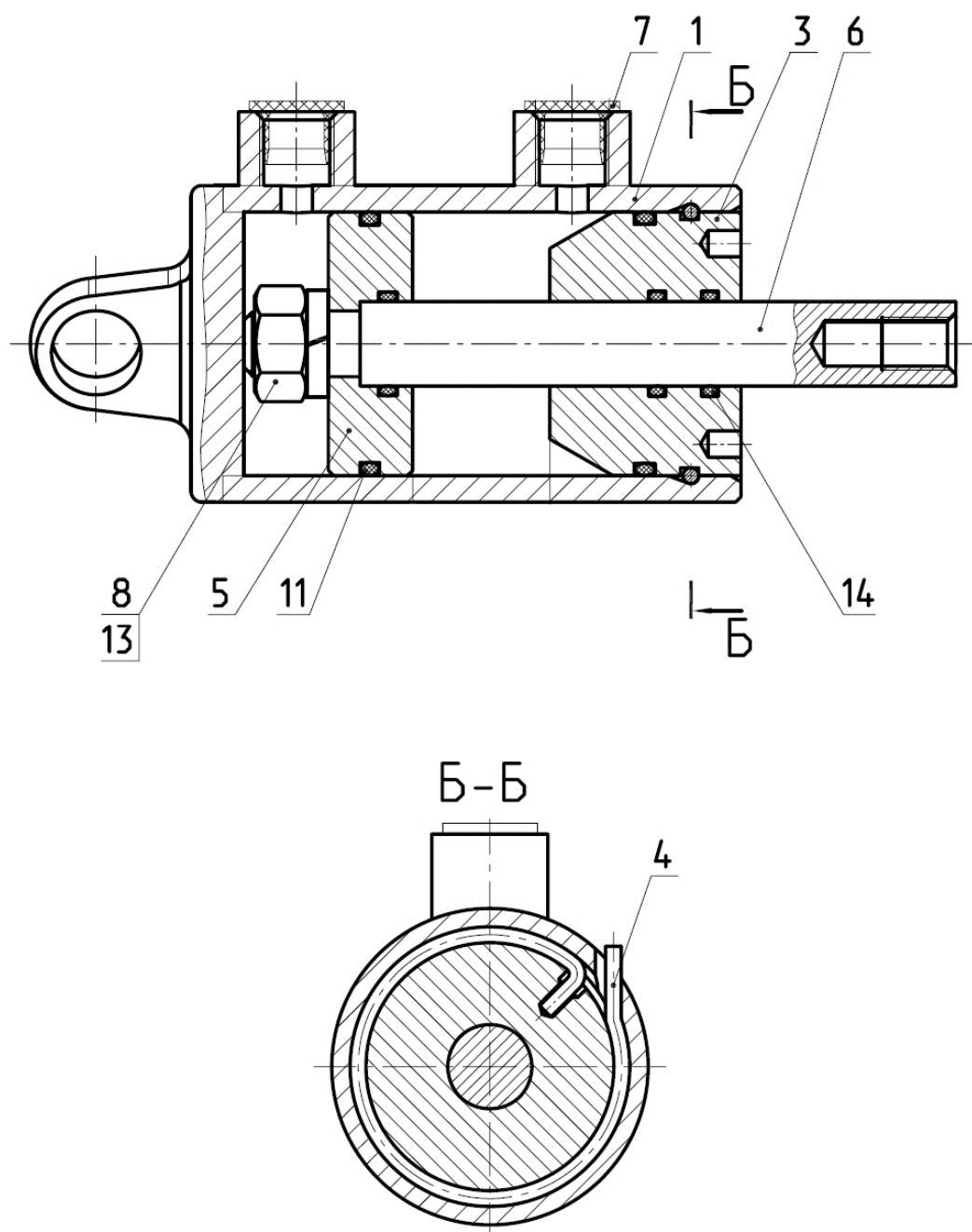


Fig. 17.8. Cylinder

**Group 17. Gearbox
Subgroup 1702. Cylinder**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.8		2102-4216110-Б	1	Cylinder
	1	80-4216115-01	1	Body
	3	80-4216116	1	Cover
	4	80-4216117	1	Pin
	5	80-4216118	1	Piston
	6	80-4216119-Б	1	Rod
	7	80-3405038	2	Auxiliary plug
	8		1	Nut M12-6H.5.019 State Standard (ГОСТ) 5915-70
	11		2	Ring 045-050-30-2-2 State Standard (ГОСТ) 18829-73/State Standard (ГОСТ) 9833-73
	13		1	Washer 12 OT Branch Standard (OCT) 37.001.115-75
	14		3	Ring 15,54x2,62 DBS/AS MS29513 or 016-020-25-1-4 State Standard (ГОСТ) 18829-73/ State Standard (ГОСТ) 9833-73

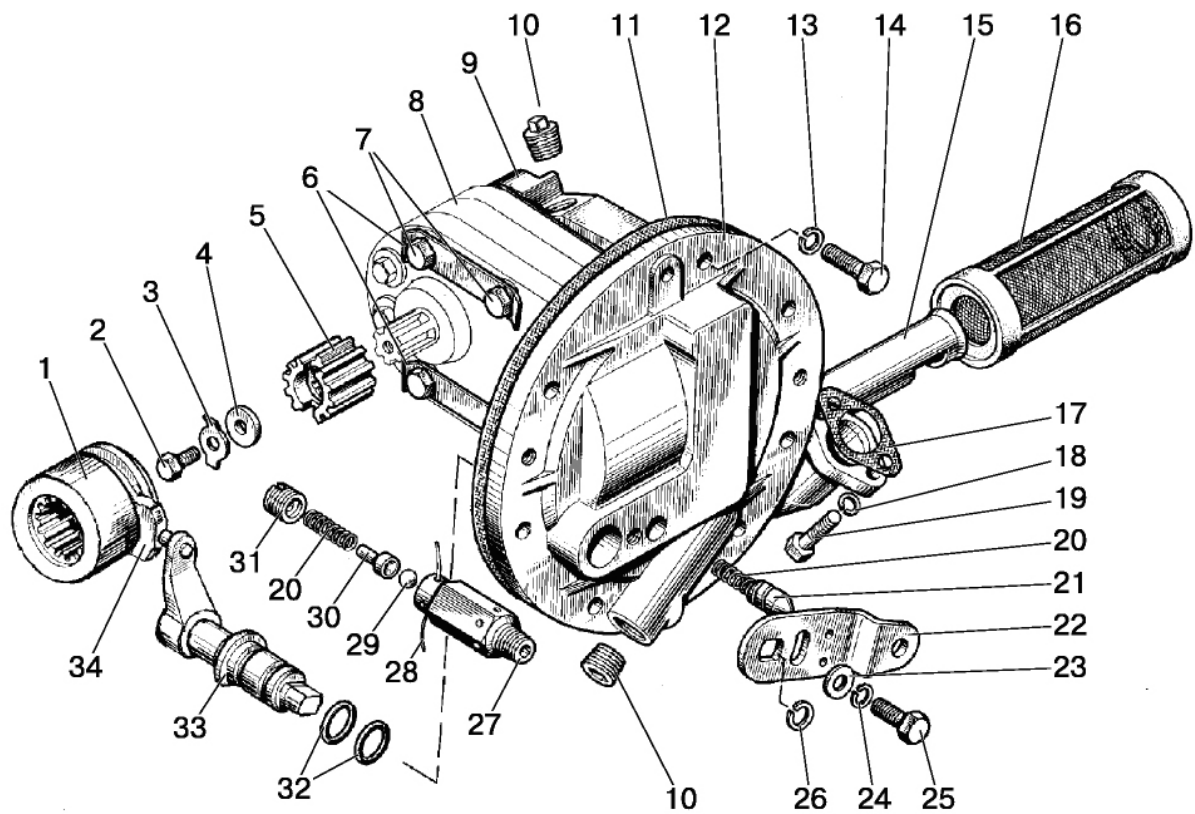


Fig. 17.9. Pump drive

**Group 17. Gearbox
Subgroup 1704. Pump drive**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.9		1222-1704010	1	Pump drive (1-10,12,15-34)
		80-1704040	1	Valve (20, 27-31)
	1	80C-1704096-Б	1	Toothed coupling
	2	M8x20	1	Bolt
	3	80-1704034	1	Washer
	4	85-1601108	1	Washer
	5	80-1704014-Б	1	Bushing
	6	80-1704092	2	Plate
	7	M12x75	4	Bolt
	8	HMШ 25	1	Gear pump
	9	80-1704093	1	Gasket
	10	ПК КГ 3/8"	2	Plug
	11	80-1704016	1	Gasket
	12	1222-1704015	1	Housing
	13	ШП 10	7	Washer
	14	M10x30	7	Bolt
	15	80-1704030	1	Oil pipeline
	16	80-1704050-A	1	Filter
	17	80-1704033	1	Gasket
	18	ШП 18	2	Washer
	19	M8x30	2	Bolt
	20	50-1702148-A	2	Spring
	21	80-1704037	1	Pawl
	22	80-1704018	1	Plate
	23	ШЧ 10	1	Washer
	24	ШП 10	1	Washer
	25	M10x25	1	Bolt
	26	B18	1	Ring
	27	80-1704041	1	Housing
	28	1x100	1	Wire
	29	10,0-60	1	Ball
	30	80-1704039	1	Guide
	31	80-1704038	1	Plug
	32	020-025-30-1-4	2	Ring
	33	80-1704020-Б	1	Roller
	34	80-1704021	1	Block

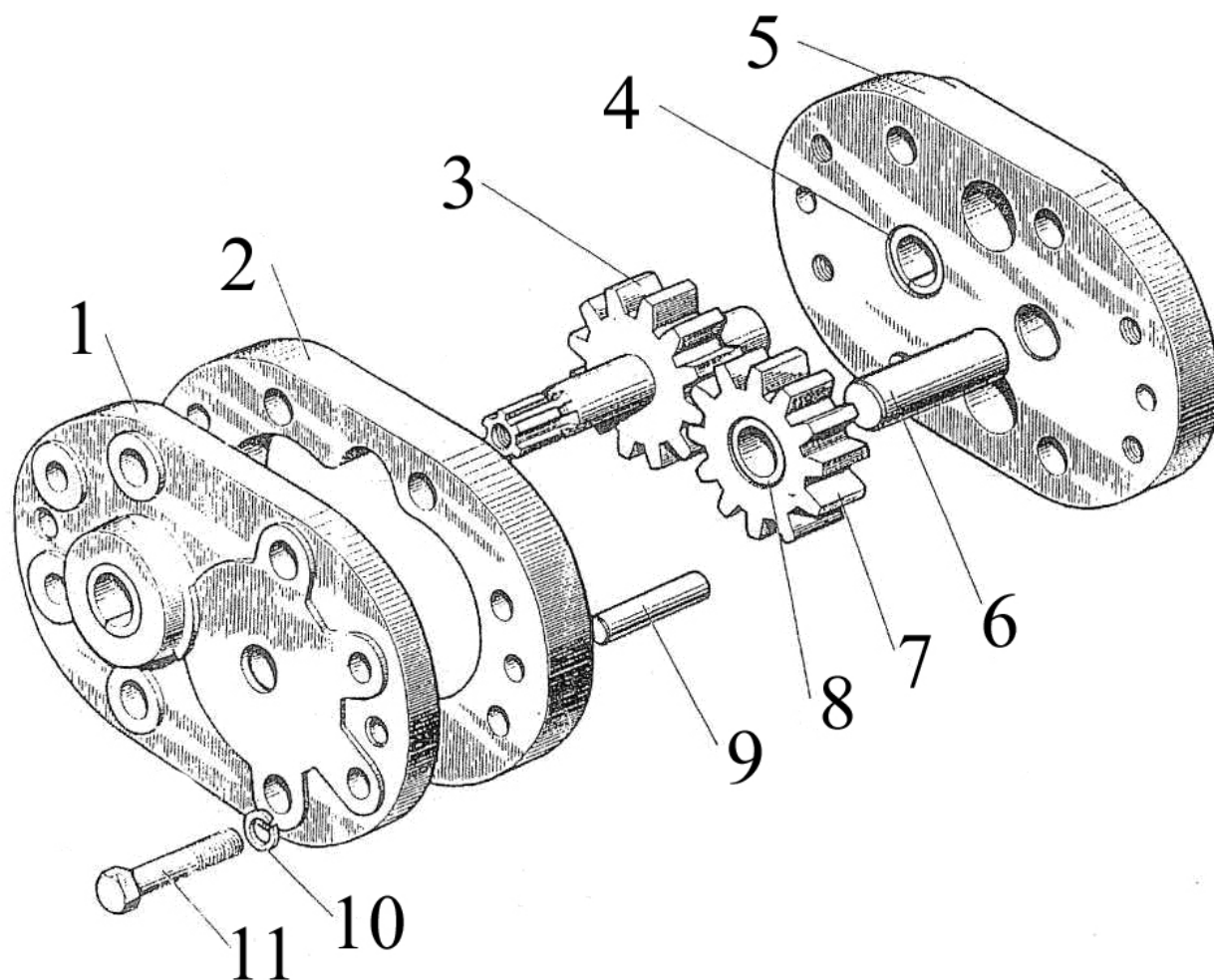


Fig. 17.10. Oil gear pump

Group 17. Gearbox
Subgroup HMШ-25. Oil gear pump

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.10		HMШ 25	1	Gear pump (1-11)
		HMШ 25-01-00	1	Bottom cover (4,5)
		HMШ 25-02-00	1	Top cover (1,4)
		HMШ 50-03-00	1	Driven gear (7,8)
	1	HMШ 25-02-01	1	Top cover
	2	HMШ 25-00-01	1	Housing
	3	HMШ 25-00-02	1	Drive gear
	4	HMШ 25-01-02	2	Split bushing
	5	HMШ 25-01-01	1	Bottom cover
	6	ЧМШ 25-04-01	1	Axle
	7	HMШ 50-03-01	1	Driven gear
	8	ЧМШ 50-03-02	1	Bushing
	9	HMШ 10x45	2	Pin
	10	ШП 10	4	Washer
	11	M10x45	4	Bolt

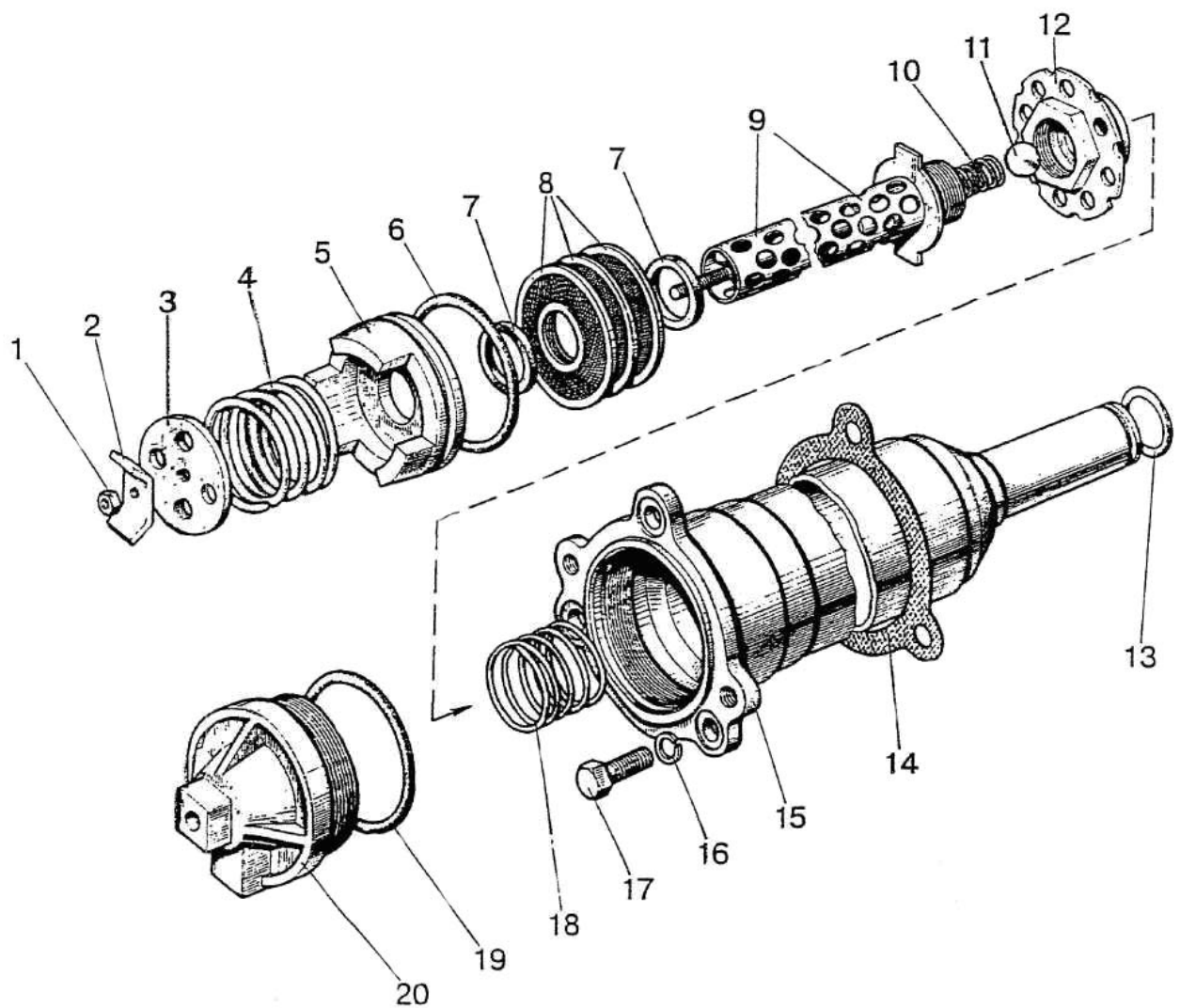


Fig. 17.11. Filter

**Group 17. Gearbox
Subgroup 1716. Filter**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.11		80-1716010	1	Filter (1-13, 15,18-20)
		80-1716040	1	Filter pipe (9-12)
		80-1716030	1	Filter (2-5, 7-13)
	1	M5	1	Nut
	2	80-1716033	1	Cramp
	3	80-1716032	1	Washer
	4	80-1716034	1	Spring
	5	80-1716031	1	Piston
	6	059-065-36-2-4	1	Ring
	7	80-4608024	2	Ring
	8	80-1716080	45	Filter element
	9	80-1716050	1	Pipe
	10	80-1716041	1	Spring
	11	15.081-100	1	Ball
	12	80-1716060	1	Housing
	13	022-025-19-1-4	1	Ring
	14	80-1716016	1	Gasket
	15	80-1716020	1	Bowl
	16	ШП10	3	Washer
	17	M 10x25	3	Bolt
	18	80-1716018	1	Spring
	19	066-071-30-1-4	1	Ring
	20	80-1716015	1	Cover

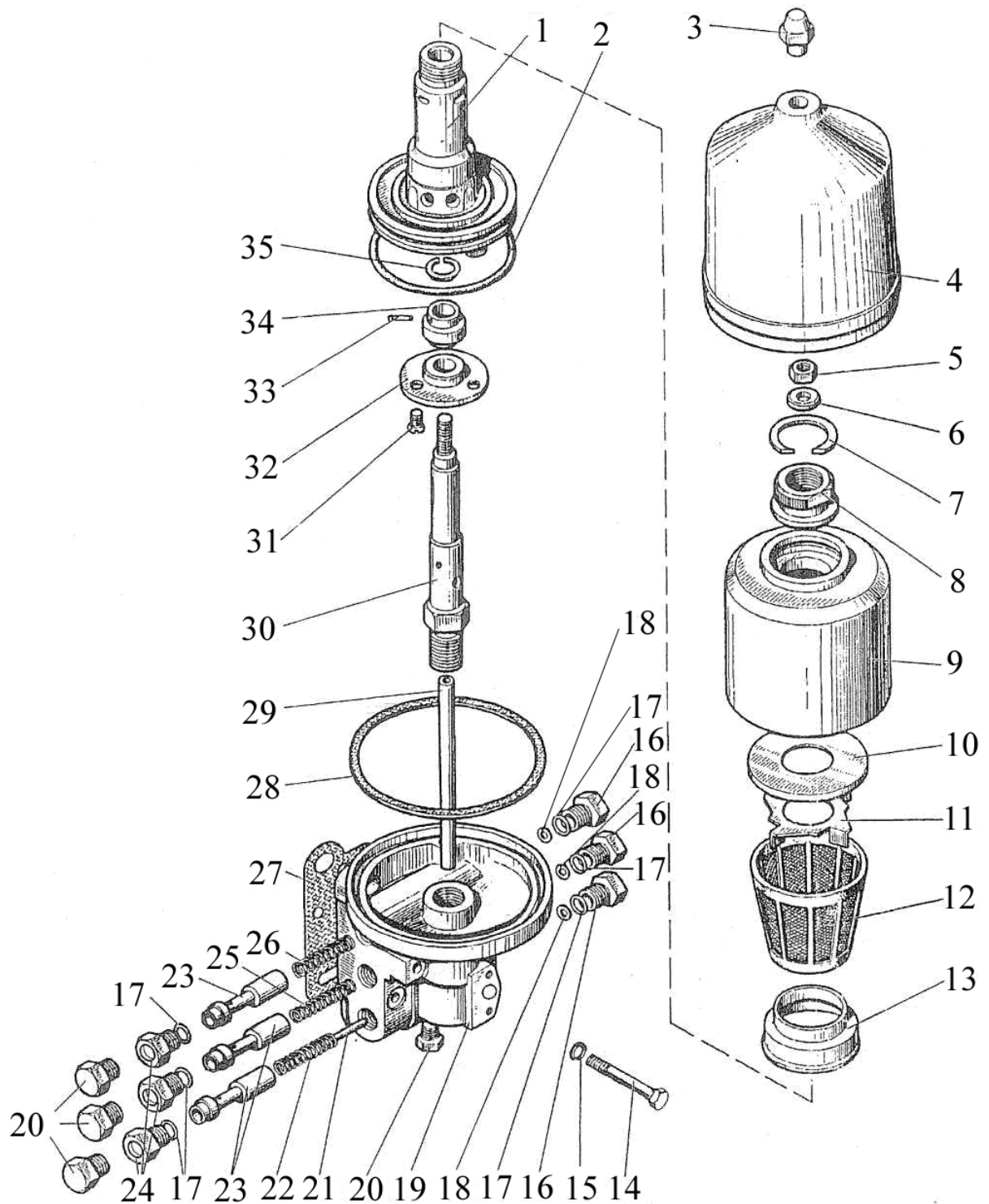


Fig. 17.12. Distributing filter

**Group 17. Gearbox
Subgroup 1737. Distributing filter**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
17.12		80-1737110	1	Distributing filter (1-13, 16-35)
		80-1028020	1	Rotor with shaft (1, 2, 5, 29-35)
		240-1404030-A	1	Rotor cage (7-9)
		80-1028080	1	Rotor shaft (29, 30, 32-35)
	1	240-1404017-B	1	Rotor body
	2	115-120-30-2-1	1	Ring
	3	240-1404068	1	Hood nut
	4	240-1404027	1	Filter hood
	5	M12x1,25	1	Nut
	6	Д37А-1407607-B	1	Lock washer
	7	240-1404033	1	Lock ring
	8	240-1404035-A	1	Special nut
	9	240-1404023	1	Rotor cage
	10	240-1404113	1	Cover
	11	240-1404024	1	Rotor impeller
	12	240-1404110	1	Filter screen
	13	240-1404049	1	Internal sleeve
	14	M10x70	4	Bolt
	15	ШП 10	4	Washer
	16	50-1404075	3	Valve plug
	17	1221-1737126	6	Valve gasket
	18	ШЧ 5	*	Washer
	19	80-1737111	1	Bowl
	20	КГ1/8"	4	Plug
	21	6h11x45	1	Pin
	22	70-4801045	1	Spring
	23	80-1737117	3	Valve
	24	1221-1737114	3	Plug
	25	80-1737113	1	Spring
	26	80-1737118	1	Spring
	27	80-1737112	1	Gasket
	28	50-1404059-B1	1	Hood gasket
	29	240-1404013-B	1	Tube
	30	240-1404012-B	1	Rotor shaft
	31	BM6x14,58	3	Screw
	32	240-1404019-B	1	Bowl cover
	33	240-1404028	1	Pin
	34	80-1028090	1	Nozzle
	35	240-1404118	1	Ring

* As required

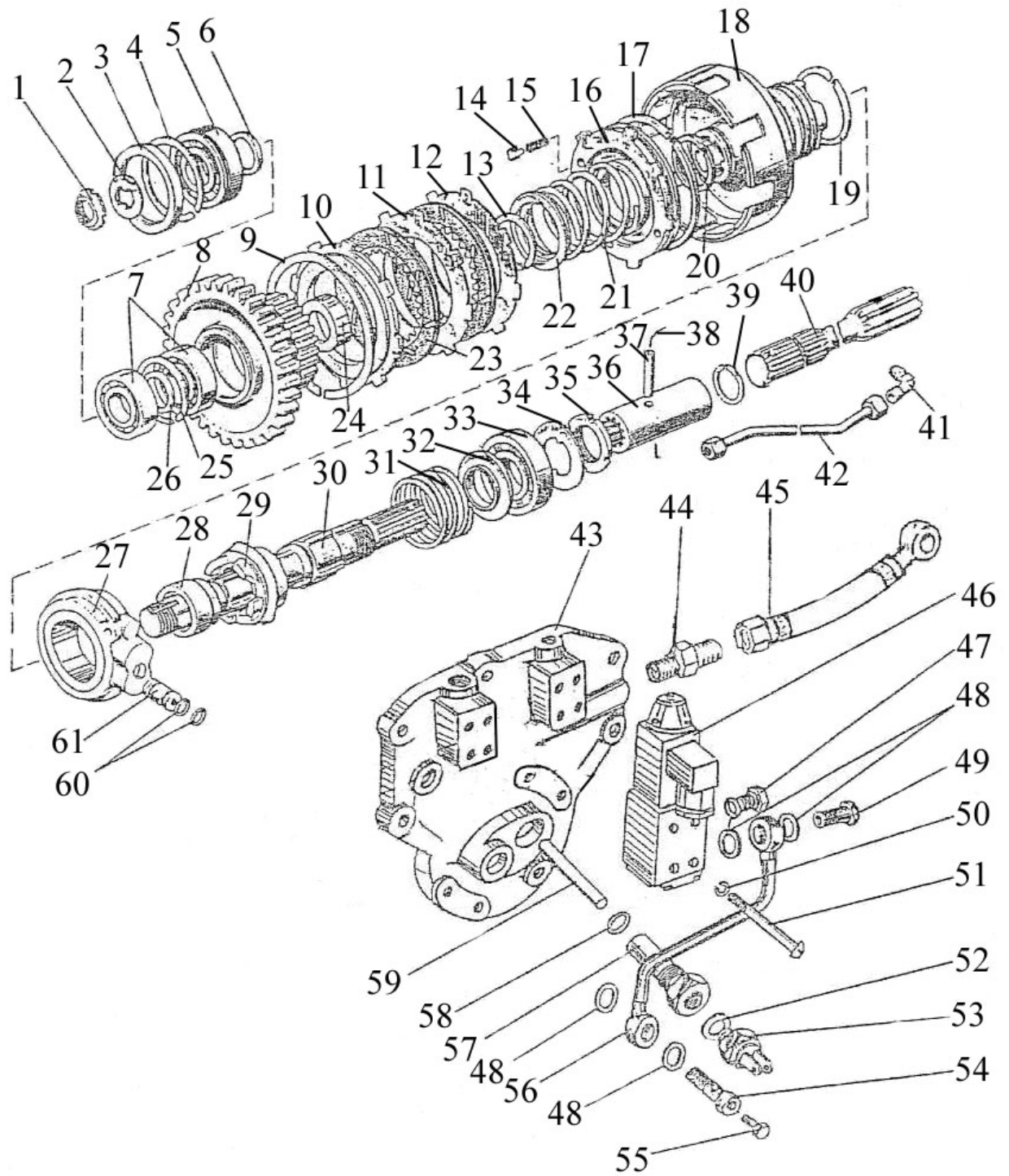


Fig. 18.1. Front driving axle drive

Group 18. Front driving axle drive
Subgroup 1802. Front driving axle drive

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
		2022-1802030	1	Friction clutch (2022-1802040, 9-24, 27)
		2022-1802040	1	Gear (7,8,25,26)
		2022-1802065	1	Shaft (30, 32-38)
	1	1221-1802023	1	Nut
	2	1221-1802019	1	Washer
	3	2022-1802024	1	Ring
	4	C90	1	Ring
	5	50406	1	Bearing
	6	86-1802043	1	Washer
	7	206A	2	Bearing
	8	2022-1802041	1	Gear
	9	C135	1	Ring, State Standard (ГОСТ) 13941
	10	86-1802034	1	Interlocking disk
	11	86-1802032*	3-4	Driven plate S=1.8 mm
	12	1221-1802032*	3-4	Driven plate S=2 mm
	13	C48	1	Ring
	14	86-1802039	2	Guide
	15	86-1802048	2	Spring
	16	1221-1802031	1	Piston
	17	86-1802047	1	Ring
	18	1221-1802036	1	Drum
	19	86-1802083-A	2	Ring
	20	1221-1802333	1	Ring
	21	86-1802038	1	Spring
	22	86-1802046	1	Sleeve
	23	86-1802035-A	7	Driving plate
	24	2022-1802044	1	Bushing
	25	C62	1	Ring
	26	86-1802049	1	Ring
	27	1221-1802025	1	Fixture
	28	86-1802028	1	Bushing
	29	8020-1802026	1	Semi-clutch
	30	2022-1802013	1	Shaft
	31	86-1802027	1	Spring
	32	86-1802051	1	Washer
	33	207	1	Bearing
	34	86-1802052	1	Washer
	35	52-2308097	1	Nut
	36	86-1802014-Б	1	Bushing
	37	A.8x40.65Г	1	Pin
	38	1,6-O-C	1	Wire L=180 mm
	39	86-1802017-Б	1	Ring
	40	1221-1802042	1	Shaft
	41	86-1802088	1	Angle piece

* To be selected

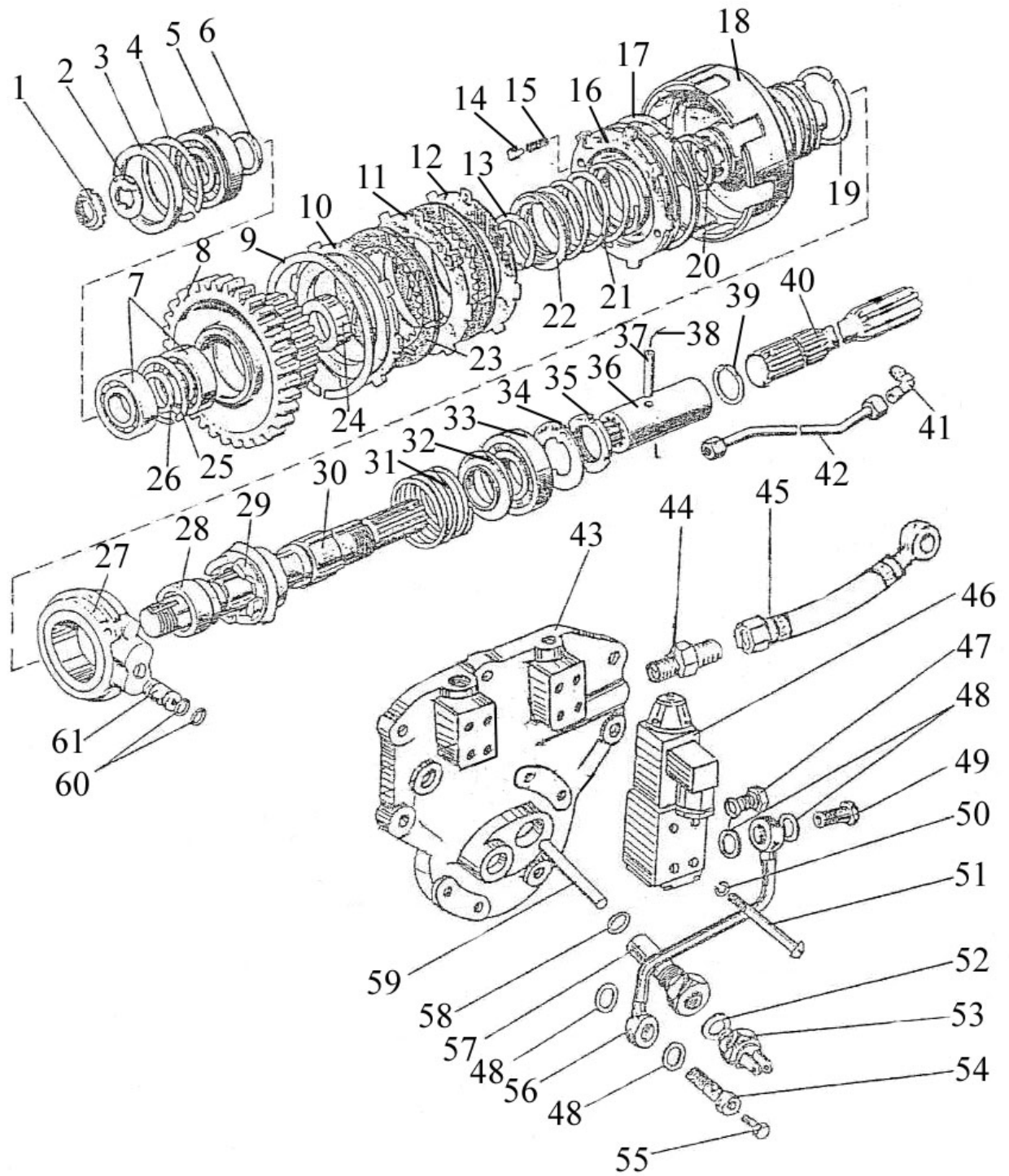


Fig. 18.1. Front driving axle drive

Group 18. Front driving axle drive
Subgroup 1802. Front driving axle drive

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
18.1	42	86-1802055	1	Pipeline
	43	1221-1802016	1	Cover
	44	2022-2401515	1	Union
	45	2022-2401530	1	Oil pipeline
	46	RH6101-012/00 GA-AMP or 1PGE-GT/3.574E.Г12.01	1	Hydraulic distributor
			1	Hydraulic distributor
	47	1221-1802091	2	Threaded plug
	48	Д18-055-A	6	Seal ring
	49	Д18-051	1	Bolt
	50	ШП 5	8	Washer
	51	M5x50	8	Screw
	52	50-1702048	*	Gasket
	53	BK12-51	1	Switch
	54	1520-1802088	1	Bolt
	55	КГ1/8"	1	Plug
	56	1221-1802050	1	Pipeline
	57	8020-1802018	1	Guide
	58	019-022-19-2-2	1	Ring
	59	8020-1802029	1	Pusher
	60	011-016-30-2-4	2	Ring
	61	1221-1802054	1	Bushing

* To be selected

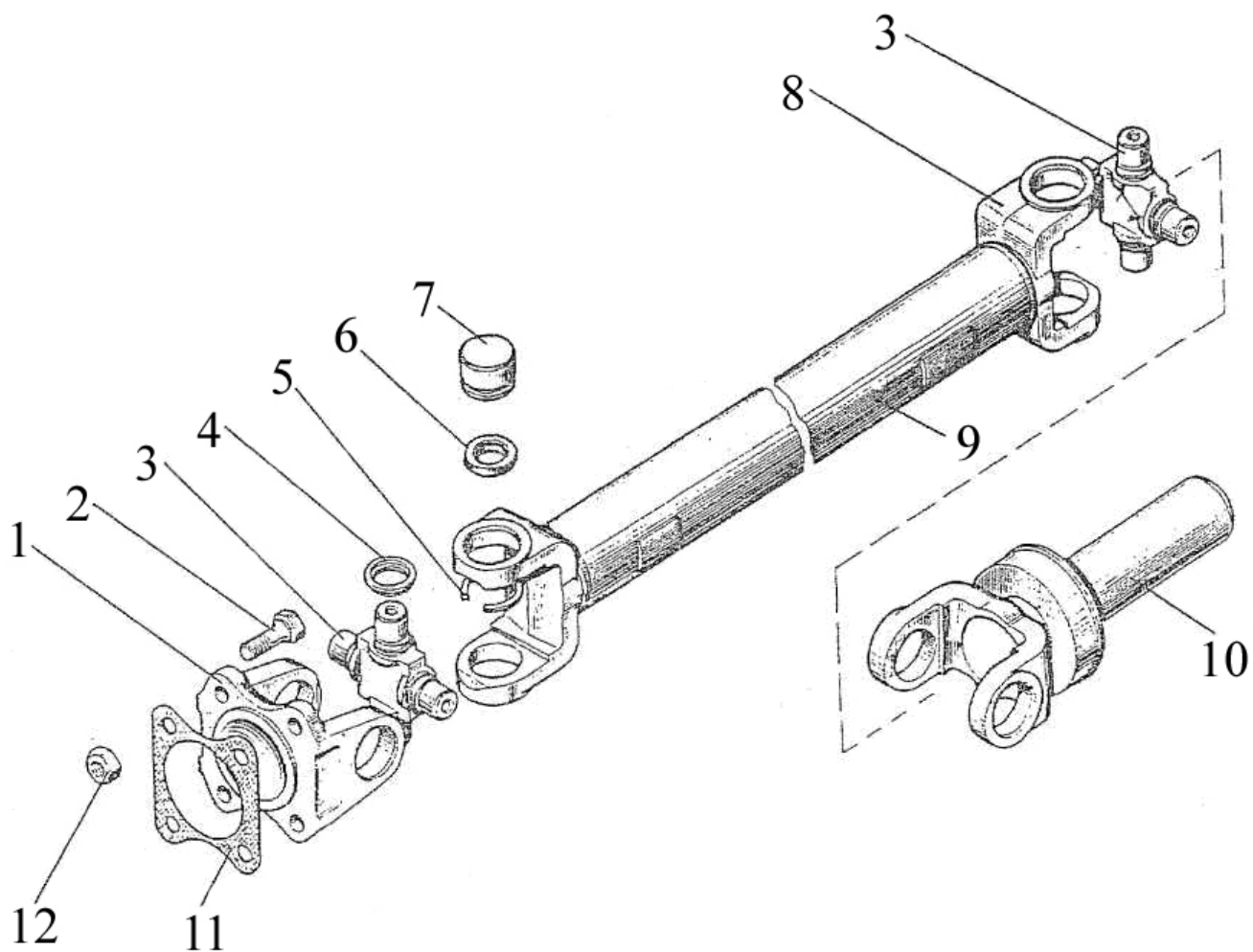


Fig. 22.1. Universal-joint drive

Group 22. Universal-joint drive.
Subgroup 2203. Universal-joint drive

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
22.1		112-2203010	1	Universal-joint shaft
		72-2203025PH	1	Spider with bearings (3,4,6,7)
	1	72-2203023	1	Flange
	2	52-2203012-01	4	Bolt
	3	72-2203030-01	2	Spider
	4	3102-2201037	8	Deflector
	5	34-2201043	8	Locking ring
	6	69-2201031-A	8	Collar
	7	704702K3C10	8	Bearing
	8	72-2203022	2	Fork
	9	112-2203018	1	Pipe
	10	86-2203047	1	Sliding fork
	11	20-2201024	1	Gasket
	12	M10x1-8 DIN EN ISO 10511-98	4	Nut

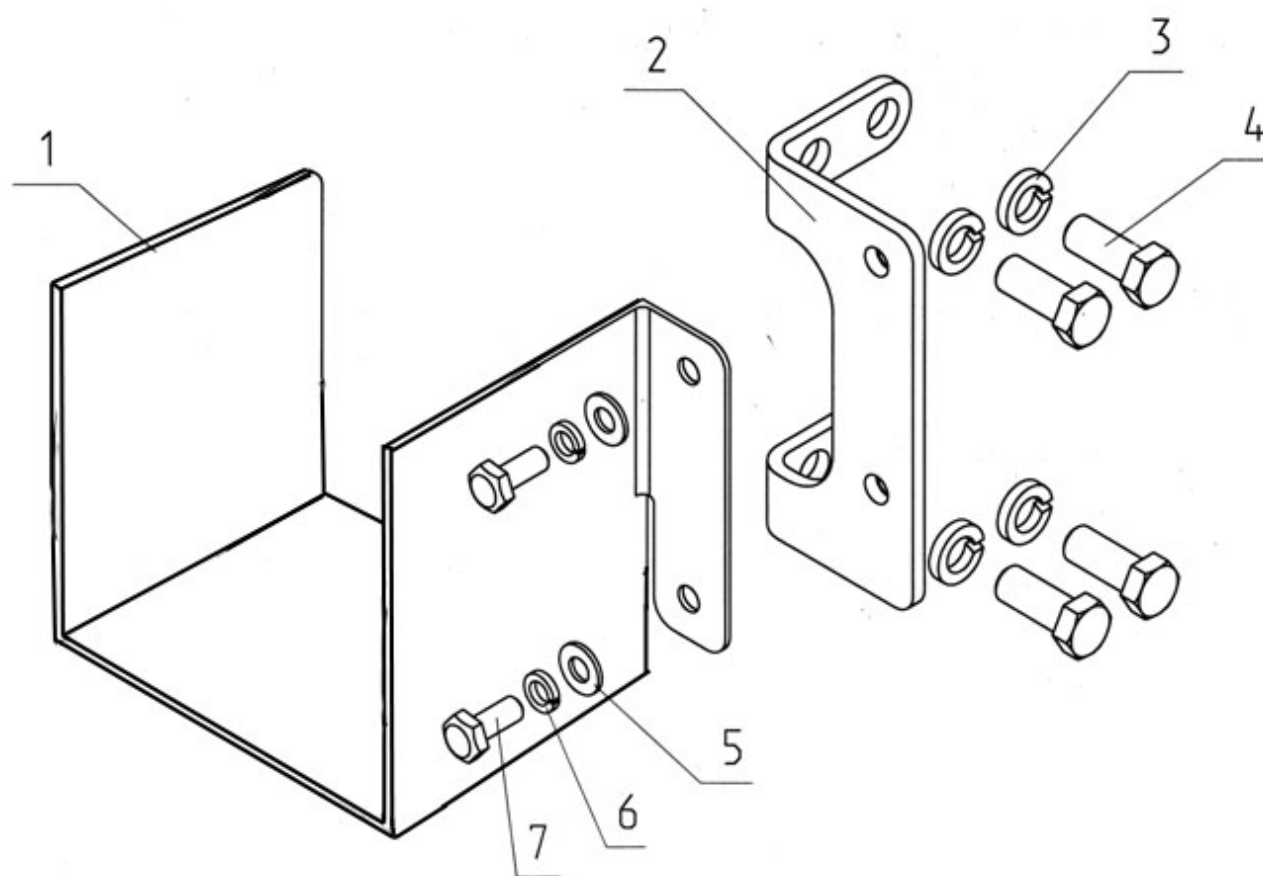


Fig. 22.2. Guard

**Group 22. Universal-joint drive
Subgroup 2203. Guard**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
22.2	1	2022-2210012	1	Housing
	2	2022-2210015	1	Bracket
	3	12OT	4	Washer
	4	M12x25	4	Bolt
	5	C8	2	Washer
	6	8T	2	Washer
	7	M8x20	2	Bolt

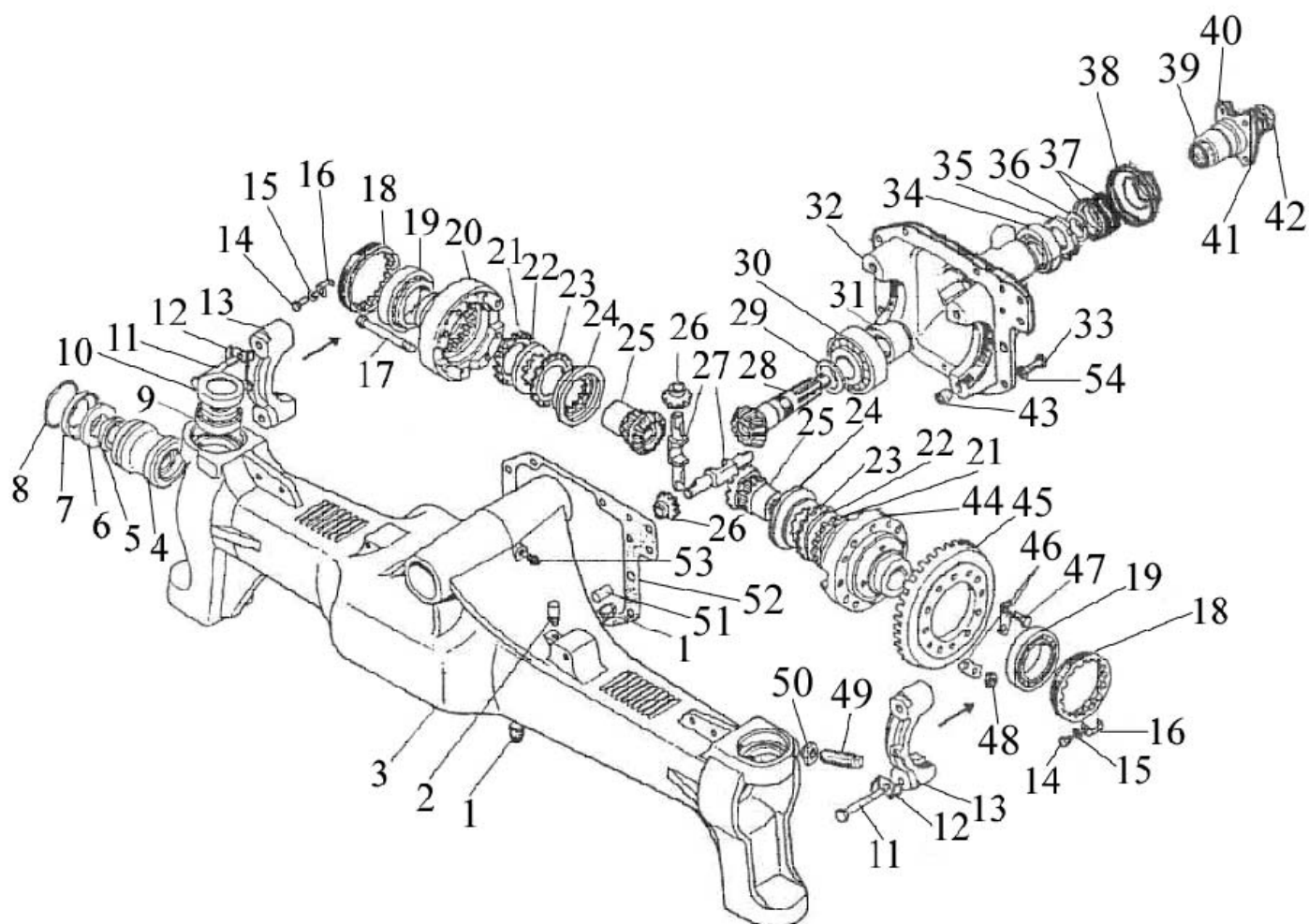


Fig. 23.1. Front driving axle. Central reduction gear

Group 23. Front driving axle
Subgroup 2300, 2303. Front driving axle. Central reduction gear

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
23.1		1525-2301110	1	Fixture (4-8)
		1525-2302020-01	1	Casing (11-13,32,56)
		1524-2302010	1	Central reduction gear (11,61)
	1	ПК КГ3/4"	2	Plug
	2	Mintor TSSOG1.8'	1	Breather
	3	1525-2301010-01	1	Axle casing
	4	1525-2301130	2	Fixture
	5	2.2-45x65.1	2	Collar
	6	1525-2301122	2	Ring
	7	1525-2301121	2	Fixture
	8	075-080-30-2-4	2	Ring
	9	27307A	4	Bearing
	10	1520-2308039	4	Sleeve
	11	M12x90	4	Bolt
	12	1525-2302024	4	Plate
	13	1525-2302022	2	Bearing housing
	14	M8x14	2	Bolt
	15	8 OT	2	Washer
	16	1525-2302016	2	Stop
	17	1525-2303026	8	Bolt
	18	1525-2302018	2	Nut
	19	263212A	2	Bearing
	20	1525-2303014	1	Box
	21	52-2303023-A1	2	Disk
	22	52-2303024-01	2	Disk
	23	52-2303023-A1-01	2	Disk
	24	52-2303021	2	Cup
	25	1525-2303017	2	Pinion
	26	52-2303018	4	Satellite
	27	52-2303019	2	Axle
	28	1525-2302015	1	Pinion
	29	1525-2302012	1	Washer
	30	7609A	1	Bearing
	31	1525-2302017	1	Distance bushing
	32	1524-2302021	1	Casing
	33	M12x30	16	Bolt
	34	7508A	1	Bearing
	35	1525-2302011	1	Nut
	36	1525-2302014	1	Washer
	37	2.2-55x82-1	2	Collar
	38	1525-2302071-Б	1	Mud trap
	39	035-040-30-1-4	1	Ring
	40	1525-2302078-Б	1	Flange
	41	1525-2302019	1	Washer

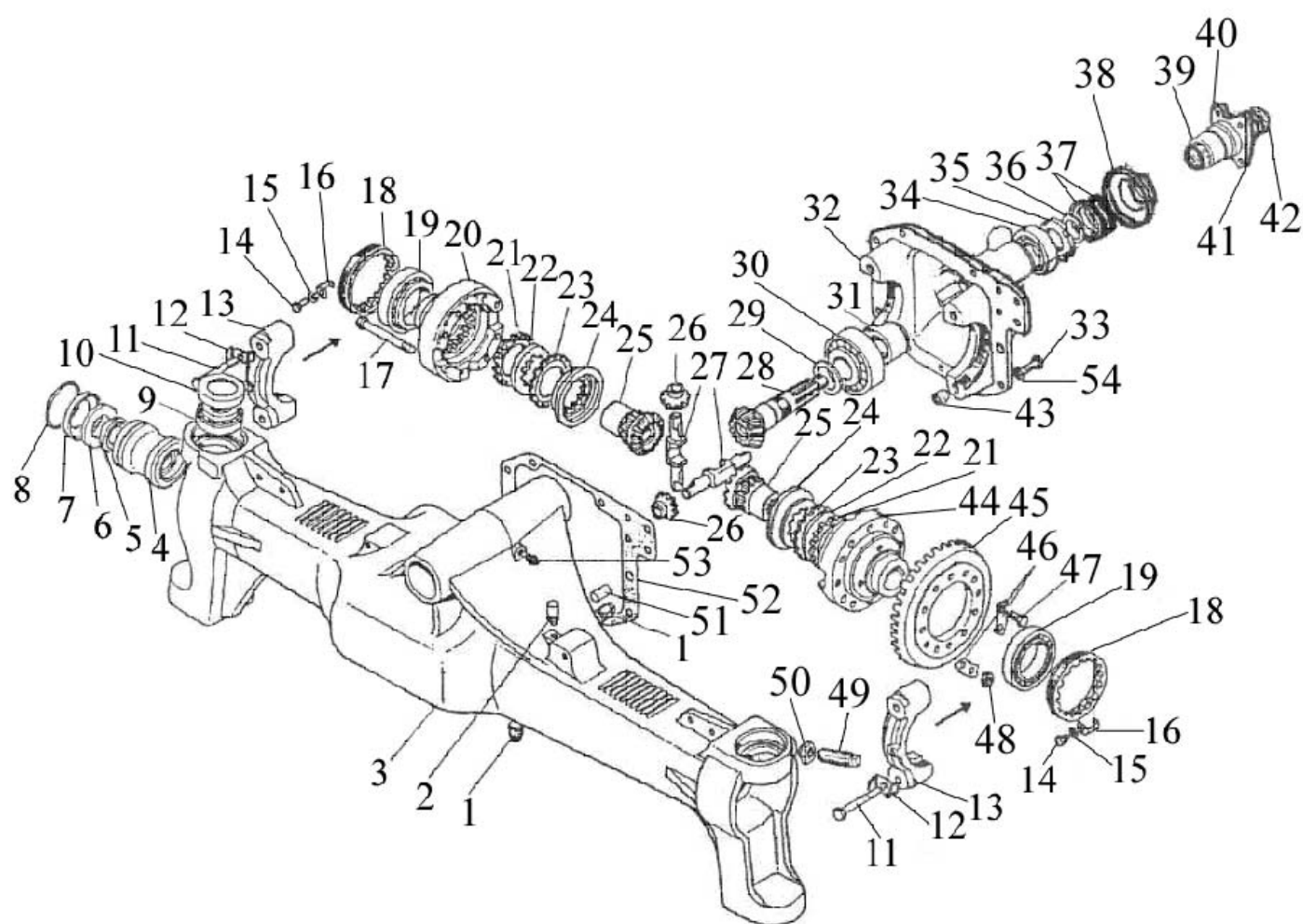


Fig. 23.1. Front driving axle. Central reduction gear

Group 23. Front driving axle
Subgroup 2300, 2303. Front driving axle. Central reduction gear

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
23.1	42	52-1802128	1	Nut
	43	1525-2302023	4	Bushing
	44	1525-2303015	1	Box
	45	1525-2303016	1	Gear
	46	1525-2303032	6	Plate
	47	50-1702092	4	Bolt
	48	1525-2303027	8	Nut
	49	1520-2308009	2	Screw
	50	85-3407113	2	Nut
	51	Д01-015	2	Pin
	52	1525-2301004	1	Gasket
	53	1.3Ц19	1	Lubricator
	54	12OT	12	Washer

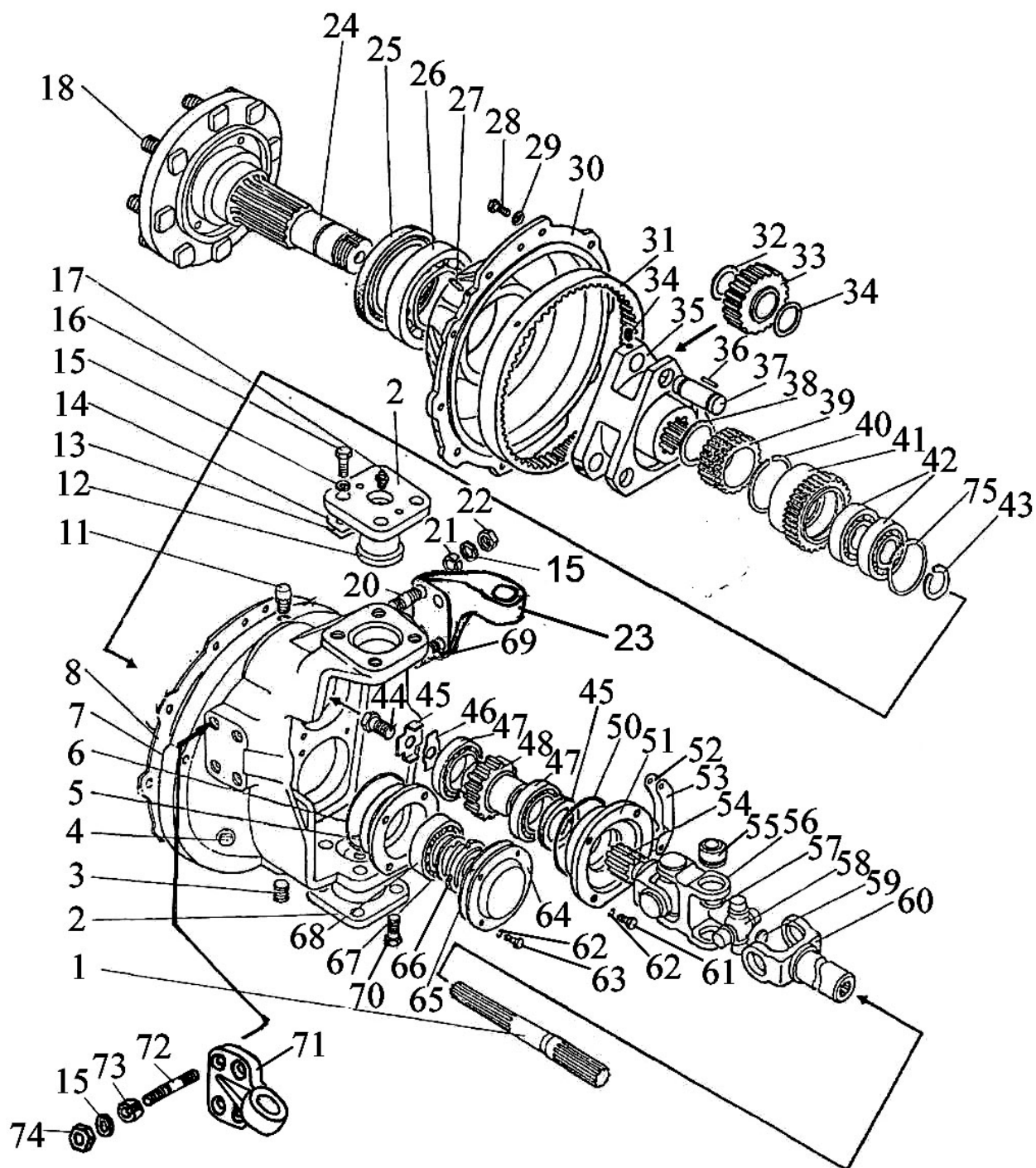


Fig. 23.2. Reduction gear of the final drive of the front driving axle (1524-2308005)

Group 23. Front driving axle
Subgroup 2300, 2303. Reduction gear of the final drive of the front driving axle

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
23.2		1524-2308005	1	Left-hand reduction gear (4-12, 20-68)
		1524-2308010	1	Right-hand reduction gear (4-12, 20-68)
		1525-2308024	2	Doubled universal joint (54-60)
		1525-2308040-02	2	Casing (8, 12, 43-62)
		1520-2308080	2	Carrier (49-51)
		1525-2308047	2	Fork (59-60)
		1521-2308070	2	Flange (25, 70)
		1521-2308020	2	Cover (28, 31, 32)
		1521-2308030	2	Cage (33, 34, 36-38)
		1525-2308050-02	2	Hub (10, 11, 25-28, 31-43)
	1	1525-2301002	1	Left-hand half-axle
		1525-2301002-01	1	Right-hand half-axle
	2	1520-2308037	4	Axle
	3	2КГ 3/8"	2	Plug
	4	2КГ 3/4"	2	Plug
	5	1520-2308002	2	Cage
	6	095-100-30-1-4	2	Ring
	7	1520-2308015	2	Casing
	8	1520-2308034	2	Gasket
	11	Mintor TSSOG1,8'	2	Breather
	12	055-063-46-2-4	4	Ring
	13	1520-2308042	8	Adjusting shim
	14	1520-230842-01	20	Adjusting shim
	15	ШП 16	32	Washer
	16	M16x55	8	Bolt
	17	1.3C6Xp	4	Lubricator
	18	40-3103016	8	Bolt
	20	1520-2308079-02	2	Pin
	21	1520-2308077	4	Bushing
	22	M16	4	Nut
	23	1524-2308074	1	Right-hand lever
		1524-230874-01	1	Left-hand lever
	24	1521-2308017	2	Flange
	25	2.2-100x125.2	2	Collar
	26	7514A	2	Bearing
	27	8x25	6	Pin
	28	M10x35	20	Bolt
	29	ШП10	20	Washer
	30	1521-2308016	2	Cover
	31	1520-2308064	2	Gear
	32	1520-2308054	12	Washer
	33	1520-2308059	6	Satellite
	34	1520-2308011	6	Screw
	35	1521-2308056	2	Cage
	36	4x34,8-3	156	Roller
	37	1520-2308053	6	Axle

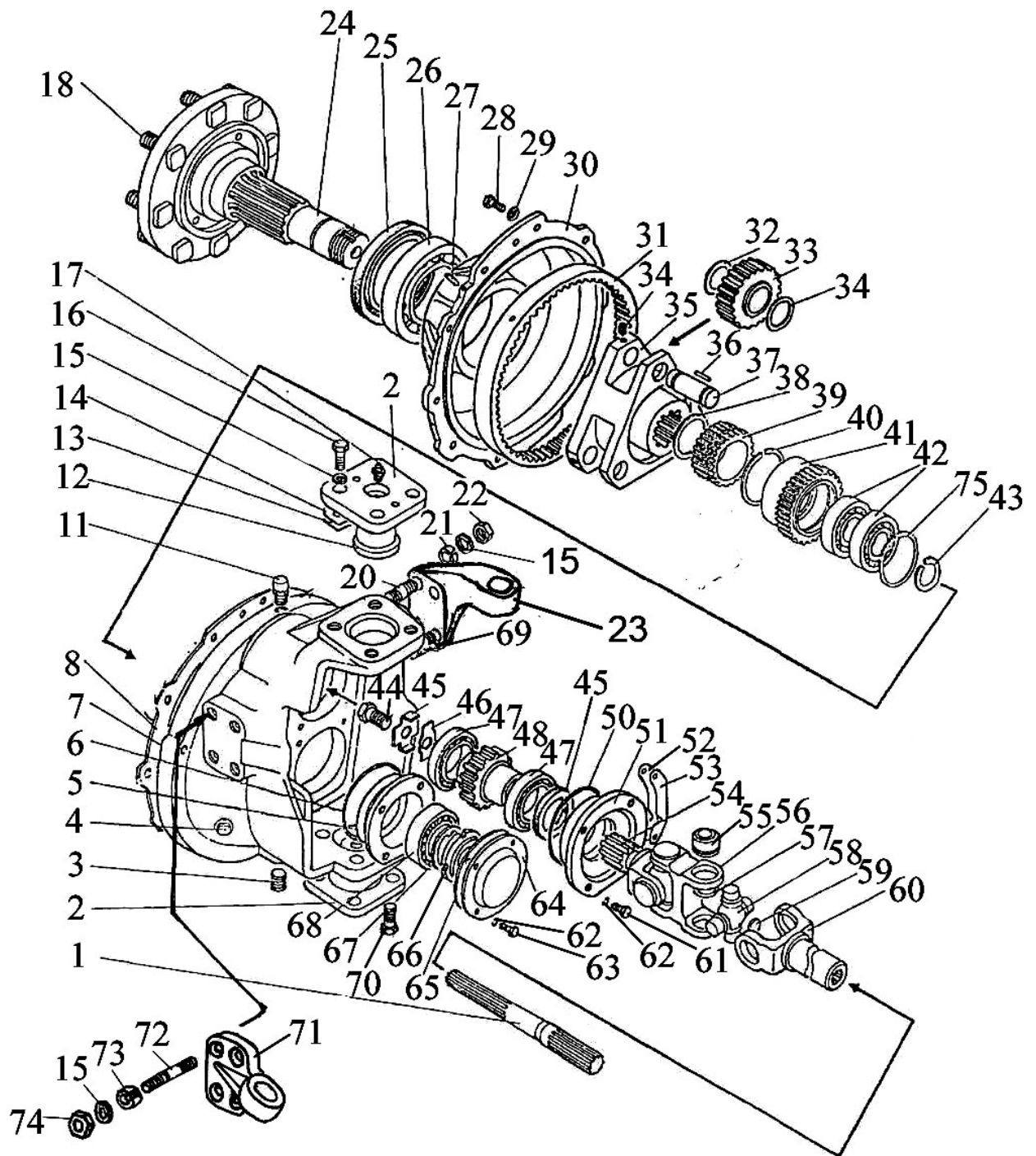


Fig. 23.2. Reduction gear of the final drive of the front driving axle (1524-2308005)

Group 23. Front driving axle
Subgroup 2300, 2303. Reduction gear of the final drive of the front driving axle

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
23.2	38	1525-2308038	2	Washer
	39	1525-2308066	2	Gear
	40	C105	4	Ring
	41	1525-2308062-02	2	Gear
	42	42209	4	Bearing
	43	C45	2	Ring
	44	1521-2308012	2	Bolt
	45	1521-2308031	2	Plate
	46	1521-2308013	2	Washer
	47	2007109	4	Bearing
	48	1525-2308061-02	2	Gear
	49	2.2-45x65	2	Collar
	50	100-105-30-2-4	2	Ring
	51	1520-2308035	2	Sleeve
	52	1520-2308021	20	Adjusting shim
	53	1520-2308021-01	8	Adjusting shim
	54	1520-2308063-10	2	Fork
	55	704702K3C10	16	Bearing
	56	1520-2308066-01	2	Fork
	57	24-2201043-01	16	Locking ring
	58	72-2203026	4	Spider
	59	1525-2203052	2	Choke
	60	1525-2308048	2	Fork
	61	M8x30	16	Bolt
	62	ШП 8	16	Washer
	63	M8x16	8	Bolt
	64	1520-2308004	2	Cover
	65	1520-2308003	2	Gasket
	66	80-1701045	2	Nut
	67	80-1701056	2	Washer
	68	7509A	2	Bearing
	69	1520-2308079	2	Pin
	70	M16x40	8	Bolt
	71	1525-2308076	1	Right-hand bracket
		1525-2308077	1	Left-hand bracket
	72	1520-2308079-02	4	Pin
	73	1520-2308077	4	Bushing
	74	M16	4	Nut
	75	C85	2	Ring

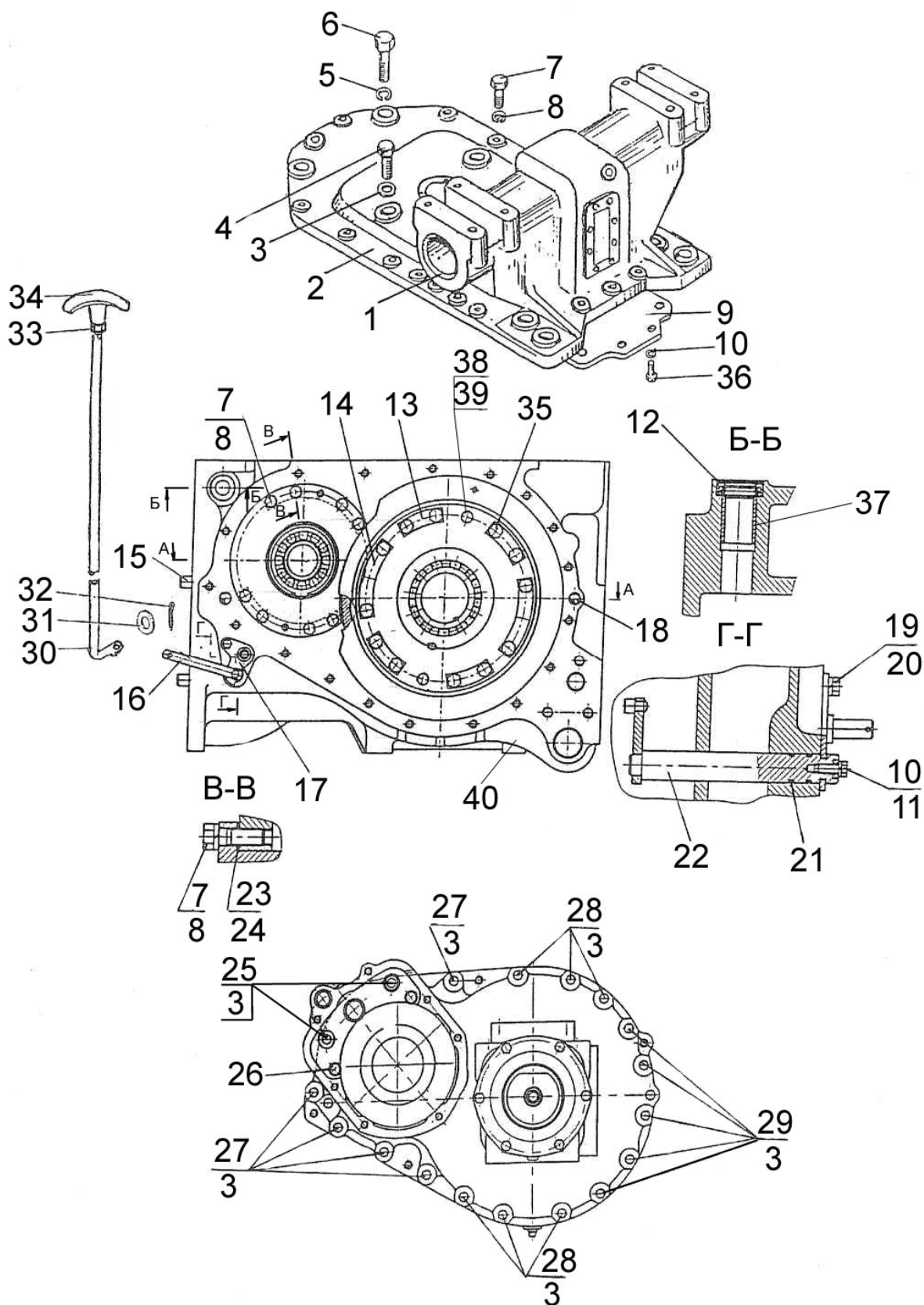


Fig. 24.1. Rear axle housing. Hub drive

Group. 24. Rear axle
Subgroup 4201, 2407. Rear axle housing. Hub drive
Mechanism for disengaging the independent PTO drive

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
24.1		2022-2401010	1	Rear axle
		2022-2401015	1	Rear axle housing (15, 18, 37-40)
		1522-2401030-01	1	Cover assembly (1, 2, 9, 10, 36)
	1	1522-4605007	2	Bushing
	2	1522-2401024-01	1	Cover
	3	16 OT	40	Washer
	4	M 16x80	4	Bolt
	5	ШП 20	4	Washer
	6	70-4605036	4	Bolt (M20x60)
	7	1221-2407505	33	Bolt (M14x45)
	8	14 OT	33	Washer
	9	1522-2401026	1	Cover
	10	ШП 8	9	Washer
	11	M8x20	1	Bolt
	12	2.2-25x42-1	2	Collar
	13	2022-2407503-01	4	Plate
	14	2022-2407503	2	Plate
	15	50-4605027	2	Pin
	16	100X-2401024	1	Lever
	17	2022-1602120	1	Flange
	18	1221-2407508-01	4	Pin
	19	M10x20	1	Bolt
	20	ШП 10	1	Washer
	21	020-025-30-1-4	2	Ring
	22	100X-2401020-01	1	Roller with dog
	23	2022-2407056	20 max	Gasket S=0.2 mm
	24	2022-2407056-01	10 max	Gasket S=0.5 mm
	25	2022-2401111-02	4	Bolt (M16x160)
	26	2022-3502008	4	Pin
	27	2022-2401111	10	Bolt (M16x85)
	28	2022-2401111-03	12	Bolt (M16x175)
	29	2022-2401111-01	10	Bolt (M16x150)
	30	1522-4216081-01	1	Rod
	31	ШЧ8	1	Washer
	32	3.2x18	1	Cotter pin
	33	M8	1	Nut
	34	50-1310136-A	1	Handle
	35	2022-2407505	24	Bolt (M14x50)
	36	M8x16	8	Bolt
	37	36-3502037-A	2	Bushing
	38	54.38.619	4	Locking ring
	39	2022-2407512	4	Pin
	40	2022-2401016	1	Rear axle housing

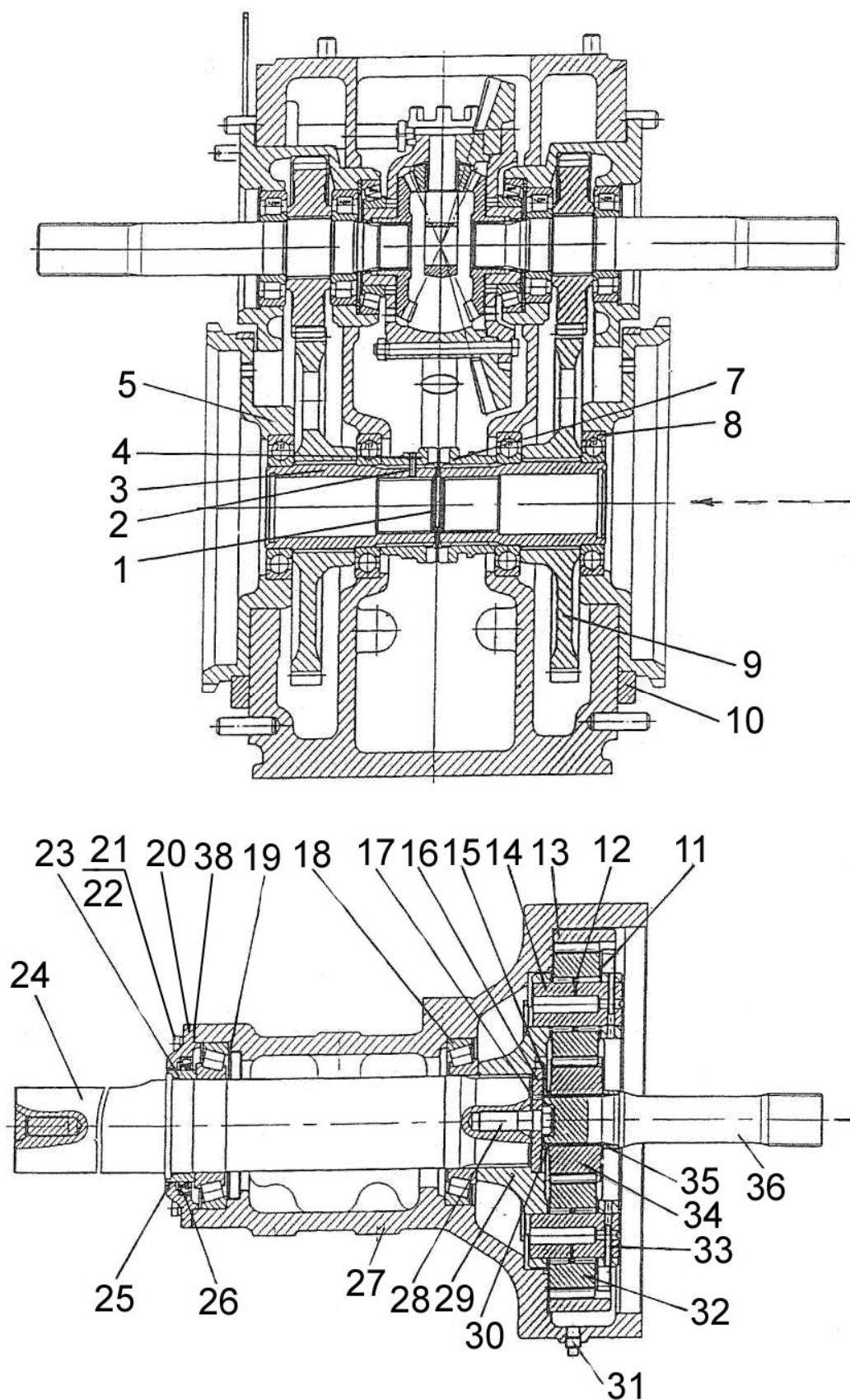


Fig. 24.2. Hub drive

**Group. 24 Rear axle
Subgroup 2407. Hub drive**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
24.2		2022-2407080	2	Half-axle (23, 24)
		2022-2407535	2	Cage (11, 12, 14, 29, 32, 33, 37)
		2022-2407130	2	Sleeve (5, 8, 10)
		2022-2407030	2	Cover (20, 25, 26)
		2022-2407540	2	Drive gear (30, 34-36)
	1	C52	2	Ring
	2	A.8x26.65Г	1	Pin
	3	2022-2407123	2	Bushing
	4	1822-2409012	1	Toothed coupling
	5	2022-2407131	2	Sleeve drive
	7	1822-2409011	1	Toothed coupling
	8	217A	4	Bearing
	9	2022-2407122	2	Driven gear
	10	2022-2407132	2	Ring
	11	2022-2407538	16	Satellite washer
	12	2022-2407539	8	Spacing washer
	13	2022-2405050	2	Driven gear
	14	2022-2407556	8	Axle
	15	2022-2407507	2	Washer
	16	2022-2407537	2	Washer
	17	2022-2407506 or 2022-2407506-01	12 max	Gasket
	18	7220A	4	Bearing
	19	2022-2407091	2	Ring
	20	2022-2407028	2	Cover
	21	M12x35	12	Bolt
	22	ШП 12	12	Washer
	23	2022-2407084	2	Bushing
	24	2022-2407082	2	Half-axle
	25	120-125-30-1-4	2	Ring
	26	2.2-120x150-1	2	Collar
	27	2022-2407015 or 2022-2407015-01	11	Left-hand hose pipe Right-hand hose pipe
	28	2022-2407511	2	Bolt
	29	2022-2407536	2	Cage
	30	2C55	2	Ring
	31	ПК КГ 3/8"	2	Plug
	32	2022-2405035	8	Satellite
	33	A.8x45	8	Pin
	34	2022-2405028	2	Drive gear
	35	1221-2407542	2	Bushing
	36	1221-2407541	2	Shaft
	37	6x27,8A3	448	Roller
	38	2022-2407029	2	Gasket

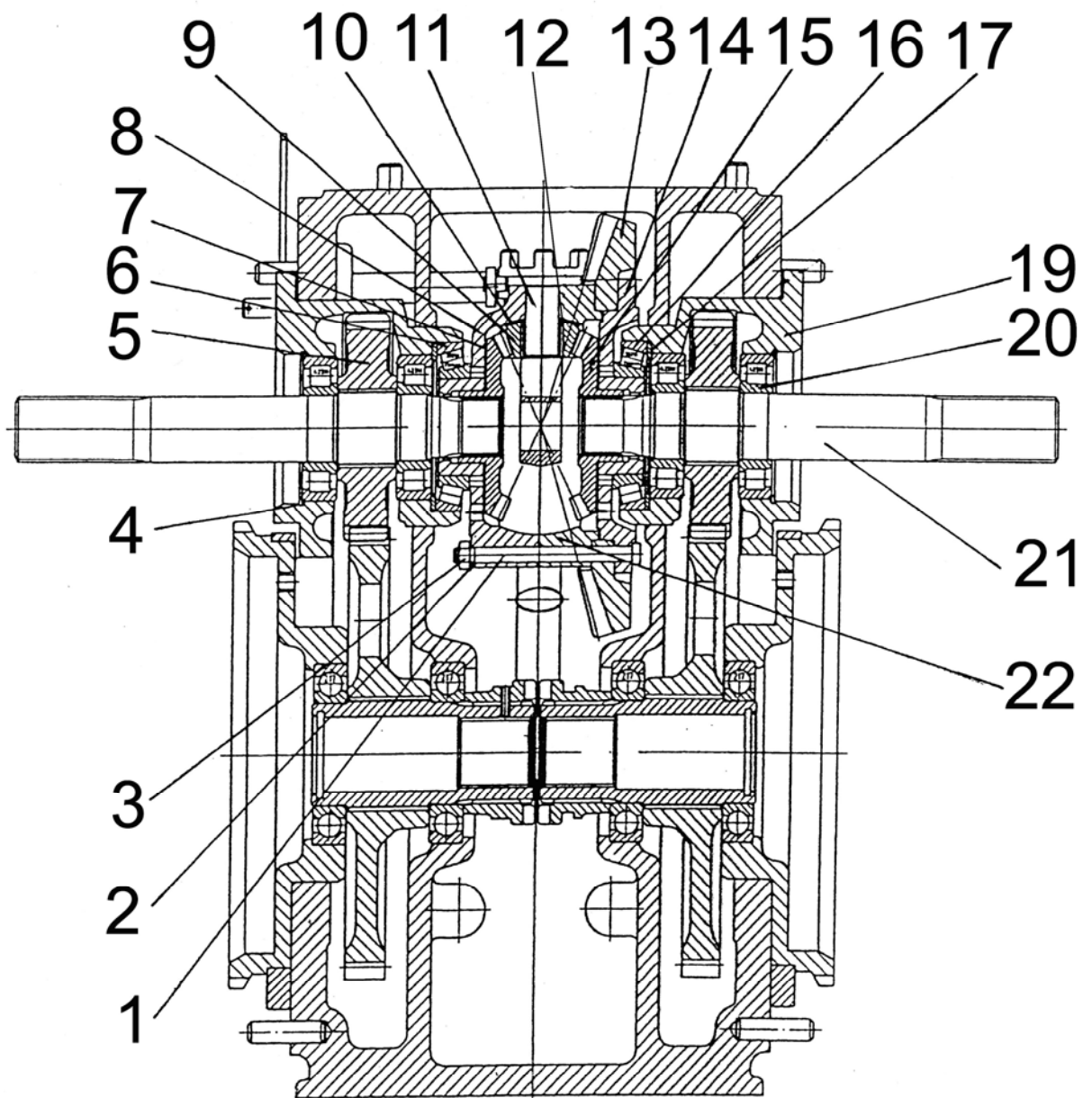


Fig. 24.3. Differential. Bearing shell

Group 24. Rear axle
Subgroup 2403. Differential
Subgroup 2407. Bearing shell

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
24.3		2022-2403010*	1	Differential (1-3, 6-16, 22)
		2022-2407060	2	Bearing shell (4, 5, 17, 19-21)
	1	2022-2403034	12	Bolt
	2	2022-2403023	6	Locking plate
	3	M 12	12	Nut
	4	C 125	2	Ring
	5	2022-2407052	2	Gear
	6	7216A	1	Bearing
	7	2022-2403049	2	Washer
	8	2022-2403019-B	1	Cover
	9	2022-2403055	4	Satellite
	10	2022-2403025-B	4	Satellite washer
	11	2022-2403062-B	1	Spider
	12	4x29,8A3	100	Roller
	13	2022-2403021**	1	Driven gear
	14	2022-2403018	1	Housing
	15	2022-2403048	2	Half-axle pinion
	16	30216	1	Bearing
	17	2022-2407043	2	Ring
	19	2022-2407042	2	Bearing shell
	20	42311M1	4	Bearing
	21	2022-2407053	2	Shaft
	22	2022-2403017-B	1	Spacer

* For ordering the spare parts: 2022-2403020 Differential (without positions 6, 13, 16)

** For ordering the spare parts: set of gears of the main pair 2022-2403014

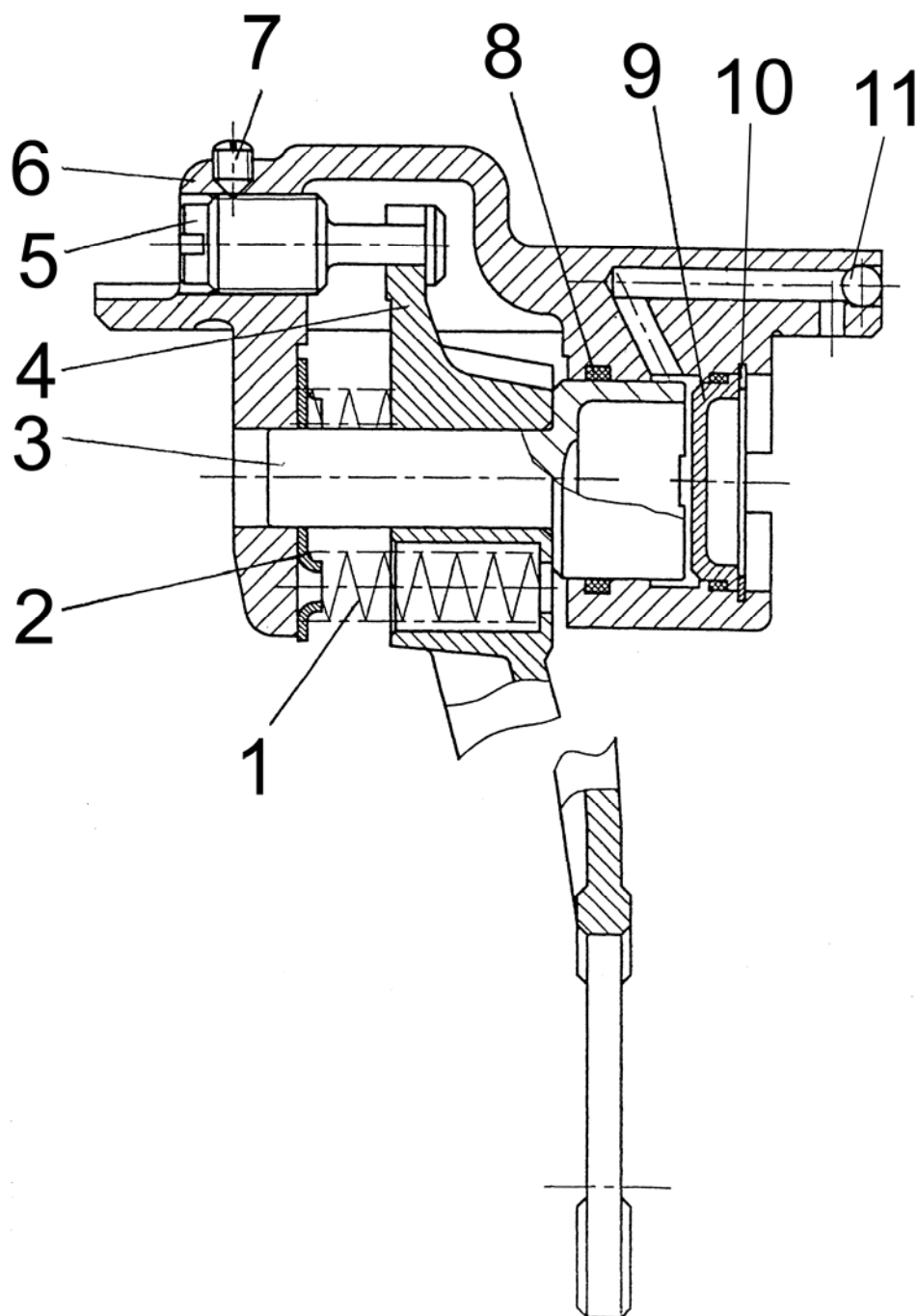


Fig. 24.4. Interlock actuator

Group 24. Rear axle
Subgroup 2409. Interlock actuator

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
24.4		1822-2409010	1	Interlock actuator
	1	101-4602031	3	Spring
	2	1822-2409003	1	Stop
	3	1822-2409007	1	Piston
	4	1822-2409008	1	Fork
	5	1822-2409004	1	Screw
	6	1822-2409001	1	Bracket
	7	1520-2308011	1	Screw
	8	040-045-30-2-2	2	Ring
	9	1822-2409006	1	Choke
	10	C45	1	Ring
	11	7,144-60	1	Ball

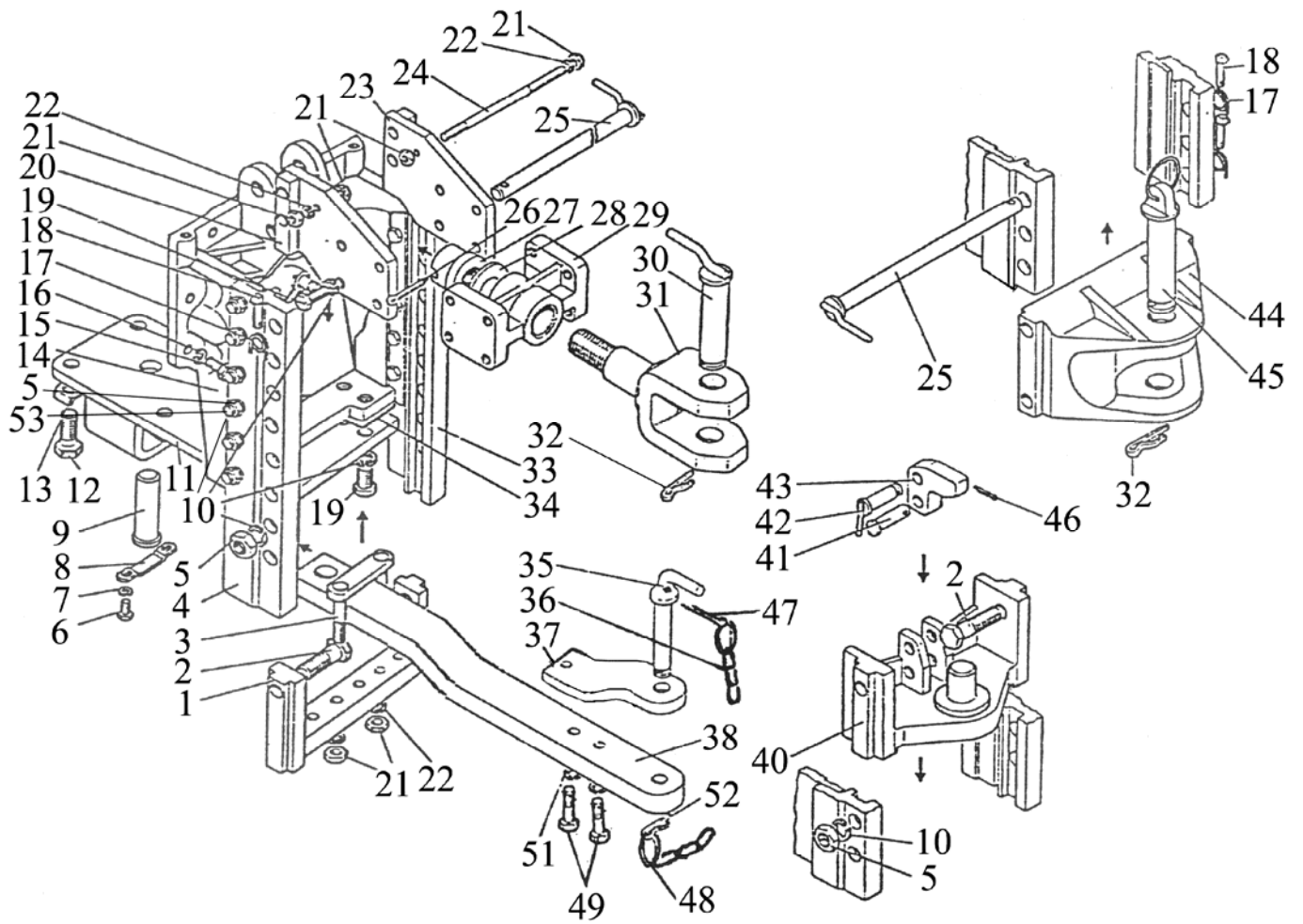


Fig. 27.1. Haul-and-draw coupler

Group 27. Haul-and-draw coupler
Subgroup 2707. Haul-and-draw coupler

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
27.1		2022-2707060		Bracket (4,14,33,53,5,10)
		1322-2707160		Python (40,41,42,43,46,39,2,5,10)
		1321-2707050-Б		Fork (19,20,21,22,23,24,26-32)
		2022-2707150		Drawbar (35,36,37,38,47,48,49,50,51,52)
	1	1322-2707130	1	Cross-beam
	2	1322-2707133	4	Bolt
	3	1322-2707120-Б	1	Cramp
	4	2022-2707062	1	Guide
	5	M20x1,5	4	Nut
	6	M10x20	2	Bolt
	7	ШП 10	2	Washer
	8	1522-2707126	1	Plate
	9	1522-2707127	1	Axle
	10	ШП 20	40	Washer
	11	1522-2707020-Б	1	Plate
	12	1321-2707014	4	Bolt
	13	1222-2707137	2	Plate
	14	1522-2707061-Б	1	Bracket
	15	70-4605036	12	Bolt
	17	A61.05.004	2	Ring
	18	A61.05.005	2	Gib-and-cotter
	19	680-2707024	12	Bolt
	20	1321-2707070-Б	1	Plate (left-hand)
	21	M16	6	Nut
	22	ШП 16	4	Washer
	23	1321-2707070-01	1	Plate (right-hand)
	24	1522-2707244	1	Brace
	25	1522-2707030-Б	2	Pin
	26	6,3x63	1	Cotter pin
	27	1522-2707243	1	Nut
	28	1522-2707242	1	Washer
	29	1321-2707051-Б	1	Bracket
	30	1321-2707040-Б	1	Coupling pin
	31	1321-2707052	1	Fork
	32	1321-2707042	2	Cotter pin
	33	2022-2707062-01	1	Guide
	34	1522-2707135	2	Plate
		1522-2707135-01	2	Plate
		1522-2707135-02	2	Plate
	35	1522-2707079-A	1	Coupling pin
	36	70-4235035	2	Chain
	37	1523-2707143	1	Liner
	38	2022-2707144	1	Drawbar
	40	1322-2707165	1	Plate with python
	41	1322-2707162-01	1	Pin

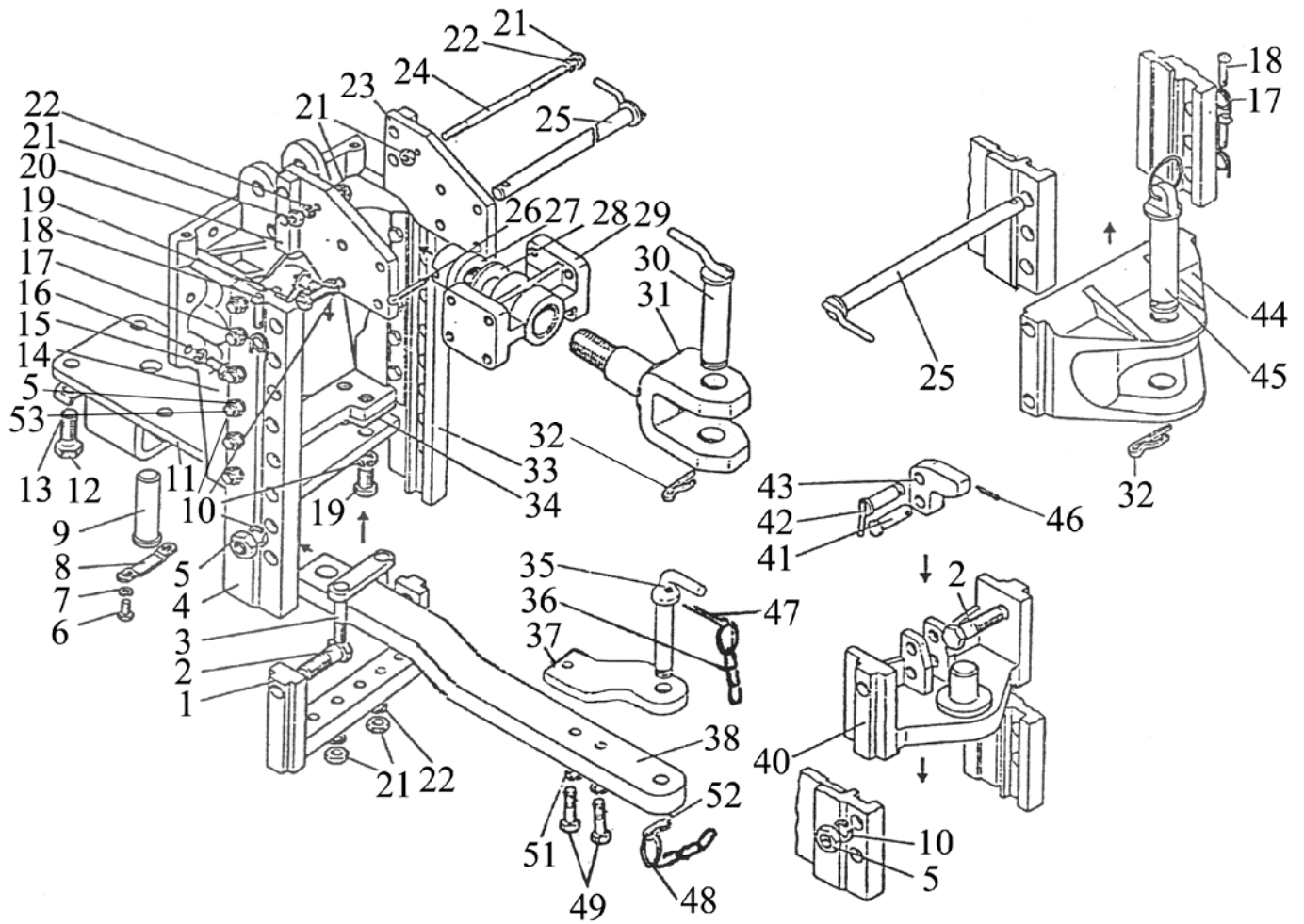


Fig. 27.1 Haul-and-draw coupler

Group 27. Haul-and-draw coupler
Subgroup 2707. Haul-and-draw coupler

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
27.1	42	1322-2707180	1	Pin
	43	1322-2707161	1	Stop
	44	1321-2707111-A or 1321-2707113-A (EURO)	1	Fork
	45	1321-2707140-Б	1	Coupling pin
	46	4x36	1	Cotter pin
	47	3,2x25	1	Cotter pin
	48	H50-4202146	1	Ring
	49	1523-2707149	2	Bolt
	51	1523-2707146	2	Washer
	52	A61.07.001-A	1	Cotter pin
	53	1522-2707149-01	12	Bolt

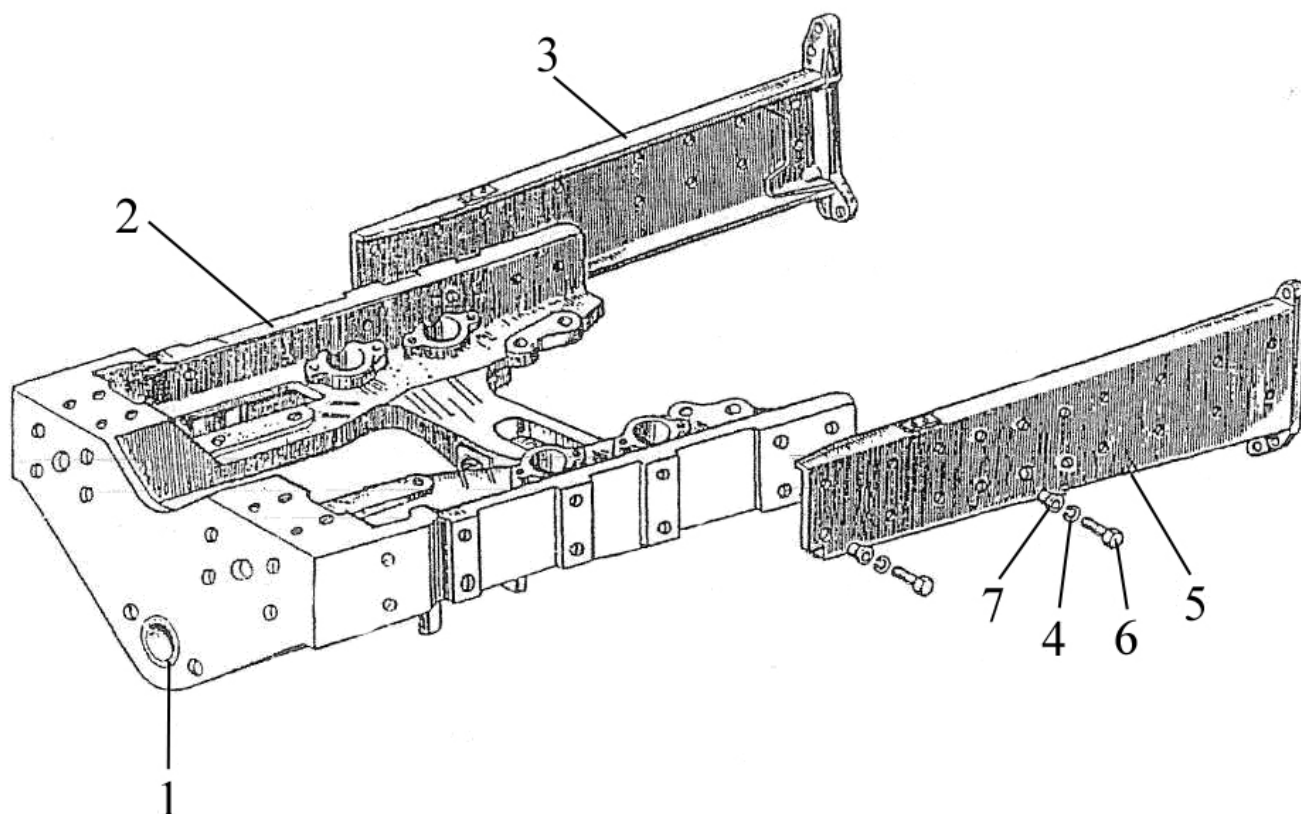


Fig. 28.1. Semiframe assembly

Group 28. Frame
Subgroup 2801. Semiframe assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
28.1		1523-2800010	1	Semiframe
	1	1321-3001022	2	Bushing
	2	1321-2801016	1	Beam
	3	1523-2801030	1	Right-hand side member
	4	16 OT	4	Washer
	5	1523-2801020	1	Left-hand side member
	6	M16x45	4	Bolt
	7	50-2800011	4	Bushing

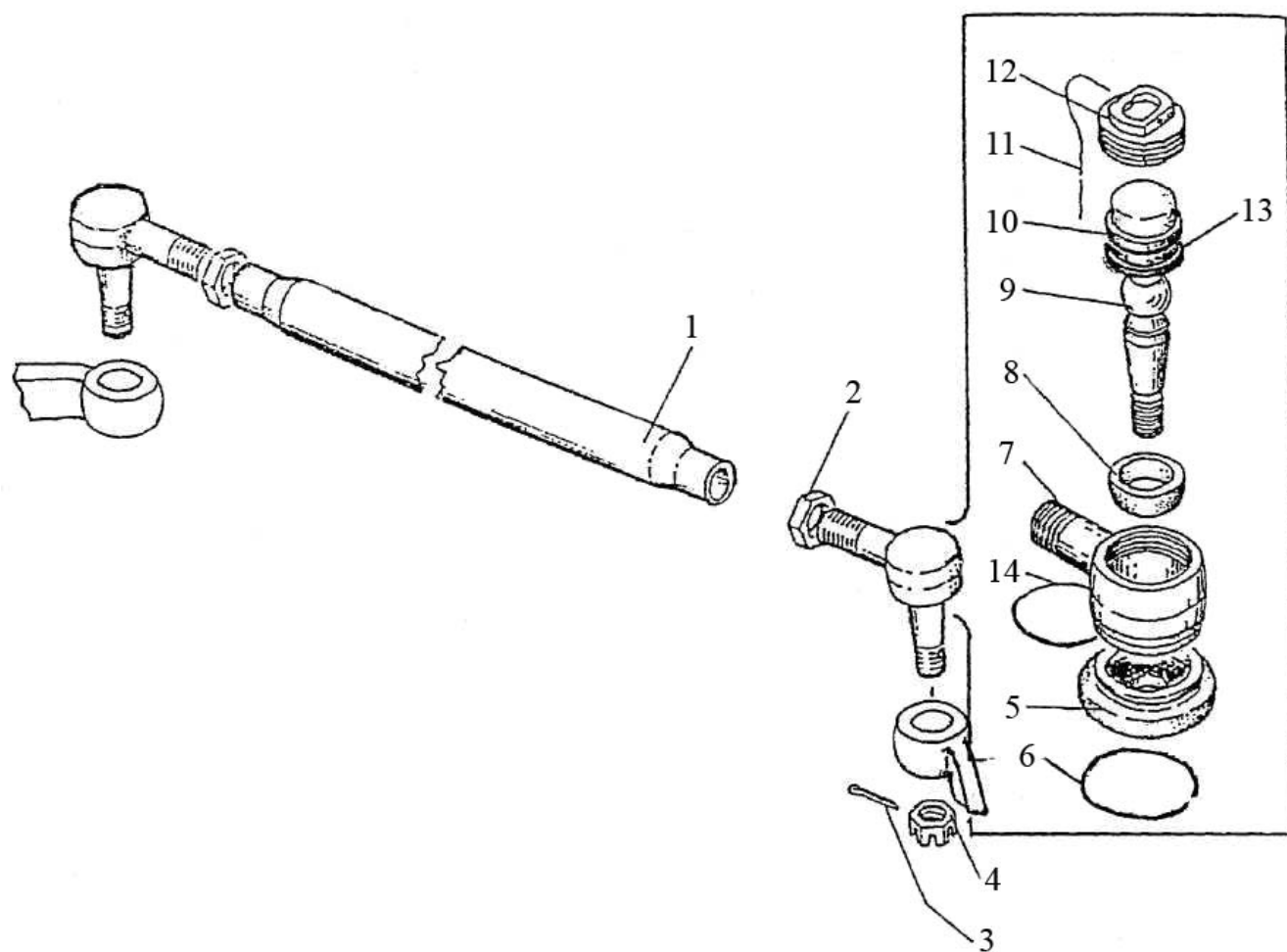


Fig. 30.1. Control arm

Group 30. Front axle
Subgroup 3003. Control arm

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
30.1		1220-3003010-01	1	Control arm assembly (1,2,4-14)
		1220-3003020-A	1	Right-threaded universal joint (5-14)
		1220-3003020-A-01	1	Left-threaded universal joint (5-14)
	1	1220-3003011	1	Pipe
	2	1220-3003013	1	Right-threaded locknut
		1220-3003013-01	1	Left-threaded locknut
	3	4x36	2	Cotter pin
	4		2	Nut M20x1,5 State Standard (ГОСТ) 5919-73
	5	1220-3003025-A	2	Boot
	6	1220-3003029	2	Ring
	7	1220-3003022	1	Right-threaded universal joint housing
		1220-3003022-01	1	Left-threaded universal joint housing
	8	1220-3003023	2	Upper insert
	9	1220-3003021	2	Ball pin
	10	1220-3003028	2	Lower insert
	11	2,0-0-C	2	Wire L=270 mm
	12	50-3003018-B	2	Plug
	13	1220-3003027	2	Insert
	14	1220-3003024	2	Ring

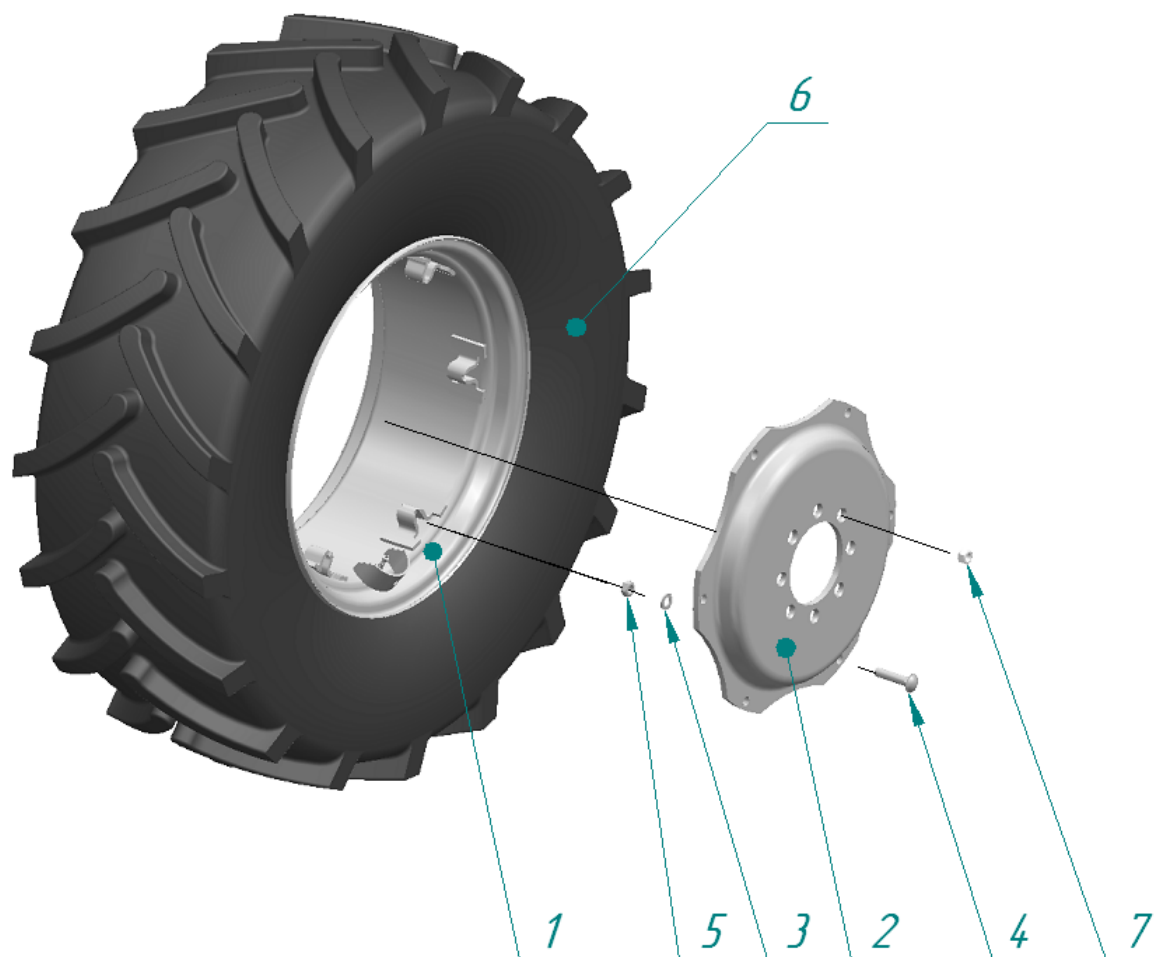


Fig. 31.1. Front driving wheel

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
31.1		1221-3101010-01	2	Wheel 420/70R24 (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	12	Nut or Nut M16x1,5-6H.10.019, State Standard (ГОСТ) 5915-70
	6		2	Tyre 420/70R24
	7	40-3103017-01	16	Nut

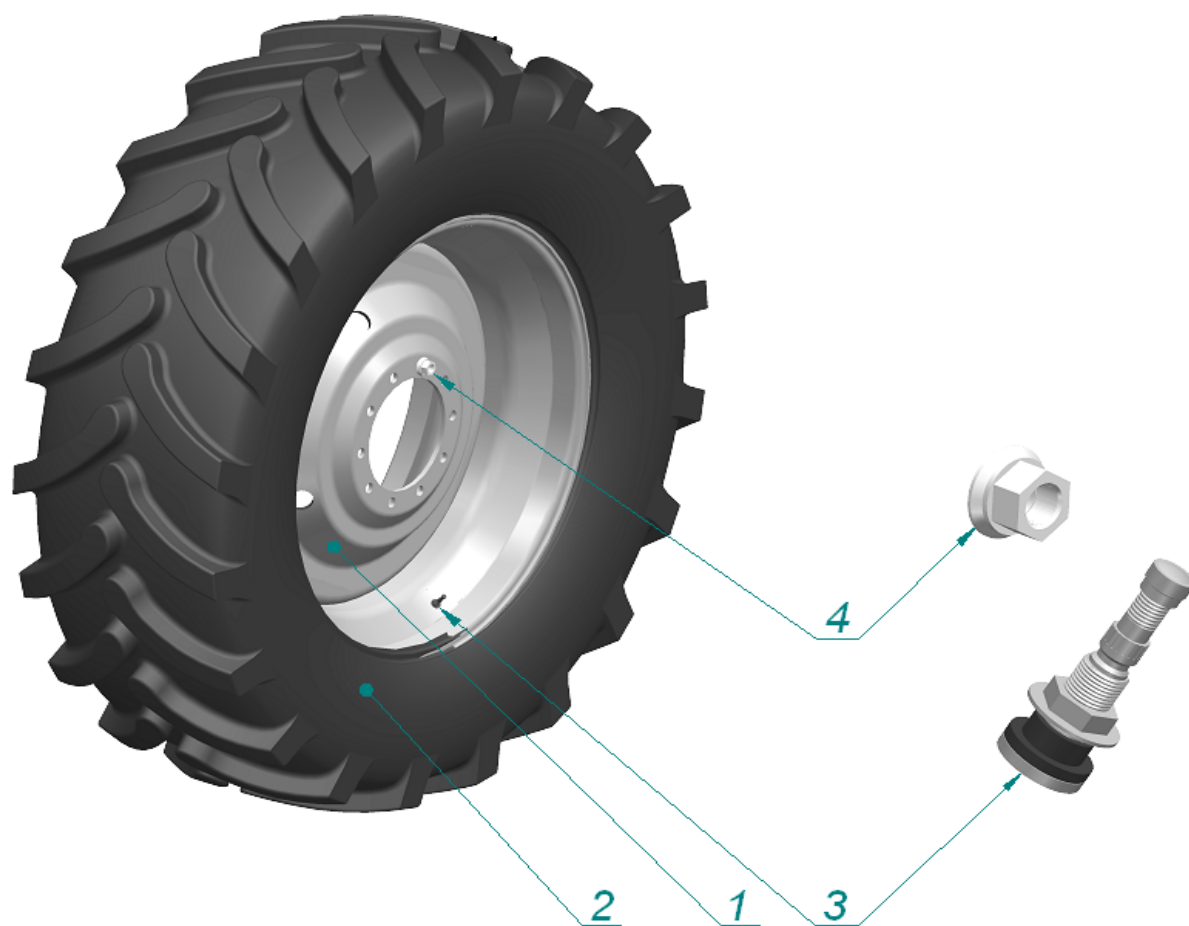


Fig. 31.2. Rear driving wheel

Group 31. Wheels and hubs
Subgroup 3107. Rear driving wheel

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
31.2		2522-3107010	4*	Wheel 580/70R42 (1,2,3)
	1	8885.3107012-01	4*	Wheel (disk and rim) DDW18Lx42
	2		4*	Tyre 580/70R42 (tubeless)
	3		4*	Air-and-water throttle TR618A (for tubeless tyres)
	4	93865-3104038	20	Nut or Nut M22x1,5-10.9 DIN 74361

* Taking into account the wheel twinning

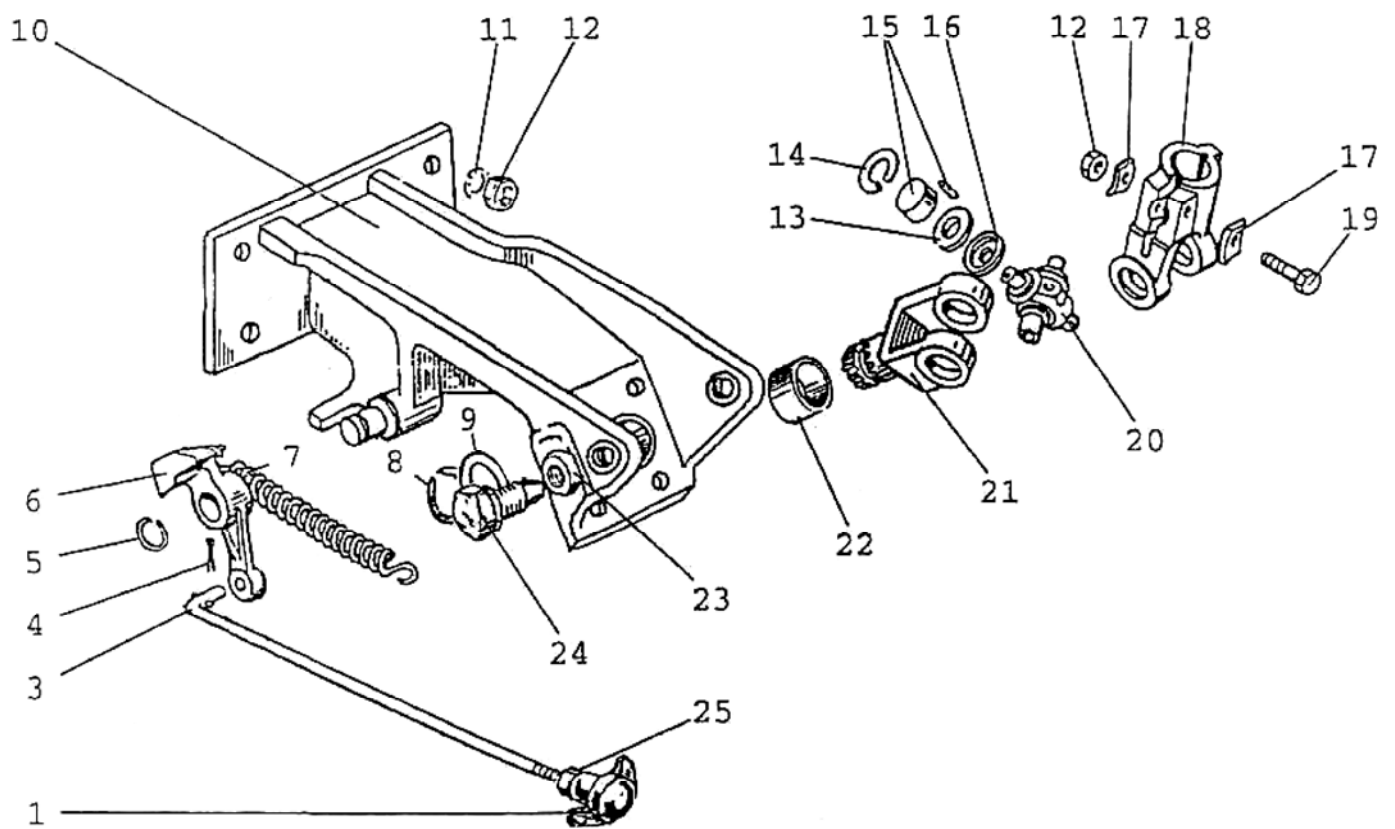


Fig. 34.1. Steering column

Group 34. Steering control
Subgroup 3401. Steering column

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
34.1	1	70-4803060	1	Handle
	3	822-3401001-01	1	Arm
	4	2,0x16.019	1	Cotter pin, State Standard (ГОСТ) 397-79
	5	C18	1	Ring, State Standard (ГОСТ) 13940-86
	6	85-3401014-01	1	Pawl
	7	50-1310158-Б	1	Spring
	8	C20	1	Ring, State Standard (ГОСТ) 13940-86
	9	80-3401019	2	Washer
	10	822-3401120	1	Bracket
	11	10 OT	4	Washer, Branch Standard (OCT) 37.001.115-75
	12	M10-6H.6.019	5	Nut, State Standard (ГОСТ) 5915-70
	13	50-3401064	4	Gland
	14	C19	4	Ring, State Standard (ГОСТ) 13943-86
	15	904700YC17	4	Bearing TY 37.006.065-90
	16	50-3401063	4	Fixture
	17	80-3401013	2	Washer
	18	50-3401061-A	1	Fork
	19	M10-6gx45.88.35.019	1	Bolt, State Standard (ГОСТ) 7795-70
	20	50-3401062	1	Spider
	21	85-3401156-Б	1	Fork
	22	85-3401016	1	Bushing
	23	M20x1,5-6H.04.019	2	Nut, State Standard (ГОСТ) 15522-70
	24	80-3401089	2	Screw
	25	M8-6H.6.019	1	Nut, State Standard (ГОСТ) 5915-70

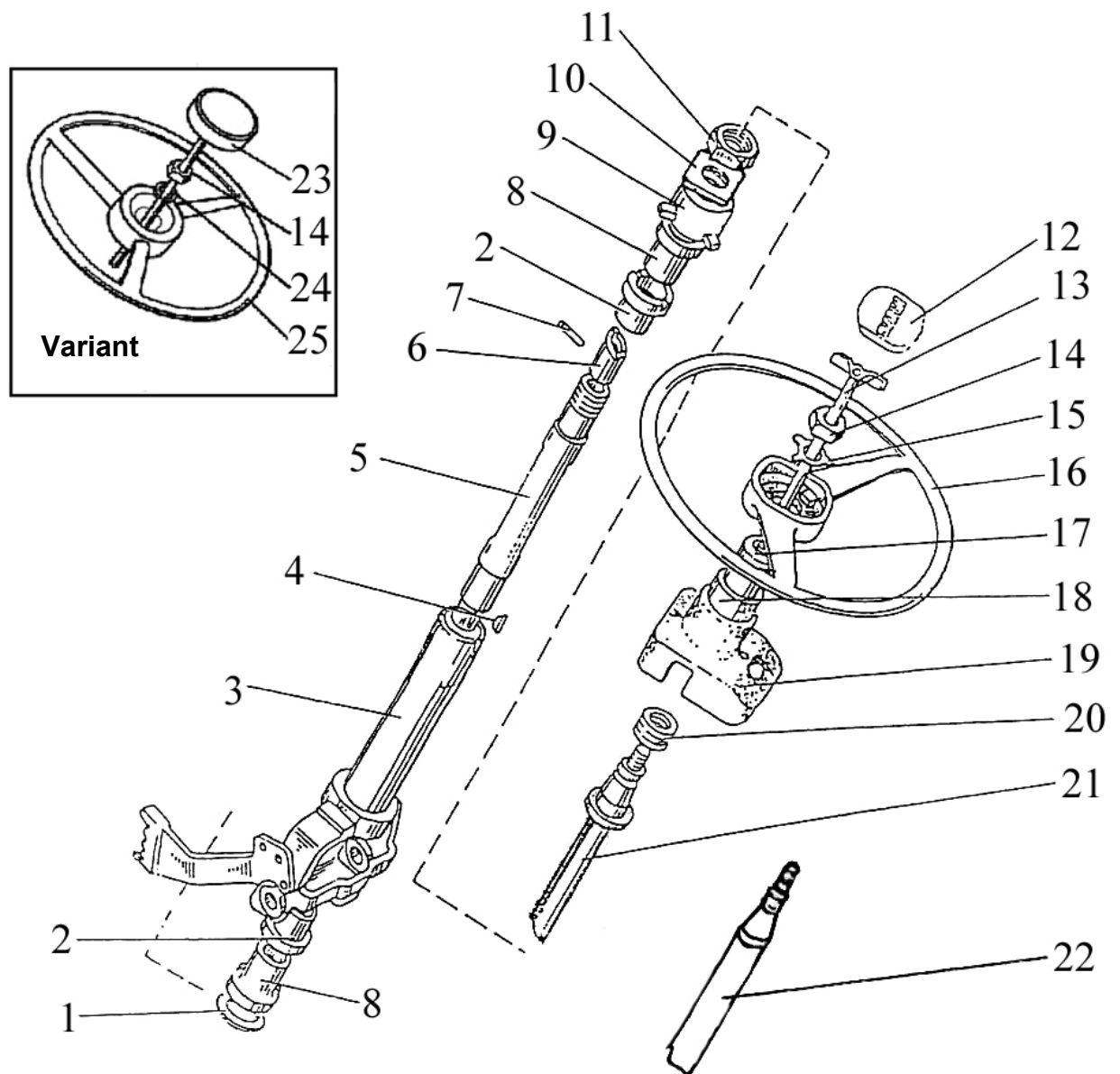


Fig. 34.2. Steering column

Group 34. Steering control
Subgroup 3401. Steering column

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
34.2	1	600-3401012	1	Washer
	2	70-3401077-Б	2	Shock absorber
	3	822-3401080	1	Pipe
	4		1	Key 5x10
	5	70-3401055	1	Shaft
	6	70-3401054-Б	1	Tail-piece
	7		1	Pin ШЦК8x36
	8	70-3401076	2	Bushing
	9	80-3709022	1	Bump stop
	10	70-3401078	1	Nut
	11	70-3401079	1	Locknut
	12	80-3401082	1	Cover
	13	80-3401140	1	Clamp
	14		1	Nut M16x1,5.6H.6.019, State Standard (ГОСТ) 5915-70
	15	50-3401091	1	Washer
	16	80-3402015	1	Steering wheel
	17	80-3709025	1	Bushing**
	18	80-3709026-Б	1	Bushing**
	19	822-3709124	1	Boot* ¹
	20	50-4608057	1	Spring**
	21	85-3401175	1	Shaft**
	22	70-3401074-Б	1	Steering shaft*
	23	822-3401140-A1	1	Clamp
	24	ШП 16	1	Washer
	25	70-3402015-A	1	Steering wheel

* For reversible tractor

** Not installed on reversible tractor

*¹ Installed on the dashboard

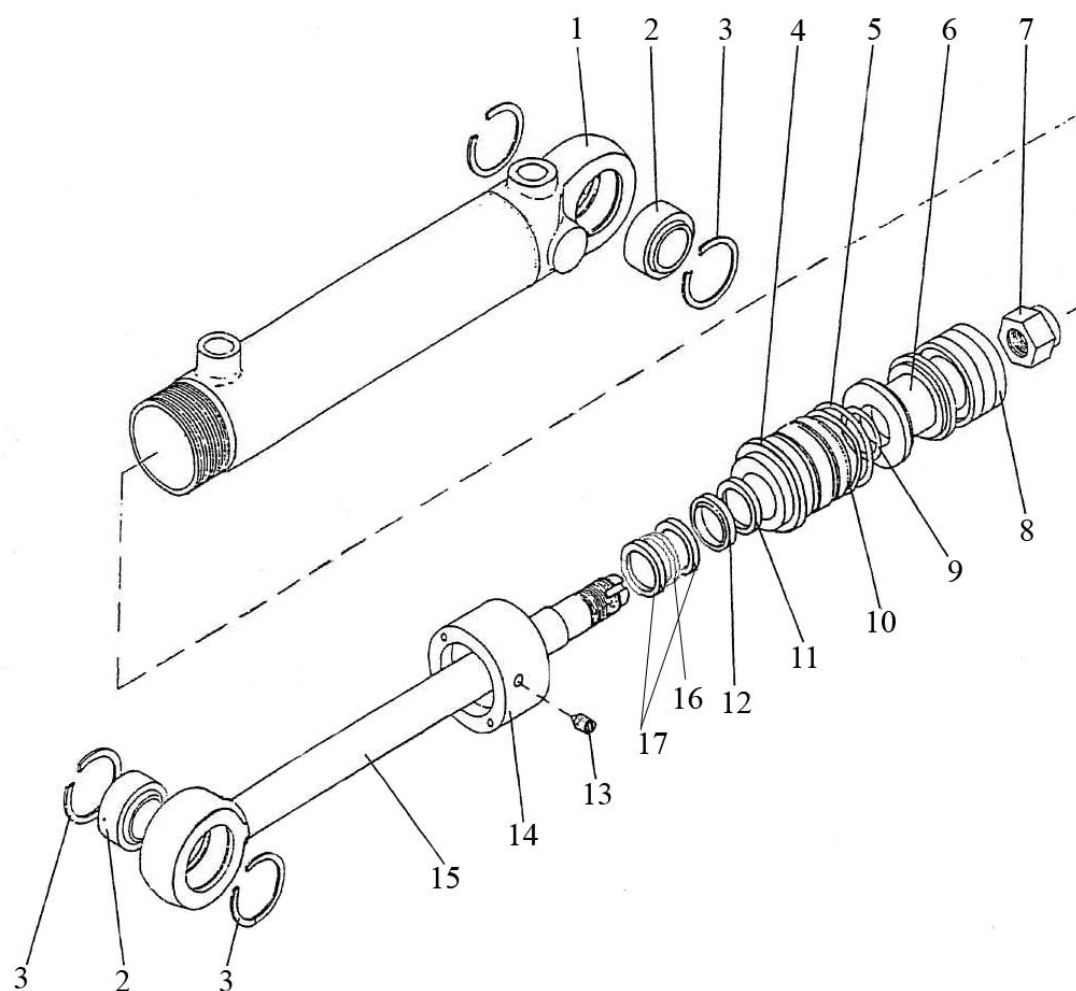


Fig. 34.3. Hydraulic cylinder 50x25-250

Group 34. Steering control
Subgroup 3405. Hydraulic cylinder 50x25-250

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
34.3		Ц50-3405215-A-02	1	Hydraulic cylinder 50x25-250 (2-16)
	1	Ц50-3405220-02	1	Body
	2	ШС-25	2	Bearing
	3	C42	4	Ring
	4	Ц50-3405218-Б	1	Cover
	5	045-050-30-1-4	2	Ring
	6	Ц50-3405223-Б	1	Piston
	7	Ц50-3405222	1	Nut
	8	24251797 L43 50-3420,5*	1	Piston seal
	9	025-028-19-1-4	1	Ring
	10	Ц50-3405228	1	Protective ring
	11	24223269 T20 25-33-5,7*	1	Rod seal
	12	24004792 PU 25-33,6-6,5*	1	Collar
	13	A.M8x10	1	Screw
	14	Ц50-3405224	1	Nut
	15	Ц50-3405221-Б-01	1	Rod
	16	24223123 OMS-MR 25-32.3-3	1	Rod seal
	17	24226044 SB 25-28-55	2	Rod guide

* Sealing elements of the Freudenberg Company, Germany

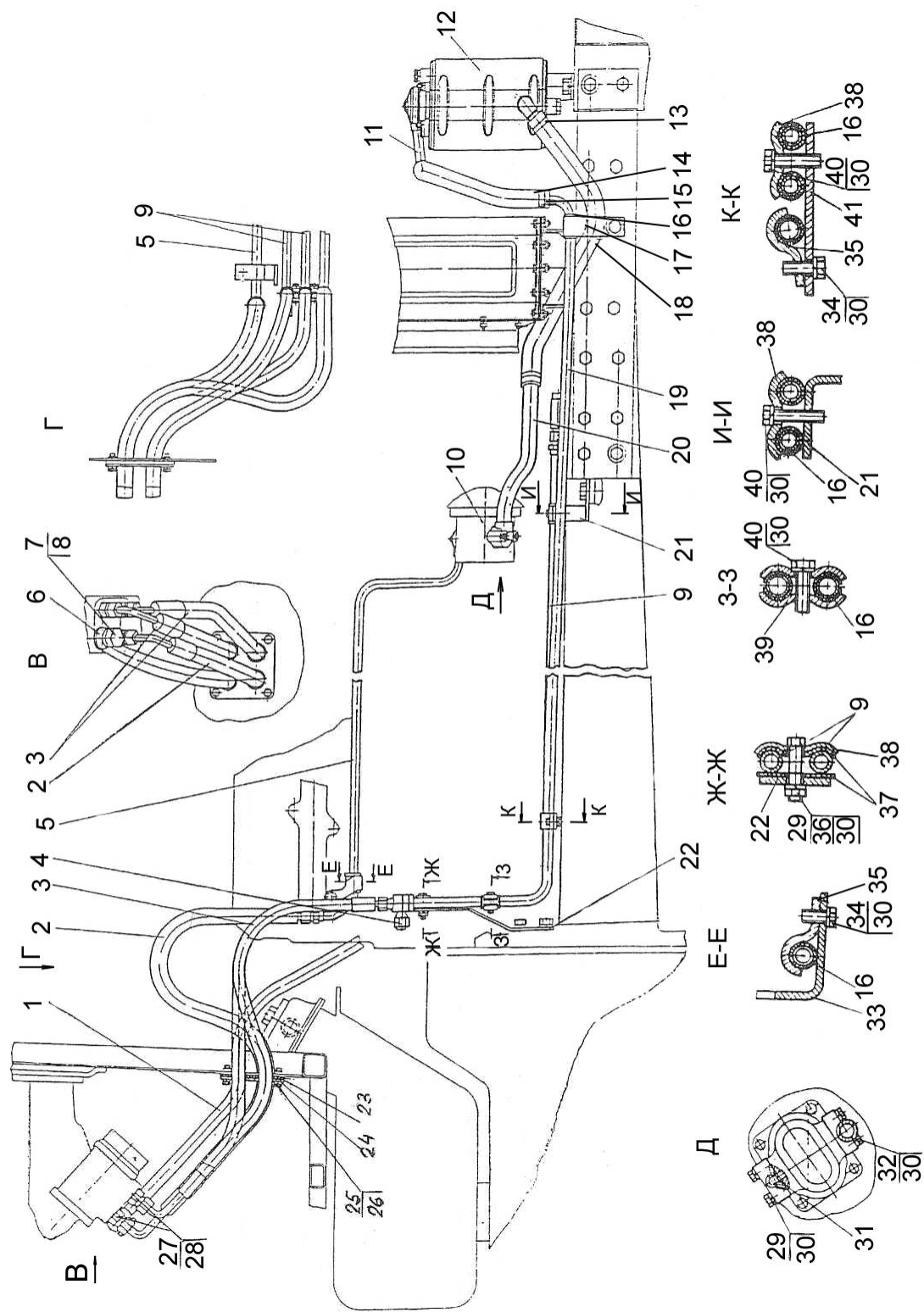


Fig. 34.4. Hydrostatic power steering

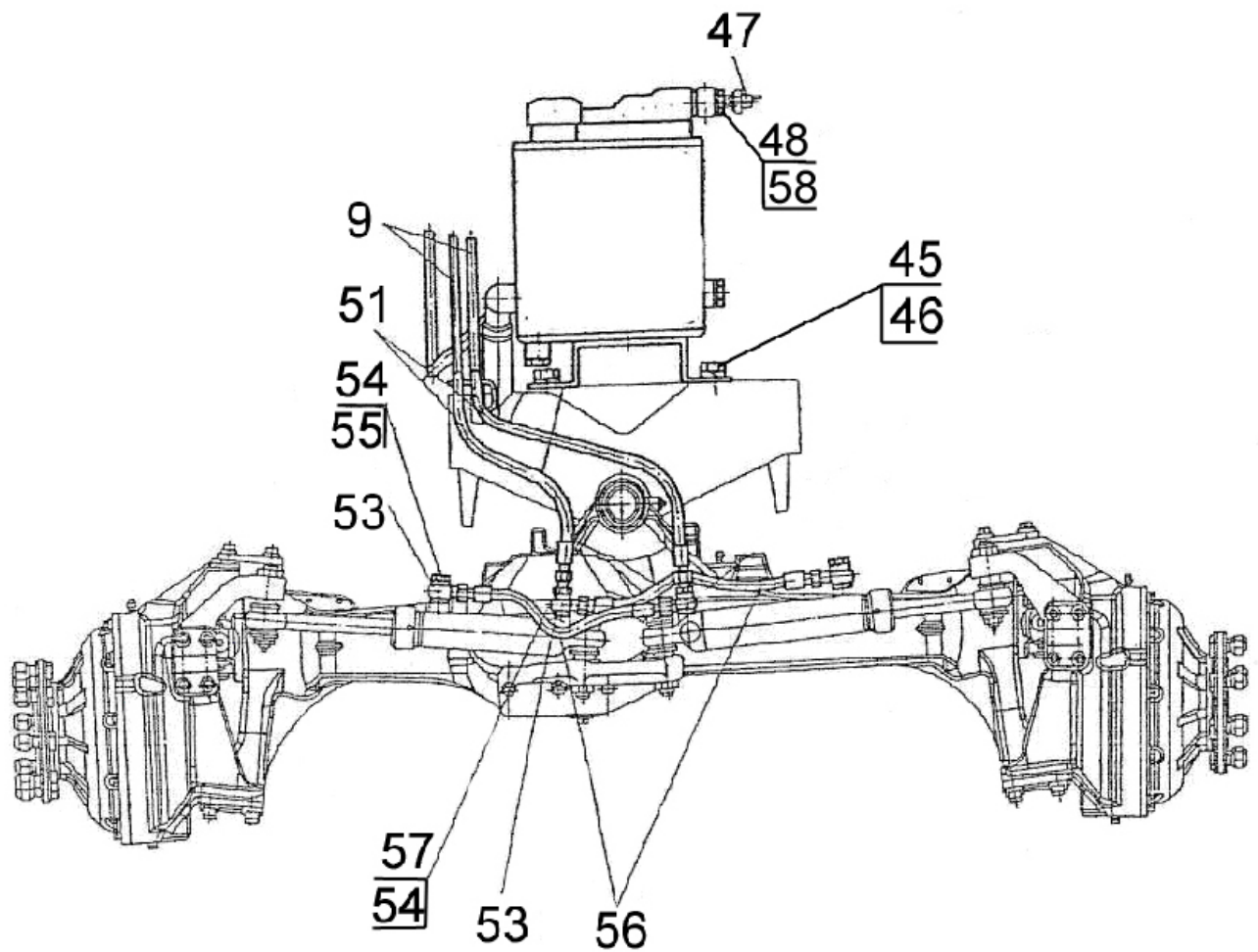


Fig. 34.5. Hydrostatic power steering

Group 34. Steering control
Subgroup 3407. Hydrostatic power steering

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
34.4 34.5	1	952-3407014-11	1	Hose
	2	1522B-3407100-02	1	High-pressure hose pipe
	3	680-4607140-06	2	High-pressure hose pipe
	4	H.036.12.010	2	Choke
	5	1522-3407020	1	Oil pipeline
	6	923-3407080	1	Oil pipeline
	7	85-3407105	1	Bolt
	8	PM 1/2	2	Washer
	9	2022-3407050	2	Oil pipeline
	10	HШ 14 Ж-3Л or HШ 14Г-3Л	1	Gear pump
	11	2522B-3407085-01	1	Oil pipeline
	12	923-3407100	1	Tank
	13	25-40/9-C6W	2	NORMA clamp
	14	85-3407332-01	1	Connecting hose
	15	16-25/9-C6W	4	NORMA clamp
	16	70-3506027	9	Bushing
	17	70-1405112	1	Clip
	18	1221-3407012-02	1	Hose
	19	2022-3407011-Б	1	Pipe
	20	2022-3407035	1	Oil pipeline
	21	1522-3407017	2	Bracket
	22	80B-3407012	1	Bracket
	23	2522-6703034	1	Gasket
	24	1522-3407011	1	Cover
	25	M6x25	4	Bolt
	26	ШП 6	4	Washer
	27	1522-3407016	3	Union
	28	025-029-25-2-2	3	Ring
	29	M88x35	3	Bolt
	30	ШП 8	10	Washer
	31	017-022-30-1-4	2	Ring
	32	M8x40	2	Bolt
	33	70-3407164	1	Bracket
	34	M8x20	2	Bolt
	35	70-3407163	2	Cramp
	36	M8	1	Nut
	37	70-4607158	2	Gasket
	38	70-3407146	4	Slat
	39	70-3407144	1	Threaded slat
	40	M8x30	3	Bolt
	41	85-3407107	1	Slat
	45	M16x40	2	Bolt
	46	ШП 16	2	Washer
	47	ДАДМ-03	1	Emergency oil pressure sensor
	48	1221-3407140-01	1	Valve
	51	952-3407100-02	2	High-pressure hose pipe
	53	2022-3407202	4	Adapter
	54	PM 3/8	8	Washer
	55	Φ80-3407301	2	Bolt
	56	952-3407100-12	2	High-pressure hose pipe
	57	2022-3407201	2	Union
	58	PM 24	2	Washer

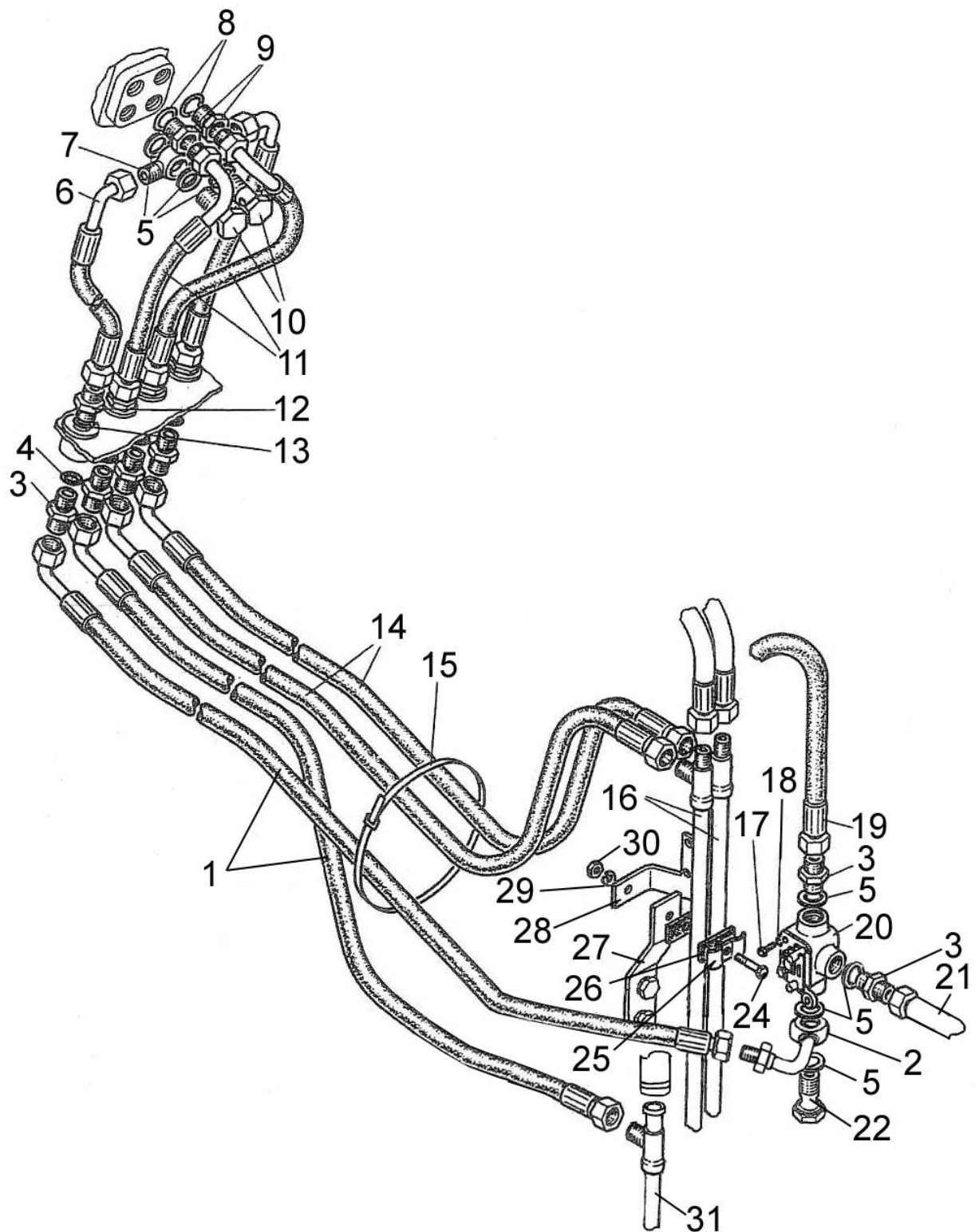


Fig. 34.6 Hydrostatic power steering (reverse)

Group 34. Steering control
Subgroup 3407. Hydrostatic power steering (reverse)

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
34.6	1	1522-B3407100-01	2	High-pressure hose pipe
	2	2022B-3407015	1	High-pressure hose pipe
	3	70-1405089	6	Union
	4	017-022-030	6	Ring
	5	PM 1/2	8	Washer
	6	1522B-3407100-05	2	High-pressure hose pipe
	7	530-4614029	2	Angle piece
	8	025-029-25	2	Ring
	9	1522-3407016	2	Union
	10	85-3407105	2	Bolt
	11	1522B-3407100-04	2	High-pressure hose pipe
	12	C80-4607204	4	Union
	13	024-028-25	4	Ring
	14	680-4607140-07	2	High-pressure hose pipe
	15	70-3723045-01	1	Collar
	16	2022-3407050	2	Oil pipeline
	17	M6x16	4	Bolt
	18	ШП 6	4	Washer
	19	1522B-3407100-02	1	High-pressure hose pipe
	20	1221B-3407150-A	1	Tap
	21	2022B-3407020	1	Oil pipeline
	22	40-4607032	2	Bolt
	24	M8x40	1	Bolt
	25	70-3407146	1	Slat
	26	70-4607158	2	Gasket
	27	80B-3407012	1	Bracket
	28	1522B-3407018	1	Bracket
	29	ШП 8	1	Washer
	30	M8	1	Nut
	31	2022B-3407010	1	Oil pipeline

Left-hand brake

Right-hand brake

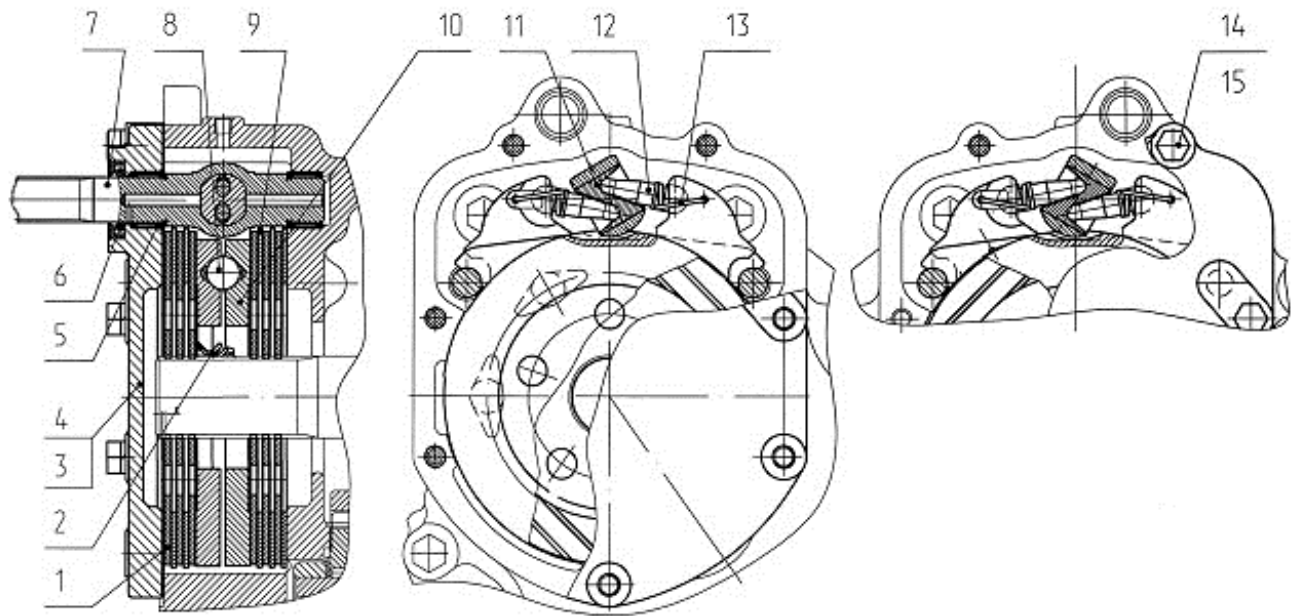


Fig. 35. Service brakes

Group 35. Brakes
Subgroup 3502. Service brakes

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35		2022-3502010-02	1	Right-hand brake (2022-3502030-01, 1, 3-7, 9, 11-15)
		2022-3502010-03	1	Left-hand brake (2022-3502030-01, 1, 3-7, 9, 11-15)
		2022-3502030-01	2	Pressure plates (2, 8, 10)
	1	2022-3502015 or 2022-3502015-A	12	Friction disk
	2	77.38.163	8	Spring
	3	2022-3502002	2	Cover
	4	2022-3502003	2-6	Adjusting shim
	5	II-942/30	4	Bearing State Standard (ГОСТ) 4060-78
	6	2.2-30x52-1	2	Collar State Standard (ГОСТ) 8752-79/Branch Standard (OCT) 38.09.146-78
	7	2022-3502031	2	Shaft
	8	22,225-100	12	Ball State Standard (ГОСТ) 3722-81
	9	2022-3502014-01	10	Intermediate disk
	10	2022-3502036-03	4	Pressure disk
	11	1222-3502004	2	Cam
	12	1220-3502006	4	Pusher
	13	1220-3502007	4	Spring
	14	2022-3502009	6	Bolt
	15	14OT	6	Washer Branch Standard (OCT) 37.001.115-75

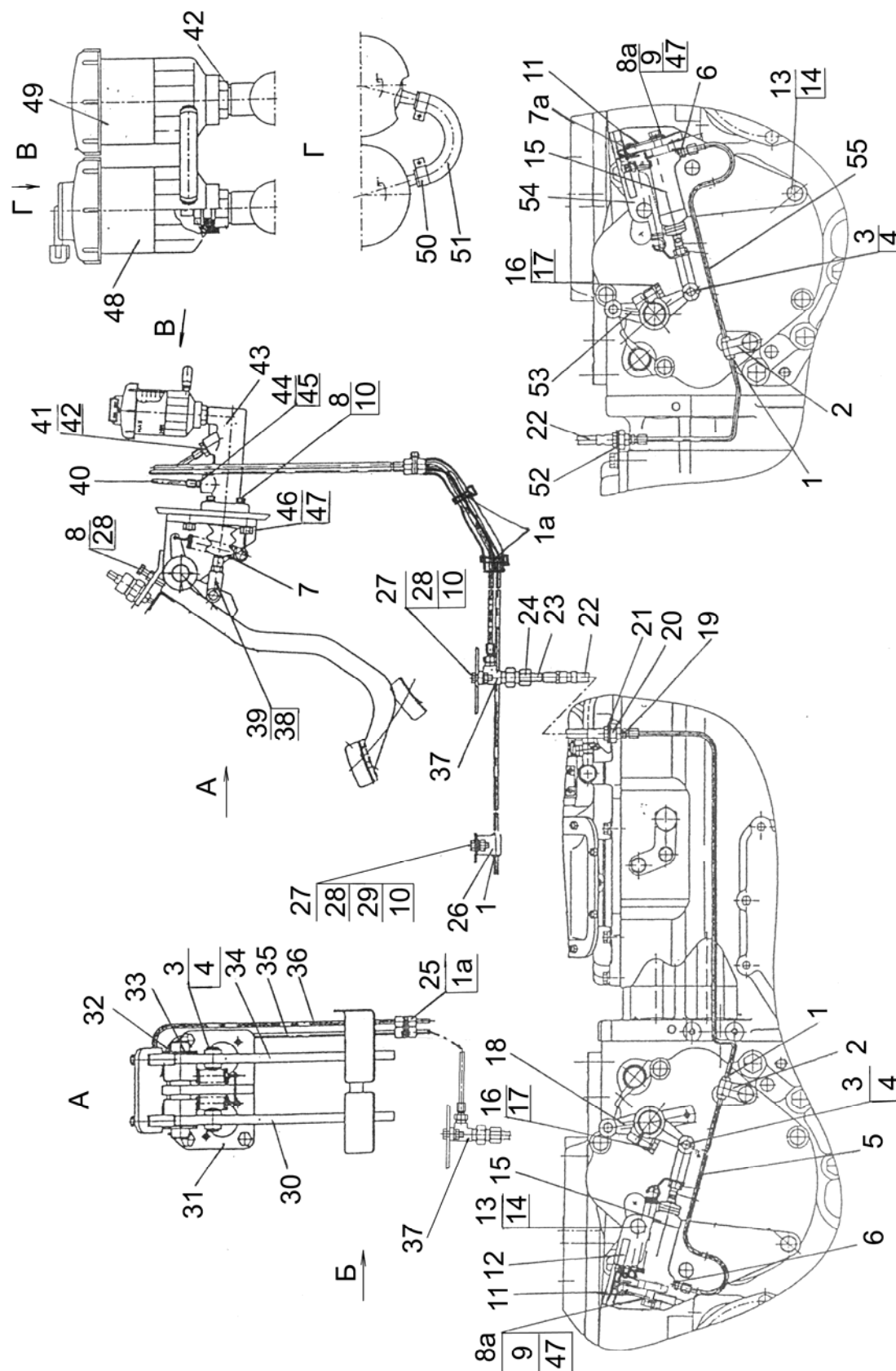


Fig. 35.1. Brake control

Group 35. Brakes
Subgroup 3503. Brake control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.1	1	1522-2407317	3	Tube
	1a	1522-3503703	2	Tube
	2	70-4802045	2	Cleat
	3	3,2x18	4	Cotter pin
	4	12x32	4	Pin
	5	2022-3503270	1	Pipeline
	6	80-1701549	2	Union
	7	70-4616033 substitute	2	Spring
	7a	50-1310158-B	2	Spring
	8	M8x35	6	Bolt
	8a	M10x30	2	Bolt
	9	ШЧ10	2	Washer
	10	ШП8	9	Washer
	11	923-1602116	2	Ear
	12	2022-3503030-B-01	1	Right-hand bracket
	13	2022-3502009-01	6	Bolt
	14	ШП14	6	Washer
	15	822-1602550-B-01	2	Master cylinder
	16	M12x35	2	Bolt
	17	ШП12	2	Washer
	18	2022-3502045	1	Lever
	19	2022-3503082	2	Adapter
	20	M16x1,5	2	Nut
	21	ШЧ16	2	Washer
	22	923-3503200-01	2	Flexible hose pipe of the brakes, type IV
	23	923-3503221	2	Nipple
	24	Д80-4607212	2	Nut
	25	80-3723045	3	Collar
	26	48-1104016	1	Clip
	27	M8x25	5	Bolt
	28	M8	7	Nut
	29	ШЧ8	1	Washer d ₂ = 24 mm
	30	923-3503740	1	Left-hand pedal
	31	923-3503720	1	Bracket
	32	5x36	2	Cotter pin
	33	50-3503071	2	Washer
	34	923-3503730	1	Right-hand pedal
	35	1522-3503070	1	Pipeline
	36	1522-3503080	1	Pipeline
	37	822-3503105	2	Angle piece
	38	822-3502203	2	Fork
	39	M10	2	Nut
	40	822-3503100	1	Pipeline
	41	822-3503083	2	Union
	42	Д18-055-A	4	Seal ring
	43	"Carlisle" S73067386	2	Master cylinder
	44	822-3503084	2	Union
	45	36-1104788	2	Gasket
	46	M10x25	3	Bolt
	47	ШП10	5	Washer
	48	822-3503090-01	1	Reservoir

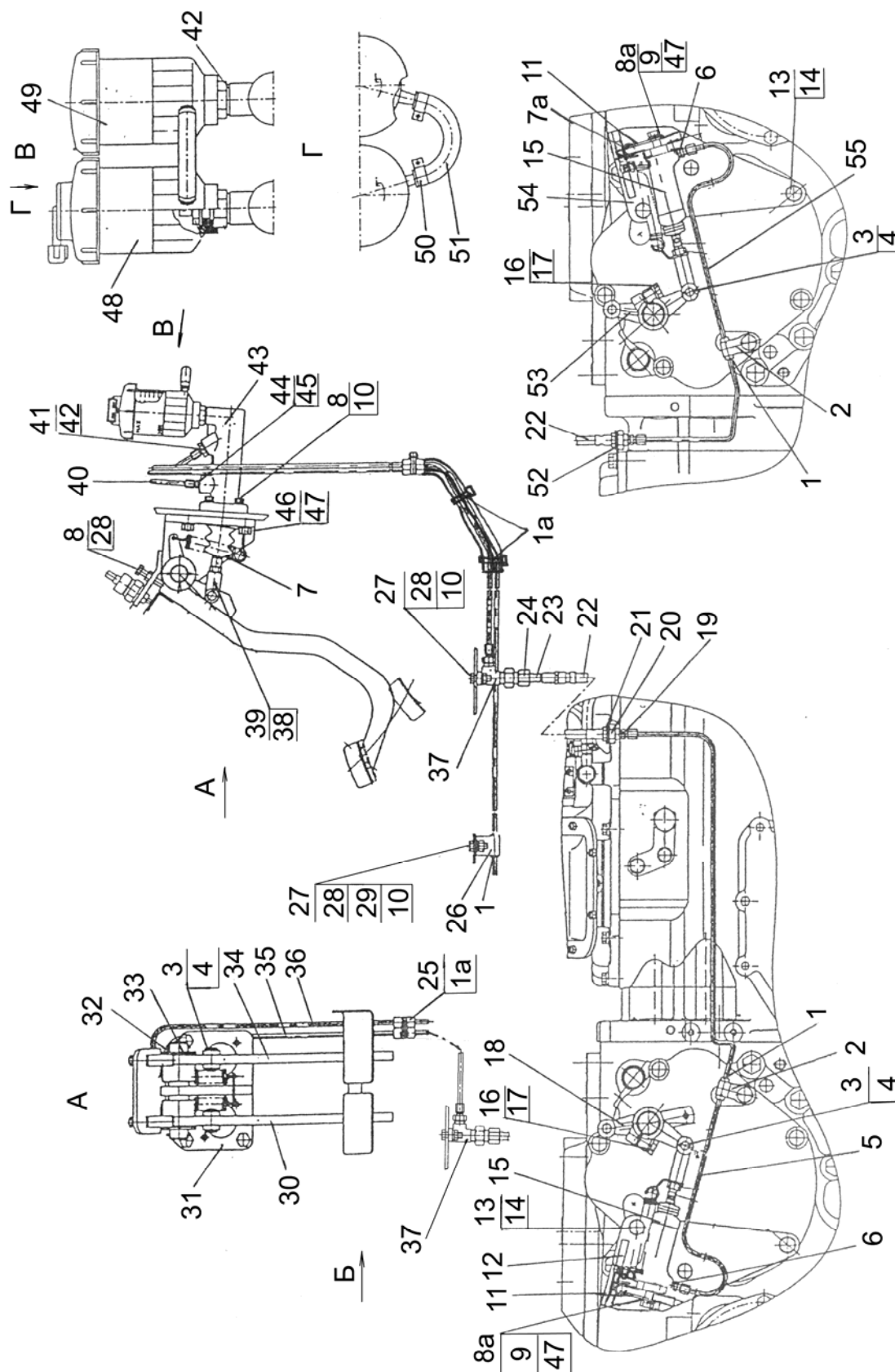


Fig. 35.1. Brake control

Group 35. Brakes
Subgroup 3503. Brake control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.1	49	822-3503090	1	Reservoir
	50	12-22	2	Clamp with worm thread
	51	822-3503098	1	Hose
	52	2022-3503261	2	Plate
	53	2022-3502048	1	Left-hand lever
	54	2022-3503030-Б	1	Left-hand bracket
	55	2022-3503280	1	Pipeline

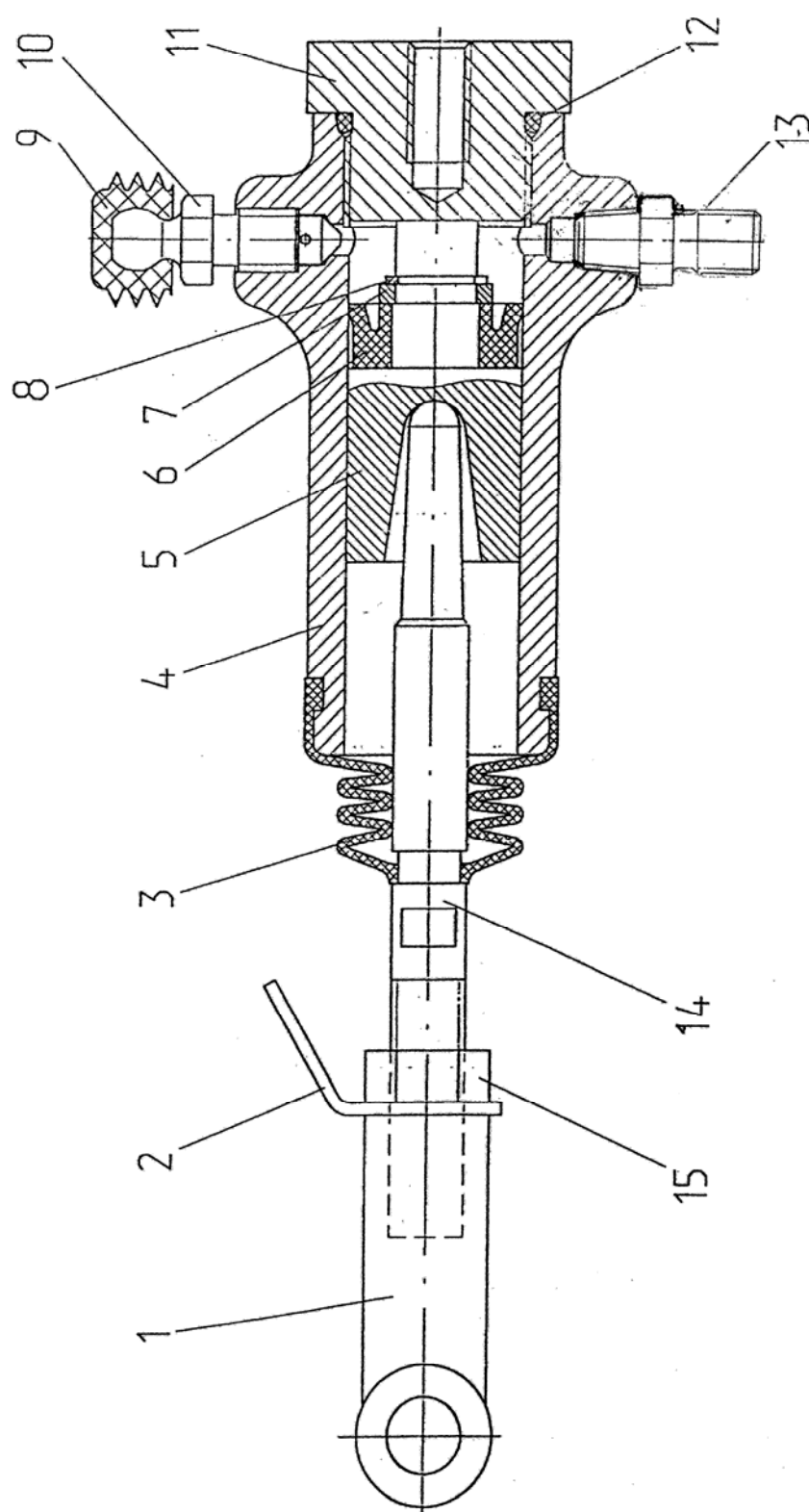


Fig. 35.2. Master cylinder

Group 35. Brakes
Subgroup 3503. Master cylinder 822-1602550-Б-01

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.2		822-1602550-Б-01	1	Master cylinder
	1	50-3502203	1	Fork
	2	80-1602116	1	Ear
	3	142-1602569	1	Boot
	4	1221B-1602551	1	Casing
	5	822-1602556-Б	1	Piston
	6		1	Collar N14-102 (14x28x10) Simrit 85 EPDMV MOO 282
	7	1221B-1602517-Б	1	Distance bushing
	8	C13	1	Ring
	9	142-1602377	1	Cap
	10	142-1602371	1	Valve
	11	1221B-1602561	1	Cover
	12	OR EPDM 70 02700250	1	Rubber O-ring
	13	80-1701549	1	Union
	14	822-1602112	1	Rod
	15	M12x1,25	1	Nut

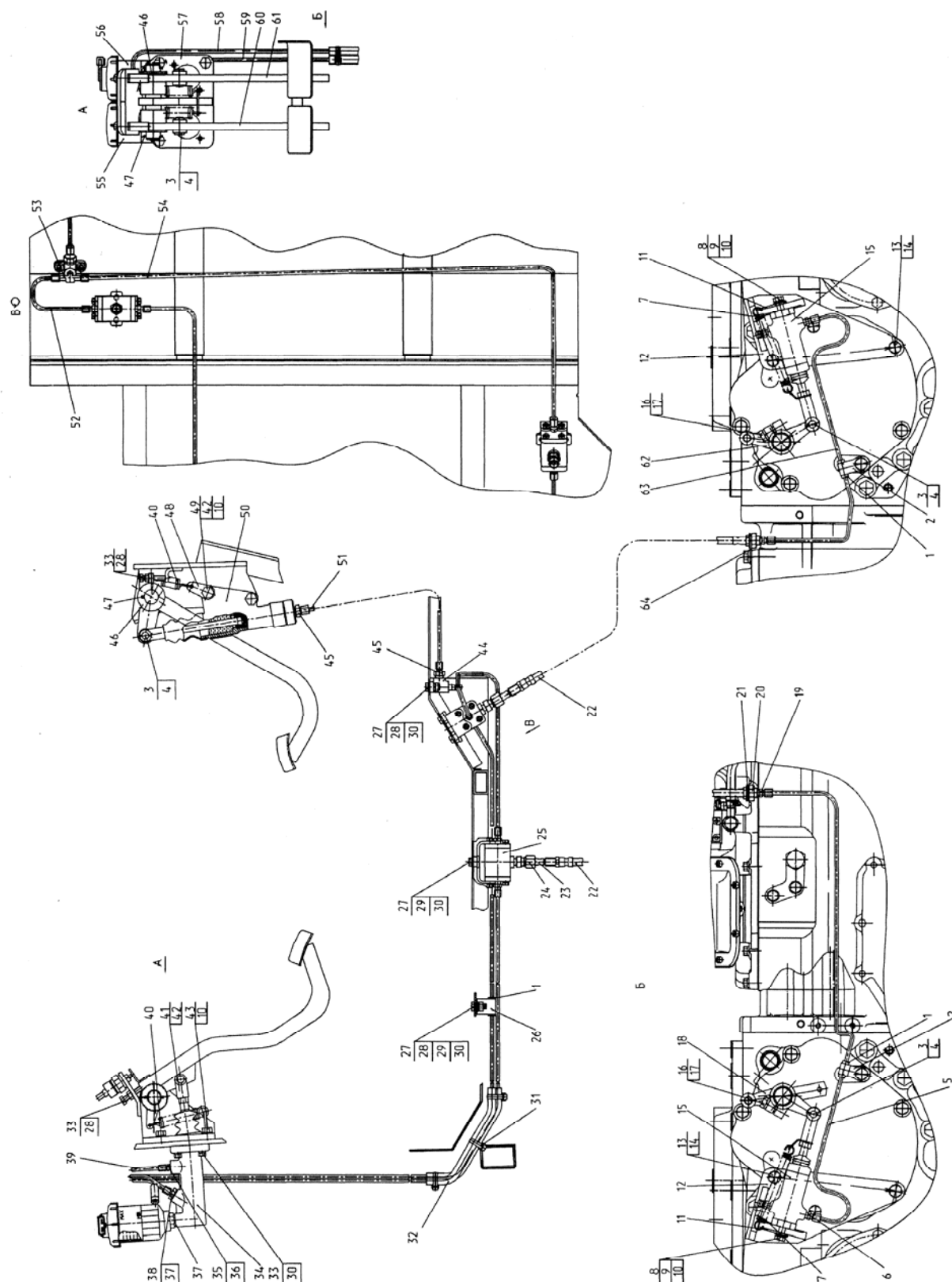


Fig. 35.3. Brake control for the reverse motion

Group 35. Brakes
Subgroup 3503. Brake control for the reverse motion

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.3		2022B-3503700	1	Brake control (1-63)
	1	1522-2407317	3	Tube
	2	70-4802045	2	Cleat
	3	3,2x18	5	Cotter pin
	4	12x32	5	Pin
	5	2022-3503270	1	Pipeline
	6	80-1701549	2	Union
	7	50-1310158-Б	2	Spring
	8	M10x30	2	Bolt
	9	ШЧ10	2	Washer
	10	ШП10	7	Washer
	11	923-1602116	2	Ear
	12	2022-3503030-Б-01	1	Right-hand bracket
	13	2022-3502009-01	6	Bolt
	14	ШП14	6	Washer
	15	822-162550-Б-01	2	Master cylinder
	16	M12x35	2	Bolt
	17	ШП12	2	Washer
	18	2022-3502045	1	Lever
	19	2022-3503082	2	Adapter
	20	M16x1,5	2	Nut
	21	ШЧ16	2	Washer
	22	923-3503200-01	2	Flexible hose pipe of the brakes, type IV
	23	923-3503221	2	Nipple
	24	Д80-4607212	2	Nut
	25	2822-1602100-03	2	Tap
	26	48-1104016	1	Clip
	27	M8x25	7	Bolt
	28	M8	6	Nut
	29	ШЧ8	5	Washer
	30	ШП8	11	Washer
	31	80-3723045	3	Collar
	32	1522-3503703	2	Tube
	33	M8x35	7	Bolt
	34	"CARLISLE" S73067386	2	Master cylinder
	35	822-3503084	2	Union
	36	36-1104788	2	Gasket
	37	Д18-055-A	4	Seal ring
	38	822-3503083	2	Union
	39	822-3503100	1	Pipeline
	40	70-4616033 substitute	3	Spring
	41	822-3502203	2	Fork
	42	M10	4	Nut
	43	M10x25	3	Bolt
	44	80B-1602106-Б	1	Angle piece
	45	822-3503701	2	Union
	46	50-3503071	3	Washer
	47	5x36	3	Cotter pin
	48	80-1602116	1	Ear
	49	M10x70	2	Bolt
	50	1221B-1602610	1	Master cylinder

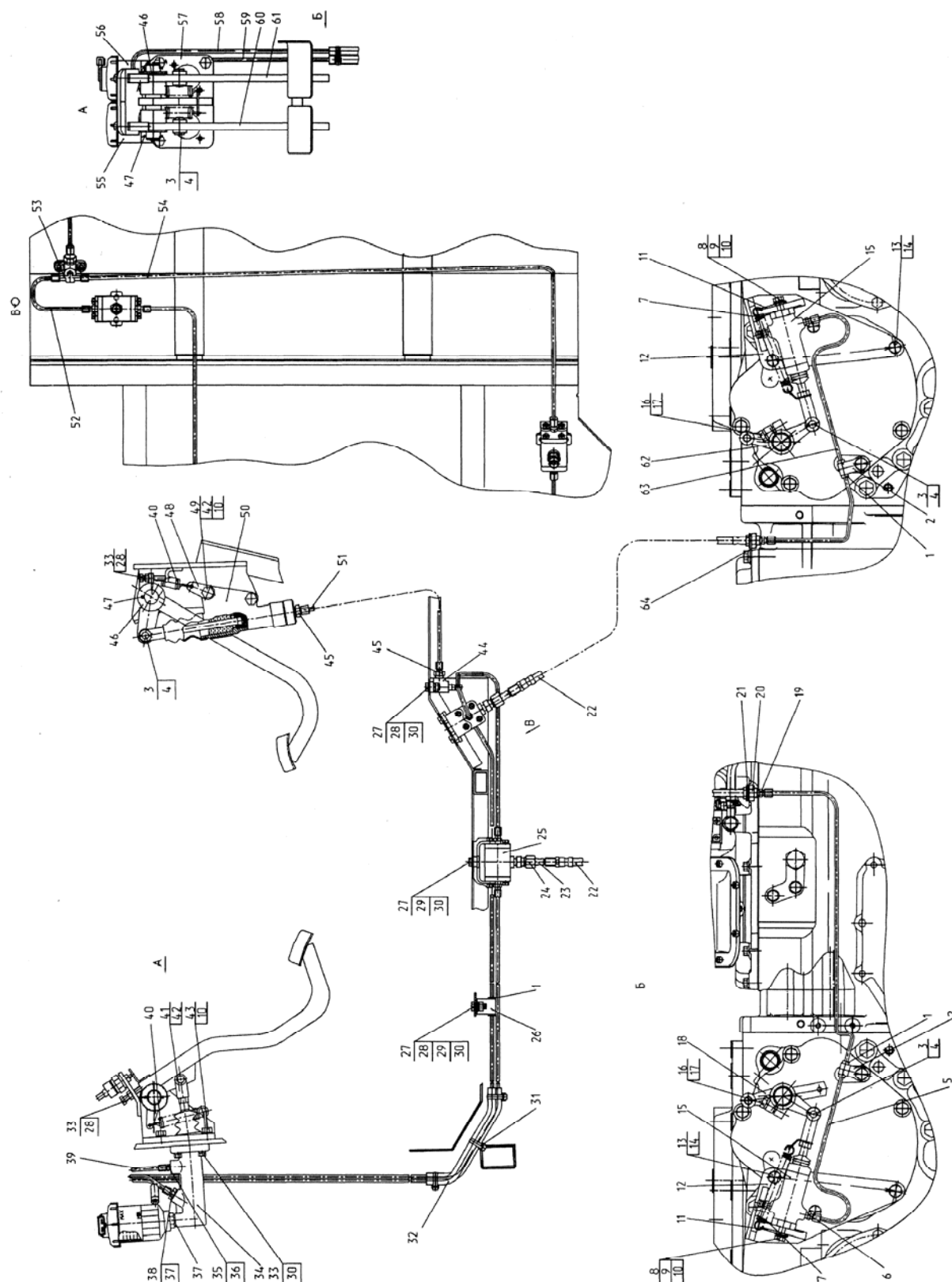


Fig. 35.3. Brake control for the reverse control

Group 35. Brakes
Subgroup 3503. Brake control for the reverse control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.3	51	2022B-3503830	1	Pipeline
	52	1523B-3503840	1	Pipeline
	53	1221-2407288	1	T-branch
	54	2022B-3503850	1	Pipeline
	55	822-3503090	1	Reservoir
	56	822-3503090-01	1	Reservoir
	57	923-3503720	1	Bracket
	58	1522-3503070	1	Pipeline
	59	1522-3503080	1	Pipeline
	60	923-3503740	1	Left-hand pedal
	61	923-3503730	1	Right-hand pedal
	62	2022-3502048	1	Left-hand lever
	63	2022-3503280	1	Pipeline
	64	2022-3503261	2	Plate

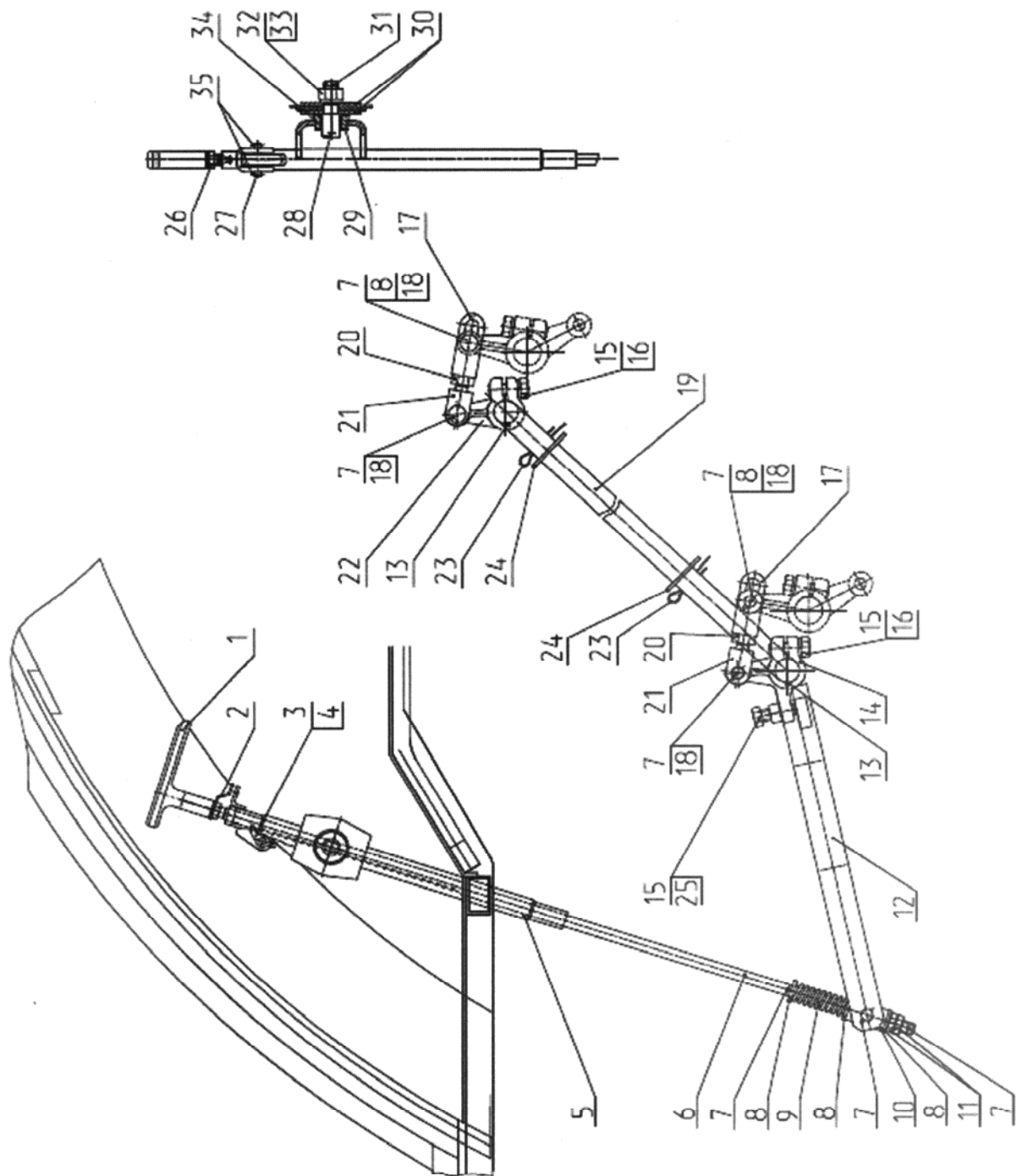


Fig. 35.4. Parking brake control

Group 35. Brakes
Subgroup 3503. Parking brake control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.4		2022-3507010	1	Manual brake control (1-35)
		1522-3507020	1	Pull-out mechanism (1-6, 26-29, 31, 34, 35)
		2022-3507160	2	Rod (17, 20, 21)
	1	1522-3507021-A	1	Handle
	2	1522-3507023	1	Stop
	3	1522-3507022	1	Pawl
	4	1522-3507024	1	Spring
	5	1522-3507030-A	1	Bracket
	6	1522-3507025	1	Rod
	7	4x25	7	Cotter pin
	8	ШЧ12	5	Washer
	9	77.55.230	1	Spring
	10	1522-3507012	1	Journal
	11	M12x1,25	2	Nut
	12	2022-3507040	1	Lever
	13	СШ-611	2	Key
	14	2022-3507044	1	Left-hand lever
	15	M12-35	3	Bolt
	16	ШП12	2	Washer
	17	2022-3507162	2	Fork
	18	12x32	4	Pin
	19	2022-3507015	1	Roller
	20	M12x1,25	2	Nut
	21	1021-3507161-01	2	Rod
	22	2022-3507049	1	Right-hand lever
	23	5x36	2	Cotter pin
	24	50-3503071	2	Washer
	25	M12	1	Nut
	26	52-2203013	1	Nut
	27	1522-3507029	1	Pin
	28	4x25	1	Cotter pin
	29	ШЧ18	1	Washer
	30	1522-3507013	2	Washer
	31	1522-3507038	1	Axle
	32	M14x1,5	1	Nut
	33	ШП14	1	Washer
	34	1522-3507028	1	Bushing
	35	1,6x12	2	Cotter pin

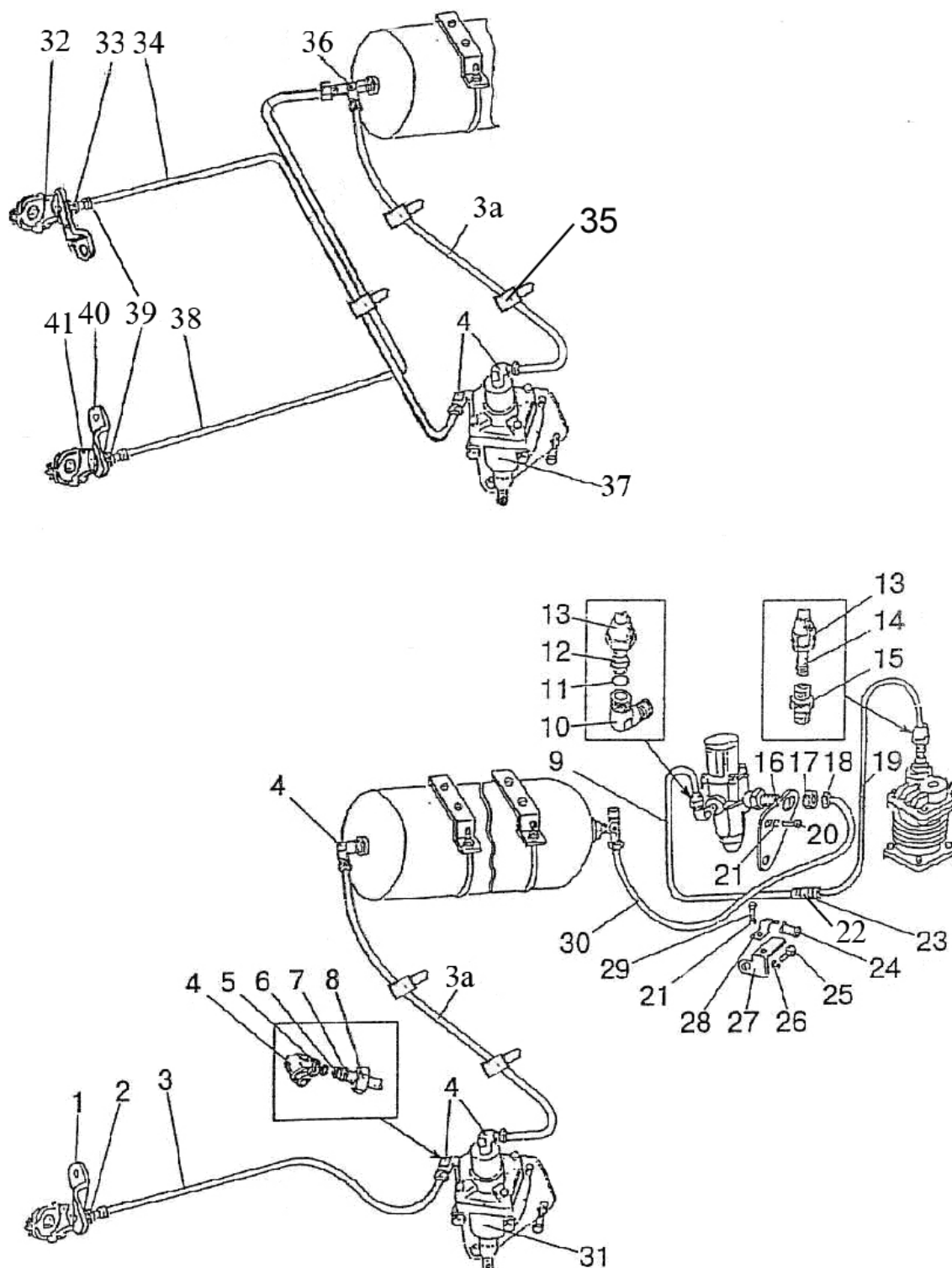


Fig. 35.5. Pipelines and fittings of the trailer brakes

Group 35. Brakes
Subgroup 3506. Pipelines and fittings of the trailer brakes

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.5		1522-3506010	1	Pipeline (13,14,19)
		1522-3506020	1	Pipeline (6-8,18,30)
		1522-3506020-01	1	Pipeline (3,3a,6,7,8)
		1522-3506030	1	Pipeline (9,12,13)
		1522M-3506040	1	Pipeline (3,6,7,8)
		1522M-3506050	1	Pipeline (3a,6,7,8)
		1522-3506520	1	Pipeline (6,7,8,38)
		1021-3506020-03	1	Pipeline (6,7,8,34).
	1	1522-3521011	1	Bracket
	2	1522-3521012	1	Union
	3	1522-3506021-01	1	Tube
		1522M-3506041**	1	Tube
	3a	1522-3506021-01	1	Tube
		1522M-3506051**	1	Tube
	4	1522-3514033	3	Angle piece
	5	012-015-19-2-4	6/8	Ring
	6	1522-3506022	6/8	Nipple
	7	1522-3506024	6/8	Coupling
	8	1522-3506023	5/6	Nut
	9	1522-3506031	1	Tube
	10	70-3506033	1	Angle piece
	11	014-017-19-2-4	1	Ring
	12	70-3506028	1	Coupling
	13	70-3506023	2	Coupling nut
	14	80-3506024	1	Coupling
	15	70-3506022	1	Union
	16	1522-3512012	1	Bracket
	17	80-3512006	1	Locknut
	18	1522-3506026	1	Coupling nut
	19	1522-3506011	1	Pipeline
	20	M8x30	2	Bolt
	21	ШП 8	3	Washer
	22	70-1405013	1	Hose
	23		2	Norma TORRO clamp 16-22/9-C6W
	24	70-3506027	1	Bushing
	25	M1 6x32	1	Bolt
	26	ШП16	1	Washer
	27	1221-3506034	1	Bracket
	28	70-6804011	1	Holder
	29	M8x16	1	Bolt
	30	1522-3506021	1	Tube
	31	80-3514010	1	Brake valve
		A29.351.4010*	1	Brake valve
	32	64226-3521111	1	Coupling head
	33	1522-3521512	1	Bracket
	34	1021-3506021-03	1	Tube
	35	80-3723045	2	Collar

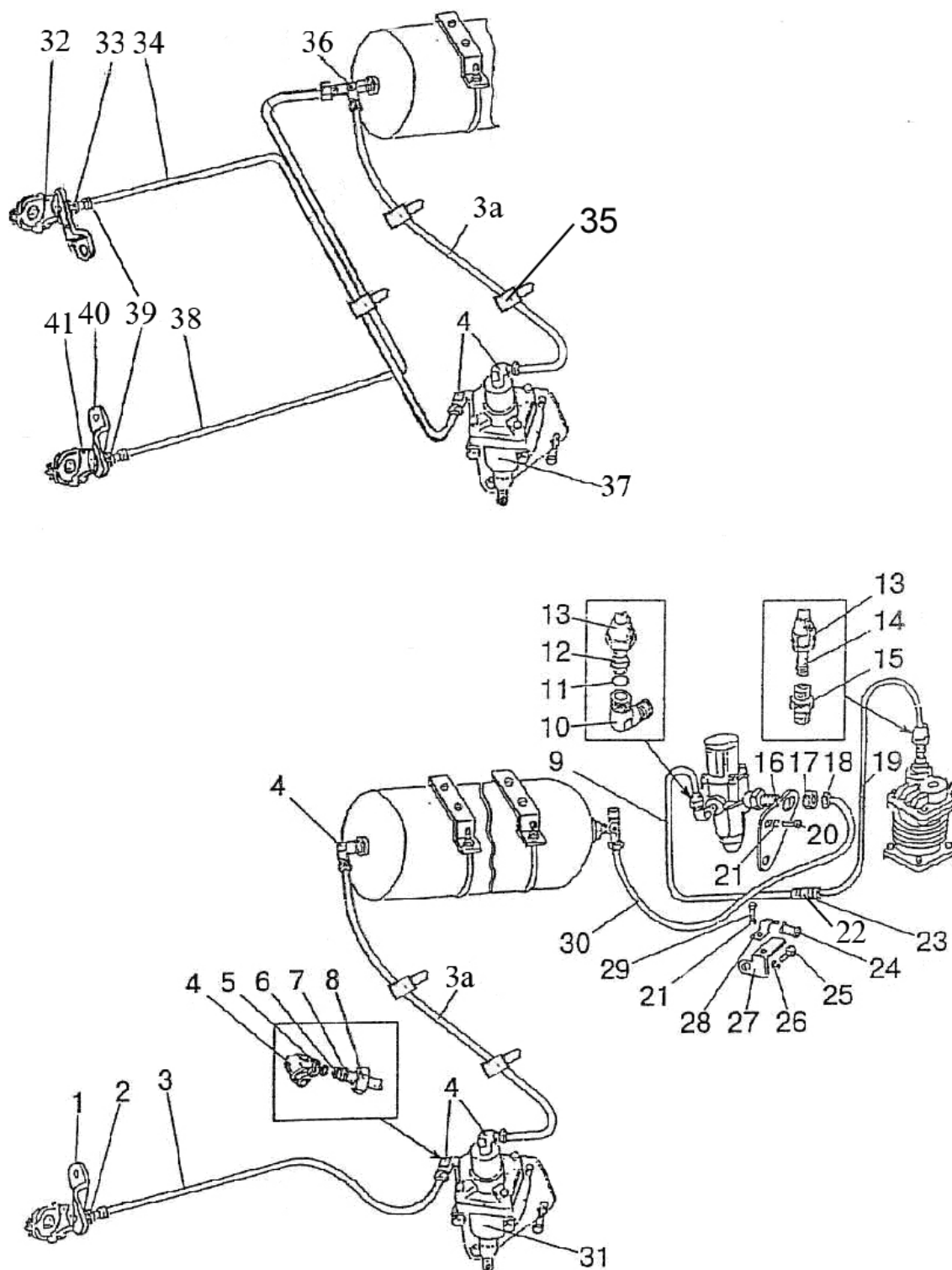


Fig. 35.5. Pipelines and fittings of the trailer brakes

Group 35. Brakes
Subgroup 3506. Pipelines and fittings of the trailer brakes

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.5	36	1522-3513551	1	T-branch
	37	80-3514010-02	1	Brake valve
		A29.351.4010-02*	1	Brake valve
	38	1522-3506521	1	Pipeline
	39	1522-3521513	2	Union
	40	1522-3521511	1	Bracket
	41	64226-3521110	1	Coupling head

* Variant

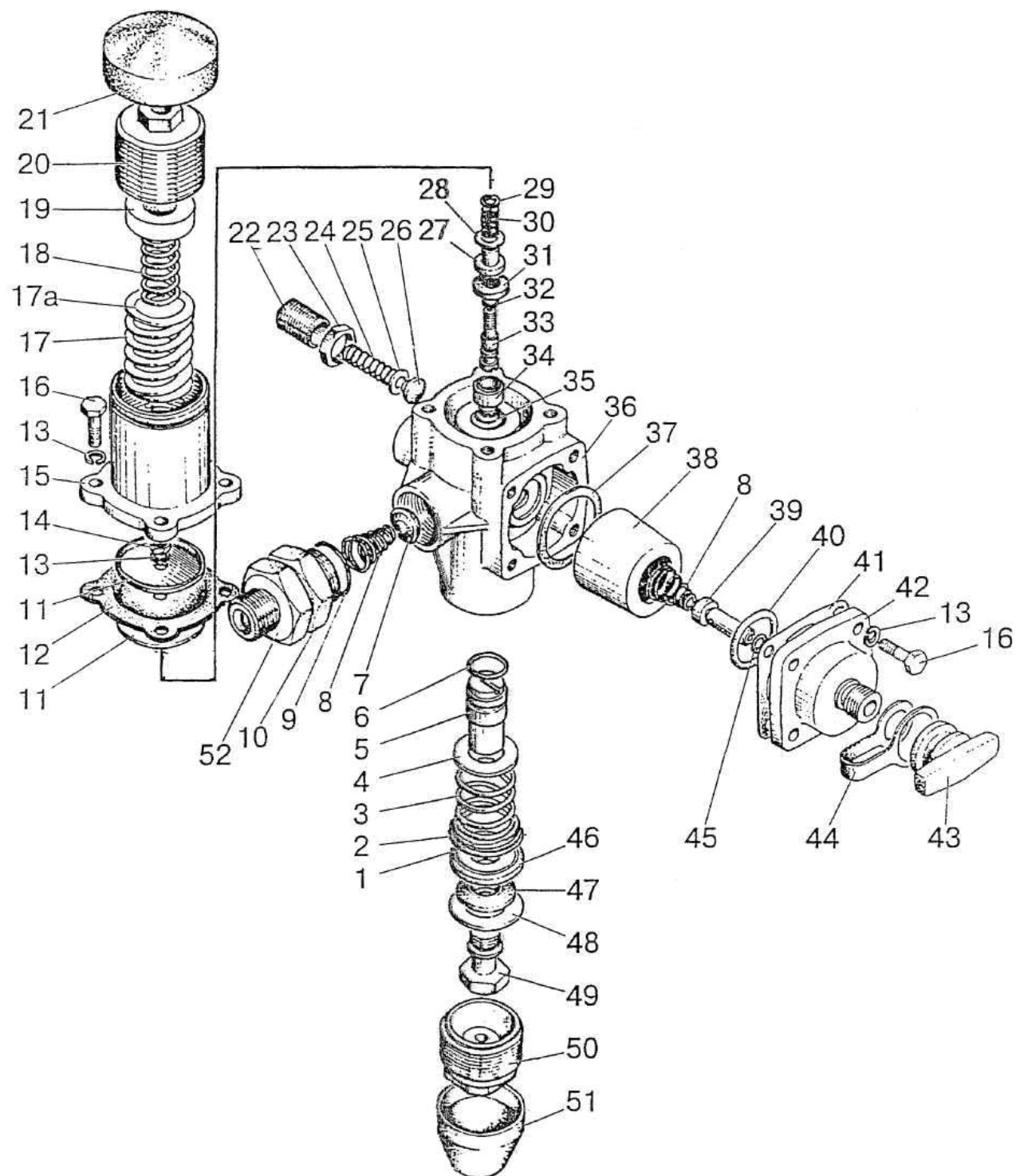


Fig. 35.6. Pressure regulator

Group 35. Brakes
Subgroup 3512. Pressure regulator

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.6		80-3512010	1	Pressure regulator assembly (1-10, 12-35)
		80-3512020	1	Valve (3-6, 48-51)
		80-3512141	1	Diaphragm (11-14, 27-33)
	1	80-3512113	1	Gasket
	2	035-040-25	1	Ring
	3	80-3512026	1	Spring
	4	80-3512027	1	Washer
	5	80-3512028	1	Piston
	6	016-020-25	1	Ring
	7	80-3512110	1	Valve
	8	80-3512131	2	Spring
	9	024-028-25	1	Ring
	10	80-3512111	1	Union
	11	80-3512032	2	Washer
	12	80-3512050	1	Diaphragm
	13	ШП6	9	Washer
	14	M6	1	Nut
	15	80-3512106	1	Housing
	16	M6x20	8	Bolt
	17	80-3512104	1	Spring
	17a	80-3512109	1	Cap
	18	80-3512105	1	Spring
	19	80-3512109-01	1	Cap
	20	80-3512107	1	Cover
	21	80-3512108	1	Hood
	22	80-3512134	1	Screw
	23	80-3512115	1	Nut
	24	80-3512116	1	Spring
	25	80-3512129	1	Washer
	26	80-3512130	1	Valve
	27	80-3512036	1	Bushing
	28	80-3512143	1	Washer
	29	80-3512142	1	Gasket
	30	80-3512034	1	Spring
	31	80-3512037	1	Valve
	32	007-010-19	1	Ring
	33	80-3512038	1	Slide valve
	34	80-3512103	1	Seat
	35	80-3512133	1	Gasket
	36	80-3512040	1	Housing
	37	80-3512127	1	Gasket
	38	80-3512119	1	Filter
	39	80-3512122	1	Pusher
	40	024-030-36	1	Ring

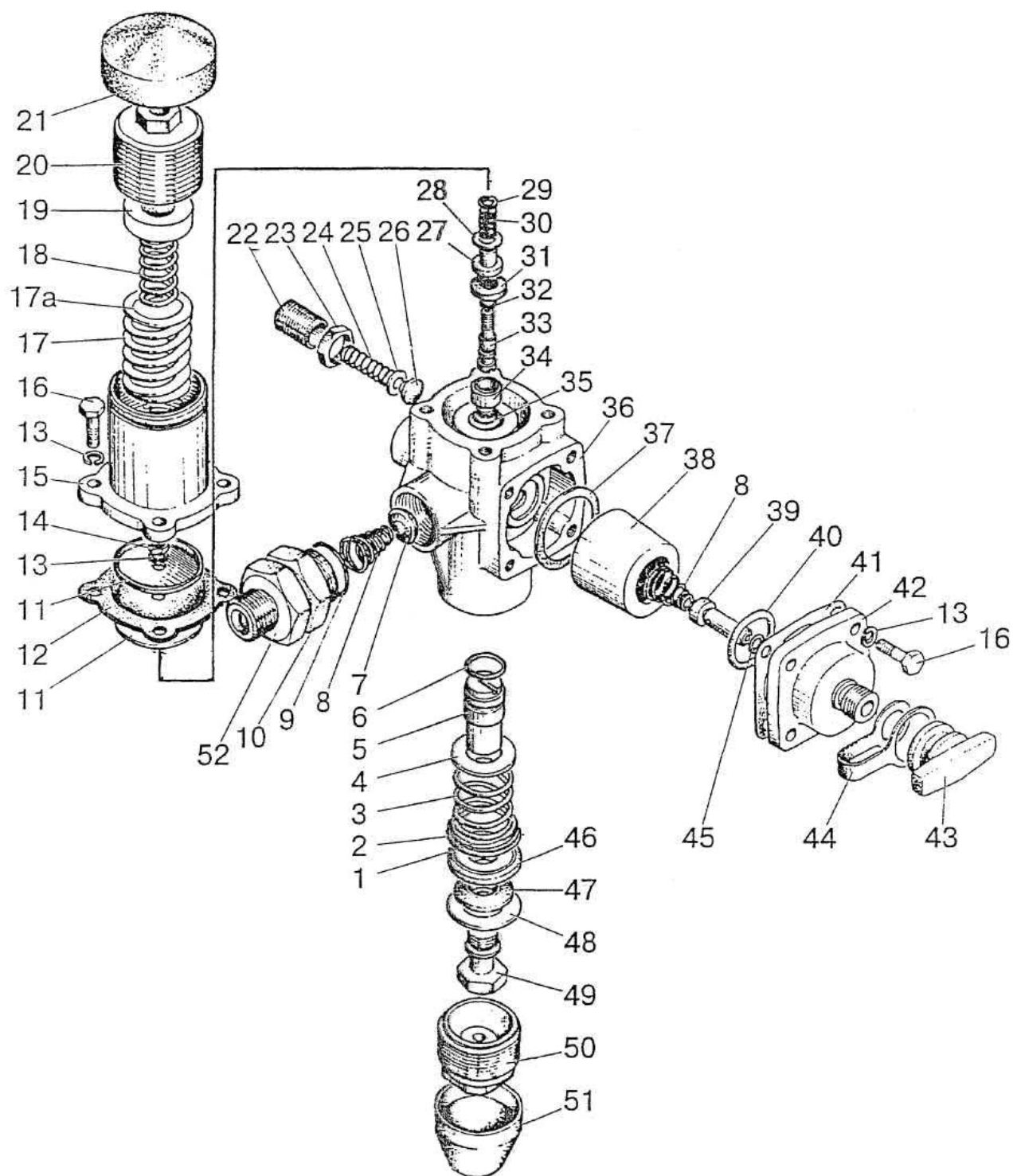


Fig. 35.6. Pressure regulator

Group 35. Brakes
Subgroup 3512. Pressure regulator

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.6	41	80-3512125	1	Gasket
	42	80-3512123	1	Cover
	43	105.059.05.005	1	Nut
	44	105.069.05.006	1	Band
	45	006-010-25	1	Ring
	46	80-3512022	1	Seat
	47	80-3512023	1	Bushing
	48	80-3512021	1	Washer
	49	80-3512024	1	Stem
	50	80-3512102	1	Cover
	51	80-3512101	1	Nozzle
	52	80-3512006	1	Locknut

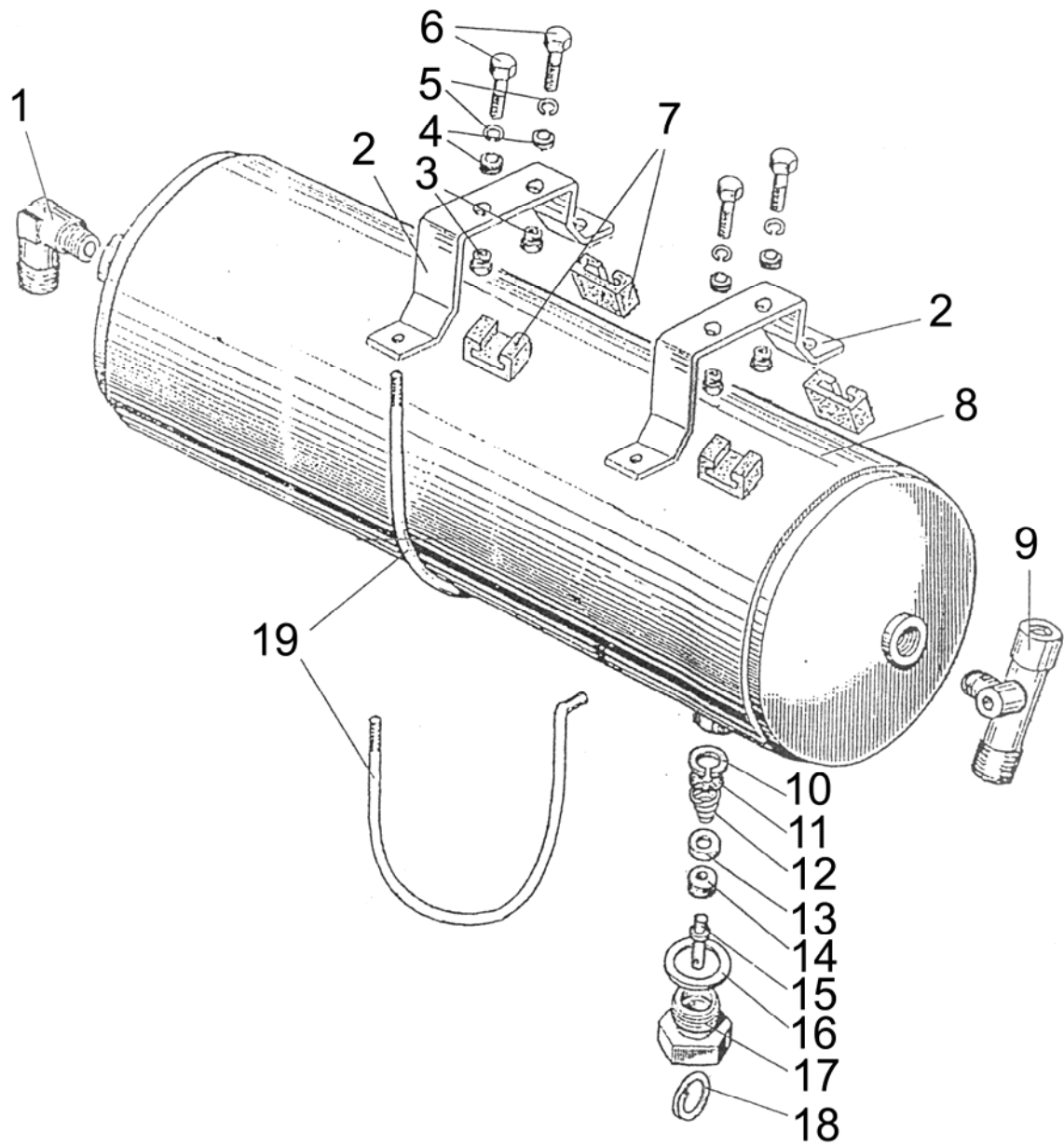


Fig. 35.7. Bottle

Group 35. Brakes
Subgroup 3513. Bottle

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.7		85-3513110	1	Valve (10-17)
	1	1522-3514033	1	Angle piece
	2	B50-3513025-A	2	Bracket
	3	1522-3513011	4	Nut
	4	1522-3513012	8	Bushing
	5	10OT	4	Washer
	6	M10x65	4	Bolt
	7	ПР-43-01	4	Seal
	8	50-3513015-A	1	Bottle
	9	1021-3513015	1	T-branch
	10	85-3513128	1	Ring
	11	85-3513117	1	Filter
	12	85-3513125	1	Spring
	13	85-3513112-A1	1	Plate
	14	85-3513113	1	Valve
	15	85-3513124	1	Pusher
	16	B50-3522023	2	Gasket
	17	85-3513120	1	Housing
	18	H50-4202146	1	Ring
	19	B50-3513032	2	Clamp

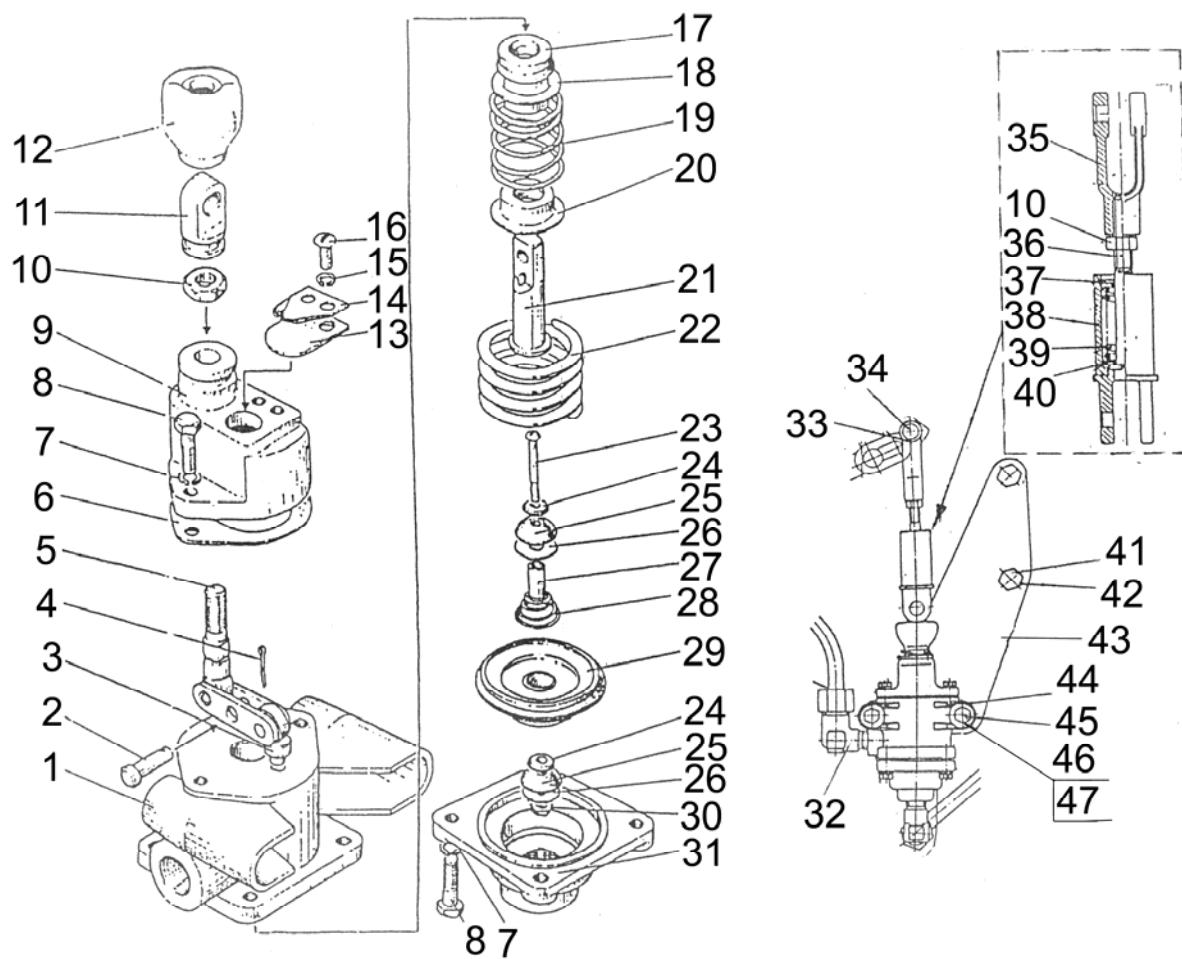


Fig. 35.8. Brake valve

Group 35. Brakes
Subgroup 3514. Brake valve

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.8		80-3514010 or A29.3514010	1	Brake valve
		80-3514020	1	Diaphragm (22-29)
		80-3514060	1	Housing (1, 3, 17)
		80-3514120	1	Rod (39-43)
	1	803514061	1	Housing
	2	6x18	1	Pin
	3	80-3514063	1	Pin
	4	2x12	1	Cotter pin
	5	80-3514070	1	Rod
	6	ШКЯМ 188.00.02	1	Gasket
	7	ШП 6	6	Washer
	8	M6x20	6	Bolt
	9	80-3514084	1	Cover
	10	M8	2	Nut
	11	80-3514017	1	Ear
	12	80-3514016	1	Boot
	13	80-3514019	1	Valve
	14	80-3514018	1	Hold-down
	15	ШП5	2	Washer
	16	BM5x12	2	Screw
	17	80-3514062	1	Collar
	18	80-3514087	1	Bushing
	19	80-3514014	1	Spring
	20	80-3512013	1	Spring plate
	21	80-3514082	1	Stem
	22	80-3514012	1	Spring
	23	80-3514023	1	Screw
	24	80-3514021	2	Washer
	25	80-3514026	2	Valve
	26	80-3514027	2	Washer
	27	80-3514022	1	Pipe
	28	80-3514024	1	Spring
	29	80-3514040	1	Diaphragm
	30	M4	1	Nut
	31	80-3514083	1	Cover
	32	1522-3514033	2	Angle piece
	33	3,2x18	2	Cotter pin
	34	8x30	2	Pin
	35	A20-213-A	1	Fork
	36	2022-3514011	1	Stem
	37	C20	1	Ring
	38	2022-3514015	1	Housing
	39	ДСШ-14.21.141	1	Spring

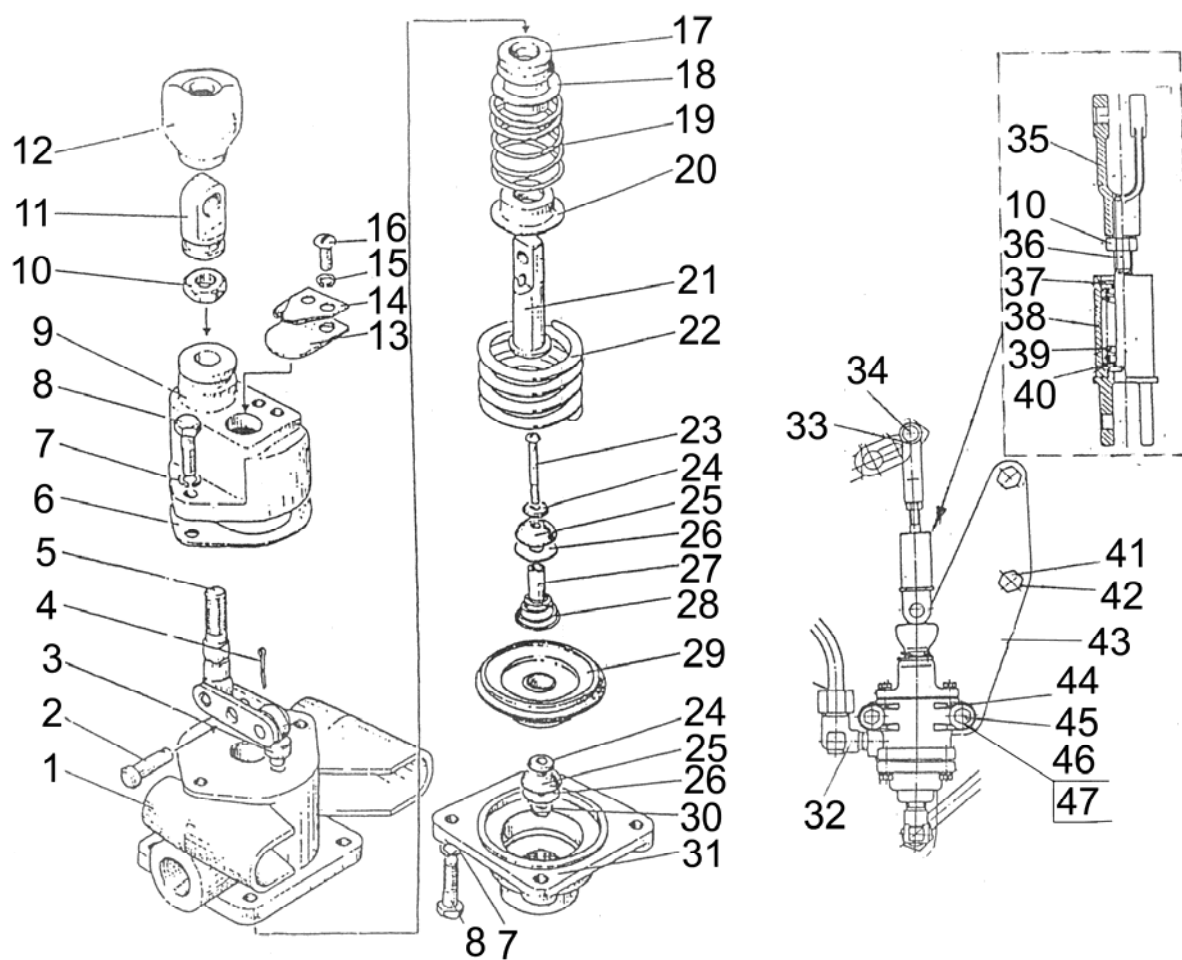


Fig. 35.8. Brake valve

Group 35. Brakes
Subgroup 3514. Brake valve

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.8	40	822-1723014	2	Washer
	41	2022-3502009-01	2	Bolt
	42	14OT	2	Washer
	43	2022-3514021	1	Bracket
	44	85-3514012	2	Boss
	45	M10x100	2	Bolt
	46	C10	2	Washer
	47	10OT	2	Washer

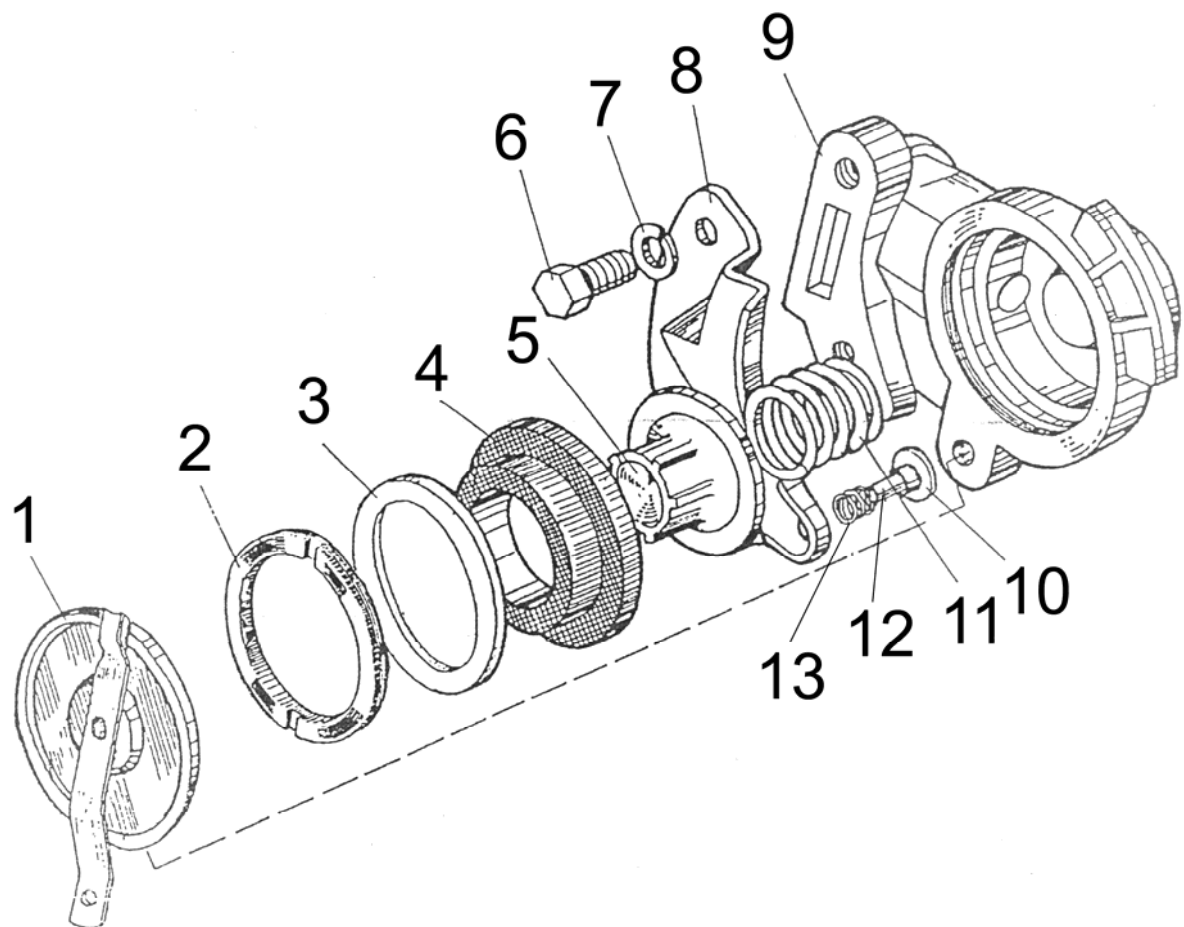


Fig. 35.9. Coupling head

Group 35. Brakes
Subgroup 3514. Coupling head

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
35.9		80-3521010	1	Coupling head (1-13)
	1	ШКЯМ 1.010-04	1	Choke
	2	105.069.11.005	1	Nut
	3	105.069.11.004	1	Gasket
	4	105.069.11.003	1	Ring
	5	ШКЯМ 186.002	1	Valve
	6	M6x14	2	Bolt
	7	ШП 6	2	Washer
	8	80-3521018	1	Lock
	9	80-3521017	1	Body
	10	ШКЯМ 252.00.001	1	Bushing
	11	105.069.11.007	1	Spring
	12	ШКЯМ 252.00.003	1	Axle
	13	ШКЯМ 252.00.002	1	Spring
		A29.76.000	1	Coupling head

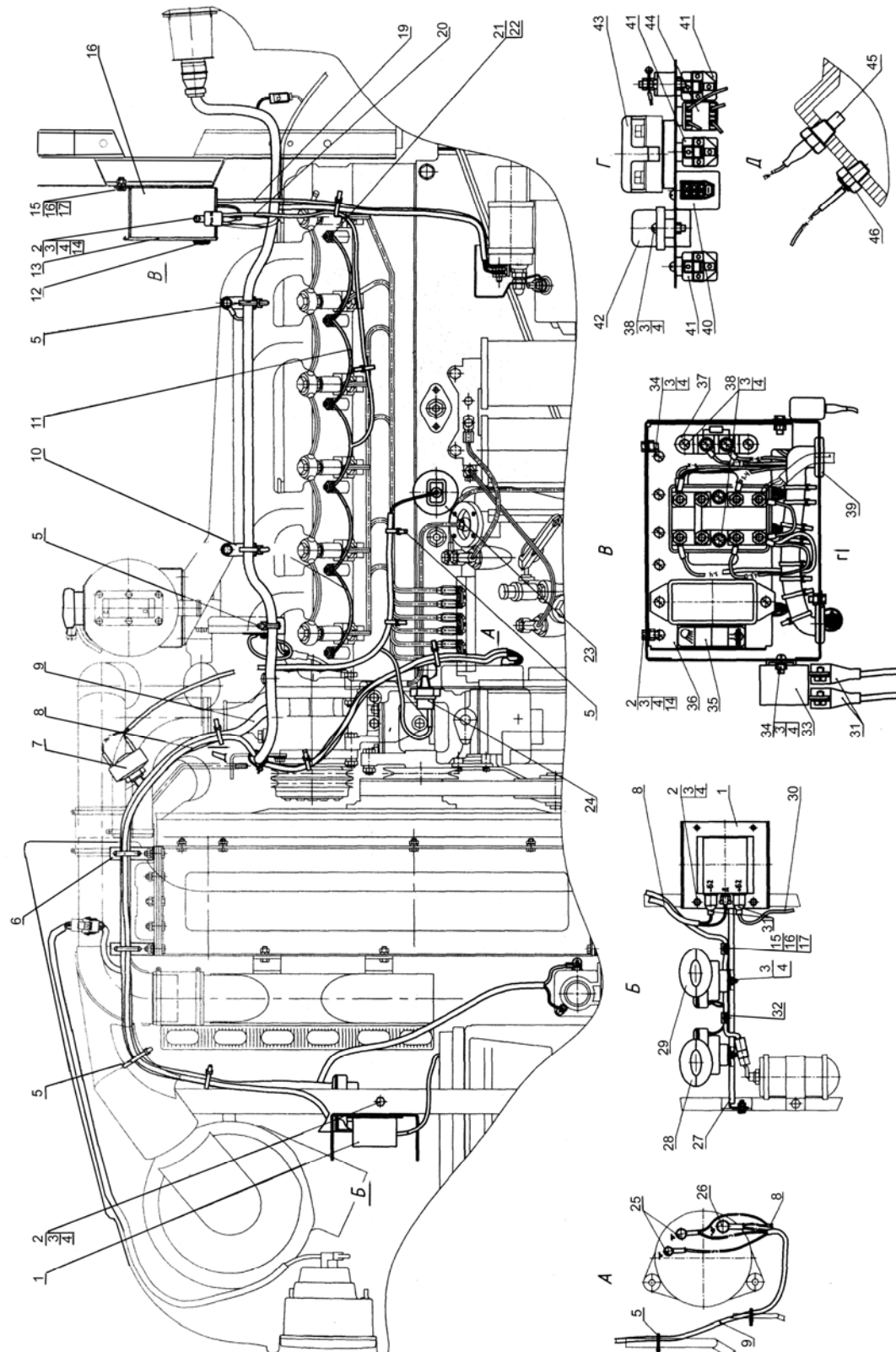


Fig. 37.1. Electric equipment for the engine

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
37.1		2022-3700030	1	Electric equipment for the engine
	1	3759.10	1	Voltage transformer
	2	M6x14	9	Bolt
	3	M6	22	Nut
	4	6T	1	Washer
	5	80-3723045	14	Collar
	6	70-6702111	2	Angle piece
	7	3845.10	1	Air cleaner clogging sensor
	8	2022-3724345-Б	1	Bundle
	9	2022-3724360-Б	1	Bundle
	10	80-3723016	1	Bracket
	11	1221-3724383	4	Wire
	12	80-3805065	1	Screw
	13	1522-3747013	1	Cover
	14	C6.01.08кп.019	7	Washer
	15	M8x20	2	Bolt
	16	M8	3	Nut
	17	8T	2	Washer
	18	1522-3747010	1	Box
	19	80-3724381	1	Wire
	20	1221-3724380	1	Bundle
	21	M5	6	Nut
	22	5T	6	Washer
	23	3829.10	1	Engine oil pressure sensor
	24	3829.15	1	Emergency oil pressure sensor
	25	M2-14.13.238	2	Boot
	26	54.24.445Б	1	Lug
	27	2022-3721011	1	Bracket
	28	3721.15	1	Low-pitch horn
	29	3721.20	1	High-pitch horn
	30	920-3724368-Б	1	Wire
	31	70-3723035	4	Lug
	32	70-1115012	2	Clip
	33	3747.35	1	Glow plug relay
	34	B.M6x10	7	Screw
	35	2022-3722011	1	Data plate
	36	1522-3747011	1	Panel
	37	3741.25	1	Additional resistor of the alternator
	38	B.M6x20	4	Screw
	39	80-3723042-02	2	Bushing
	40	3741.10	1	Glow plug unit
	41	90.3747	3	Relay
	42	3722.20	1	Fuse block
	43	3722.40	1	Fuse block
	44	3747.25	1	Starter solenoid switch
	45	3828.10	1	Temperature gauge sensor
	46	3844.10	1	Emergency temperature sensor

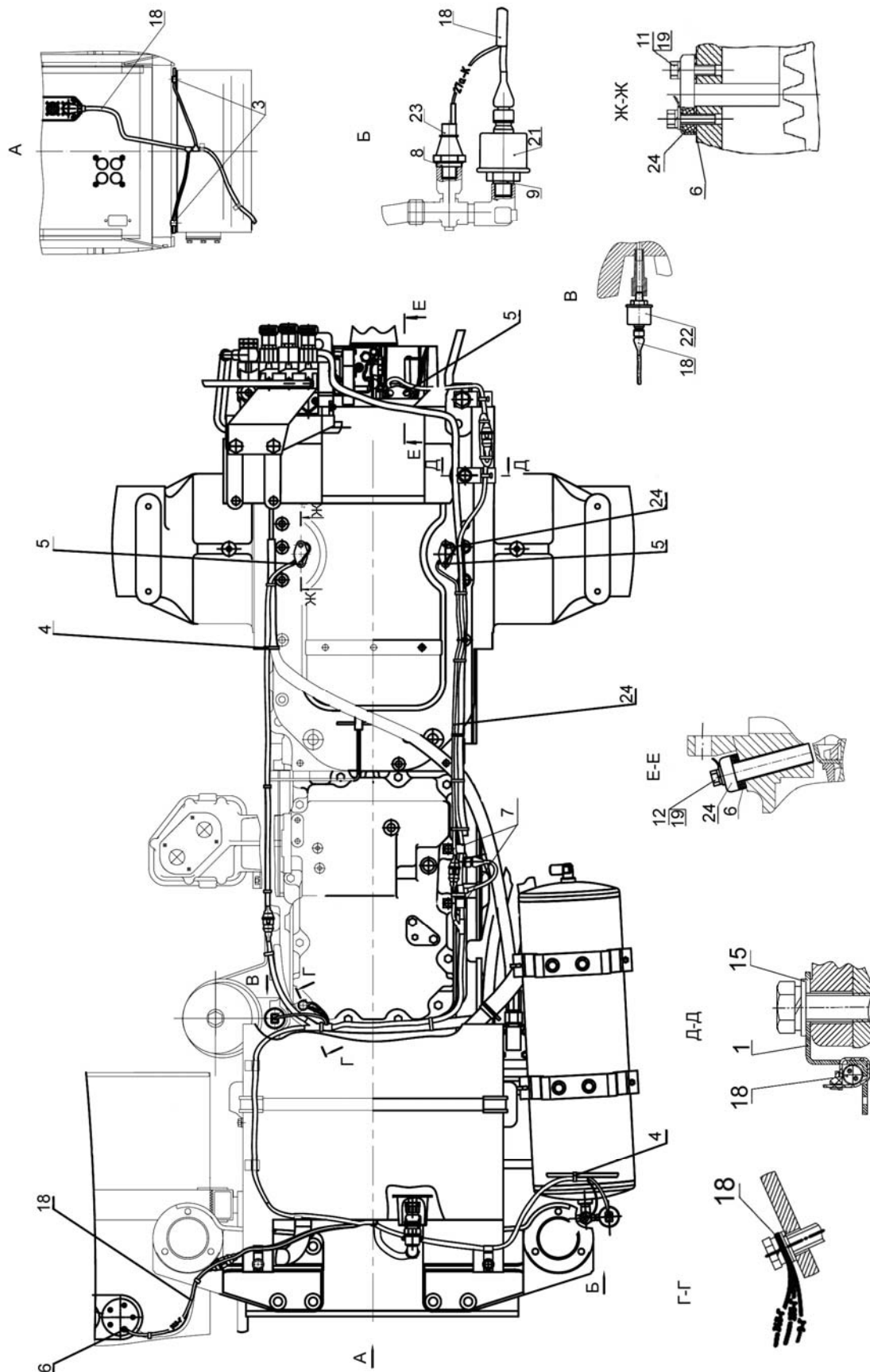


Fig. 37.2. Electric equipment for the transmission

Group 37. Electric equipment
Subgroup 3700. Electric equipment for the transmission

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
37.2		2022-3700040-Б	1	Electric equipment for the transmission
	1	2022-3723011	2	Bracket
	3	822-3723001	2	Cramp
	4	80-3723045-01	20	Collar
	6	80-3843001-01	11 maxim um	Shim
	7	70-1115012-03	2	Clip
	8	85-1702051	1	Washer
	9	Д18-055-А-01	1	Seal ring
	11	M8-6gx25.88.035.019	4	Bolt, State Standard (ГОСТ) 7796-70
	12	M8-6gx30.88.035.019	2	Bolt, State Standard (ГОСТ) 7796-70
	14	C10.01.019	2	Washer, State Standard (ГОСТ) 11371-78
	15	C14.01.019	1	Washer, State Standard (ГОСТ) 11371-78
	16	C20.01.019	1	Washer, State Standard (ГОСТ) 11371-78
	18	2022-3724315-Б1	1	Transmission bundle, State Standard (ГОСТ) 23544-84
	19	8T	6	Washer, Branch Standard (ОСТ) 37.001.115-75
	21	3829.20	1	Air pressure sensor
	22	3829.30	1	GB oil pressure sensor
	23	3829.25	1	Air emergency pressure sensor
	24	3843.15	3	Rotational speed sensor

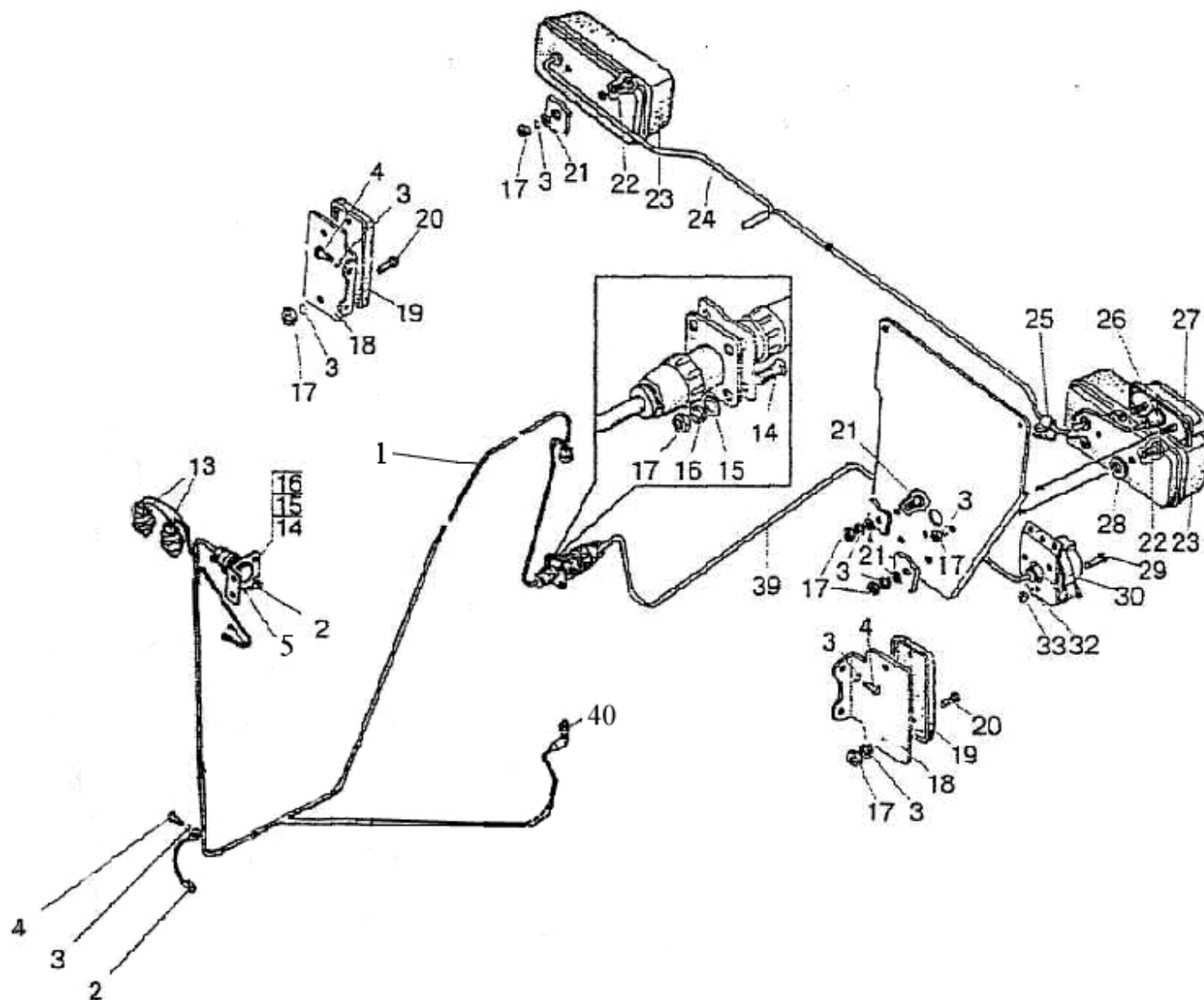


Fig. 37.3. Electric equipment for the cap I

Group 37. Electric equipment
Subgroup 3700. Electric equipment for the cap

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
37.3	1	923-3724100-Г	1	Cab bundle
	2	822-3724012	1	Wire
	3	ШП6	17	Washer
	4	M6x12	7	Bolt
	5	923-3723042	2	Bushing
	9	1522-3712003	2	Bracket
	13	3720.10	2	Stop-light switch
	14	BM3x16	8	Screw
	15	ШЧ3	8	Washer
	16	ШП3	8	Washer
	17	M6	12	Nut
	18	1222-3731003	2	Bracket
	19	3731.10	2	Cat's eye
	20	BM6x16	6	Screw
	21	ШЧ6	5	Washer
	22	BM6x20	4	Screw
	23	3716.10	2	Rear light
	24	923-3724160-Б	1	Rear light bundle
	25	70-1115012	2	Clip
	25	70-3723035	1	Lug
	27	3717.10	1	Number plate light
	23	80-6708904	2	Gasket
	29	BM5x35	3	Bandage
	30	3723.10	1	Trailer socket
	32	923-3723041	1	Bracket
	32	ШП5	3	Washer
	33	M5	3	Nut
	39	2522-3724203	1	Bundle
	40	3710.60	1	Parking brake lamp switch

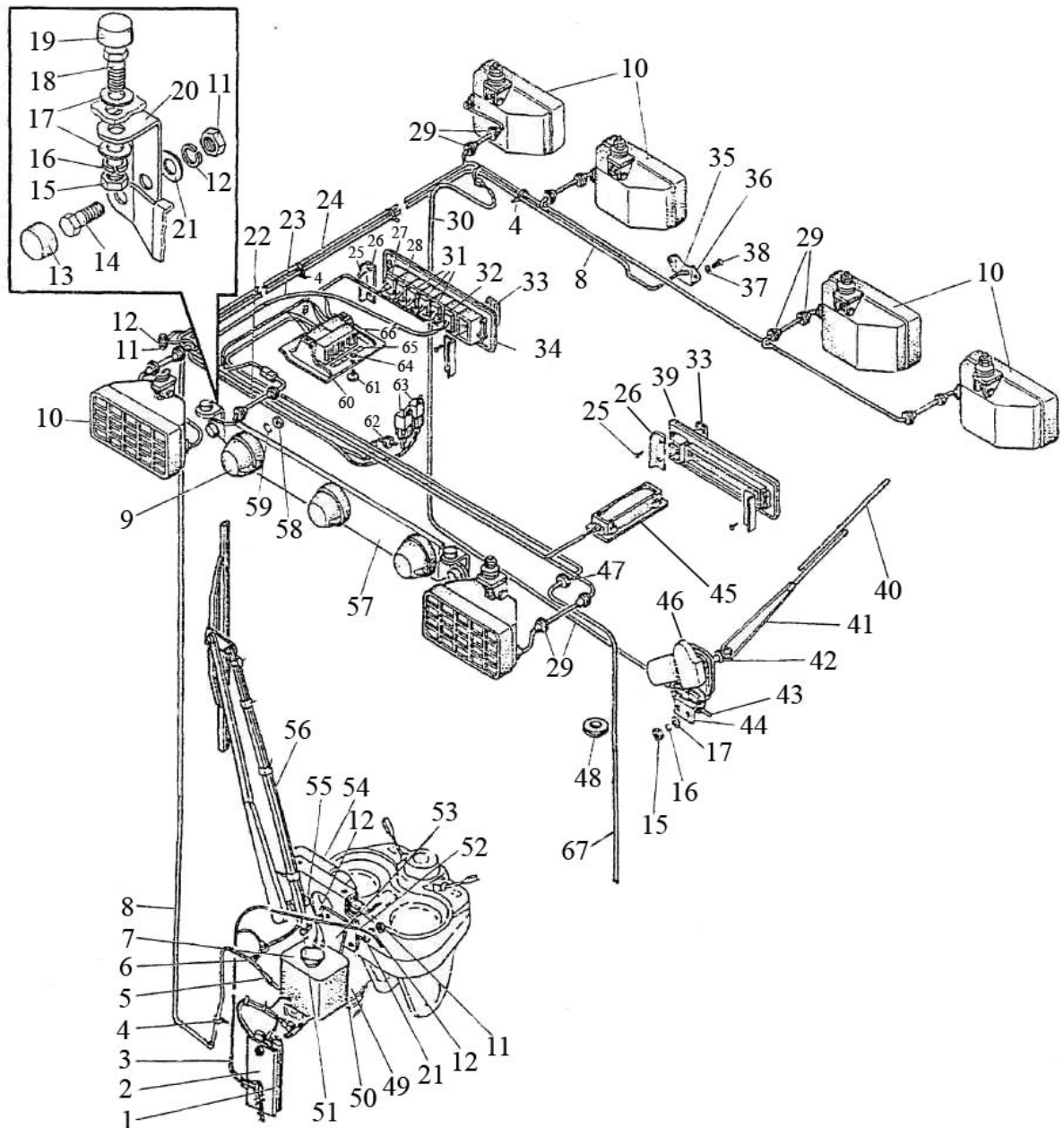


Fig. 37.4. Electric equipment for the cap II

Group 37. Electric equipment
Subgroup 3700. Electric equipment for the cap

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
37.4	1	923-3712016	1	Gasket
	2	923-3712017	1	Bracket
	3	923-3724130-B	1	Bundle
	4	80-3723045	8	Collar
	5	923-5208002	1	Tube
	6	5208.15	1	Distributor
	7	122.5208000	1	Electric washer
	8	923-5208002-01	1	Tube
	9	3738.10	3	Road train sign light
	10	8724.304/301	6	Working floodlight
	11	M6	9	Nut
	12	ШП6	17	Washer
	13	A30.04.017	2	Cap
	14	M6X16	2	Bolt
	15	M8	6	Nut
	16	ШП8	6	Washer
	17	ШЧ6	6	Washer
	18	M8x20	2	Bolt
	19	A30.04.017-01	2	Cap
	20	90-8402071-01	2	Bracket
	21	ШЧ8	6	Washer
	22	923-3724233-A	1	Bundle
	23	923-3724353-B	1	Bundle
	24	923-3724350-B	1	Bundle
	25	4x10	8	Screw nail
	26	923-3801344	4	Plate
	27	3710.40	1	Road train sign switch
	28	3709.35	1	Windscreen wiper and washer switch
	29	923-3723024	14	Bushing
	30	923-3724014-B	1	Bundle
	31	3710.30	3	Working floodlight switch
	32	3709.15	1	Fan switch
	33	80-3801327	2	Choke
	34	923-3801342	1	Shield
	35	5208.10	1	Jet
	36	70-5208011-A	1	Plate
	37	ШЧ5	2	Washer
	38	4x10	2	Screw
	39	923-7901018	1	Shield
	40	20.5212 400	1	Windscreen wiper brush
	41	20.5215 300	1	Windscreen wiper lever
	42	822-5205043	1	Bushing
	43	80-3723045-01	1	Collar
	44	923-5205022	1	Bracket
	45	3714.25	1	Cab lighting lamp 185x46.5
	46	T240-5205010	1	Drive with cover
	47	923-3723042	1	Bushing
	48	80-3723048	1	Bushing

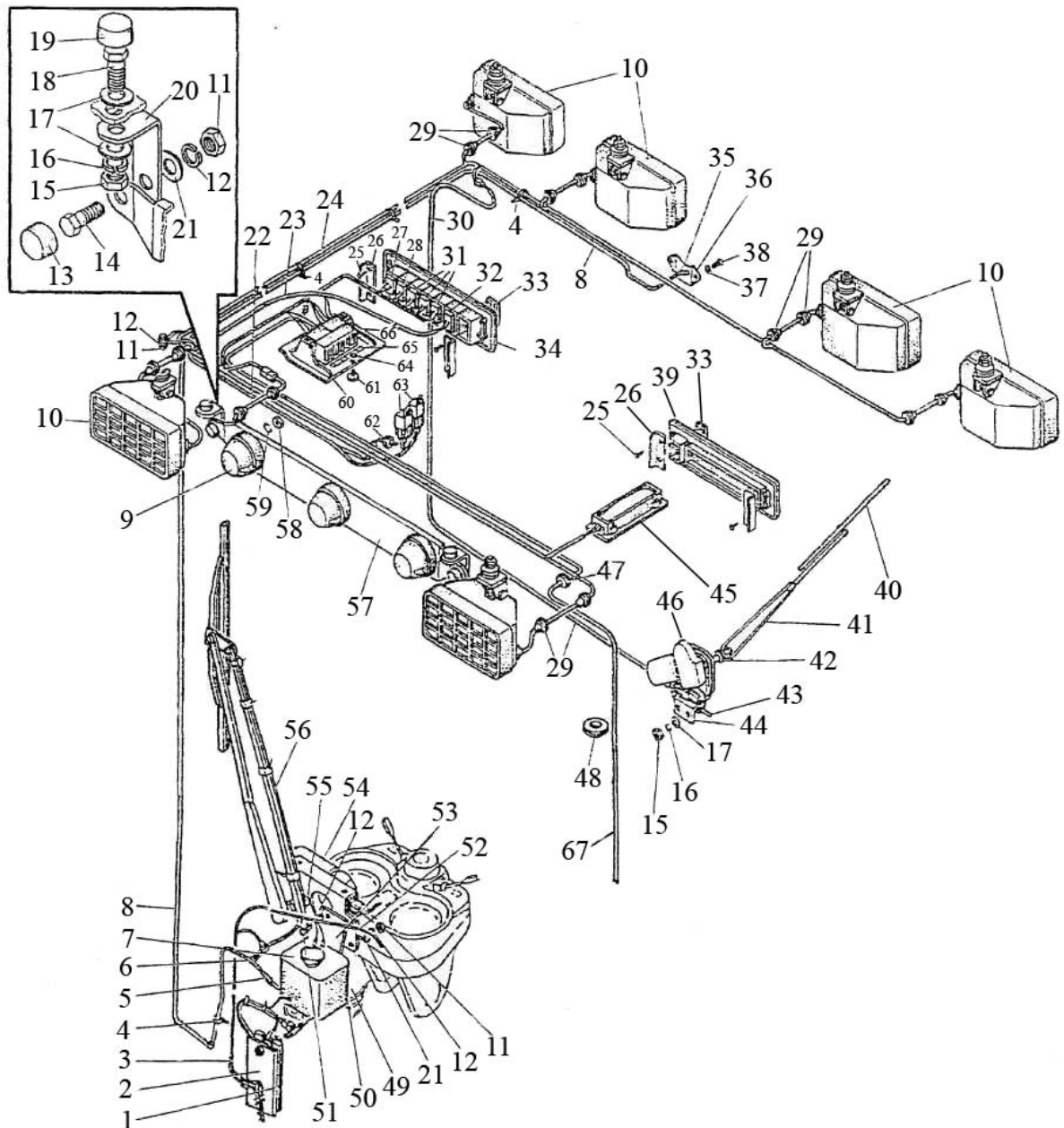


Fig. 37.4. Electric equipment for the cap II

Group 37. Electric equipment
Subgroup 3700. Electric equipment for the cap

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
37.4	49	BM4x10	2	Screw
		BM6X12	4	Screw
		M4	2	Nut
		ШП4	2	Washer
	50	122.5208 304	1	Bracket
	51	M6X12	3	Bolt
	52	923-3724130-B	1	Bundle
	53	923-5208005	1	Bracket
	54	5205.15	1	Pantograph-type windscreen wiper
	55	70-1602037	1	Bushing
	56	5205.45	1	Brush with lever 660/600 with atomizer
	57	80-3738001	1	Plate
	58	M5	6	Nut
	59	ШП5	6	Washer
	60	822-3801341	1	Shield
	61	80-3805065	1	Screw
	62	70-3723042-01	1	Bushing
	63	3747.50	2	NO relay 30A
	64	006-010-25-1-4	1	Ring
	65	923-3801343-Б	1	Data plate
	66	3722.25	1	Fuse block
	67	923-3724351	1	Bundle

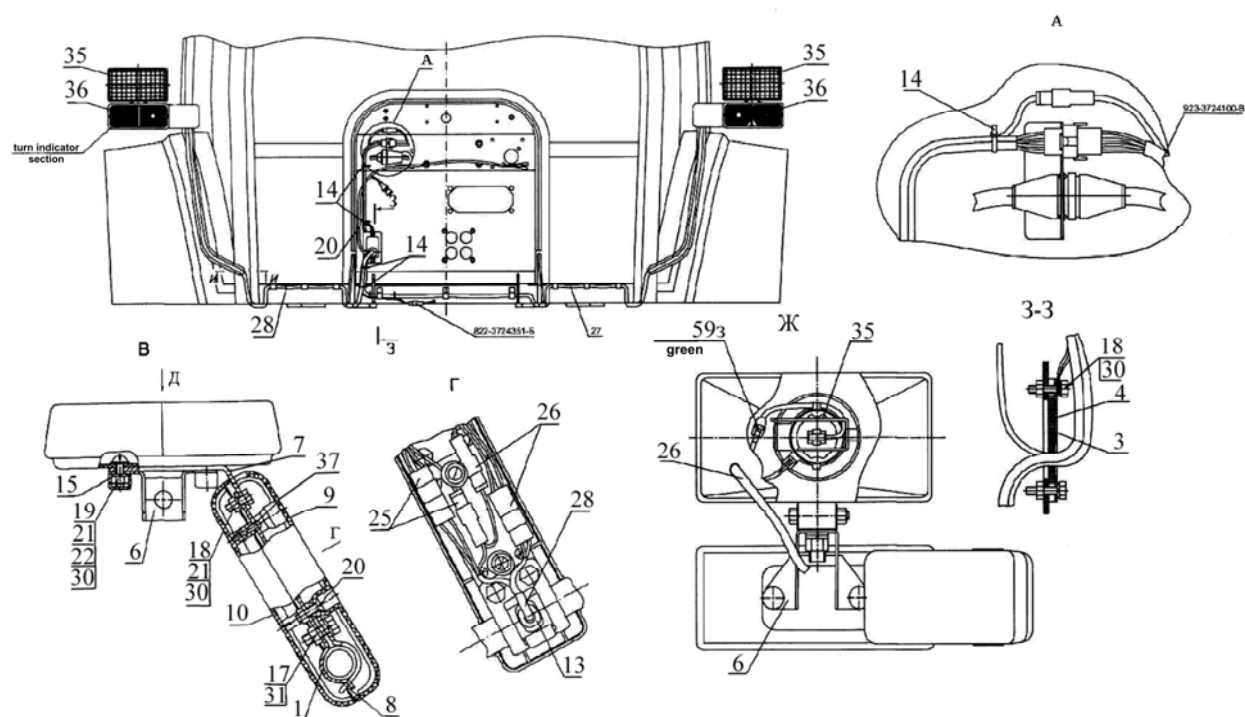


Fig. 37.5. Front light assembly

Group 37. Electric equipment
Subgroup 3700. Front light assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
37.5	1	920-3712010	2	Bracket
	3	923-3712016	1	Gasket
	4	923-3712017	1	Bracket
	5	923-3723042	2	Bushing
	6	920-3711011	2	Bracket
	7	920-3712012	2	Bracket
	8	920-3712013	2	Cramp
	9	920-3712021	2	Housing
	10	920-3712022	2	Housing
	13	70-3723042-01	6	Bushing
	14	80-3723045	4	Collar
	15	A30.04.017	4	Cap
	17		4	Bolt M8-6gx16.88.35.019, State Standard (ГОСТ) 7796-70
	18		6	Bolt M6-6gx18.88.35.019, State Standard (ГОСТ) 7798-70
	19	912075	4	Screw B.M6-6gx18.58.019, State Standard (ГОСТ) 17473-80
	20	912077	4	Screw B.M6-6gx18.58.019, State Standard (ГОСТ) 17475-80
	21		8	Nut M6-6H.6.019, State Standard (ГОСТ) 5915-70
	22		4	Washer C 6.01.019, State Standard (ГОСТ) 11371-78
	24		1	Bundle 923-3724130-B, State Standard (ГОСТ) 23544-84
	25		2	Bundle 923-3724140-Б, State Standard (ГОСТ) 23544-84
	26		2	Bundle 923-3724142, State Standard (ГОСТ) 23544-84
	27		1	Bundle 923-3724145-Б, State Standard (ГОСТ) 23544-84
	28		1	Bundle 923-3724146-Б, State Standard (ГОСТ) 23544-84
	30		10	Washer 6T, Branch Standard (OCT) 37.001.115-75
	31		4	Washer 8T, Branch Standard (OCT) 37.001.115-75
	35	8724.304/011	2	Working floodlight
	36	3712.10	2	Front light with side repeater
	37		8	Screw nail 4x16.019

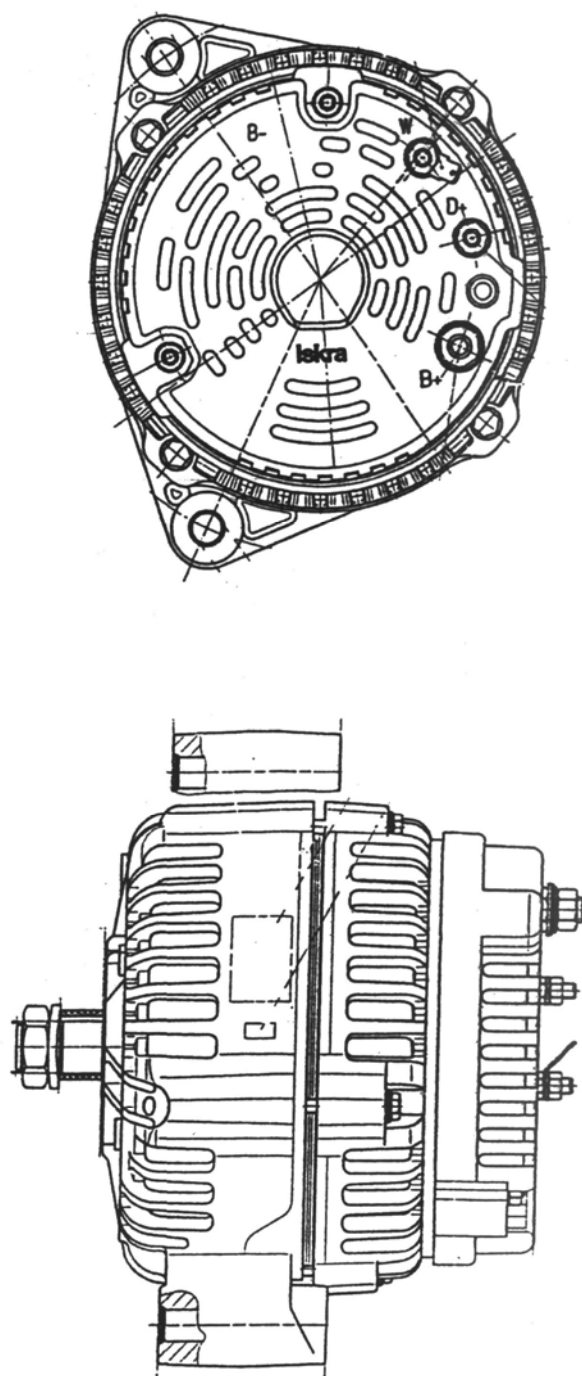


Fig. 37.6. Alternator

Group 37. Electric equipment
Subgroup 3700. Alternator

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
37.6		AAN 5594	1	Alternator 14 V, 150 A (Slovenia)

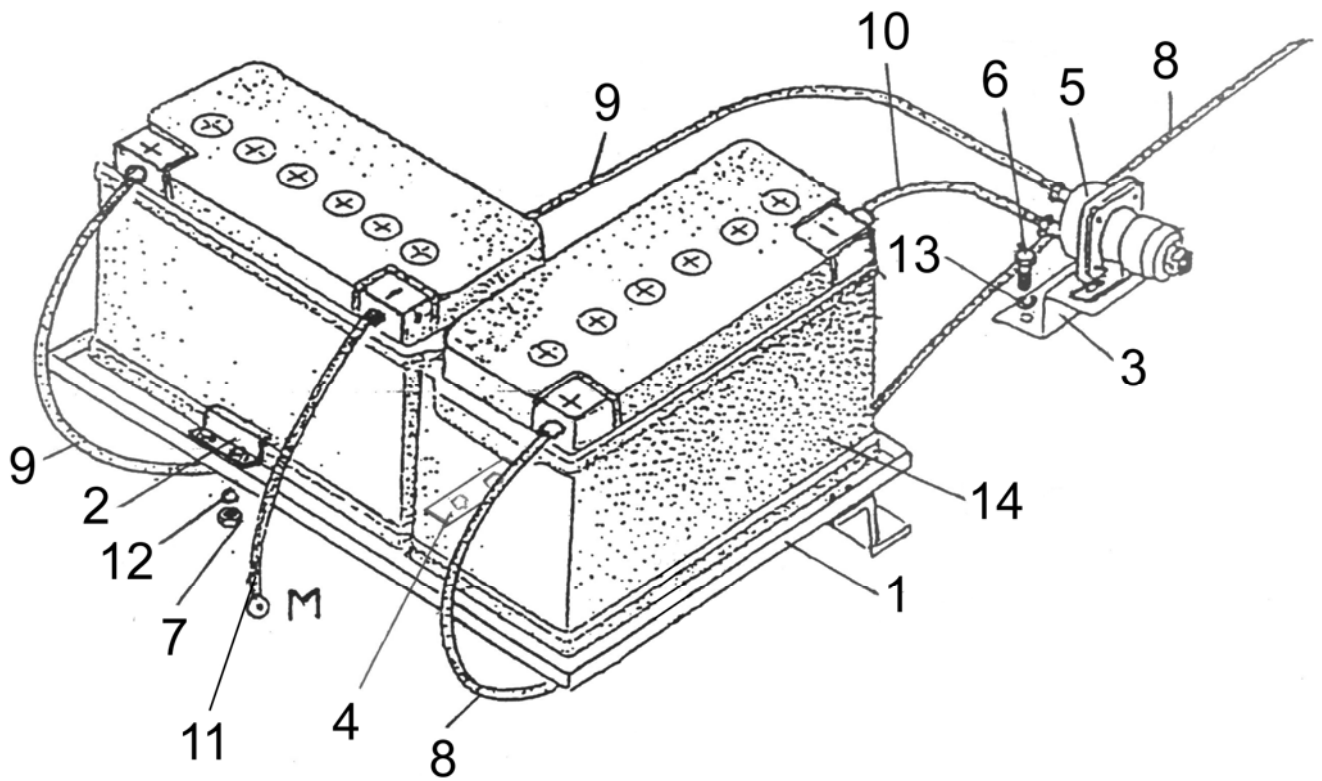


Fig. 37.7. Storage battery assembly

Group 37. Electric equipment
Subgroup 3724. Storage battery assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
37.7	1	920-3703010-Б-01	1	Base
	2	80B-3703020-02	1	Hold-down
	3	2022-3710011	1	Bracket
	4	80B-3703012-01	1	Hold-down
	5	ПР-32-02	1	Seal
	6	M10-6gx20.88.35.019	2	Bolt, State Standard (ГОСТ) 7796-70
	7	M8-6H.6.019	6	Nut, State Standard (ГОСТ) 5915-70
	8	2022-3724041	1	Wire, State Standard (ГОСТ) 23544-84
	9	2022-3724044	1	Wire, State Standard (ГОСТ) 23544-84
	10	923-3724042	1	Wire, State Standard (ГОСТ) 23544-84
	11	1221B-3724075	1	Wire, State Standard (ГОСТ) 23544-84
	12	8T	11	Washer, Branch Standard (OCT) 37.001.115-75
	13	10 OT	2	Washer, Branch Standard (OCT) 37.001.115-75
	14		2	Storage battery 12/120

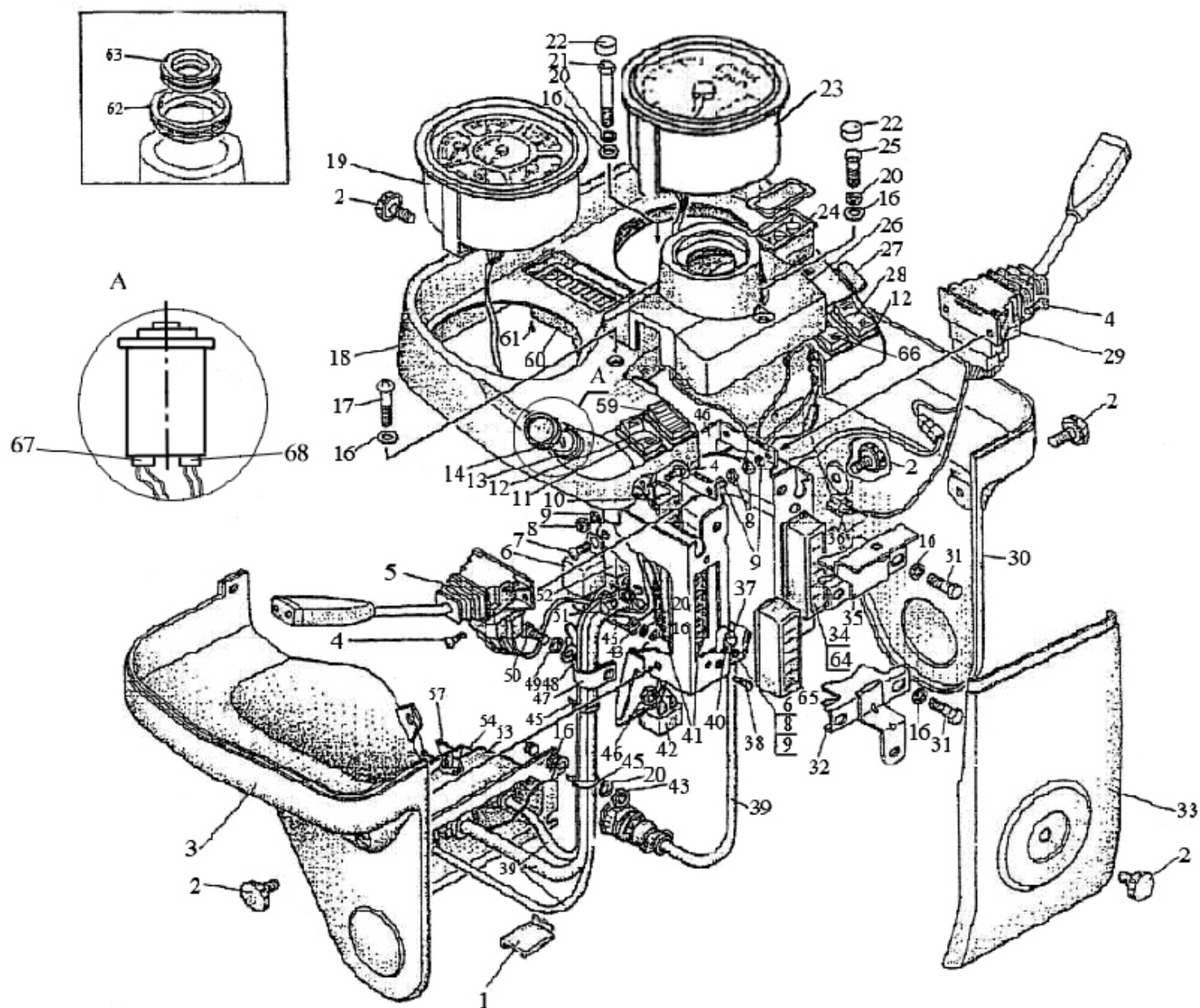


Fig. 38.1. Dashboard

**Group 38. Instrumentation
Subgroup 3805. Dashboard**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
38.1	1	ПР-43-01	1	Seal
	2	80-3805065	5	Screw
	3	822-3805162	1	Side panel
	4	BM5X16	6	Screw
	5	3709.145	1	Steering-wheel-mounted control stalk
	6	3747.20	1	Signalling relay
	7	BM6x16	4	Screw
	8	M5	6	Nut
	9	5T	6	Washer
	10	3747.10	1	Turn indicator flasher unit
	11	3710.55	1	Battery disconnect switch
	12	5336-3710015	4	Switch frame
	13	3710.15	1	Starter switch with starting interlock
	14	822-3805013-01	1	Data plate
	16	C 6.01.019	7	Washer
	17	M6X16	2	Bolt
	18	923-3805121	1	Panel
	19	3801.40	1	Frequency instrument cluster КП-6
	20	6T	18	Washer
	21	M6x60	1	Bolt
	22	A30.04.017	2	Cap
	23	3813.30	1	Combined indicator
	24	3813.40	1	Control panel
	25	M6X16	3	Bolt
	26	822-3709124	1	Boot
	27	3710.10	1	Fault signalling pushbutton
	28	3709.20	1	Central light switch
	29	3709.235	1	Windscreen wiper switch
	30	822-3805161	1	Side panel
	31	M6x25	4	Bolt
	32	822-3805095	1	Bracket
	33	822-3805163	1	Housing
	34	3722.10	1	Fuse block
	35	822-3805080-Б	1	Bracket
	36	822-3724010-Б	1	Bundle
	37	70-3506027	1	Bushing
	38	BM6X20	4	Screw
	39	925-3724390	1	Bundle
	40	80-3723043	1	Cramp
	41	3722.15	1	Fuse block
	43	M6	8	Nut
	45	80-3723045	9	Collar
	46	822-3805050	1	Base
	47	822-3723044	1	Clip
	48	ШЧ8	1	Washer
	49	ШП8	1	Washer
	50	M8x20	1	Bolt

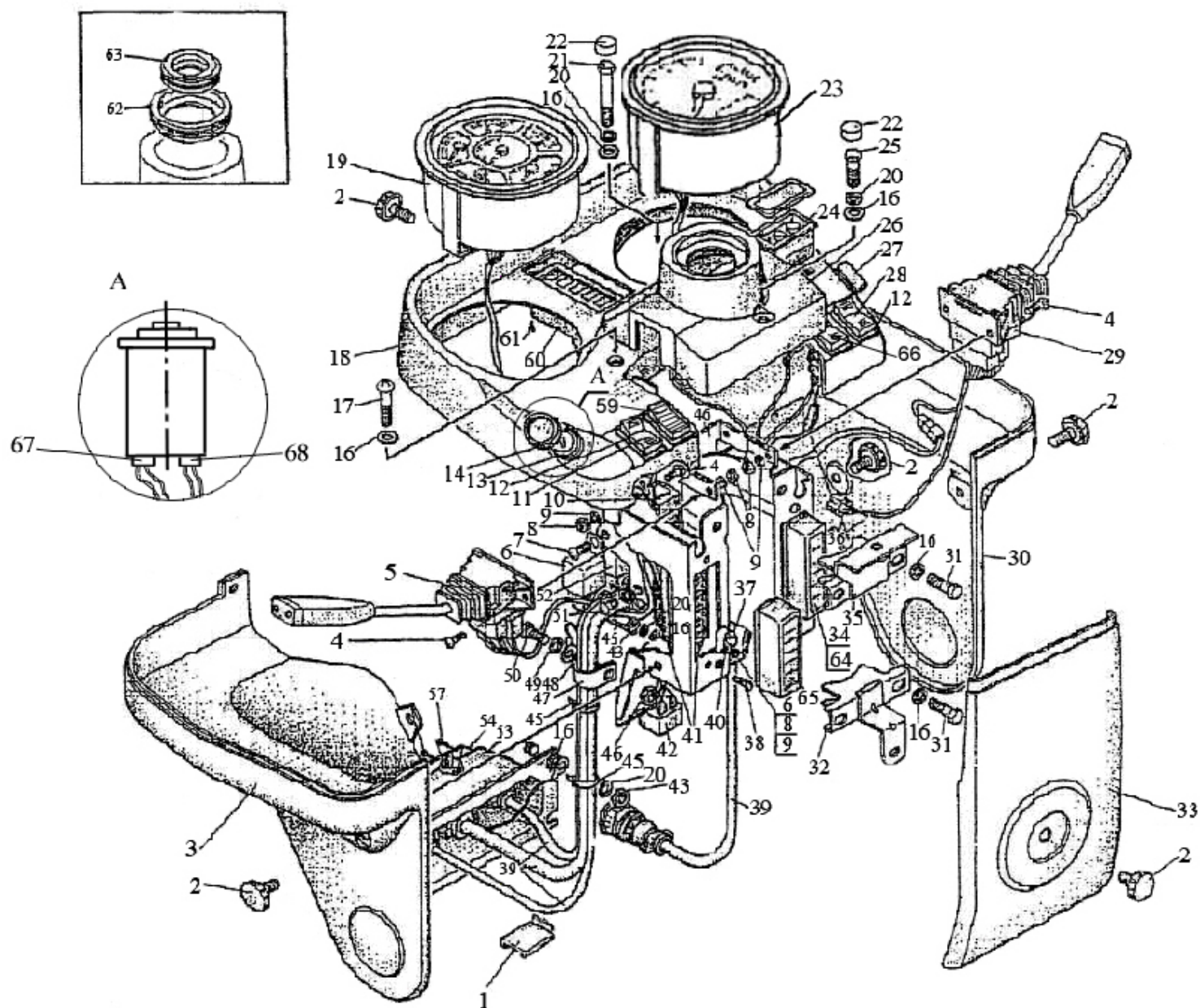


Fig. 38.1. Dashboard

**Group 38. Instrumentation
Subgroup 3805. Dashboard**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
38.1	51	BM6x16	1	Screw
	52	3747.50	2	NO relay 30A
	53	822-3805072	1	Bracket
	54	822-3805073-Б	1	Bracket
	57	4x10	4	Screw nail
	59	80-3801327	1	Choke
	60	3803.20	1	Pilot lamp block
	61	4x16	2	Screw nail
	62	80B-3709028	1	Insert
	63	80-3723048	1	Bushing
	64	822-3805026-Б	1	Data plate
	65	822-3805027-Б	1	Data plate
	66	3710.30	1	Working floodlight switch
	67	3710.040-01	1	Block 30-16-06570
	68	3710.040-02	1	Block 30-16-06571

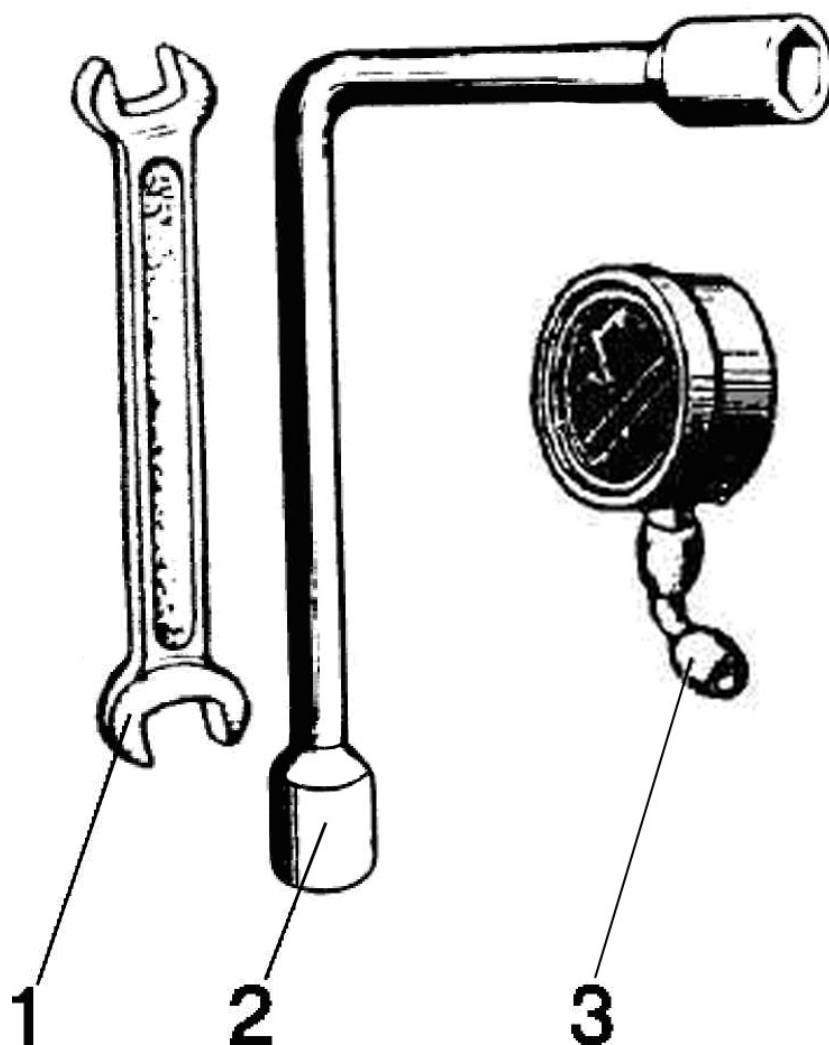


Fig. 39.1. Operator's tools

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
39.1	1	70-3901038	1	Wrench 41x46
	2	70-3901027	1	Socket wrench S=27x32
	3	МД214	1	Pressure gauge

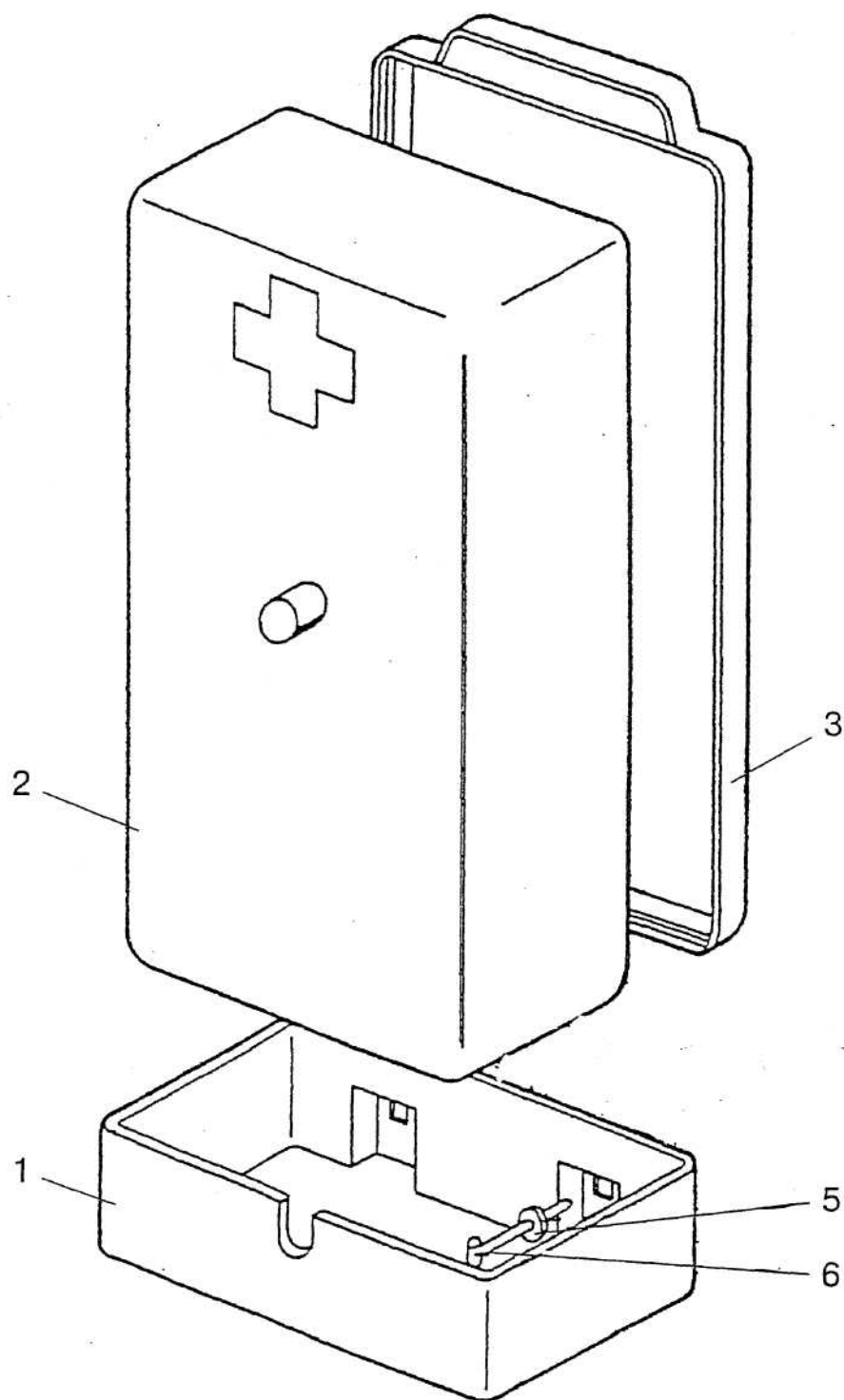


Fig. 39.2. First-aid kit

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
39.2		2522-3912150	1	First-aid kit
	1	70-3912153-A	1	Bracket
	2	70-3912152	1	Case
	3	70-3912151	1	Cover
	5	C6.01.08 кп.019	2	Washer, State Standard (ГОСТ) 11371-78
	6	B.6-6gx20.58.019	2	Screw, State Standard (ГОСТ) 17473-80

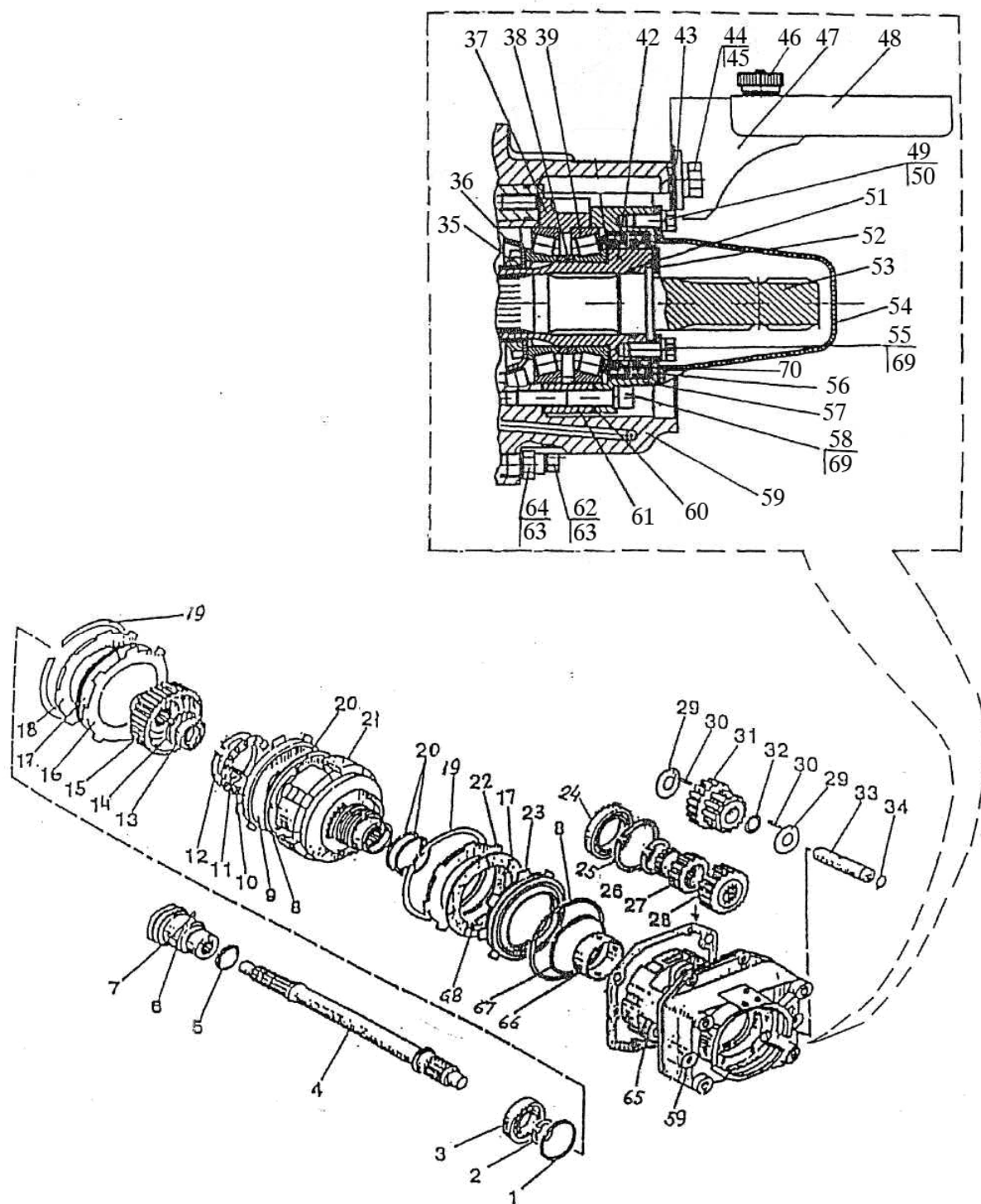


Fig. 42.1. Rear power takeoff shaft

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
42.1		2022-4202010-08		Rear PTO (1822-4202060, 1822-4202080, 2022-4202030-A, 22-70)
		1822-4202060	1	Driving shaft (2-4)
		1822-4202080	1	Switching clutch (5-7)
		2022-4202030-A	1	Friction clutch (8-21)
	1	C80	1	Ring
	2	C40	1	Ring
	3	208A	1	Bearing
	4	1822-4202011	1	Driving shaft
	5	A61.03.002	1	Ring
	6	1822-4202046	1	Switching clutch
	7	7,938-100	1	Ball
	8	80-1701382	2	Ring
	9	80-1701374-01	1	Piston
	10	80-1701373	1	Spring support
	11	80-1701395	16	Spring
	12	C80	1	Ring
	13	305A	1	Bearing
	14	C62	1	Ring
	15	1522-4202034-A-01	1	Splined coupling
	16	LD 2220087	5	Driving plate
	17	2022-4202375 or 2522-1802035-A or 696392 AO with "MIBA"	6	Friction plate
	18	80-1701379-01	1	Interlocking disk
	19	80-1701392	2	Ring
	20	142-1701381	3	Ring
	21	2022-4202031	1	Drum
	22	80-1701379	1	Interlocking disk
	23	2022-4202033	1	Brake piston
	24	114	1	Bearing
	25	2C70	1	Ring
	26	2C110	1	Ring
	27	1021-4202026-БA	1	Pinion
	28	1021-4202021-Б	1	Pinion
	29	1522-4202023	6	Lock washer
	30	5x27,8A3	114	Roller
	31	1522-4202028-Б	3	Gear
	32	1522-4202024-01	3	Bushing
	33	1522-4202022	3	Intermediate shaft
	34	021-025-25-1-4	3	Ring
	35	80-1701047	1	Nut
	36	2022-4202069	1	Washer
	37	2022-4202042	1	Sleeve



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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
42.1	38	72-2308121*	2	Ring
		or 72-2308121-01	2	Ring
		or 72-2308121-02	2	Ring
		or 72-2308121-03	2	Ring
		or 72-2308121-04	2	Ring
		or 72-2308121-05	2	Ring
		or 72-2308121-06	2	Ring
		or 72-2308121-07	2	Ring
		or 72-2308121-08	2	Ring
		or 72-2308121-09	2	Ring
		or 72-2308121-10	2	Ring
		or 72-2308121-11	2	Ring
	39	7212A	2	Bearing
	42	2022-4202062	1	Bushing
	43	C16.01.08	2	Washer
	44	M16x25	2	Bolt
	45	16 OT	2	Washer
	46	1522-4202094	2	Handwheel
	47	2022-4202095	1	Housing
	48	2022-4202092	1	Shield
	49	M10x20	2	Bolt
	50	C10.01.019	2	Washer
	51	044-050-36-2-2	1	Ring
	52	1822-4202027	1	Lock washer
	53	2022-4202016 or 2022-4202016-01	1	Tail-piece BOM1C (8 splines – 540 rpm) or Tail-piece BOM1 (6 splines – 540 rpm)
		2022-4202017**	1	Tail-piece BOM3 (20 splines) – 1000 rpm
		2022-4282017-01	1	Tail-piece BOM2C (8 splines) – 1000 rpm
		2022-4202017-02	1	Tail-piece BOM2 (21 splines) – 1000 rpm
		2022-4202017-03**		Tail-piece BOM2C1 (6 splines) – 1000 rpm
	54	2022-4202065	1	Cap
	55	M10x25	4	Bolt
	56	2.2-80x105	1	Collar
	57	2022-4202018	1	Cover
	58	M 10x70	6	Screw
	59	2022-4202015	1	Housing
	60	2022-4202012	2	Gasket
	61	2022-4202042	1	Sleeve
	62	M12x50	2	Bolt

* To be selected when adjusting the bearings

** Optionally

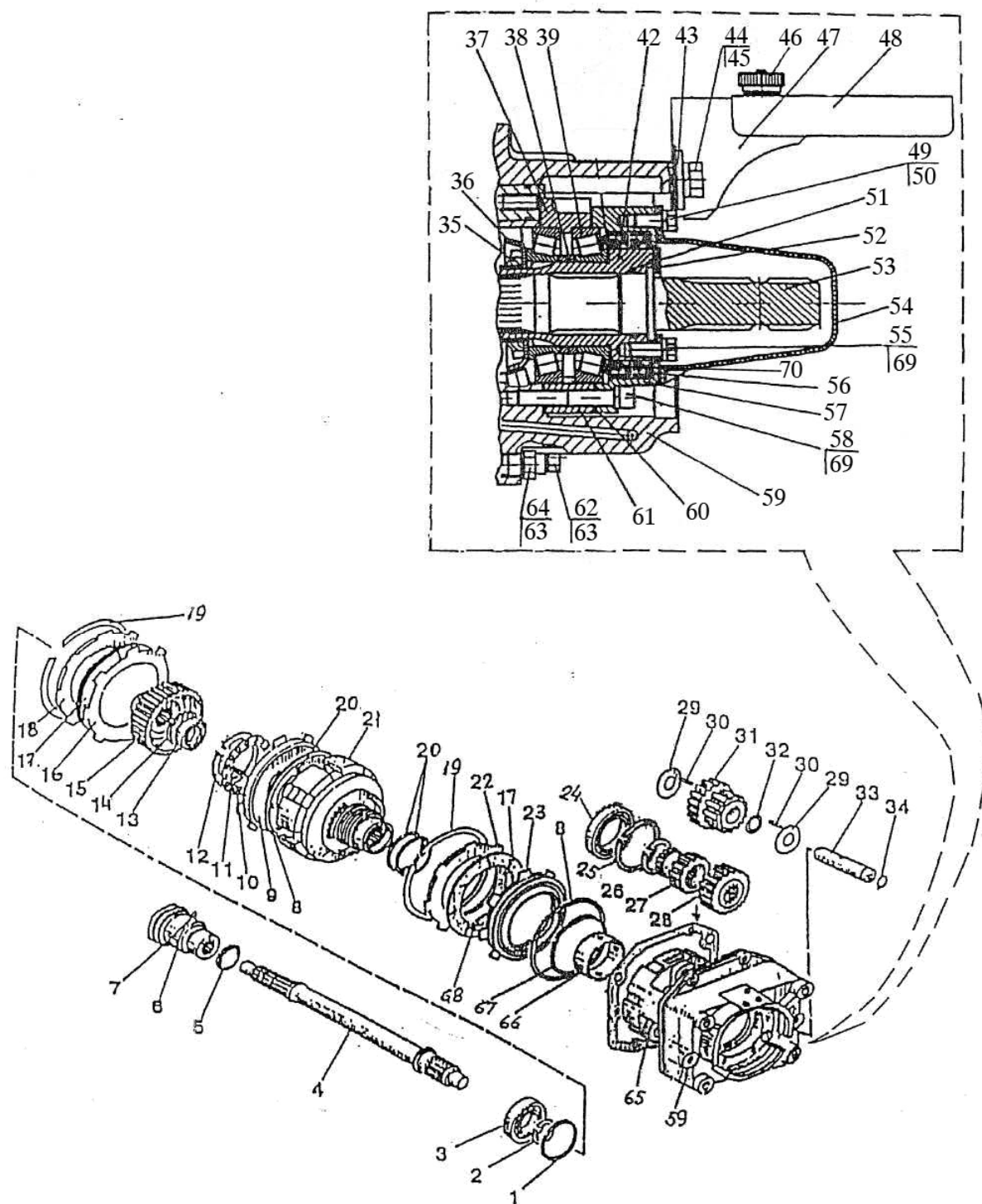


Fig. 42.1. Rear power takeoff shaft

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
42.1	63	12 OT	6	Washer
	64	M12x40	4	Bolt
	65	1522-4202013-A	1	Gasket
	66	142-4202042	1	Bushing
	67	86-1802047	1	Ring
	68	8020-4202041	4	Spring
	69	10 OT	10	Washer
	70	2.2-80x105	1	Collar

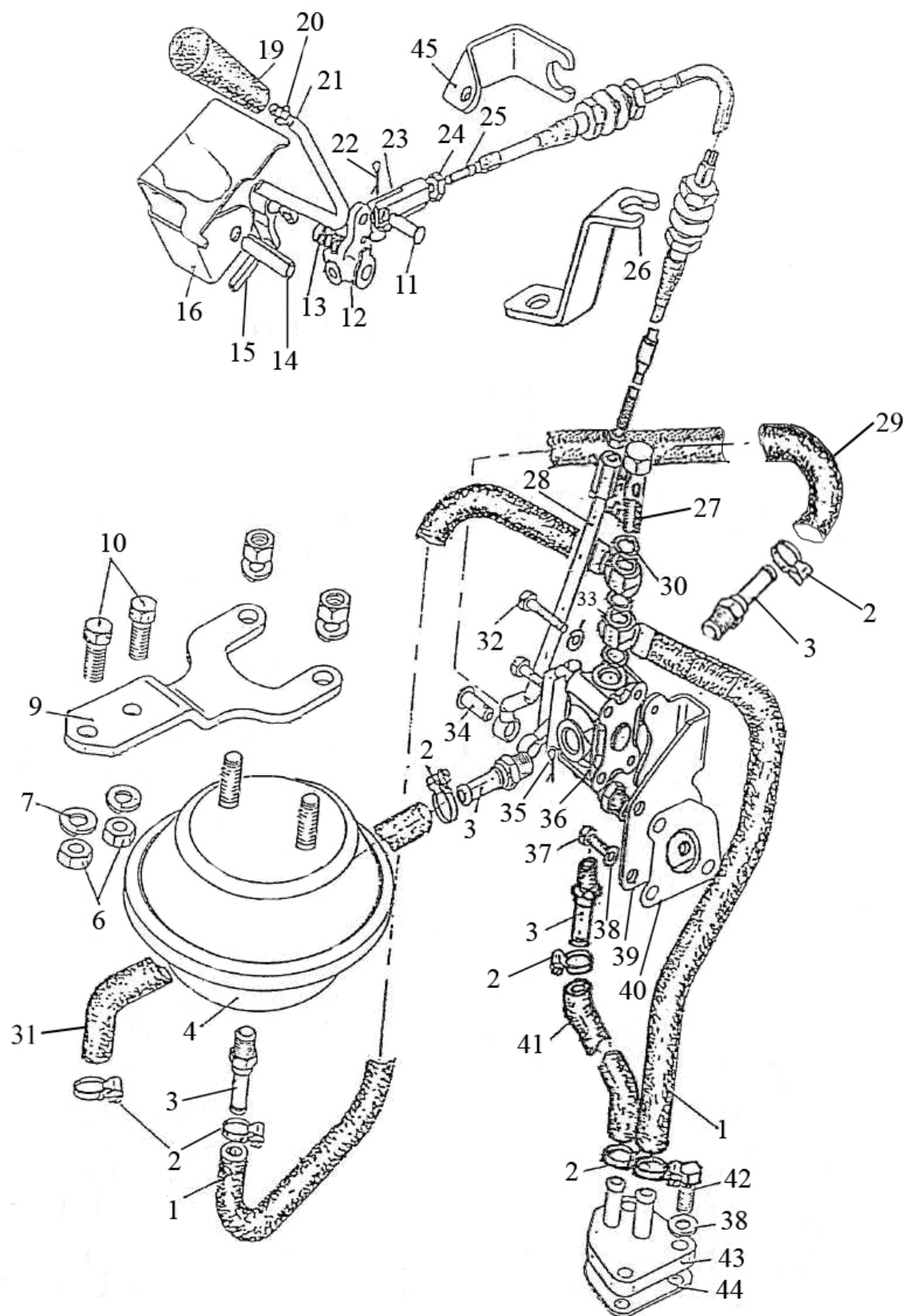


Fig. 42.2. Rear PTO hydraulic drive control

Group 42. Power takeoff
Subgroup 4218. Rear PTO hydraulic drive control

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
42.2		2022-4218005-A		Rear PTO hydraulic system (1-10), 27, (29-45)
		1223-4218100		Rear PTO hydraulic drive control (11-26), 28 1822-4218105
		1822-4218105	1	Switch (12-16),(19-21)
	1	2022-4218030	2	Pipeline
	2		7	NORMA TORRO Clamp 12-20/9-C6W or /NORMA TORRO Clamp 12-22/971
	3	85-3407470	5	Union
	4	A29.66.000-B	1	Pneumatic adapter
	6	M10	2	Nut
	7	10OT	2	Washer
	9	1522-4216011	1	Bracket
	10	M10x30	2	Bolt
	11	6x18	1	Pin
	12	1822-4218116	1	Roller
	13	50-1702148-A	1	Spring
	14	A10x40	1	Pin
	15	A8x30	1	Pin
	16	1822-4218117	1	Base
	19	1822-4218121	1	Handle
	20	M8	1	Nut
	21	1822-4218115	1	Handle
	22	1,6x12	1	Cotter pin
	23	80B-1108542-01 or 80B-1108542-A-01	1	Tip
	24	M 6	2	Nut
	25	23.588.1.1.2.00.01-02 or 772-L-IT-75-1250 or 100.M4322.01250	1	Cable L=1250
	26	1523-4218122	1	Cramp
	27	240-1111103	1	Rotary angle piece bolt
	28	1522-4218110-01	1	Rod
	29	1221-2412026-05	1	Hose pipe
	30	Д18-055-A	3	Seal ring
	31	2022-4218026-02	1	Hose pipe
	32	M6x40	2	Bolt
	33	6T	2	Washer
	34	8x22	1	Pin
	35	3,2x25	1	Cotter pin
	36	85-4216115	1	Tap
	37	M8x20	3	Bolt
	38	8T	6	Washer
	39	1223-4218041	1	Bracket
	40	1522-4218002	1	Gasket
	41	2022-4218026-01	1	Hose pipe
	42	M8x25	3	Bolt
	43	2022-4218025	1	Flange
	44	2522-4218002	1	Gasket
	45	1522-4218114	1	Cramp

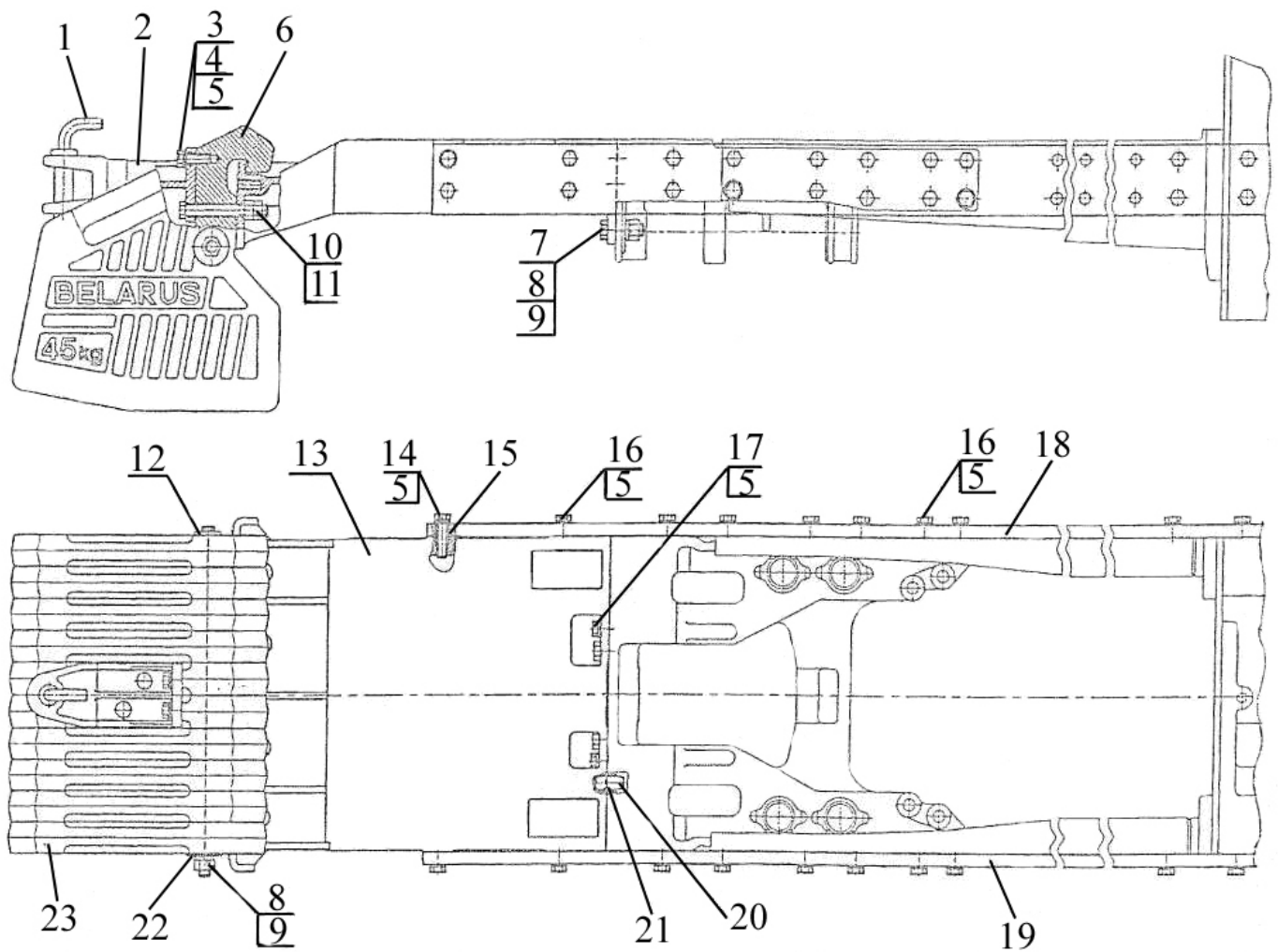


Fig. 42.3. Ballast

**Group 42. Power takeoff
Subgroup 4235. Ballast**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
42.3		2022-4235010	1	Ballast assembled
	1	70-4235030	1	Pivot
	2	85-4235025-B	1	Ear
	3	M16x45	2	Bolt
	4	C 16	2	Washer
	5	16OT	50	Washer
	6	1521-4235011-A	2	Weight
	7	70-4605036	2	Bolt
	8	M20	3	Nut
	9	20OT	3	Washer
	10	1025-4235012	2	Bolt
	11	M18	4	Nut
	12	1025-4235015-01	1	String
	13	2022-4235016-01	1	Spacer
	14	M16x60	2	Bolt
	15	1521-4235029	2	Bushing
	16	M16x50	42	Bolt
	17	M16x40	4	Bolt
	18	2022-4235013	1	Right-hand plate
	19	2022-4235012	1	Left-hand plate
	20	50-4605027	2	Pin
	21	54.38.619	2	Locking ring
	22	40-3502084	1	Washer
	23	80-4235011-A	8	Weight

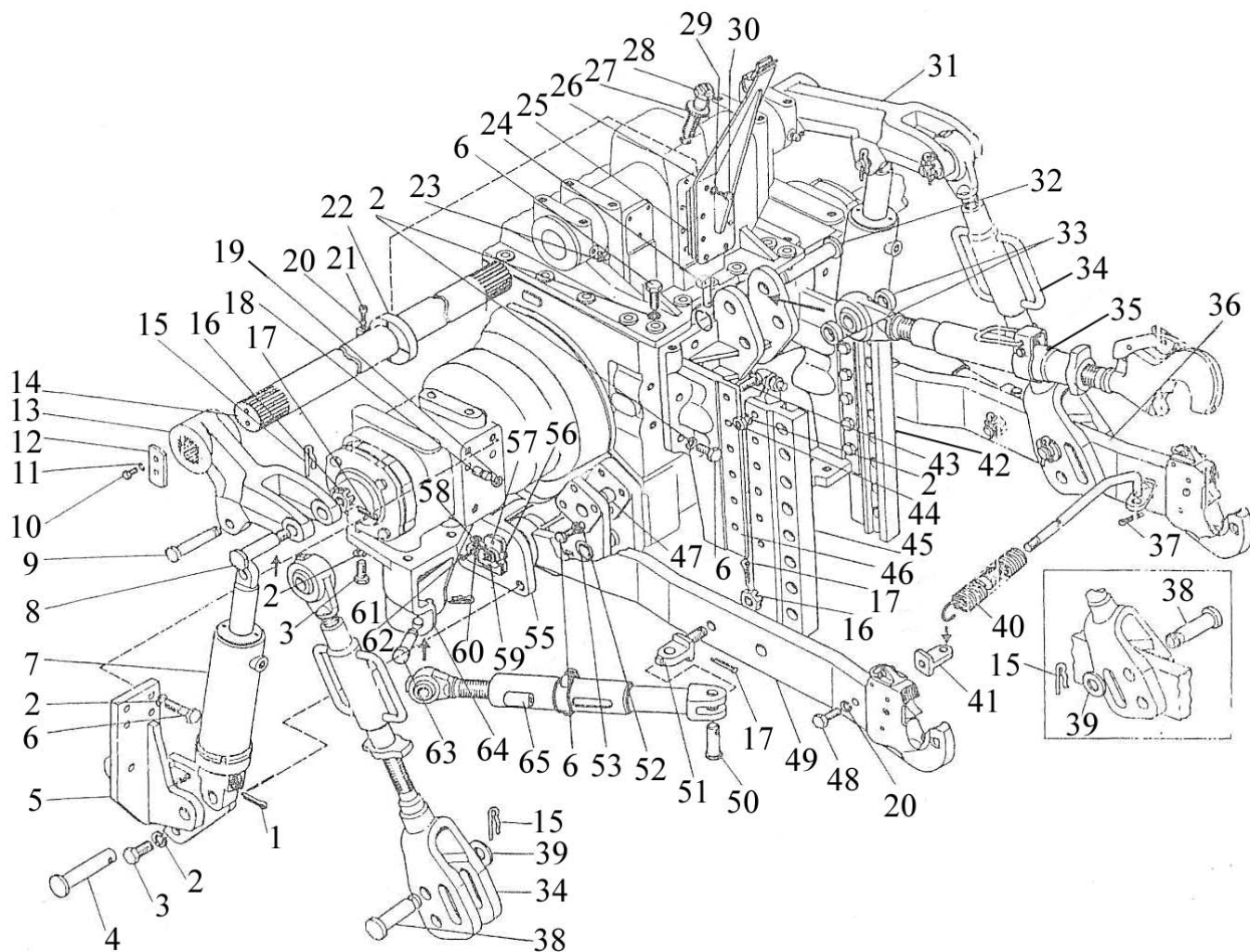


Fig. 46.1. Hitch linkage

**Group 46. Separate-unit hydraulic system
Subgroup 4605. Hitch linkage**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.1	1	6,3x50	2	Cotter pin
	2	ШП 20	30	Washer
	3	680-2707024	12	Bolt
	4	1522-4605009	2	Pin
	5	2022-4605016-A 2022-4605016-A-01	1 1	Left-hand bracket Right-hand bracket
	6	70-4605036	24	Bolt
	7	Ц90x250.010	2	Cylinder
	8	1522-4605008	2	Pin
	9	1522-4605037	2	Pin
	10	M12x25	4	Bolt
	11	ШП 12	4	Washer
	12	1522-4605024	2	Washer
	13	1522-4605021	1	Left-hand lever
	14	1522-4605023	1	Shaft
	15	A61.07.001	6	Cotter pin
	16	A04.02.020	4	Nut
	17	6,3x36	6	Cotter pin
	18	50-4605027	4	Pin
	19	54.38.619	4	Locking ring
	20	ШП 10	7	Washer
	21	M10x45	1	Screw
	22	1522-4605025	1	Eccentric
	23	1.3Ц9x.p.	2	Lubricator
	24	A61.05.100-05	1	Gib-and-cotter
	25	1522-2401028	1	Gasket
	26	1522-4605145	1	Cover
	27	1522-4605149	1	Nut
	28	BOSCH R917001941	1	Position sensor
	29	ШП 8	8	Washer
	30	M8x25	8	Bolt
	31	1522-4605021-01	1	Right-hand lever
	32	1522-4605036	1	Pin
	33	1522-4605091	2	Bushing
	34	1522-4605060	2	Drop link
	35	1522-4605090	1	Top link
	36	1522-4605030	1	Lower link
	37	3,2x25	1	Cotter pin
	38	1522-4605033	2	Pin
	39	1522-4605032	2	Washer
	40	090243	1	Rod
	41	1522-4605038	2	Ear
	42	2022-2707062	1	Left-hand guide
	43	1522-2707149-01	12	Bolt
	44	M20x1,5	12	Nut

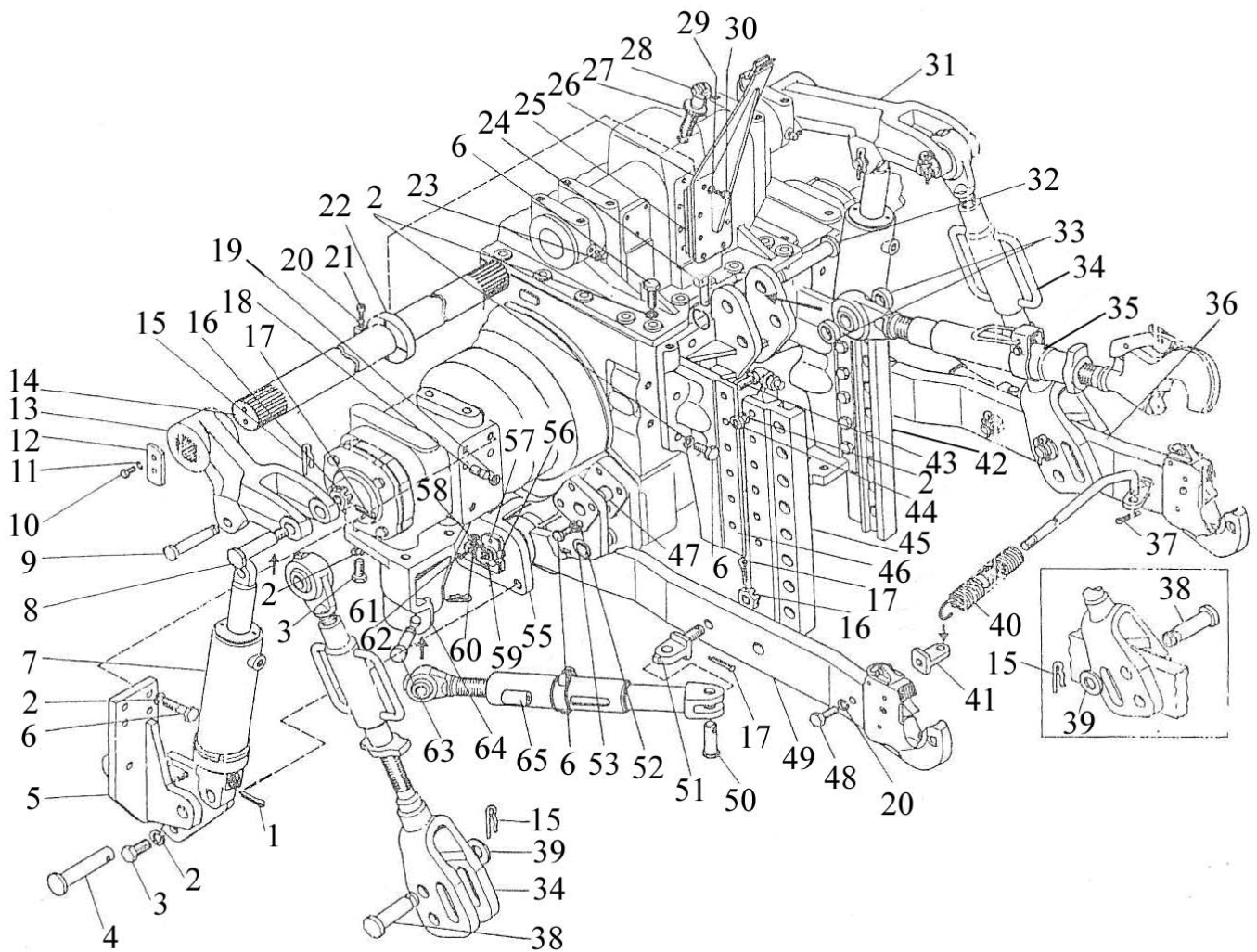


Fig. 46.1. Hitch linkage

Group 46. Separate-unit hydraulic system
Subgroup 4605. Hitch linkage

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.1	45	2022-2707062-01	1	Right-hand guide
	46	1522-2707061Б	1	Bracket
	47	1220-4605507	2	Pin
	48	M10x50	2	Bolt
	49	1522-4605035	1	Lower link
	50	1522-4605121	2	Pin
	51	1522-4605034	2	Ear
	52	ШП 16	8	Washer
	53	1522-4605039	2	Bushing
	55	2022-4605011	1	Left-hand bracket
		2022-4605011-01	1	Right-hand bracket
	56	1522-4605701	2	Cramp
	57	1522-4605702	4	Bushing
	58	BOSCH R91700165	2	Force sensor
	59	1522-4605006	2	Cover
	60	70-3723042-01	2	Bushing
	61	ШЧ 10	4	Washer
	62	BM10x35	4	Screw
	63	1220-4605084-01	2	Pin
	64	2022-4605012	1	Left-hand bracket
		2022-4605012-01	1	Right-hand bracket
	65	1522-4605120	2	Brace

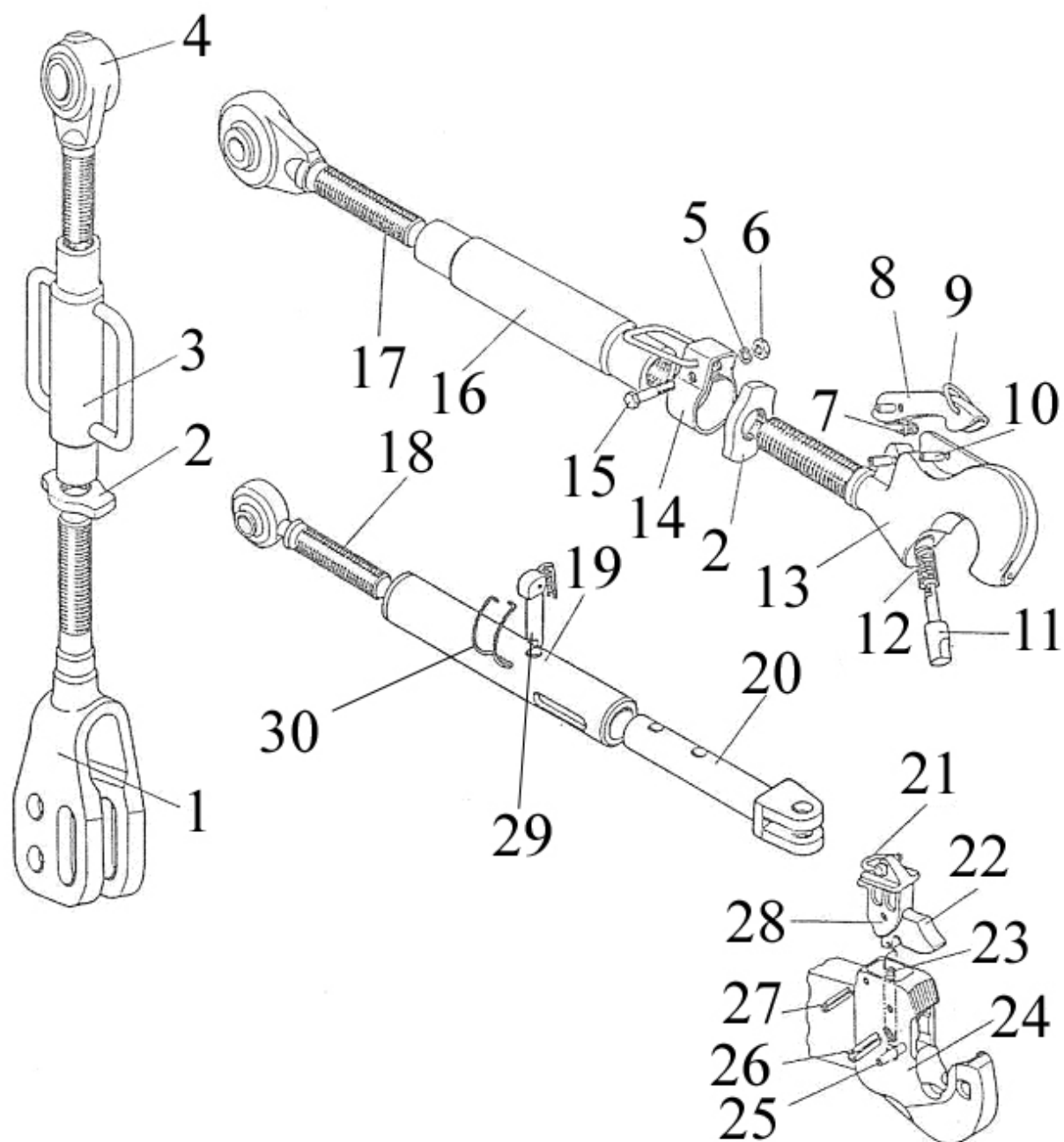


Fig. 46.2. Hitch linkage assemblies and members

Group 46. Separate-unit hydraulic system
Subgroup 4605. Hitch linkage assemblies and members

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.2		1522-4605120		Brace (18-20)
		1522-4605090		Top link (7-20)
		1522-4605060		Drop link (1-4)
	1	1522-4605080	1	Fork
	2	1522-4605071	2	Locknut
	3	1522-4605075	1	Pipe
	4	1522-4605065	2	Screw
	5	ШП10	1	Washer
	6	M10	1	Nut
	7	099049	1	Spring
	8	306842	1	Pawl handle
	9	099015	1	Cramp
	10	010486	3	Pin 6x28
	11	099113	1	Pawl
	12	099050	1	Latch spring
	13		1	Top link grip
	14	1522-4605110	1	Bracket
	15	M10x50	1	Bolt
	16	1522-4605076-01	1	Pipe
	17	1522-4605065-01	1	Screw
	18	1522-4605125	1	Screw
	19	1522-4605130	1	Guide
	20	1522-4605135	1	Slide block
	21	200030		Ring
	22	309758	1	Pawl latch
	23	308524	1	Spring
	24		1	Lower links grip
	25	099435		Pin 6x32
	26	099599	1	Pin 13x35
	27	308520	1	Locking pin10x36
	28	20002		Pawl handle
	29	1522-4605141	1	Gib-and-cotter
	30	1522-4605142	1	Spring

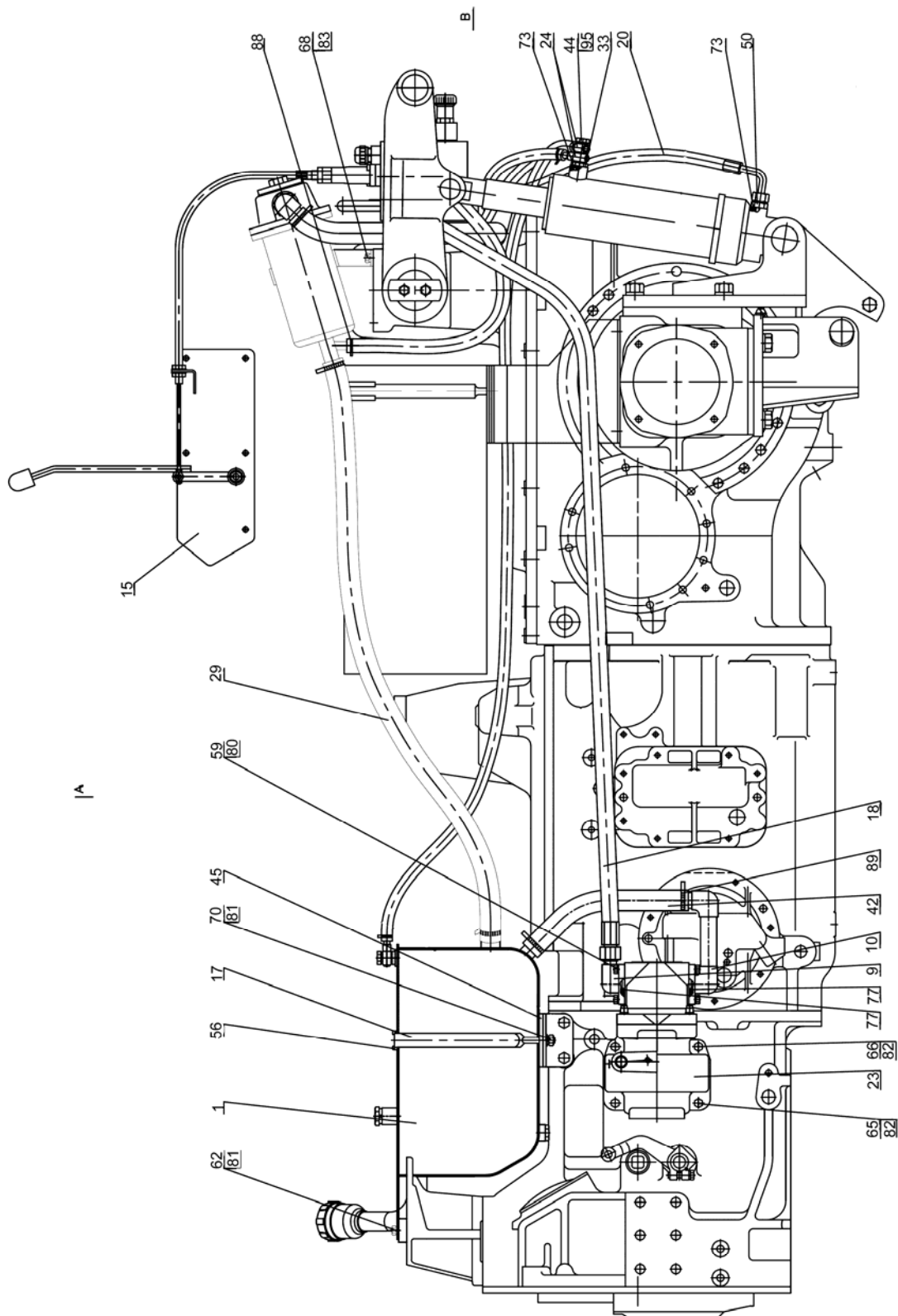


Fig. 46.3. Hydraulic units and fittings

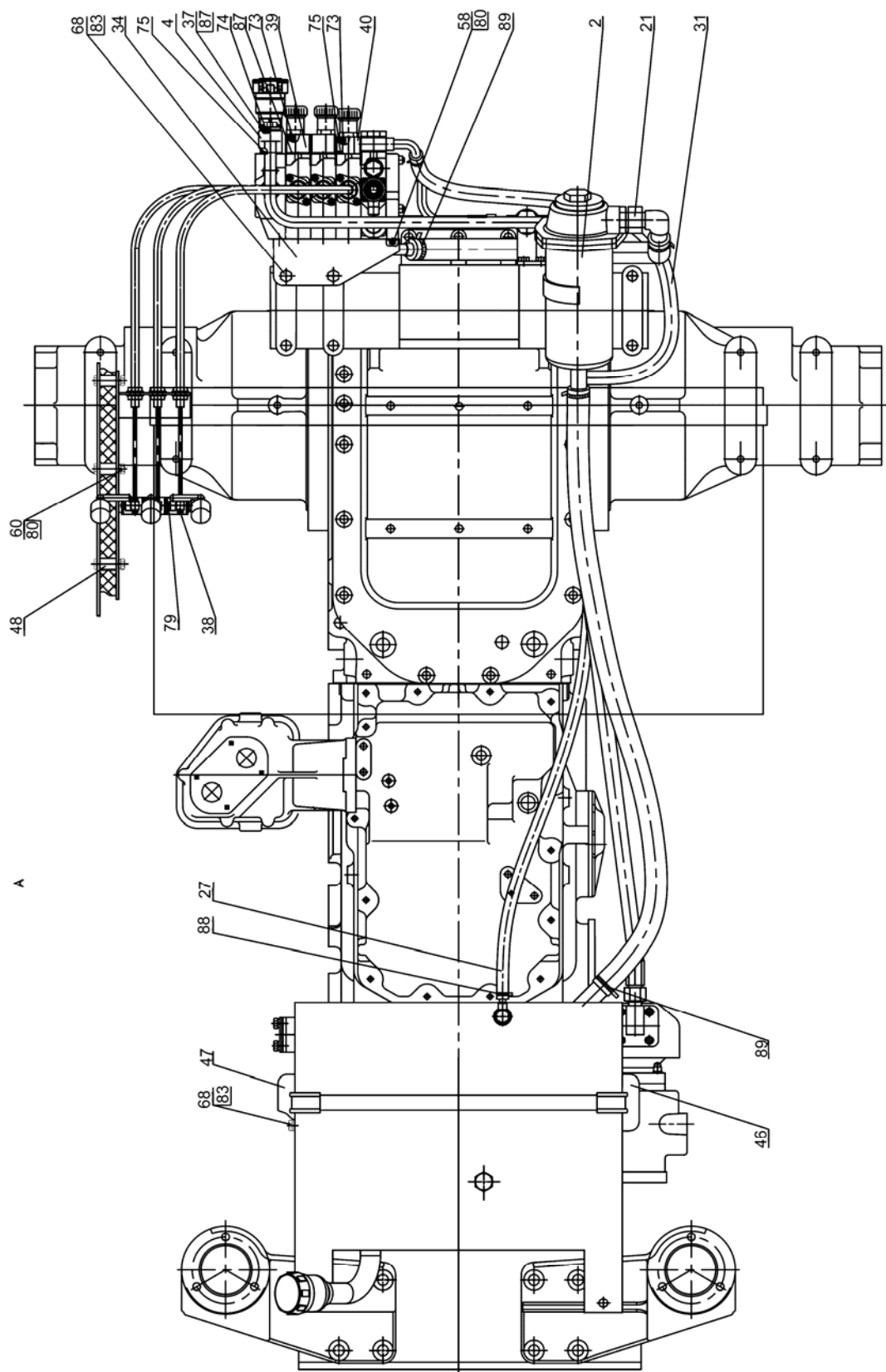


Fig. 46.4. Hydraulic units and fittings

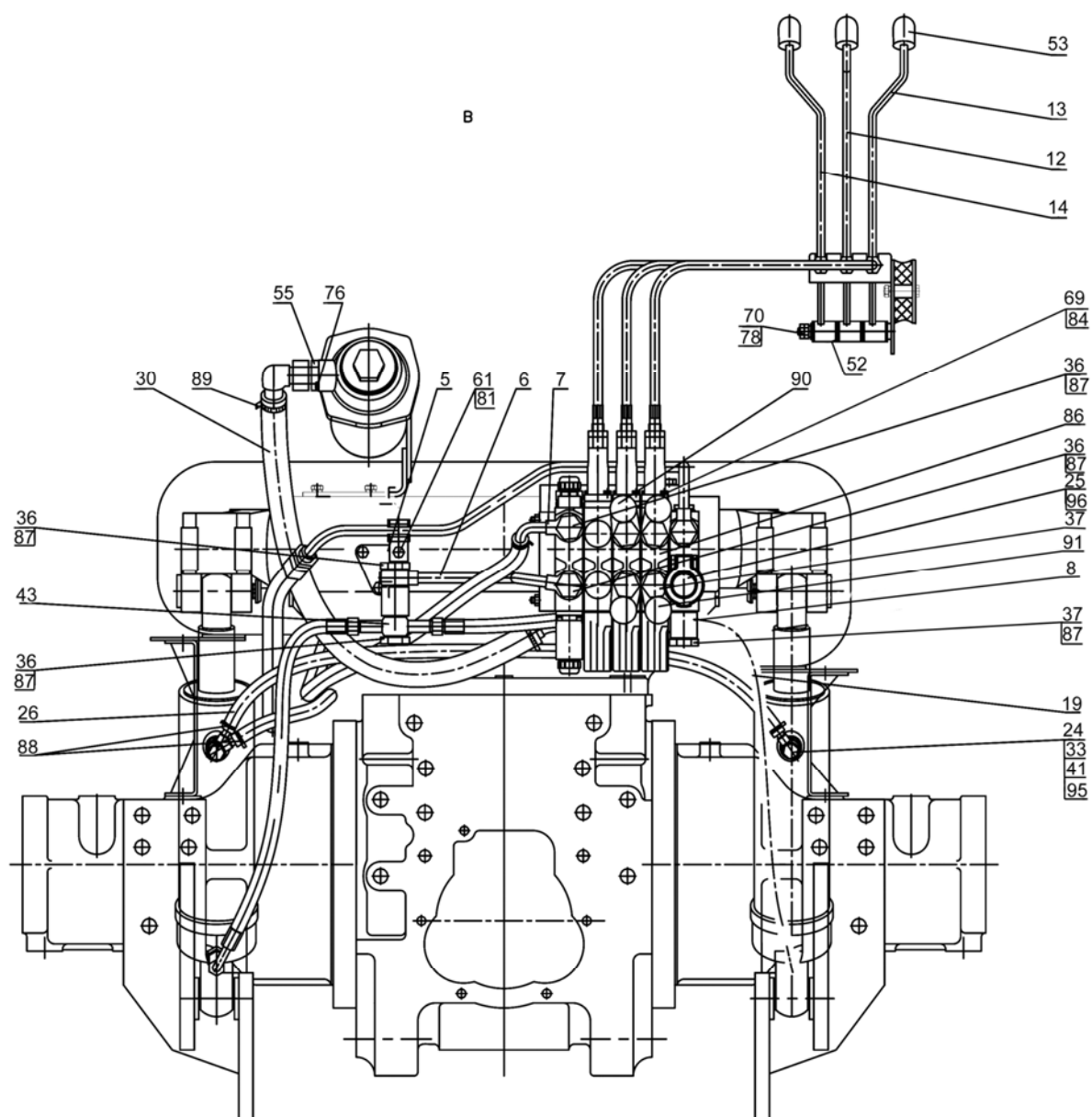
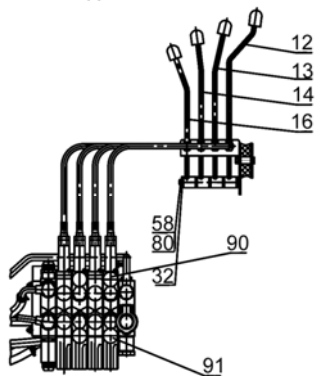


Fig. 2

For other positions, see Fig. 1

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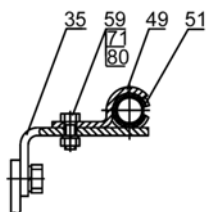


Fig. 46.5 Hydraulic units and fittings

Group 46. Separate-unit hydraulic system
Subgroup 4607. Hydraulic units and fittings.

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.3 46.4 46.5		Б2022-4600010 or Б2022-4600010-01	1	Hydraulic system
		Б2022-4600010-01	1	Hydraulic system
	1	2022-4608210	1	Tank
	2	Б2022-4608310	1	Filter
	4	1523-4607085	1	Pipe
	5	1523-4607040	1	Bracket
	6	1523-4607075 or 2022-4607075*	1	Pipe
	7	1523-4607150	1	Pipe
	8	1523-4607160	1	Pipe
	9	1522-4607020	1	Branch pipe
	10	1522-4607090	1	Pipe
	12	1522-4607230 or 2022-4607230*	1	Lever
	13	1522-4607230-01 or 2022-4607230-01*	1	Lever
	14	1522-4607230-02 or 2022-4607230-02*	1	Lever
	15	1522-4607250 or 2022-4607250*	1	Bracket
	16	2022-4607230-03*	1	Lever
	17	1522-4608230	1	Brace
	18	П80-4607120-01	1	High-pressure hose pipe Ø 16x2, reinforced
	19	680-4607140-06	1	High-pressure hose pipe Ø 10x1, reinforced
	20	680-4607140-13	1	High-pressure hose pipe Ø 10x1, reinforced
	21	680-4607510	1	Branch pipe
	23	100-4617110-01	1	Pump drive
	24	Φ80-3407720	3	Oil pipeline
	25	1523-4607019	1	Union
	26	1523-4607063		Hose pipe 10x18,5-1,6, State Standard (ГОСТ) 10362-76 L=(910±5) mm
	27	1523-4607063-01	1	Hose pipe 10x18,5-1,6, State Standard (ГОСТ) 10362-76 L=(1520±5) mm
	29	2022-4607061	1	Hose pipe 25x35-1,6, State Standard (ГОСТ) 10362-76 L=(1200±5) mm
	30	2022-4607061-01	1	Hose pipe 25x35-1,6, State Standard (ГОСТ) 10362-76 L=(700±5) mm
	31	2022-4607062	1	Hose pipe 14x23-1,6, State Standard (ГОСТ) 10362-76 L=(900±5) mm
	32	2022-4607237*	1	Washer
	33	1021-4803158	2	Adapter
	34	1523-4607121 or 2022-4607121*	1	Bracket
	35	1523-4607013	1	Bracket
	36	1522-4607011-A	4	Bolt
	37	1522-4607012-A	6	Bolt
	38	1522-4607017	3 or 4*	Pin

* For Б2022-4600010-01

Group 46. Separate-unit hydraulic system
Subgroup 4607. Hydraulic units and fittings.

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.3 46.4 46.5	39	2522-4607018	4	Plate
	40	2522-4607019	2 or 4*	Union
	41	Д18-051	1	Bolt
	42	1522-4607062	1	Hose pipe 25x35-1,6, State Standard (ГОСТ) 10362-76 L=(340±3) mm
	43	1522-4607078	1	Angle piece
	44	240-1111103	1	Bolt
	45	1522-4608234	2	Gasket
	46	1522-4608237	1	Bracket
	47	1522-4608238	1	Bracket
	48	1522-4607252	5	Bushing
	49	50-4607041	1	Bracket
	50	70-1405089	2	Male adapter
	51	70-3506027	1	Bushing
	52	A61.01.017	6 or 8*	Bushing
	53	A13.11.000	3 or 4*	Handle
	55	C80-4607034	1	Union
	56	ПР-43-02	2	Seal
	58	M8-6gx20.88.35.019	4 or 5*	Bolt, State Standard (ГОСТ) 7796-70
	59	M8-6gx25.88.35.019	9	Bolt, State Standard (ГОСТ) 7796-70
	60	M8-6gx40.88.35.019	5	Bolt, State Standard (ГОСТ) 7795-70
	61	M10-6gx16.88.35.019	3	Bolt, State Standard (ГОСТ) 7796-70
	62	M10-6gx20.88.35.019	2	Bolt, State Standard (ГОСТ) 7796-70
	65	M12-6gx30.88.35.019	2	Bolt, State Standard (ГОСТ) 7796-70
	66	M12-6gx150.58.019	2	Bolt, State Standard (ГОСТ) 7795-70
	68	M16-6gx32.88.35.019	6	Bolt, State Standard (ГОСТ) 7796-70
	69	M6-6gx16.88.35.019	6 or 8*	Bolt, State Standard (ГОСТ) 7798-70
	70	M10-6H.6.019	4 or 2*	Nut, State Standard (ГОСТ) 5915-70
	71	M8-6H.6.019	1	Nut, State Standard (ГОСТ) 5915-70
	72	M6-6H.6.019	3 or 4*	Nut, State Standard (ГОСТ) 5915-70
	73	017-022-30-1-4	10 or 12*	Ring, State Standard (ГОСТ) 18829-73/State Standard (ГОСТ) 9833-73
	74	021-024-19-2-2	1	Ring, State Standard (ГОСТ) 18829-73/State Standard (ГОСТ) 9833-73
	75	025-029-25-2-2	3 or 5*	Ring, State Standard (ГОСТ) 18829-73/State Standard (ГОСТ) 9833-73
	76	027-032-30-1-4	1	Ring, State Standard (ГОСТ) 18829-73/State Standard (ГОСТ) 9833-73
	77	035-040-30-1-4	2	Ring, State Standard (ГОСТ) 18829-73/State Standard (ГОСТ) 9833-73
	78	C 10.01.019	1	Washer, State Standard (ГОСТ) 11371-78
	79	3,2x18.019	3 or 4*	Cotter pin, State Standard (ГОСТ) 397-79
	80	8T	18 or 19*	Washer, Branch Standard (OCT) 37.001.115-75
	81	10 OT	7	Washer, Branch Standard (OCT) 37.001.115-75

* For Б2022-4600010-01

**Group 46. Separate-unit hydraulic system
Subgroup 4607. Hydraulic units and fittings**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.3 46.4 46.5	82	12 OT	4	Washer, Branch Standard (OCT) 37.001.115-75
	83	16 OT	6	Washer, Branch Standard (OCT) 37.001.115-75
	84	6T	6 or 8*	Washer, Branch Standard (OCT) 37.001.115-75
	85	EAAB.303635.001 or 100.M4(40)22.01500 or 772-L-TS-40-1500	3 or 4*	Cable Cable TY Y 29.3-31765778-002-2003 Cable TY Y 29.3-31003530-002-2002
	86	R17 001 488 or R917 001 562*	1	Integrated unit ZMS23-LS
	87	PM22	20	Washer
	88	16-27	6	Clamp with worm thread
	89	25-40	6	Clamp with worm thread
	90	4600.11	3 or 4*	Red quick-release coupling
	91	4600.12	3 or 4*	Green quick-release coupling
	95	PM 14	5	Washer
	96	4600.70	1	Coupling D _y = 20 mm

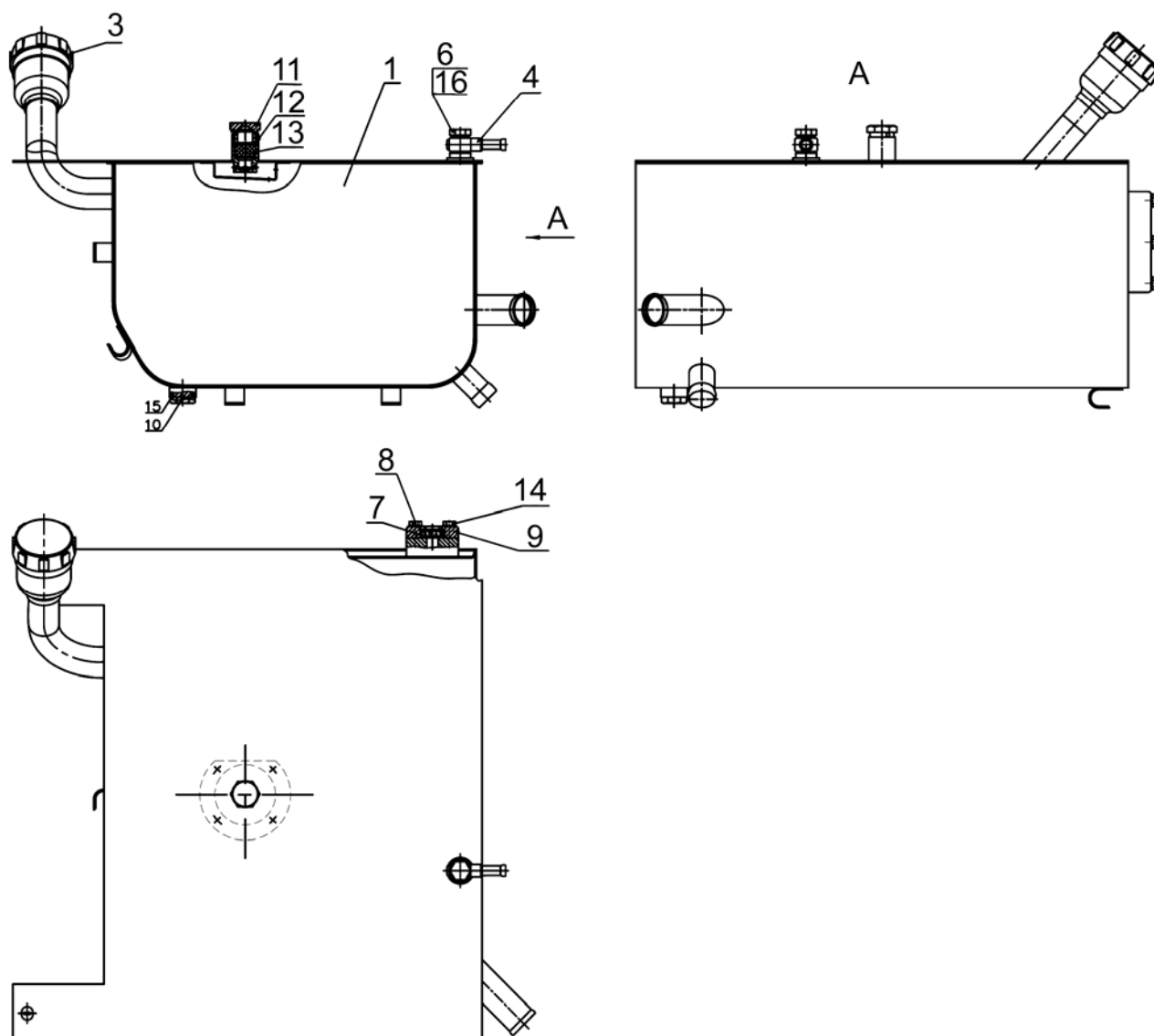


Fig. 46.6. Tank

**Group 46. Separate-unit hydraulic system
Subgroup 4608. Tank**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.6	1	2022-4608220	1	Body
	3	082-1103010	1	Plug
	4	Φ80-3407720	1	Oil pipeline
	6	Д18-051	1	Bolt
	7	85-4608086-Б	1	Seal
	8	85-4608087-Б	1	Indicator
	9	85-4608088-Б	1	Body
	10	50-4608027-Б	1	Plug
	11	50-4608059	1	Breather plug
	12	50-4608062	2	Breather washer
	13	50-4608063	1	Filter
	14	M6x20 DIN EN 1665-98	6	Bolt
	15	017-022	1	Ring
	16	PM14	2	Washer

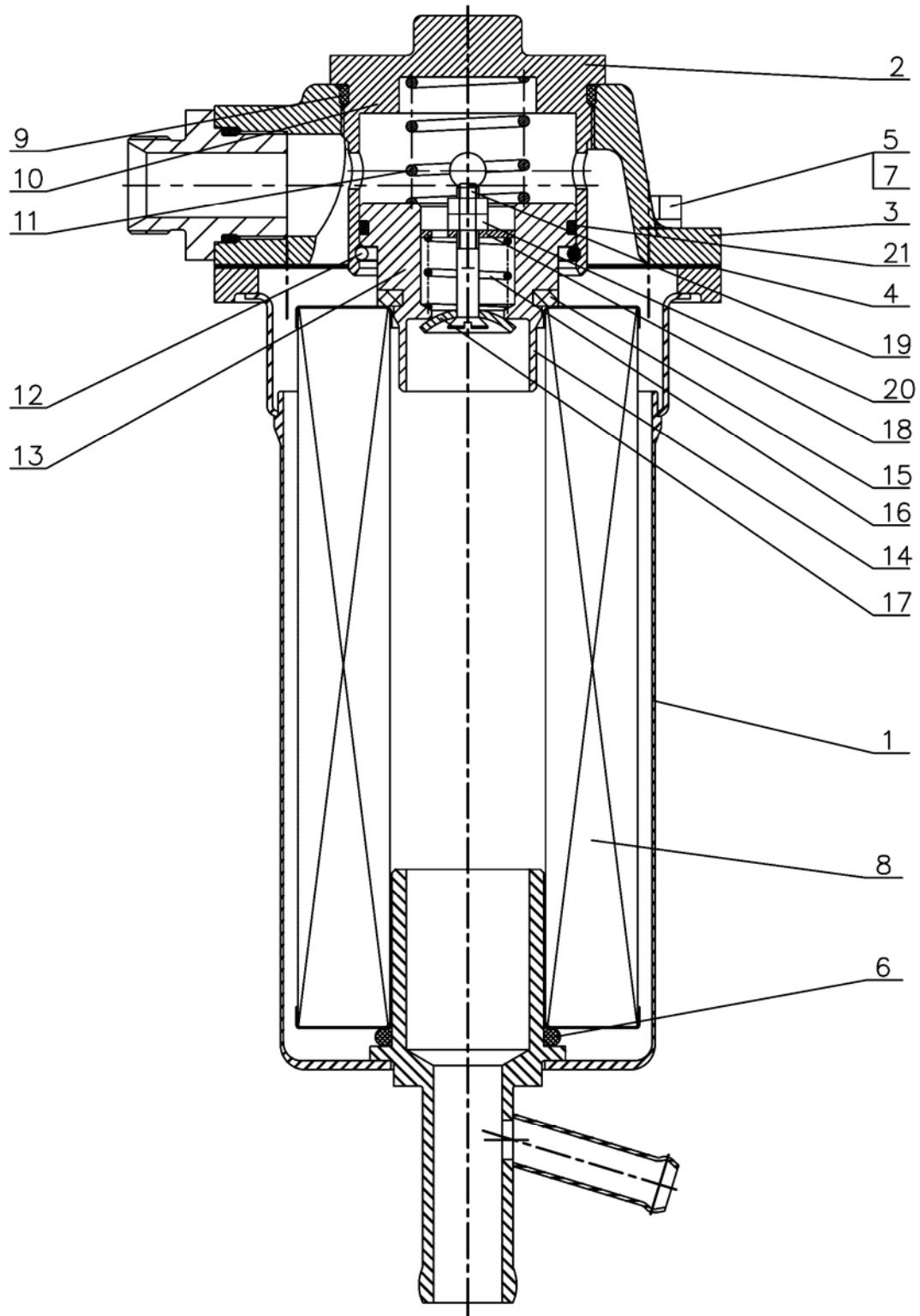


Fig. 46.7. External filter Б2022-4608310

Group 46. Separate-unit hydraulic system
Subgroup 4608. External filter Б2022-4608310

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.7	1	2022-4608120	1	Bowl
	2	822-4608030	1	Plug
	3	1522-4608211	1	Cover
	4	822-4608112	1	Gasket
	5	M8x25	4	Bolt
	6	042-050	1	Ring
	7	8T	4	Washer
	8	635-1	1	Filter element
	9	066-071	1	Ring
	10	822-4608031	1	Body
	11	80-4608057	1	Spring
	12	822-4608032	1	Ring
	13	822-4608040	1	Valve
	14	822-4608041	1	Body
	15	822-4608042	1	Ring
	16	8.20.002	1	Spring
	17	8.20.004	1	Valve
	18	8.20.005	1	Supporting washer
	19	M6x40	1	Screw
	20	M6-6H.5	2	Nut
	21	055-060	1	Ring

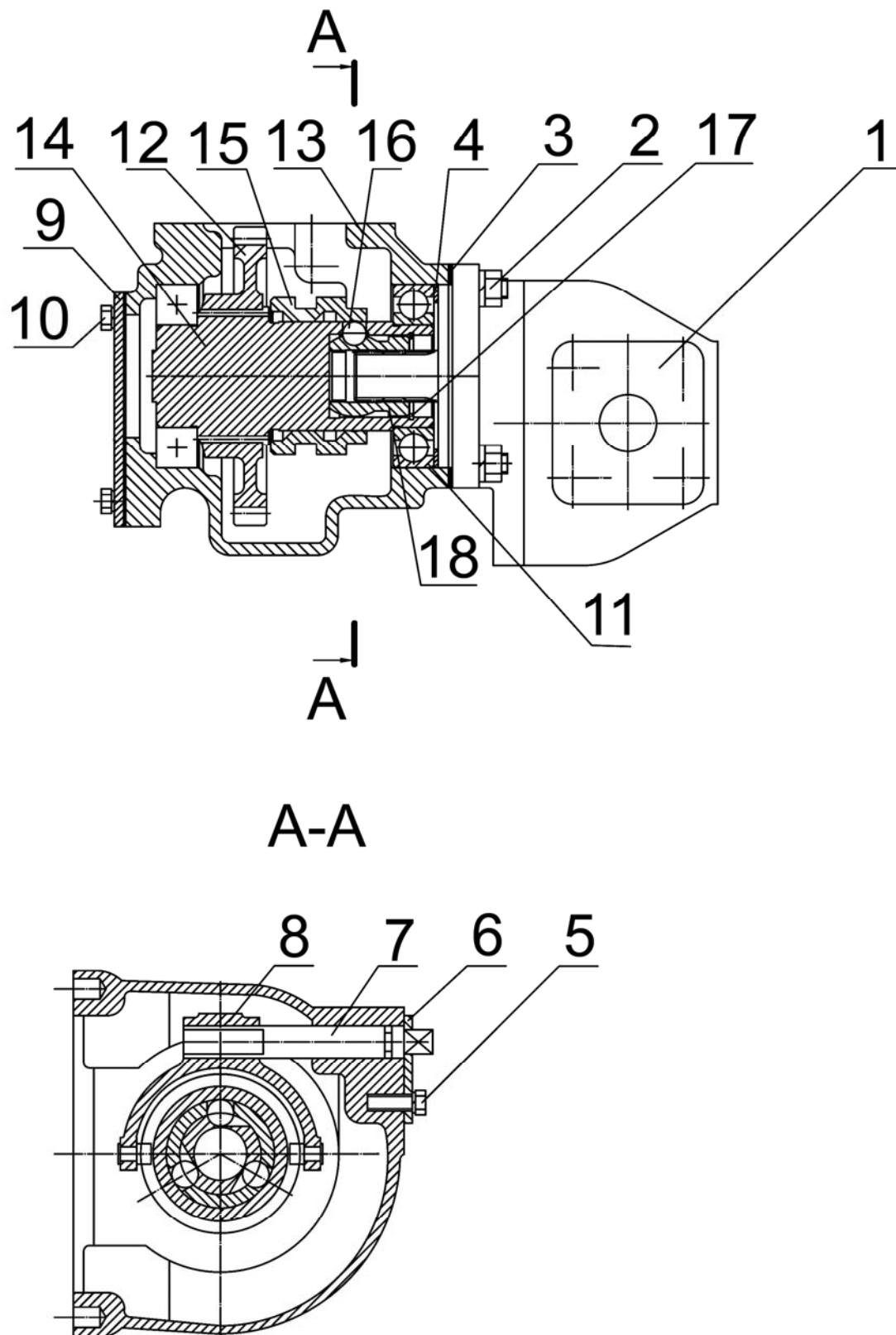


Fig. 46.8. Hydraulic system pump drive

Group 46. Separate-unit hydraulic system
Subgroup 4617. Hydraulic system pump drive

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
46.8	1	НШ 32	1	Pump
	2	M10-6H	4	Nut
	3	50-1022062-Б1	1	Gasket
	4	100-4617121	1	Ring
	5	M8x16	1	Bolt
	6	100-4617119	1	Plate
	7	100-4617118	1	Axle
	8	85-4604030	1	Fork
	9	100-4617122	1	Cover
	10	M8x20	4	Bolt
	11	210 АУШ1	2	Bearing, State Standard (ГОСТ) 8338-75
	12	100-4617117	1	Gear
	13	100-4617111	1	Housing
	14	100-4617120-Б	1	Shaft
	15	100-4617113	1	Coupling
	16	11,112-100	3	Balls, State Standard (ГОСТ) 3722-81
	17	C40	1	Locking Ring, State Standard (ГОСТ) 13943-86
	18	100-4617114	1	Bushing

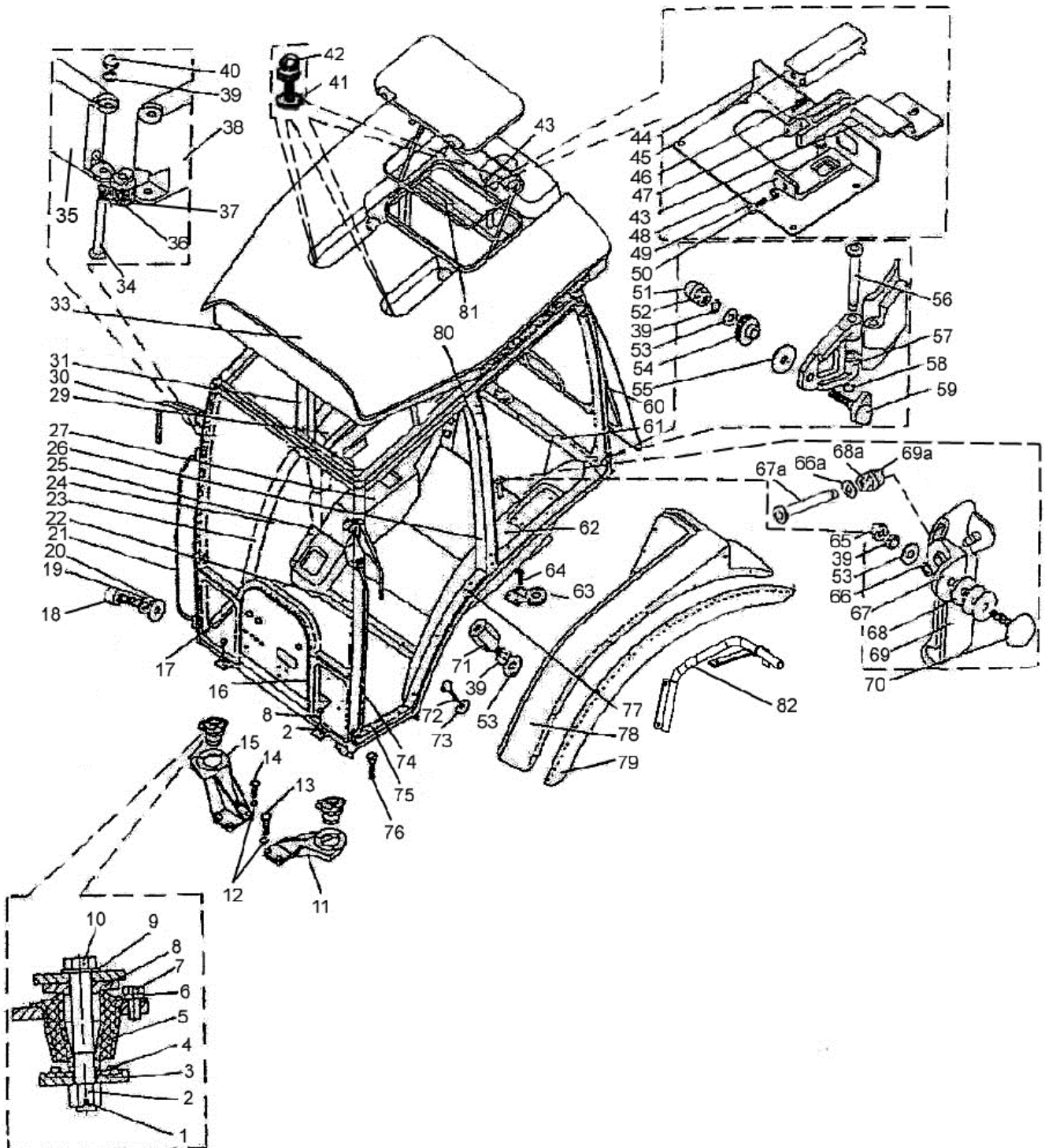


Fig. 67.1. Cab

Group 67. Tractor cab
Subgroup 6700. Cab

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
67.1		2522-6700010-03	1	Cab assembled
	1	4x36	4	Cotter pin
	2	M20x1,5	4	Nut
	3	2522-6700026	4	Washer
	4	7718007	4	Washer manufactured by the Freudenberg Megulastik Company (Germany)
	5	5718013 (11MN50)	4	Vibration isolator by the Freudenberg Megulastik Company (Germany)
	6	ШП 12	12	Washer
	7	M12x25	12	Bolt
	8	2522-6700027	4	Washer
	9	ШЧ 20	4	Washer
	10	2522-6700029	4	Bolt
	11	2022-6702068	1	Left-hand bracket
	12	ШП 16	16	Washer
	13	M16x70	4	Bolt
	14	M16x50	4	Bolt
	15	2022-6702068-01	1	Right-hand bracket
	16	2522-6703031	1	Gasket
		2522-6703032	1	Gasket
		2522-6703033	1	Gasket
	17	2522-6702001-01	1	Hold-down
	18	BM10x25	4	Screw
	19	ШЧ 10	4	Washer
	20	ШП 10	4	Washer
	21	2522-6703115-01	1	Handrail
	22	2522-6702466	1	Hold-down
	23	TA 2522-6702330-01	1	Liner
	24	2522-6702180	1	Panel
	25	TA 1222-6702341	1	Console
	26	TA 2522-6701070	1	Liner
	27	TA 1222-6702350	1	Console
	29	2522-6702325	1	Panel
	30	2522-8201200	2	Bracket (34, 35, 36, 37, 39, 40)
	31	TA 2522-6701075	1	Liner
	33	923-6707035	1	Roof
	34	2522-8201219	2	Screw
	35	2522-8201205	2	Bracket
	36	2522-8201204	2	Roller
	37	2522-8201211	2	Pawl
	38	2522-8201210	2	Bracket
	39	ШП 8	10	Washer
	40	2522-6708029	2	Nut
	41	80-4603024	3	Ring
	42	822-6701064	3	Choke
	43	822-6707051-Б	1	Bracket
	44	822-6707064	1	Panel

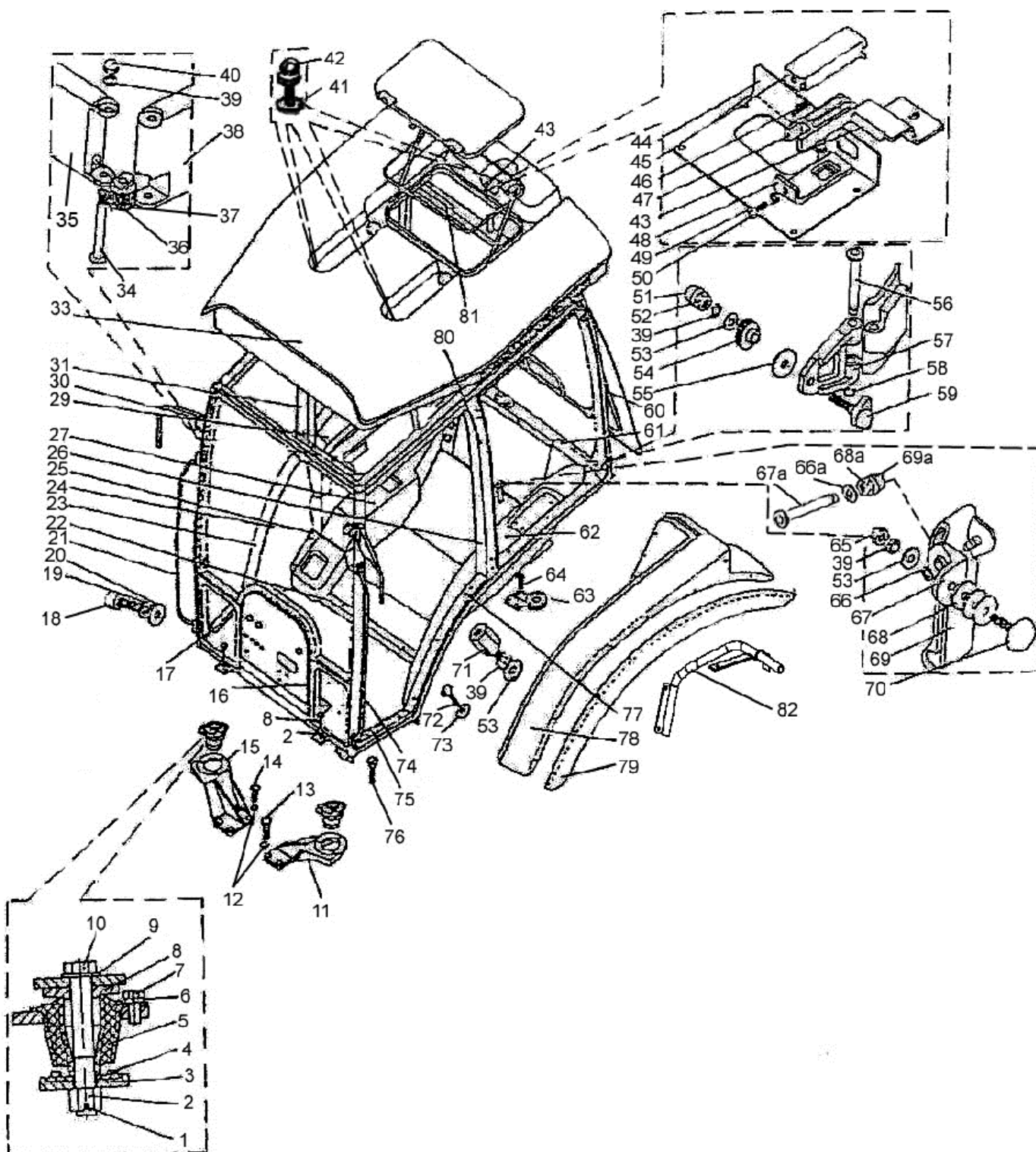


Fig. 67.1. Cab

Group 67. Tractor cab
Subgroup 6700. Cab

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
67.1	45	822-6707066	1	Cover
	46	55-17-27	1	Spring
	47	822-6707061	1	Hook end
	48	822-6707067	1	Bracket
	49	M6	1	Screw
	50	Ш46	1	Washer
	51	A30.04.017	4	Cap
	52	M8	4	Nut
	53	Ш48	8	Washer
	54	80-6708903	4	Bushing
	55	80-6708604	4	Gasket
	56	822-8700011	4	Pin
	57	2522-6708902	4	Hinge
	58	ШП 5	4	Washer
	59	2522-6708905	4	Screw
	60	21054	2	Pneumatic lift
	61	TA 2522-6702320	1	Liner
	62	2522-6702335	1	Panel
	63	2022-6700037	1	Left-hand bracket
		2022-6700037-01	1	Right-hand bracket
	64	M16x45	8	Bolt
	65	M8	2	Nut
	66	ШП 5	2	Washer
	66a	C 8.01.019	2	Washer
	67	822-6708152	2	Bracket
	67a	2522-6708151	2	Pin
	68	80-6708904	up to 6	Gasket
	68a	M8-6H.6.019	2	Nut, State Standard (ГОСТ) 5915-70
	69	2522-6708160	1	Left-hand handle
		2522-6708160-01	1	Right-hand handle
	69a	2522-8201092 or 2522-6708153	2	Cap
	70	2522-6708165	2	Screw
	71	2522-6708032	2	Bushing
	72	M6x20	4	Screw
	73	252-6700018	4	Washer
	74	2522-6703115	1	Handrail
	75	2522-6702001	1	Left-hand hold-down
	76	M6x16	4	Screw
	77	TA 2522-6702330	1	Liner
	78	923-8404010	1	Fender
		923-8404010-01	1	Fender
		4520-8404011	1	Fender
		4520-8404011-01	1	Fender
	79	923-8404030	1	Extender
		923-8404030-01	1	Extender
		2022-8404012	1	Extender
		2022-8404012-01	1	Extender

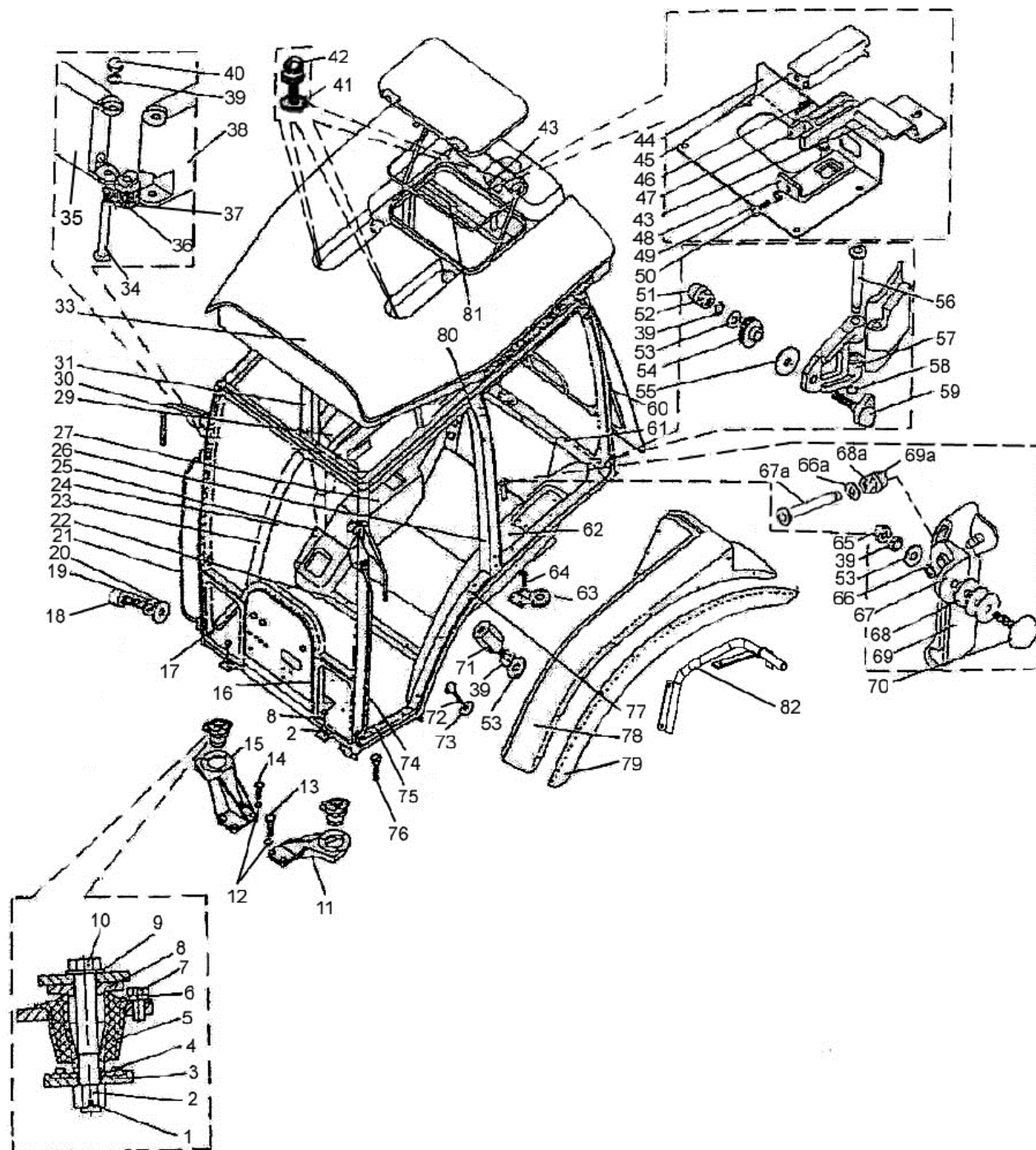


Fig. 67.1. Cab

Group 67. Tractor cab
Subgroup 6700. Cab

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
67.1	80	2522-6700015-03	1	Framework
	81	2522-6707163	1	Gasket
	82	2522-8404020	1	Bracket
		2522-8404020-01	1	Bracket

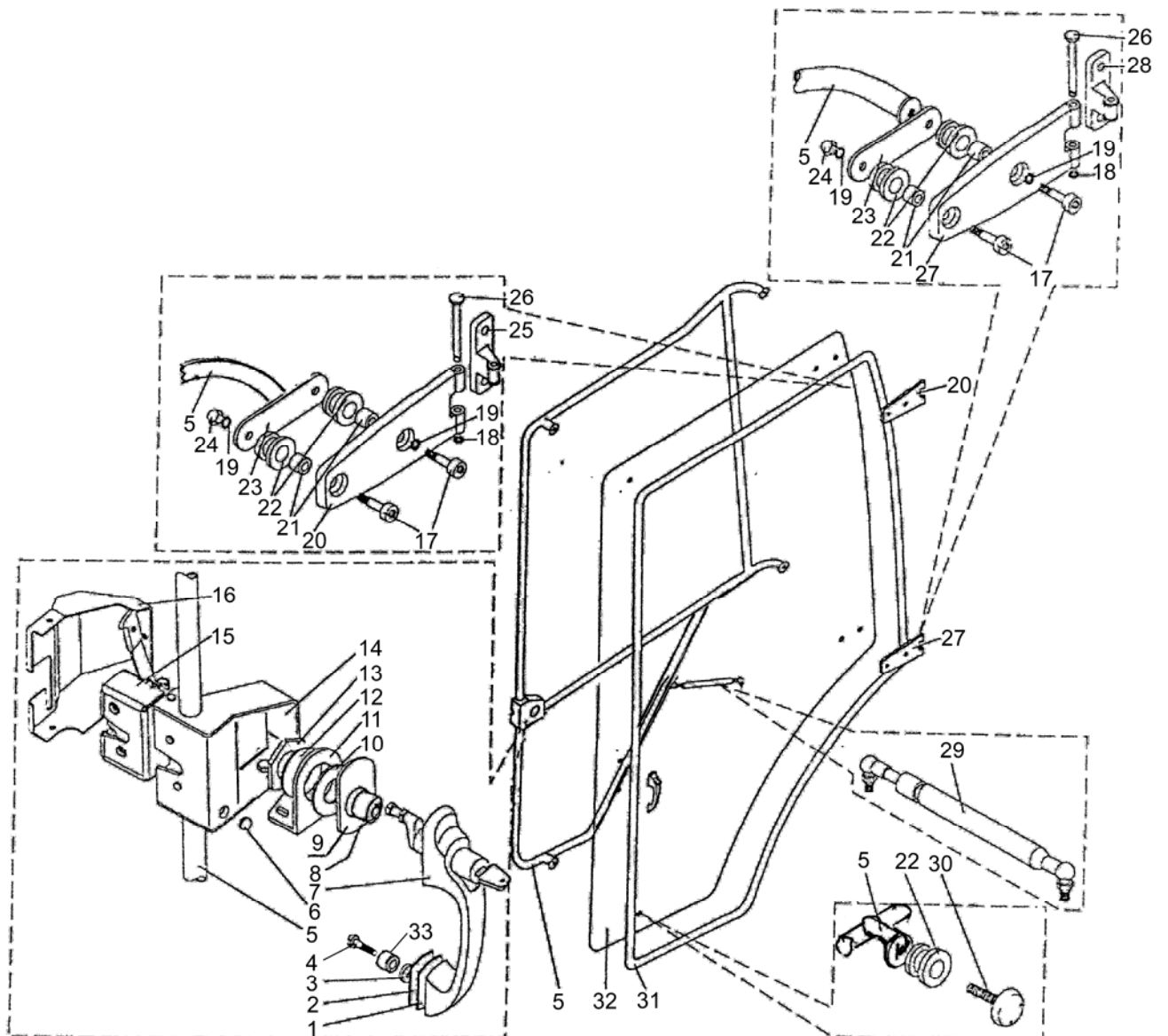


Fig. 67.2. Cab door

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

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
67.2	1	2522-6105018	2	Gasket
	2	2522-6105019	2	Gasket
	3	2522-6105021	2	Washer
	4	M6x20	2	Screw
	5	2522-6708020-A	1	Left-hand frame
		2522-6708020-A-01	1	Right-hand frame
	6	70-8401072	2	Buffer
	7	2522-6105330	1	Handle
		2522-6105330	1	Handle
	8	2522-6105022	2	Bushing
	9	2522-6105013	2	Gasket
	10	2522-6105014	2	Gasket
	11	2522-6105023	1	Bracket
		2522-6105023-01	1	Bracket
	12	2522-6105016	2	Washer
	13	2522-6105017	2	Nut
	14	2522-6708023	1	Left-hand bracket
		2522-6708023-01	1	Right-hand bracket
	15	80-6105050	1	Lock
		80-6105050-01	1	Lock
	16	2522-6708812	1	Cover
		2522-6708812-01	1	Cover
	17	M8	8	Screw
	18	ШП 5	4	Washer
	19	ШП 8	8	Washer
	20	2522-6708056	1	Upper left-hand hinge
		2522-6708056-01	1	Upper right-hand hinge
	21	2522-6708017	8	Bushing
	22	2522-6708016	12	Bushing
	23	2522-6708011	4	Slat
	24	2522-6708029	4	Nut
	25	2522-6705051	1	Upper left-hand hinge
		2522-6705051-01	1	Upper right-hand hinge
	26	822-6700011	4	Pin
	27	2522-6708061	1	Lower left-hand hinge
		2522-6708061-01	1	Lower right-hand hinge
	28	2522-6708066	1	Lower left-hand hinge
		2522-6708066-01	1	Lower right-hand hinge
	29	2522-6707201-Б-01	2	Pneumatic lift
	30	2522-6708975	4	Screw
	31	B-716	2	Profile
	32	2522-6708013	1	Left-hand glass
		2522-6708013-01	1	Right-hand glass
	33	2522П-6105024	2	Bushing

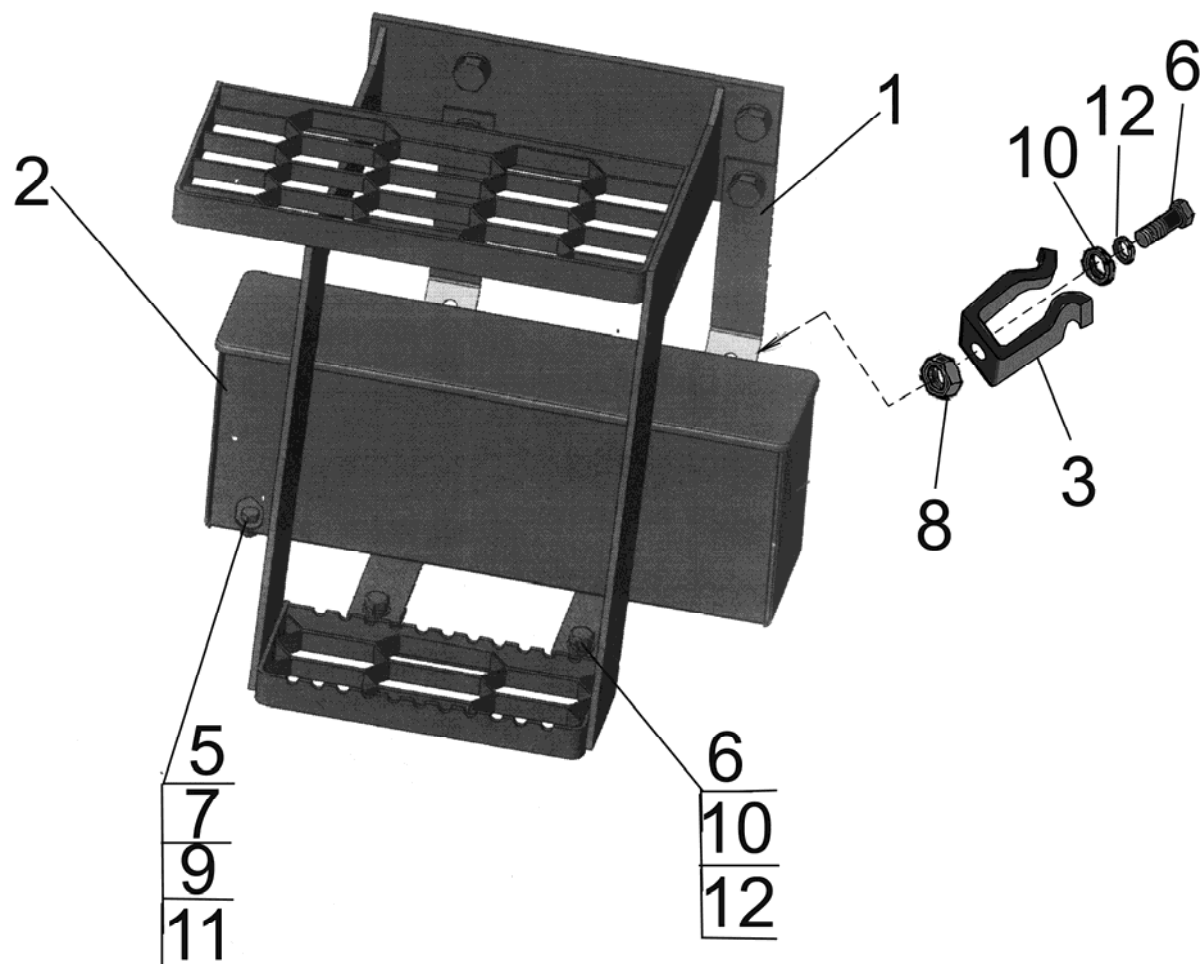


Fig. 67.3. Tool box assembly

Group 67. Tractor cab
Subgroup 6700. Tool box assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
67.3		2022-6700170	1	Tool box assembly (1, 2)
	1	2022-6700175	1	Bracket
	2	70-3919110	1	Tool box
	3	50-3913214	2	Clamp
	5	M8-6gx16.88.35.019	4	Bolt, State Standard (ГОСТ) 7795-70
	6	M10gx25.88.35.019	4	Bolt, State Standard (ГОСТ) 7795-70
	7	M8-6H.6.019	4	Nut, State Standard (ГОСТ) 5915-70
	8	M10-6H.6.019	2	Nut, State Standard (ГОСТ) 5915-70
	9	C8.01.019	8	Washer, State Standard (ГОСТ) 11371-78
	10	C10.01.019	4	Washer, State Standard (ГОСТ) 11371-78
	11	8T	4	Washer, Branch Standard (ОСТ) 37.001.115-75
	12	10 OT	4	Washer, Branch Standard (ОСТ) 37.001.115-75

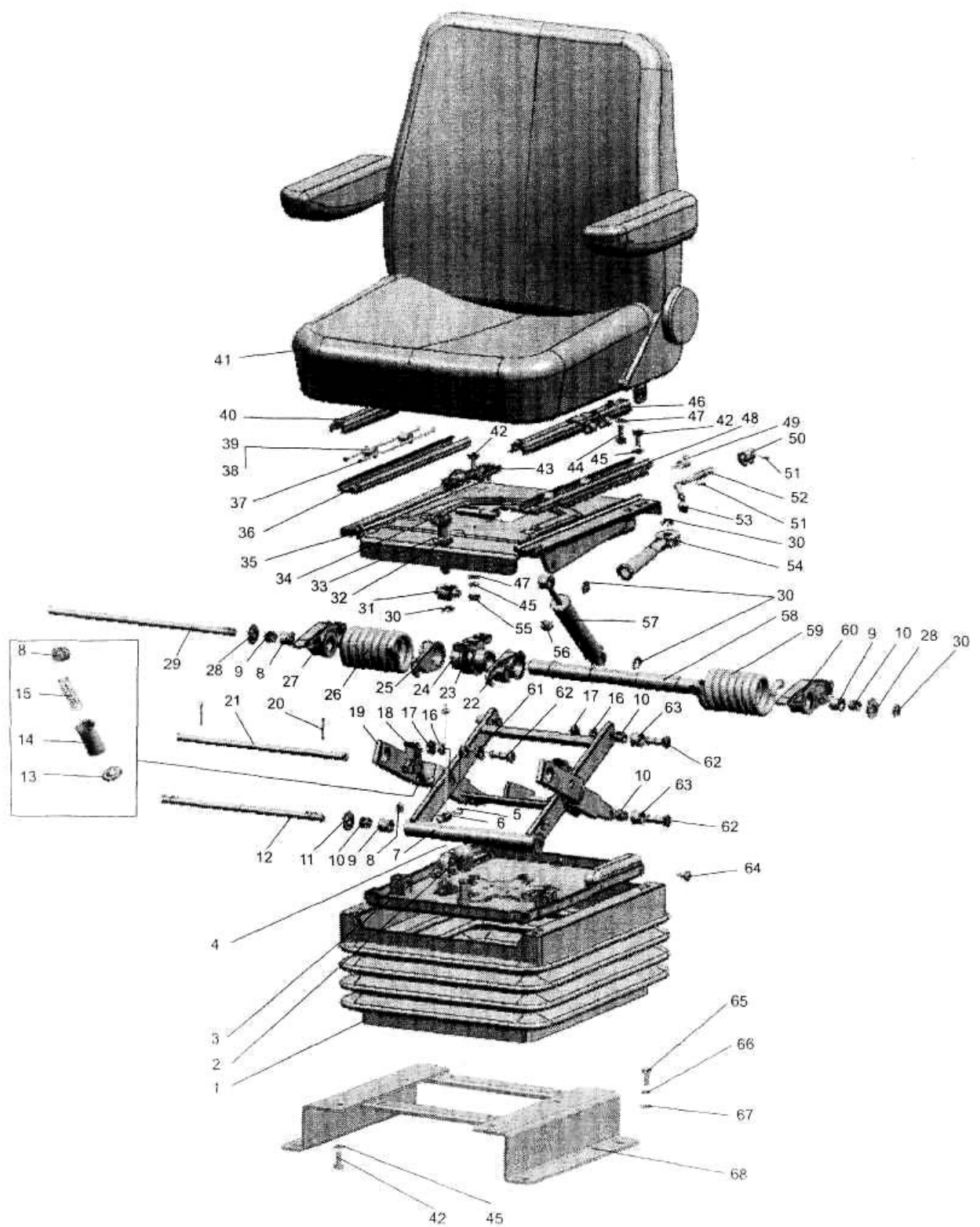


Fig. 68.1. Operator's seat

Group 68. Operator's seat
Subgroup 6800. Operator's seat

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
68.1		80-6800010	1	Seat (1-64)
		80-6800010-01	1	Seat (1-64)
	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-6801033-01	2	Washer
	12	80B-6801508	1	Axle
	13	80B-6801519	2	Foot
	14	80B-6801518	2	Sleeve
	15	80B-6801530-Б	2	Spring
	16	ШП10	6	Washer
	17	M10	6	Nut
	18	80B-6801581	2	Pawl
	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-6801033	2	Washer
	29	80B-6801506	1	Axle
	30	70-6801307	5	Washer
	31	80B-6801023	1	Nut
	32	80B-6801008	1	Washer
	33	3,0-100	22	Ball
	34	80B-6801152	1	Screw
	35	80-6801550	1	Panel
	36	80-6800104	1	Guide
	37	70-6804394-Б	4	Rod
	38	70-6804391	4	Roller
	39	010-015-30-2-3	4	Ring
	40	80-6800110-01	1	Rack
	41	CT-154T.6800010	1	Seat
		CT-154TM.6800010	1	Seat
	42	M8x20	11	Bolt
	43	80B-6801031	1	Booster
	44	M8x20	4	Screw
	45	ШП8	11	Washer
	46	80-6800110	1	Rack



Group 68. Operator's seat
Subgroup 6800. Operator's seat

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
68.1	47	ШЧ8	6	Washer
	48	80-6800120	1	Guide
	49	80-6800103	1	Spring
	50	80-6800102	1	Stop
	51	70-4202431-01	2	Pin
	52	80-6800101	1	Handle
	53	70-6801082	1	Handle
	54	80B-6801150	1	Handle
	55	M8	1	Nut
	56	80-6801531	6	Buffer
	57	80-6809100-11	1	Shock absorber
	58	80B-6801505	1	Roller
	59	80B-6801002-01	1	Spring
	60	80B-6801507-01	1	Sector
	61	80B-6801526	4	Fork
	62	80B-6801528	6	Axle
	63	80B-6801032	4	Roller
	64	80-6800006	20	Button
	65	M10	4	Bolt
	66	ШП10	4	Washer
	67	ШЧ10	4	Washer
	68	1522-6800010-Б*	1	Bracket

* Optionally

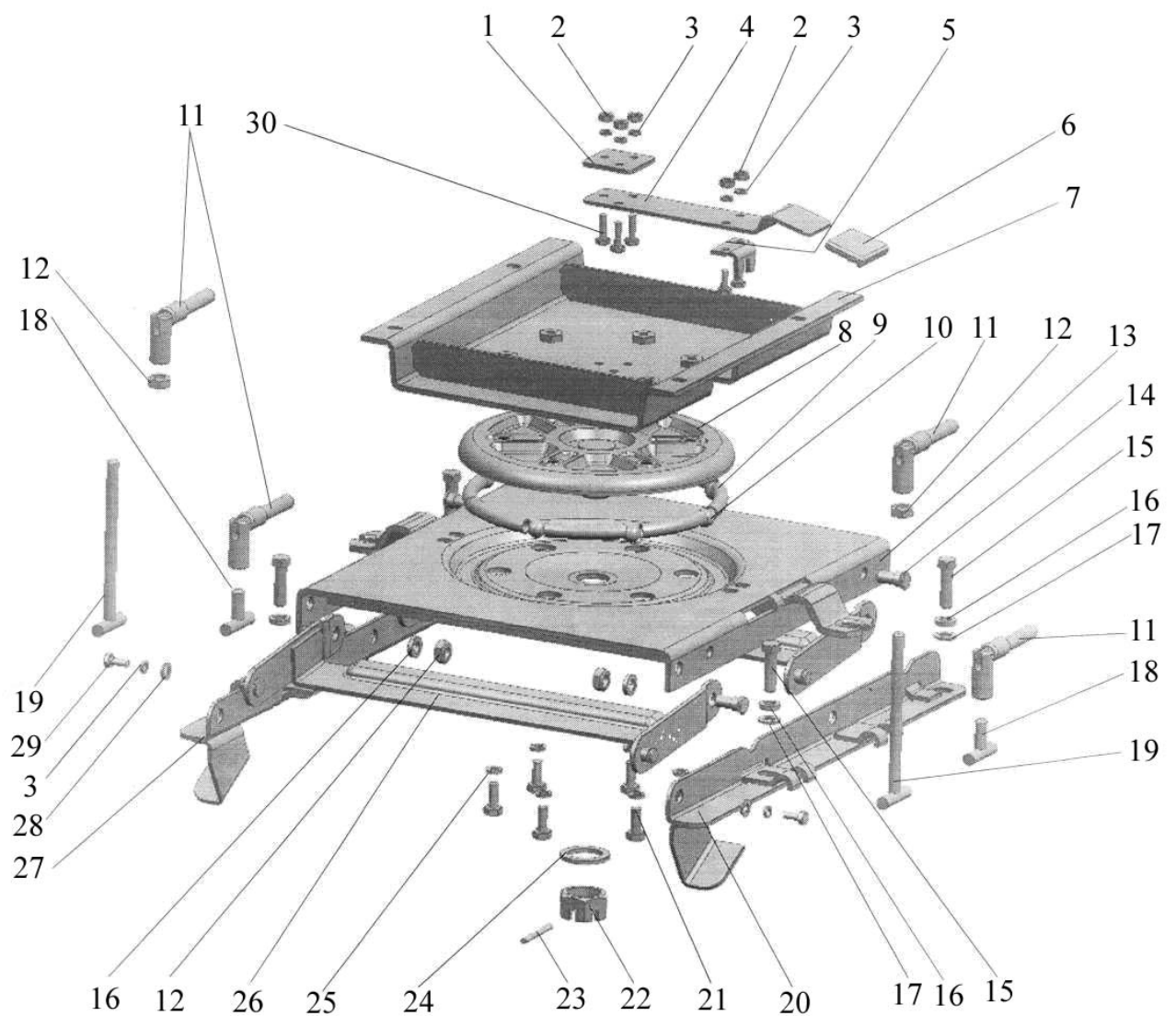


Fig. 68.2. Reverse mechanism

Group 68. Operator's seat
Subgroup 6807. Reverse mechanism

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
68.2		2522-6807000-01	1	Reverse mechanism
	1	80B- 6804014	1	Liner
	2	M6	5	Nut
	3	ШП6	9	Washer
	4	80B-6807009-Б	1	Lever
	5	1522-6807101	1	Stop
	6	80B-6804066	1	Liner
	7	1522-6807160	1	Panel
	8	80B-6807070	1	Disk
	9	80-1716041	8	Spring
	10	15.081	8	Ball
	11	80B-6807040	4	Clamp
	12	M10	6	Nut
	13	2522-6807020	1	Panel
	14	2522-6807001	4	Bolt
	15	M10x30	4	Bolt
	16	ШП10	8	Washer
	17	ШЧ10	4	Washer
	18	80B-6807050	2	Screw
	19	1522-6807150	2	Screw
	20	2522-6807010	1	Bracket
	21	M8x20	6	Bolt
	22	A04.02.020	1	Nut
	23	5x45	1	Cotter pin
	24	ШЧ27	1	Washer
	25	ШП8	6	Washer
	26	2522-6807040	2	Connecting rod
	27	2522-6807010-01	1	Bracket
	28	ШЧ6	4	Washer
	29	M6x14	6	Bolt
	30	M6x20	3	Bolt

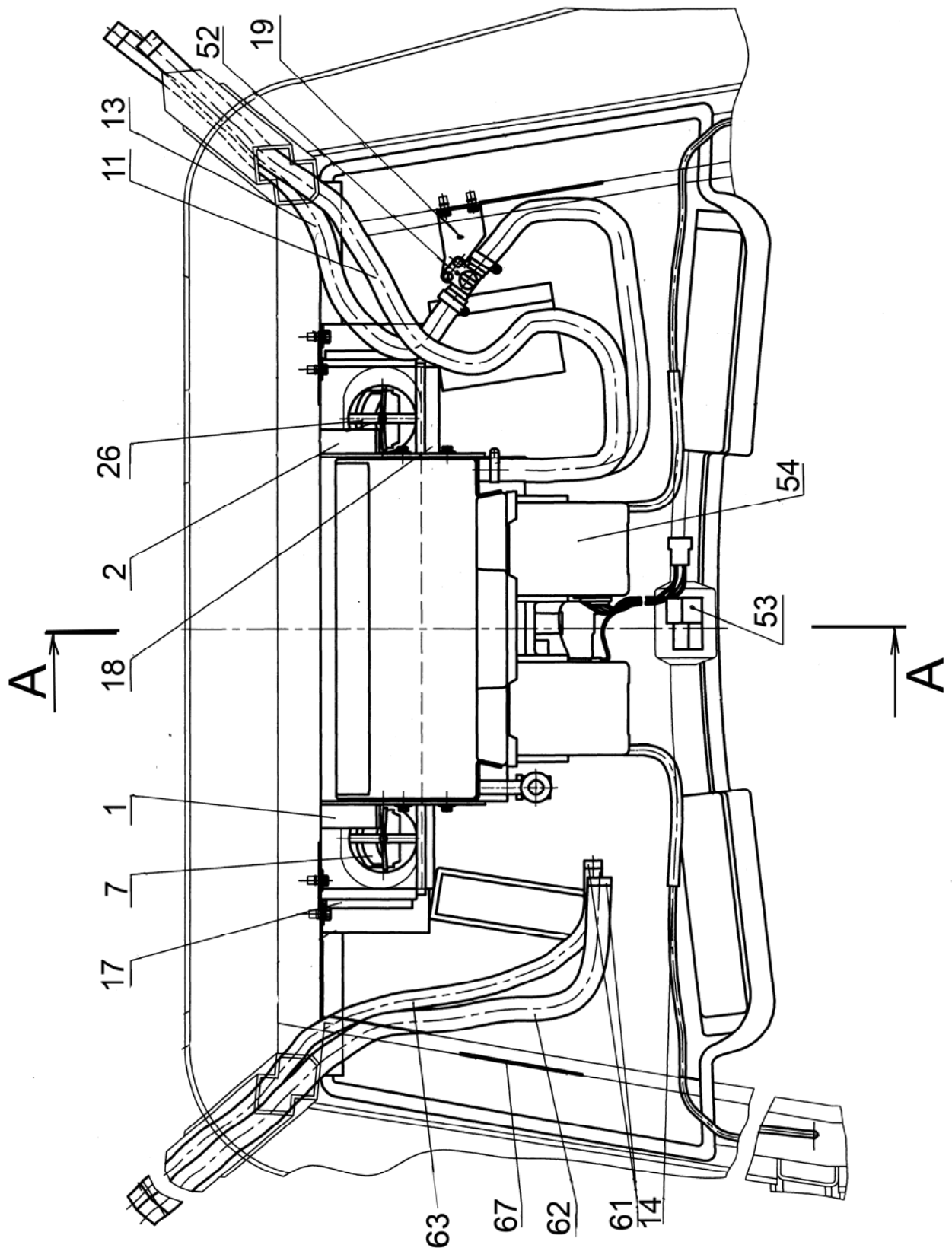


Fig. 81.1. Heater-cooler assembly

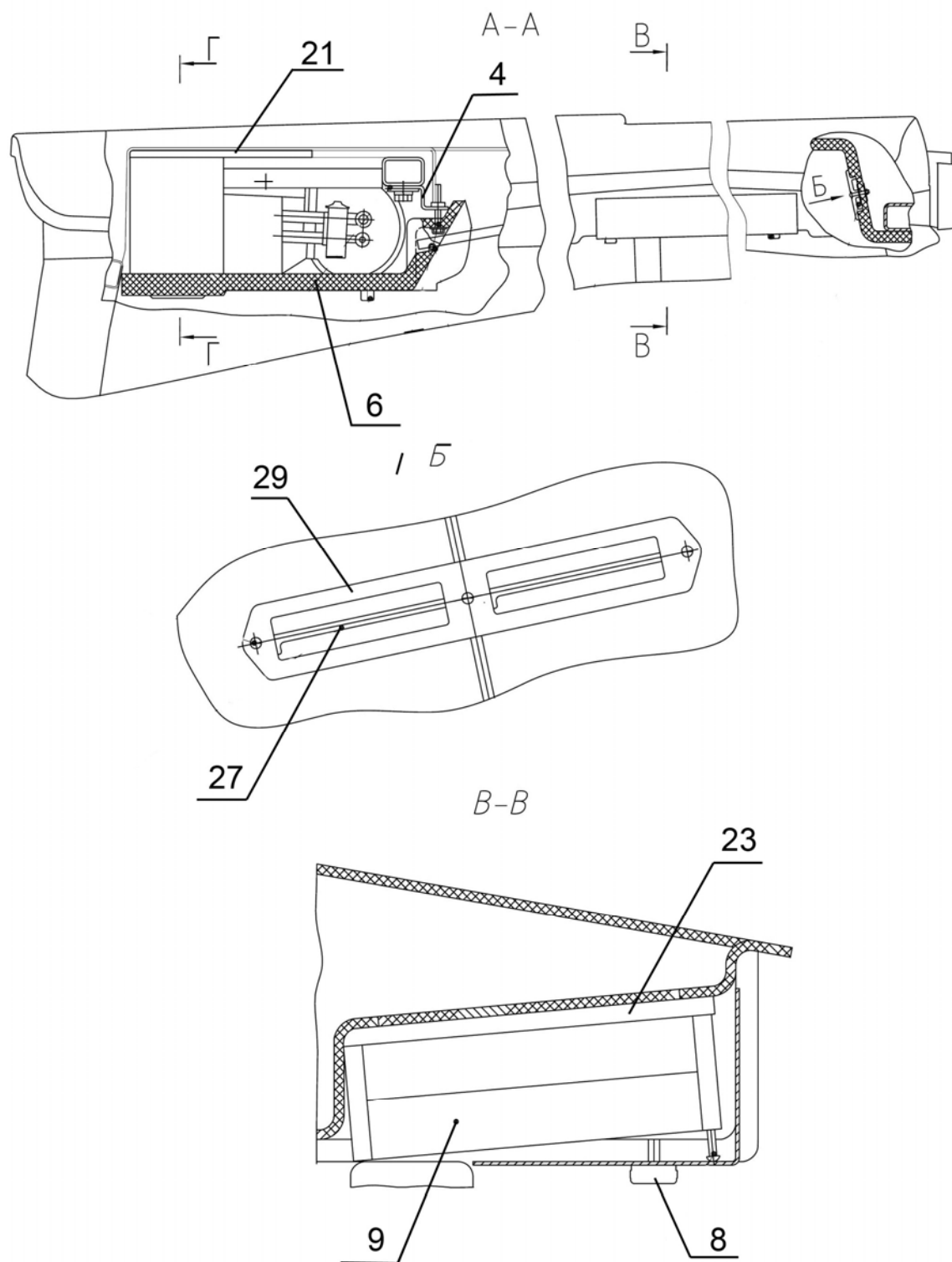


Fig. 81.2. Heater-cooler assembly

Group 81. Air-conditioning system
Subgroup 8101. Heater-cooler assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
81.1 81.2	1	3022-8101020	1	Bracket
	2	3022-8101020-01	1	Bracket
	3	3022-8101100	2	Bracket
	6	1522-8101110	1	Panel
	7	1522-8104100	6	Deflector
	8	80-3805065-01	4	Screw
	9	80-8104060	2	Filter
	11	3022-8101011	1	Hose
	13	3022-8101011-02	1	Hose
	14	3022-8101012	2	Tube
	17	3022-8101017	2	Wall
	18	3022-8101018	1	Seal
	19	1522-8101036	1	Bracket
	21	1522-8101013-02	1	Seal
	23	1522-8101091-02	1	Seal
	25	1522-8104023	2	Grill
	26	1522-8104105	6	Cramp
	27	80-8100012	2	Shutter
	29	80-8100011-Б	1	Cover
	52	ПО 11	1	Tap
	53	586415	1	Fan switch
	54	U003CF041E	1	Climatic unit
	61	TORRO 20-32/9-C6W	2	NORMA clamp
	62		1	Hose No.10 90010GN (L=4200 mm)
	63		1	Hose No.6 90006GN (L=5100 mm)

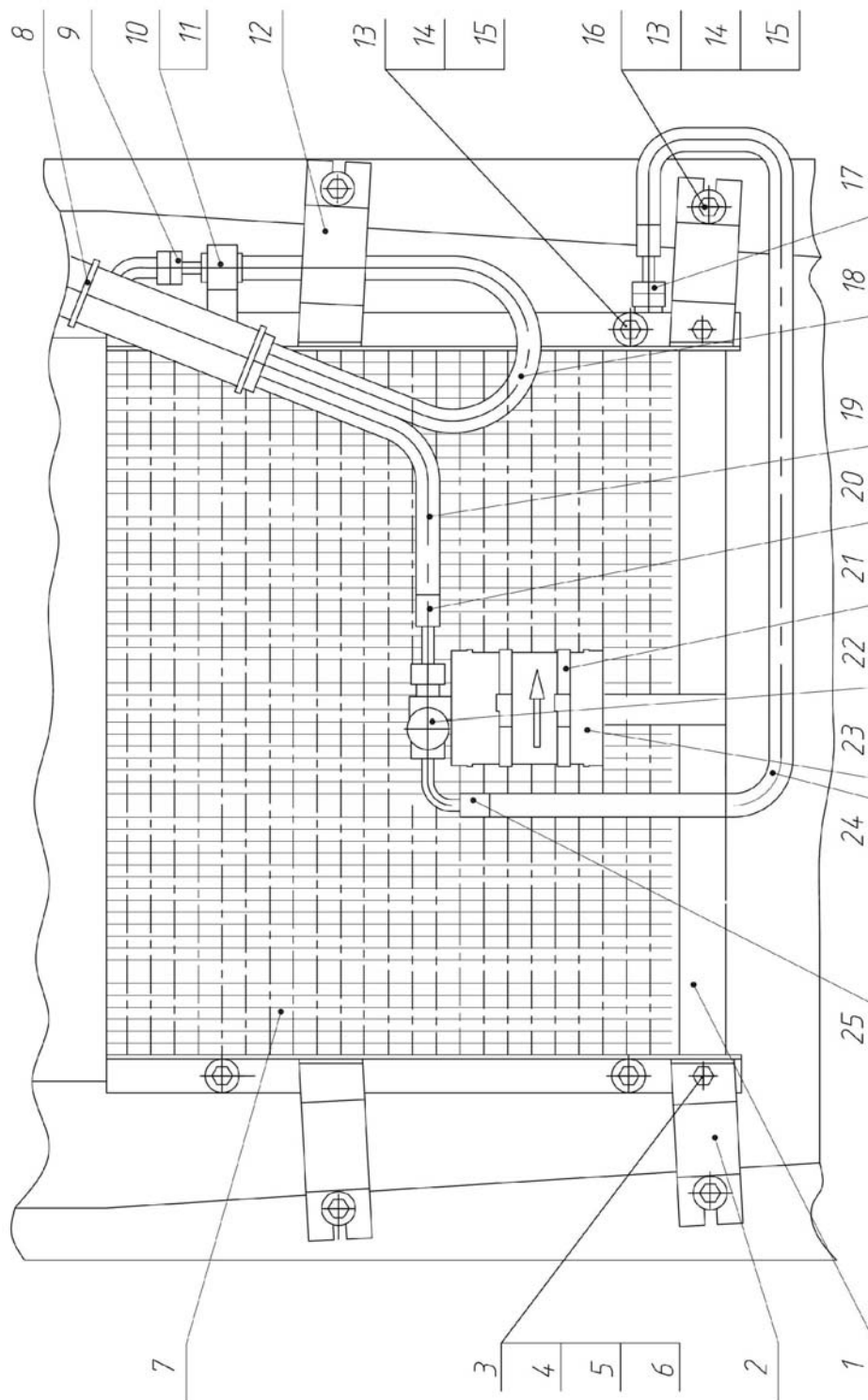


Fig. 81.3. Condenser and drying filter assembly

Group 81. Air-conditioning system
Subgroup 8112. Condenser and drying filter assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
81.3	1	3022-8112050	1	Bracket
	2	3022-8112110	1	Bracket
	3		2	Bolt M6-6gx25.88.35.019, State Standard (ГОСТ) 7798-70
	4		2	Nut M6-6H.6.019, State Standard (ГОСТ) 5915-70
	5		2	Washer C6.01.019, State Standard (ГОСТ) 11371-78
	6		2	Washer 6T, Branch Standard (ОСТ) 37.001.115-75
	7	U00022437	1	Condenser (of the air-conditioner MT8100000)
	8	80-3723045-01	2	Collar
	9	70108FG095	1	Fitting
	10	923-3723012	1	Clip
	11	3022-8100011	1	Tube
	12	3022-8112110-01	1	Bracket
	13		6	Nut M8-6H.6.019, State Standard (ГОСТ) 5915-70
	14		6	Washer C8.01.019, State Standard (ГОСТ) 6958-78
	15		6	Washer 8T, Branch Standard (ОСТ) 37.001.115-75
	16		2	Bolt M8-6gx25.88.35.019, State Standard (ГОСТ) 7796-70
	17	70106FG056	1	Fitting
	18	90008GN1	1	Hose
	19	90006 GN1	1	Hose
	20	70106 FG039	1	Fitting
	21	TORRO 70-90/9-C6W	2	NORMA clamp
	22		1	Pressure sensor
	23	017051	1	Drying filter (of the air-conditioner MT8100000)
	24	90006GN1	1	Hose
	25	70106FG032	1	Fitting

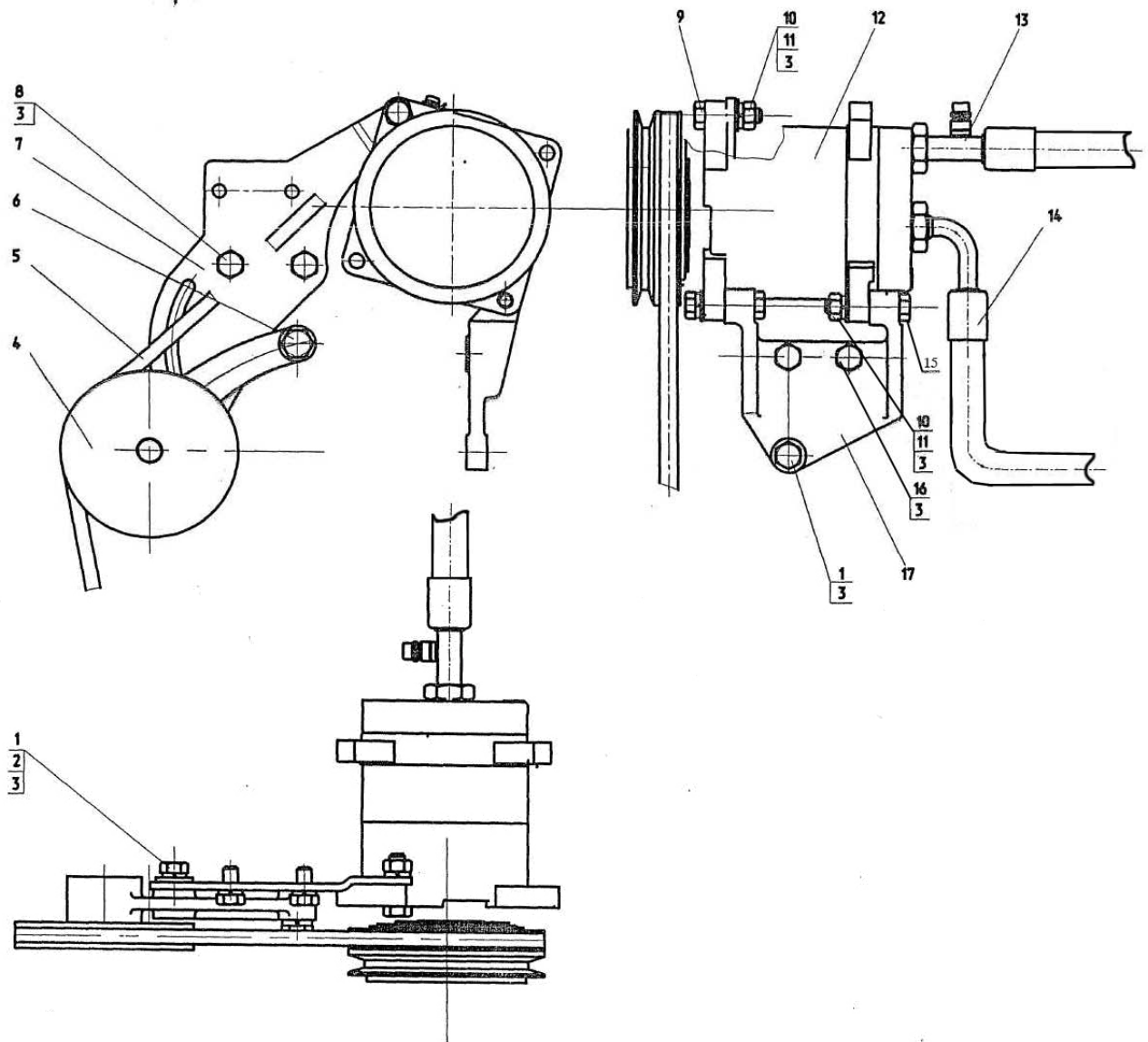


Fig.81.4. Compressor assembly

Group 81. Air-conditioning system assembly
Subgroup 8114. Compressor assembly

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
81.4	1		2	Bolt M10-6gx30.88.35.019
	2	50-1002073	1	Washer
	3		9	Washer 10 OT
	4	1221-8114070	1	Tensioner lever
	5		1	Belt 1-11x10-1650 or Toothed belt SPAIS – 1650 STOMIL EAST, Poland
	6		1	Bolt M12-6gx35.109.40X.019
	7	1221-8114021	1	Plate
	8		2	Bolt M10-6gx16.88.35.019
	9		1	Bolt M10-6gx35.88.35.019
	10			Nut M10-6H.6.019
	11			Washer C.10.01.08кп.019
	12		1	Compressor 015200
	13		1	Fitting 70110FG160
	14		1	Fitting 70108FG162
	15		2	Bolt TM10-6gx50.88.35.019
	16	260-3701068	2	Special bolt
	17	1221-8114022	1	Bracket
	18		1	Washer 12 OT

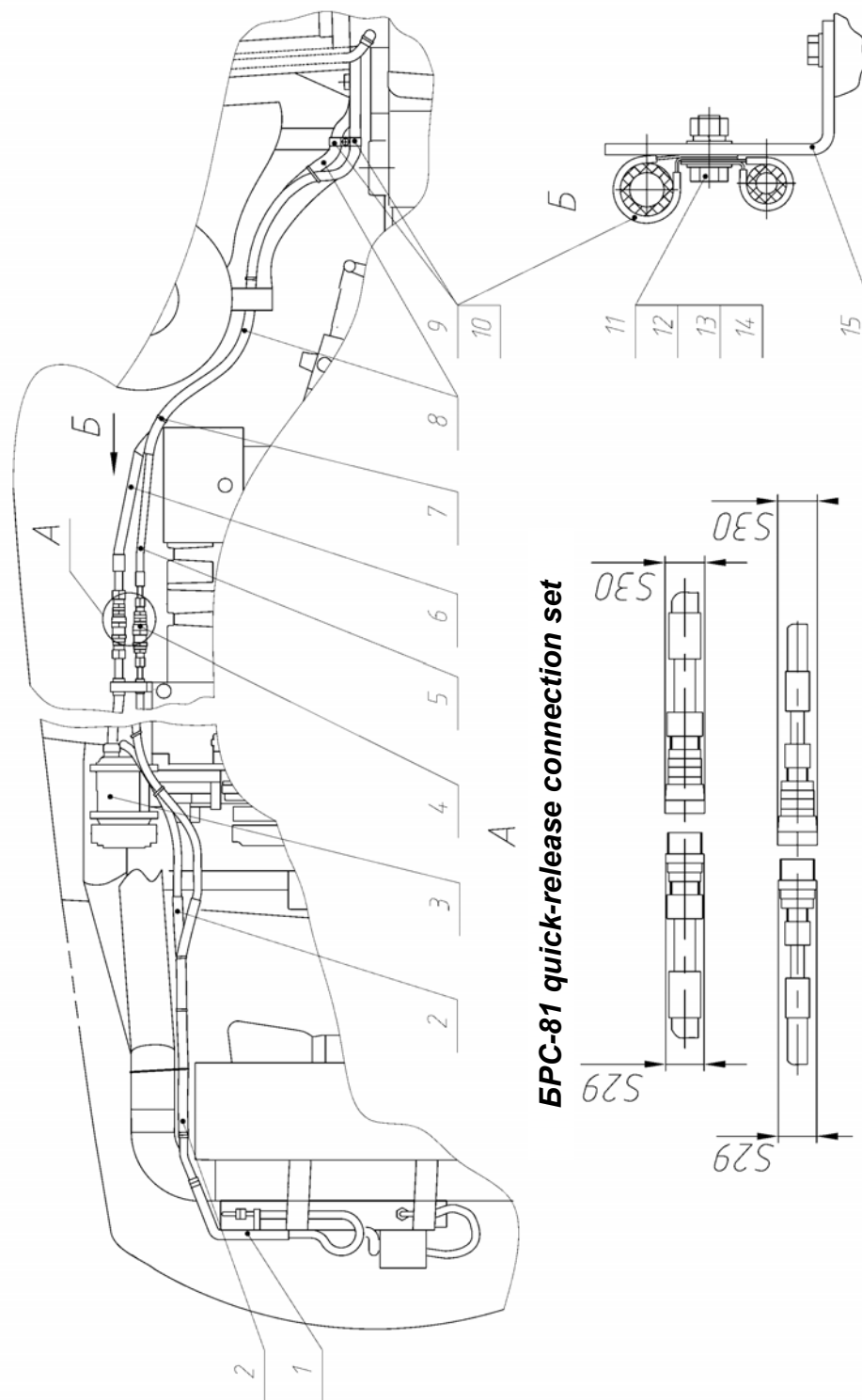


Fig. 81.5. Installation of the air-conditioner hoses

Group 81. Air-conditioning system
Subgroup 8101. Installation of the air-conditioner hoses

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
81.5	1	2822ДЦ-8100012	1	Hose
	2	2822ДЦ-8100013-01	2	Hose
	3	015200	1	Compressor
	4	БСР-81	1	Quick-release connection kit
	5	No.6 90006GN	1	Hose
	6	No.10 90010GN	1	Hose
	7	80-3723045-01	14	Collar
	8	2822ДЦ-8100013-03	2	Hose
	9	3022-8100011	4	Tube
	10	822-3723044	4	Clip
	11		2	Bolt M8-6gx30.88.35.019, State Standard (ГОСТ) 7796-70
	12		2	Nut M8-6H.6.019, State Standard (ГОСТ) 5915-70
	13		4	Washer 6.01.019, State Standard (ГОСТ) 6958-78
	14		2	Washer 6T, Branch Standard (ОСТ) 37.001.115-74
	15	90-8402071-01	1	Bracket

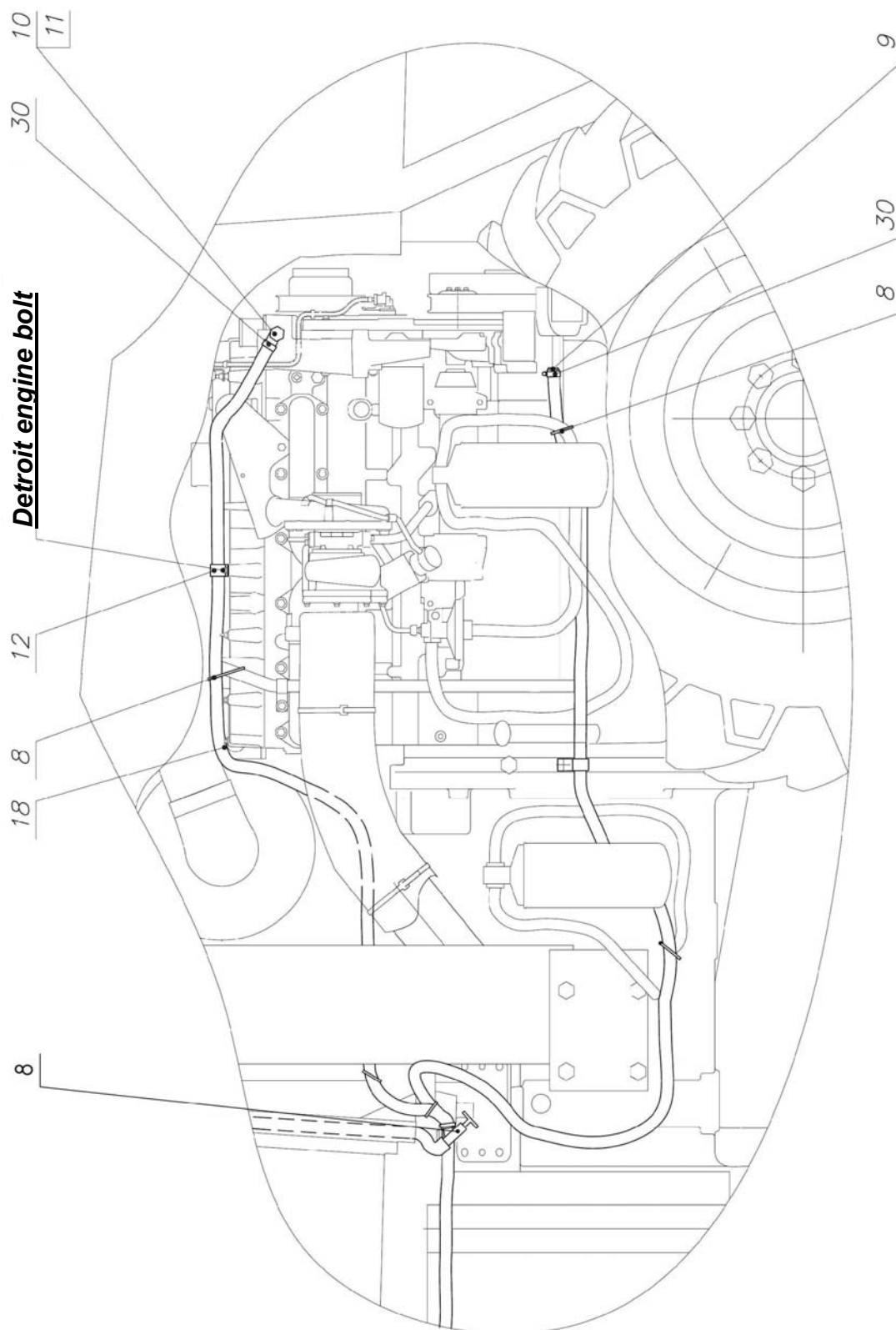


Fig. 81.6. Installation of the heater hoses

Group 81. Air-conditioning system
Subgroup 8101. Installation of the heater hoses

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
81.6	1	1522-8101012	1	Hose
	2	80-3723045-01	8	Collar
	3	923-3723012	8	Clip
	4	20-32/9-C6	4	Norma TORRO clamp
	5	30228100007	1	Union
	6	80-8100023	1	Union
	7	30228100006	1	Union
	8	BC11-0	1	Tap

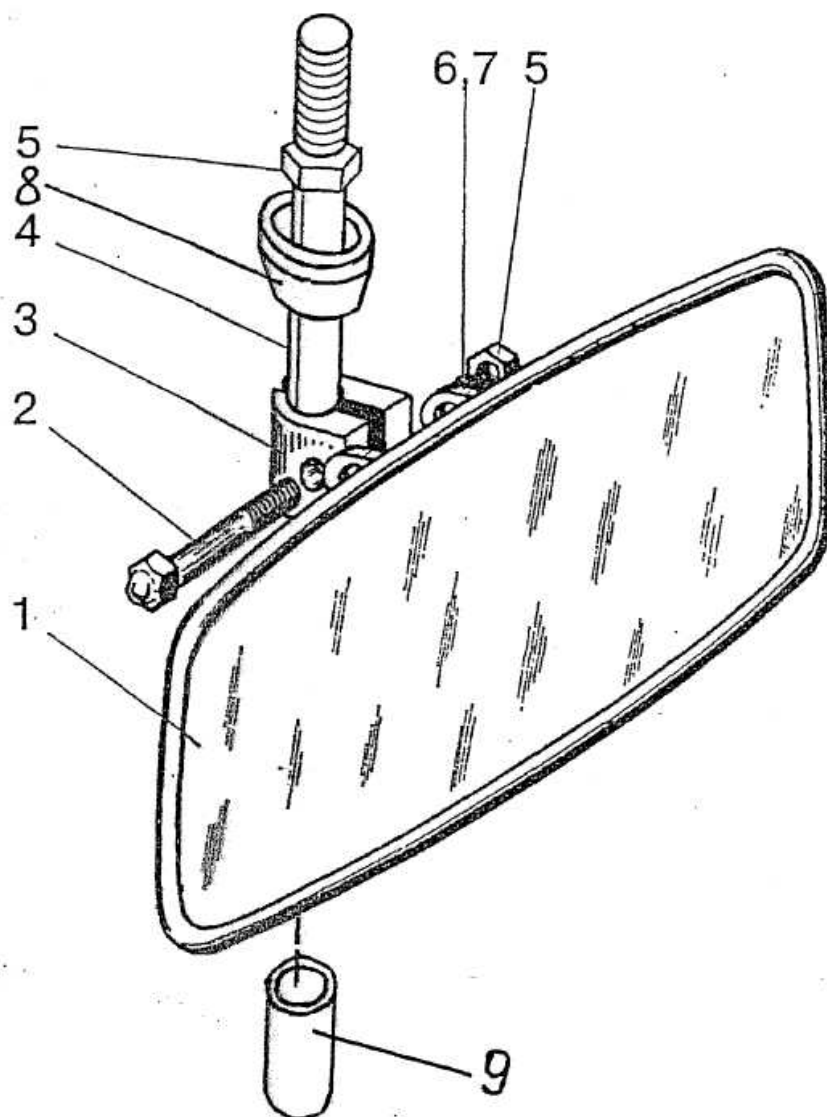


Fig. 82.1. Internal mirror

Group 82. Cab accessories
Subgroup 8201. Internal mirror

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
82.1		2522-8201090	1	Internal mirror assembly (1, 4, 5, 8, 9)
	1	80-8201035	1	Internal mirror
	2	M8x25	1	Bolt
	3	A30.04.071	1	Clip
	4	2522-8201091	1	Axle
	5	M8	2	Nut
	6	ШЧ8	1	Washer
	7	ШП8	1	Washer
	8	2522-8201092	1	Cap
	9	70-6700103	1	Cap

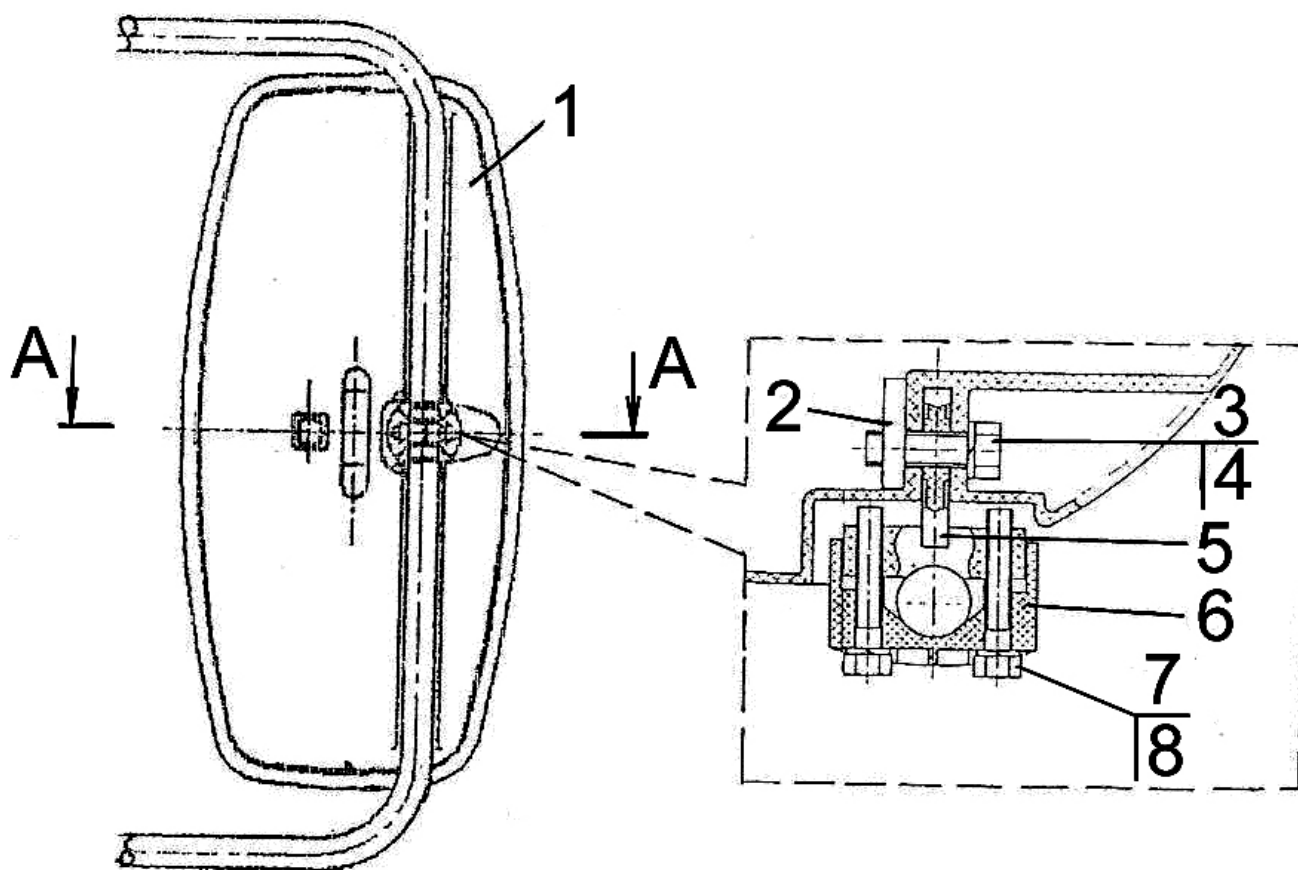


Fig. 82.2. External mirror

Group 82. Tractor cab
Subgroup 8201. External mirror

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
82.2	1	САКД 458201.020-01	2	External mirror
	2	САКД 458201.075	2	Plate
	3	M8x35	2	Bolt
	4	ШП 8	2	Washer
	5	САКД 458201.062	2	Bracket
	6	САКД 458201.064	2	Bushing
	7	M6x40	4	Bolt
	8	ШП 6	4	Washer

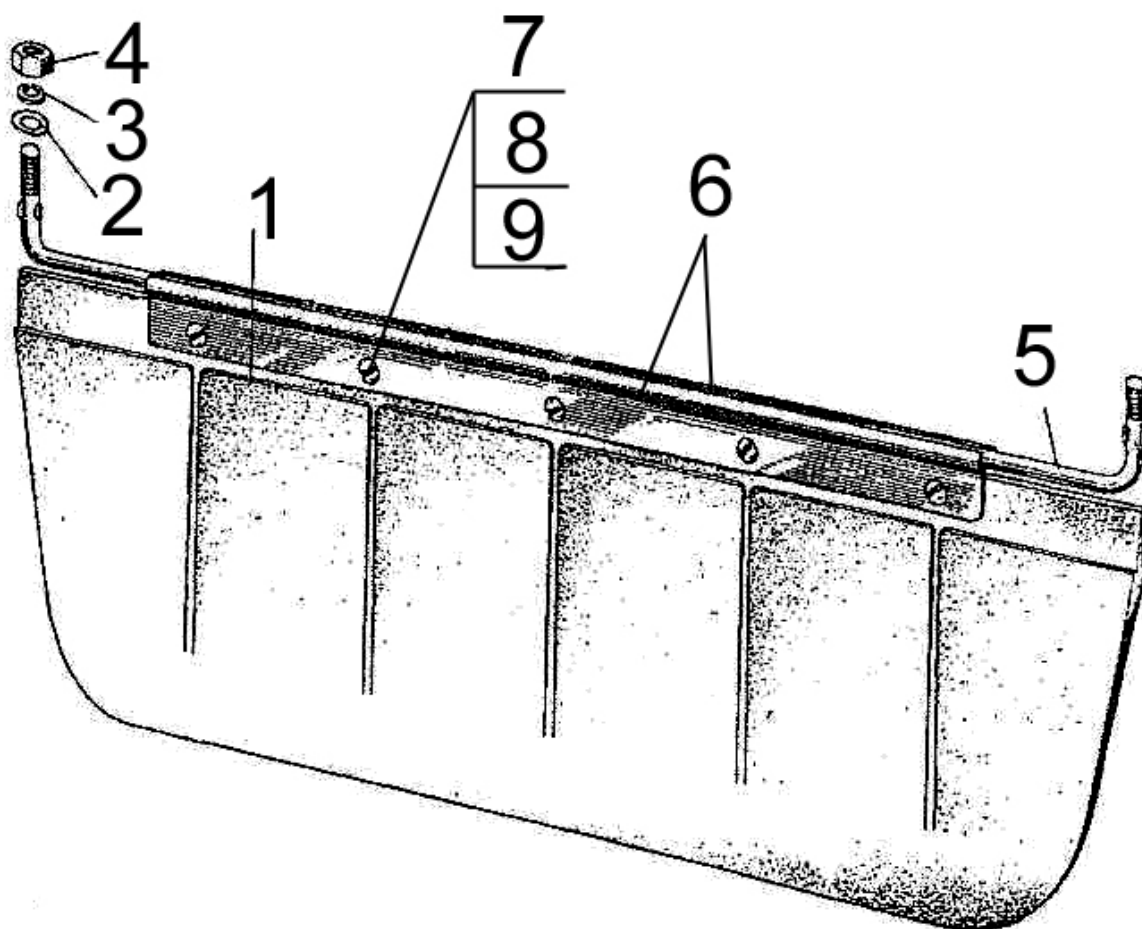


Fig. 82.3. Sun visor

Group 82. Tractor cab
Subgroup 8201. Sun visor

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
82.3		80П-8204010-01	1	Sun visor (1-9)
	1	70-8204011-A	1	Visor
	2	ШЧ 6	2	Washer
	3	ШП 6	2	Washer
	4	М6	2	Nut
	5	80П-8204011-01	1	Axle
	6	70-8204014	2	Holder
	7	ВМ4-6gx10.58.019	5	Screw
	8	М4-6Н	5	Nut
	9	ШП 4	5	Washer

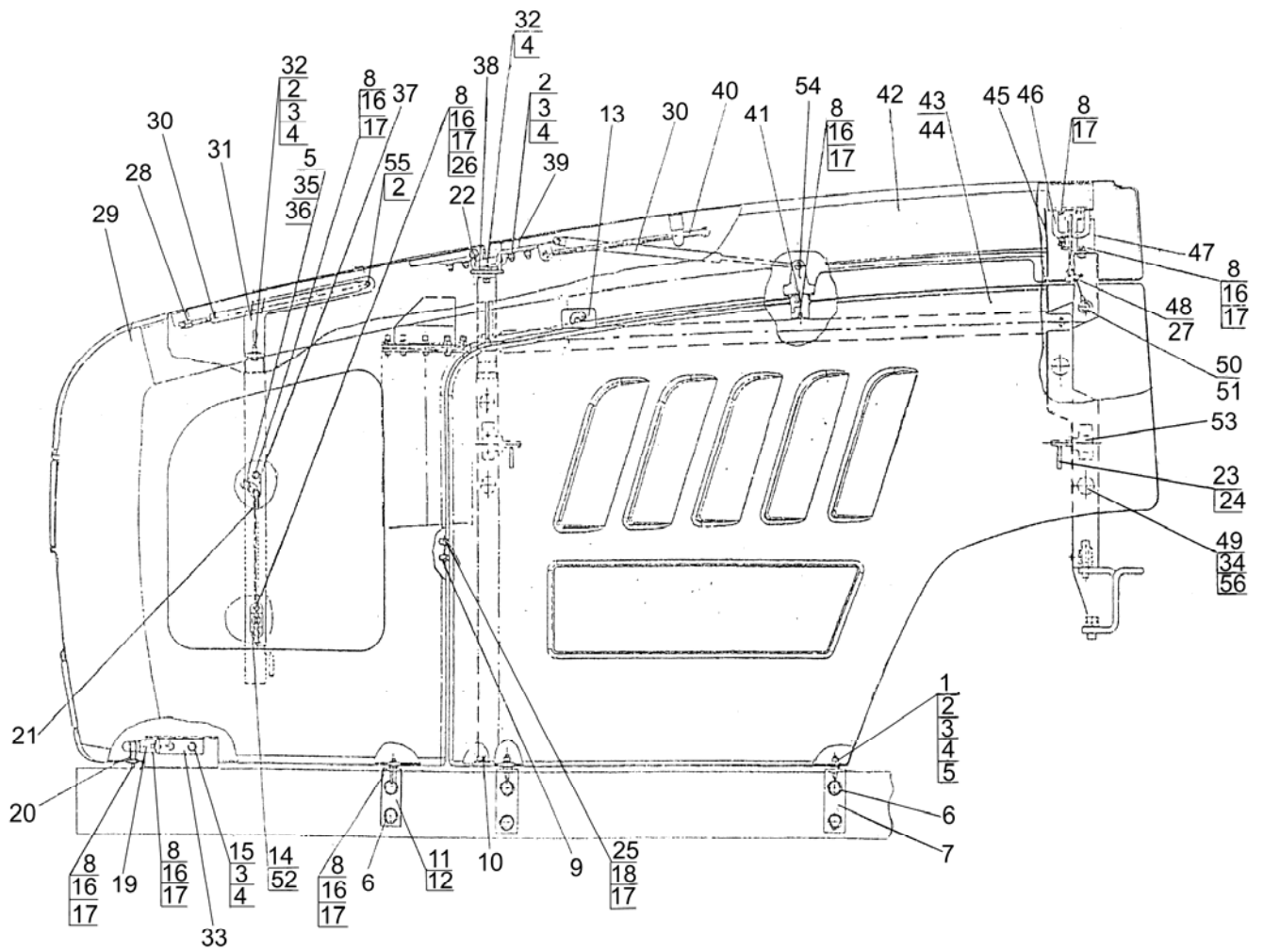


Fig. 84.1. Facing

**Group 84. Empennage
Subgroup 8400. Facing**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
84.1	1	923-8400011	4	Pawl
	2	M8-6H.6.019	18	Nut, State Standard (ГОСТ) 5915-70
	3	C8.01.019	18	Washer, State Standard (ГОСТ) 6958-78
	4	8T	12	Washer, Branch Standard (ОСТ) 37.001.115-75
	5	549A-1305044	6	Ring
	6	C16.01.019	12	Washer, State Standard (ГОСТ) 11371-78
	7	2022-8400142	4	Support
	8	M6-6gx16.88.35.019	47	Bolt, State Standard (ГОСТ) 7798-70
	9	2022-8400001	1	Plate
	10	2022-8400010	1	Frame
	11	2022-8400024	1	Guide
	12	2022-8400024-01	1	Guide
	13	90-8400012-Б	1	Bracket
	14	90-8400021	1	Clamp
	15	M8-6gx20.88.35.019	4	Bolt, State Standard (ГОСТ) 7796-70
	16	C6.01.019	47	Washer, State Standard (ГОСТ) 6958-78
	17	6T	47	Washer, Branch Standard (ОСТ) 37.001.115-75
	18	C6.01.019	2	Washer, State Standard (ГОСТ) 11371-78
	19	923-8400050	2	Clamp
	20	923-8400012	4	Stop
	21	90-8400070	1	Rod
	22	923-8400031	4	Axle
	23	90-8402410	2	Lock
	24	90-8402410-01	2	Lock
	25	B.M6-6gx12.58.019	2	Screw, State Standard (ГОСТ) 17473-80
	26	M6-6H.6.019	4	Nut, State Standard (ГОСТ) 5915-70
	27	B.M5-6gx12.58.019	2	Screw, State Standard (ГОСТ) 17473-80
	28	5 65Г.07.6	3	Washer, State Standard (ГОСТ) 11648-76
	29	2022-8400225	1	Mask
	30	21054	3	Pneumatic lift
	31	2022-8400170-Б	1	Support
	32	M8-6gx30.88.35.019	6	Bolt, State Standard (ГОСТ) 7796-70
	33	2022-8400035	2	Bracket
	34	70-3401093	6	Lever tip
	35	C8.01.019	8	Washer, State Standard (ГОСТ) 11371-78
	36	3.2x25.019	7	Cotter pin State Standard (ГОСТ) 397-79
	37	2022-8400027	1	Bracket
	38	2022-8400040	2	Support
	39	923-8400045	4	Hinge
	40	90-8400070-01	2	Rod
	41	2022-8400190	1	Support
	42	2022-8402020	1	Bonnet
	43	2022-8402350	1	Side panel
	44	2022-8402360	1	Side panel
	45	2022-8402101	1	Screen
	46	1221-8402420	1	Cramp
	47	80-8402410	1	Lock
	48	70-4803023	1	Coupling
	49	923-8400033	10	Rod

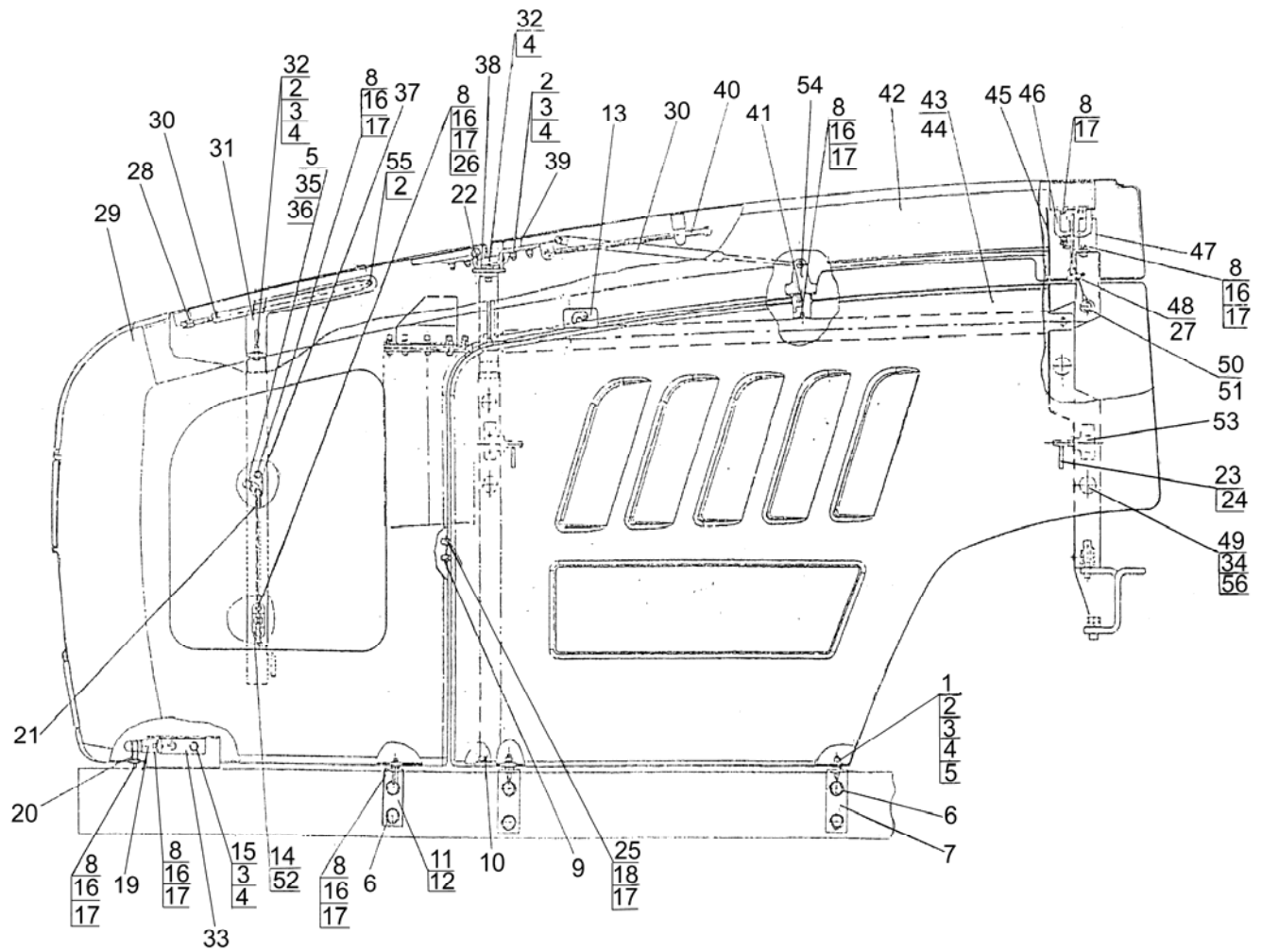


Fig. 84.1 Facing

Group 84. Empennage
Subgroup 8400. Facing

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
84.1	50	822-8400080-01	1	Control cable
	51	M12x1.25-6H.6.019	1	Nut, State Standard (ГОСТ) 5915-70
	52	92П-8400016	1	Plate
	53	1321-8402095-Б	4	Pawl
	54	80-6708225	1	Bracket
	55	M8-6gx40.88.35.019	2	Bolt, State Standard (ГОСТ) 7795-70
	56	M10-6H.6.019	10	Nut, State Standard (ГОСТ) 5915-70

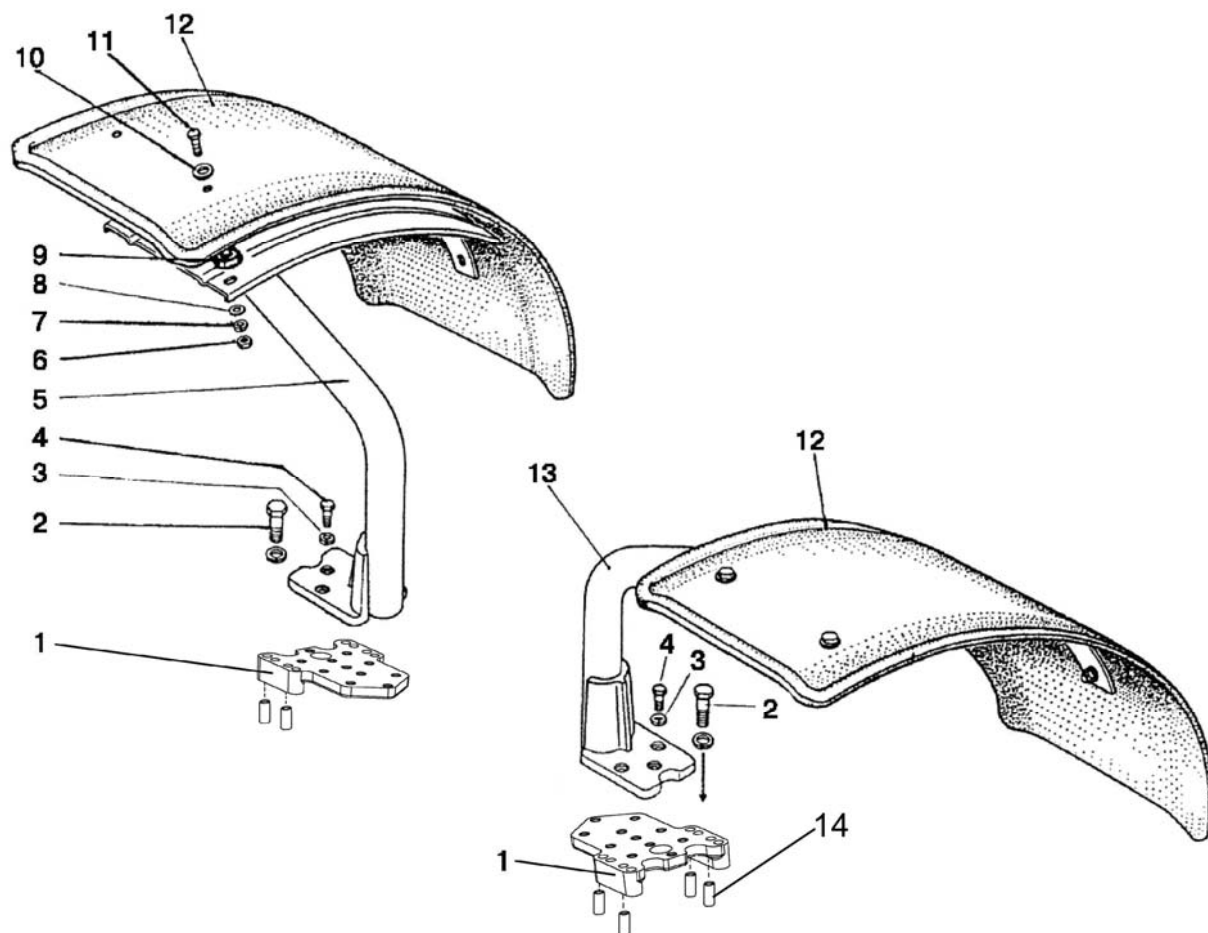


Fig. 84.2. Front wheel fenders

Group 84. Empennage
Subgroup 8403. Front wheel fenders

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
84.2	1	822-8403011-Б	2	Base
	2	M12x85	8	Bolt
	3	ШП12	14	Washer
	4	M12X30	6	Bolt
	5	2022-8403015-01	1	Pillar
	6	M10	10	Nut
	7	ШП10	10	Washer
	8	ШЧ10	10	Washer d=21 mm
	9	80-4616017	10	Roller
	10	ШЧ 10	10	Washer d=30 mm
	11	M 10x25	10	Bolt
	12	1221-8403014-Б-02 or 1221-8403014-Б1-02	2 2	Fender Fender
	13	2022-8403015	1	Pillar
	14	2022-8403012	8	Bushing

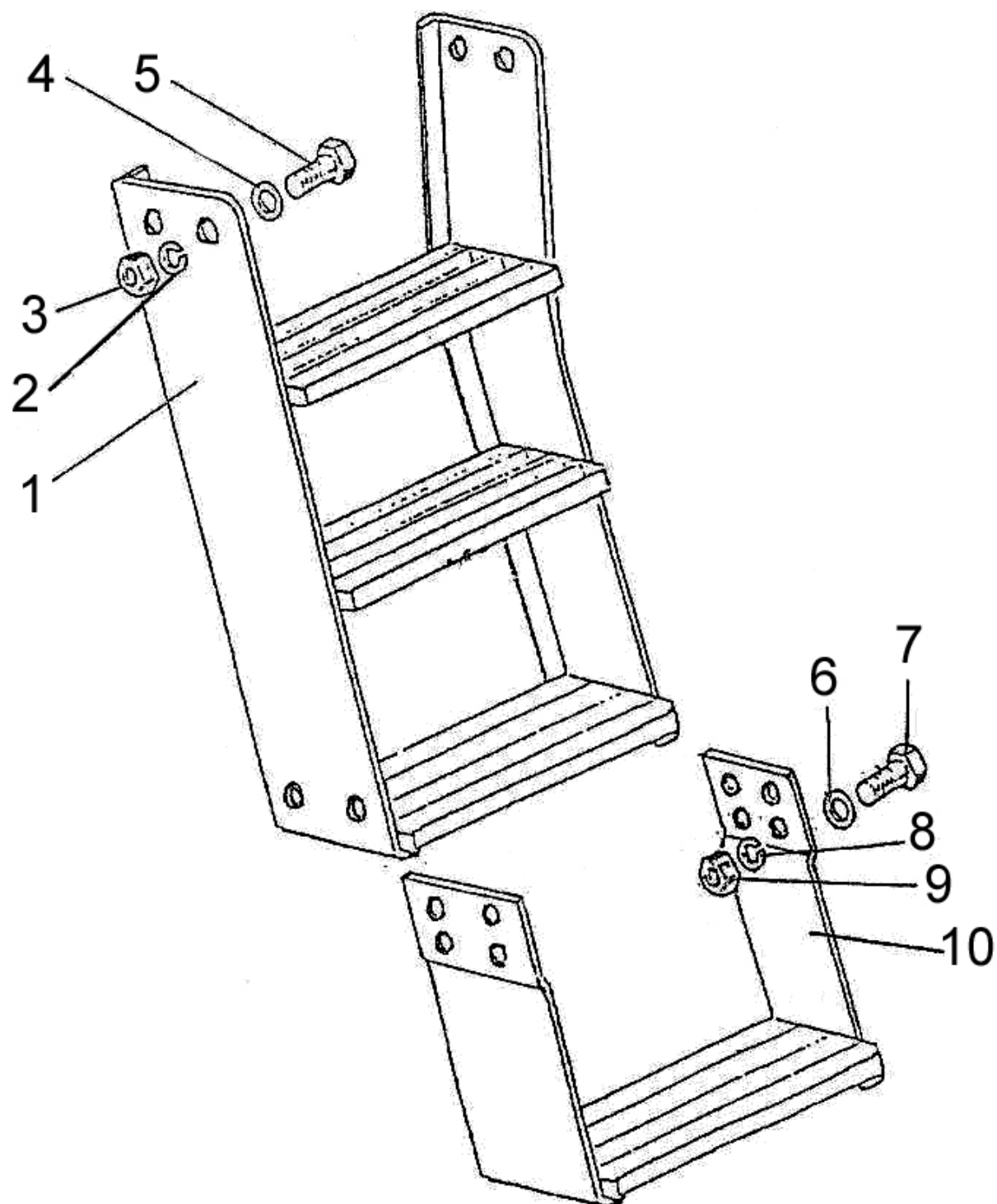


Fig. 84.3. Footboard

Group 84. Empennage
Subgroup 8405. Footboard

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
84.3		1522-8405005	1	Footboard (1-10)
	1	2522-8405010	1	Footboard
	2	ШП 10	4	Washer
	3	M10	4	Nut
	4	ШЧ 10	4	Washer
	5	M10x25	4	Bolt
	6	ШЧ 12	1	Washer
	7	M12x35	4	Bolt
	8	ШП 12	4	Washer
	9	M12	4	Nut
	10	2522-8405020	1	Footboard

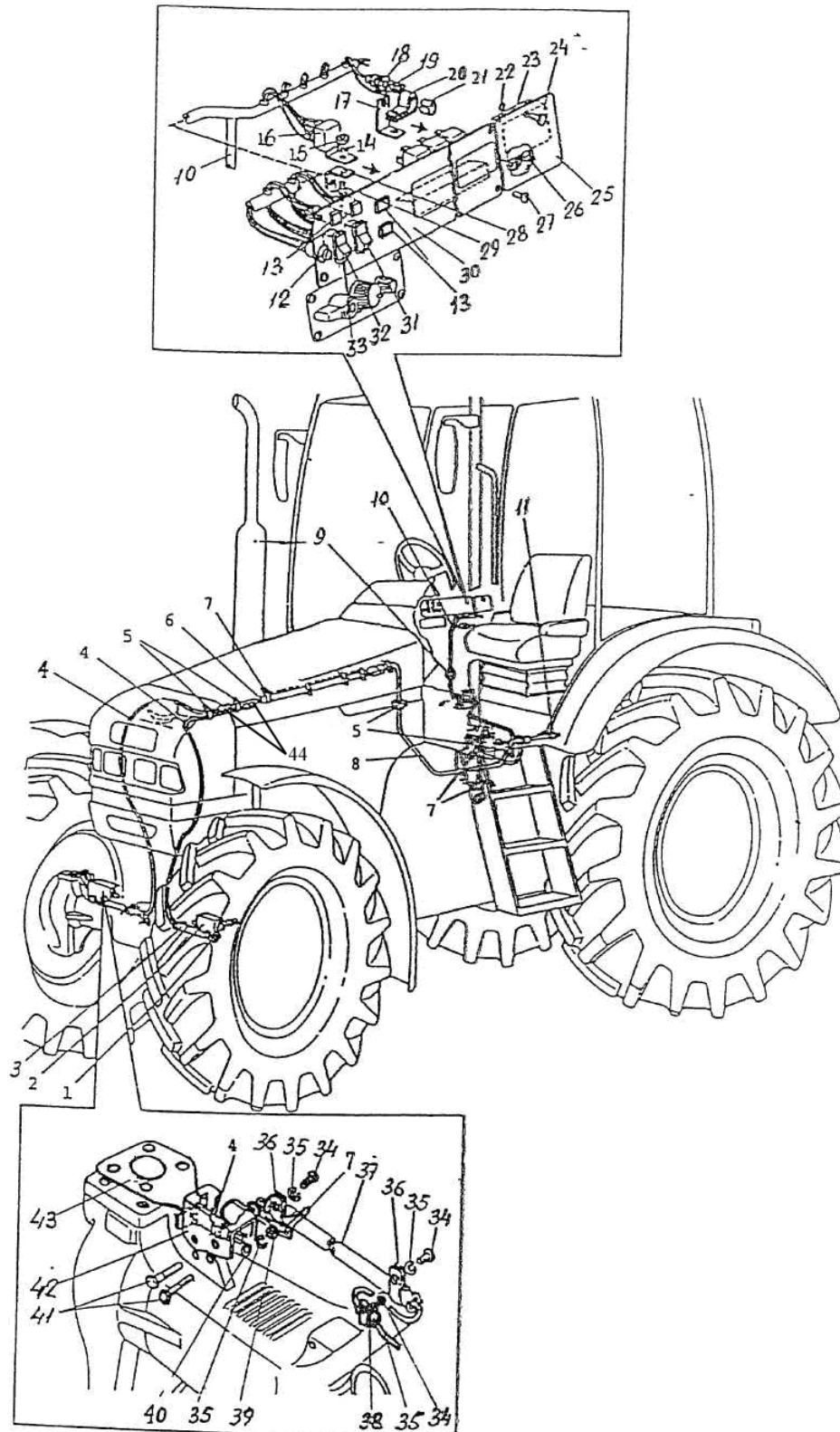


Fig. 87.1. Control of the DL, FDA and reduction gear (with the GB 24x12 and FDA 1525-2300020)

**Group 87. Control of the FDA, LD, PTO, hitch linkage and reduction gear
(electrical part)**

Subgroup 8700. Control of the DL, FDA and reduction gear

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
87.1	1	2022-8700030	1	Bracket (left-hand)
	2	2022-8700027	1	Bracket
	3	2022-8700028	1	Pipe
	4	ЭВИТ-С3	2	Switch
	5	80-3723045-01	11	Collar
	6	1522-3724850	1	Bundle
	7	80-3723045	19	Collar
	8	2022-3724930-Д	1	Bundle
	9	70-3723042-02	1	Bushing
	10	2022-3724920-E	1	Bundle
	11	822-3723044	1	Clip
	12		1	Switch BK 12-1 ЦИКС 642241.001 TY
	13		4	Pilot lamp 12.3803-31, Specification of the Republic of Belarus (TY ПБ) 300228919.037-2002 or 2202.3803-34 TY 37.003.1109-82
	14	6T	7	Washer, Branch Standard (OCT) 37.001.115-75
	15	M6-6H.6.019	7	Nut, State Standard (ГОСТ) 5915-70
	16		10	Relay 90.3747, Specification (TY) 37.003.1418-94
	17	1522-8700221-A	1	Bracket
	18	1522-8700222	1	Bushing
	19	5T	4	Washer, Branch Standard (OCT) 37.001.115-75
	20	1321-8700019	1	Clamp
	21	ПР-32-01	1	Seal
	22	006-010-25-1-4	1	Ring, State Standard (ГОСТ) 18829-73/State Standard (ГОСТ) 9833-73
	23		1	Fuse block БП-1, Specification of the Republic of Belarus (TY ПБ) 03428193.095-97
	24	80-3805065	1	Screw
	25	822-3801341	1	Shield
	26	80-3724410-06	1	Wire
	27	B. M6-6gx20.58.019	4	Screw, State Standard (ГОСТ) 17474-80
	28	1522-8700221	2	Bracket
	29	B. M6-6gx16.58.019	7	Screw, State Standard (ГОСТ) 17473-80
	30	2022-8700465	1	Panel
	31		1	Switch П150М-06.14, Specification of the Republic of Belarus (TY ПБ) 14795799.001-97 or П150-06.17, Specification (TY) 37.003.701-75
	32		1	Switch П147М-06.49, Specification of the Republic of Belarus (TY ПБ) 14795799.001-97 or П147-06.17 Specification (TY) 37.003.701-75

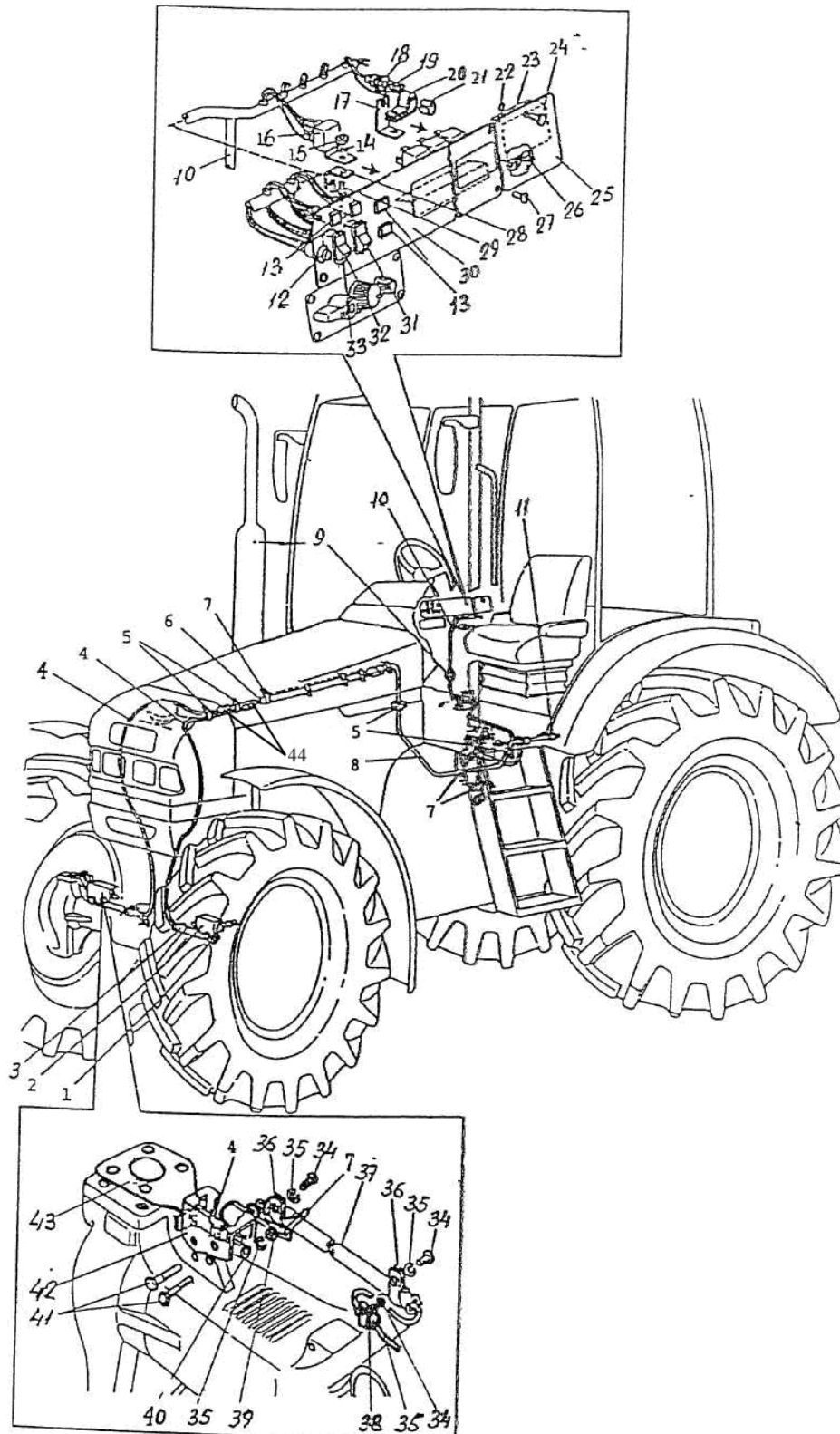


Fig. 87.1. Control of the DL, FDA and reduction gear (with the GB 24x12 and FDA 1525-2300020)

**Group 87 Control of the FDA, LD, PTO, hitch linkage and reduction gear
(electrical part)**

Subgroup 8700. Control of the DL, FDA and reduction gear

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
87.1	33	80-3801021	2	Switch housing
	34	M8-6gx16.88.35.019	6	Bolt, State Standard (ГОСТ) 7796-70
	35	8T	10	Washer, Branch Standard (ОСТ) 37.001.115-75
	36	1321-8700029	4	Clamp
	37	2022-3700028 -01	1	Pipe
	38	50-3723021	2	Cramp
	39	M8-6H.6.019	4	Nut, State Standard (ГОСТ) 5915-70
	40	C8.01.019	4	Washer, State Standard (ГОСТ) 11371-78
	41	M8-6gx30.88.35.019	4	Bolt, State Standard (ГОСТ) 7796-70
	42	2022-8700027-01	1	Bracket
	43	2022-8700030-01	1	Bracket (right-hand)
	44		2	Male connector 502604 Branch Standard (ОСТ) 37.003.032-88

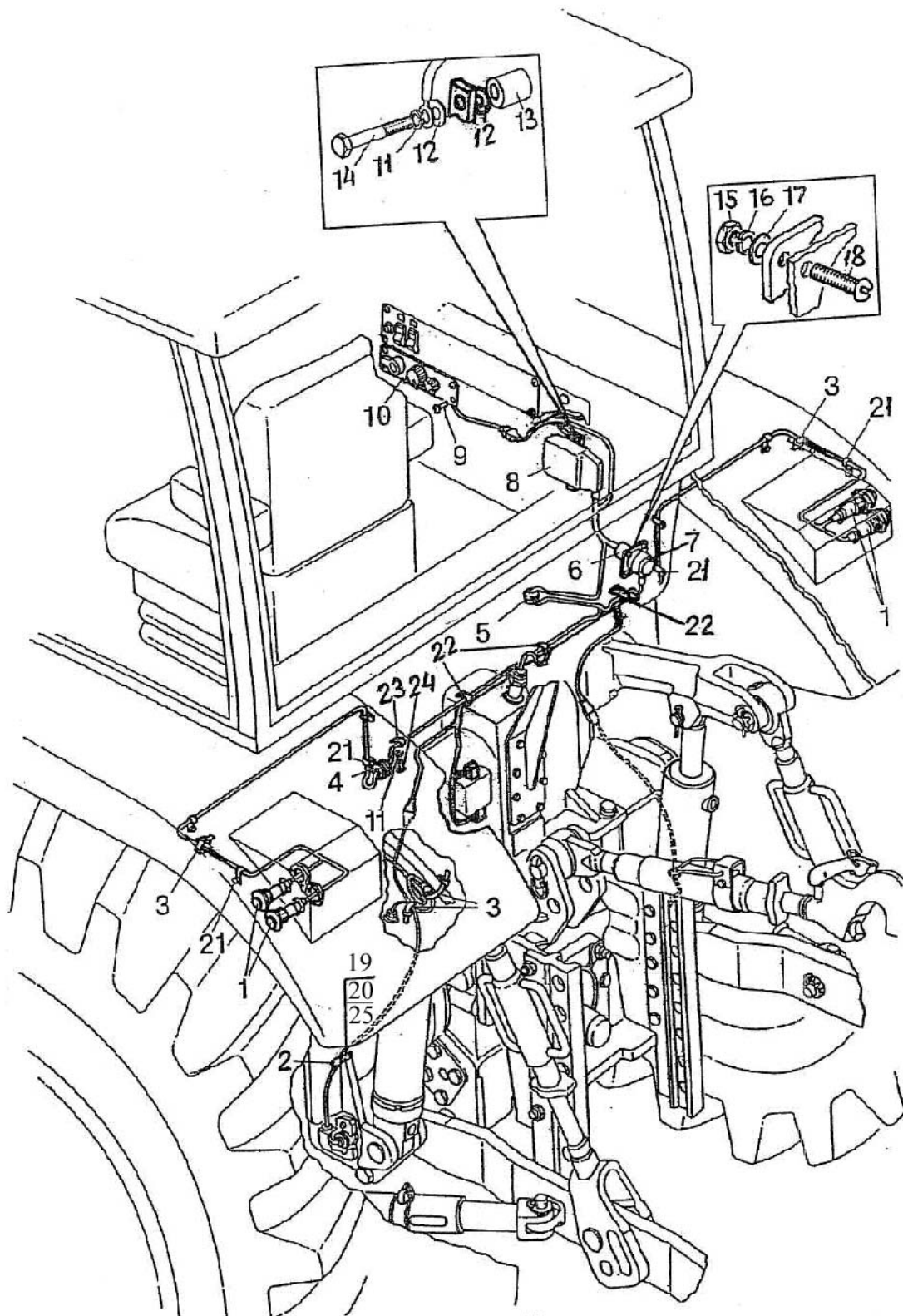


Fig. 87.2. Hitch linkage control

**Group 87. Control of the FDA, LD, PTO, hitch linkage and reduction gear
(electrical part)
Subgroup 8700. Hitch linkage control**

Fig. No.	Pos. No.	Part or assembly No.	Q-ty	Description
87.2	1		4	Push-button 145000AB
	2	50-3723021	2	Cramp
	3	80-3723045-01	5	Collar
	5	70-3723042-02	1	Bushing
	6	1523-3724890	1	Bundle
	7	1523-3724895	1	Bundle
	8		1	Electronic unit R917004743
	9	B. M4-6gx20.58.019	4	Screw, State Standard (ГОСТ) 17474-80
	10		1	Control panel 0538201611
	11	6T	6	Washer, Branch Standard (ОСТ) 37.001.115-75
	12	C6 .01.019	4	Washer, State Standard (ГОСТ) 6958-78
	13	P50-4616023	2	Bushing
	14	M6-6gx35.88.019	2	Bolt, State Standard (ГОСТ) 7798-70
	15	M3-6H.6.019	4	Nut, State Standard (ГОСТ) 5927-70
	16	3T	4	Washer, Branch Standard (ОСТ) 37.001.115-75
	17	C3.01.019	4	Washer, State Standard (ГОСТ) 11371-78
	18	B. M3-6gx16.59.019	4	Screw, State Standard (ГОСТ) 17473-80
	19	M8-6gx35.88.35.019	2	Bolt, State Standard (ГОСТ) 7796-70
	20	8T	2	Washer, Branch Standard (ОСТ) 37.001.115-75
	21	1221-8700022	8	Clamp
	22	1321-8700019-01	3	Clamp
	23	1321-8700019-02	1	Clamp
	24	M6-6gx12.88.35.019	4	Bolt, State Standard (ГОСТ) 7798-70
	25	M8-6H.6.019	2	Nut, State Standard (ГОСТ) 5915-70