
BELARUS
900/900.2/900.3
920/920.2/920.3
950/950.2/950.3
952/952.2/952.3

900-0000010 KDS

**CATALOGUE OF PARTS AND
ASSEMBLY UNITS**

The Catalogue has been compiled by Engineer of the Department for Designing and Experimental Works 1 *E. N. Bogdanovich*. The initial data were provided by the leading specialists of the Chief Specialized Design Department of the Minsk Tractor Works (MTZ) Republican Unitary Enterprise.

Editor-in-chief: Chief Designer of the MTZ Production Group – Director of the Scientific and Technical Centre of the MTZ Republican Unitary Enterprise *I.N. Uss*.

Editor in charge: Chief Designer for Tractor Production: *A.G. Stasilevich*

Responsible for the issue: Chief of the Design Department for Maintenance Documentation *O.N. Natalevich*

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BELARUS

900/920/950/952

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INTRODUCTION

The present Catalogue contains the complete spectrum of assembly units and parts of Belarus 900/900.2/900.3/920/920.2/920.3/950/950.2/950.3/952/ 952.2/952.3 tractors. The Catalogue is intended for organizations and firms carrying out the sales, operation and repair of the tractors; it may be used for calculating and drawing up the applications for spare parts and as a reference book for disassembling and reassembling a tractor.

Any modifications related to the improvement of the design of the tractors are reflected in appropriate data sheets.

HOW TO USE THE CATALOGUE

The Catalogue includes the assembly units and parts of the tractor:

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:

...240-1004100-A 4 Connecting rod (13, 20, 21, 37-39)".

It means that the assembly unit named "connecting rod" in the quantity of four units per engine consists of the following parts: bush (pos. 21), connecting rod (pos. 20), connecting rod bolt (pos. 13), connecting rod cap (pos. 39), washer (pos. 38) and nut (pos. 37). The column "Quantity" specifies the number of assembly units and parts used in this subgroup (1004) per tractor.

For the 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, the parts "240-1104300-01 (shell of the 1st cylinder)" and "240-1104300-02 (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".

PURPOSE

The BELARUS-900/900.2/900.3/920/920.2/920.3/950/950.2/950.3/952/952.2/952.3 wheeled universal tilling tractors belong to drawbar category 1.4 and are designed to perform a wide range of agricultural works: from soil preparation for sowing to harvesting and transporting operations; they can be used in forestry, municipal servicing, construction and industry.

BELARUS-900 (4x2) with the Д-243 diesel engine (59.6 kW/2200 rpm) and synchronized gearbox;

BELARUS-900.2 (4x2) with the Д-243 diesel engine (59.6 kW/2200 rpm), synchronized gearbox and updated design;

BELARUS-900.3 (4x2) with the Д-243.43 S2 diesel engine (62 kW/1800 rpm), synchronized gearbox and updated design;

BELARUS-920 (4x4) with the Д-243 diesel engine (59.6 kW/2200 rpm), synchronized gearbox and FDA (72-);

BELARUS-920.2 (4x4) with the Д-243 diesel engine (59.6 kW/2200 rpm), synchronized gearbox, FDA (822-) and updated design; BELARUS-920.3 (4x4) with the Д-245.43 S2 diesel engine (62 kW/1800 rpm), synchronized gearbox, FDA (822-) and updated design;

BELARUS-950 (4x2) with the Д-245.5 diesel engine (65 kW/1800 rpm), synchronized gearbox;

BELARUS-950.2 (4x2) with the Д-245.5 diesel engine (65 kW/1800 rpm), synchronized gearbox and updated design;

BELARUS-950.3 (4x2) with the Д-245.5 S2 diesel engine (65 kW/1800 rpm), synchronized gearbox and updated design;

BELARUS-952 (4x4) with the Д-245.5 diesel engine (65 kW/1800 rpm), synchronized gearbox and FDA (72-);

BELARUS-952.2 (4x4) with the Д-245.5 diesel engine (65 kW/1800 rpm), synchronized gearbox, FDA (822-) and updated design;

BELARUS-952.3 (4x4) with the Д-245.5 S2 diesel engine (70 kW/1800 rpm), synchronized gearbox, FDA (822-) and updated design.

The index “.2” means upgrading of the respective model by installing one or several units of higher engineering level:

- Front driving axle with planetary reduction gears (for 4x4 tractors);
- Hydraulic lift-based hook-up;
- Bonnet, roof, cab fender of updated design.

The index “.3” means the equipment of the tractors with diesel engines with index S2 certified in accordance with the 2nd stage of the ecological regulation of Directive 2000/25/EC, hydrostatic power steering (HPS) system with an independent oil tank, as well as the bonnet, roof and cab fenders of an updated design.

The distinctive features of the tractors presented in the Manual:

- Transmission with the synchronized gearbox (7/2) and synchronized reduction gear (step-up gear): 14 forward and 4 reverse gears.
- Hydrostatic power steering (HPS) with the Danfoss metering pump, cylinder in steering trapezium and steering tie rod.
- Unified rear driving axle with more convenient external readjustment of planetary gear brake bands.

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- Hydraulic system with a power regulator completely controlling the rear attachment cylinder. Three sections of the distributor ensure the control of external cylinders of machines and tools.

- Safe comfortable cab complies with the requirements of the EC and OECD directives and is featured by the improved interior, heating and ventilation system.

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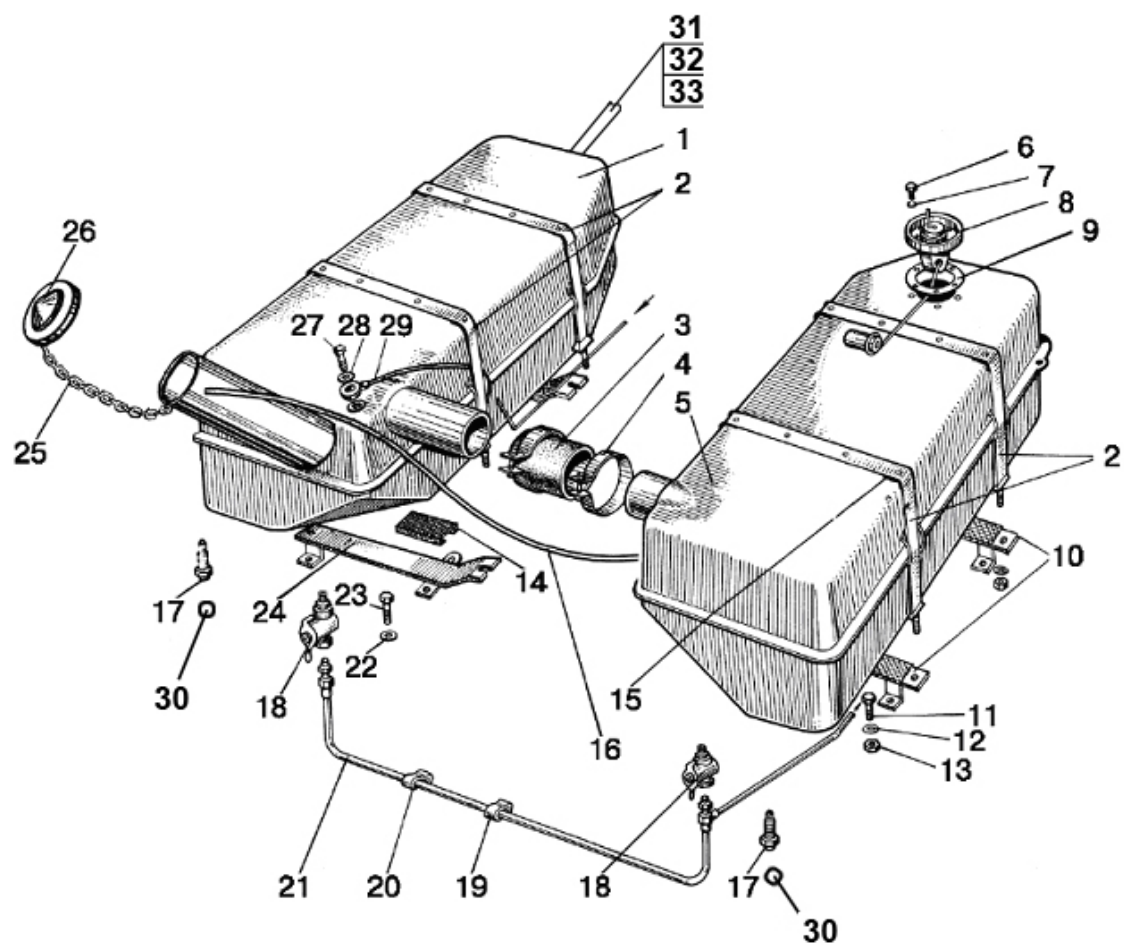


Fig.11.1. Fuel tanks (metallic)

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

Fig. No	Pos. No.	Designation	Q-ty	Description
11.1		70-1101005	1	Tanks
	1	70-1101020	1	Tank (metallic)
	2	70-1101070	4	Clamp
	3	70-1101035-Б	1	Hose pipe
	4	XC-66	2	Clamp
	5	70-1101010	1	Tank
		80-1101520	1	Plastic tank
	6	B.M5-6gx12.58.019 ГОСТ 17473-80	5	Screw
	7	80-1101067	5	Washer
	8	AP70.3827 or ДУМП-21М	1	Fuel level sensor
	9	200-3806026	1	Gasket
	10	80-1101250-Б	2	Right bracket
	11	M10-6gx25.88.35.019 ГОСТ 7796-70	12	Bolt
	12	10 ОТ OCT 37.001.115-75	12	Washer
	13	M10-6H.6.019 ГОСТ 5915-70	12	Nut
	14	80-1101012-Б	8	Gasket
	15	ПР-36-01	8	Gasket
	16	85-1101002-02	1	Tube
	17	822-1101081	2	Connecting pipe
	18	ПП6-1	2	Cock
	19	70-1101042	2	Cramp
	20	50-1111102-01	2	Gasket
	21	920П-1101210	1	Fuel pipeline
	22	12 ОТ OCT 37.001.115-75	8	Washer
	23	M12-6gx30.88.35.019 ГОСТ 7796-70	8	Bolt
	24	80-1101280-Б	2	Left bracket
	25	36-1101070	1	Chain
	26	082-1103010	1	Plug
	27	36-1104787	1	Bolt
	28	36-1104788	2	Gasket
	29	920-1101160-01	1	Fuel pipeline
	30	11,113-100 ГОСТ 3722-81	1	Ball
	31	920П-1101240-05	1	Fuel pipeline
	32	Д18-051	1	Bolt
	33	Д18-055А-01	2	Seal ring

ГОСТ – State Standard (translator's note)

OCT – Industrial branch standard (translator's note)

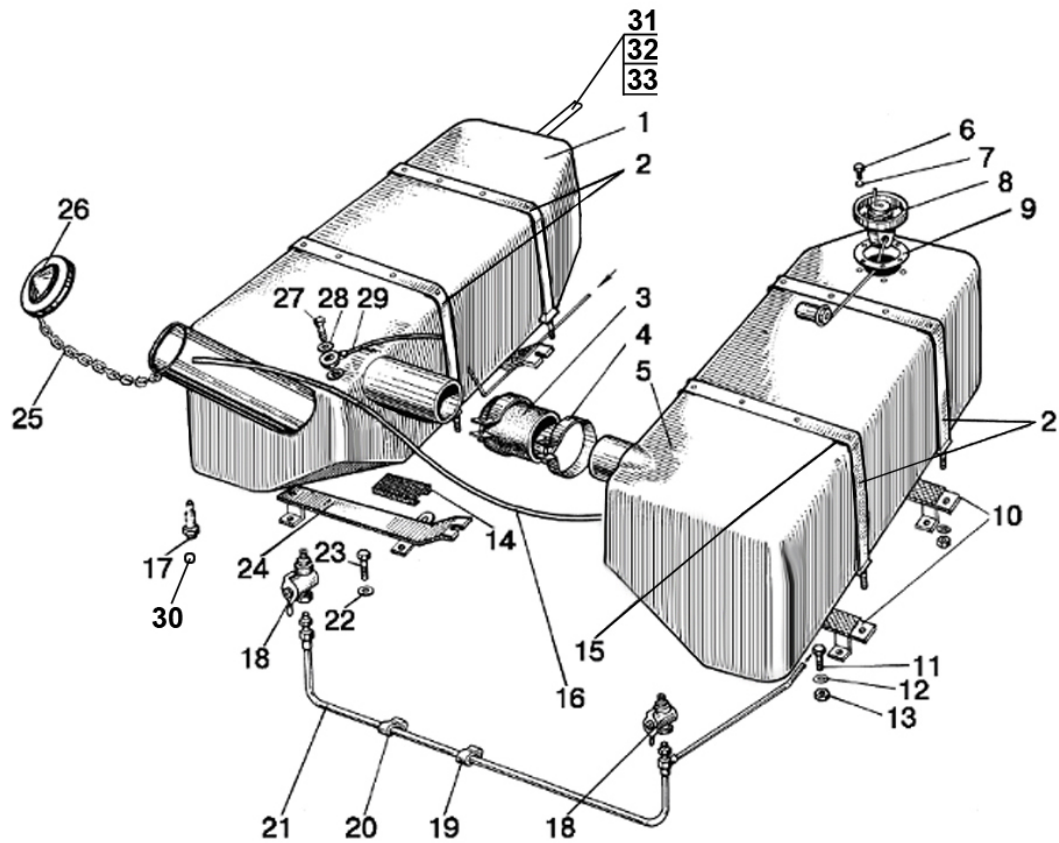


Fig.11.2. Fuel tanks (plastic)

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

Fig. No	Pos. No.	Designation	Q-ty	Description
11.2		70-1101005	1	Tanks
	1	80-1101510	1	Plastic tank
	2	70-1101070	4	Clamp
	3	70-1101035-Б	1	Hose pipe
	4	XC-66	2	Clamp
	5	80-1101520	1	Plastic tank
	6	В.М5-6gx12.58.019 ГОСТ 17473-80	5	Screw
	7	80-1101067	5	Washer
	8	AP70.3827 or ДУМП-21М	1	Fuel level sensor
	9	200-3806026	1	Gasket
	10	80-1101250-Б	2	Right bracket
	11	M10-6gx25.88.35.019 ГОСТ 7796-70	12	Bolt
	12	10 ОТ OCT 37.001.115-75	12	Washer
	13	M10-6H.6.019 ГОСТ 5915-70	12	Nut
	14	80-1101012-Б	8	Gasket
	15	ПР-36-01	8	Gasket
	16	80-8101015-02	1	Tube
	17	822-1101081	1	Connecting pipe
	18	ПП6-1	2	Cock
	19	70-1101042	2	Cramp
	20	50-1111102-01	2	Gasket
	21	920П-1101210	1	Fuel pipeline
	22	12 ОТ OCT 37.001.115-75	8	Washer
	23	M12-6gx30.88.35.019 ГОСТ 7796-70	8	Bolt
	24	80-1101280-Б	2	Left bracket
	25	36-1101070	1	Chain
	26	082-1103010	1	Plug
	27	36-1104787	1	Bolt
	28	36-1104788	2	Gasket
	29	920-1101160-05	1	Fuel pipeline
	30	11,113-100 ГОСТ 3722-81	1	Ball
	31	920П-1101240-05	1	Fuel pipeline
	32	Д18-051	1	Bolt
	33	Д18-055А-01	2	Seal ring

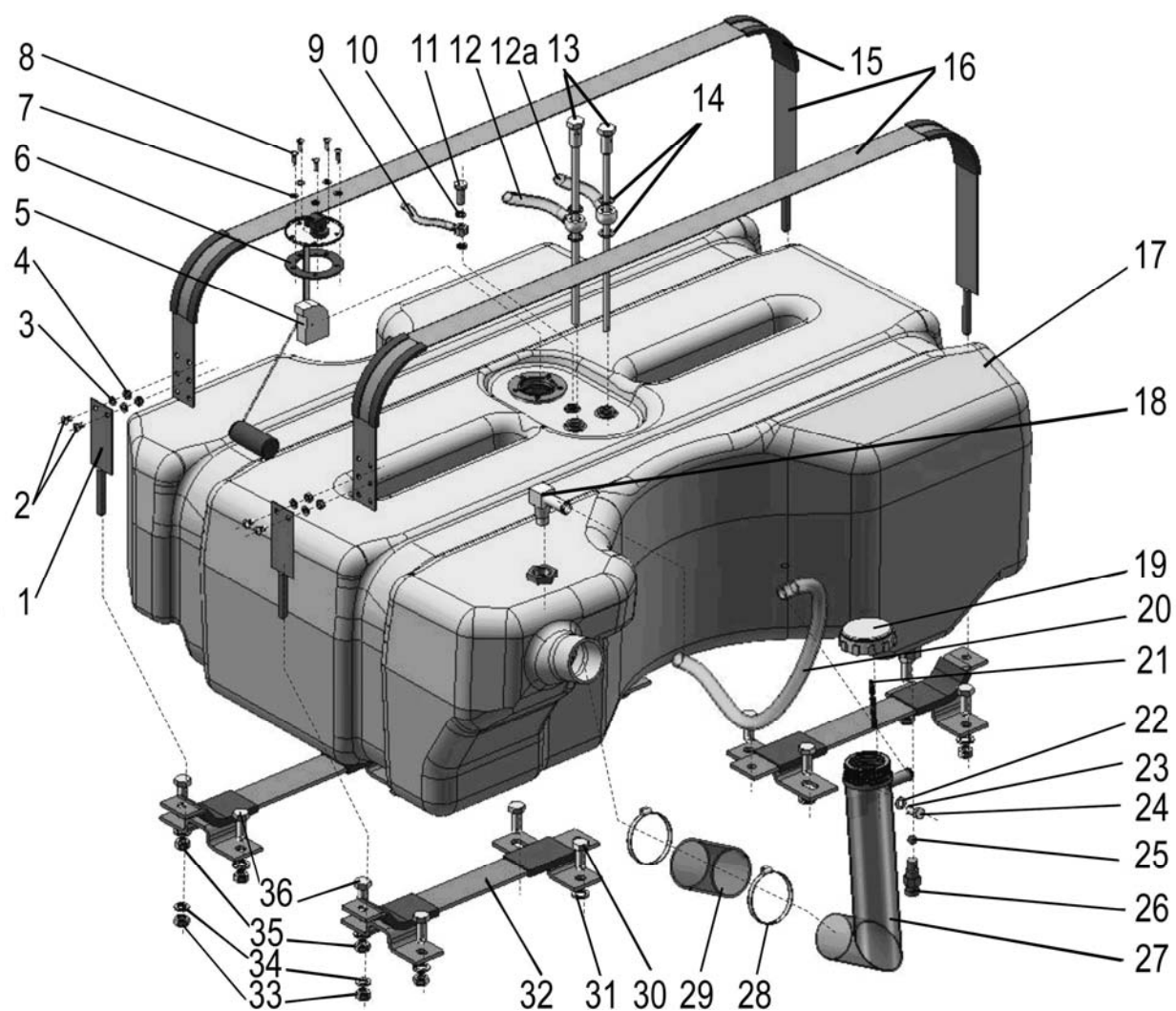


Fig.11.3. Fuel tanks

Subgroup 1101. Fuel tank
(if the tractor is equipped with a hydraulic host)

Fig. No	Pos. No.	Designation	Q-ty	Description
11.3	1	1221-1101690-01	2	Clamp
	2	M6-6gx10.58.019 ГОСТ 17473-80	4	Screw
	3	6T OCT 37.001.115-75	4	Washer
	4	M6-6H.6.019 ГОСТ 5915-70	4	Nut
	5	ДУМП-21М	1	Fuel level gauge sensor
	6	200-3806026	1	Gasket
	7	80-1101067	5	Washer
	8	B.M5-6gx16.58.019 ГОСТ 17473-80	5	Screw
	9	920-1101160-05	1	Tube
	10	36-1104788	2	Gasket
	11	36-1104787	1	Connecting pipe bolt
	12	920П-1101240-05	1	Fuel pipeline
	12a	920П-1101240-08	1	Fuel pipeline
	13	1221-1101530	2	Fuel intake
	14	Д18-055А-01	4	Seal ring
	15	ПР-43-03	4	Seal YM6
	16	1221-1101690	2	Clamp
	17	1221-1101510	1	Tank
	18	1221-1101620	1	Angle piece
	19	082-1103010	1	Plug
	20	85-1101002-03	1	Tube
	21	36-1101070	1	Chain
	22	C 8.01.019 ГОСТ 11371-78	1	Washer
	23	8T OCT 37.001.115-75	1	Washer
	24	M8-6gx20.88.35.019 ГОСТ 7796-70	1	Bolt
	25	11,112-100 ГОСТ 3722-81	1	Ball
	26	822-1101081	1	Connecting pipe
	27	920-1101280	1	Filler neck
	28	XC-66	2	Clamp
	29	70-1101035-Б	1	Hose pipe
	30	M12-6gx45.88.35.019 ГОСТ 7796-70	8	Bolt
	31	12 OT OCT 37.001.115-75	8	Washer
	32	1221-1101130	4	Bracket
	33	M10-6H.04.019 ГОСТ 5916-70	12	Nut
	34	10 OT OCT 37.001.115-75	8	Washer
	35	C 10.01.019 ГОСТ 11371-78	12	Washer
	36	M10-6gx25.88.35.019 ГОСТ 7796-70	8	Bolt

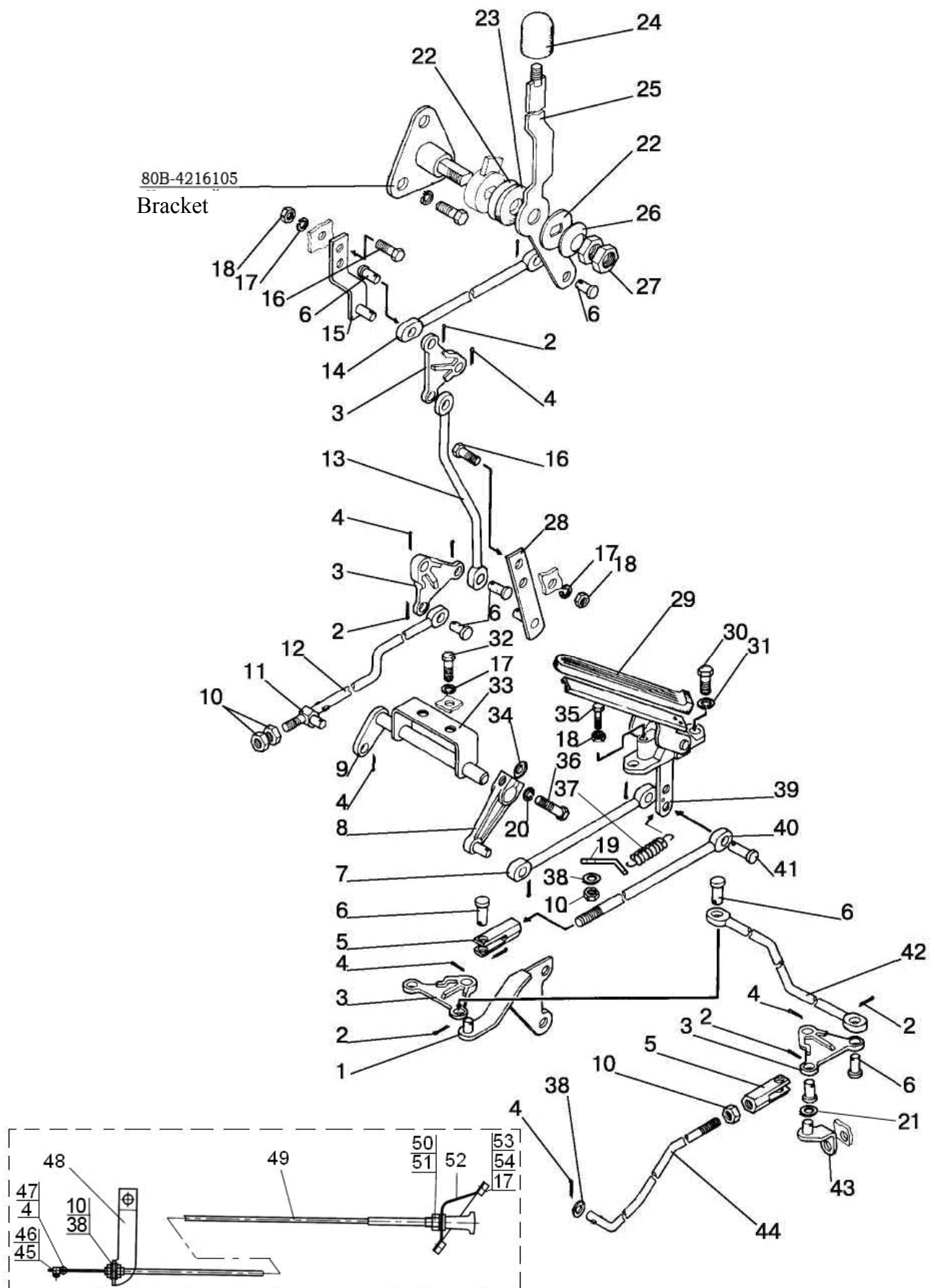


Fig.11.4. Fuel feeding control

BELARUS

900/920/950/952

Subgroup 1108. Fuel feeding control

Fig. No.	Pos. No.	Designation	Q-ty	Description
11.4	1	80B-1108545	1	Bracket
	2	2x12.019 ГОСТ 397-79	9	Cotter pin
	3	80B-1108506	4	Lever
	4	3,2x18.019 ГОСТ 397-79	9	Cotter pin
	5	80B-1108542	2	Rod tip
	6	70-1601109-01	9	Pin
	7	80B-1108503	1	Rod
	8	80B-1108365	1	Lever
	9	80B-1108360	1	Shaft
	10	M8-6H.6.019 ГОСТ 5915-70	6	Nut
	11	70-1108317	1	Boss
	12	80B-1108537	1	Rod
	13	80B-1108343	1	Rod
	14	80B-1108344	1	Rod
	15	80B-1108380	1	Bracket
	16	M6-6gx20.88.35.019 ГОСТ 7798-70	4	Bolt
	17	6T OCT 37.001.115-75	8	Washer
	18	M6-6H.6.019 ГОСТ 5915-70	5	Nut
	19	80B-1108341	1	Plate
	20	8T OCT 37.001.115-75	1	Washer
	21	C 10.01.019 ГОСТ 11371-78	1	Washer
	22	80-1108028	2	Washer
	23	80-1108178	1	Friction washer
	24	A13.11.000	1	Handle
	25	80B-1108350	1	Handle
	26	80B-1108347	1	Disk spring
	27	M14x1,5-6H.6.019 ГОСТ 5915-70	2	Nut
	28	80B-1108370	1	Bracket
	29	A13.36.001	1	Boot
	30	M10-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	31	10 OT OCT 37.001.115-75	2	Washer
	32	M6-6gx12.88.35.019 ГОСТ 7798-70	2	Bolt
	33	80B-1108346	1	Bracket
	34	50-1108044	1	Key
	35	M6-6gx30.88.35.019 ГОСТ 7798-70	1	Bolt
	36	M8-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	37	70-4803019	1	Spring
	38	C 8.01.019 ГОСТ 11371-78	4	Washer
	39	80B-1108510	1	Pedal
	40	80B-1108526-01	1	Rod
	41	8x30 OCT 37.001.163-75	1	Pin
	42	80B-1108344-01 1220-1108344-A*/**	1	Rod
	43	80B-1108530 800-1108530-A/**	1	Bracket
	44	80B-1108541 1025-1108541-01**/(-02,-03)*	1	Rod
	45	B.M4-6gx10.58.019 ГОСТ 17473-80	1	Screw
	46	70-1310441	1	Catch
	47	80-1108317	1	Boss
	48	80-1108126	1	Bracket
	49	80-1108630-A-01	1	Cable
	50	M12x1,25-6H.6.019 ГОСТ 5915-70	1	Nut
	51	C 12.01.019 ГОСТ 11371-78	1	Washer
	52	80-1024211	1	Shield
	53	A30.04.017	2	Cap
	54	M6-6gx12.88.35.019 ГОСТ 7798-70	2	Bolt

* 900.2/920.2/950.2/952.2

** 900.3/920.3/950.3/952.3

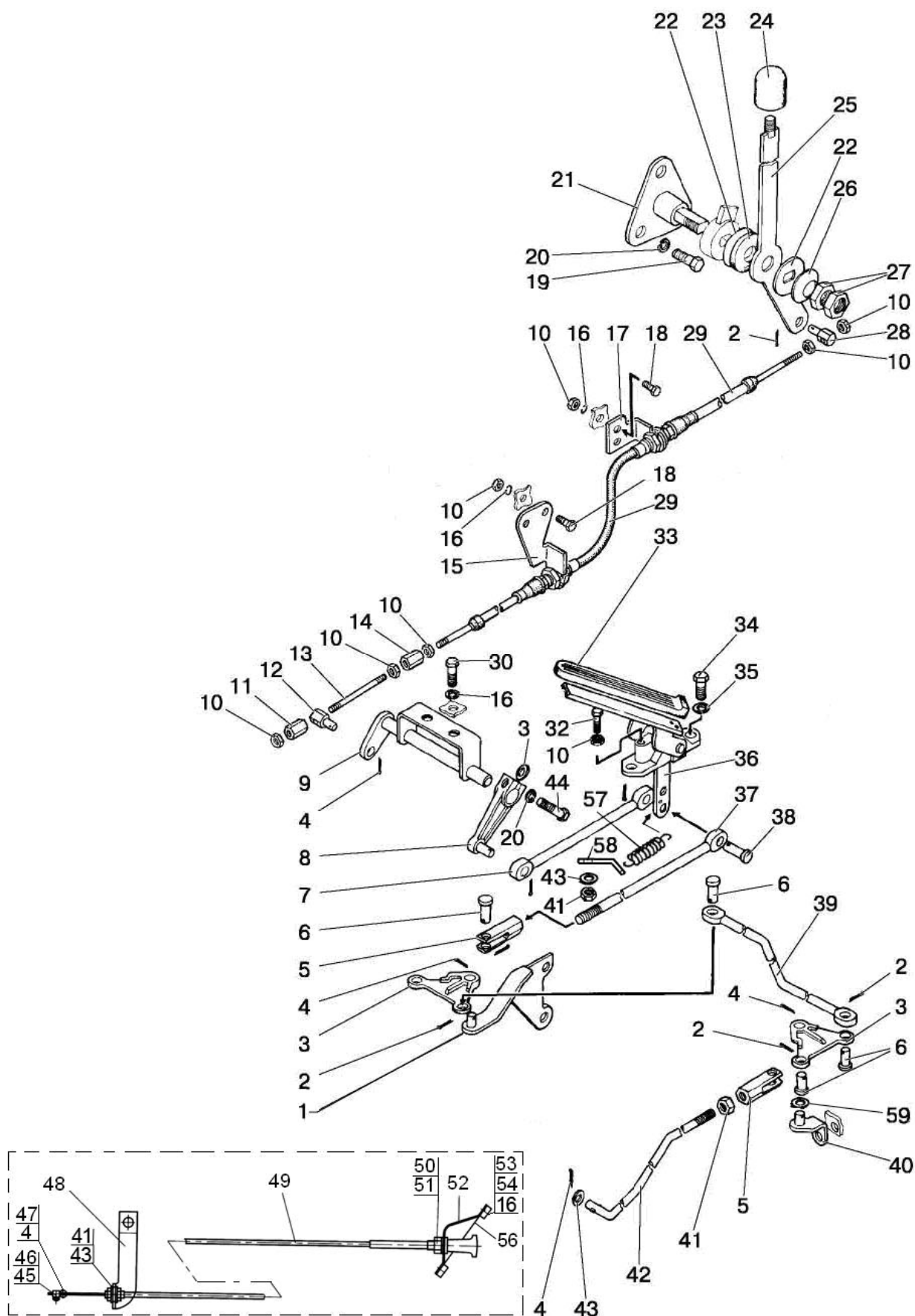


Fig.11.5. Fuel feeding control (if the tractor is equipped with a hydraulic host)

BELARUS

900/920/950/952

Group 11. Feeding system

Subgroup 1108. Fuel feeding control (if the tractor is equipped with a hydraulic host)

Fig. No.	Pos. No.	Designation	Q-ty	Description
11.5	1	80B-1108570	1	Bracket
	2	2x12.019 ГОСТ 397-79	4	Cotter pin
	3	80B-1108506	2	Lever
	4	3,2x18.019 ГОСТ 397-79	9	Cotter pin
	5	80B-1108542	2	Rod tip
	6	70-1601109-01	4	Pin (6x22)
	7	80B-1108503	1	Rod
	8	80B-1108365	1	Lever
	9	80B-1108360	1	Shaft
	10	M6-6H.6.019 ГОСТ 5915-70	10	Nut
	11	75-1108333	1	Coupling
	12	600-1108017	1	Boss
	13	75-1108313	1	Rod
	14	75-1108312	1	Coupling
	15	1021-1108509	1	Bracket
	16	6T OCT 37.001.115-75	8	Washer
	17	1021-1108508	1	Bracket
	18	M6-6gx20.88.35.019 ГОСТ 7798-70	6	Bolt
	19	M8-6gx20.88.35.019 ГОСТ 7796-70	3	Bolt
	20	8T OCT 37.001.115-75	4	Washer
	21	1221-1108105	1	Bracket
	22	80-1108028	2	Washer
	23	80-1108178	1	Friction washer
	24	A13.11.000	1	Handle
	25	1021-1108350	1	Handle
	26	80B-1108347	1	Disk spring
	27	M14x1,5-6H.6.019 ГОСТ 5915-70	2	Nut
	28	80B-1108317	1	Boss
	29	80B-1108300-A-05	1	Cable
	30	M6-6gx12.88.35.019 ГОСТ 7798-70	2	Bolt
	31	50-1108044	1	Key
	32	M6-6gx30.88.35.019 ГОСТ 7798-70	1	Bolt
	33	A13.36.001	1	Boot
	34	M10-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	35	10 OT OCT 37.001.115-75	2	Washer
	36	80B-1108510	1	Pedal
	37	80B-1108526-01	1	Rod
	38	8x30 OCT 37.001.163-75	1	Pin
	39	1220-1108344-A	1	Rod
	40	800-1108530-A	1	Bracket
	41	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	42	1025-1108541 1025-1108541-01**/(-02,-03)*	1	Rod
	43	C 8.01.019 ГОСТ 11371-78	4	Washer
	44	M8-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	45	B.M4-6gx10.58.019 ГОСТ 17473-80	1	Screw
	46	70-1310441	1	Catch
	47	80-1108317	1	Boss
	48	80-1108126	1	Bracket
	49	80-1108630-A-01	1	Cable
	50	M12x1,25-6H.6.019 ГОСТ 5915-70	1	Nut
	51	C 12.01.019 ГОСТ 11371-78	1	Washer
	52	80-1024211	1	Shield
	53	A30.04.017	2	Cap

* 900.2/920.2/950.2/952.2

** 900.3/920.3/950.3/952.3

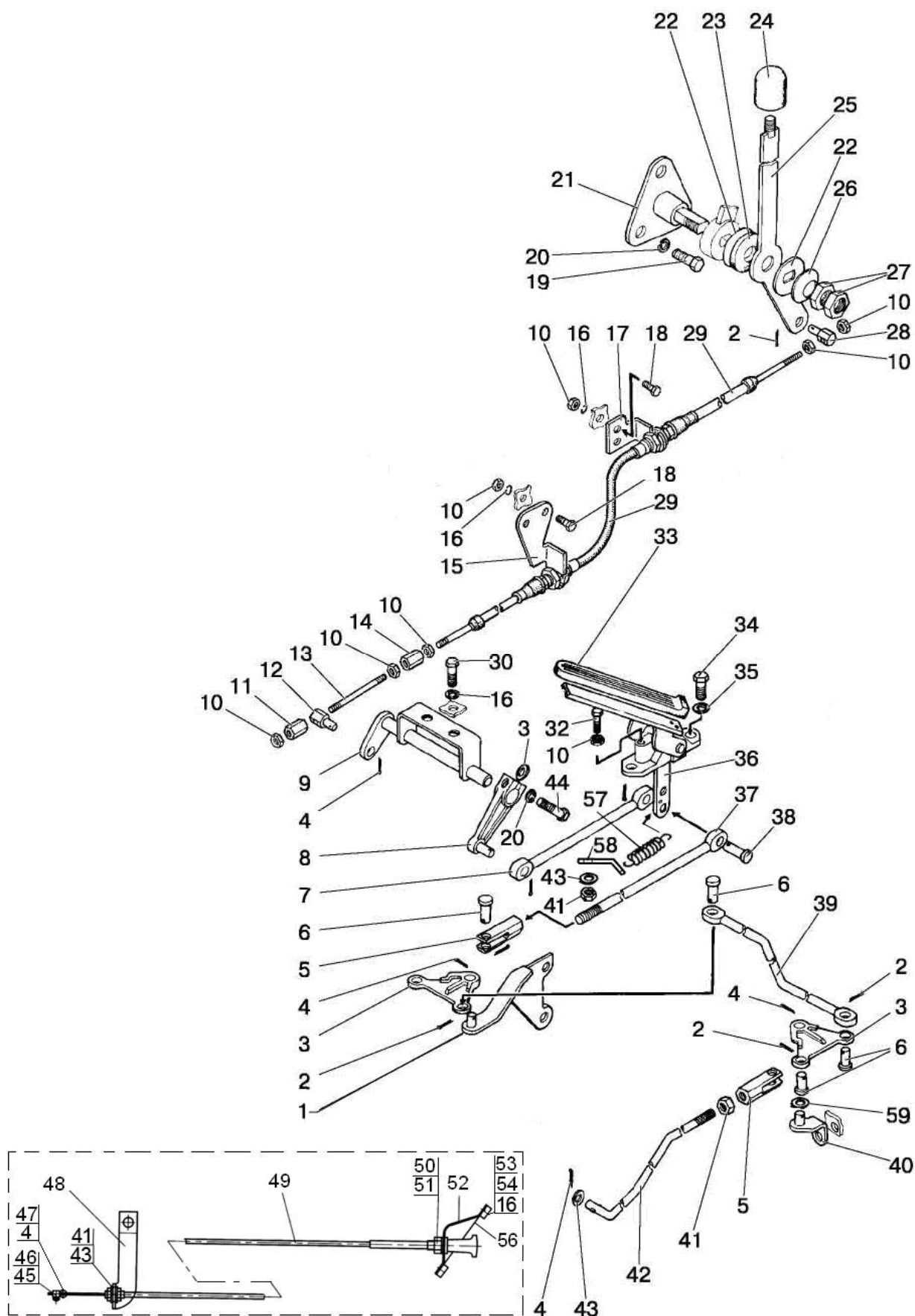


Fig.11.5. Fuel feeding control (if the tractor is equipped with a hydraulic host)

Group 11. Feeding system

Subgroup 1108. Fuel feeding control (if the tractor is equipped with a hydraulic host)

Fig. No.	Pos. No.	Designation	Q-ty	Description
11.5	54	M6-6gx12.88.35.019 ГОСТ 7798-70	2	Bolt
	56	70-3723023	1	Bush
	57	70-4803019	1	Spring
	58	80B-1108341	1	Plate
	59	C 10.01.019 ГОСТ 11371-78	1	Washer



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Group 11. Feeding system
Subgroup 1108. Fuel feeding control

(with the Joystick-type control of hydraulic mounted system)

Fig. No.	Pos. No.	Designation	Q-ty	Description
11.6		1221-1108070	1	Rod (5, 9, 11)
		1221-1108080	1	Rod (5, 7, 9)
	1	80B-1108545	1	Bracket
	2	2x12.019 ГОСТ 397-79	6	Cotter pin
	3	80B-1108506	3	Lever
	4	3,2x18.019 ГОСТ 397-79	7	Cotter pin
	5	80B-1108542	4	Rod tip
	6	70-1601109-01	6	Pin
	7	1221-1108029	1	Rod
	8	1221-1108045	1	Bracket
	9	M8-6H.6.019 ГОСТ 5915-70	10	Nut
	10	8T OCT 37.001.115-75	5	Washer
	11	1221-1108073	1	Rod
	12	M8-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	13	1221-1108020	1	Bracket
	14	922-1108146	1	Rod
	15	A13.11.00	1	Handle
	16	M14x1,5-6H.6.019 ГОСТ 5915-70	2	Nut
	17	80B-1108347	2	Disk spring
	18	80-1108178	2	Friction washer
	19	822-1108028	1	Washer
	20	1221-1108035	1	Roller
	21	70-1108317	1	Boss
	22	A13.36.001	1	Boot
	23	M10-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	24	10 OT OCT 37.001.115-75	2	Washer
	25	M6-6gx30.88.35.019 ГОСТ 7798-70	1	Bolt
	26	M6-6H.6.019 ГОСТ 5915-70	1	Nut
	27	70-4803019	1	Spring
	28	C 8.01.019 ГОСТ 11371-78	4	Washer
	29	80B-1108510	1	Pedal
	30	80B-1108526	1	Rod
	31	8x30 OCT 37.001.163-75	1	Pin
	32	80B-1108344-01 1220-1108344-A*/**	1	Rod
	33	80B-1108530 800-1108530-A*/**	1	Bracket
	34	80B-1108541 1025-1108541-01**/(-02,-03)*	1	Rod
	35	A30.04.017	2	Cap
	36	6T OCT 37.001.115-75	2	Washer
	37	M6-6gx12.88.35.019 ГОСТ 7798-70	2	Bolt
	38	80-1108630-A-01	1	Cable
	39	80-1108126	1	Bracket
	40	80-1108317	1	Boss
	42	70-1310441	1	Catch
	43	B.M4-6gx10.58.019 ГОСТ 17475-80	1	Screw

* 900.2/920.2/950.2/952.2

** 900.3/920.3/950.3/952.3

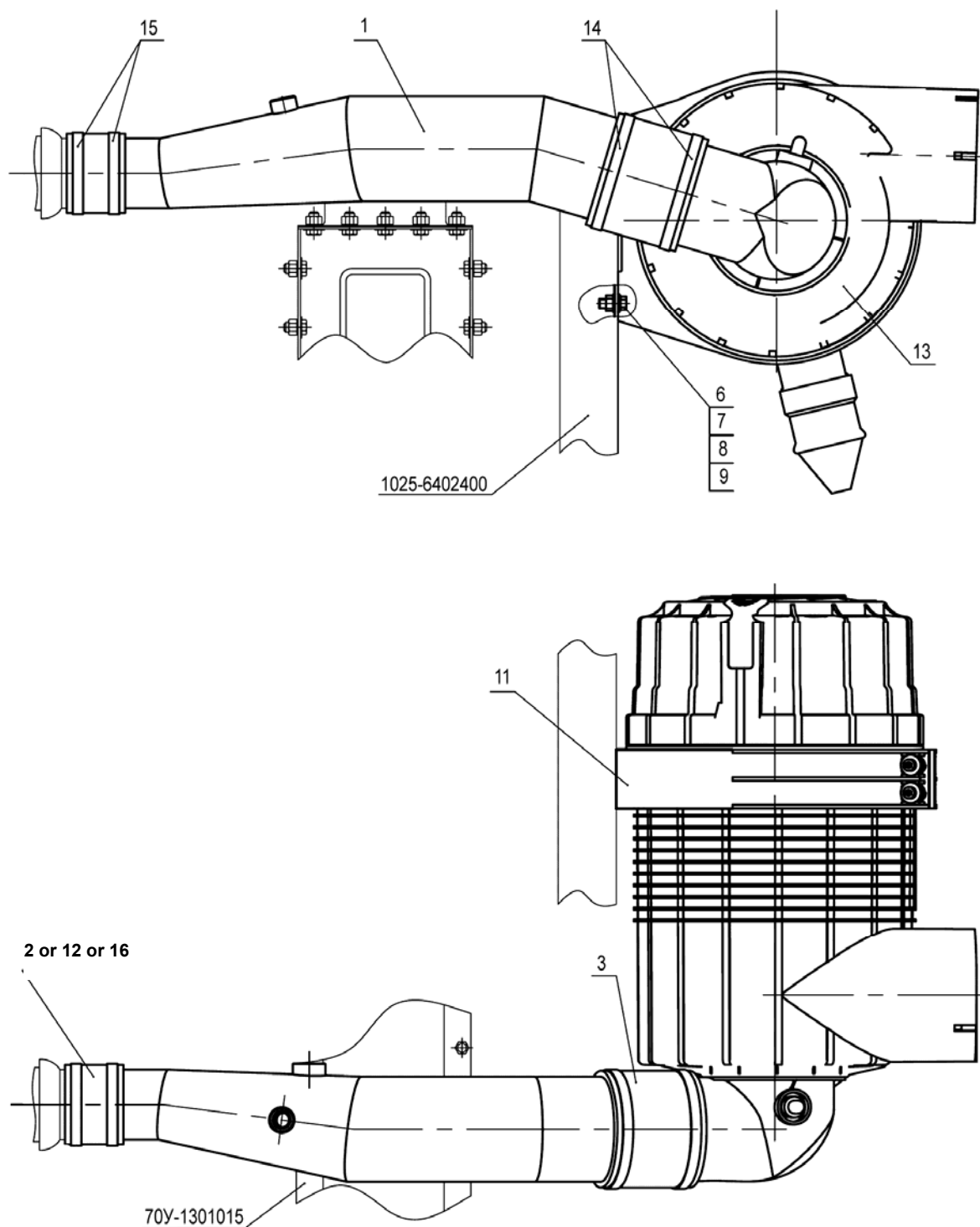


Fig.11.7. Donaldson air cleaner assembly (Д-245.5S2/Д-245.43S2)

Subgroup 1109. Donaldson air cleaner assembly
(Д-245.5S2/Д-245.43S2)

Fig. No.	Pos. No.	Designation	Q-ty	Description
11.7	1	1025-1109010	1	Pipe
	2	1025-1109006	1	Branch pipe (allowed substitution for pos. 12 or 16)
	3	245-1008029	1	Branch pipe
	6	M8-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	7	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	8	C8.01.019 ГОСТ 6958-78	4	Washer
	9	8T OCT 37.001.115-75	2	Washer
	11	P78-0532	1	Bracket
	12	"Sico Rubena"270 003 151-A TY TPD 282	1	Silicon branch pipe (allowed substitution for pos. 2 or 16)
	13	FPG 09-0219	1	Air filter (Donaldson)
	14	"NORMA" TORRO 90-110/9-C6W	2	Clamp
	15	"NORMA" TORRO 70-90/9-C6W	2	Clamp
	16	PR001-60-80-PES	1	Heat-resistant branch pipe (allowed substitution for pos. 2 or 12)

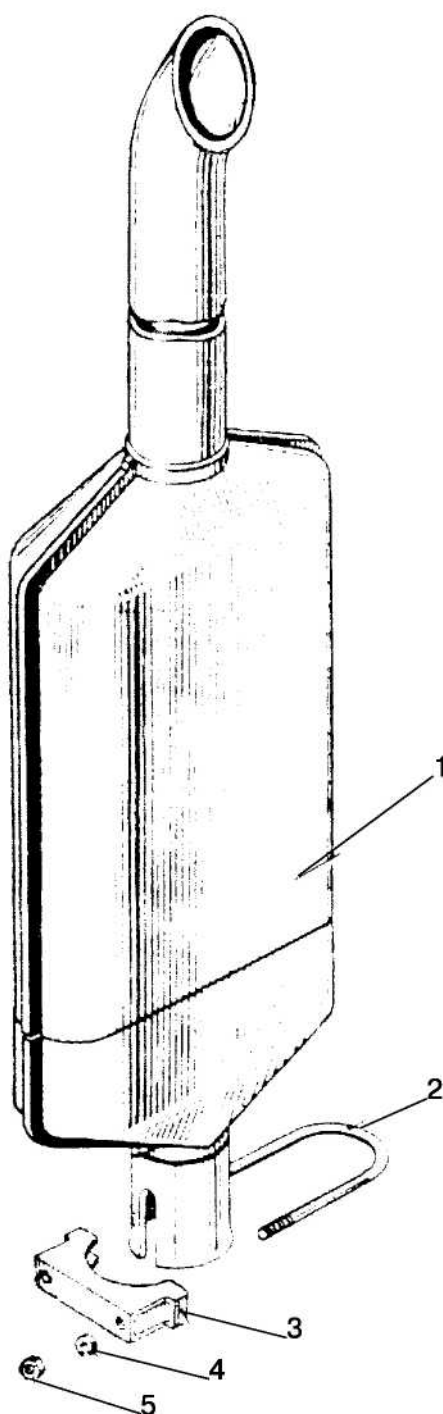


Fig.12.1. Silencer

Group 12. Exhaust system
Subgroup 1205. Silencer

(For Belarus-900/900.2/900.3/950/950.2/950.3/952/952.2/952.3)

Fig. No.	Pos. No.	Designation	Q-ty	Description
12.1		245-1205015	1	Silencer (1-5)
		245-1205130	1	Clamp (2-5)
	1	245-1205020	1	Silencer
	2	245-1205131	1	Cramp
	3	245-1205132	1	Clamp
	4	C 10.01.019 ГОСТ 11371-78	2	Washer
	5	M10-6H.6.019 ГОСТ 5915-70	2	Nut

(For Belarus-920/920.2/920.3)

Fig. No.	Pos. No.	Designation	Q-ty	Description
12.1		60-1205015	1	Silencer (1-5)
		60-1205105	1	Clamp (2-5)
	1	60-1205015	1	Silencer
	2	60-1205101	1	Cramp
	3	60-1205103	1	Clamp
	4	C 10.01.019 ГОСТ 11371-78	2	Washer
	5	80-1205136	2	Nut

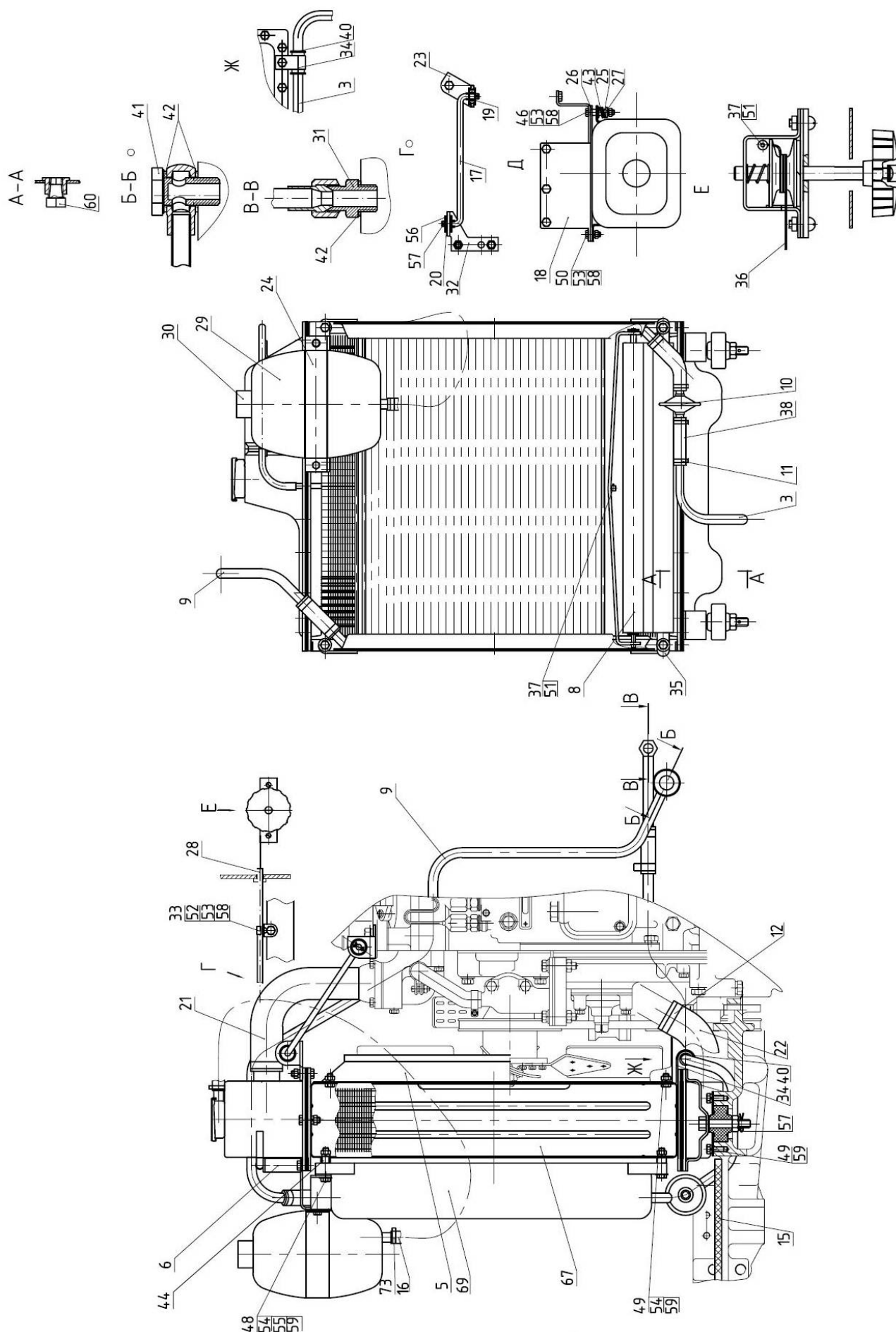


Fig.13.1. Cooling unit (for Belarus-900/900.2/920./920.2/950./950.2/952/952.2)

Group 13. Cooling system

1301. Cooling unit

(For Belarus-900/900.2/920./920.2/950./950.2/952/952.2)

Fig. No.	Pos. No.	Designation	Q-ty	Description
13.1		90-1301009	1	Cooling unit
	3	900-1405120	1	Oil pipeline
	5	70-1309080	1	Fan cover
	6	80-1310020*	1	Bracket
	8	70-1310010-A*	1	Shutter
	9	70-1405110	1	Oil pipeline
	10	70-1405230	1	Filter
	11	XC-21 or "NORMA" TORRO 16-25/9-C6W	8	Clamp
	12	XC-46 or "NORMA" TORRO 32-50/9-C6W	4	Clamp
	15	90-1301233	1	Seal
	16	1321-1311008	1	Tube
	17	90-1302003-A	1	Brace
	18	922-1311001	1	Bracket
	19	90-1302004	2	Tube
	20	85-1302071	2	Shock-absorber
	21	70-1303001	1	Hose
	22	50-1303062-B2	1	Hose
	23	80-1302012-A	1	Bracket
	24	80-1311002	1	Clamp
	25	80-1311003	1	Bush
	26	80-1311004	1	Plate
	27	80-1311006	1	Disk
	28	80B-1310007*	1	Cable shell
	29	80П-1311010	1	Expansion tank
	30	80П-1311011	1	Plug
	31	80-1405089	1	Male pipe adapter
	32	1520-1302072	1	Bracket
	33	70Л-1024216*	1	Clamp
	34	70-1115012-03	1	Buckle
	35	70-1310016*	1	Slat
	36	70-1310121-A*	1	Control cord
	37	70-1310441*	2	Catch
	38	70-1405013	4	Hose
	40	70-3506027	1	Bush
	41	40-4607032	1	Clamping bolt
	42	40-4607038-A	3	Washer
	43	54.06.413	1	Spring
	44	50-4605069	1	Bush
	46	M6-6gx40.88.35.019 ГОСТ 7795-70	1	Bolt
	48	M8-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	49	M8-6gx16.88.35.019 ГОСТ 7796-70	8 (1*)	Bolt
	50	M6-6gx16.88.35.019 ГОСТ 7798-70	1	Bolt
	51	B.M4-6gx8.58.019 ГОСТ 17473-80*	2	Screw
	52	B.M6-6gx12.58.019 ГОСТ 17473-80*	1	Screw
	53	M6-6H.6.019 ГОСТ 5915-70*	3	Nut
	54	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	55	C 8.01.019 ГОСТ 6958-78	4	Washer
	56	C 8.01.019 ГОСТ 11371-78	4	Washer
	57	3,2x18.019 ГОСТ 397-79	4	Cotter pin
	58	6T OCT 37.001.115-75	2 (1*)	Washer
	59	8T OCT 37.001.115-75	12 (1*)	Washer
	60	КГ 1/4". A12.019 TY 23.1.506-91	1	Plug

* optionally (jointly with pos.8)

TY – Technical Specifications (translator's note)

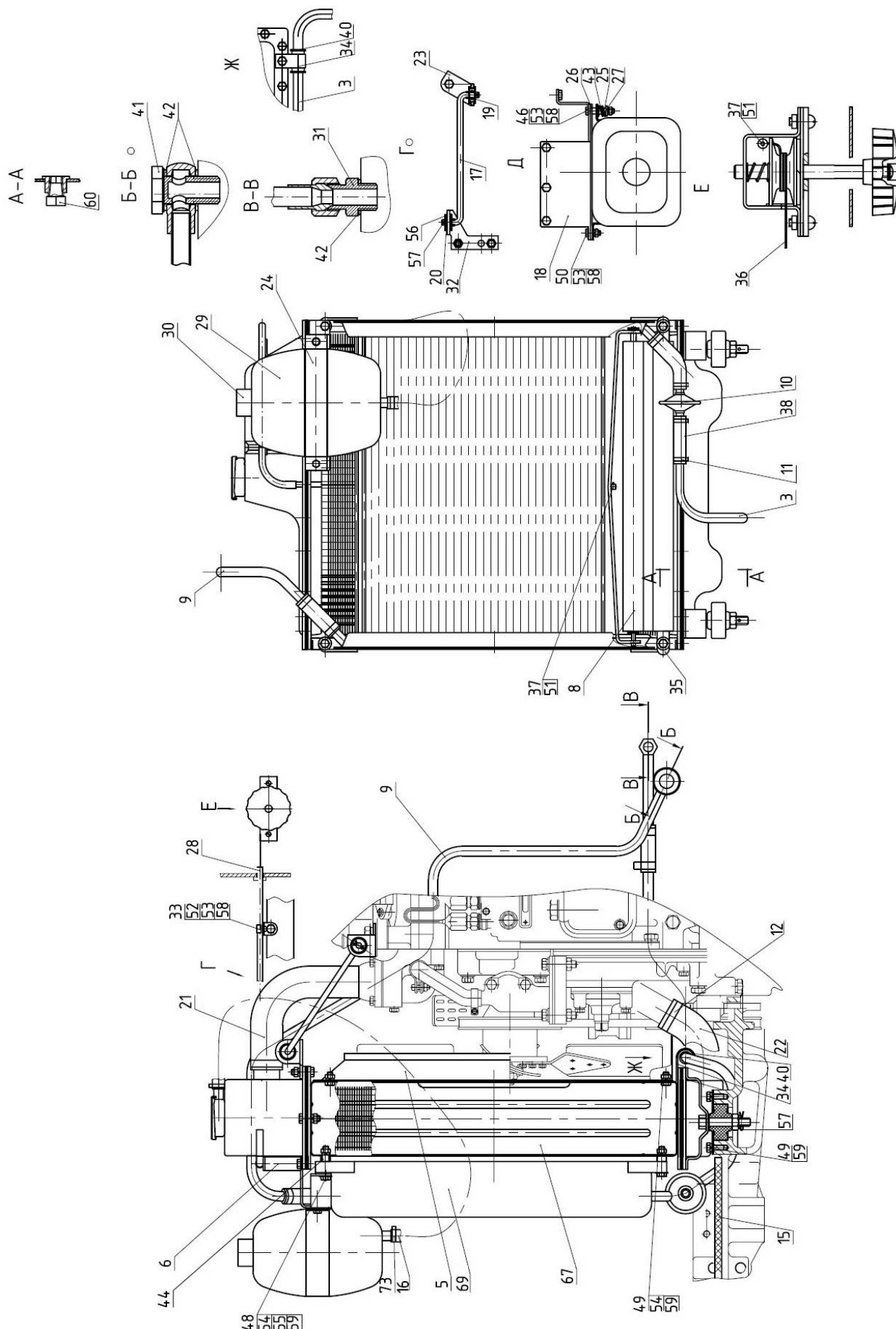


Fig.13.1. Cooling unit (for Belarus-900/900.2/920./920.2/950./950.2/952/952.2)

Group 13. Cooling system

1301. Cooling unit

(For Belarus-900/900.2/920./920.2/950./950.2/952/952.2)

Fig. No.	Pos. No.	Designation	Q-ty	Description
13.1	67	70Y.13.01.015** or 90-1301015** or 161.1301010-15**	1	Water radiator
		70Y.13.01.010-01 70Y.13.01.010 or 90-1301010 or 161.1301010		
	69	245-1405010A	1	Oil radiator
	73	"NORMA" TORRO 12-20/9-C6W	2	Clamp

** for tropics

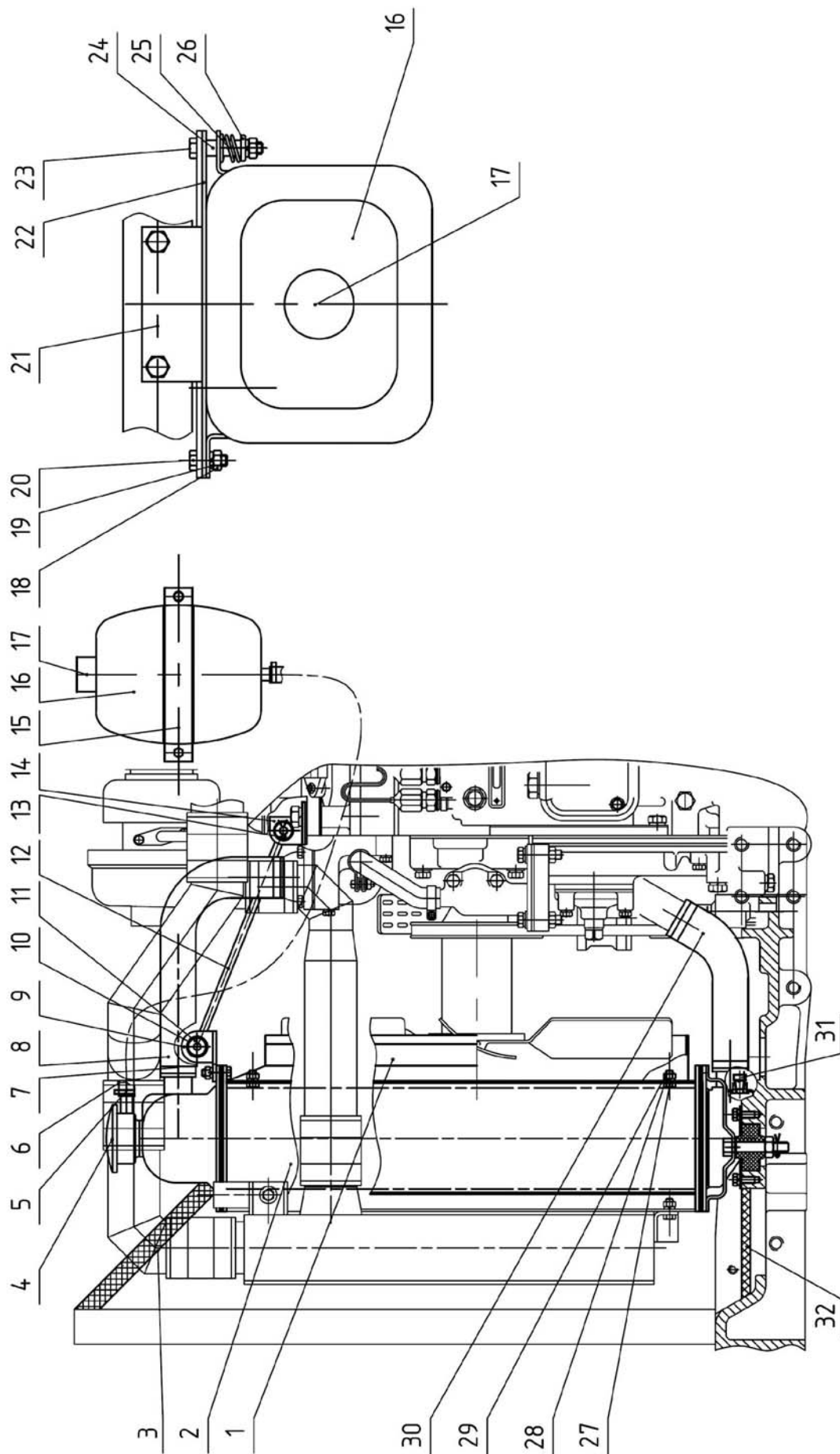
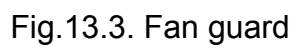


Fig.13.2. Cooling unit (for Д-245.5S2/Д-245.43S2)

Group 13. Cooling system
Subgroup 1301. Cooling unit (for Д-245.5S2/Д-245.43S2)

Fig. No.	Pos. No.	Designation	Q-ty	Description
13.2	1	85-1309080	1	Fan cover
	2	1025.13.01.010Б	1	Water radiator
	3	1025.3-1301340	1	Seal
	4		1	Plug A21.01.270-1
	5		2	Clamp "NORMA" TORRO 16-25/9-C6W
	6		400 mm	Hose pipe 14x23-1,6 ГОСТ 10362-76
	7		4	Clamp "NORMA" TORRO 32-50/9-C6W
	8	85-1303010	1	Hose
	9	1520-1302072	1	Bracket
	10	85-1302071	2	Shock-absorber
	11	С 8.01.019 ГОСТ 6958-78	4	Washer
	12	1025-1302003-Б	1	Brace
	13	3,2x18.019 ГОСТ 397-79	4	Cotter pin
	14	80-1302011	1	Bracket
	15	80-1311002	1	Clamp
	16	80П-1311010-A	1	Expansion tank
	17	80П-1311011	1	Plug
	18	M6-6H.6.019 ГОСТ 5915-70	2	Nut
	19	6T OCT 37.001.115-75	2	Washer
	20	M6-6gx16.88.35.019 ГОСТ 7798-70	1	Bolt
	21	923-1311001	1	Bracket
	22	80-1311004	1	Plate
	23	M6-6gx40.88.35.019 ГОСТ 7795-70	1	Bolt
	24	80-1311003	1	Bush
	25	54.06.413	1	Spring
	26	80-1311006	1	Disk
	27	M8-6gx16.88.35.019 ГОСТ 7796-70	13	Bolt
	28	8T OCT 37.001.115-75	13	Washer
	29	M8-6H.6.019 ГОСТ 5915-70	12	Nut
	30	85-1303001	1	Hose
	31		1	Plug – КГ 1/4".A12.019
	32	1025.3-1301230	1	Seal



BELARUS**900/920/950/952****Group 13. Cooling system****Subgroup 1309. Fan guard**

Fig. No.	Pos. No.	Designation	Q-ty	Description
13.3		1025-1309300	1	Fan guard
	1	1025-1309070	1	Bracket
	2	1025-1309075	2	Bracket
	3	1025-1309075-01	1	Bracket
	4	1025-1309075-02	1	Bracket
	5	1025-1309080	1	Bracket
	6	1025-1309080-01	1	Bracket
	7	1025-1309085	1	Bracket
	8	1025-1309090	1	Bracket
	10	1025-1309041	1	Left guard
	11	1025-1309051-Б	1	Right guard
	13	M8-6gx20.88.35.019 ГОСТ 7796-70	1	Bolt
	14	M6-6gx14.88.35.019 ГОСТ 7798-70	9	Bolt

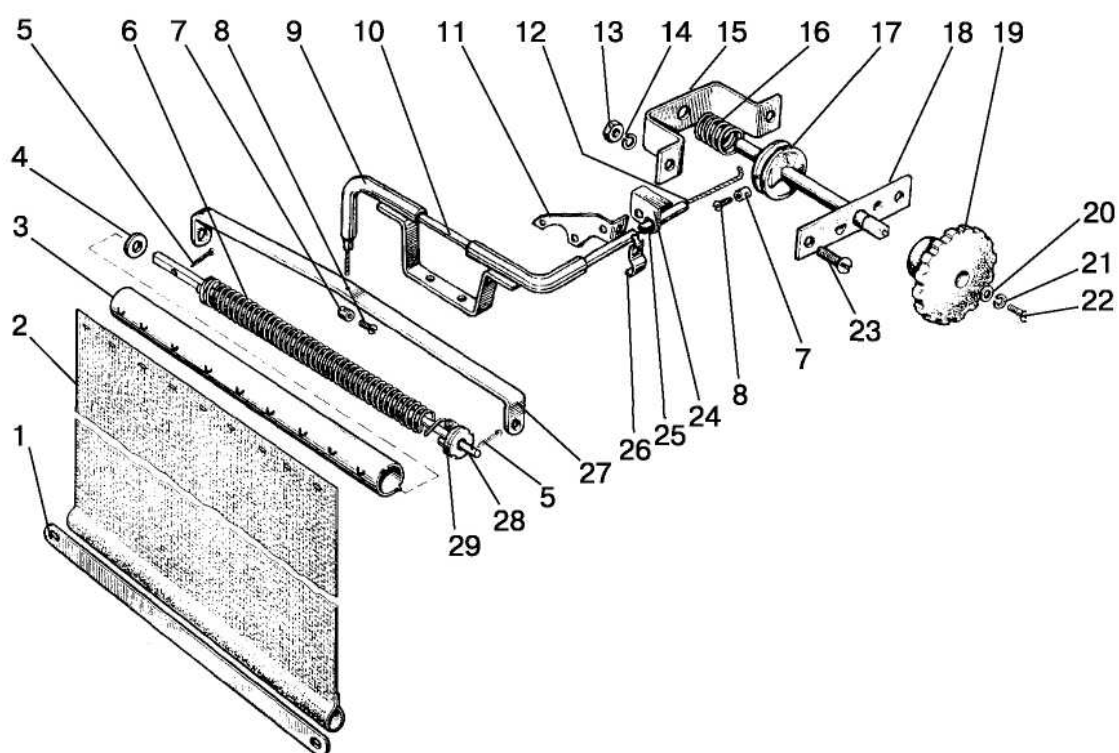


Fig.13.4. Shutter

BELARUS
900/920/950/952
Group 13. Cooling system
Subgroup 1310. Shutter

Fig. No.	Pos. No.	Designation	Q-ty	Description
13.4		70-1310010-A	1	Shutter (1-29)
	1	70-1310016	1	Slat
	2	A09.01.001	1	Shutter
	3	A09.01.015	1	Drum
	4	C 6.01.019 ГОСТ 11371-78	1	Washer
	5	2x12.019 ГОСТ 397-79	2	Cotter pin
	6	A09.01.005	1	Spring
	7	70-1310441	2	Catch
	8	B.M4-6gx8.58.019 ГОСТ 17473-80	2	Screw
	9	80-1310020	1	Bracket
	10	80B-1310007	1	Shell
	11	70-4803027	1	Bracket
	12	70-1310121-A	1	Control cord
	13	M6-6H.6.019 ГОСТ 5915-70	2	Nut
	14	6T OCT 37.001.115-75	2	Washer
	15	70-1310411	1	Cramp
	16	A09.01.023	1	Spring
	17	70-1310450	1	Drum
	18	70-1310412	1	Slat
	19	70-1310130-A	1	Handle
	20	C 5.01.019 ГОСТ 11371-78	1	Washer
	21	5T OCT 37.001.115-75	1	Washer
	22	B.M5-6gx12.58.019 ГОСТ 17473-80	1	Screw
	23	B.M6-6gx20.58.019 ГОСТ 17473-80	2	Screw
	24	80-4803026	1	Bracket
	25	70-4803022	1	Bush
	26	70Л-1024216	1	Clamp
	27	70-1310013-A	1	Slat
	28	A09.01.004	1	Rod
	29	A09.01.011	1	Tip

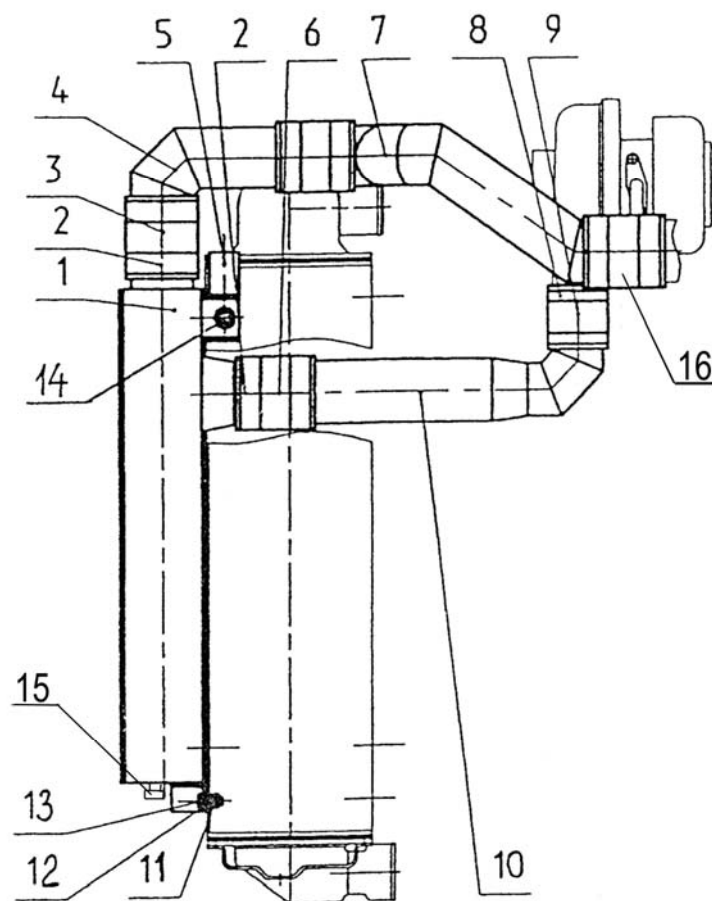


Fig.13.5. Charge air cooler (Д-245.5S2/Д-245.43S2)

BELARUS**900/920/950/952**

Group 13. Cooling system
Subgroup 1317. Charge air cooler
 (Д-245.5S2/Д-245.43S2)

Fig. No.	Pos. No.	Designation	Q-ty	Description
13.5	1	1025-1317100	1	Charge air cooler
	2	"NORMA" GBS 71/25 W2	8	Clamp
	3		2	Silicon branch pipe 60x80, blue
	4	1025П-1317600	1	Air duct
	5	1025-1317735	2	Bracket
	6		1	Silicon branch pipe 60x80, red
	7	1025-1317610	1	Air duct
	8	"NORMA" GBS 61/20 W2	2	Clamp
	9		1	Silicon branch pipe 50x100, red
	10	1025П-1317620	1	Air duct
	11	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	12	C 8.01.019 ГОСТ 6958-78	4	Washer
	13	8T OCT 37.001.115-75	4	Washer
	14	M8-6gx16.88.35.019 ГОСТ 7796-70	4	Bolt
	15	КГ 1/4".A12.019 ТУ 23.1.506-91	2	Plug
	16		1	Silicon branch pipe 63x80, blue

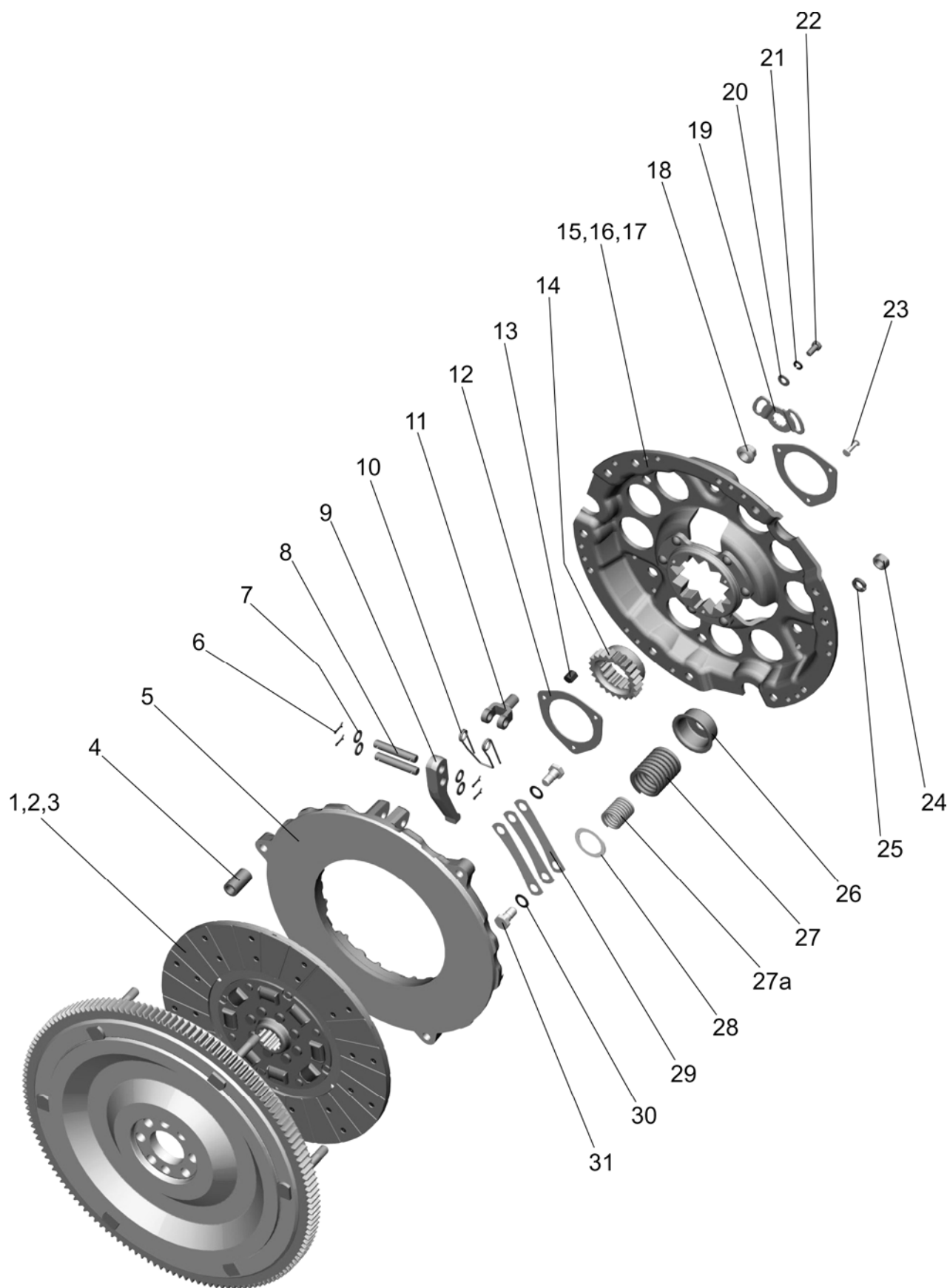


Fig.16.1. Clutch assembly 240-1005009-03
(without pos.27a: 240-1005009)

Group 16. Clutch
Subgroup 1601. Clutch assembly

Fig. No	Pos. No.	Designation	Q-ty			Description
			900 920 920.2	900.3/920.3 950/952 952.2/952.3		
			240-1005009	240-1005009-03	240-1005009-06*	
16.1, 16.1a		80-1601090-A	-	1	-	Clutch plate (5-15, 18-31)
		80-1601090	1	-	1	Clutch plate (5-15, 18-27, 28-31)
		85-1601120-B	1	1	1	Backing plate (12-15, 23)
	1	85-1601130-01 or 85-1601130-02	1	1	-	Driven plate (includes 2, 3)
	1a	80-1601130-A	-	-	1	Driven plate (includes 2a, 3a)
	2	70-1601138-01 or 70-1601138-02	2	2	-	Friction lining (included in 1)
	2a	566528	-	-	12	Segment GBV 156400 (7650861d) (in- cluded in 1a)
	3	2-4x8.32 ГОСТ 12642-80	24	24	-	Rivet (included in 1)
	3a	566529	-	-	12	Rivet TT2 7050914 (included in 1a)
	4	70-1601074	6	6	6	Bush
	5	80-1601093	1	1	1	Pressure plate
	6	3,2x18.019 ГОСТ 397-79	12	12	12	Cotter pin
	7	85-1601108	12	12	12	Washer
	8	85-1601096	6	6	6	Pin
	9	85-1601094	3	3	3	Clutch lever
	10	85-1601083	3	3	3	Spring
	11	85-1601097	3	3	3	Fork
	12	70-1601062	2	2	2	Washer
	13	70-1601091	12	12	12	Damper
	14	70-1601053	1	1	1	Bush
	15	85-1601125-B	1	1	1	Backing plate (assembled with 16 and 17)
	16	70-1601051	1	1	1	Hub (included in 15)
	17	8x22.01 ГОСТ 10299-80	6	6	6	Rivet (included in 15)
	18	85-1601109-A	3	3	3	Adjusting nut
	19	85-1601086	3	3	3	Retaining washer
	20	C 8.01.019 ГОСТ 11371-78	6	6	6	Washer
	21	8T OCT 37.001.115-75	6	6	6	Washer
	22	M8-6gx16.88.35.019 ГОСТ 7796-70	6	6	6	Bolt
	23	6x30.01 ГОСТ 10299-80	3	3	3	Rivet
	24	M12x1,25-6H.6.019 ГОСТ 5915-70	9	9	9	Nut
	25	12 OT OCT 37.001.115-75	9	9	9	Washer
	26	85-1601072-B	9	9	9	Cage
	27	85-1601115	9	9	9	Spring
	27a	77.55.121-1	-	6	-	Spring
	28	85-1601118-B	9	9	9	Insulating washer
	29	85-1601124	9	9	9	Plate
	30	85-1601121	6	6	6	Washer
	31	85-1601126	6	6	6	Bolt

*optionally

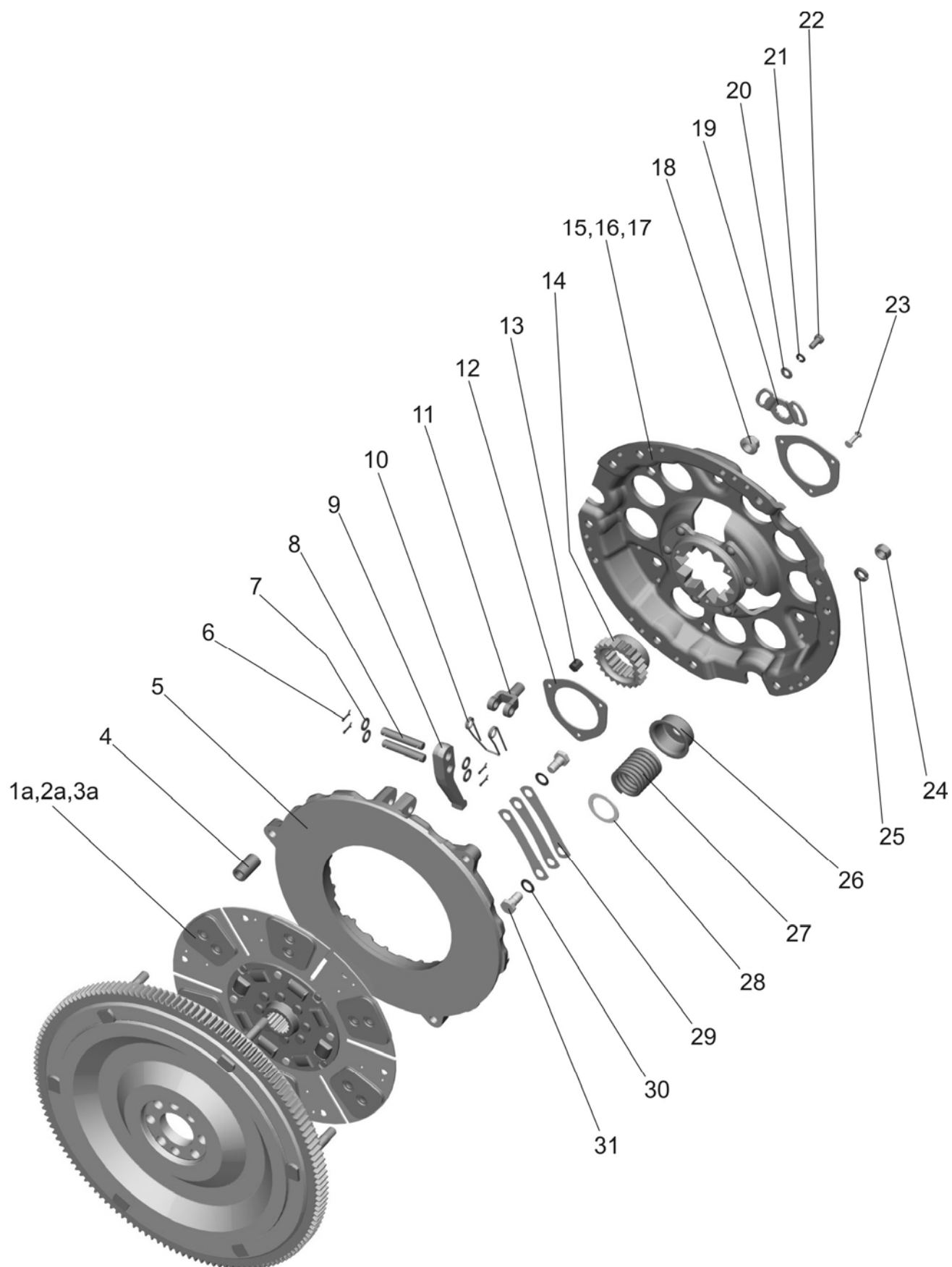


Fig.16.1a. Clutch assembly 240-1005009-06

Group 16. Clutch
Subgroup 1601. Clutch assembly

Fig. No	Pos. No.	Designation	Q-ty			Description
			900 920 920.2	900.3/920.3 950/952 952.2/952.3		
			240-1005009	240-1005009-03	240-1005009-06*	
16.1, 16.1a		80-1601090-A	-	1	-	Clutch plate (5-15, 18-31)
		80-1601090	1	-	1	Clutch plate (5-15, 18-27, 28-31)
		85-1601120-B	1	1	1	Backing plate (12-15, 23)
	1	85-1601130-01 or 85-1601130-02	1	1	-	Driven plate (includes 2, 3)
	1a	80-1601130-A	-	-	1	Driven plate (includes 2a, 3a)
	2	70-1601138-01 or 70-1601138-02	2	2	-	Friction lining (included in 1)
	2a	566528	-	-	12	Segment GBV 156400 (7650861d) (in- cluded in 1a)
	3	2-4x8.32 ГОСТ 12642-80	24	24	-	Rivet (included in 1)
	3a	566529	-	-	12	Rivet TT2 7050914 (included in 1a)
	4	70-1601074	6	6	6	Bush
	5	80-1601093	1	1	1	Pressure plate
	6	3,2x18.019 ГОСТ 397-79	12	12	12	Cotter pin
	7	85-1601108	12	12	12	Washer
	8	85-1601096	6	6	6	Pin
	9	85-1601094	3	3	3	Clutch lever
	10	85-1601083	3	3	3	Spring
	11	85-1601097	3	3	3	Fork
	12	70-1601062	2	2	2	Washer
	13	70-1601091	12	12	12	Damper
	14	70-1601053	1	1	1	Bush
	15	85-1601125-B	1	1	1	Backing plate (assembled with 16 and 17)
	16	70-1601051	1	1	1	Hub (included in 15)
	17	8x22.01 ГОСТ 10299-80	6	6	6	Rivet (included in 15)
	18	85-1601109-A	3	3	3	Adjusting nut
	19	85-1601086	3	3	3	Retaining washer
	20	C 8.01.019 ГОСТ 11371-78	6	6	6	Washer
	21	8T OCT 37.001.115-75	6	6	6	Washer
	22	M8-6gx16.88.35.019 ГОСТ 7796-70	6	6	6	Bolt
	23	6x30.01 ГОСТ 10299-80	3	3	3	Rivet
	24	M12x1,25-6H.6.019 ГОСТ 5915-70	9	9	9	Nut
	25	12 OT OCT 37.001.115-75	9	9	9	Washer
	26	85-1601072-B	9	9	9	Cage
	27	85-1601115	9	9	9	Spring
	27a	77.55.121-1	-	6	-	Spring
	28	85-1601118-B	9	9	9	Insulating washer
	29	85-1601124	9	9	9	Plate
	30	85-1601121	6	6	6	Washer
	31	85-1601126	6	6	6	Bolt

*optionally

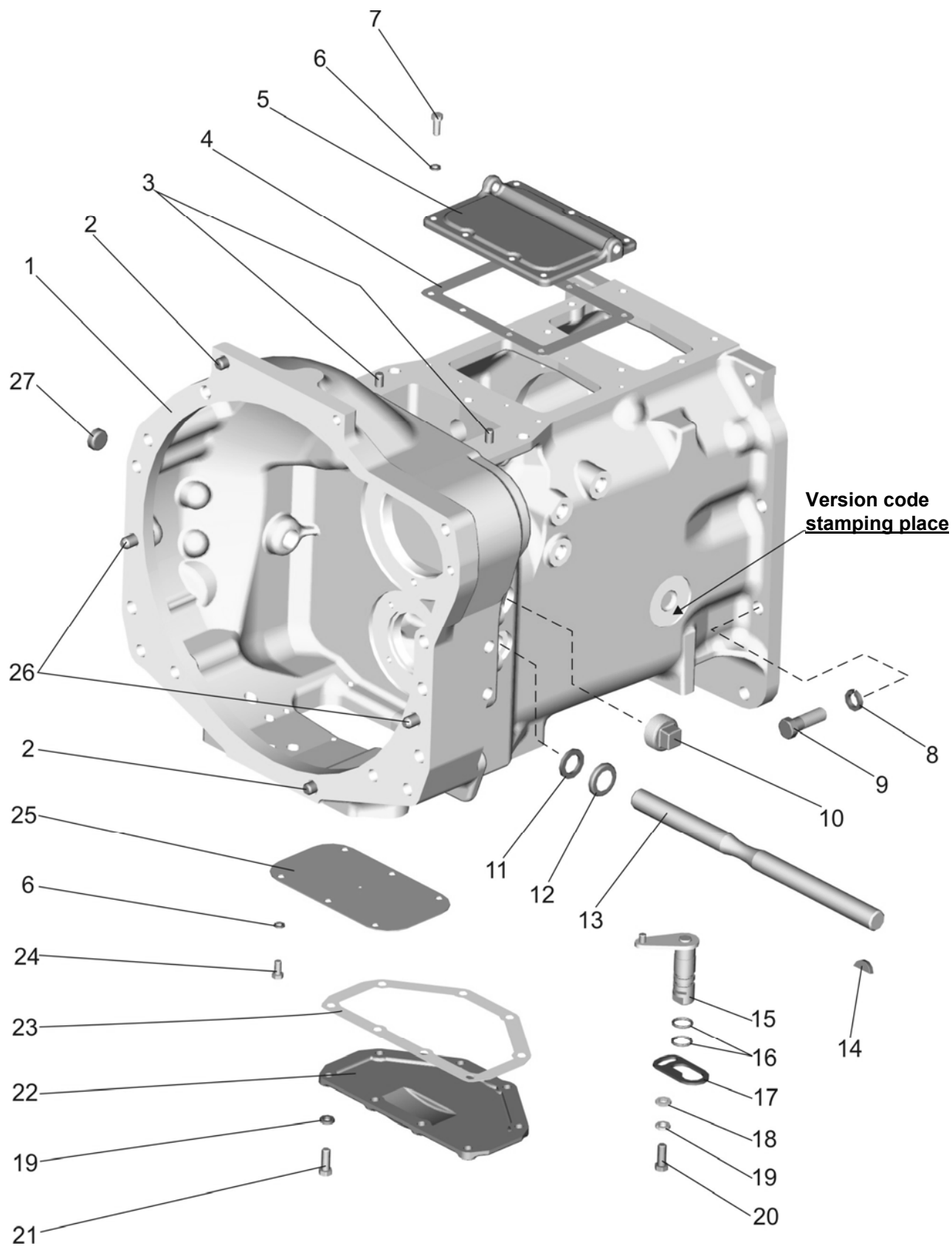


Fig.16.2. Clutch casing

Group 16. Clutch
Subgroup 1601. Clutch casing

Fig. No.	Pos. No.	Designation	Q-ty			Description	Remarks
			900 920/ 920.2	900.3 920.3	950/ 952 952.2/ 952.3		
16.2		74-1600010	1	-	-	Clutch casing ($n_{eng}=2200^{rpm}$, synchronized splitter) Fig.16.2: 1, 3-7, 10-25; Fig.16.3: 3-8; Fig.16.4: 1-32; Fig.16.5: 1-8; Fig.17.2: 1-7, 8, 9.	Version code 10
		74-1600010-02	-	1*	1	Clutch casing ($n_{eng}=1800^{rpm}$, synchronized splitter) Fig.16.2: 1, 3-7, 10-25; Fig.16.3: 3-8; Fig.16.4: 1-5, 6a, 7-10, 11a, 12-26, 27a, 28a, 29a,30a, 31a, 32; Fig.16.5a: 1a, 2a, 3-8; Fig.17.2: 1-,7, 8, 9.	Version code 12
		74-1600010-03	-	1	1*	Clutch casing ($n_{eng}=1800^{rpm}$, synchronized multiplier) Fig.16.2: 1, 3-7, 10-25; Fig.16.3: 3-8; Fig.16.4: 1-5, 6a, 7-10, 11a, 12-26, 27a, 28a, 29a,30a, 31a, 32; Fig.16.5a: 1a, 2a, 3-8. Fig.17.2: 1-7, 8a, 9.	Version code 13
		70-1600010	1*	-	-	Clutch casing ($n_{eng}=2200^{rpm}$, mechanical splitter) Fig.16.2: 1, 3-7, 10-25; Fig.16.3: 3-8; Fig.16.4: 1-32; Fig.16.5: 1-8; Fig.17.1: 1-7, 8, 9, 10.	Version code -
		50-1600010-06	-	1*	1*	Clutch casing ($n_{eng}=1800^{rpm}$, mechanical splitter) Fig.16.2: 1, 3-7, 10-25; Fig.16.3: 3-8; Fig.16.4: 1-5, 6a, 7-10, 11a, 12-26, 27a, 28a, 29a,30a, 31a, 32; Fig.16.5a: 1a, 2a, 3-8; Fig.17.1: 1-7, 8, 9, 10.	Version code 06
		50-1600010-08	-	1*	1*	Clutch casing ($n_{eng}=1800^{rpm}$, mechanical multiplier) Fig.16.2: 1, 3-7, 10-25; Fig.16.3: 3-8; Fig.16.4: 1-5, 6a, 7-10, 11a, 12-26, 27a, 28a, 29a,30a, 31a, 32; Fig.16.5a: 1a, 2a, 3-8; Fig.17.1: 1-7, 8a, 9, 10.	Version code 08
		P70-1600010	1*	-	-	Clutch casing ($n_{eng}=2200^{rpm}$, reverse gear) Fig.16.2: 1, 3-7, 10-25; Fig.16.3: 3-8; Fig.16.4: 1-5, 6a, 7-10, 11a, 12-26, 27a, 28a, 29a,30a, 31a, 32; Fig.16.5: 1-8; Fig.17.4: 1-10, 17-19, 25-27.	Version code 20
		P70-1600010-02	-	1*	1*	Clutch casing ($n_{eng}=1800^{rpm}$, reverse gear) Fig.16.2: 1, 3-7, 10-25; Fig.16.3: 3-8; Fig.16.4: 1-5, 6a, 7-10, 11a, 12-26, 27a, 28a, 29a,30a, 31a, 32; Fig.16.5a: 1a, 2a, 3-8; Fig.17.4: 1-10, 17-19, 25-27.	Version code 22

* Optionally

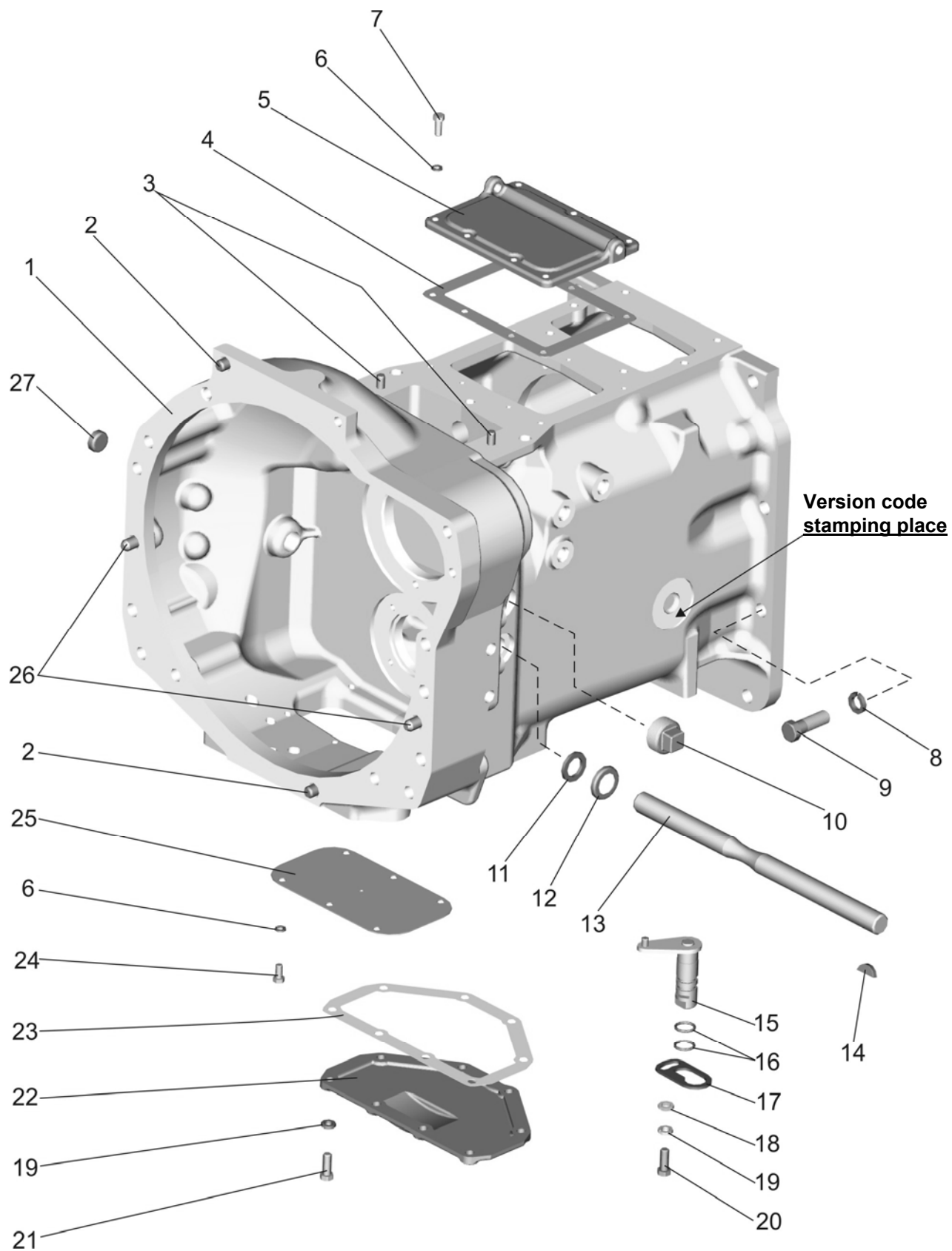


Fig.16.2. Clutch casing

Group 16. Clutch
Subgroup 1601. Clutch casing

Fig. No.	Pos. No.	Designation	Q-ty			Description	Remarks
			900 920/920.2	900.3 920.3	950/952 952.2/952.3		
16.2	1	70-1601015	1	1	1	Clutch casing	
		70-1601015-03	1**	1**	1**	Clutch casing	
		70-1601015-04	1***	1***	1***	Clutch casing	
	2	Д01-015	2	2	2	Setting pin	
	3	ШЦК 10x25	2	2	2	Pin	
	4	50-1601345	1	1	1	Gasket	
	5	70-1601344	1	1	1	Cover	
	6	8T OCT 37.001.115-75	11	11	11	Washer	
	7	M8-6gx20.88.35.019 ГОСТ 7796-70	7	7	7	Bolt	
	8	16 OT OCT 37.001.115-75	10	10	10	Washer	
	9	M16-6gx50.88.35.019 ГОСТ 7796-70	10	10	10	Bolt	
	10	ПК КГ 1¼"	1	1	1	Plug	
	11	80-4608024	1	1	1	Ring	
	12	36-1601016	1	1	1	Dust deflector body	
	13	50-1601215	1	1	1	Shaft	
	14	СШ-611	1	1	1	Key 6x11	
	15	70-1601140	1	1	1	Roller	
	16	020-025-30-1-4 ГОСТ 18829-73/ ГОСТ 9833-73	2	2	2	Ring	
	17	80-1601099	1	1	1	Plate	
	18	С 10.01.019 ГОСТ 11371-78	1	1	1	Washer	
	19	10 OT OCT 37.001.115-75	9	9	9	Washer	
	20	M10-6gx20.88.35.019 ГОСТ 7796-70	1	1	1	Bolt	
	21	M10-6gx25.88.35.019 ГОСТ 7796-70	8	8	8	Bolt	
	22	50-1601315	1	1	1	Cover	
	23	70-1601314	2	2	2	Gasket	
	24	M8-6gx16.88.35.019 ГОСТ 7796-70	4	4	4	Bolt	
	25	50-1601341	1	1	1	Cover	
	26	50-1601352	2	2	2	Setting pin	
	27	50-1601022	1	1	1	Choke	

**Optionally (except for versions with reverse gear)

***For versions with reverse gear

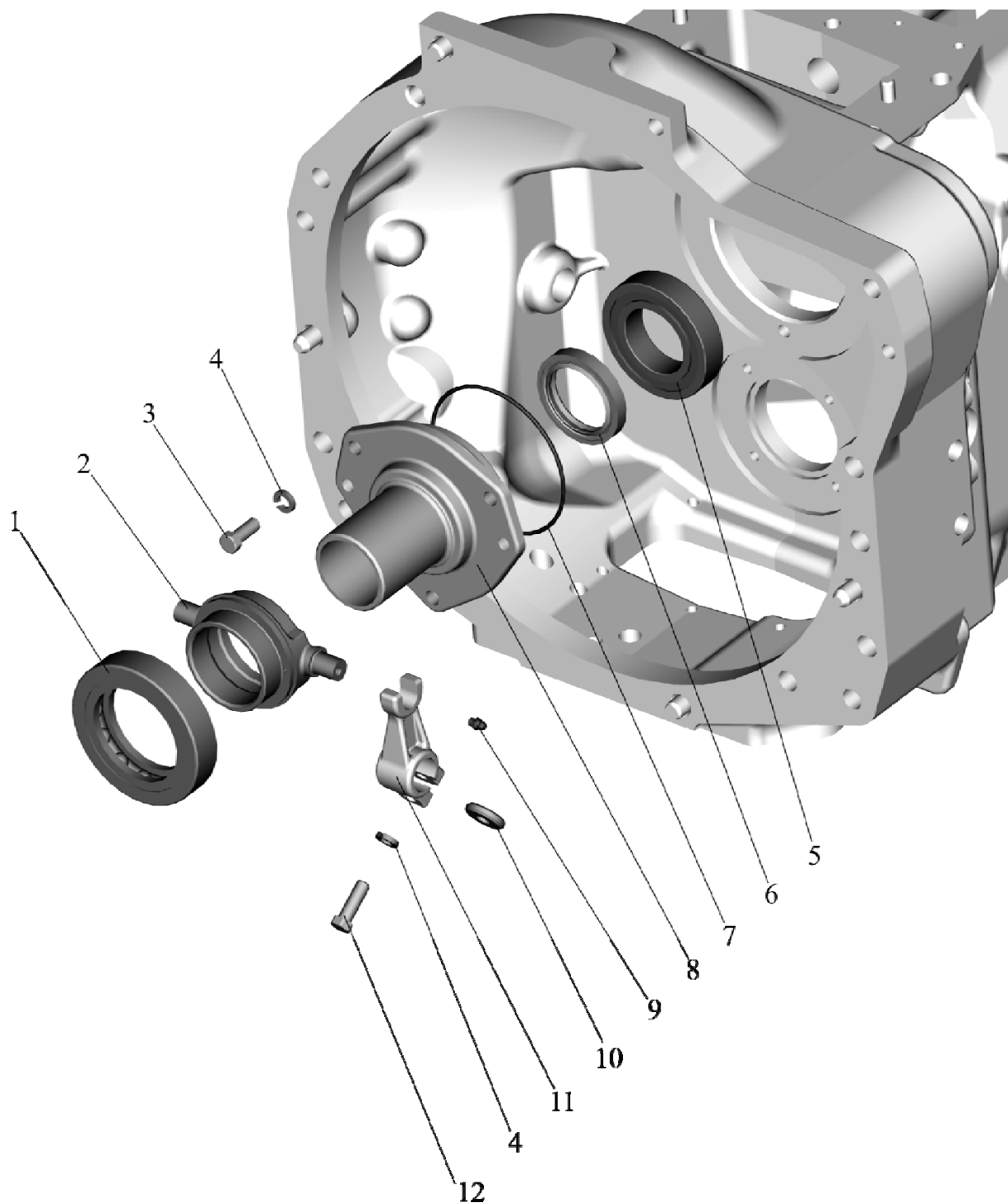


Fig.16.3. Clutch casing. Shifter.

BELARUS**900/920/950/952**

Group 16. Clutch
Subgroup 1601. Clutch casing. Shifter.

Fig. No	Pos. No.	Designation	Q-ty	Description
16.3	1	986714K1C23	1	Bearing
	2	50-1601185-A	1	Shifter
	3	M10-6gx25.88.35.019 ГОСТ 7796-70	3	Bolt
	4	10 OT OCT 37.001.115-75	5	Washer
	5	60210 АУШ1 ГОСТ 7242-81	1	Bearing
	6	240-1002055	1	Cuff (included in 8)
	7	110-115-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	8	50-1601172-A	1	Shifter bracket (assembled with 6)
	9	1.1.Ц9.xp ГОСТ 19853-74	1	Greaser
	10	50-1601218	2	Key
	11	50-1601203	2	Fork
	12	M10-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt

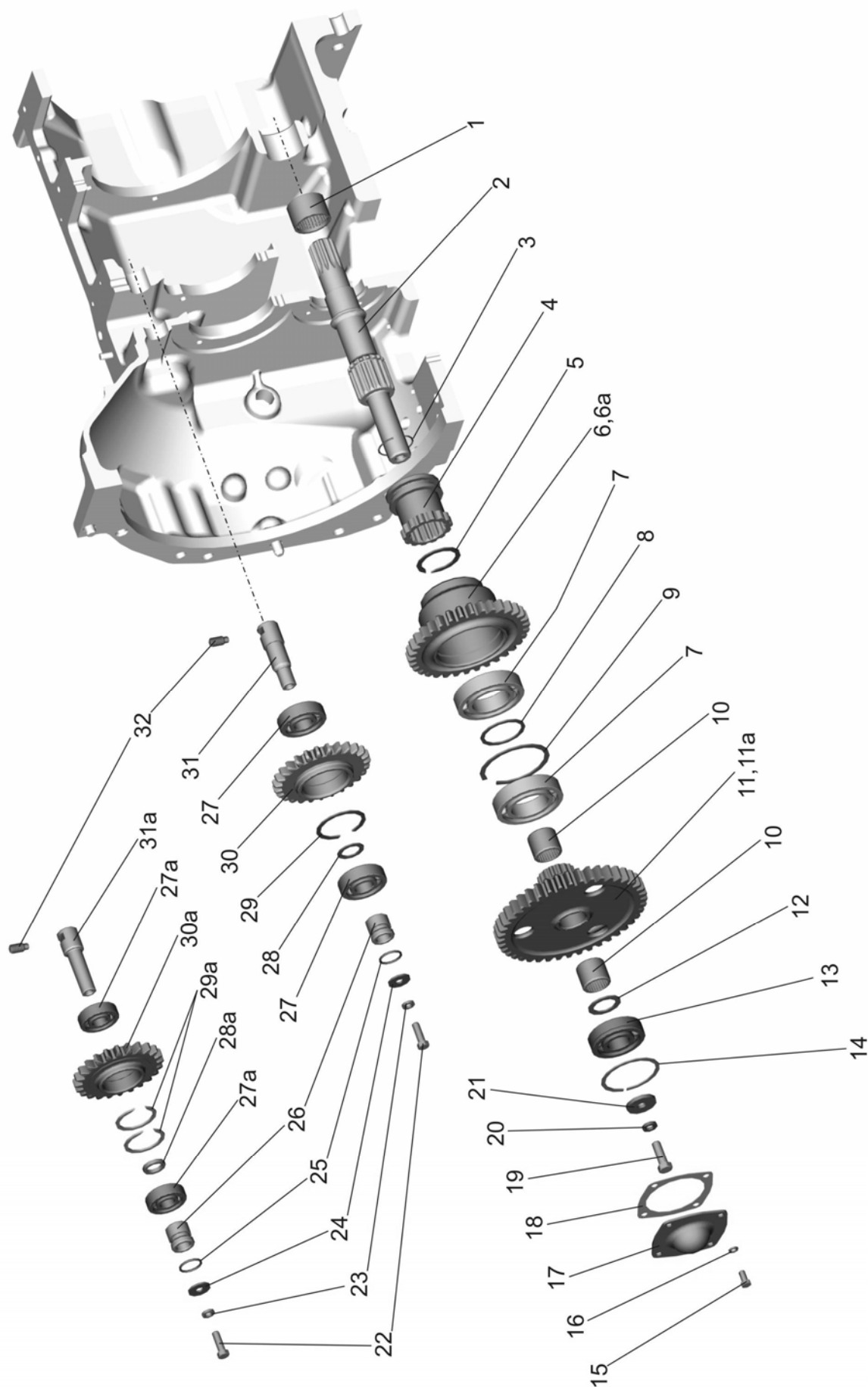


Fig.16.4. Clutch casing (PTO drive, mounted attachment hydraulic system pump drive)

Group 16. Clutch
Subgroup 1601. Clutch casing
(PTO drive, mounted attachment hydraulic system pump drive)

Fig. No	Pos. No.	Designation	Quantity		Description
			900 920/920.2	900.3 920.3 950/952 952.2/952.3	
16.4		70-1601240-Б	1	-	PTO gear block (5-11)
		50-1601240	-	1	PTO gear block (5,6a,7-10,11a)
		70-1601330	1	-	Gear (27-30)
		50-1601330-A	-	1	Gear (27a, 28a, 29a, 30a)
	1	942/40 ГОСТ 4060-78	1	1	Bearing
	2	70-1601021-Б	1	1	Driven shaft
	3	70-1601076	1	1	Ring
	4	70-1601081	1	1	Clutch
	5	2C50 ГОСТ 13940-86	1	1	Ring
	6	70-1601086-Б	1	-	PTO drive gear
	6a	50-1601086	-	1	PTO drive gear
	7	210 АУШ1 ГОСТ 8338-75	2	2	Bearing
	8	70-1601083	1	1	Spacer washer
	9	2C90 ГОСТ 13941-86	1	1	Ring
	10	943/30 ГОСТ 4060-78	2	2	Bearing
	11	70-1601088-Б	1	-	PTO drive gear
	11a	50-1601088-Б	-	1	PTO drive gear
	12	70-1601082	1	1	Washer
	13	6-50306K ГОСТ8338-75/ГОСТ2893-82	1	1	Bearing
	14	72 ГОСТ 2893-82	1	1	Ring
	15	M8-6gx16.88.35.019 ГОСТ 7796-70	4	4	Bolt
	16	8T OCT 37.001.115-75	4	4	Washer
	17	50-1601089	1	1	Cover
	18	50-1601091	1	1	Gasket
	19	M12-6gx35.88.35.019 ГОСТ 7796-70	1	1	Bolt
	20	12 OT OCT 37.001.115-75	1	1	Washer
	21	50-1601038	1	1	Washer
	22	M10-6gx30.88.35.019 ГОСТ 7796-70	1	1	Bolt
	23	10 OT OCT 37.001.115-75	1	1	Washer
	24	C 10x6.01.019 ГОСТ 6958-78	1	1	Washer
	25	025-030-30-1-4 ГОСТ 18829-73/9833-73	1	1	Ring
	26	50-1601336	1	1	Bush
	27	305A ГОСТ 8338-75	2	-	Bearing
	27a	304A ГОСТ 8338-75	-	2	Bearing
	28	70-1601333	1	-	Ring
	28a	50-1601333	-	1	Spacer washer
	29	2C62 ГОСТ 13941-86	1	-	Ring
	29a	50-1701464	-	2	Spring ring
	30	70-1601331	1	-	Gear
	30a	50-1601331-A	-	1	Intermediate gear
	31	70-1601335	1	-	Shaft
	31a	50-1601335	-	1	Gear shaft
	32	B.M12-6gx25.14H.019 ГОСТ 1478-93	1	1	Screw

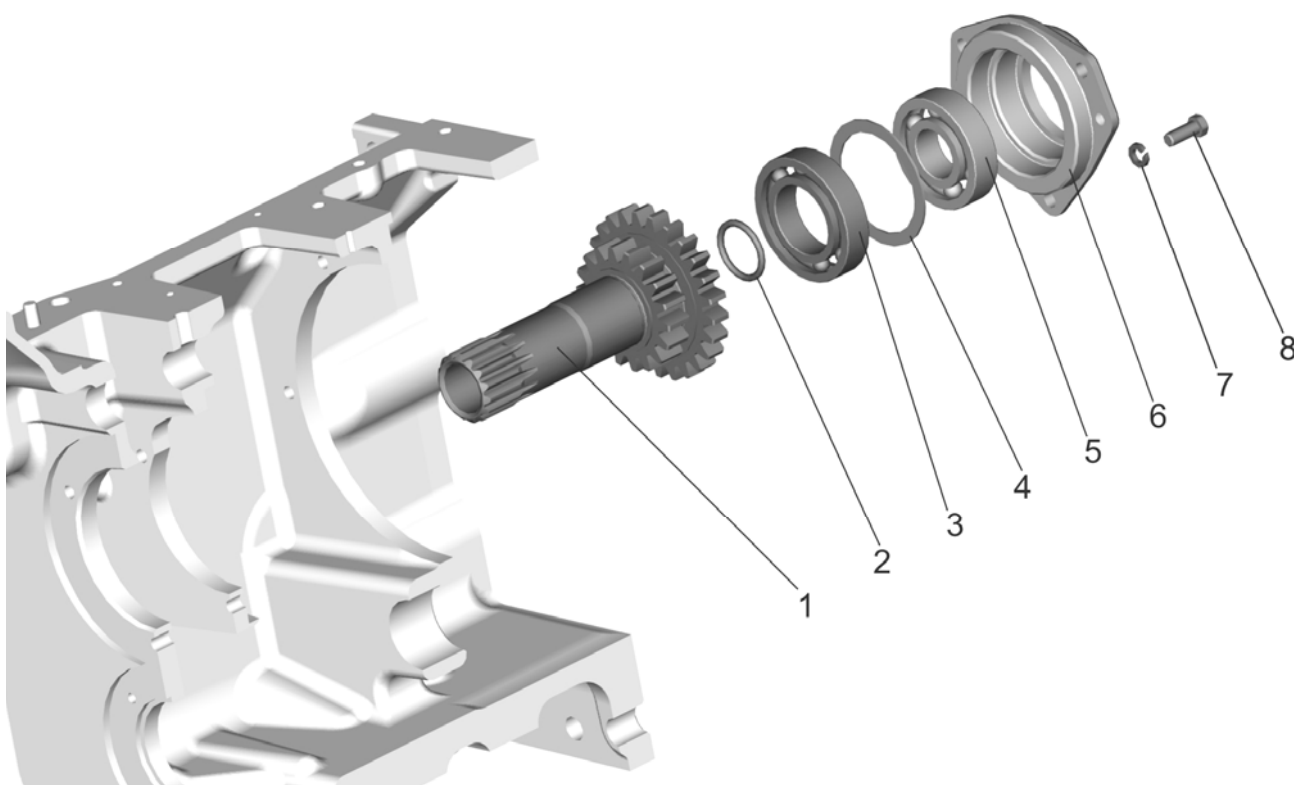


Fig.16.5. Clutch casing. PTO drive. ($n_{eng}=2200$ rpm)

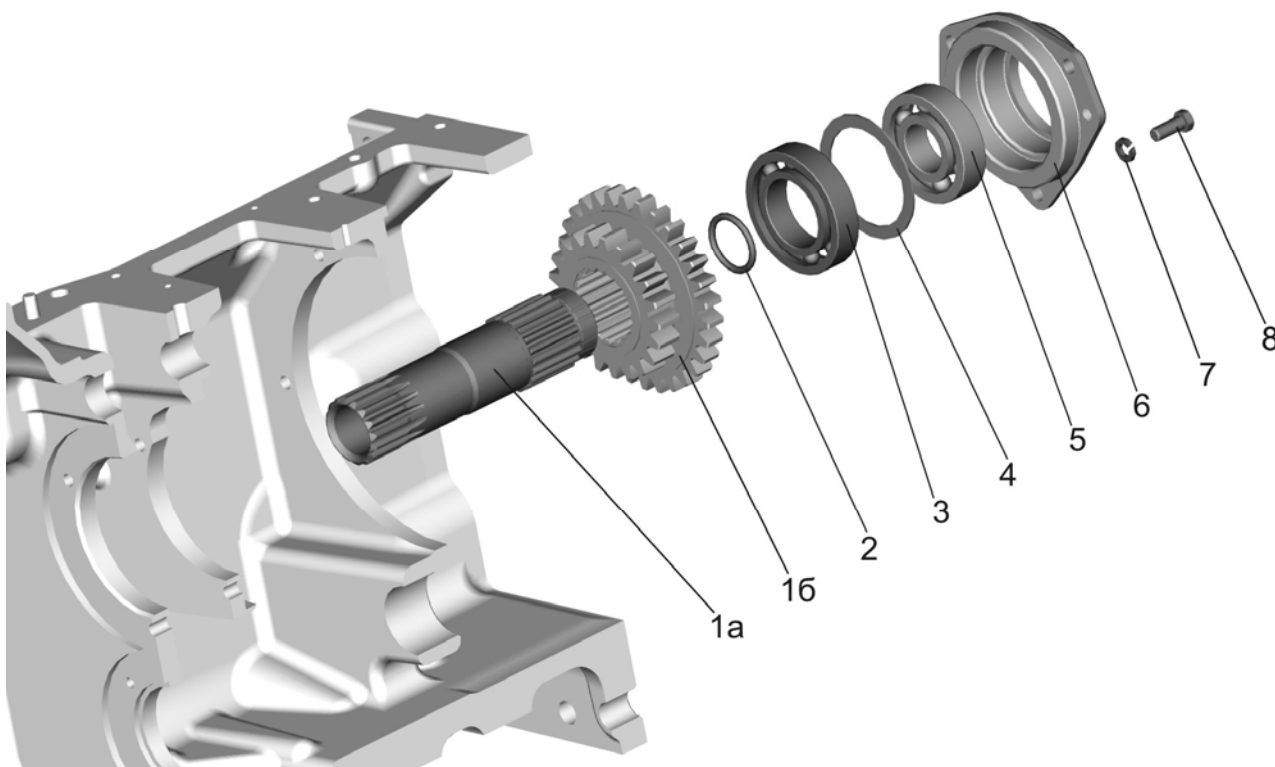


Fig.16.5a. Clutch casing. PTO drive. ($n_{eng}=1800$ rpm)

Group 16. Clutch
Subgroup 1601. Clutch casing. PTO drive.

Fig. No	Pos. No.	Designation	Q-ty		Description
			900 920/920.2	900.3 920.3 950/952 952.2/952.3	
16.5, 16.5a	1	70-1601026	1	-	PTO drive shaft
	1a	50-1601023	-	1	Shaft
	1б	50-1601024	-	1	Gear
	2	50-1601321	1	1	Seal ring
	3	210 АУШ1 GOST8338-75	1	1	Bearing
	4	50-1601027	1	1	Thrust washer
	5	307A ГОСТ 8338-75	1	1	Bearing
	6	70-1601028	1	1	Bracket
	7	10 OT OCT 37.001.115-75	3	3	Washer
	8	M10-6gx25.88.35.019 ГОСТ 7796-70	3	3	Bolt

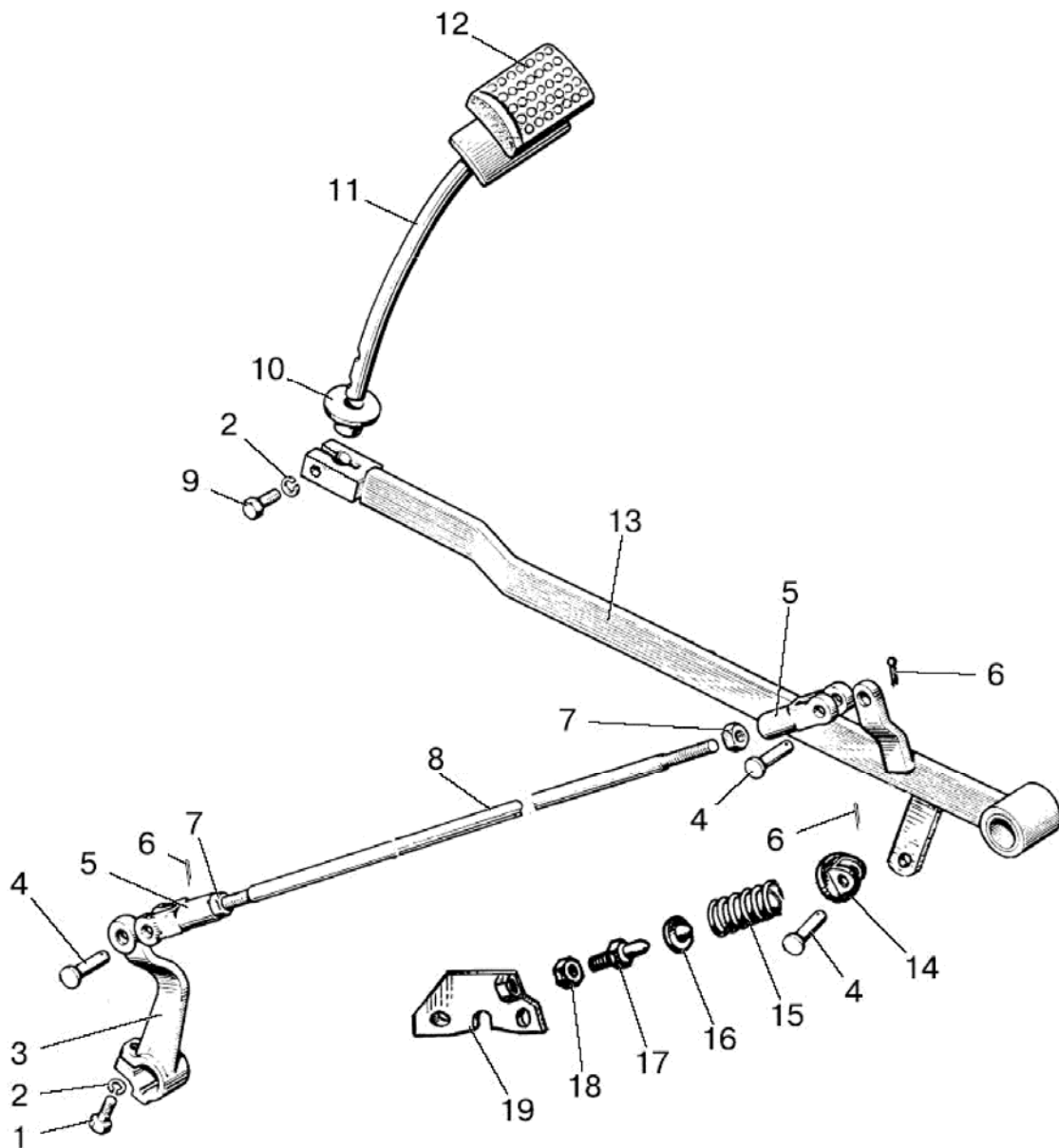


Fig.16.6. Clutch control

Group 16. Clutch
Subgroup 1602. Clutch control

Fig. No.	Pos. No.	Designation	Q-ty	Description
16.6		80-1602010-E	1	Clutch control (1-19)
		85-1602110-E	1	Rod (5.7,8)
	1	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	2	12 OT OCT 37.001.115-75	2	Washer
	3	80-1601219-E	1	Lever
	4	12x32 OCT 37.001.163-75	3	Pin
	5	50-3502203	2	Fork
	6	3,2x18.019 ГОСТ 397-79	3	Cotter pin
	7	M12x1,25-6H.6.019 ГОСТ 5915-70	2	Nut
	8	85-1602112-E	1	Rod
	9	M12-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	10	80-3503158-A	1	Seal
	11	80-1602040-E	1	Pad rod
	12	A13.33.002	1	Boot
	13	80-1602020-E1	1	Pedal
	14	50-1602027	1	Stop
	15	50-1602032	1	Spring
	16	50-1602029	1	Stop
	17	80-1602033	1	Stop bolt
	18	M16-6H.6.019 ГОСТ 5915-70	1	Nut
	19	80-1602075-E	1	Bracket

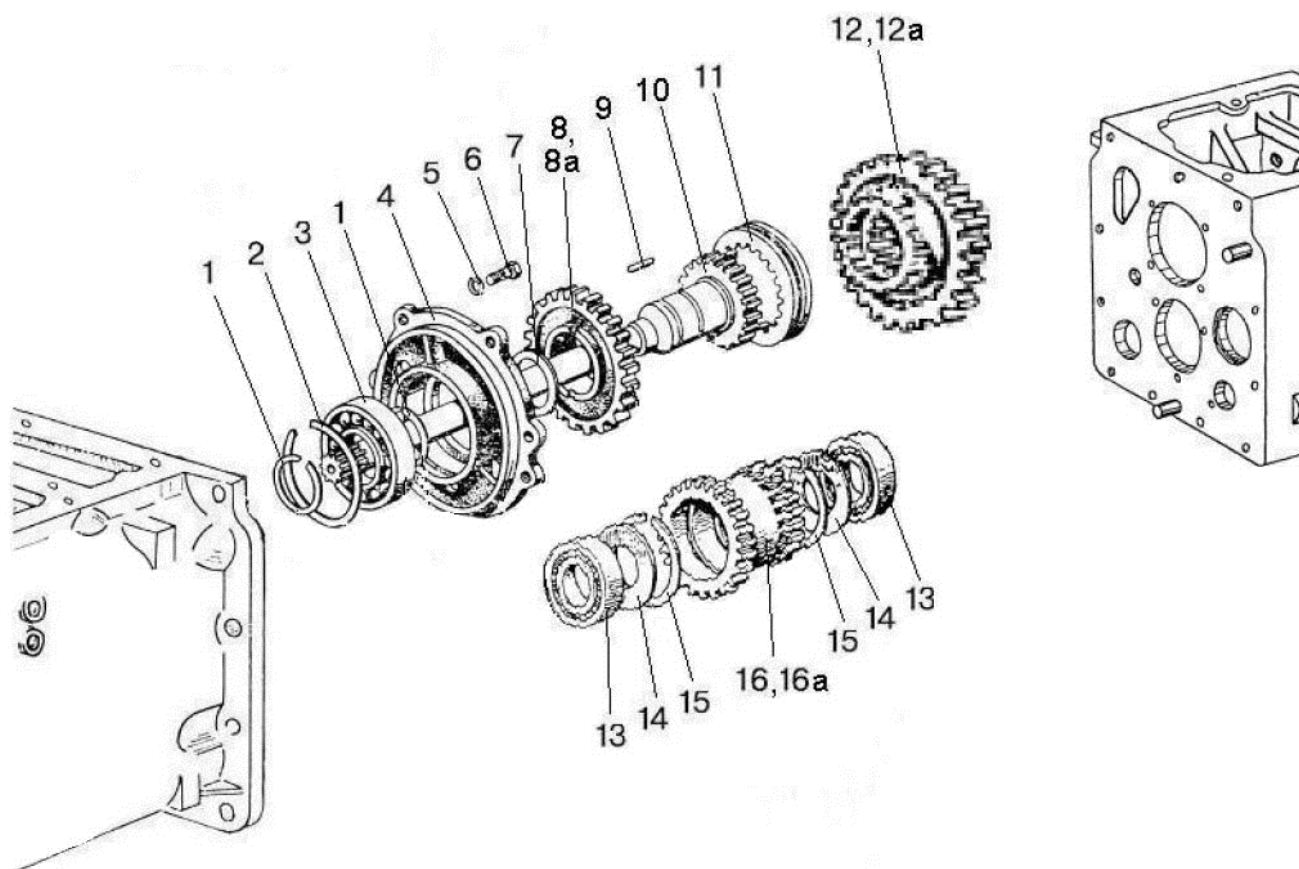


Fig.17.1. Mechanical splitter/ mechanical multiplier

Group 17. Gearbox
**Subgroup 1721. Mechanical splitter/
mechanical multiplier**

Fig. No	Pos. No.	Designation	Q-ty		Description
			Splitter*	Multiplier*	
17.1		70-1721020	1	-	Clutch shaft with cover (1-4,7,8-10)
		50-1721020	-	1	Clutch shaft with cover (1-4,7,8a-10)
		70-1721040	1	-	Gear (13-16)
		50-1721040	-	1	Gear (13-16a)
	1	2C55 ГОСТ 13940-86	2	2	Ring
	2	2C100 ГОСТ 13941-86	1	1	Ring
	3	211 АУШ1 ГОСТ8338-75	1	1	Bearing
	4	70-1721022	1	1	Bearing cap
	5	10 OT OCT 37.001.115-75	4	4	Washer
	6	M10-6gx25.88.35.019 ГОСТ 7796-70	4	4	Bolt
	7	70-1721023	1	1	Washer
	8	70-1721031	1	-	Gear
	8a	50-1721031	-	1	Gear
	9	4x34,8A3 ГОСТ 6870-81	47	47	Roller
	10	70-1721113-A	1	1	Clutch shaft
	11	70-1721045	1	1	Gear clutch
	12	70-1721025	1	-	Gear
	12a	50-1721025	-	1	Gear
	13	212 АУШ1 ГОСТ 8338-75	2	2	Bearing
	14	70-1721318	2	2	Washer
	15	2C110 ГОСТ 13941-86	2	2	Ring
	16	70-1721041	1	-	Gear
	16a	50-1721041	-	1	Gear

* see Table to the figure 16.2

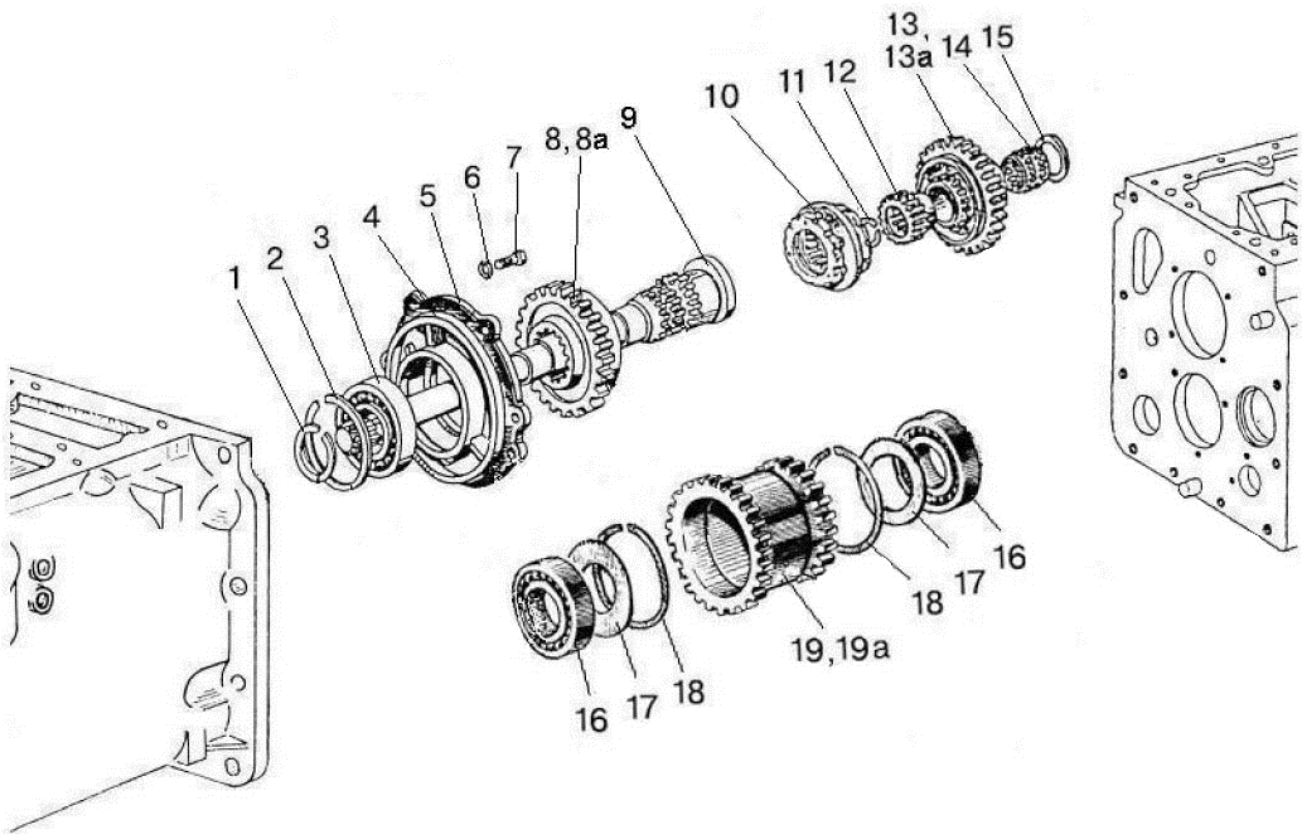


Fig.17.2. Synchronized splitter/ synchronized multiplier

**Group 17. Gearbox
Subgroup 1721. Synchronized splitter/
synchronized multiplier**

Fig. No	Pos. No.	Designation	Q-ty		Description
			Splitter*	Multiplier*	
17.2		74-1721020	1	-	Shaft assembly (1-3,5,8,9)
		74-1721020-01	-	1	Shaft assembly (1-3,5,8a,9)
		70-1721040	1	-	Gear (16-19)
		50-1721040	-	1	Gear (16-19a)
	1	2C55 ГОСТ 13940-86	1	1	Ring
	2	2C110 ГОСТ 13941-86	1	1	Ring
	3	211 АУШ1 ГОСТ 8338-75	1	1	Bearing
	4	74-1721023	1..4	1..4	Gasket 0.5 mm
		74-1721023-01	1..4	1..4	Gasket 0.5 mm
	5	70-1721022	1	1	Bearing cap
	6	10 OT OCT 37.001.115-75	4	4	Washer
	7	M10-6gx25.88.35.019 ГОСТ 7796-70	4	4	Bolt
	8	74-1721090	1	-	Gear
	8a	74-1721090-01	-	1	Gear
	9	74-1721113	1	1	Shaft
	10	74-1701060-A	1	1	Synchronizer
	11	C40 ГОСТ 13940-86	1	1	Ring
	12	74-1721028	1	1	Bush
	13	74-1721080	1	-	Gear
	13a	74-1721080-01	-	1	Gear
	14	3KK 50x57x36E ТУ РБ 00234873.003-99	1	1	Bearing
	15	74-1701026	1	1	Ring
	16	212 АУШ1 ГОСТ 8338-75	2	2	Bearing
	17	70-1721318	2	2	Washer
	18	2C110 ГОСТ 13941-86	2	2	Ring
	19	70-1721041	1	-	Gear
	19a	50-1721041	-	1	Gear

* see Table to the figure 16.2

ТУ РБ – Technical Specifications of the Republic of Belarus (translator's note)

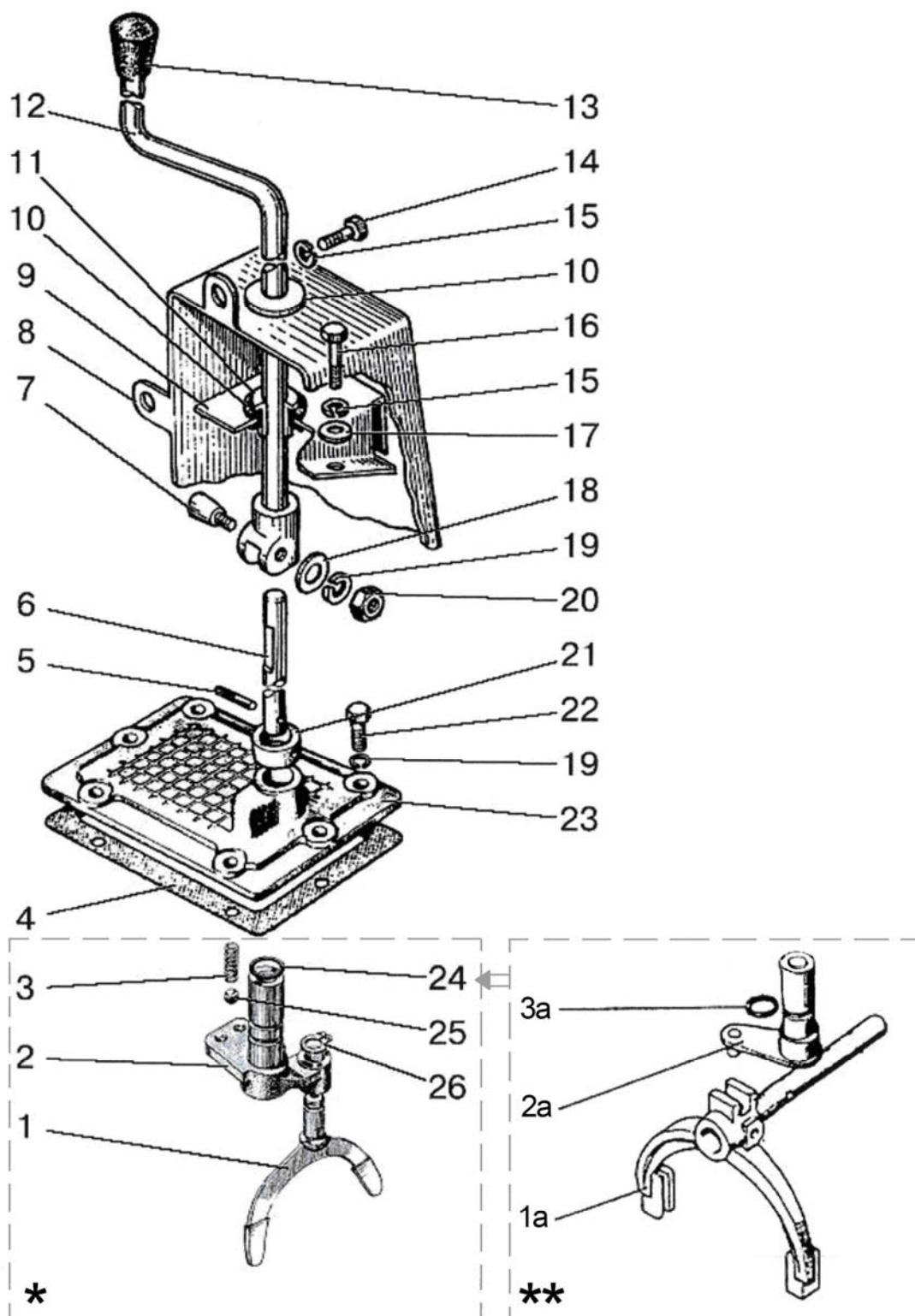


Fig.17.3. Mechanical* (synchronized**) splitter/multiplier control

Group 17. Clutch
Subgroup 1723. Splitter/multiplier control

Fig. No	Pos. No.	Designation	Q-ty	Description
17.3		80-1723010-B	1*	Splitter control (1, 2, 3, 5, 6, 21, 23-26)
		74-1723030	1**	Splitter cover (2a, 3a, 5, 6, 22, 23)
		80-1723065	1	Lever (7, 12, 13, 18-20)
	1	80-1721021	1	Fork
	1a	74-1723020-B	1	Fork
	2	70-1723020	1	Shaft with lever
	2a	70-1723140	1	Lever
	3	50-1702148-A	1	Spring
	3a	020-025-30-1-4	1	Ring
	4	50-1601347	1	Gasket
	5	70-1723012	1	Pin
	6	70-1723024	1	Rod
	7	70-1723063	1	Wedge
	8	80-6700370	1	Casing
	9	80-6702291	1	Liner
	10	70-3723024	2	Bush
	11	70-4605308-B	1	Bush
	12	80-1723060	1	Lever
	13	A61-01-014	1	Handle
	14	M6-6gx20.88.35.019 ГОСТ 7798-70	3	Bolt
	15	6T OCT 37.001.115-75	5	Washer
	16	M6-6gx14.88.35.019 ГОСТ 7798-70	2	Bolt
	17	C 6.01.019 ГОСТ 11371-78	2	Washer
	18	C 10.01.019 ГОСТ 11371-78	1	Washer
	19	10 OT OCT 37.001.115-75	7	Washer
	20	M10-6H.6.019 ГОСТ 5915-70	1	Nut
	21	70-1723032	1	Bush
	22	M10-6gx30.88.35.019 ГОСТ 7796-70	6	Bolt
	23	70-1723015	1	Cover
	24	025-030-30-2-2 ГОСТ 18829-73/9833-73	1	Ring
	25	10,0-60 ГОСТ 3722-81	1	Ball
	26	C16 ГОСТ 13940-86	1	Ring

* Mechanical splitter/multiplier control

** Synchronized splitter/multiplier control

Group 17. Gearbox

Table – Equipment of the tractor models

Gearbox designation	Gearbox marking	Availability for the BELARUS tractor model									Figure numbers	Gearbox version description
		900	900.3	920	920.2	920.3	950	952	952.2	952.3		
1021-1700010	1000										17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.15	- synchronized gearbox; - synchronized splitter; - without FDA drive; - with HSR drive; - right two-lever control
1021-1700010-01	1001										17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.15	- synchronized gearbox; - synchronized splitter; - with FDA drive; - with HSR drive; - right two-lever control
1021-1700010-04	1004										17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.15	- synchronized gearbox; - synchronized multiplier; - without FDA drive; - with HSR drive; - right two-lever control
1021-1700010-05	1005										17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.15	- synchronized gearbox; - synchronized multiplier; - with FDA drive; - with HSR drive; - right two-lever control
1021-1700010-07	1007										17.4,17.5, 17.8,17.9, 17.10, 17.11, 17.15	- synchronized gearbox; - synchronized reverse; - with FDA drive; - with HSR drive; - right two-lever control
70-1700010-Б1	70600										17.6,17.7, 17.10, 17.11, 17.12, 17.14	- mechanical gearbox; -mechanical splitter; - without FDA drive; -with HSR drive; - right single-lever control
70-1700010-Б1-01	70601										17.6,17.7, 17.10, 17.11, 17.12, 17.14	- mechanical gearbox; -mechanical multiplier; - without FDA drive; - with HSR drive; - right single-lever control

Group 17. Gearbox
Continuation of the Table – Equipment of the tractor models

Gearbox designation	Gear-box marking	Availability for the BELARUS tractor model									Figure numbers	Gearbox version description
		900	900.3	920	920.2	920.3	950	952	952.2	952.3		
72-1700010-B1	72600										17.6,17.7, 17.10, 17.11, 17.12, 17.14	- mechanical gearbox; - mechanical splitter; - with FDA drive; - with HSR drive; - right single-lever control
72-1700010-B1-01	72601										17.6,17.7, 17.10, 17.11, 17.12, 17.14	- mechanical gearbox; - mechanical multiplier; - with FDA drive; - with HSR drive; - right single-lever control
72-1700010-B1-03	72603										17.4,17.5, 17.6,17.7, 17.10, 17.11, 17.12, 17.14	- mechanical gearbox; - synchronized reverse; - with FDA drive; - with HSR drive; - right single-lever control
72-1700010-B1-07	72607										17.6,17.7, 17.10, 17.11, 17.12, 17.14	- mechanical gearbox; - mechanical splitter; - with FDA drive; - without HSR drive; - right single-lever control
72-1700010-B1-08	72608										17.6,17.7, 17.10, 17.11, 17.12, 17.14	- mechanical gearbox; - synchronized splitter; - with FDA drive; - with HSR drive; - right single-lever control
74-1700010	7400										17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.14	- synchronized gearbox; - synchronized splitter; - without FDA drive; - with HSR drive; - right single-lever control

Group 17. Gearbox

Continuation of the Table – Equipment of the tractor models

Gearbox designation	Gearbox marking	Availability for the BELARUS tractor model									Figure numbers	Gearbox version description
		900	900.3	920	920.2	920.3	950	952	952.2	952.3		
74-1700010-01	7401										17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.14	- synchronized gearbox; - synchronized splitter; - with FDA drive; - with HSR drive; - right single-lever control
74-1700010-03	7403										17.6,17.7, 17.9, 17.10, 17.11, 17.13, 17.14	- synchronized gearbox; - synchronized splitter; - with the top gear lock; - with FDA drive; - with HSR drive; - right single-lever control
74-1700010-04	7404										17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.14	- synchronized gearbox; - synchronized multiplier; - without FDA drive; - with HSR drive; - right single-lever control
74-1700010-05	7405										17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.14	- synchronized gearbox; - synchronized multiplier; - with FDA drive; - with HSR drive; - right single-lever control
74-1700010-06	7406										17.4,17.5, 17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.14	- synchronized gearbox; - synchronized reverse; - without FDA drive; - with HSR drive; - right single-lever control
74-1700010-07	7407										17.4,17.5, 17.6,17.8, 17.9, 17.10, 17.11, 17.13, 17.14	- synchronized gearbox; - synchronized reverse; - with FDA drive; - with HSR drive; - right single-lever control
82-1700010-01	8201										17.6,17.7, 17.10, 17.11, 17.12, 17.15	- mechanical gearbox; - mechanical multiplier; - with FDA drive; - with HSR drive; - right two-lever control

Group 17. Gearbox

Continuation of the Table – Equipment of the tractor models

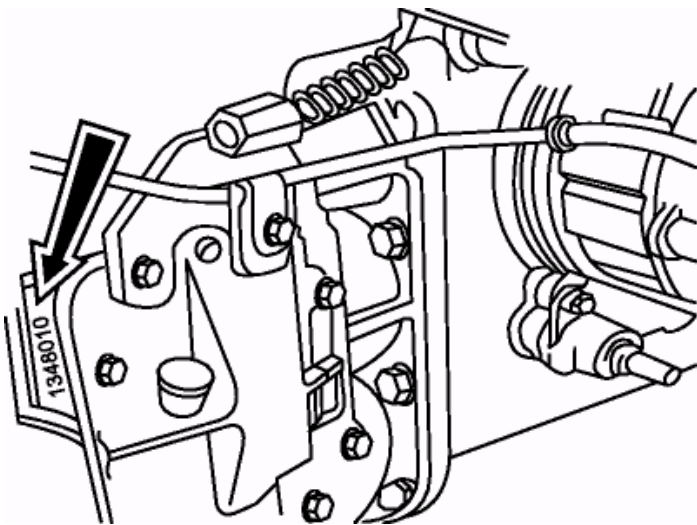
Gearbox designation	Gearbox marking	Availability for the BELARUS tractor model									Figure numbers	Gearbox version description
		900	900.3	920	920.2	920.3	950	952	952.2	952.3		

Note:

The availability of equipment of a BELARUS tractor with this gearbox (GB) for each model of the series is marked with shaded highlighting.

The variant of equipment of a tractor with a particular gearbox is determined defined by the GB version marking made on a pad in the left top corner of the GB casing window as seen in the direction of the tractor motion by the impact method.

(see the figure)



The figure is a technical line drawing of a gearbox casing. On the left side, there is a rectangular pad with the number '1348010' printed vertically on it. A large, bold arrow points to this pad from the left. The drawing shows various mechanical components, including bolts, a spring, and a cable, attached to the casing.

Figure: GB version marking

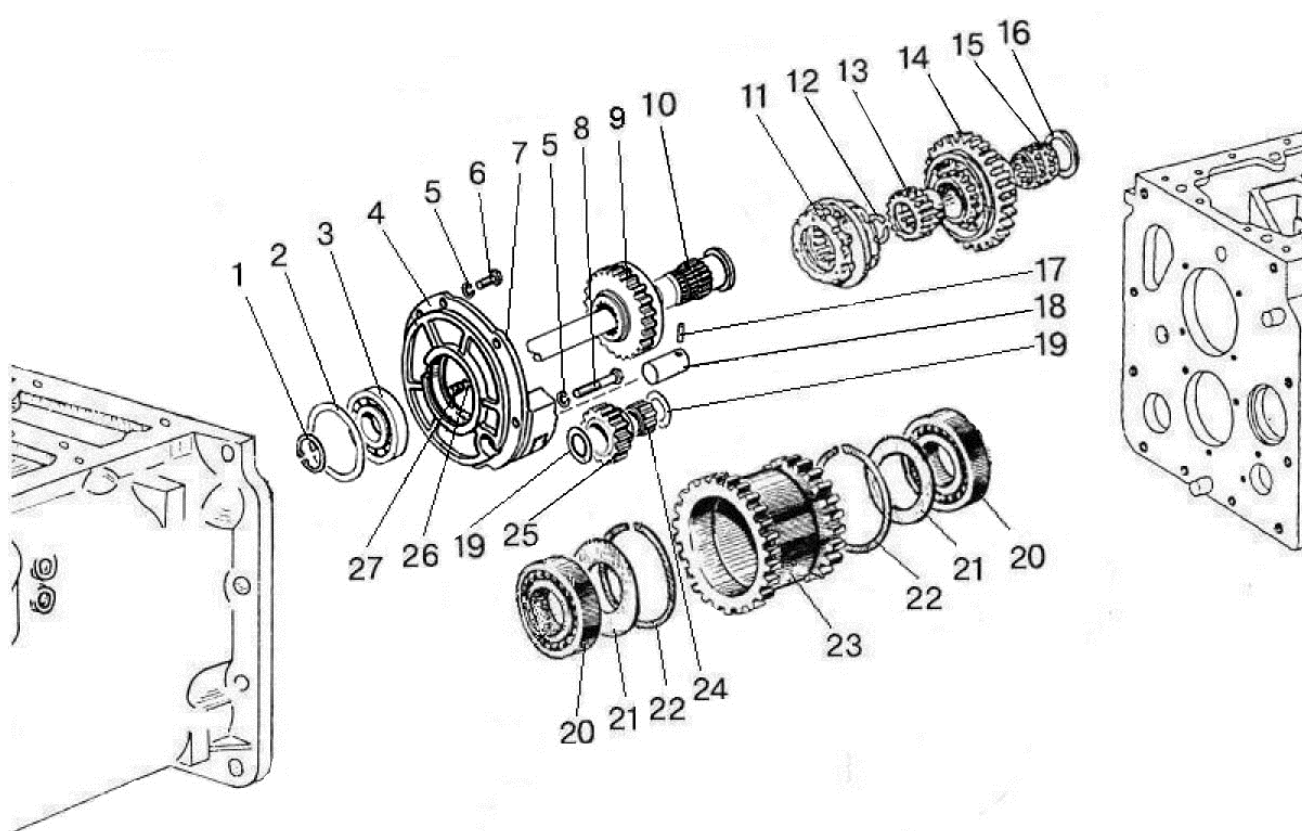


Fig.17.4. Synchronized reverse gear

Group 17. Gearbox
Subgroup 1721. Synchronized reverse gear

Fig. No.	Pos. No.	Designation	72-1700010-B1-03 74-1700010-06/-07 1021-1700010-07	Description
17.4		P70-1721020	1	Clutch shaft (1-4, 7, 9, 10, 18, 19, 24-27)
		50-1721040	1	Gear (20-23)
	1	2C55 ГОСТ 13940-86	1	Ring
	2	2C100 ГОСТ 13941-86	1	Ring
	3	211AYШ1 ГОСТ 8338-75	1	Bearing
	4	74-1721023	4*	Gasket 0.5 mm
		74-1721023-01	4*	Gasket 0.2 mm
	5	10 OT OCT 37.001.115-75	4	Washer
	6	M10-6gx25.88.35.019 ГОСТ 7796-70	3	Bolt
	7	P70-1721022	1	Bearing cap
	8	M10-6gx75.88.35.019 ГОСТ 7796-70	1	Bolt
	9	P70-1721090	1	Gear
	10	74-1721113	1	Shaft
	11	74-1701060-A	1	Synchronizer
	12	C40 ГОСТ 13940-86	1	Ring
	13	74-1721028	1	Bush
	14	74-1721080-01	1	Gear
	15	3KK50x57x36E ТУ РБ 00234873.003-99	1	Bearing
	16	74-1701026	1	Ring
	17	70-1723012	1	Pin
	18	P70-1721023	1	Shaft
	19	P70-1721021	2	Ring
	20	212AYШ1 ГОСТ 8338-75	2	Bearing
	21	70-1721318	2	Washer
	22	2C110 ГОСТ 13941-86	2	Ring
	23	50-1721041	1	Gear
	24	864906E ТУ РБ 00234873.003-99	1	Roller bearing
	25	P70-1721024	1	Gear
	26	12-12-306	1	Ring
	27	52-2308094	1	Pin

* Maximum quantity. Selection

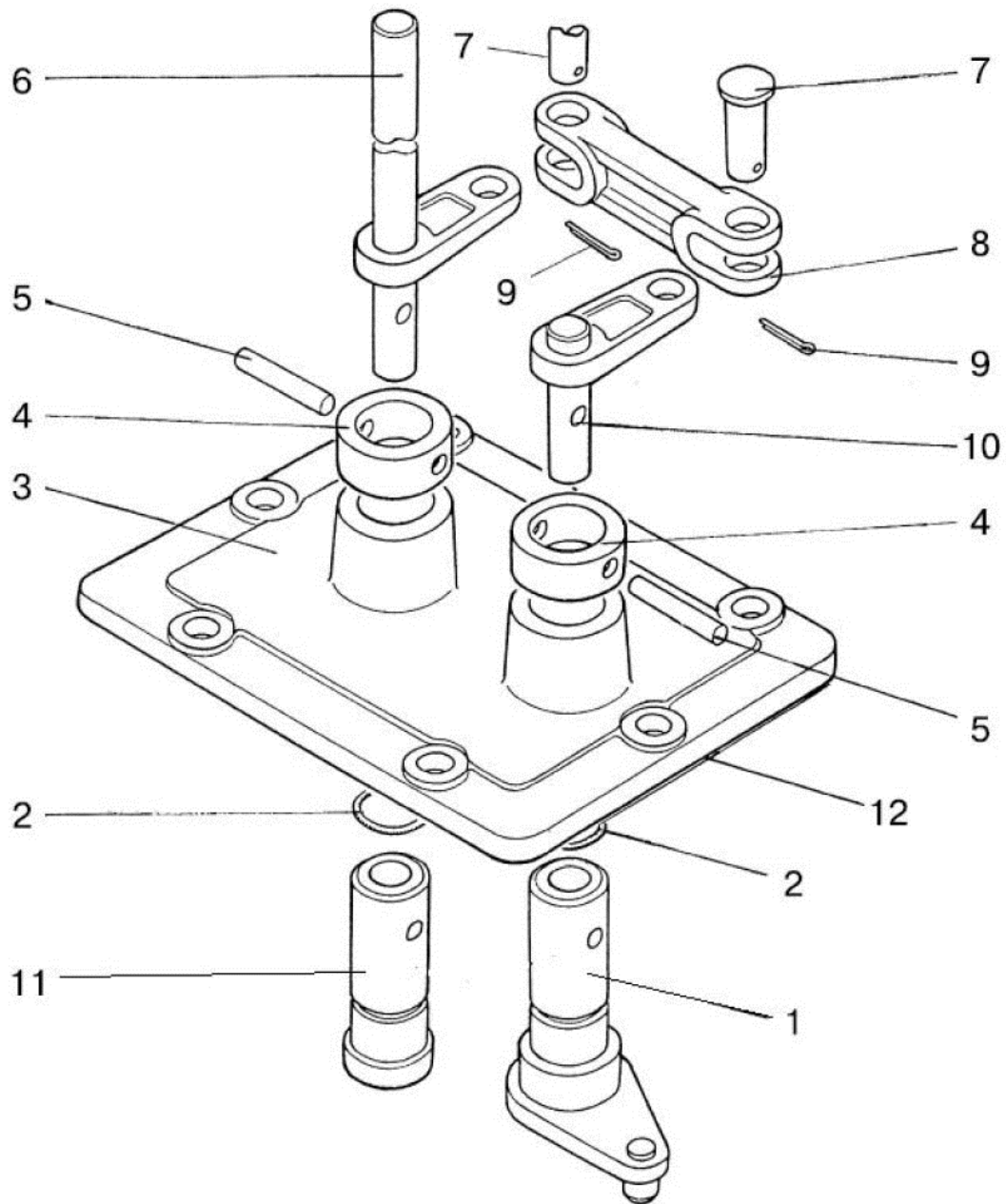


Fig.17.5. Synchronized reverse gear control

Group 17. Gearbox
Subgroup 1723. Synchronized reverse gear control

Fig. No.	Pos. No.	Designation	72-1700010-B1-03 74-1700010-06/-07 1021-1700010-07	Description
17.5		P70-1723010	1	Cover (1-11)
		P70-1723065*	1	Lever
	1	74-1723140	1	Lever
	2	020-025-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	3	P70-1723015	1	Cover
	4	70-1723032	2	Bush
	5	70-1723012	2	Pin
	6	P70-1723030	1	Lever
	7	10x28 OCT 37.001.163-75	2	Pin
	8	P70-1723013	1	Slat
	9	3,2x18.019 ГОСТ 397-79	2	Cotter pin
	10	P70-1723020	1	Shaft
	11	P70-1723011	1	Lever axle
	12	50-1601347	1	Gasket

* Consists of the control lever P70-1723060 (not shown) and parts 7, 13, 18-20 Fig. 17.3.

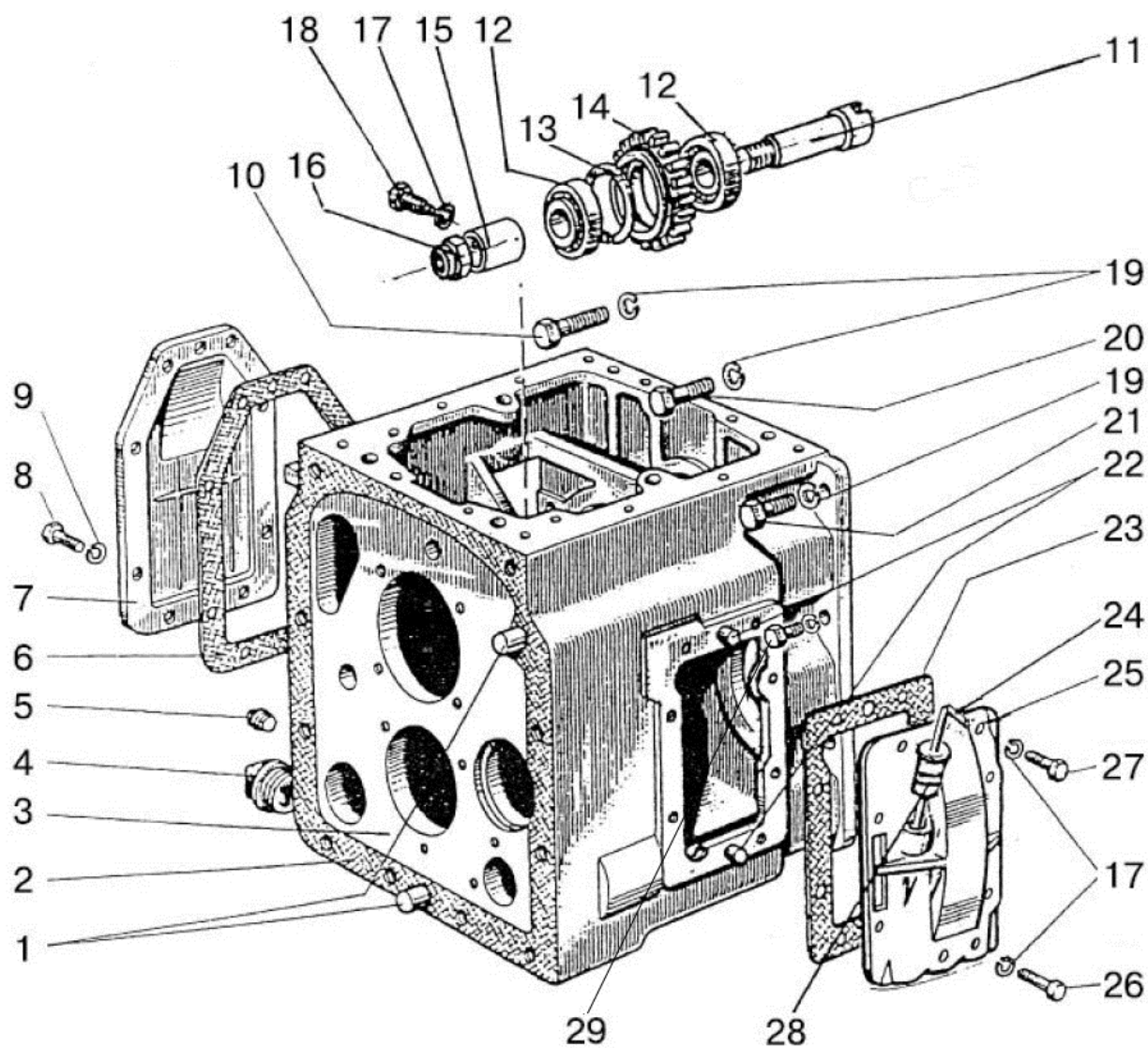


Fig.17.6. Gearbox casing. FDA drive.

Group 17. Gearbox
Subgroup 1701. Gearbox casing. FDA drive.

Fig. No.	Pos. No.	Designation	70-1700010-B1/-01	72-1700010-B1/-01/-03/-07/-08	74-1700010/-04/-06 1021-1700010/-04	74-1700010-01/-03/-05/-07 1021-1700010-01/-05/-07	Description
17.6		52-1802095-B	-	1	-	1	Gear (11-16)
	1	50-4605027	2	2	2	2	Pin
	2	50-1701026	1	1	1	1	Gasket
	3	50-1701025-A	1	1	-	-	Gearbox casing
		50-1701025-A-01	-	-	1	1	Gearbox casing
	4	70-1701300	1	1	1	1	Plug
	5	ПК КГ 3/8"	1	1	1	1	Plug
	6	50-1701459	1	1	1	1	Gasket
	7	50-1701458	1	-	1	-	Cover
	8	M10-6gx35.88.35.019 ГОСТ 7796-70	8	8	8	8	Bolt
	9	10 ОТ OCT 37.001.115-75	8	8	8	8	Washer
	10	M16-6gx100.88.35.019 ГОСТ 7795-70	2	2	2	2	Bolt
	11	52-1802094	-	1	-	1	Shaft
	12	7306A ГОСТ 27365-87	-	2	-	2	Bearing
	13	52-1802097-A	-	1	-	1	Ring
	14	52-1802091	-	1	-	1	Gear
	15	52-1802092-B	-	1	-	1	Bush
	16	52-1802128	-	1	-	1	Nut
	17	12 ОТ OCT 37.001.115-75	7	8	7	8	Washer
	18	52-1802093	-	1	-	1	Screw
	19	16 ОТ OCT 37.001.115-75	11	11	11	11	Washer
	20	M16-6gx60.88.35.019 ГОСТ 7795-70	2	2	2	2	Bolt
	21	M16-6gx50.88.35.019 ГОСТ 7796-70	2	2	2	2	Bolt
	22	Д01-015	2	4	2	4	Setting pin
	23	50-1701456-A	1	1	1	1	Gasket
	24*	70-1701415-A	1	1	1	1	Oil gauge
	25*	70-1701454-A2	1	1	1	1	Cover
	26	M12-6gx35.88.35.019 ГОСТ 7796-70	5	5	5	5	Bolt
	27	M12-6gx35.88.35.019 ГОСТ 7796-70	2	2	2	2	Bolt
	28	011-015-25-2-4 ГОСТ 18829-73/ ГОСТ 9833-73	2	2	2	2	Ring
	29	M16-6g x55.88.35.019 ГОСТ 7796-70	5	5	5	5	Bolt

* Not installed on the tractors equipped with speed reducer or hydraulic speed reducer

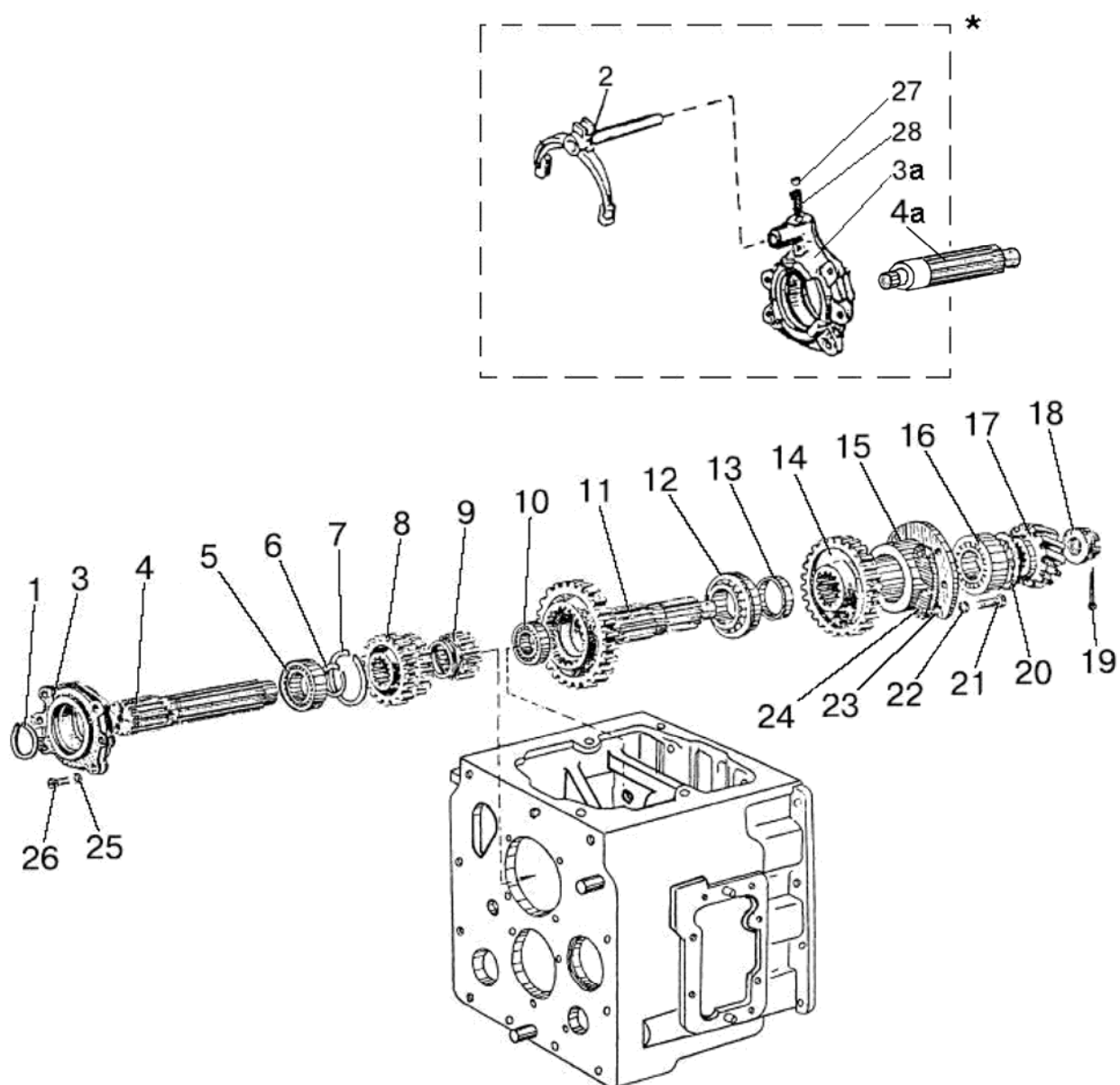


Fig.17.7. Input and output shafts of the mechanical gearbox

Group 17. Gearbox
Subgroup 1701. Input and output shafts of the mechanical gearbox

Fig. No.	Pos. No.	Designation	70-1700010-B1/-01 72-1700010-B1/-01/-07/	72-1700010-B1-03/-08	Description
17.7		48-1701030-A	1	-	Input shaft (1, 3, 4, 5-9)
		822-1701030	-	1	Input shaft (3a, 4a, 5-9)
		50-1701040	1	1	Output shaft (10-13)
	1	2C60 ГОСТ 13940-86	1	1	Ring
	2	74-1723020-B	-	1	Fork
	3	50-1701034	1	-	Cage
	3a	74-1701034-B	-	1	Cage
	4	48-1701032-A	1	-	Input shaft
	4a	P70-1701032	-	1	Input shaft
	5	210AYШ1 ГОСТ 8338-75	1	1	Bearing
	6	2C50 ГОСТ 13940-86	1	2	Ring
	7	2C90 ГОСТ 13941-86	1	1	Ring
	8	50-1701048-A	1	1	Gear
	9	50-1701045	1	1	Gear
	10	208A ГОСТ 8338-75	1	1	Bearing
	11	50-1701252	1	1	Output shaft
	12	6-67512 АШ2 ГОСТ 27365-87	1	1	Bearing
	13	50-1701312	1	1	Bush
	14	50-1701314	1	1	Gear
	15	50-1701255	1	1	Cage
	16	6-7610 АШ2 ГОСТ 27365-87	1	1	Bearing
	17	50-1701105-B	1	1	Gear
	18	50-1701253	1	1	Nut
	19	5x45.019 ГОСТ 397-79	1	1	Cotter pin
	20	50-1701254-A	1	1	Washer
	21	M12-6g x35.88.35.019 ГОСТ 7796-70	4	4	Bolt
	22	12 OT OCT 37.001.115-75	4	4	Washer
	23	50-1701258	8*	8*	Gasket 0.2 mm
	24	50-1701259	2*	2*	Gasket 0.5 mm
	25	10 OT OCT 37.001.115-75	4	4	Washer
	26	M10-6g x25.88.35.019 ГОСТ 7796-70	4	4	Bolt
	27	10,0-60 ГОСТ 3722-81	-	1	Ball
	28	50-1701184-A	-	1	Spring

* Maximum quantity. Selection

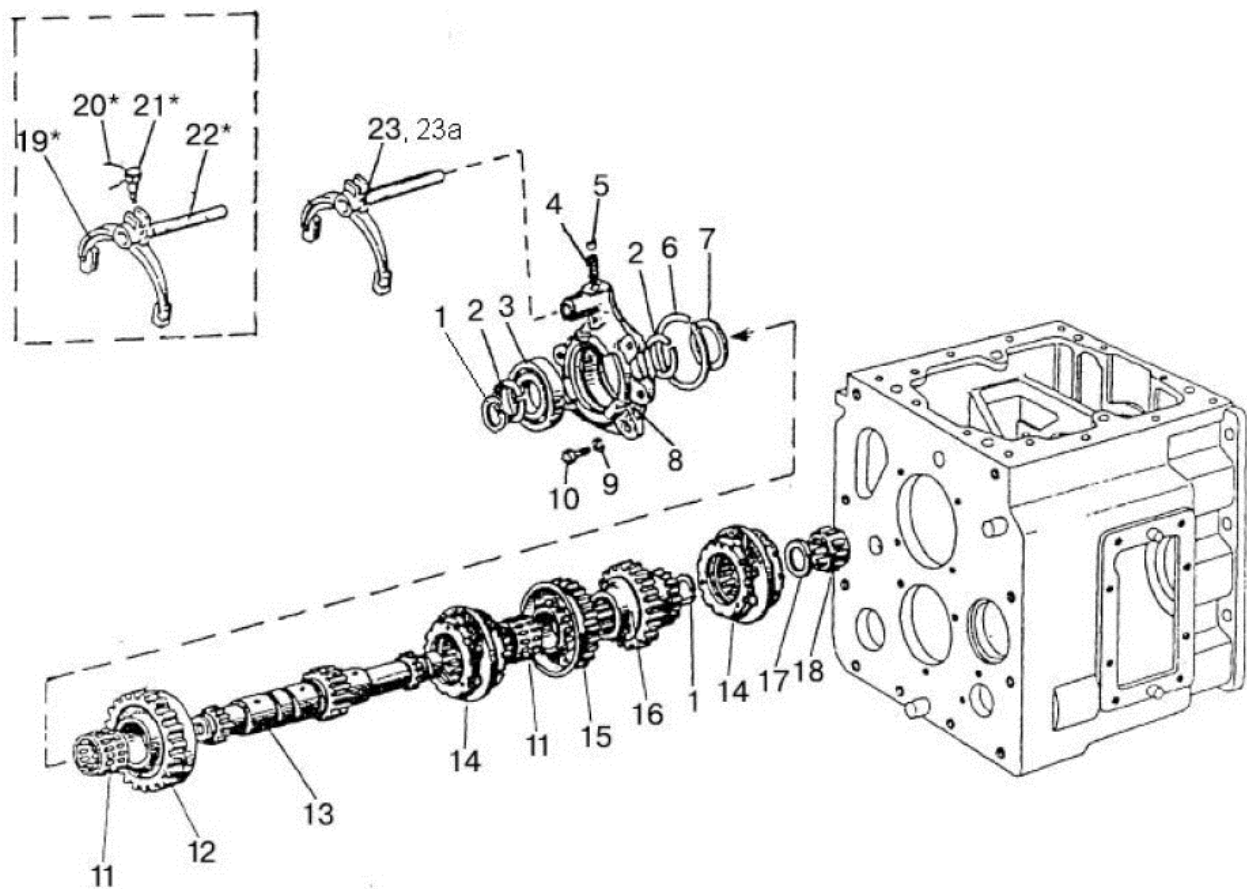


Fig.17.8. Input shaft of the synchronized gearbox

Group 17. Gearbox
Subgroup 1701. Input shaft of the synchronized gearbox

Fig. No.	Pos. No.	Designation	74-1700010/-01 1021-1700010/-01	74-1700010-03/-06/-07 1021-1700010-07	74-1700010-04/-05 1021-1700010-04/-05	Description
17.8		74-1701030	1	1	1	Input shaft (1-3, 6-8, 11-18)
		74-1723020-Б1	-	-	1	Fork (19-22)
	1	C40 ГОСТ 13940-86	2	2	2	Ring
	2	2C50 ГОСТ 13940-	2	2	2	Ring
	3	210 АУШ1 ГОСТ 8338-75	1	1	1	Bearing
	4	50-1702148-A	1	1	1	Spring
	5	10,0-60 ГОСТ 3722-81	1	1	1	Ball
	6	2C90 ГОСТ 13941-86	1	1	1	Ring
	7	74-1701026	1	1	1	Washer
	8	74-1701034-Б	1	1	1	Cage
	9	10 ОТ OCT 37.001.115-75	4	4	4	Washer
	10	M10-6gx25.88.35.019 ГОСТ 7796-70	4	4	4	Bolt
	11	3KK50x57x36 ТУ РБ 00234873.003-99	2	2	2	Bearing
	12	74-1701110	1	1	1	Gear
	13	74-1701032	1	1	1	Shaft
	14	74-1701060-A	2	2	2	Synchronizer
	15	74-1701100	1	1	1	Gear
	16	74-1701045	1	1	1	Gear
	17	74-1701029	1	1	1	Ring
	18	822707Д	1	1	1	Bearing
	19	74-1723043-Б	-	-	1	Fork
	20	1,6-О-С ГОСТ 3282-74	-	-	1	Wire (L=200 mm)
	21	220-1702061	-	-	1	Bolt
	22	74-1723044-Б1	-	-	1	Roller
	23	74-1723020-Б	1	-	-	Fork
	23a	74-1723020-Б-01	-	1	-	Fork

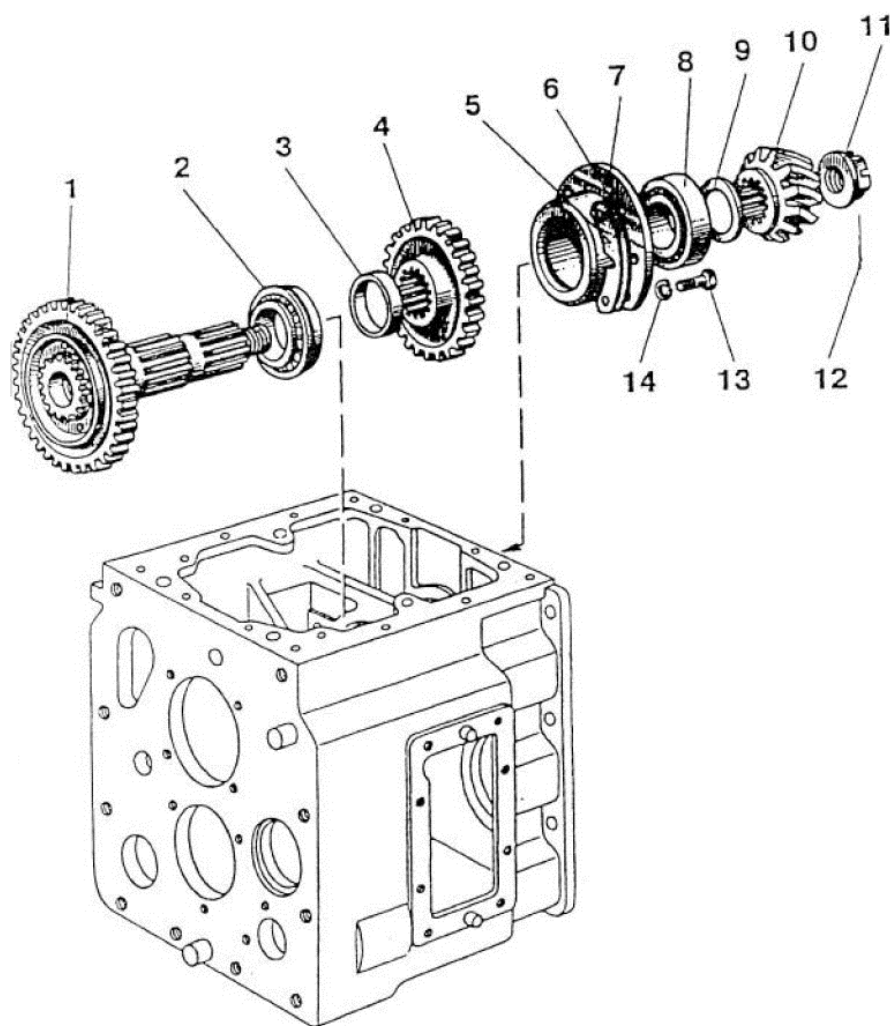


Fig.17.9. Output shaft of the synchronized gearbox

Group 17. Gearbox
Subgroup 1701. Output shaft of the synchronized gearbox

Fig. No.	Pos. No.	Designation	74-1700010/-01/-03/ -04/-05/-06/-07 1021-1700010/-01/-04/ -05/-07	Description
17.9	1	74-1701260	1	Output shaft
	2	6-67512 АШ2 ГОСТ 27365-87	1	Bearing
	3	50-1701312	1	Bush
	4	50-1701314	1	Gear
	5	50-1701258	10*	Gasket 0.2 mm
	6	50-1701259	6*	Gasket 0.5 mm
	7	50-1701255	1	Cage
	8	6-7610 АШ2 ГОСТ 27365-87	1	Bearing
	9	50-1701254-A	1	Washer
	10	50-1701105-Б**	1	Gear
	11	50-1701253	1	Nut
	12	5x45.019 ГОСТ 397-79	1	Cotter pin
	13	M12-6g x35.88.35.019 ГОСТ 7796-70	4	Bolt
	14	120T OCT 37.001.115-75	4	Washer

* Maximum quantity. Selection

** The gear 50-1701105-Б is only delivered as a spare part complete with gear 50-2403021-Б

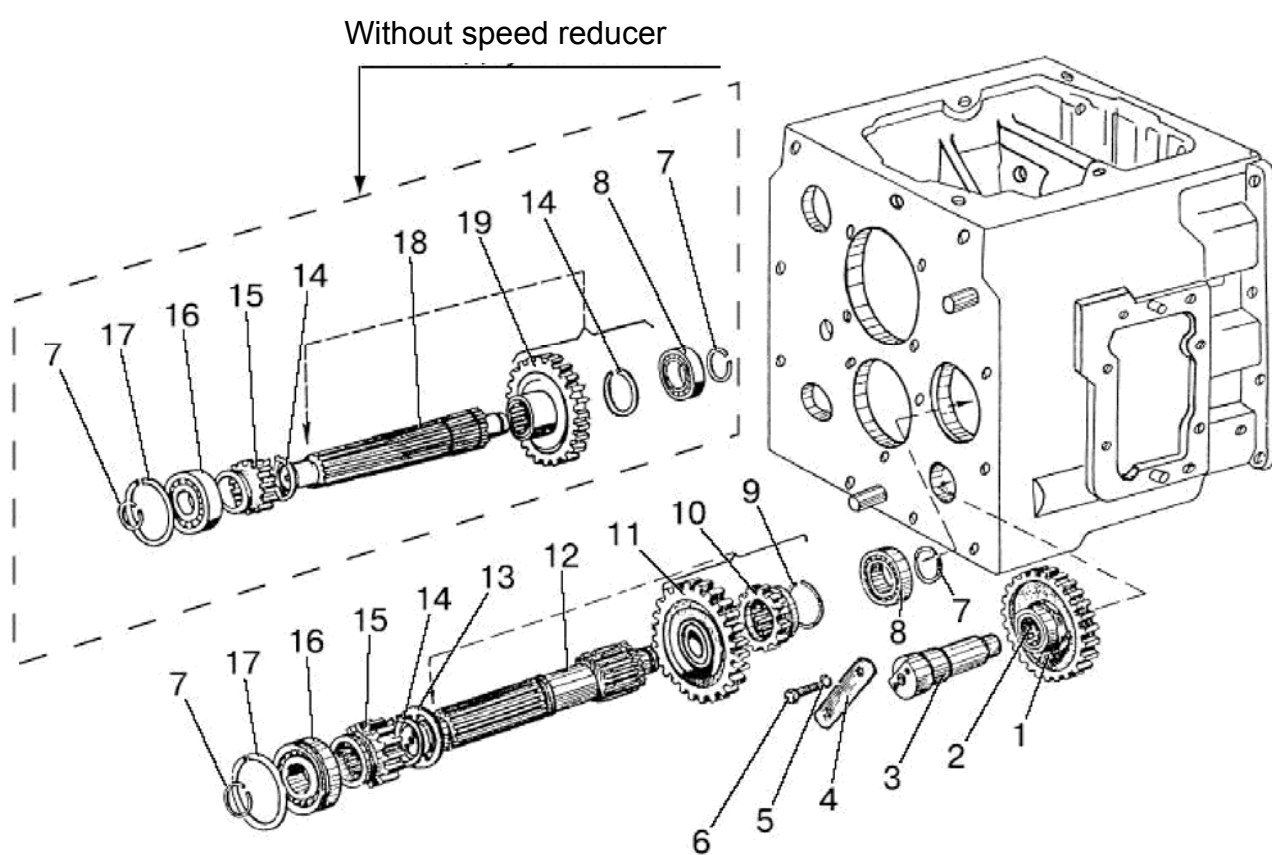


Fig.17.10. Shaft of the first gear and reverse

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

Fig. No.	Pos. No.	Designation	72-1700010-B1-03	72-1700010-B1-07	70-1700010-B1/-01 72-1700010-B1/-01/-08 74-1700010/-01/-03/-04/-05/-06/-07 1021-1700010/-01/-04/-05/-07	Description
17.10		70-1701080	-	1	1	Gear (1, 2)
		50-1701380-A	-	1	-	Shaft of the first gear and reverse (7-9, 14-19)
		70-1701380	1	-	1	Shaft of the first gear and reverse (7-17)
	1	70-1701082	-	1	1	Gear
	2	3KK30x35x46E ТУ РБ 00234873.003-99	-	1	1	Bearing
	3	50-1701434-A	-	1	1	Shaft
	4	50-1702082-A	1	1	1	Slat
	5	10 ОТ OCT 37.001.115-75	2	2	2	Washer
	6	M10-6g x25.88.35.019 ГОСТ 7796-70	2	2	2	Slat
	7	XЧМ-1701163	2	2	2	Ring
	8	208A ГОСТ 8338-75	1	1	1	Bearing
	9	2C65 ГОСТ 13940-86	1	1	1	Ring
	10	70-1701072	1	-	1	Gear
	11	70-1701224	1	-	1	Gear
	12	70-1701382	1	-	1	Shaft of the first gear and reverse
	13	70-1701226	1	-	1	Washer
	14	2C50 ГОСТ 13940-86	1	2	1	Ring
	15	50-1701212-A	1	1	1	Gear
	16	50308A ГОСТ 8338-75/ ГОСТ 2893-82	1	1	1	Bearing
	17	90 ГОСТ 2893-82	1	1	1	Ring
	18	50-1701382-A	-	1	-	Shaft of the first gear and reverse
	19	Φ50-1701224	-	1	-	Gear

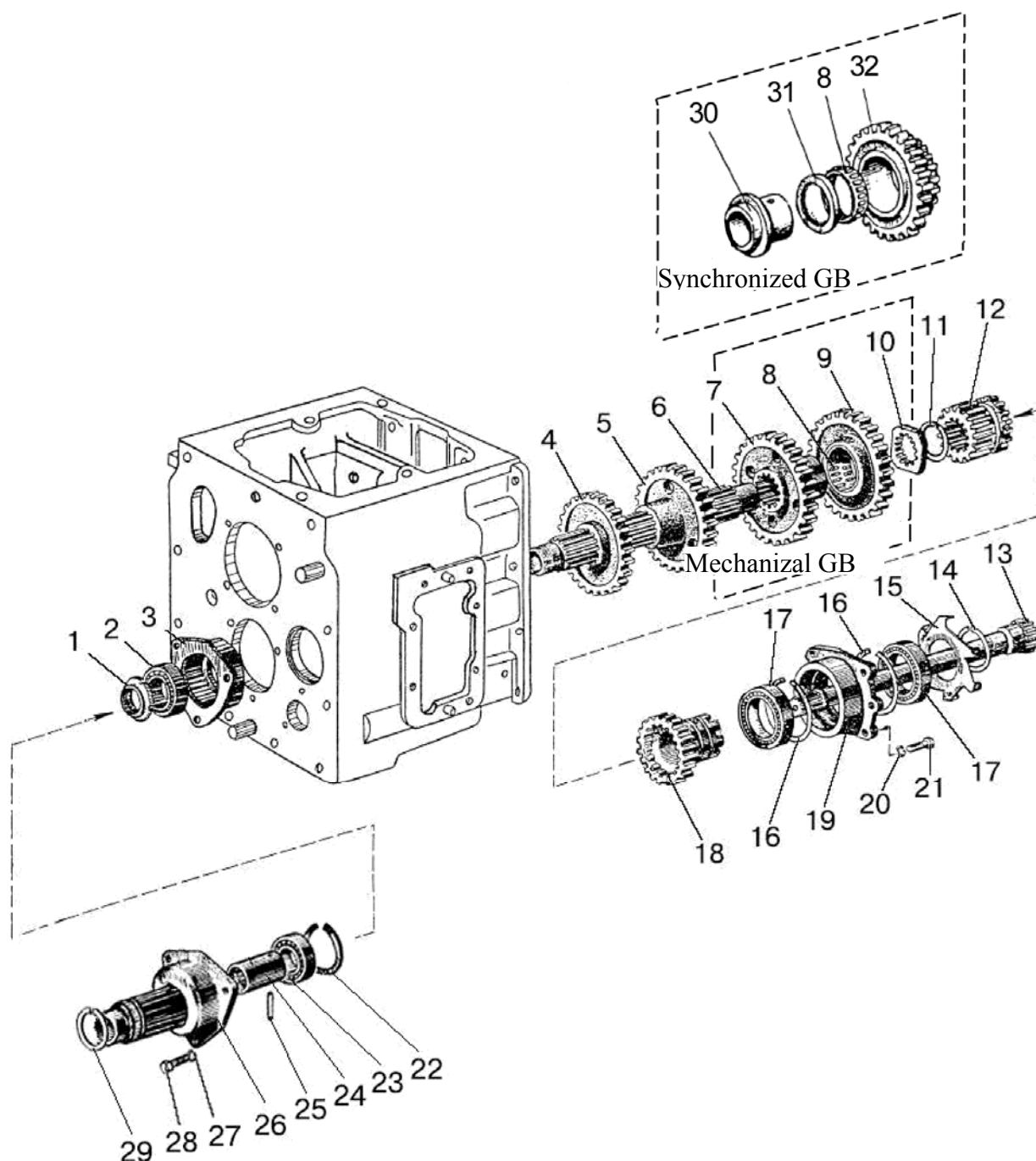


Fig.17.11. Intermediate shaft. Internal shaft.

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

Fig. No.	Pos. No.	Designation	70-1700010-Б1/-01 72-1700010-Б1/-01/-07/-08	72-1700010-Б1-03	74-1700010/-01/-03/-04/-05/-06/-07 1021-1700010/-01/-04/-05/-07	Description
17.11		Φ50-1701065*	1	1	-	Gear (7-10)
		74-1701070*	-	-	1	Gear (8, 30-32)
		50-1701190-A	1	1	1	Gear (14-19)
	1	50-1701181	1	1	1	Nut
	2	60210AYШ1 ГОСТ 7242-81	1	1	1	Bearing
	3	50-1701184	1	1	1	Bearing housing
	4	50-1701218	1	1	1	Gear
	5	50-1701216	1	1	1	Gear
	6	70-1701182-Б	1	-	-	Intermediate shaft
		70-1701182-Б-01	-	1	1	Intermediate shaft
	7	50-1701214	1	1	-	Gear
	8	3KK72x82x45E ТУ РБ 00234873.003-99	1	1	1	Bearing
	9	Φ50-1701056-Б	1	1	-	Gear
	10	50-1701183	1	1	1	Washer
	11	50-1701187	1	1	1	Stop
	12	70-1701196	1	1	1	Gear
	13	50-1701185	1	1	1	Internal shaft
	14	2C75 ГОСТ 13940-86	1	1	1	Ring
	15	50-1701401	1	1	1	Impeller
	16	2C115 ГОСТ 13941-86	1	1	2	Ring
	17	6-12115ЕМУШ1 ГОСТ 8328-75	1	1	2	Bearing
	18	50-1701198-A	1	1	1	Gear
	19	50-1701195	1	1	1	Cage
	20	12 OT OCT 37.001.115-75	1	1	4	Washer
	21	M12-6g x35.88.35.019 ГОСТ 7796-70	4	4	4	Bolt
	22	2C80 ГОСТ 13941-86	1	1	1	Ring
	23	307A ГОСТ 8338-75	1	1	1	Bearing
	24	50-1701188	1	1	1	Bush
	25	A.8x45.65Г ГОСТ 14229-93	1	1	1	Spring pin
	26	70-1701186	1	1	1	Front housing
	27	10 OT OCT 37.001.115-75	1	1	3	Washer
	28	M10-6g x35.88.35.019 ГОСТ 7796-70	3	3	3	Bolt
	29	2C60 ГОСТ 13940-86	1	1	1	Ring
	30	74-1701055-Б	-	-	1	Bush
	31	74-1701057-Б	-	-	1	Bush
	32	74-1701056-Б	-	-	1	Gear

* For ordering as spare parts

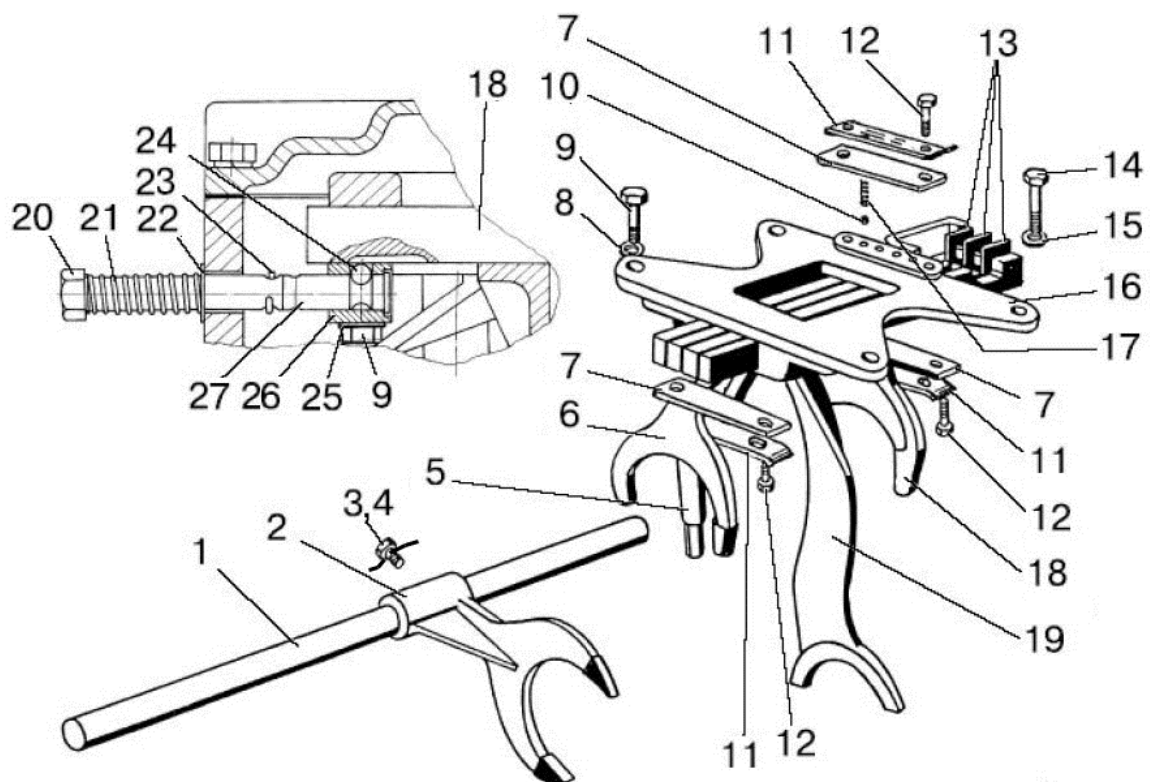


Fig.17.12. Mechanical gearbox control mechanism. Fork body.

Group 17. Gearbox
Subgroup 1702. Mechanical gearbox control mechanism. Fork body.

Fig. No.	Pos. No.	Designation	70-1700010-B1/-01 72-1700010-B1/-01/ -03/-07/-08 GB 70/72-1700010-B1-02 with limiting the maxi- mum speed (optional)	82-1700010-01	Description
17.12		50-1702080-A	1	-	Fork body (5-13, 16-19)
		50-1702080-A-01	-	1	Fork body (5-13, 16-27)
		822-1702080	-	-	1 Fork body (5-13, 16-19)
	1	50-1702063	1	1	Roller
	2	50-1702028	1	1	Fork
	3	36-1702110	1	1	Screw
	4	1,6-O-C ГОСТ 3282-74	1	1	Wire (L=200 mm)
	5	50-1702095-A1	1	1	- Arm
		922-1702095	-	-	1 Arm
	6	50-1702116	1	1	Fork of the 4th and 5th gears
	7	50-1702081	3	2	3 Slat of the forks
	8	10OT OCT 37.001.115-75	2	2	2 Washer
	9	M10-6g x35.88.35.019 ГОСТ 7796-70	2	2	2 Bolt
	10	10,0-60 ГОСТ 3722-81	4	4	4 Ball
	11	50-1702107-A	3	2	3 Tightening plate
	12	M10-6g x25.88.35.019 ГОСТ 7796-70	6	6	6 Bolt
	13	50-1702083	3	3	3 Locking slat
	14	50-1702092	2	2	2 Bolt
	15	12OT OCT 37.001.115-75	2	2	2 Washer
	16	50-1702085	1	1	1 Fork body
	17	50-1702148-A	4	4	4 Spring
	18	50-1702096	1	1	1 Fork of the 3rd and 6th gears
	19	74-1702086	1	1	1 Fork of the first gear and re-verse
	20	70-1702073	-	1	- Rod
	21	70-1702077	-	1	- Spring
	22	70-4605163	-	1	- Washer
	23	2x20 ГОСТ 397-79	-	1	- Cotter pin
	24	7,938-100 ГОСТ 3722-81	-	1	- Ball
	25	50-1702107	-	2	- Retaining washer
	26	70-1702072	-	1	- Bracket
	27	70-1702071	-	1	- Rod

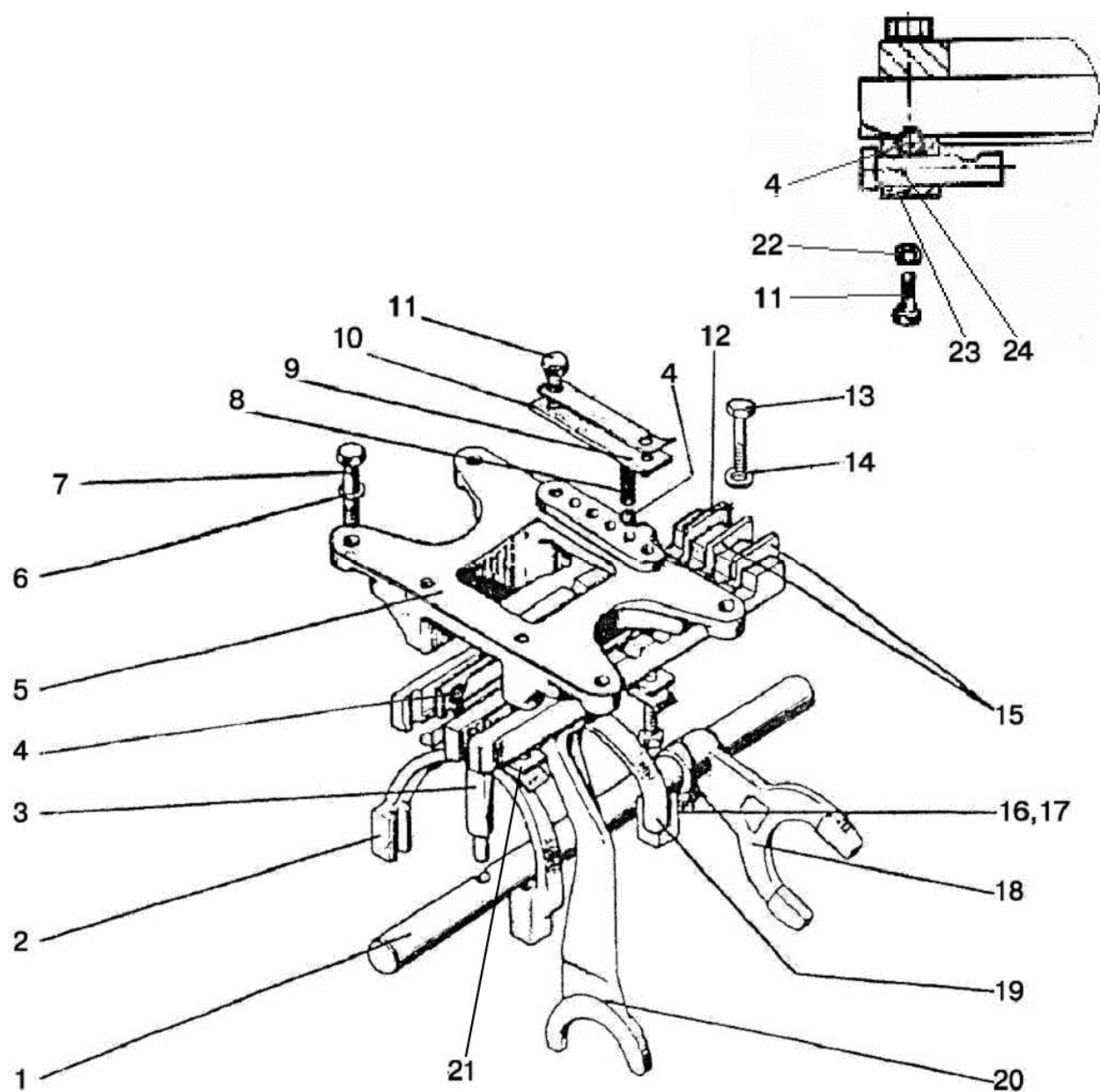


Fig.17.13. Synchronized gearbox control mechanism. Fork body.

Group 17. Gearbox
Subgroup 1702. Synchronized gearbox control mechanism. Fork body.

Fig. No.	Pos. No.	Designation	1021-1700010/-01/-04/-05	1021-1700010-07	74-1700010/-01/-04/-05	74-1700010-03	74-1700010-06/-07	Description
17.13		922-1702080	1	-	-	-	-	Fork body (2-5, 8-13, 15, 19-21)
		922-1702080-02	-	1	-	-	-	Fork body (2-5, 8-13, 15, 19-20, 22-24)
		74-1702080	-	-	1	-	-	Fork body (2-5, 8-12, 15, 19, 20)
		74-1702080-01	-	-	-	1	-	Fork body (2-5, 8-12, 15, 19, 20, 22-24)
		74-1702080-02	-	-	-	-	1	Fork body (2-5, 8-12, 15, 19, 20, 22-24)
	1	50-1702063	1	1	1	1	1	Roller
	2	74-1702096	1	1	1	1	1	Fork of the 4 th (direct) gear
	3	922-1702095	1	1	-	-	-	Arm
		74-1702095	-	-	1	1	1	Arm
	4	10,0-60 ГОСТ 3722-81	5	6	5	6	6	Ball
	5	50-1702085	1	1	1	1	1	Fork body
	6	10 OT OCT 37.001.115-75	2	2	2	2	2	Washer
	7	M10-6g x30.88.35.019 ГОСТ 7796-70	2	2	2	2	2	Bolt
	8	50-1702148-A	4	4	4	4	4	Spring
	9	50-1702081	2	2	3	2	2	Slat of the forks
	10	50-1702107-A	3	2	3	2	2	Tightening plate
	11	M10-6g x25.88.35.019 ГОСТ 7796-70	6	6	6	6	6	Bolt
	12	74-1702040	1	1	1	1	1	Slat
	13	50-1702092	2	2	2	2	2	Bolt
	14	12OT OCT 37.001.115-75	2	2	2	2	2	Washer
	15	50-1702083	2	2	2	2	2	Locking slat
	16	36-1702110	1	1	1	1	1	Screw
	17	1,6-O-C ГОСТ 3282-74	1	1	1	1	1	Wire (L=200 mm)
	18	50-1702028	1	1	1	1	1	Fork
	19	74-1702116	1	1	1	1	1	Fork of 2 nd and 3 rd gears
	20	74-1702086	1	1	1	1	1	Fork of the first gear and reverse
	21	74-1702081	1	-	-	-	-	Slat
	22	50-1702107	-	2	-	2	2	Retaining washer
	23	74-1702201	-	1	-	1	1	Casing
	24	74-1702202	-	-	-	1	-	Arm
		74-1702202-01	-	1	-	-	1	Arm

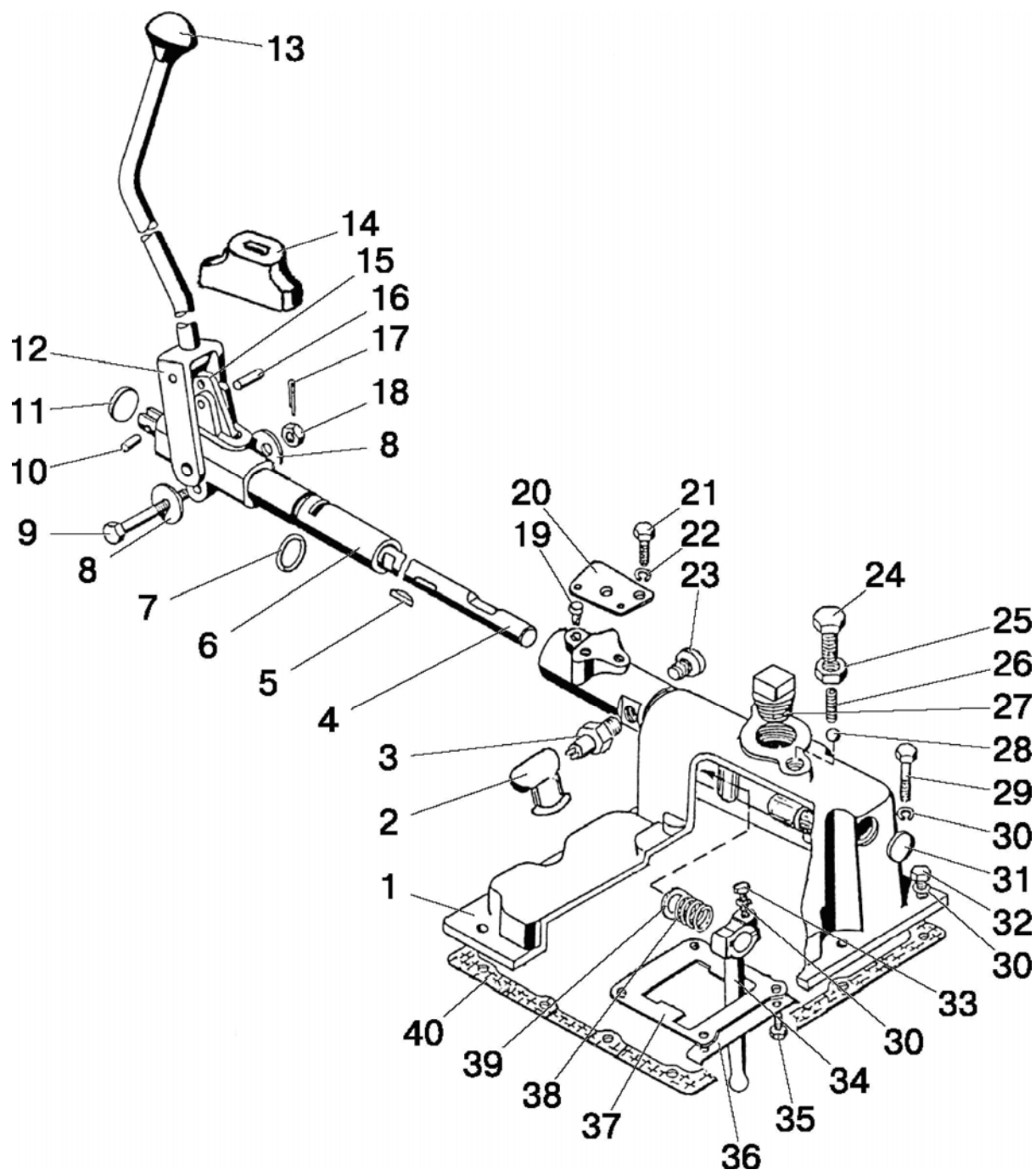


Fig.17.14. Right single-lever gearbox control mechanism.

Group 17. Gearbox
Subgroup 1703. Right single-lever gearbox control mechanism.

Fig. No.	Pos. No.	Designation	70-1700010-B1/-01 72-1700010-B1	72-1700010-B1-01/ -03/-07/-08	74-1700010/ -04/-06	74-1700010-01/ -03/-05/-07	Description
17.14		70-1703010-A1	1	-	-	-	Gearbox cover (1-39)
		70-1703010-A1-01	-	1	-	-	Gearbox cover (1-39)
		70-1703010-A1-02	-	-	1	-	Gearbox cover (1-39)
		70-1703010-A1-03	-	-	-	1	Gearbox cover (1-39)
	1	70-1703025-Б	1	1	1	1	Cover
	2	50Л-3724050	1	1	1	1	Boot
	3	БК 12-51 ТУ РБ 37334210.015-97	1	1	1	1	Switch
	4	70-1703201-Б-01	1	1	1	1	Shaft
	5	СШ-611	1	1	1	1	Key
	6	70-1703210-Б	1	1	1	1	Support
	7	030-034-25-1-4 ГОСТ 18829-73/9833-73	1	1	1	1	Ring
	8	С12.01.019 ГОСТ 6958-78	2	2	2	2	Washer
	9	50-2403034-01	1	1	1	1	Bolt
	10	ШЦК 8x20	1	1	1	1	Pin
	11	35-10кп.Ц9.Хр ГОСТ 3111-81	1	1	1	1	Choke
	12	70-1703220-A	1	1	1	1	Lever
	13	70-1702125	1	1	1	1	Handle
	14	70-1703203-A	1	1	1	1	Boot
	15	70-1703202-A	1	1	1	1	Arm
	16	ШЦК 8x25	1	1	1	1	Pin
	17	3,2x25.019 ГОСТ 397-79	1	1	1	1	Cotter pin
	18	M12-6H.04.019 ГОСТ 5919-73	1	1	1	1	Nut
	19	70-1703205	1	1	1	1	Stop
	20	80-3503048	1	-	1	-	Bracket
		952-1802030	-	1	-	1	Bracket
	21	M12-6g x20.88.35.019 ГОСТ 7796-70	2	2	2	2	Bolt
	22	12 ОТ ОСТ 37.001.115-75	2	2	2	2	Washer
	23	70-1702053	1	1	1	1	Plug
	24	70-1703204	1	1	1	1	Bolt
	25	M16-6H.04.019 ГОСТ 5916-70	1	1	1	1	Nut
	26	50-1702148-A	1	1	1	1	Spring
	27	ПК КГ 11/4"	1	1	1	1	Plug
	28	13,8-60	1	1	1	1	Ball
	29	M10-6g x60.88.35.019 ГОСТ 7795-70	2	2	2	2	Bolt
	30	10 ОТ ОСТ 37.001.115-75	13	13	13	13	Washer
	31	28-10кп.Ц9.хр ГОСТ 3111-81	1	1	1	1	Choke
	32	M10-6g x35.88.35.019 ГОСТ 7796-70	10	10	10	10	Bolt
	33	M10-6g x30.88.35.019 ГОСТ 7796-70	1	1	1	1	Bolt
	34	70-1703011	1	1	1	1	Lever
	35	M10-6g x18.88.35.019 ГОСТ 7796-70	4	4	4	4	Bolt
	36	50-1702107-A	2	2	2	2	Tightening plate
	37	70-1703084	1	1	-	-	Plate
		74-1702084	-	-	1	1	Plate
	38	70-1703057	1	1	1	1	Spring
	39	70-1703058	1	1	1	1	Washer
	40	50-1702026	1	1	1	1	Gasket

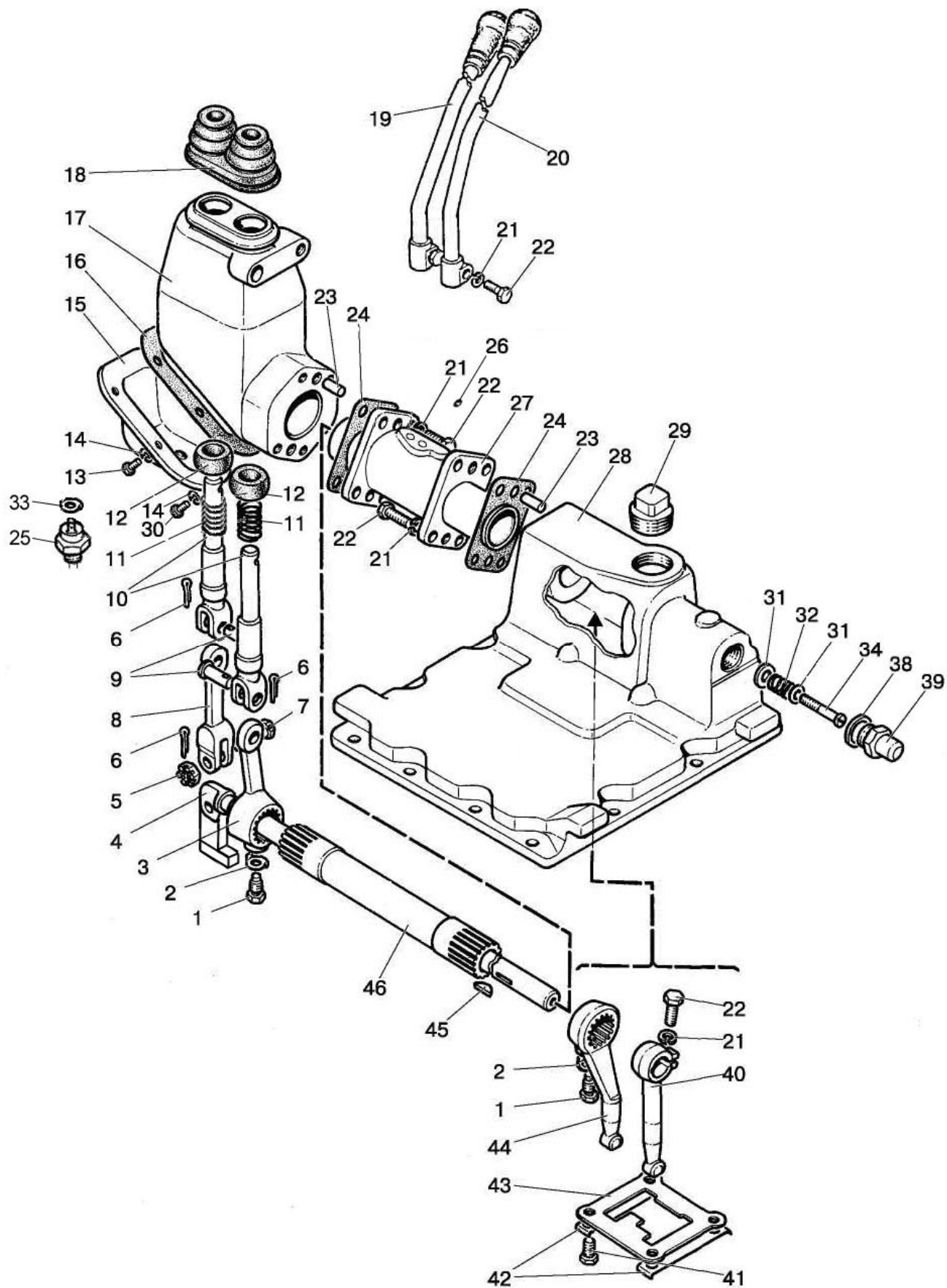


Fig.17.15. Right two-lever gearbox control mechanism

Group 17. Gearbox
Subgroup 1703. Right two-lever gearbox control mechanism.

Fig. No.	Pos. No.	Designation	1021-1700010/-01/-04/-05/07	82-1700010-01	Description
17.15		920-1702010	1	-	Gearbox control (1-18, 21-34, 38-46)
		920-1702010-03	-	1	Gearbox control (1-18, 21-34, 38-46)
		920-1702090	1	1	Casing (1-18, 21-24, 27, 30, 45, 46)
	1	922-1702021	2	2	Bolt
	2	50-1702107	2	2	Plate
	3	922-1702017	1	1	Lever
	4	920-1702020	1	1	Shaft
	5	M12-6H.04.019 ГОСТ 5919-73	1	1	Nut
	6	3,2x18.019 ГОСТ 397-79	3	3	Cotter pin
	7	80-1702108	1	1	Bolt
	8	922-1702018	1	1	Fork
	9	12x32 OCT 37.001.163-75	2	2	Pin
	10	80C-1702074	2	2	Fork
	11	77.37.117	2	2	Spring
	12	142-1702032	2	2	Sphere
	13	B.M6-6g x20.58.019 ГОСТ 17473-80	4	4	Screw
	14	6T OCT 37.001.115-75	5	5	Washer
	15	920-1702023	1	1	Cover
	16	922-1702024	1	1	Gasket
	17	922-1702011-01	1	1	Casing
	18	922-1702019	1	1	Boot
	19	920-1702060/-01	1	1	Lever
	20	920-1702050	1	1	Lever
	21	10 OT OCT 37.001.115-75	11	11	Washer
	22	M10-6g x30.88.35.019 ГОСТ 7796-70	11	11	Bolt
	23	ШЦК 10x25	4	4	Pin
	24	922-1702026	2	2	Gasket
	25	BK 12-41 ТУ РБ 37334210.015-97	1	1	Switch
	26	923-1702023	-	4	Choke
	27	920-1702012	1	1	Spacer
	28	922-1702025	1	1	Cover
	29	50-1701130	1	1	Breather
	30	B.M6-6g x50.58.019 ГОСТ 17473-80	1	1	Screw
	31	C12.01.019 ГОСТ 11371-78	2	2	Washer
	32	920-1702313	1	1	Spring
	33	50-1702048	3*	3*	Adjusting spacer
	34	920-1702314	1	1	Screw
	38	80-1702098	1	1	Washer
	39	80C-1702302	1	1	Casing
	40	70-1703011	1	1	Lever
	41	M10-6gx18.88.35.019 ГОСТ 7796-70	4	4	Bolt
	42	50-1702107-A	2	2	Tightening plate
	43	922-1702084	1	-	Plate
		822-1702084	-	1	Plate
	44	920-1702016	1	1	Lever
	45	СШ-611	1	1	Key
	46	920-1702015	1	1	Pipe

* Maximum quantity. Selection

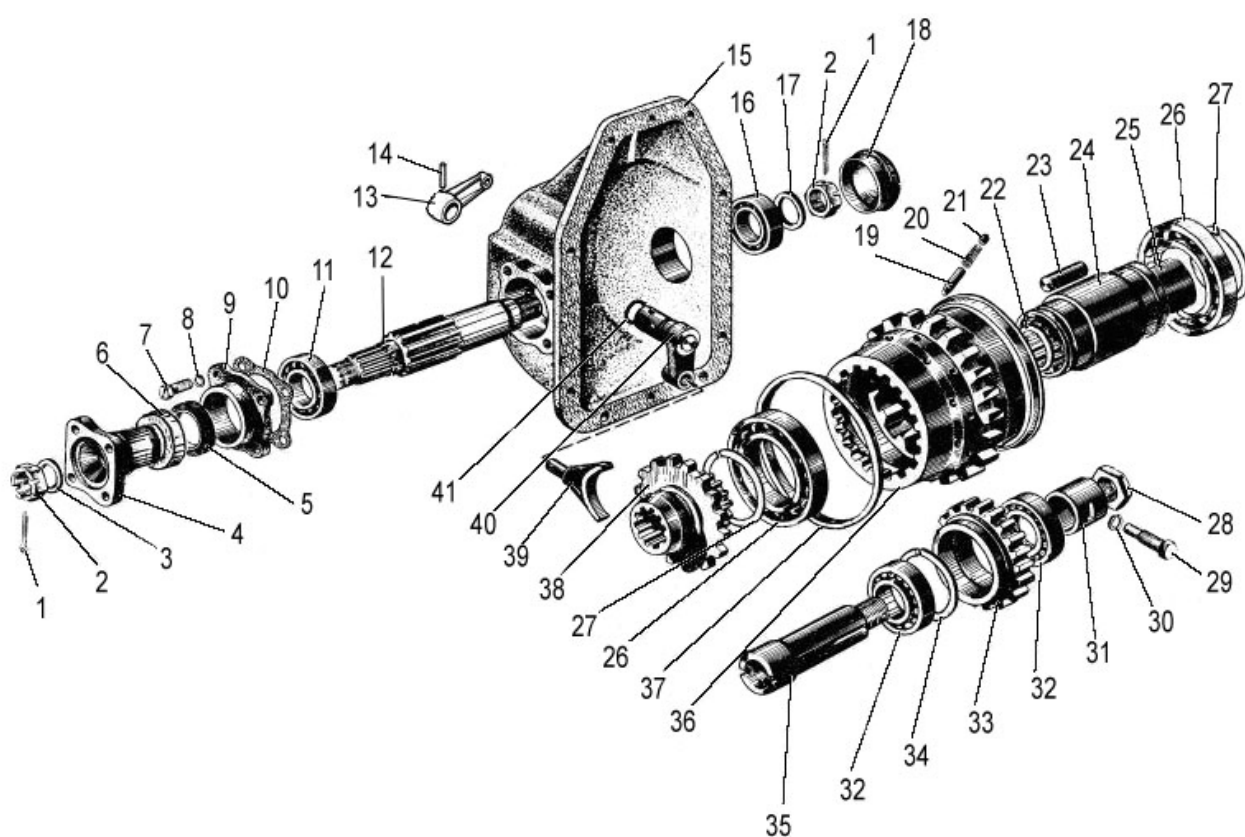


Fig.18.1. Transfer gearbox (for Belarus-920/920.2/920.3/952/952.2/952.3)

Group 18. Transfer gearbox
Subgroup 1802. Transfer gearbox
(for Belarus-920/920.2/920.3/952/952.2/952.3)

Fig. No.	Pos. No.	Designation	Q-ty	Description
18.1		72-1802020	1	Transfer gearbox (1-27,36-41)
		72-1802060	1	Gear with free-wheeling clutch (19-21, 23-27,36,37)
		72-1802062-A1	1	Bush (24,25)
		52-1802094PH	1	Shaft (28,35)
		52-1802095-B	1	Intermediate gear (32-34)
		52-1802100-A	1	Casing (5,6,9)
		52-1802110-A	1	Roller set (19-21,24)
		72-1802125PB	1	Gear (12,19-27,36-38)
	1	4x25.019 ГОСТ 397-79	2	Cotter pin
	2	70-3003032	2	Nut
	3	52-1802079	1	Washer
	4	52-1802078-A	1	Flange
	5	2.2-38x58-1 ГОСТ 8752-79/OCT 3805146-78	1	Cuff
	6	72-1802108	1	Fixture
	7	M8-6gx25.88.35.019 ГОСТ 7796-70	4	Bolt
	8	8T OCT 37.001.115-75	4	Washer
	9	52-1802073	1	Casing
	10	52-1802074	1	Gasket
	11	306A ГОСТ 8338-75	1	Bearing
	12	72-1802063	1	Shaft
	13	72-1802082	1	Lever
	14	A.10x40.65Г Chemical phosphate oil-impregnated coating ГОСТ 14229-93	1	Pin
	15	52-1602065-A	1	Casing
	16	305A ГОСТ 8338-75	1	Bearing
	17	72-1802064	1	Washer
	18	52-1802076	1	Cover
	19	52-1802069-B	16	Pin
	20	52-1802066-A	16	Spring
	21	52-1802111	16	Plug
	22	70-1601082	2	Washer
	23	52-1802077 or 52-1802077PH	8 8	Roller Roller
	24	72-1802131-B	1	Bush
	25	943/30 ГОСТ 4060-78	2	Bearing
	26	115K5 ГОСТ 8338-75	2	Bearing
	27	52-1802102-A	2	Ring
	28	52-1802128	1	Nut
	29	52-1802093	1	Screw
	30	12 OT OCT 37.001.115-75	1	Washer
	31	52-1802092-B	1	Bush
	32	7306A ГОСТ 27365-87	2	Bearing
	33	52-1802091	1	Gear
	34	52-1802097	1	Ring
	35	52-1802094	1	Shaft
	36	52-1802061-A	1	Gear
	37	52-1802067	2	Fixture
	38	72-1802068	1	Clutch
	39	52-1802084	1	Fork
	40	52-1802080-B1	1	Roller with lever
	41	020-025-30-1-4 ГОСТ 18829-73/9833-73	1	Ring

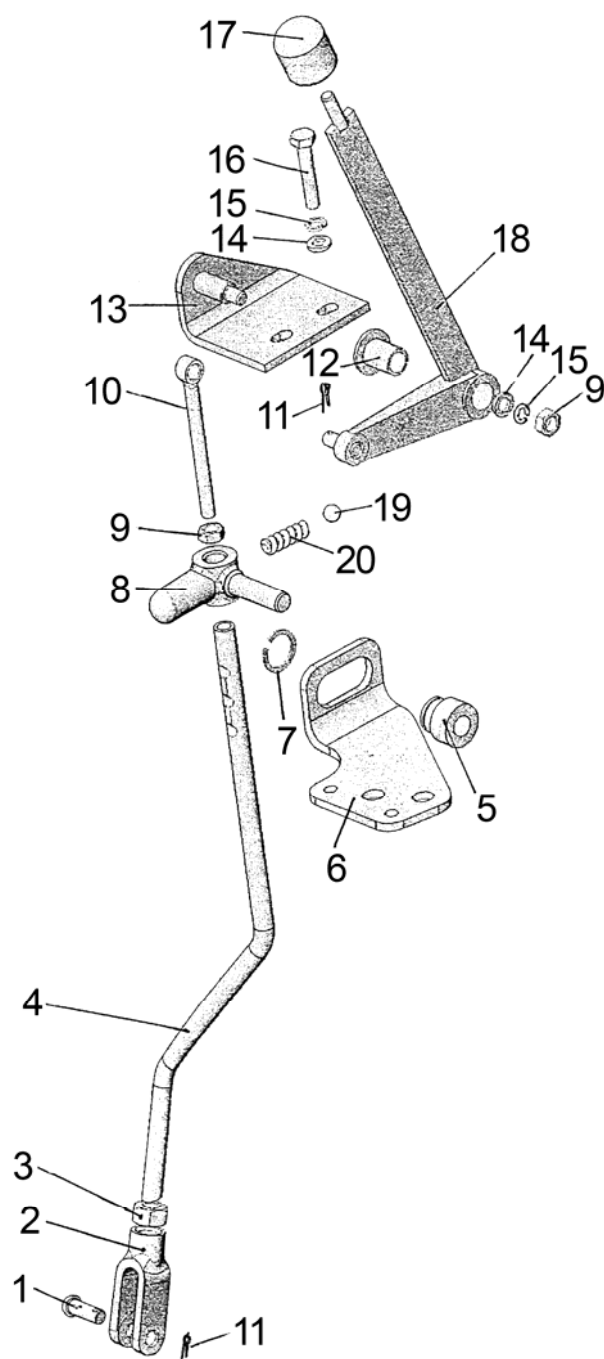


Fig.18.2. Transfer gearbox control (for single-lever gearbox control mechanism)

Group 18. Transfer gearbox**Subgroup 1802. Transfer gearbox control (for single-lever gearbox control mechanism)**

Fig. No.	Pos. No.	Designation	Q-ty	Description
18.2	1	8x30 OCT 37.001.163-75	1	Pin
	2	952-1802012	1	Fork
	3	M12x1,25-6H.6.019 ГОСТ 5915-70	1	Nut
	4	952-1802026	1	Rod
	5	952-1802032	1	Bush
	6	952-1802031-A	1	Bracket
	7	C20 ГОСТ 13940-86	1	Ring
	8	952-1802027	1	Guide
	9	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	10	952-1802011	1	Rod
	11	3,2x18.019 ГОСТ 397-79	2	Cotter pin
	12	50-4607082-A	1	Bush
	13	952-1802020	1	Bracket
	14	C 8.01.019 ГОСТ 6958-78	3	Washer
	15	8T OCT 37.001.115-75	3	Washer
	16	M8-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	17	A13.11.000	1	Handle
	18	952-1802015	1	Lever
	19	10,0-60 ГОСТ 3722-81	1	Ball
	20	50-1702148-A	1	Spring

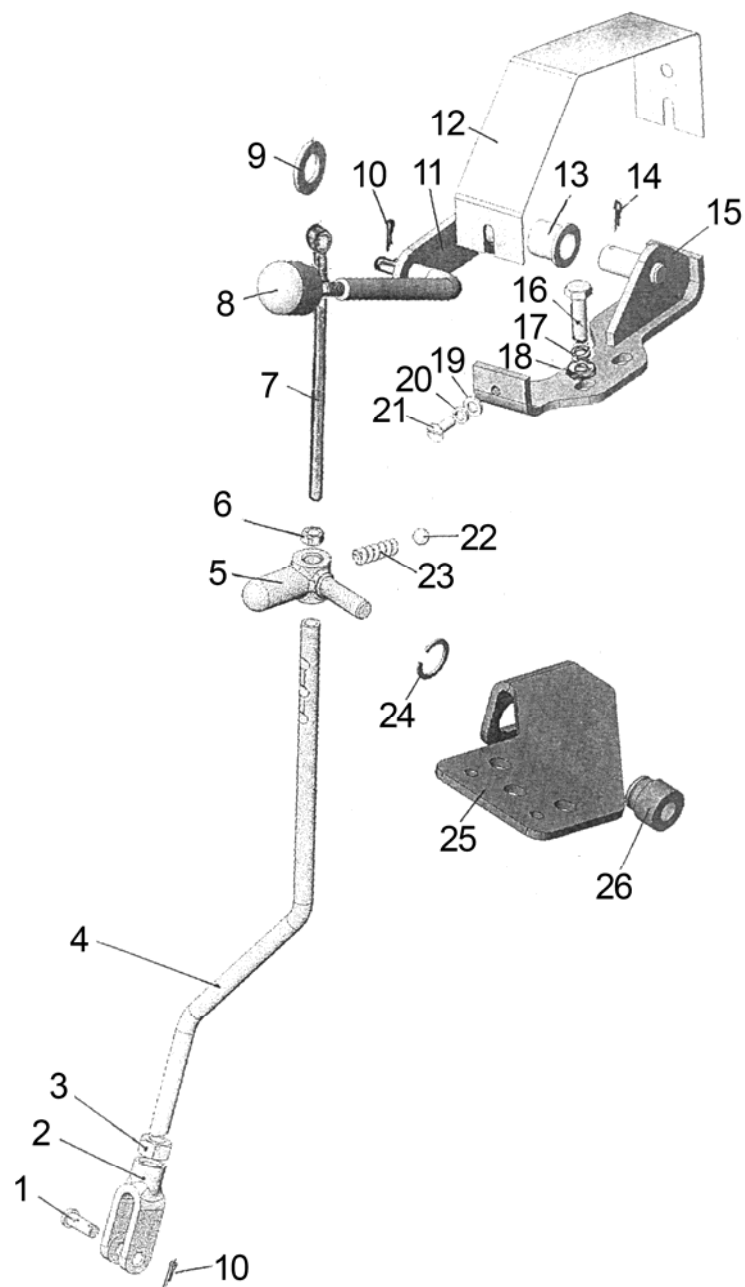


Fig.18.3. Transfer gearbox control (for two-lever gearbox control mechanism)

Group 18. Transfer gearbox

Subgroup 1802. Transfer gearbox control (for two-lever gearbox control mechanism)

Fig. No.	Pos. No.	Designation	Q-ty	Description
18.3	1	8x30 OCT 37.001.163-75	1	Pin
	2	952-1802012	1	Fork
	3	M12x1,25-6H.6.019 ГОСТ 5915-70	1	Nut
	4	920-1802026	1	Rod
	5	952-1802027	1	Guide
	6	M8-6H.6.019 ГОСТ 5915-70	1	Nut
	7	952-1802011	1	Rod
	8	A13.11.000	1	Handle
	9	C 14.01.019 ГОСТ 11371-78	1	Washer
	10	3,2x18.019 ГОСТ 397-79	2	Cotter pin
	11	920-1802015	1	Lever
	12	920-1802012	1	Housing
	13	70-4605308-Б	1	Bush
	14	3,2x20.019 ГОСТ 397-79	1	Cotter pin
	15	920-1802020	1	Bracket
	16	M8-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	17	8T OCT 37.001.115-75	2	Washer
	18	C 8.01.019 ГОСТ 6958-78	2	Washer
	19	C.6.01.019 ГОСТ 6958-78	2	Washer
	20	6T OCT 37.001.115-75	2	Washer
	21	B.M6-6gx14.58.019 ГОСТ 17473-80	2	Screw
	22	10,0-60 ГОСТ 3722-81	1	Ball
	23	50-1702148-A	1	Spring
	24	C20 ГОСТ 13940-86	1	Ring
	25	920-1802031-A	1	Bracket
	26	952-1802032	1	Bush

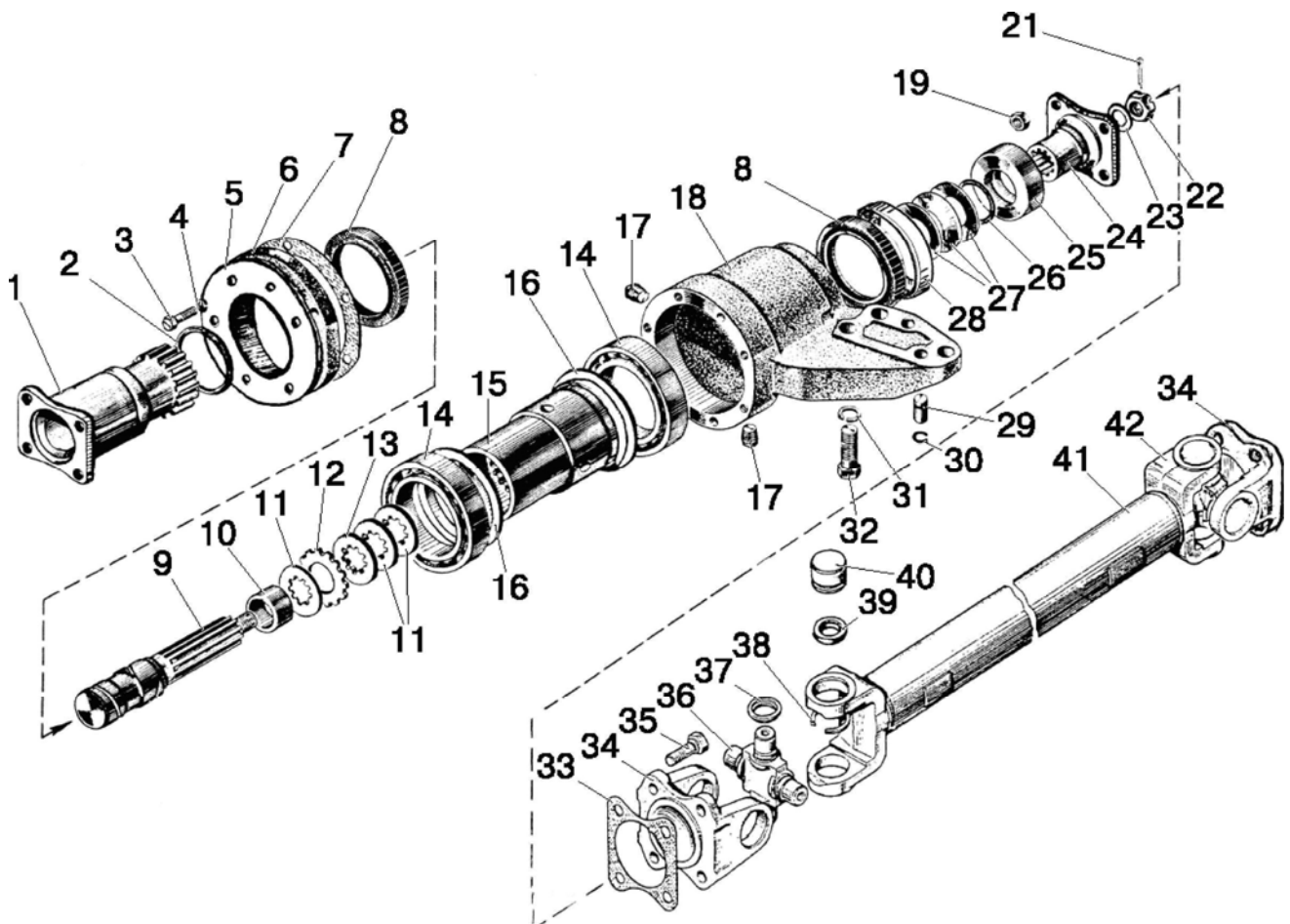


Fig. 22.1. Cardan shaft. Intermediate cardan shaft bearing. (for Belarus-920/920.2/920.3/952/952.2/952.3)

Group 22. Cardan drive
Subgroup 2203, 2209. Cardan shaft. Intermediate cardan shaft bearing
(for Belarus-920/920.2/920.3/952/952.2/952.3)

Fig. No.	Pos. No.	Designation	Q-ty	Description
22.1		72-2203010-A2	2	Front and intermediate cardan shaft (34, 36-42)
		72-2203025PH	4	Cross with glands and bearings (36, 37, 39, 40)
		72-2209100	1	Packing gland (6, 8)
		72-2209010-A	1	Intermediate bearing (1-18, 21-30)
	1	72-2209014	1	Flange
	2	055-065-58-1-4 ГОСТ 18829-73/9833-73	1	Ring
	3	8-6gx30.88.35.019 ГОСТ 7796-70	5	Bolt
	4	8T OCT 37.001.115-75	5	Washer
	5	72-2209028	1	Dirt pocket
	6	72-2209022	1	Casing
	7	72-2209023	1	Gasket
	8	2.2-75x100-1 ГОСТ 8752-79	2	Cuff
	9	72-2209013	1	Shaft
	10	72-2209017	1	Bush
	11	72-2209019	3	Disk
	12	72-2209025	10-11	Disk
	13	72-2209027	10	Disk
	14	115K5 ГОСТ 8338-75	2	Bearing
	15	72-2209012	1	Bush
	16	72-2209018	2	Fixture
	17	ПК КГ 3/8"	2	Plug
	18	72-2209011	1	Bracket
	19	M10x1-8 DIN EN ISO 10511-98	16	Nut
	21	4x25.019 ГОСТ 397-79	1	Cotter pin
	22	70-3003032	1	Nut
	23	52-1802079	1	Washer
	24	52-1802078-A	1	Flange
	25	72-2209016-B	1	Washer
	26	038-046-46-1-4 ГОСТ 18829-73/9833-73	1	Ring
	27	72-2209021	6	Spring
	28	72-2209031	1	Fixture
	29	52-2308094	2	Pin
	30	12-12-306	2	Ring
	31	16OT OCT 37.001.115-75	3	Washer
	32	72-2203011	3	Bolt
	33	20-2201024	4	Gasket
	34	72-2203023	4	Flange
	35	52-2203012	16	Bolt M10x1
	36	72-2203030-01	4	Cross
	37	3102-2201037	16	Deflector
	38	72-2203043	16	Locking ring
	39	69-2201031-A	16	Cuff
	40	704702K3C10 ТУ 37.006.065-90	16	Bearing
	41	72-2201018-02	2	Pipe
	42	72-2203022	4	Fork

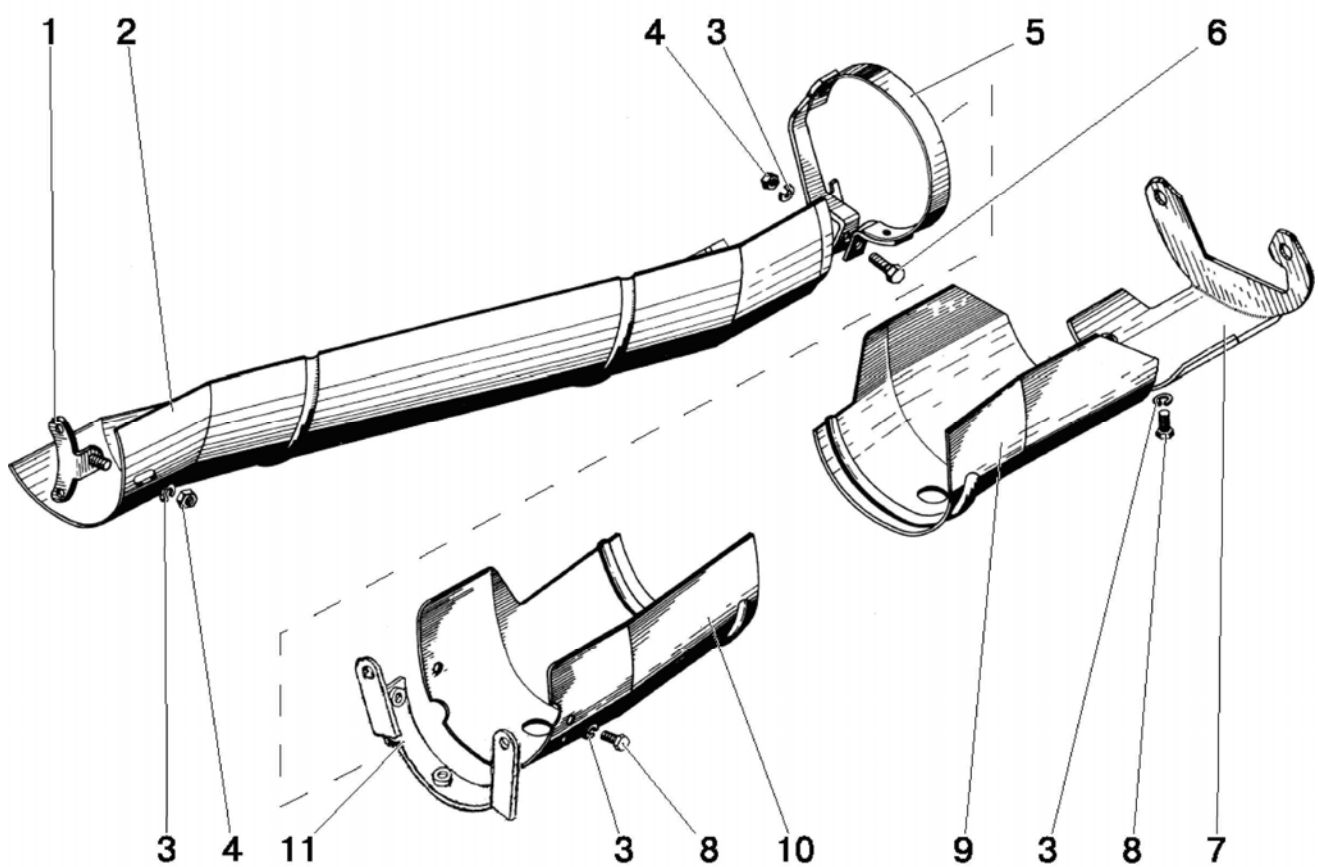


Fig.22.2. Cardan drive guard
(for Belarus-920/920.2/920.3/952/952.2/952.3)

Group 22. Cardan drive**Subgroup 2210. Cardan drive guard**

(for Belarus-920/920.2/920.3/952/952.2/952.3)

Fig. No.	Pos. No.	Designation	Q-ty	Description
22.2		72-2203040	1	Cardan drive guard (1-11)
	1	52-2210040	1	Supporting bracket
	2	72-2210013	1	Rear guard
	3	8T OCT 37.001.115-75	7	Washer
	4	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	5	72-2210030	1	Clamp
	6	M8-6gx40.88.35.019 ГОСТ 7796-70	1	Bolt
	7	52-2210015	1	Bracket
	8	M8-6gx16.88.35.019 ГОСТ 7796-70	5	Bolt
	9	52-2210012-A	1	Front guard
	10	52-2210017-A	1	Guard
	11	72-2210020-A	1	Bracket

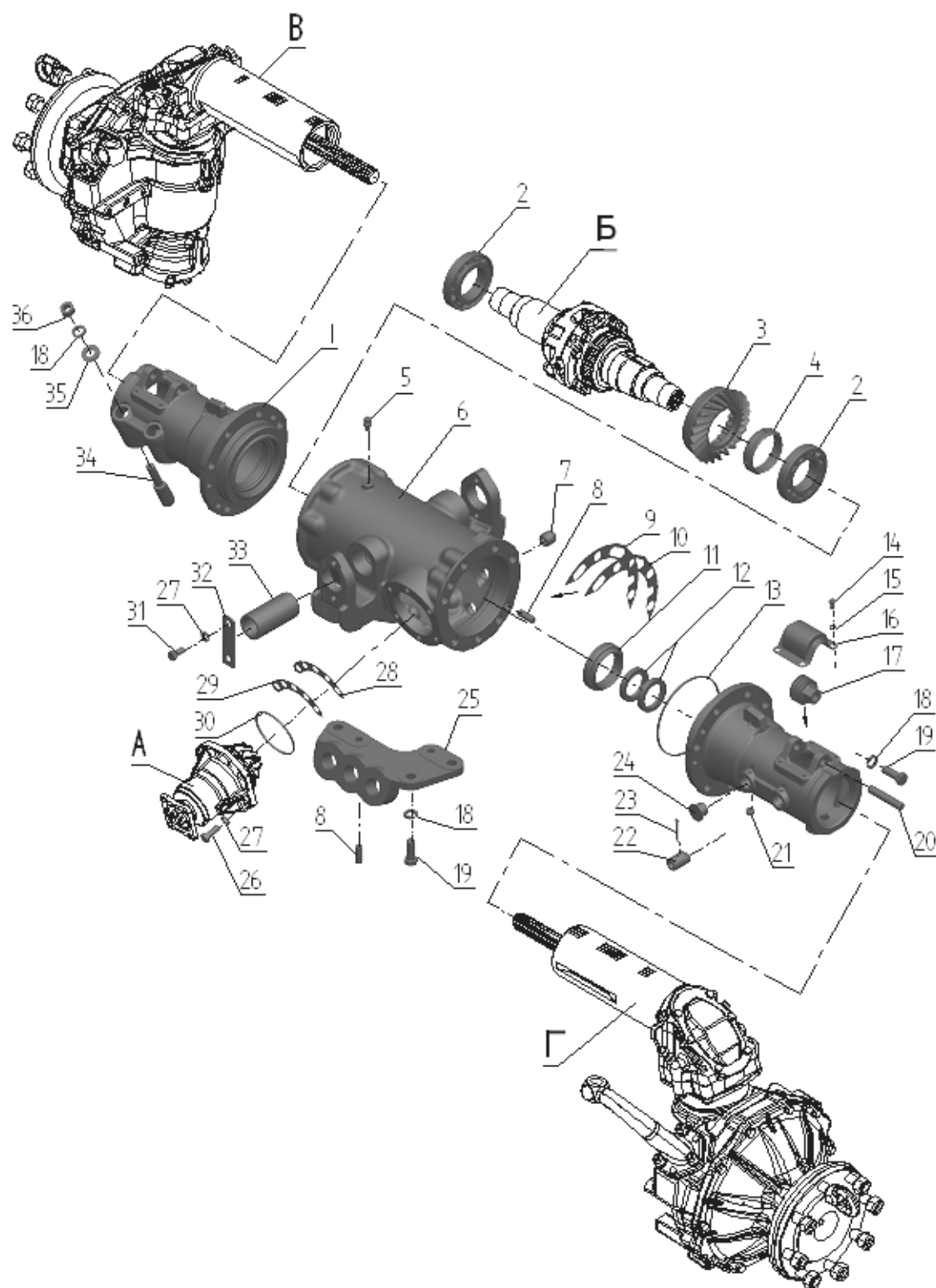


Fig.23.1. Front driving axle 72-2300020-A

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900/920/950/952

Group 23. Front driving axle
Subgroup 2300. Front driving axle 72-2300020-A.

Fig. No.	Pos. No.	Designation	Q-ty	Description
23.1		72-2300020-A-05	1	Front driving axle assembly (8 pins)
	A	52-2302010	1	Gear (Fig.23.3)
	B	52-2303010-B	1	Differential (Fig.23.4)
	B	72-2308005-08	1	Reduction gear of the left final drive of the front driving axle (Fig.23.5)
	Г	72-2308010-07	1	Reduction gear of the right final drive of the front driving axle (Fig.23.5)
		52-2301040-B1	2	Fixture with cuffs (11,12)
	1	82-2301051	2	Cover
	2	6-7212A ГОСТ 27365-87	2	Bearing
	3	52-2302019	1	Driven gear
	4	52-2302038-A1	1	Nut
	5	СУ 1/8"-А	1	Breather
	6	72-2301055	1	Casing
	7	ПК КГ 3/4"	2	Plug
	8	Д01-015	6	Pin
	9	52-2303027	16(max)	Adjusting spacer B=0.5 mm
	10	52-2303028	16(max)	Adjusting spacer B=0.2 mm
	11	52-2301062-B1	2	Fixture
	12	2.2-45x65-1 ГОСТ 8752-79/OCT 3805146-78	4	Cuff
	13	150-155-36-1-4 ГОСТ 18829-73/9833-73	2	Ring
	14	M8-6gx16.88.35.019 ГОСТ 7796-70	8	Bolt
	15	8T OCT 37.001.115-75	8	Washer
	16	50-3104051	2	Cover
	17	52-2301052	2	Screw
	18	16 OT OCT 37.001.115-75	21	Washer
	19	M16-6gx40.88.35.019 ГОСТ 7796-70	17	Bolt
	20	52-2301054-A	2	Shaft
	21	52-2301067	2	Choke
	22	82-2301069	2	Pin
	23	5x45.019 ГОСТ 397-79	2	Cotter pin
	24	82-2301074	2	Plug
	25	102-2301023-01	1	Hydraulic cylinder bracket
	26	M12-6gx30.88.35.019 ГОСТ 7796-70	6	Bolt
	27	12 OT OCT 37.001.115-75	10	Washer
	28	52-2302021	6(max)	Adjusting spacer B=0.5 mm
	29	52-2302022	10(max)	Adjusting spacer B=0.2 mm
	30	089-095-36-1-4 ГОСТ 18829-73/9833-73	1	Ring
	31	M12-6gx25.88.35.019 ГОСТ 7796-70	4	Bolt
	32	72-2301059-A1	2	Slat
	33	52-2301058-A4	2	Shaft
	34	52-2301056	4	Wedge
	35	52-2301065	4	Washer
	36	M16x1,5-6H.6.019 ГОСТ 5915-70	4	Nut

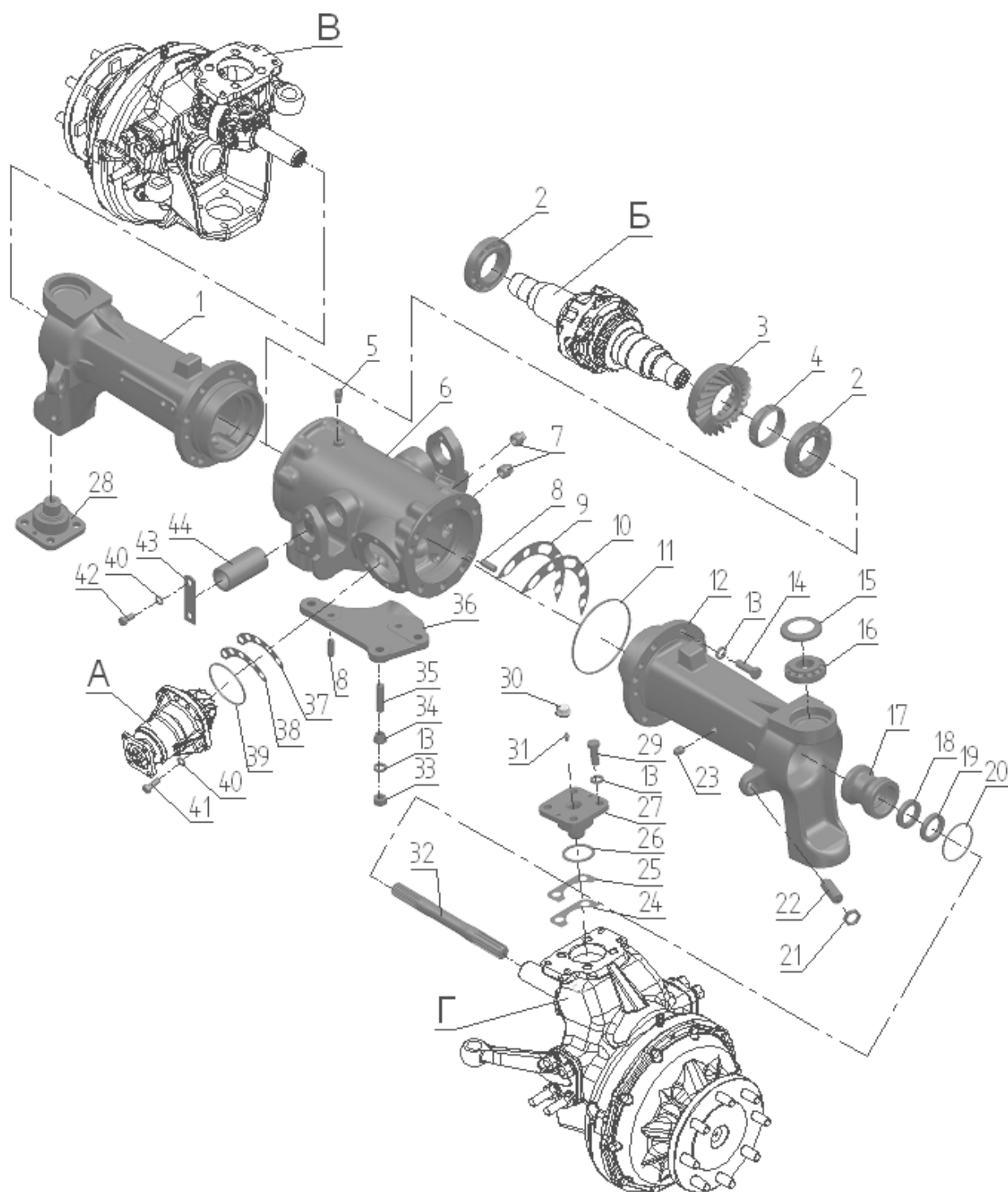


Fig.23.2. Front driving axle 822-2300020

Group 23. Front driving axle
Subgroup 2300. Front driving axle 822-2300020

Fig. No.	Pos. No.	Designation	Q-ty	Description
23.2		822-2300020-02* 822-2300020-04	1	Front driving axle assembly
	A	52-2302010	1	Gear (seeFig.23.3)
	B	52-2303010-B-01	1	Differential(seeFig.23.4)
	B	822-2308005	1	Reduction gear of the left final drive of the front driving axle(seeFig.23.6)
	Г	822-2308005-01	1	Reduction gear of the right final drive of the front driving axle (seeFig.23.6)
	1	822-2301051-01* 822-2301051	1	Hose pipe left
	2	263212A ТУ РБ 00234873.002-97	2	Bearing
	3	52-2302019	1	Driven gear
	4	52-2302038-A1	1	Nut
	5	"MINTOR" TSS0G-1/8"	1	Breather
	6	72-2301055	1	Casing
	7	ПК КГ 3/4"	2	Plug
	8	Д01-015	6	Setting pin
	9	52-2303027	16(max)	Adjusting spacer B=0.5 mm
	10	52-2303028	16(max)	Adjusting spacer B=0.2 mm
	11	150-155-36-1-4 ГОСТ 18829-73/9833-73	2	Ring
	12	822-2301053-01* 822-2301053	1	Hose pipe right
	13	16 ОТ OCT 37.001.115-75	33	Washer
	14	M16-6gx45.88.35.019 ГОСТ 7796-70	14	Bolt
	15	1520-2308039	4	Cage
	16	1027307A (31307) ГОСТ 27365-87	4	Bearing
	17	822-2308100	2	Fixture
	18	1.2-38x58-1 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	19	2.2-38x58-1 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	20	075-080-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	21	85-3407113	2	Nut
	22	1520-2308009	2	Screw
	23	ПК КГ 3/8"	2	Plug
	24	52-2302021	6(max)	Adjusting spacer B=0.5 mm
	25	52-2302022	10(max)	Adjusting spacer B=0.2 mm
	26	055-063-46-1-4 ГОСТ 18829-73/9833-73	4	Ring
	27	1520-2308037	3	Shaft
	28	1520-2308037-01	1	Shaft
	29	M16-6gx40.88.35.019 ГОСТ 7796-70	16	Bolt
	30	85-4607447	4	Cap
	31	1.3.Ц9.xp ГОСТ 19853-74	4	Greaser
	32	822-2308065-01* 822-2308065	2	Shaft
	33	M16-6H.6.019 ГОСТ 5915-70	3	Nut
	34	1520-2308077	3	Bush
	35	1520-2308079	3	Pin
	36	922-2301023-B-01* 822-2301023-B-01	1	Cylinder bracket
	37	1520-2308042	8(max)	Adjusting spacer B=0.2 mm
	38	1520-2308042-01	20(max)	Adjusting spacer B=0.5 mm
	39	089-095-36-1-4 ГОСТ 18829-73/9833-73	1	Ring
	40	12 ОТ OCT 37.001.115-75	6	Washer
	41	M12-6gx30.88.35.019 ГОСТ 7796-70	6	Bolt
	42	M12-6gx25.88.35.019 ГОСТ 7796-70	4	Bolt
	43	72-2301059-A1	2	Slat
	43	52-2301058-A4	2	Shaft

* optionally (FDA with elongated tubes)

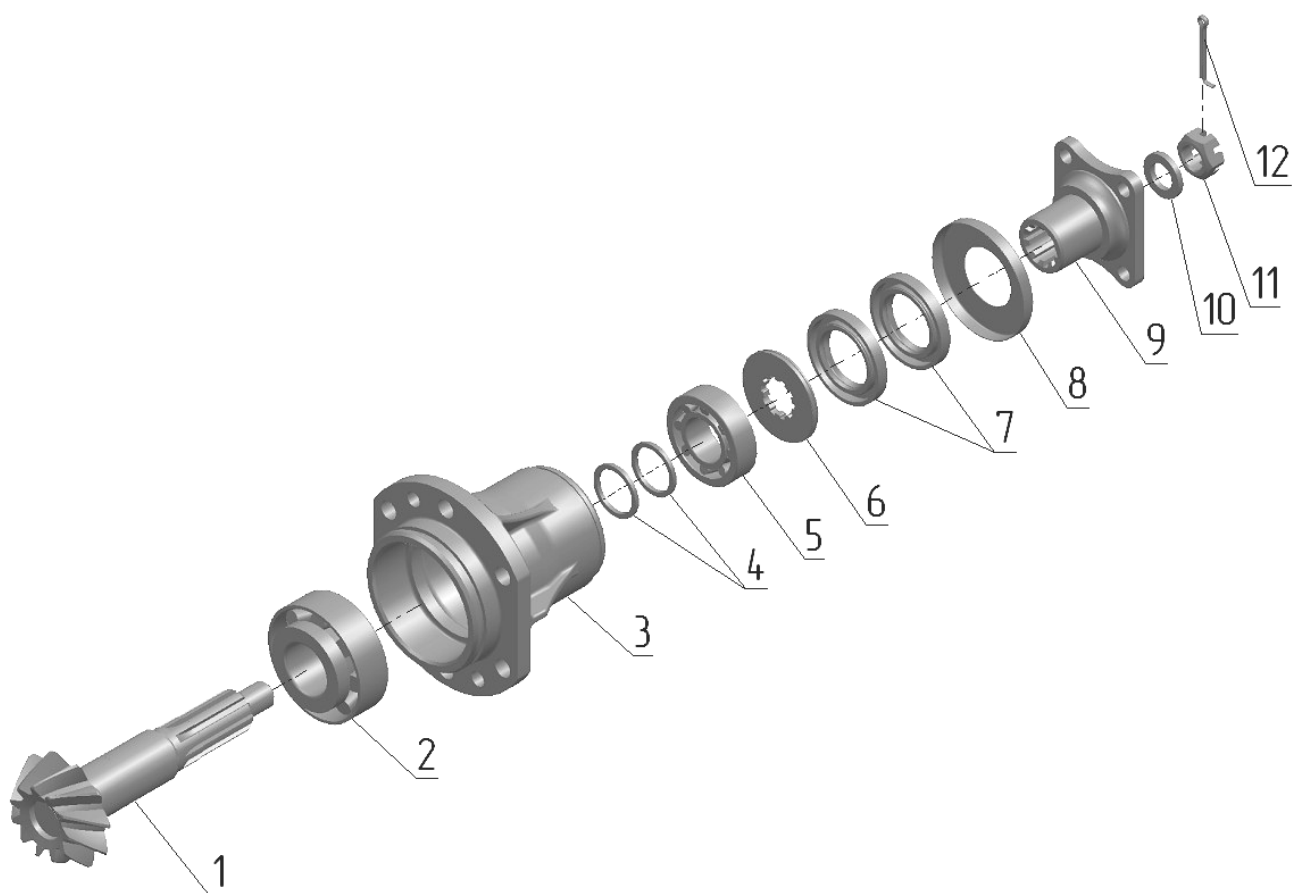


Fig. 23.3. Gear

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
23.3		52-2302010-P	1	Gear set (1-12, 3(Fig.23.1,23.2))
		52-2302030	1	Driven gear complete with the driving one (1, 3(Fig.23.1,23.2))
	1	52-2302015-A	1	Driving gear
	2	7607A ГОСТ 27365-87 or 6-7607AY ГОСТ 27365-87	1	Bearing
	3	52-2302016-A	1	Cage
	4	52-2302026	2*	Adjusting washer B=2.65 mm
		52-2302026-01	2*	Adjusting washer B=2.70 mm
		52-2302026-02	2*	Adjusting washer B=2.75 mm
		52-2302026-03	2*	Adjusting washer B=2.90 mm
		52-2302026-04	2*	Adjusting washer B=3.05 mm
		52-2302026-05	2*	Adjusting washer B=3.20 mm
		52-2302026-06	2*	Adjusting washer B=3.30 mm
		52-2302026-07	2*	Adjusting washer B=3.35 mm
		52-2302026-08	2*	Adjusting washer B=3.40 mm
	5	7506A ГОСТ 27365-87	1	Bearing
	6	52-2302018	1	Ring
	7	2.2-38x62-1/4 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	8	82-2302031	1	Choke
	9	52-1802078-A	1	Flange
	10	52-1802079	1	Washer
	11	70-3003032	1	Nut
	12	4x25.019 ГОСТ 397-79	1	Cotter pin

* To be selected when adjusting the bearings

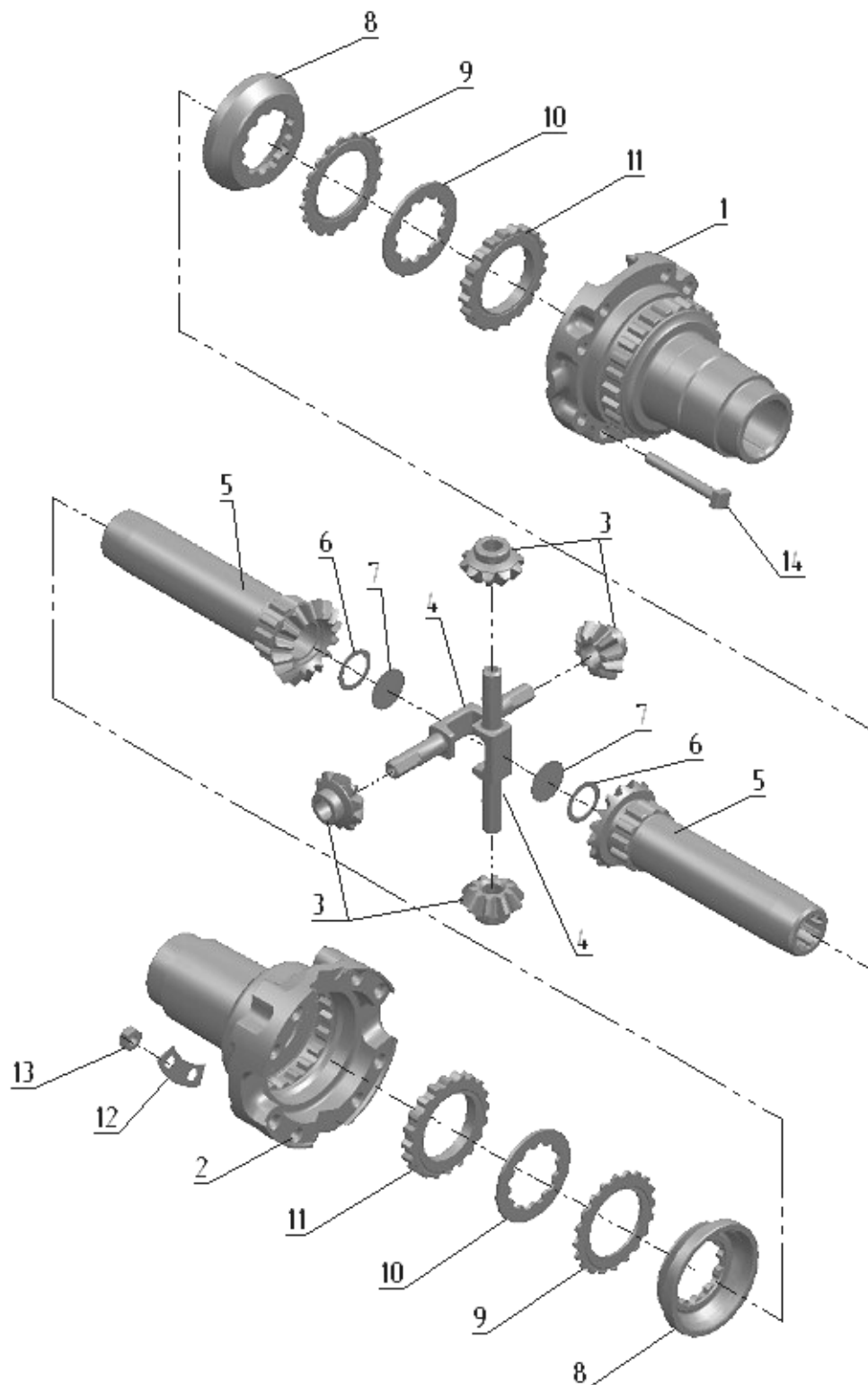


Fig. 23.4. Differential

BELARUS**900/920/950/952****Group 23. Front driving axle****Subgroup 2303. Differential**

Fig. No.	Pos. No.	Designation	Q-ty	Description
23.4		52-2303010-Б	1	Differential (1-14) (for FDA 72-2300020-A(Fig.23.1))
		52-2303010-Б-01		Differential (1-14) (for FDA 822-2300020(Fig.23.2))
		52-2303030	2	Gear (5-7)
	1	52-2303014-Б	1	Compensating case
	2	52-2303015-Б	1	Compensating case
	3	52-2303018	4	Pinion
	4	52-2303019	2	Shaft
	5	52-2303017	2	Gear
	6	52-2303034	2	Gasket
	7	35-10кп.Ц9.хр ГОСТ 3111-81	2	Choke
	8	52-2303021	2	Cup
	9	52-2303023-A1-01	2	Disk
	10	52-2303024-01	2	Disk
	11	52-2303023-A1	2	Disk
	12	52-2303032	4	Plate
	13	52-2303013	8	Nut
	14	52-2303026-Б	8	Bolt

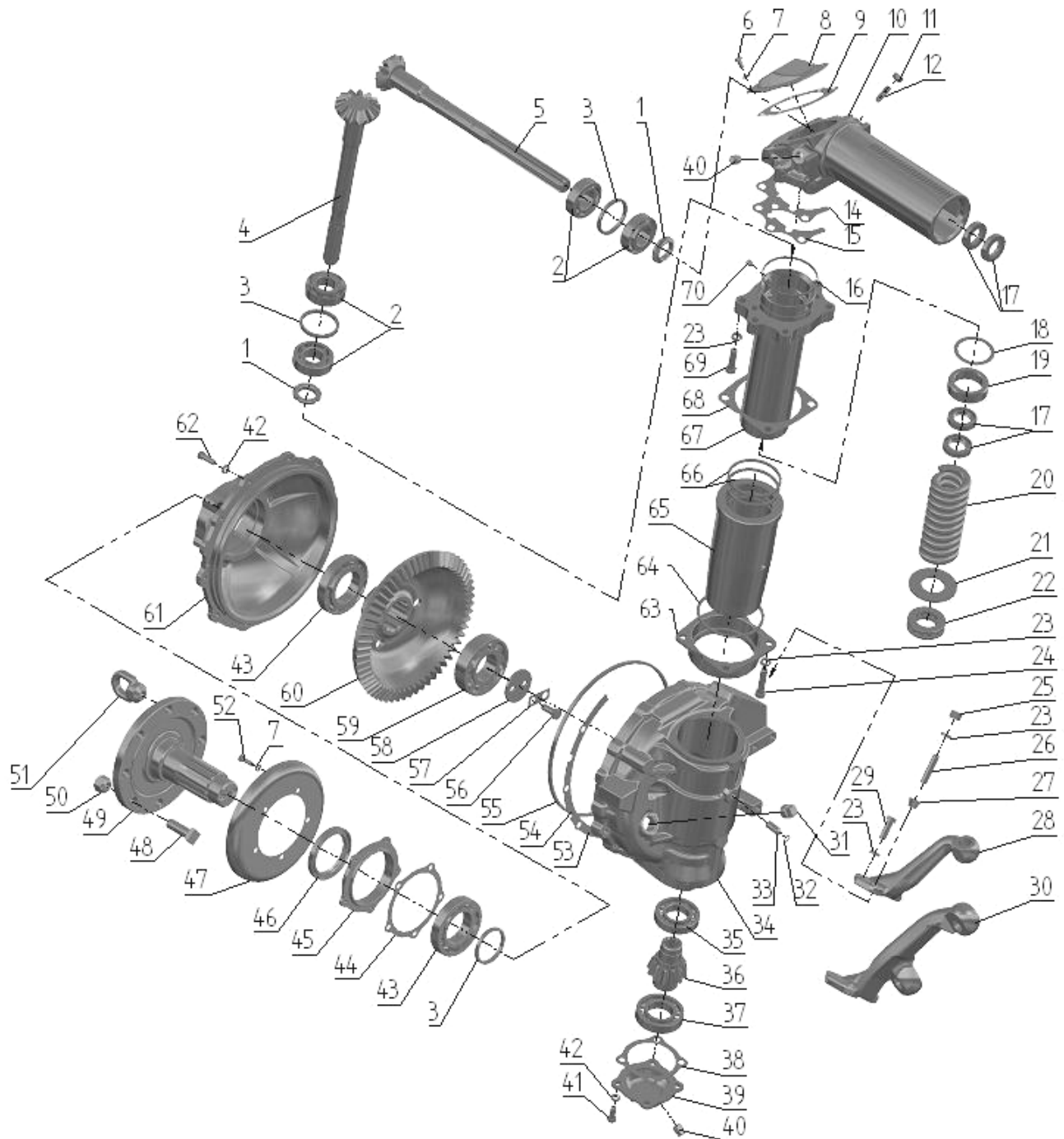


Fig. 23.5. Final drive reduction gear of the front driving axle
(for FDA 72-230020-A (Fig.23.1))

Group 23. Front driving axle
Subgroup 2308. Final drive reduction gear
of the front driving axle (for FDA 72-2300020-A (Fig.23.1))

Fig. No.	Pos. No.	Designation	Q-ty	Description
23.5		72-2308005-08	1	Left reduction gear (1-69)
		72-2308010-07	1	Right reduction gear (1-69)
		72-2308020-B	2	Cover (3, 43, 61)
		72-2308030-A	2	Pipe (18,19, 66)
		82-2308050-03	2	Gear (3, 7, 43-49, 52-61)
		52-2308060	2	Gear (35-37)
		72-2308070-01	2	Flange (48, 49)
		72-2308090-B	2	Casing (45, 46)
		52-2308100-03	2	Upper bevel gear and pinion (1-19,23,66,68,69)
		52-2308110-A2	1	Right reduction gear casing (32-34, 62-64)
		52-2308115-A2	1	Left reduction gear casing (32-34, 62-64)
		52-2308135	2	Shaft with bearings (1-4)
		52-2308135-01	2	Shaft with bearings (1-3, 5)
	1	52-2308097	4	Nut
	2	7507A ГОСТ 27365-87	8	Bearing
	3	72-2308121	2*	Adjusting ring B=5.8 mm
		72-2308121-01	2*	Adjusting ring B=5.95 mm
		72-2308121-02	2*	Adjusting ring B=6.10 mm
		72-2308121-03	2*	Adjusting ring B=6.25 mm
		72-2308121-04	2*	Adjusting ring B=6.40 mm
		72-2308121-05	2*	Adjusting ring B=6.55 mm
		72-2308121-06	2*	Adjusting ring B=6.70 mm
		72-2308121-07	2*	Adjusting ring B=6.85 mm
		72-2308121-08	2*	Adjusting ring B=7.00 mm
		72-2308121-09	2*	Adjusting ring B=7.15 mm
		72-2308121-10	2*	Adjusting ring B=7.30 mm
		72-2308121-11	2*	Adjusting ring B=7.45 mm
	4	52-2308063	2	Shaft
	5	52-2308065	2	Semiring
	6	M8-6gx14.88.35.019 ГОСТ 7798-70	12	Bolt
	7	8T OCT 37.001.115-75	12	Washer
	8	52-2308030-A	2	Cover
	9	52-2308028-A1	4	Gasket
	10	52-2308025	2	Casing
	11	M10-6H.6.019 ГОСТ 5915-70	2	Nut
	12	72-2308046	2	Screw
	14	52-2308038	8(max)	Adjusting spacer B=0.5 mm
	15	52-2308039	8(max)	Adjusting spacer B=0.2 mm
	16	095-100-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	17	2.2-30x52-1 ГОСТ 8752-79/OCT 3805146-78	8	Cuff
	18	52-2308054-A	2	Gasket
	19	52-2308089-A	2	Fixture
	20	50-3001022-A1	2	Spring
	21	72-2308098-A	2	Washer
	22	8208 ГОСТ 7872-89	2	Bearing
	23	12 OT OCT 37.001.115-75	18	Washer
	24	M12-6gx40.88.35.019 ГОСТ 7796-70	8	Bolt
	25	M12x1,25-6H.6.019 ГОСТ 5915-70	6	Nut
	26	72-2308004	6	Pin
	27	72-2308009	6	Bush
	28	72-2308074	1	Lever right

* To be selected when adjusting the bearings

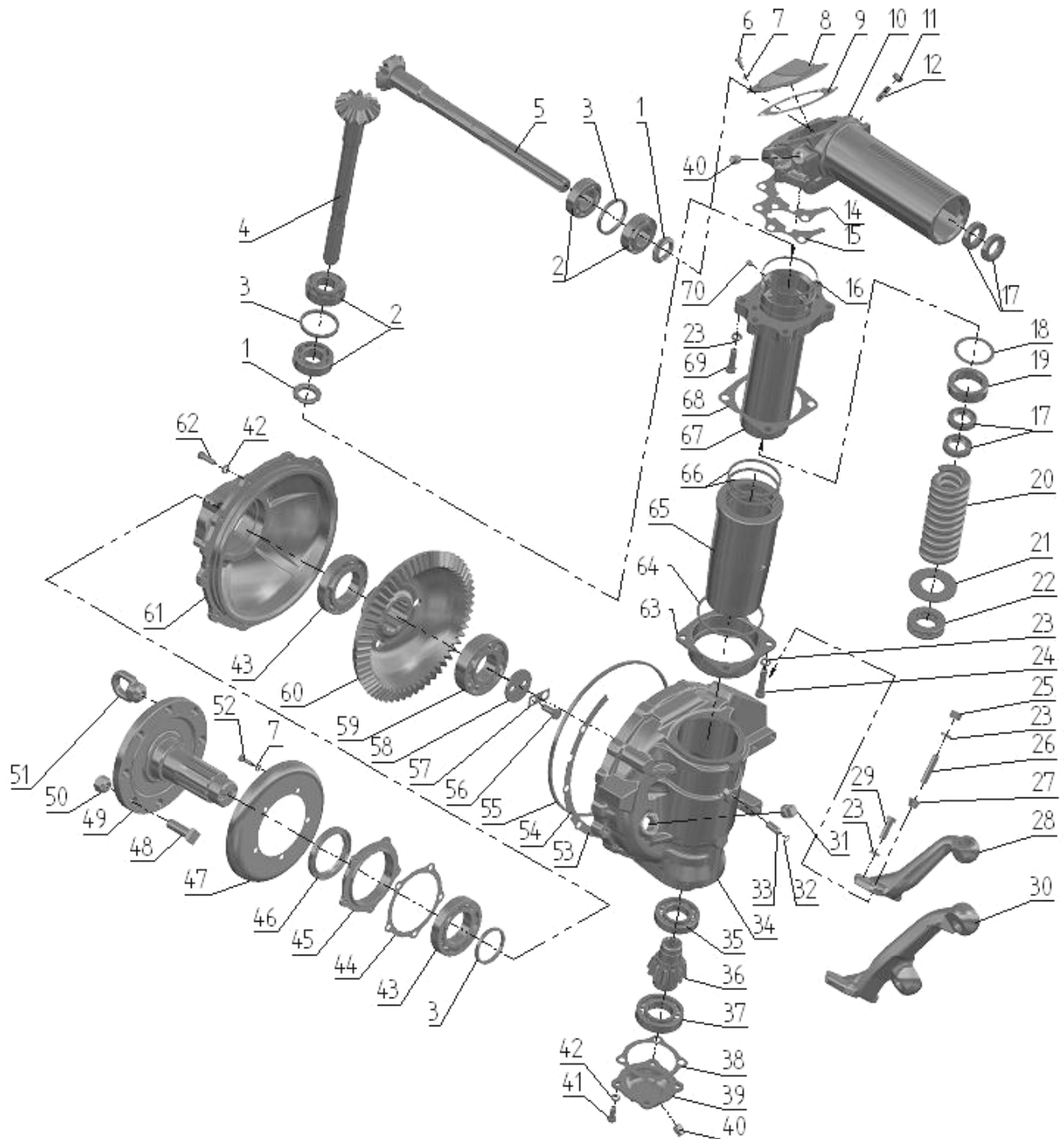


Fig. 23.5. Final drive reduction gear of the front driving axle
(for FDA 72-2300020-A (Fig.23.1))

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900/920/950/952

Group 23. Front driving axle
Subgroup 2308. Final drive reduction gear
of the front driving axle (for 72-2300020-A (Fig.23.1))

Fig. No.	Pos. No.	Designation	Q-ty	Description
23.5	29	M12-6gx35.88.35.019 ГОСТ 7796-70	4	Bolt
	30	72-2308075-01	1	Lever left
	31	ПК КГ 3/4"	2	Plug
	32	011-014-19-1-4 ГОСТ 18829-73/9833-73	2	Ring
	33	52-2308099	2	Pin
	34	52-2308014-A2	1	Right casing
		52-2308015-A2	1	Left casing
	35	208A ГОСТ 8338-75	2	Bearing
	36	52-2308061	2	Gear
	37	209A ГОСТ 8338-75	2	Bearing
	38	52-2308024	2	Gasket
	39	52-2308035	2	Cover
	40	ПК КГ 3/8"	4	Plug
	41	M10-6gx25.88.35.019 ГОСТ 7796-70	28	Bolt
	42	10 ОТ OCT 37.001.115-75	28	Washer
	43	6-7212A ГОСТ 27365-87	4	Bearing
	44	72-2308023-Б	2	Gasket
	45	72-2308066-Б	2	Casing
	46	2.2-75x100-1 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	47	72-2308029-Б	2	Dirt pocket
	48	40-3103016	16	Bolt
	49	82-2308017	2	Flange (8 pins)
	50	40-3103017	16	Nut
	51	70-3104019-01	2	Special (auxiliary) nut
	52	M8-6gx25.88.35.019 ГОСТ 7796-70	10	Bolt
	53	72-2308021-Б	16(max)	Adjusting spacer B=0.5 mm
	54	72-2308021-Б-01	8(max)	Adjusting spacer B=0,8 mm
	55	290-300-58-1-4 ГОСТ 18829-73/9833-73	2	Ring
	56	72-2308018	4	Bolt
	57	72-2308013	2	Plate
	58	72-2308031	2	Washer
	59	2310KM ГОСТ 8328-75	2	Bearing
	60	72-2308062	2	Gear
	61	72-2308016-Б	2	Cover
	62	M10-6gx30.88.35.019 ГОСТ 7796-70	20	Bolt
	63	52-2308101	2	Casing
	64	72-2308044	2	Washer
	65	52-2308084-A1	2	Carriage
	66	52-2308091-A	4	Ring
	67	72-2308030-A	2	Pivot tube
	68	52-2308096	2	Gasket
	69	M12-6gx55.88.35.019 ГОСТ 7796-70	8	Bolt
	70	72-2308011	4	Screw

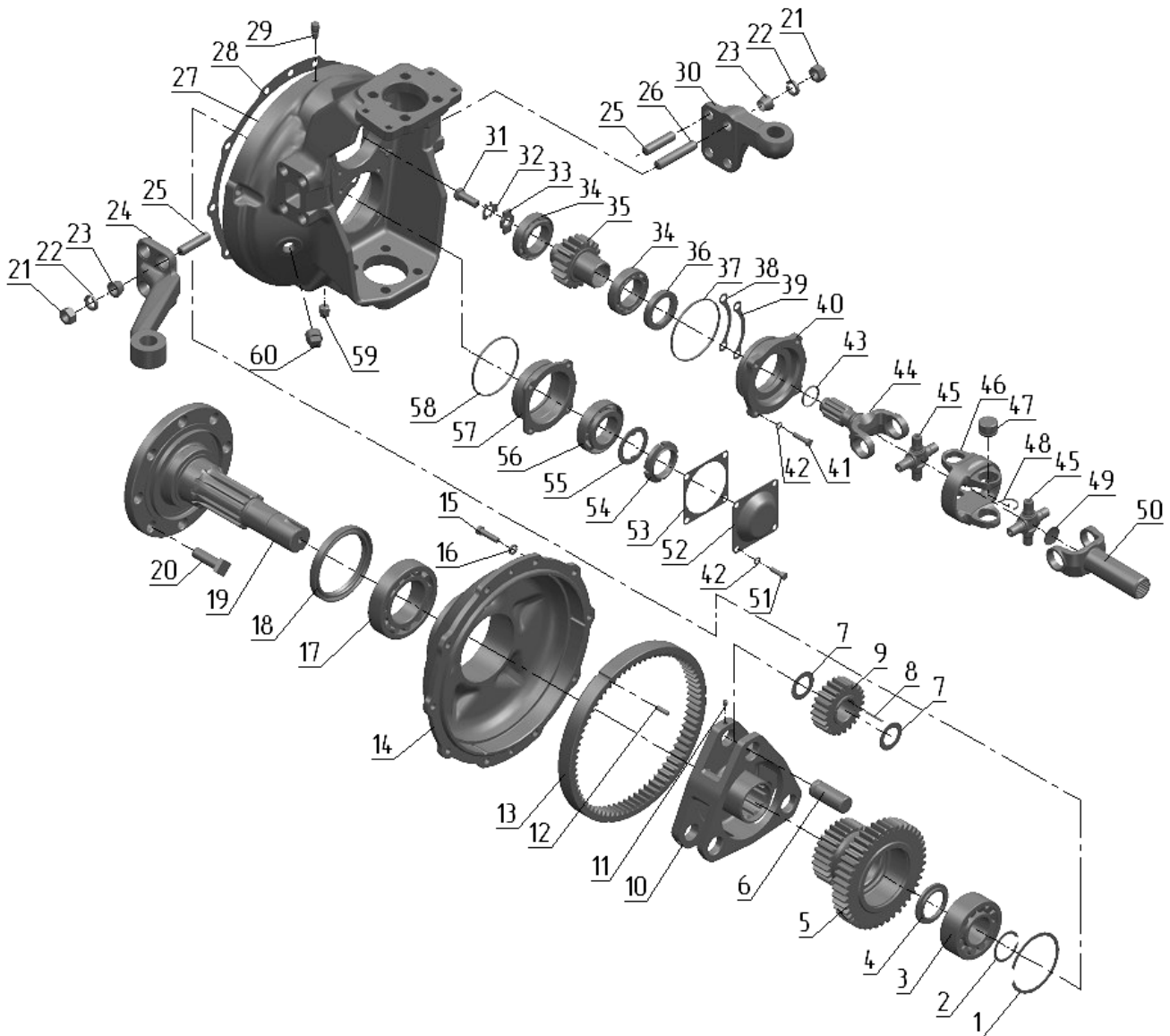


Fig. 23.6. Final drive reduction gear of the front driving axle (for FDA 822-2300020(Fig.23.2))

Group 23. Front driving axle
Subgroup 2308. Final drive reduction gear
of the front driving axle (for FDA 822-2300020(Fig.23.2))

Fig. No.	Pos. No.	Designation	Q-ty	Description
23.6		822-2308005	1	Left reduction gear (1-60)
		822-2308005-01	1	Right reduction gear (1-60)
		1520-2308024-20	2	Double universal joint (43-50)
		1520-2308040-01	2	Casing (27, 29, 31-50)
		1520-2308080	2	Cage (36, 37, 40)
		1521-2308020	2	Cover (12-14)
		1521-2308030	2	Carrier (6-11)
		1521-2308050-01	2	Hub (1-20)
	1	2C100 ГОСТ 13941-86	2	Ring
	2	C45 ГОСТ 13940-86	2	Ring
	3	53609 ГОСТ 24696-81	2	Bearing
	4	1520-2308038	2	Ring
	5	1520-2308062-01	2	Gear block (z=39)
	6	1520-2308053	6	Shaft
	7	1520-2308054	12	Washer
	8	4x34,8A3 ГОСТ 6870-81	156	Roller
	9	1520-2308059	6	Pinion
	10	1521-2308056	2	Carrier
	11	1520-2308011	6	Screw
	12	2.8x25 ГОСТ 3128-70	6	Pin
	13	1520-2308064	2	Gear
	14	1521-2308016	2	Cover
	15	M10-6gx35.88.35.019 ГОСТ 7796-70	20	Bolt
	16	10 OT OCT 37.001.115-75	20	Washer
	17	7514A GOST27365-87	2	Bearing
	18	2.2-100x125-1 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	19	1521-2308017-01	2	Flange
	20	40-3103016	16	Front wheel bolt
	21	M16-6H.6.019 ГОСТ 5915-70	16	Nut
	22	16 OT OCT 37.001.115-75	16	Washer
	23	1520-2308077	12	Bush
	24	822-2308074	1	Lever left
		822-2308075	1	Lever right
	25	1520-2308079	11	Pin
	26	1520-2308079-02	1	Pin
	27	1520-2308015	2	Casing
	28	1520-2308034	2	Gasket
	29	"MINTOR" TSS0G-1/8"	2	Breather
	30	1021-2308076	1	Bracket
	31	1521-2308012	2	Bolt
	32	1521-2308031	2	Tightening plate
	33	1521-2308013	2	Washer
	34	2007109 ГОСТ 27365-87	4	Bearing
	35	1520-2308061-01	2	Gear (z=20)
	36	2.2-45x65-1 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	37	100-105-30-2-4 ГОСТ 18829-73/ГОСТ 9833-73	2	Ring
	38	1520-2308021	20(max)	Adjusting spacer B=0.2 mm
	39	1520-2308021-01	8(max)	Adjusting spacer B=0.5 mm
	40	1520-2308035	2	Cage
	41	M8-6gx35.88.35.019 ГОСТ 7796-70	8	Bolt
	42	8T OCT 37.001.115-75	16	Washer

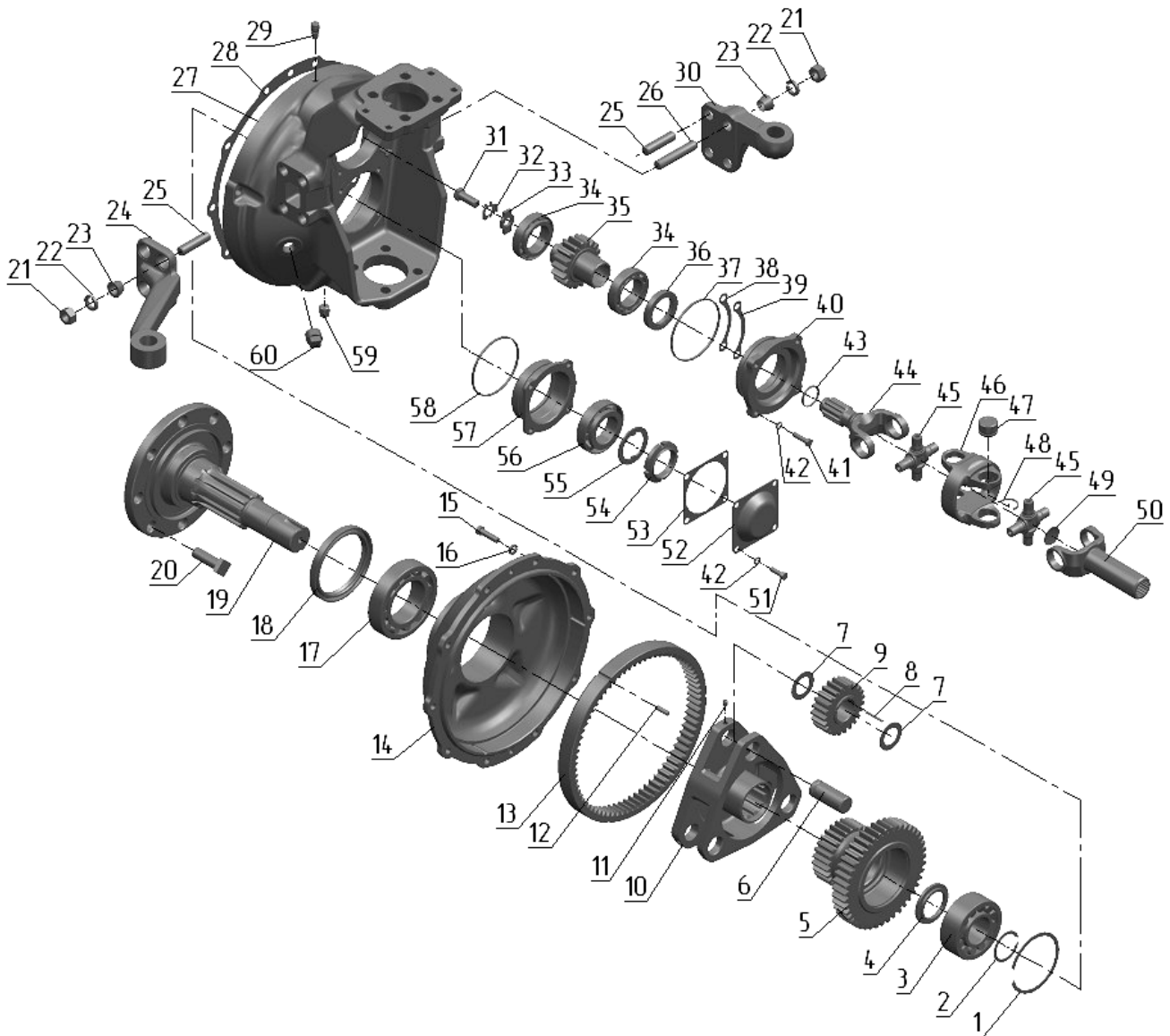


Fig. 23.6. Final drive reduction gear of the front driving axle (for FDA 822-2300020(Fig.23.2))

Group 23. Front driving axle
Subgroup 2308. Final drive reduction gear
of the front driving axle (for 822-2300020(Fig.23.2))

Fig. No.	Pos. No.	Designation	Q-ty	Description
23.6	43	032-036-25-2-4 OCT 18829-73/ГОСТ 9833-73	2	Ring
	44	1520-2308063-10	2	Fork
	45	72-2203026-11	4	Cross
	46	15.22.01.013-10	2	Double universal joint fork
	47	704702K3C10 TY 37.006.065-90	16	Bearing
	48	24-2201043-01	16(max)	Locking ring
		24-2201043-10	16(max)	Locking ring
		24-2201043-20	16(max)	Locking ring
		24-2201043-30	16(max)	Locking ring
	49	32	2	Choke
	50	1520-2308048	2	Fork
	51	M8-6gx25.88.35.019 ГОСТ 7796-70	8	Bolt
	52	1520-2308004	2	Cover
	53	1520-2308003	2	Gasket
	54	80-1701045	2	Nut
	55	80-1701056	2	Washer
	56	7509A ГОСТ 27365-87	2	Bearing
	57	1520-2308002	2	Cage
	58	095-100-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	59	ПК КГ 3/8"	2	Plug
	60	ПК КГ 3/4"	2	Plug

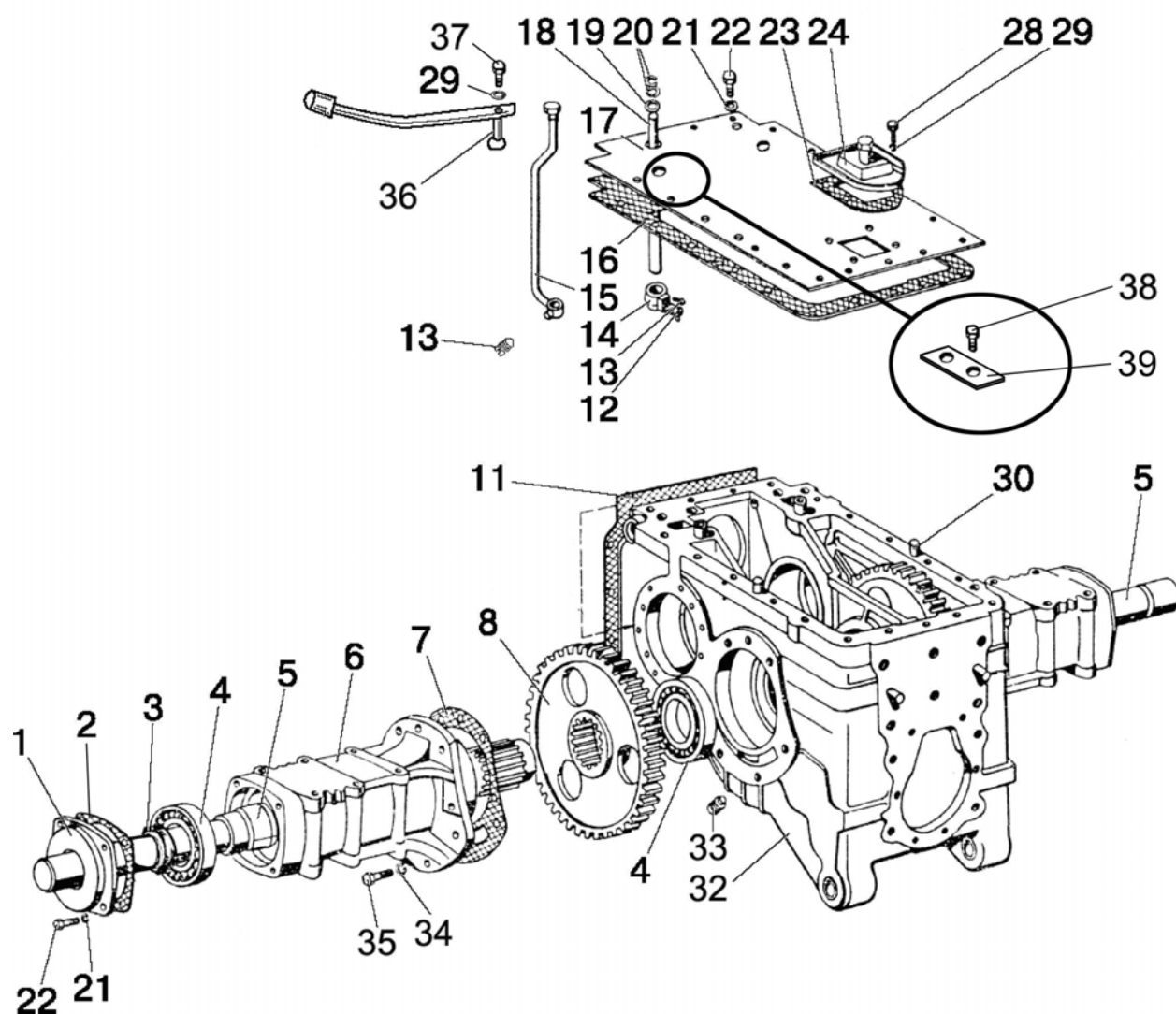


Fig.24.1. Rear axle casing. Final drive

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
24.1		70-2401010-01	1	Rear axle (1-37)(twin-disk brake)
		70-2401010-04	1	Rear axle (1-37)(three-disk brake)
		70-2401010-05	1	Rear axle (1-39)(twin-disk brake, hydraulic lift)
		70-2401010-06	1	Rear axle (1-39)(three-disk brake, hydraulic lift)
		50-2407020-A-01	2	Half-axle tube (1-6, 21, 22)
		50-2401040	1	Control roller (18-20)
		50-2407030	2	Tube cover (1, 3)
	1	50-2407028	2	Cover
	2	50-2407029	2	Gasket
	3	2.2-80x105-1 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	4	217 A ГОСТ 8338-75	4	Bearing
	5	50-2407082-A-01	2	Semiring
	6	50-2407018-A-01	2	Half-axle tube
	7	50-2407031-B	4	Gasket
	8	50-2407122	2	Gear
	11	50-2401016-B	2	Gasket
	12	1,6-O-C ГОСТ 3282-74	1	Wire (200 mm)
	13	36-1702110	2	Screw
	14	50-2401020	1	Arm
	15	80-2401050*	1	Lever
		74-2401050**	1	Lever
	16	50-2401025-A	1	Gasket
	17	70-2401024*	1	Cover
		70-2401024-01**	1	Cover
	18	50-2401019-B	1	Roller
	19	020-025-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	20	50-2401031	2	Washer
	21	12 OT OCT 37.001.115-75	19	Washer
	22	M12-6gx30.88.35.019 ГОСТ 7796-70	19	Bolt
	23	50-2401027-A	1	Gasket
	24	50-2401060-A*	1	Cover with breather
		1221-2401026**	1	Cover
	28	M8-6gx16.88.35.019 ГОСТ 7796-70	4	Bolt
	29	8T OCT 37.001.115-75	4	Washer
	30	Д01-015	2	Pin
	32	50-2401015-01*	1	Casing
		50-2401015-07**	1	Casing
	33	70-1701300	1	Plug 1 1/4"
	34	16 OT OCT 37.001.115-75	18	Washer
	35	M16-6gx50.88.35.019 ГОСТ 7796-70	17	Bolt
	36	85-2401080-A	1	Lever
	37	M8-6gx55.88.35.019 ГОСТ 7795-70	1	Bolt
	38	600-2401026**	1	Bolt
	39	600-2401014**	1	Plate

* the tractor is equipped with power governor

**the tractor is equipped with hydraulic lift

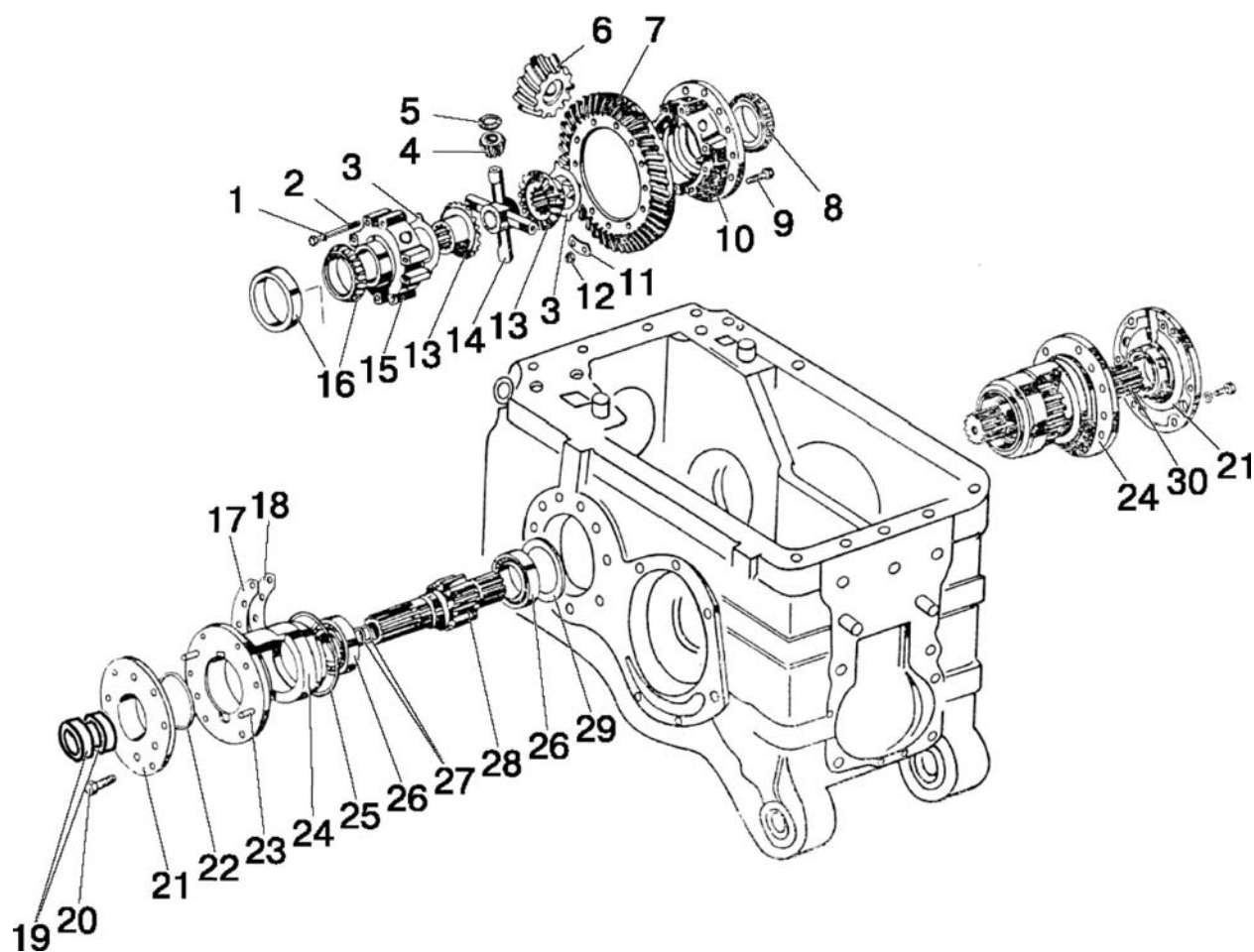


Fig.24.2. Differential. Bearing cage

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
24.2		85-2403020	1	Differential (1-5, 9-15)
		50-2403014	1	Final drive gears in pair (6, 7)
		50-2407050-A-01	2	Cage cover (19, 21, 22)
		85-2403015	1	Differential casing (10,15)
		70-2407060 70-2406060-04	1	Left cage (24-29) (twin-disk brake) Left cage (24-29) (three-disk brake)
		70-2407060-01 70-2407060-05	1	Right cage (24-27, 29, 30) (24-29) (twin-disk brake) Right cage (24-27, 29, 30) (24-29) (three-disk brake)
	1	12 OT OCT 37.001.115-75	8	Washer
	2	50-2403034-A	8	Bolt
	3	50-2403049-B	2	Bolster
	4	85-2403055-01	4	Pinion with bush
	5	85-2403025	4	Pinion washer
	6	50-1701105-B	1	Driving gear
	7	50-2403021-B or 50-2403021-B-01	1	Driven gear
	8	7515A ГОСТ 27365-87	1	Bearing
	9	50-1702092	12	Fitter bolt
	10	85-2403018	1	Casing
	11	50-2403023	6	Tightening plate
	12	M12-6H.6.019 ГОСТ 5915-70	12	Nut
	13	50-2403048	2	Half-axle gear
	14	50-2403062-A2	1	Cross
	15	85-2403019	1	Cover
	16	7215A ГОСТ 27365-87	1	Bearing
	17	50-2407056	14	Gasket 0.5 mm
	18	50-2407057	10	Gasket 0.2 mm
	19	KΦA-50x70	4	Cuff
	20	M12-6gx25.88.35.019 ГОСТ 7796-70	4	Bolt
	21	85-2407059	2	Cage cover
	22	ЦС110-1414045-4 (104-110-40-1-4 ГОСТ 18829-73/9833-73)	2	Ring
	23	50-1601352	4	Pin
	24	50X-2407042	2	Cage
	25	160-165-36-1-4 ГОСТ 18829-73/9833-73	2	Ring
	26	6-42212KM ГОСТ 8328-75	4	Bearing
	27	035-040-30-1-4 ГОСТ 18829-73/9833-73	4	Ring
	28	70-2407053 70-2407053-04	1	Left gear (twin-disk brake) Left gear (three-disk brake)
	29	85-2407043	2	Ring
	30	70-2407053-01 70-2407053-05	1	Right gear (twin-disk brake) Right gear (three-disk brake)

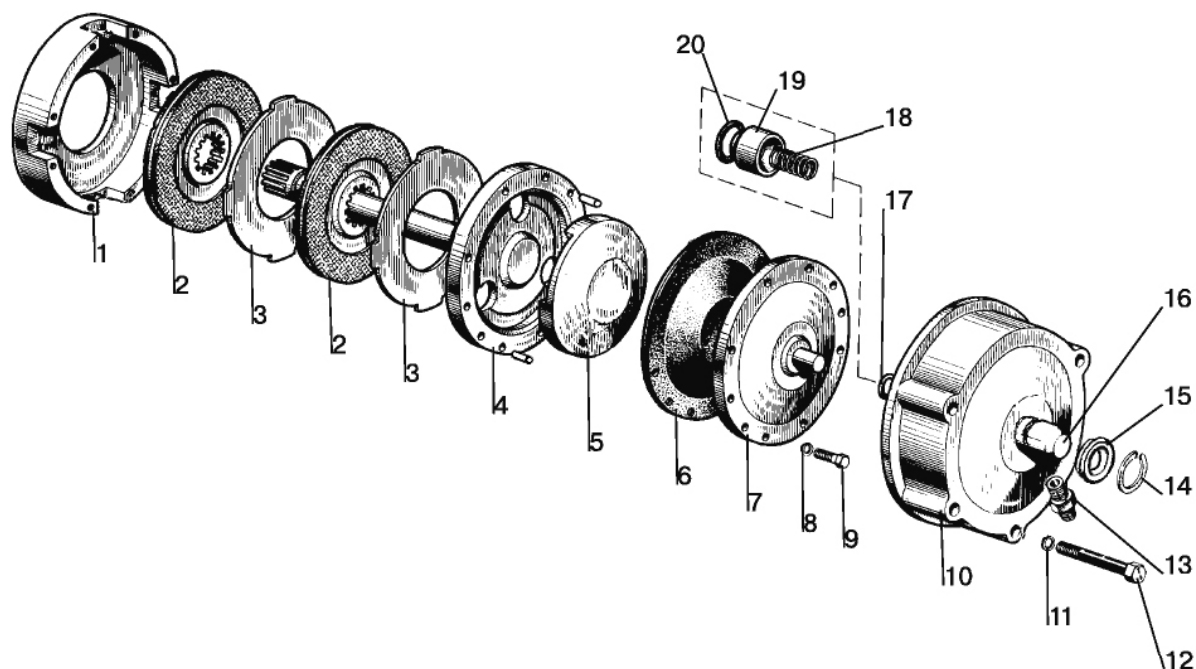


Fig. 24.3. Differential lock mechanism

Group 24. Rear axle
Subgroup 2409. Differential lock mechanism

Fig. No.	Pos. No.	Designation	Q-ty	Description
24.3		70-2409010-B 70-2409010-B-01*	1	Lock-up clutch (1-9)
		82P-2409050	1	Adapter (10, 13-20)
	1	70-2409015-A	1	Clutch casing
	2	70-3502040-01 or 70-3502040-04	2	Brake disk
	3	70-2409028	2	Throw-out disk
	4	70-2409020 70-2409020-01*	1	Lock-up shaft
	5	70-2409018	1	Pressure plate
	6	70-2409021	1	Diaphragm
	7	70-2409030-B	1	Diaphragm cover
	8	8T OCT 37.001.115-75	8	Washer
	9	M8-6gx40.88.35.019 ГОСТ 7795-70	8	Bolt
	10	70-2409035-A6	1	Cover
	11	12 OT OCT 37.001.115-75	5	Washer
	12	M12-6gx200.58.019 ГОСТ 7795-70 1522-2409034*	5	Bolt
	13	70-2409037	1	Connecting pipe
	14	C40 ГОСТ 13940-86	1	Ring
	15	82P-2409036A	1	Seal
	16	70-2409026-B	1	Adapter
	17	020-025-30-1-4 ГОСТ 18829-73/ГОСТ 9833-73	1	Ring
	18	54-06-448-A	1	Spring
	19	70-2409027-A	1	Bush
	20	70-2409033-B	1	Ring

* Variant for three-disk brakes

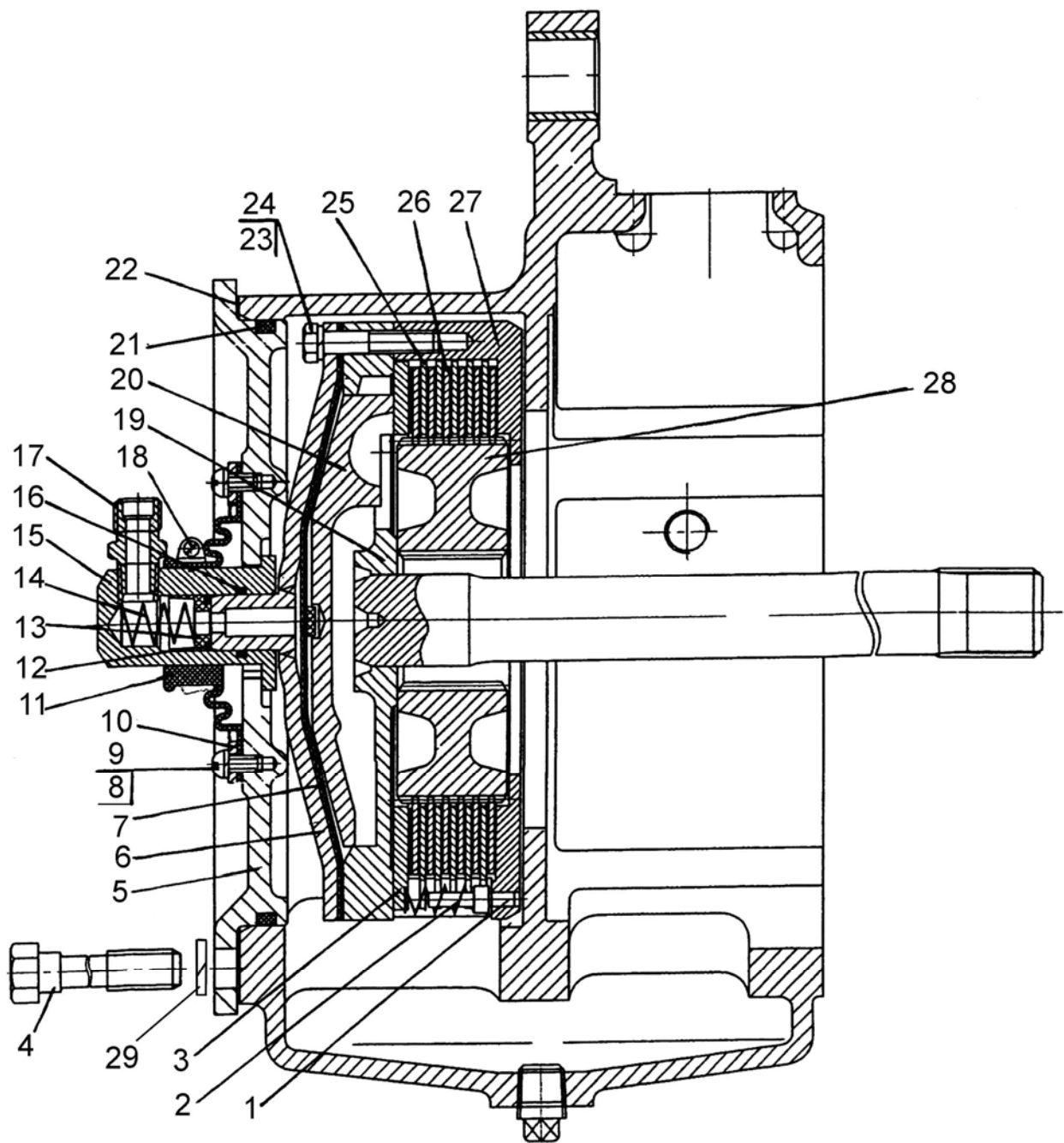


Fig.24.4. Wet-type differential lock mechanism

Group 24. Rear axle
Subgroup 2409. Wet-type differential lock mechanism

Fig. No.	Pos. No.	Designation	Q-ty	Description
24.4		80M-2409010	1	Lock-up clutch (1-3, 6, 7, 19, 20, 23-28)
		1221M-2409050	1	Adapter (5,8-18,21)
	1	80M-2409002	4	Pin
	2	50-1702148-A	4	Spring
	3	80M-2409028	1	Throw-out disk (S=4.7 mm)
		80M-2409028-01	*	Throw-out disk (S=4.4 mm)
		80M-2409028-02	*	Throw-out disk (S=4.1 mm)
		80M-2409028-03	*	Throw-out disk (S=3.8 mm)
		80M-2409028-04	*	Throw-out disk (S=3.5 mm)
		80M-2409028-05	*	Throw-out disk (S=3.2 mm)
		80M-2409028-06	*	Throw-out disk (S=3.0 mm)
	4	1221M-3502039	5	Bolt
	5	1221M-2409034	1	Cover
	6	70-2409030-B	1	Diaphragm cover
	7	70-2409021	1	Diaphragm
	8	B.M6-6gx10.58.019 ГОСТ 17473-80	8	Screw
	9	6T OCT 37.001.115-75	8	Washer
	10	80M-2409037	1	Ring
	11	80M-2409036	1	Seal
	12	70-2409033-B	1	Ring
	13	70-2409027-A	1	Bush
	14	54-06-448-A	1	Spring
	15	70-2409026-B	1	Adapter
	16	020-025-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	17	70-2409037	1	Connecting pipe
	18	32-50/9C6W	1	Clamp "NORMA"
	19	70-2409020-02	1	Lock-up shaft
	20	80M-2409018	1	Pressure plate
	21	205-215-58-2-2 ГОСТ 18829-73/9833-73	1	Ring
	22	1221M-2409051	1	Gasket
	23	M8-6gx40.88.35.019 ГОСТ 7795-70	8	Bolt
	24	8T OCT 37.001.115-75	8	Washer
	25	80M-2409016	5	Intermediate disk
	26	2522-1802035-A	6	Driving disk
	27	80M-2409015	1	Clutch casing
	28	80M-2409001	1	Hub
	29	14 OT OCT 37.001.115-75	5	Washer

* To be selected for ensuring the necessary gap during the assembling

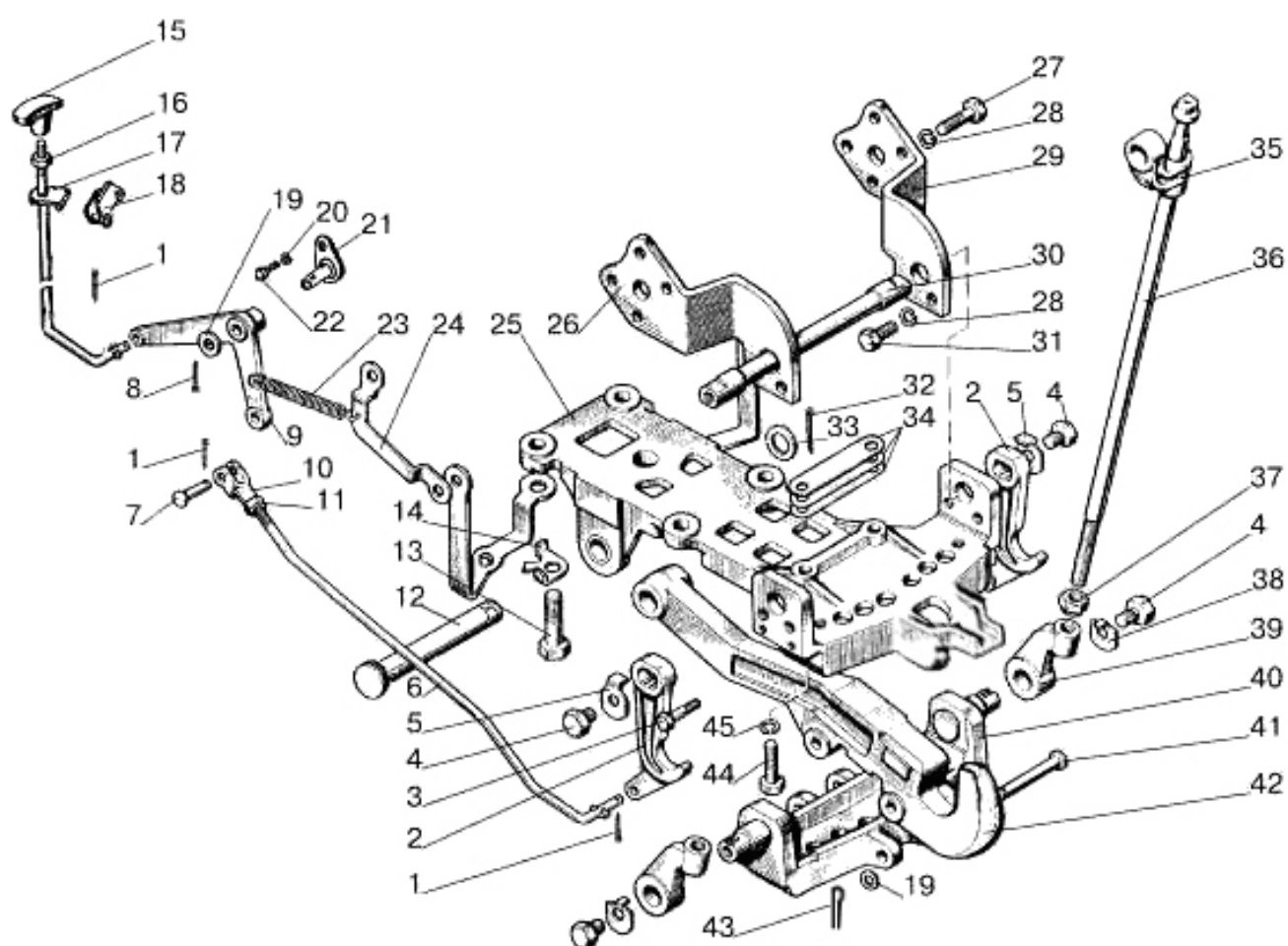


Fig.27.1. Hitch. Hook version (optional)

BELARUS

999/929/959/952

Group 27. Hitch
Subgroup 2707. Hitch. Hook version (optional).

Fig. No.	Pos. No.	Designation	Q-ty	Description
27.1		80-2707110-03	1	Hitch (1-45)
	1	3,2x18.019 ГОСТ 397-79	3	Cotter pin
	2	80-2807077	2	Gripping device
	3	80-2707118	1	Bolt
	4	80-2707137	4	Bolt
	5	80-2707153	2	Washer
	6	80-2707133-Б	1	Rod
	7	12x32 OCT 37.001.163-75	1	Pin
	8	3,2x25.019 ГОСТ 397-79	1	Cotter pin
	9	70-2807079	1	Lever
	10	50-3502203	1	Fork
	11	M12x1,25-6H.04.019 ГОСТ 5916-70	1	Nut
	12	80-4619019	1	Pin
	13	40-3104021	4	Bolt
	14	70-2807044	4	Washer
	15	50-1310136-A	1	Handle
	16	M8-6H.6.019 ГОСТ 5915-70	1	Nut
	17	80-2807080-Б	1	Handle
	18	85-2807092	1	Bracket
	19	C 16.01.019 ГОСТ 11371-78	1	Washer
	20	10 OT OCT 37.001.115-75	1	Washer
	21	70-1602120-Б	1	Axle flange
	22	M10-6gx16.88.35.019 ГОСТ 7796-70	1	Bolt
	23	50-1605152	1	Spring
	24	70-2807081	1	Bracket
	25	80-2707120-Б1	1	Bracket
	26	80-2707116	1	Side piece
	27	M16-6gx50.88.35.019 ГОСТ 7796-70	8	Bolt
	28	16 OT OCT 37.001.115-75	12	Washer
	29	80-2707116-01	1	Side piece
	30	80-2707141	1	Shaft
	31	M16-6gx32.88.35.019 ГОСТ 7796-70	4	Bolt
	32	6,3x36.019 ГОСТ 397-79	1	Cotter pin
	33	70-4619042	1	Washer
	34	70-2807039	2	Plate 1 mm
		70-2807039-01	1	Plate 0.5 mm
		70-2807039-02	2	Plate 0.2 mm
	35	70-2807051	2	Shackle
	36	70-2807052-Б	2	Screw
	37	40-3405062	2	Nut
	38	80-2707138	2	Washer
	39	70-2807053-Б	2	Nut
	40	80-2707130-Б	1	Cross-bar
	41	80-2707123	2	Shaft
	42	80-2707111-Б	1	Hook
	43	5x36.019 ГОСТ 397-79	2	Cotter pin
	44	80-2807026-01	2	Bolt
	45	18 OT OCT 37.001.115-75	2	Washer

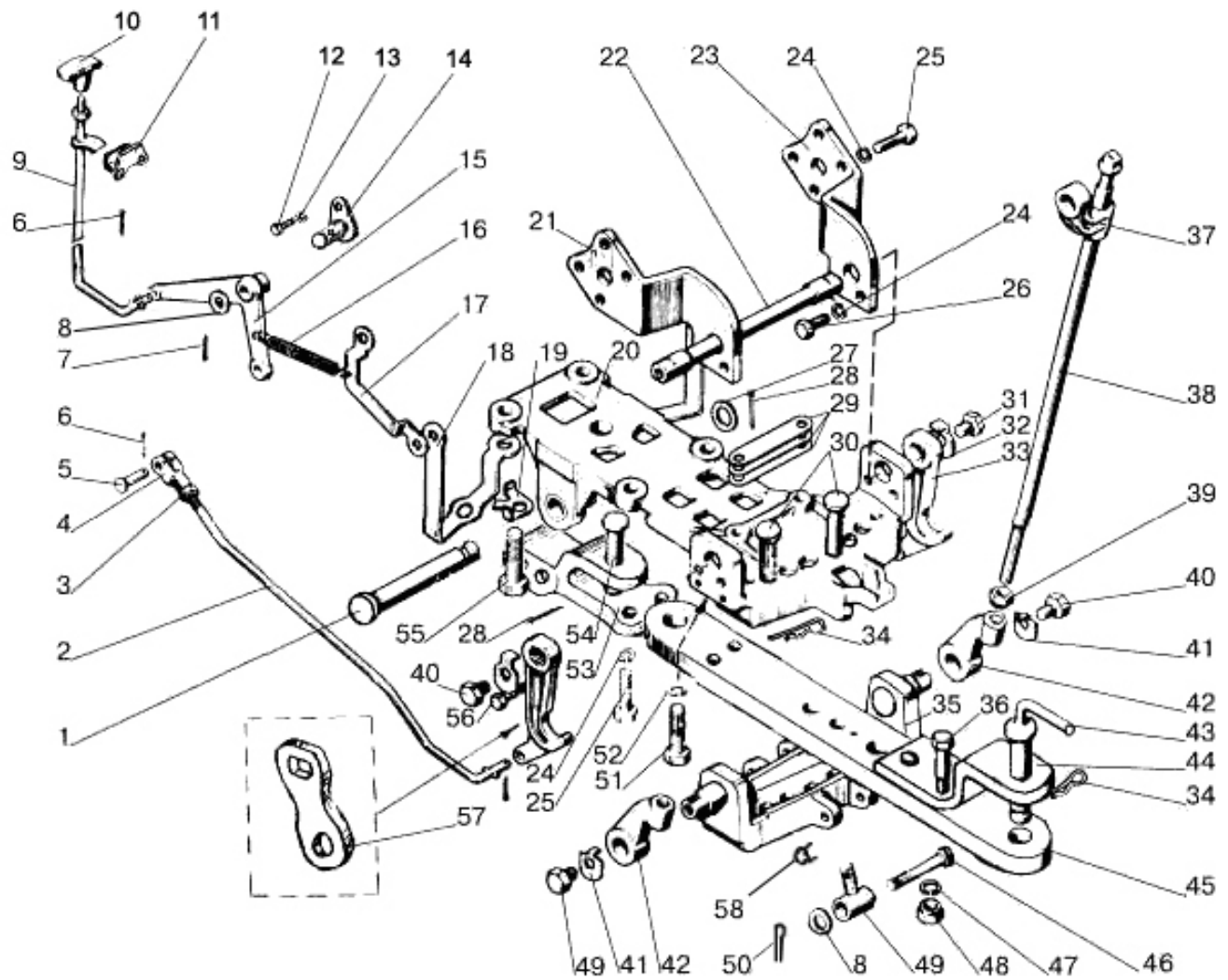


Fig.27.2. Hitch. "Pendulum" or "trailer" version (optional)

Group 27. Hitch.
Subgroup 2707. Hitch. "Pendulum" or "trailer" version

Fig. No.	Pos. No.	Designation	Q-ty	Description
27.2		80-2707110-01/-05		Hitch
	1	80-4619019	1	Pin
	2	80-2707133-B	1	Rod
	3	M12x1,25-6H.04.019 ГОСТ 5916-70	1	Nut
	4	50-3502203	1	Fork
	5	12x32 OCT 37.001.163-75	1	Pin
	6	3,2x18.019 ГОСТ 397-79	3	Cotter pin
	7	3,2x25.019 ГОСТ 397-79	1	Cotter pin
	8	C 16.01.019 ГОСТ 11371-78	2	Washer
	9	80-2807080-B	1	Handle
		M8-6H.6.019 ГОСТ 5915-70	1	Nut
	10	50-1310136-A	1	Handle
	11	85-2807092	1	Bracket
	12	M10-6gx16.88.35.019 ГОСТ 7796-70	1	Bolt
	13	8T OCT 37.001.115-75	1	Washer
	14	70-1602120-B	1	Axle flange
	15	70-2807079	1	Lever
	16	50-1605152	1	Spring
	17	70-2807081	1	Bracket
	18	80-2707129	1	Left plate
		80-2707129-01	1	Right plate
	19	70-2807044	4	Washer
	20	80-2707120-B	1	Bracket
	21	80-2707116	1	Side piece
	22	80-2707141	1	Shaft
	23	80-2707116-01	1	Side piece
	24	16 OT OCT 37.001.115-75	14	Washer
	25	M16-6gx50.88.35.019 ГОСТ 7796-70	8	Bolt
	26	M16-6gx32.88.35.019 ГОСТ 7796-70	4	Bolt
	27	70-4619042	1	Washer
	28	6,3x36.019 ГОСТ 397-79	1	Cotter pin
	29	70-2807039	2	Plate 1 mm
		70-2807039-01	1	Plate 0.5 mm
		70-2807039-02	2	Plate 0.2 mm
	30	80-2707128	2	Pin
	31	80-2707137	4	Bolt
	32	80-2707153	2	Washer
	33	80-2707077	2	Gripping device
	34	A61.07.001	2	Cotter pin
	35	80-2707130-B	1	Cross-bar
	36	80-2707149	3	Bolt
	37	70-2807051	2	Shackle
	38	70-2807052-B	2	Screw
	39	40-3405062	2	Nut
	40	80-2707137	4	Bolt
	41	80-2707138	2	Washer
	42	70-2807053-B	2	Nut
	43	50-4605079-B	1	Pin assembly
	44	80-2707143	1	Liner
	45	80-2707144-B1	1	Rod (for assembly 80-2707110-A1-01)
	46	80-2707123	2	Shaft
	47	20 OT OCT 37.001.115-75	3	Washer
	48	M20x1,5-6H.6.019 ГОСТ 5915-70	3	Nut
	49	80-2707126	2	Pin
	50	5x36.019 ГОСТ 397-79	2	Cotter pin

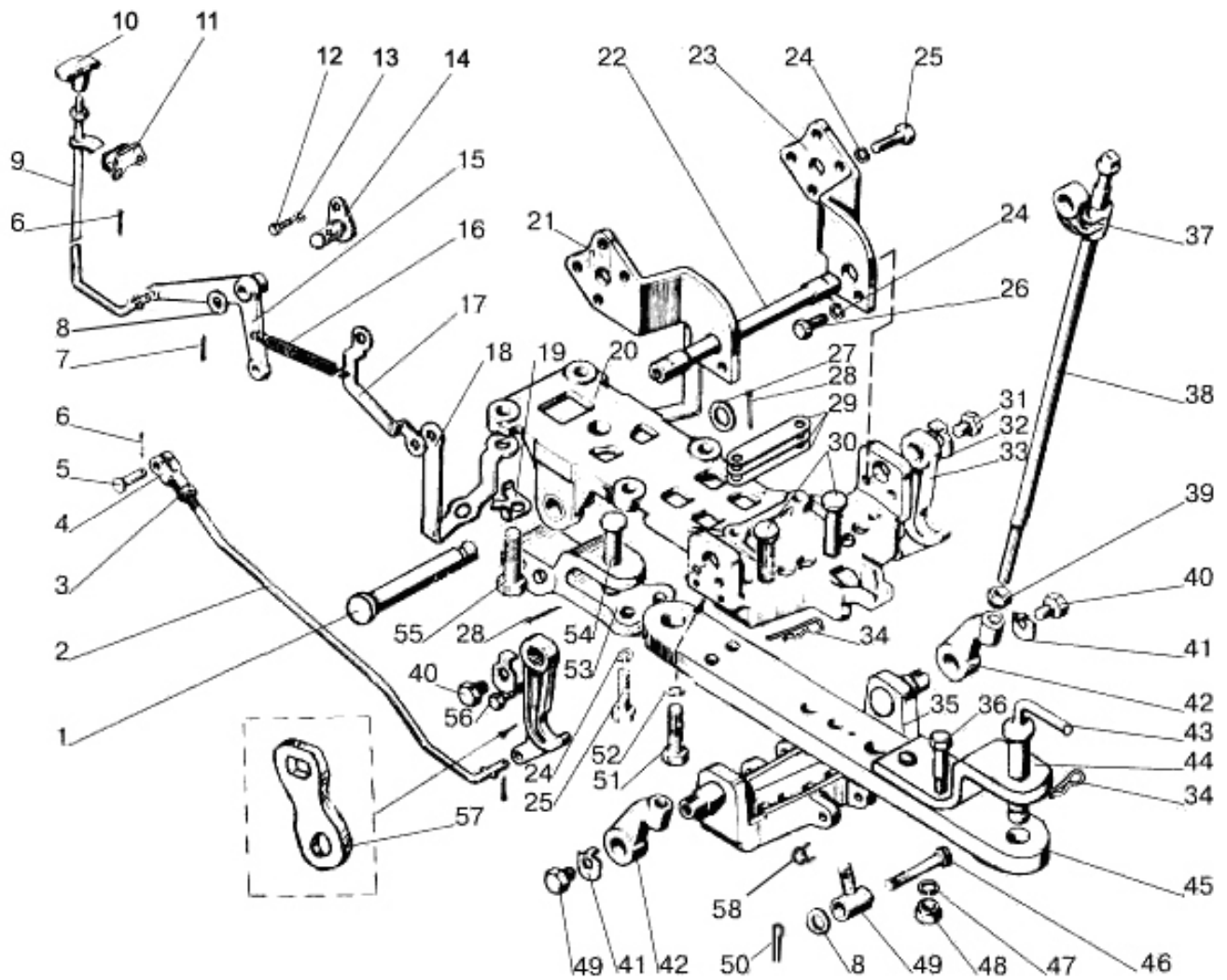


Fig.27.2. Hitch. "Pendulum" or "trailer" version (optional)

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Group 27. Hitch.

Subgroup 2707. Hitch. "Pendulum" or "trailer" version

Fig. No.	Pos. No.	Designation	Q-ty	Description
27.2	51	80-2807026-01	2	Bolt
	52	18 OT OCT 37.001.115-75	2	Washer
	53	80-2707124	1	Shackle
	54	80-2707127	1	Pin
	55	40-3104021	4	Bolt
	56	80-2707118	1	Bolt
	57	80-2707177	1	Plate
	58	A61.05.004	2	Ring

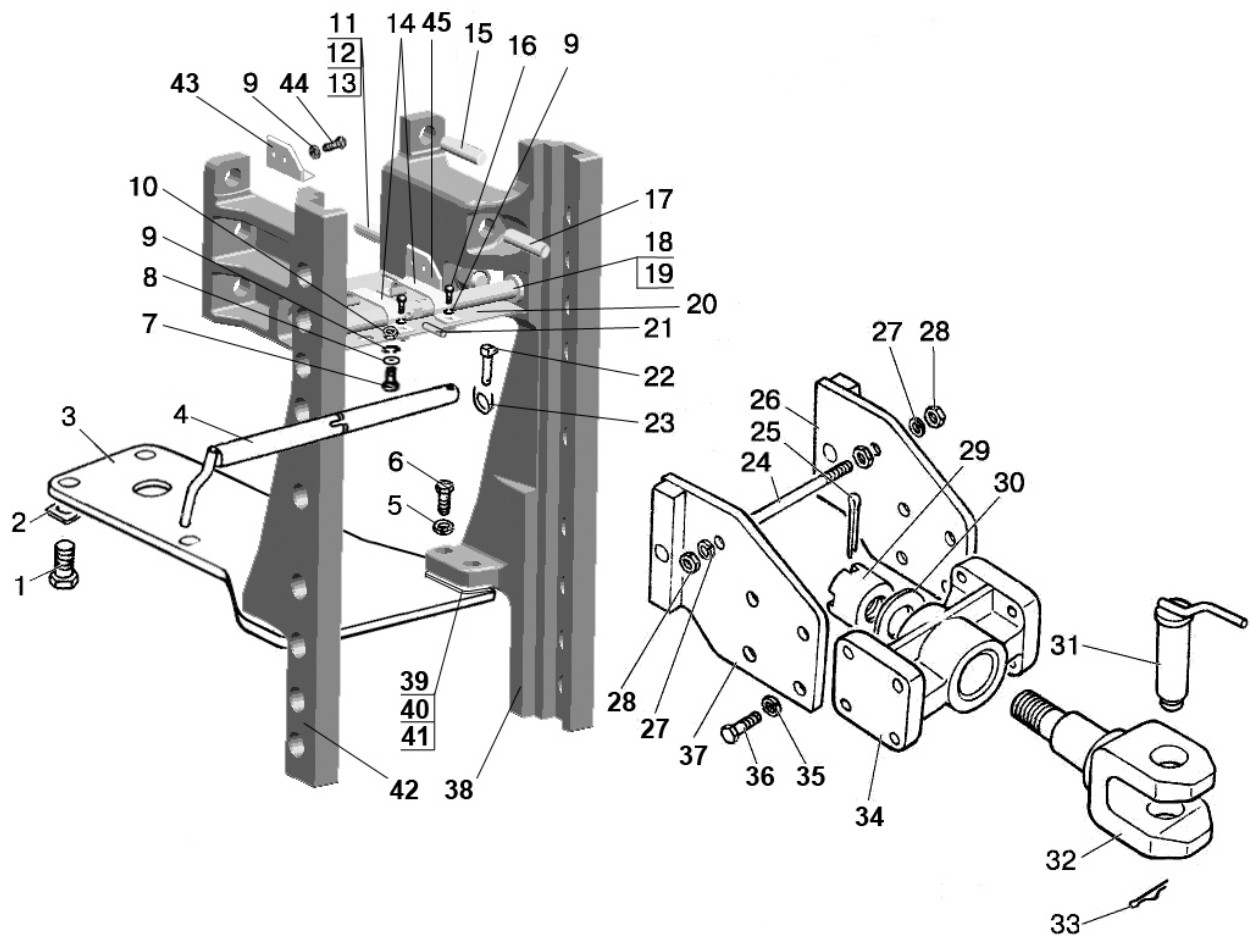


Fig.27.3 Traction hitch mechanism

Group 27. Hitch
Subgroup 2707. Traction hitch mechanism

Fig. No.	Pos. No.	Designation	Q-ty	Description
27.3		1322-2707210	1	Traction hitch mechanism
	1	1321-2707014	4	Bolt
	2	1222-2707137	2	Plate
	3	1321-2707011-Б	1	Plate
	4	1321-2707030	1	Pin
	5	16 OT OFCT 37.001.115-75	4	Washer
	6	1220-4605506	4	Bolt
	7	M6-6gx18.88.35.019 ГОСТ 7798-70	1	Bolt
	8	C 6.01.019 ГОСТ 11371-78	1	Washer
	9	6T OCT 37.001.115-75	9	Washer
	10	M6-6H.6.019 ГОСТ 5915-70	1	Nut
	11	921-2707068-02	2	Pin
	12	M20-6H.6.019 ГОСТ 5915-70	6	Nut
	13	20 OT OCT 37.001.115-75	6	Washer
	14	1321-2707083-Б	2	Cramp
	15	921-2707068	2	Pin
	16	M6-6gx12.88.35.019 ГОСТ 7798-70	4	Bolt
	17	921-2707068-03	2	Pin
	18	1322-2707274	1	Brace
	19	1322-2707211	1	Bush
	20	1322-2707280	1	Shield assembly
	21	A.6x30.65Г ГОСТ 14229-93	1	Pin
	22	A61.05.005	1	Locking pin
	23	A61.05.004	1	Ring
	24	1522-2707244	1	Brace
	25	6,3x63.019 ГОСТ 397-79	1	Cotter pin
	26	1321-2707070-Б-01	1	Plate
	27	16 OT OCT 37.001.115-75	2	Washer
	28	M16-6H.6.019 ГОСТ 5915-70	4	Nut
	29	1522-2707243	1	Nut
	30	1522-2707242	1	Washer
	31	1522-2707079-A	1	Pin assembly
	32	921-2707055	1	Fork
	33	A61.07.001-A	1	Cotter pin
	34	1321-2707051-Б	1	Bracket
	35	20 OT OCT 37.001.115-75	8	Washer
	36	680-2707024	8	Bolt
	37	1321-2707070-Б	1	Plate
	38	1322-2707261	1	Side piece
	39	900-2707135	2 (not more)	Plate
	40	900-2707135-01	2 (not more)	Plate
	41	900-2707135-02	2 (not more)	Plate
	42	1322-2707261-01	1	Side piece
	43	1322-2707262-01	1	Bracket
	44	M6-6gx16.88.35.019 ГОСТ 7798-70	4	Bolt
	45	1322-2707262	1	Bracket

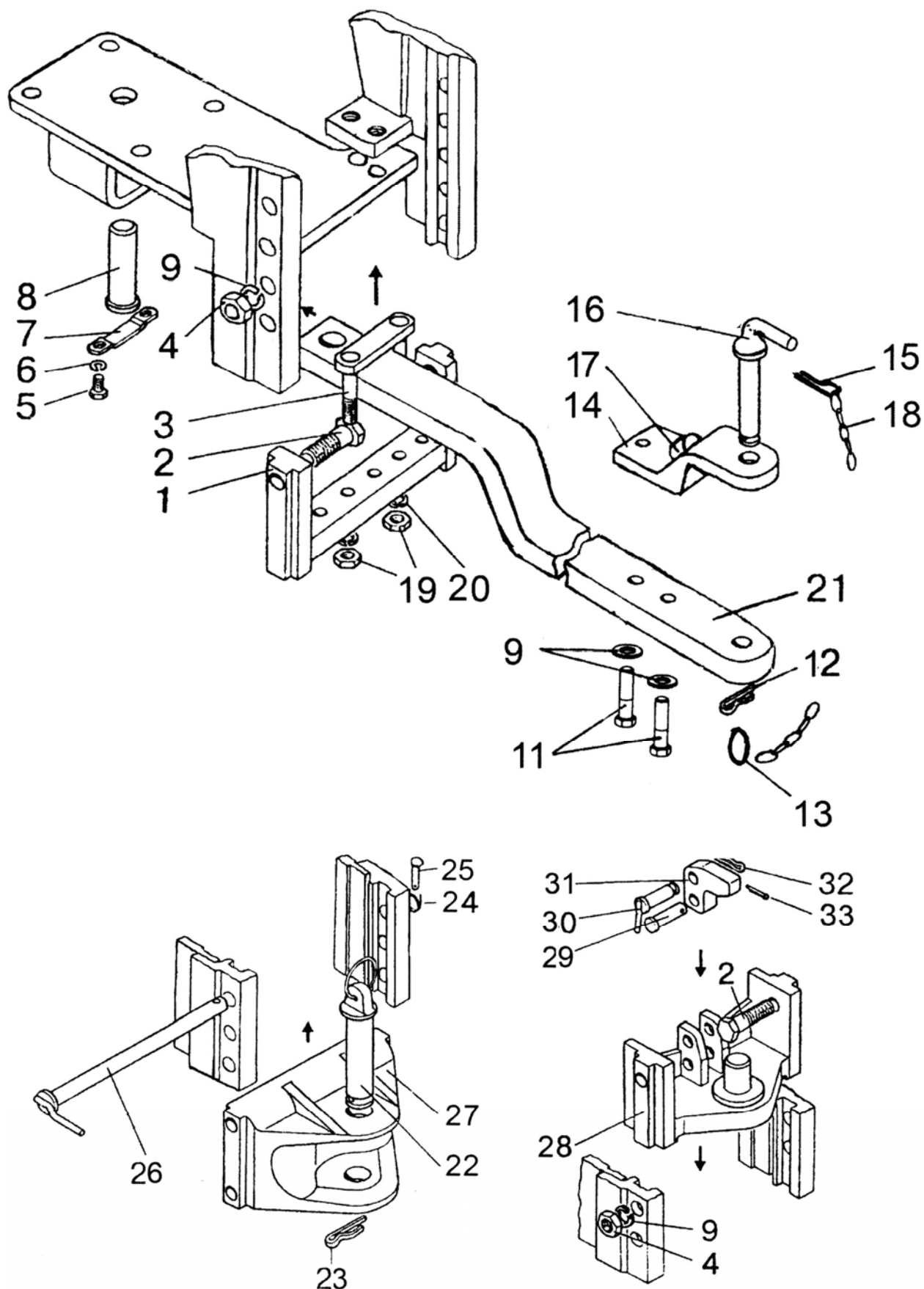


Fig.27.4. Traction hitch mechanism (equipment versions)

Group 27. Hitch
Subgroup 2707. Traction hitch mechanism (equipment versions)

Fig. No.	Pos. No.	Designation	Q-ty	Description
27.4		1321-2707150-B	1	Rod (9-18,21)
		1322-2707160	1	Python (28-33)
	1	1322-2707130-B	1	Cross-bar
	2	1322-2707133	4	Bolt
	3	1322-2707120-B	1	Cramp
	4	M20-6H.6.019 ГОСТ 5915-70	4	Nut
	5	M10-6gx20.88.35.019 ГОСТ 7796-70	2	Bolt
	6	10 OT OCT 37.001.115-75	2	Washer
	7	1522-2707126	1	Plate
	8	1522-2707127	1	Axle
	9	20 OT OCT 37.001.115-75	6	Washer
	11	1523-2707149-B	2	Bolt
	12	A61.07.001-A	1	Cotter pin
	13	H50-4202146	1	Ring
	14	1523-2707143	1	Liner
	15	3,2x25.019 ГОСТ 397-79	1	Cotter pin
	16	1522-2707079-A	1	Pin assembly
	17	1523-2707142	1	Cramp
	18	70-4235035	2	Chain
	19	M16-6H.6.019 ГОСТ 5915-70	2	Nut
	20	16 OT OCT 37.001.115-75	2	Washer
	21	1321-2707144-B	1	Rod
	22	1321-2707140-B	1	Pin assembly
	23	1321-2707042	1	Cotter pin
	24	A61.05.004	1	Ring
	25	A61.05.005	1	Locking pin
	26	1522-2707030	1	Pin
	27	1321-2707113-A or	1	Fork (EURO) L=110 mm
		1321-2707111-A	1	Fork (ГОСТ) L=160 mm
	28	1322-2707165	1	Plate with python
	29	1322-2707162-01	1	Pin
	30	1322-2707180	1	Pin
	31	1322-2707161	1	Stop
	32	A61. 07.001	1	Cotter pin
	33	4x36.019 ГОСТ 397-79	1	Cotter pin

L – distance from the PTO end to the pin assembly axis.

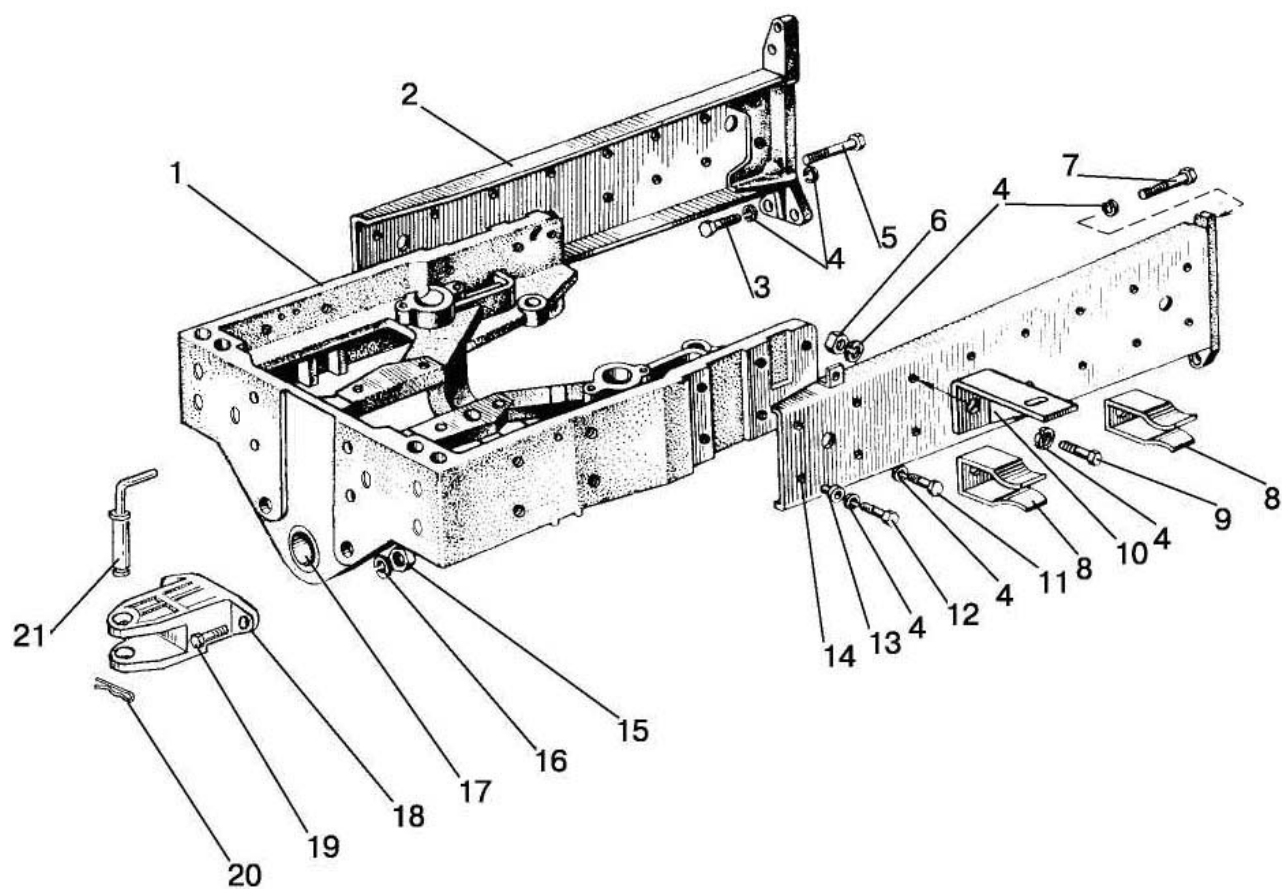


Fig. 28.1. Semiframe

Group 28. Frame
Subgroup 2801. Semiframe

Fig. No.	Pos. No.	Designation	Q-ty	Description
28.1		80-2800010-02 1025-2800010-01*	1	Semiframe (1, 2, 11-14, 17)
		70-2801120-A1-01 1025-2801120*	1	Front bar (1,17)
		80-2806010-01**	1	Front towing arrangement (15,16,18,19)
	1	50-2801124-A2-01 1025-2801124*	1	Front bar
	2	80-2801050 80-2801050-01*	1	Right-side member
	3	M16x6gx60.88.35.019 ГОСТ 7796-70	6	Bolt
	4	16 OT OCT 37.001.115-75	25	Washer
	5	70-2800016-01	2	Bolt
	6	M16-6H.6.019 ГОСТ 5915-70	1	Nut
	7	70-2800016 70-2800016-01*	2	Bolt
	8	50-3913214	2	Clamp
	9	M16-6gx32.88.35.019 ГОСТ 7796-70	2	Bolt
	10	80-3919106	2	Bracket
	11	M16-6gx32.88.35.019 ГОСТ 7796-70	8	Bolt
	12	M16-6gx45.88.35.019 ГОСТ 7796-70	4	Bolt
	13	50-2800011	4	Bush
	14	80-2801060 80-2801060-01*	1	Left side member
	15	M20-6H.6.019 ГОСТ 5915-70**	2	Nut
	16	20 OT OCT 37.001.115-75**	2	Washer
	17	40-3001022	2	Bush
	18	80-2806011**	1	Front towing arrangement
	19	70-4605036**	2	Bolt
	20	A61.07.001**	2	Cotter pin
	21	50-4605079-Б**	1	Pin assembly

* 900.3/920.3/950.3/952.3 (Euro-2)

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

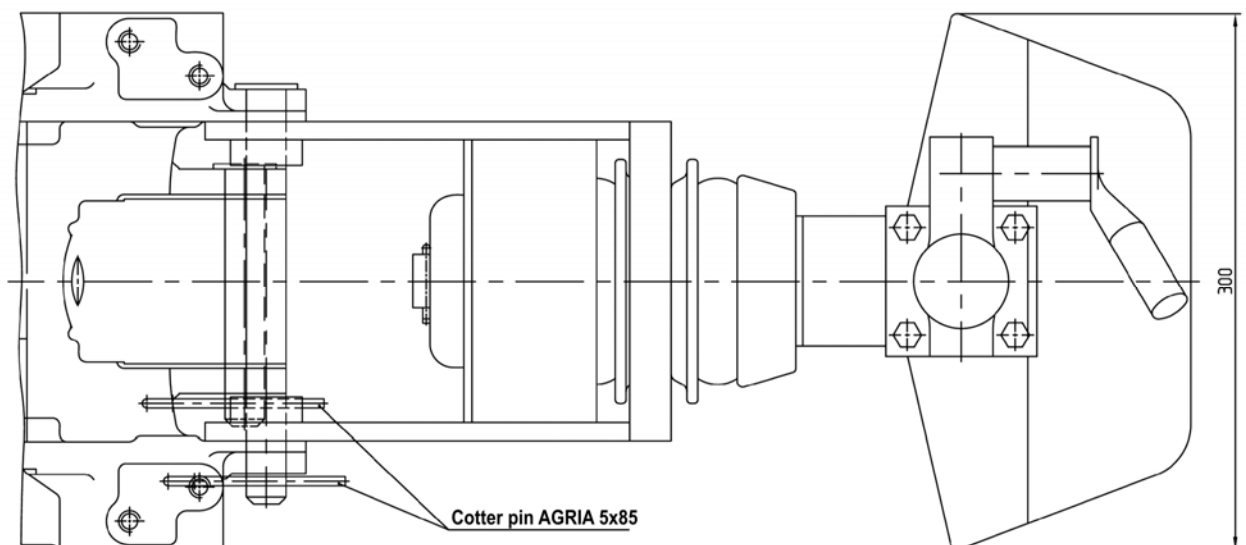
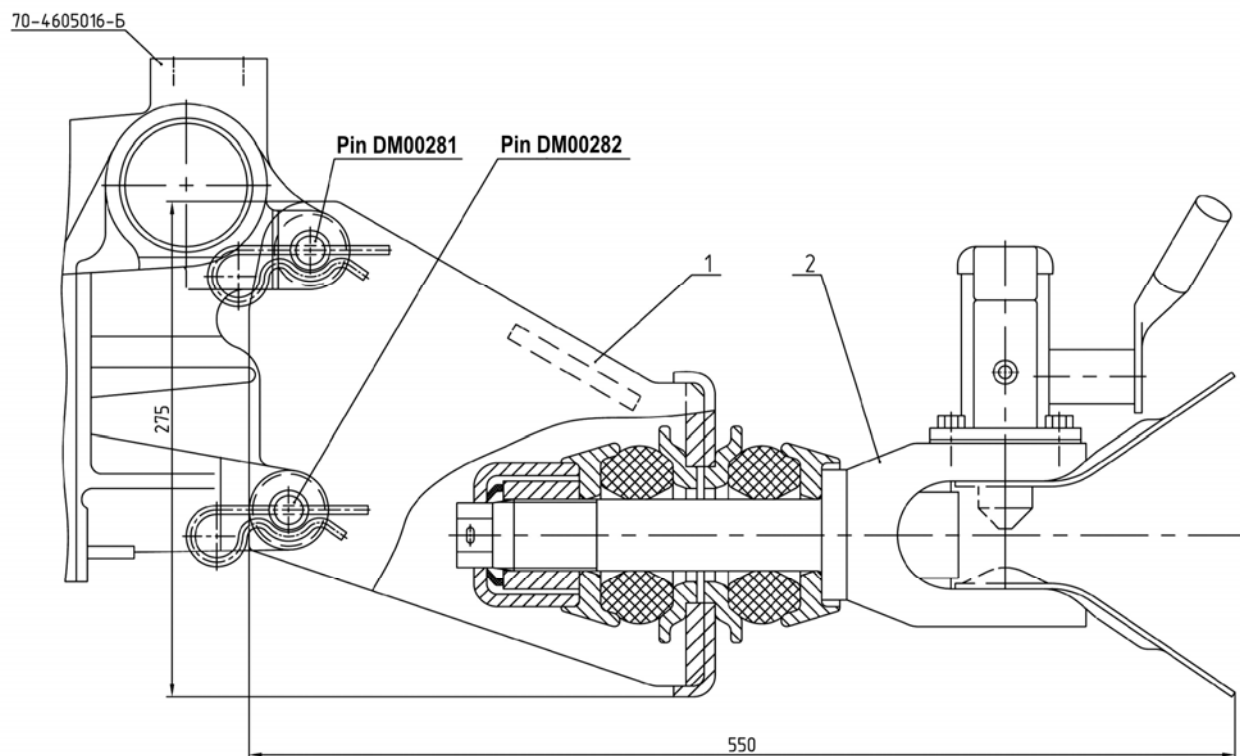


Fig.28.2. Towing arrangement

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Group 28. Frame
Subgroup 2805. Towing arrangement

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
28.2	1		1	Bracket 550 0364-2
	2		1	Towing arrangement ACV-40

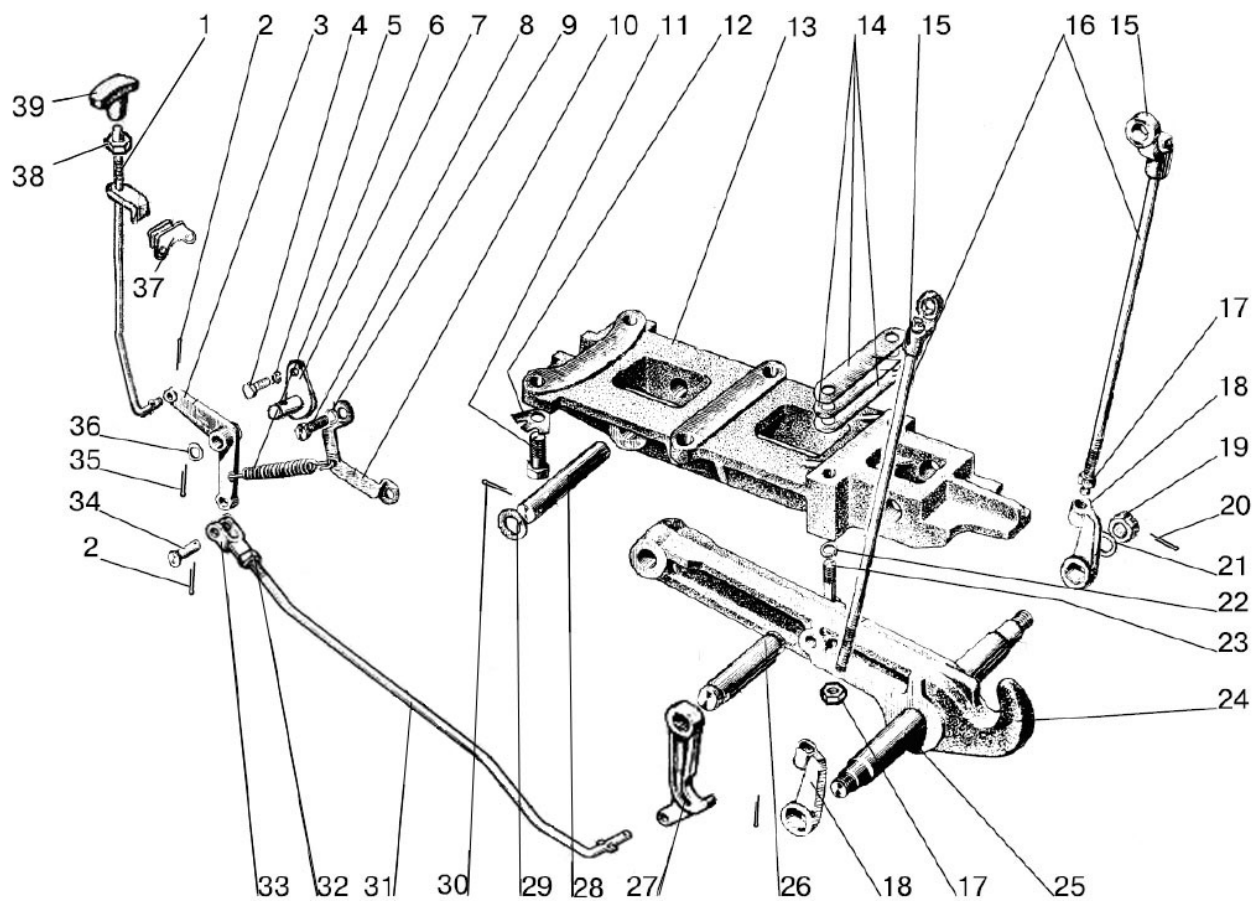


Fig.28.3. Hydroficated drawbar

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900/920/950/952

Group 28. Frame
Subgroup 2807. Hydroficated drawbar

Fig. No.	Pos. No.	Designation	Q-ty	Description
28.3		80-2807010	1	Drawbar (1-39)
		80-2807040	1	Rod (31-33)
		80-2807070	1	Hook (24, 25)
	1	80-2807180-B	1	Handle with catch
	2	3,2x18.019 ГОСТ 397-79	3	Cotter pin
	3	70-2807079	1	Lever
	4	M10-6gx20.88.35.019 ГОСТ 7796-70	1	Bolt
	5	10 OT OCT 37.001.115-75	1	Washer
	6	50-1605152	1	Spring
	7	70-1602120-B	1	Axle flange
	8	M16-6gx50.88.35.019 ГОСТ 7796-70	2	Bolt
	9	16 OT OCT 37.001.115-75	2	Washer
	10	70-2807081	1	Bracket
	11	40-3104021	4	Bolt
	12	70-2807044	4	Washer
	13	80-2807014	1	Bracket
	14	70-2807039	2	Plate 1.0 mm
		70-2807039-01	1	Plate 0.5 mm
		70-2807039-02	2	Plate 0.2 mm
	15	70-2807051	2	Shackle
	16	70-2807052-B-01	2	Bar screw
	17	40-3405062	2	Nut
	18	70-2807053-B	2	Bar nut
	19	M20x1,5-6H.04.019 ГОСТ 5919-73	2	Nut
	20	4x36.019 ГОСТ 397-79	2	Cotter pin
	21	C 20.01.019 ГОСТ 11371-78	2	Washer
	22	18 OT OCT 37.001.115-75	2	Washer
	23	80-2807026	2	Bolt
	24	80-2807011	1	Hook
	25	50-2807016	1	Hook axle
	26	70-2807047	1	Axle
	27	80-2807077	2	Gripping device
	28	50-2807013-B	1	Axle
	29	36-3503018	2	Washer
	30	6,3x36.019 ГОСТ 397-79	2	Cotter pin
	31	80-2807043-B	1	Rod
	32	M12x1,25-6H.04.019 ГОСТ 5916-70	2	Nut
	33	50-3502203	1	Fork
	34	12x32 OCT 37.001.163-75	1	Pin
	35	3,2x25.019 ГОСТ 397-79	1	Cotter pin
	36	C 16.01.019 ГОСТ 11371-78	1	Washer
	37	85-2807092	1	Bracket
	38	M8-6H.6.019 ГОСТ 5915-70	1	Nut
	39	50-1310136-A	1	Handle

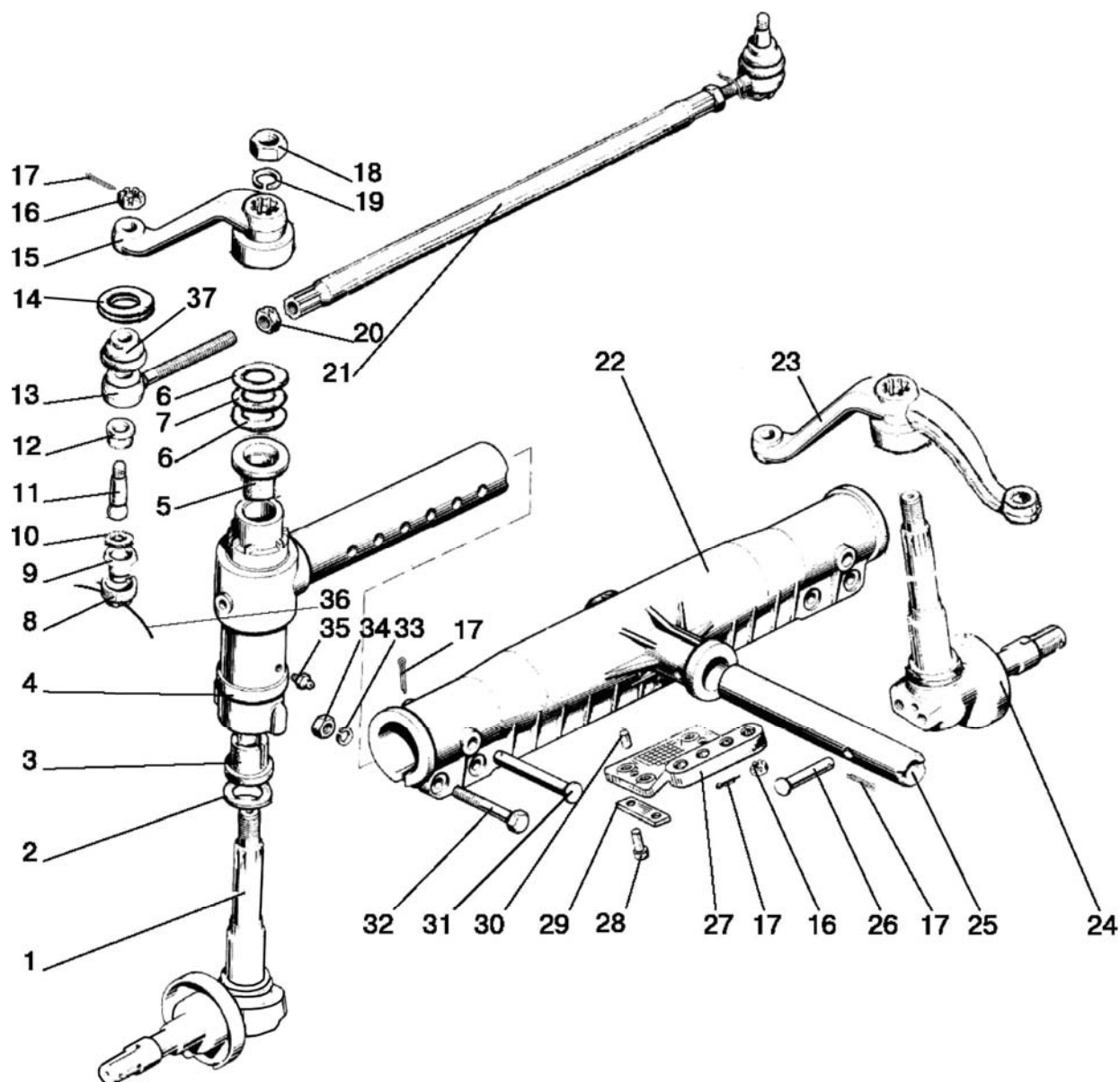


Fig. 30.1. Front axle and steering link

Group 30. Front axle
Subgroup 3000. Front axle and steering link

Fig. No.	Pos. No.	Designation	Q-ty	Description
30.1		80-3000030-03	1	Front axle (1-7, 15, 18, 19, 22-35)
		1220-3003010	1	Steering link (8-14, 16, 17, 20, 21)
	1	80-3001065-01	1	Right journal with semiring
	2	070-080-58-1-4 ГОСТ 18829-73/9833-73	2	Ring
	3	70-3001101-A	2	Bush
	4	80-3001070	2	Extensible knuckle
	5	70-3001102-A	2	Bush
	6	80-3001032	4	Washer
	7	80-3001031	2	Washer
	8	50-3003018-B	2	Plug
	9	1220-3003028	2	Lower bushing
	10	1220-3003027	2	Bushing
	11	1220-3003021	2	Ball pin
	12	1220-3003023	2	Upper bushing
	13	1220-3003022	1	Universal joint housing with right-hand thread
		1220-3003022-01	1	Universal joint housing with left-hand thread
	14	1220-3003029	2	Ring
	15	70-3001040	1	Lever right
	16	M20x1,5-6H.04.019 ГОСТ 5919-73	4	Nut
	17	4x36.019 ГОСТ 397-79	7	Cotter pin
	18	50-3001087	2	Nut
	19	27 Л OCT 37.001.115-75	2	Washer
	20	1220-3003013	1	Locknut with right-hand thread
		1220-3003013-01	1	Locknut with left-hand thread
	21	1220-3003011	1	Pipe
	22	50-3001010-A-01	1	Front axle
	23	70-3001040-01	1	Lever left
	24	80-3001065	1	left journal with semiring
	25	50-3000011	1	Pivot pin
	26	16x80 OCT 37.001.163-75	1	Pin
	27	Φ80-3001011	1	Bracket
	28	M16-6gx40.88.35.019 ГОСТ 7796-70	4	Bolt
	29	Φ80-3001013	2	Plate
	30	Д01-015	2	Pin
	31	6-20h11x120.40X.2.40 ГОСТ 9650-80	2	Axle
	32	M18x1,5-6gx100.88.35.019 ГОСТ 7795-70	4	Bolt
	33	18 OT OCT 37.001.115-75	4	Washer
	34	M18x1,5-6H.6.019 ГОСТ 5915-70	4	Nut
	35	1.3.Ц9.xp ГОСТ 19853-74	2	Greaser
	36	2,0-O-C ГОСТ 3282-74	2	Wire (270 mm)
	37	1220-3003025-A	2	Boot

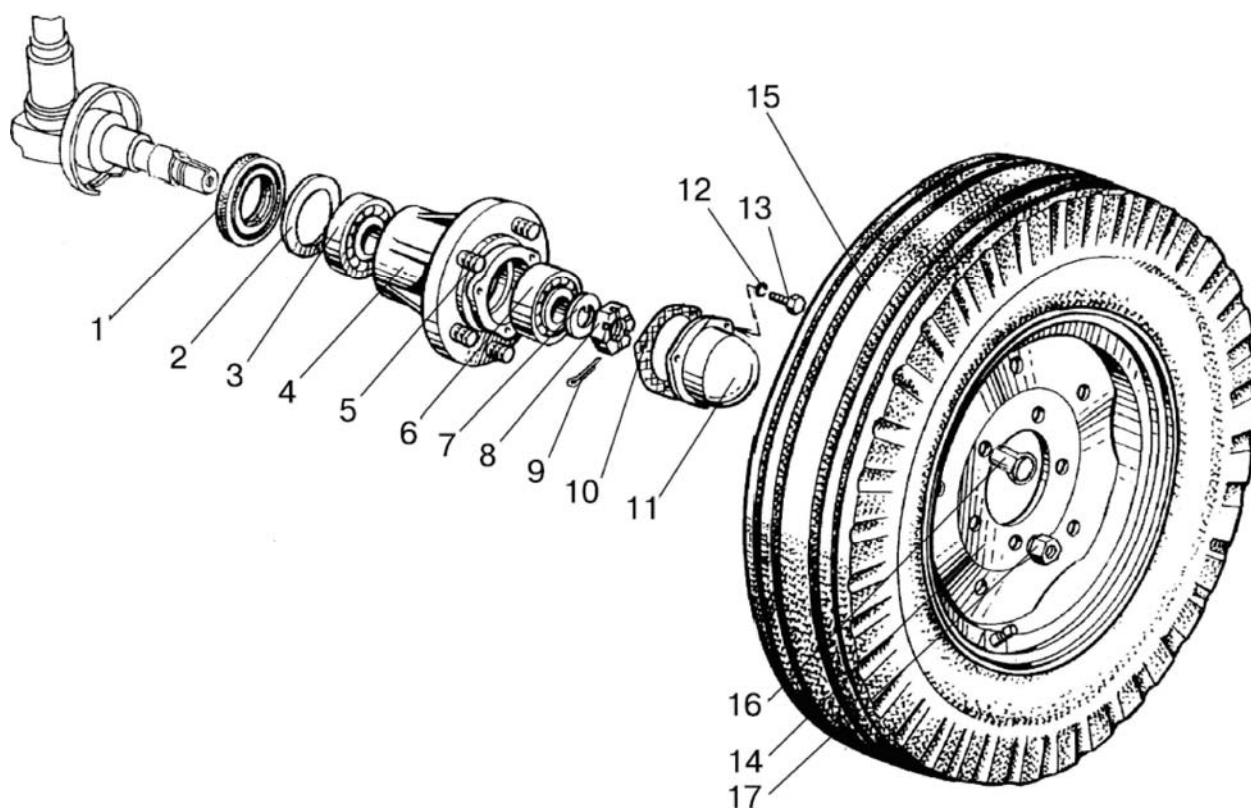


Fig. 31.1. Front guide wheels. Front wheel hubs. (For tractors with front axle)

Group 31. Wheels and hubs
Subgroup 3101, 3103. Front guide wheels.
Front wheel hubs. (For tractors with front axle)

Fig. No.	Pos. No.	Designation	Q-ty	Description
31.1		70-3103010-A	2	Front wheel hub (1-6)
	1	2.2-80x105-1 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	2	A04.03.020	2	Washer
	3	7609A ГОСТ 27365-87	2	Bearing
	4	A04.03.21	2	Hub
	5	40-3103016	10	Bolt
	6	7608A1 ГОСТ 27365-87	2	Bearing
	7	A04.03.019	2	Washer
	8	50-1701253-01	2	Nut
	9	5x45.019 ГОСТ 397-79	2	Cotter pin
	10	A04.03.014	2	Gasket
	11	A04.03.013-A	2	Cover
	12	8T OCT 37.001.115-75	6	Washer
	13	M8-6gx16.88.35.019 ГОСТ 7796-70	6	Bolt
	16	70-3104019-01	2	Special (auxiliary) nut
	17	40-3103017-01	8	Nut
		50-3100110	2	Wheel 7.50-20 (fitted with tyre) (14, 15)
	14	5.50F-20-3101020 or 40-3101010-A3	2	Wheel 5.50Fx20 (disk and rim)
	15		2	Tyre 7.50-20
		70-3100210-02	2	Wheel 9.00-20 (fitted with tyre) (14, 15)
	14	5.50F-20-3101020 or 40-3101010-A3	2	Wheel 5.50Fx20 (disk and rim)
	15		2	Tyre 9.00R20 model Бел-31 or 9.00-20 model ВФ-223 or 9.00R20 model Бел-311



Fig.31.2. Front driving wheels

BELARUS**900/920/950/952**

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
31.2		82-3101015-01	2	Wheel 11.2-20 (fitted with tyre) (1,2)
	1	CW9-20-3101020-A	2	Wheel W9x20 (rim, wheel disk with 8 holes, protective visor)
	2		2	Tyre 11.2-20
		82-3101015-02	2	Wheel 11.2-20 (fitted with tyre) (1,2)
	1	W9-20-3101020-A-01	2	Wheel W9x20 (rim, wheel disk with 5 holes, protective visor)
	2		2	Tyre 11.2-20
		86-3101020	2	Wheel 13.6-20 (fitted with tyre) (1,2)
	1	CW12-20-3101015-A	2	Wheel W12x20 (rim, disk, protective visor)
	2		2	Tyre 13.6-20 or 13.6R20 or 360/70R20
	3	40-3103017-01	16	Nut

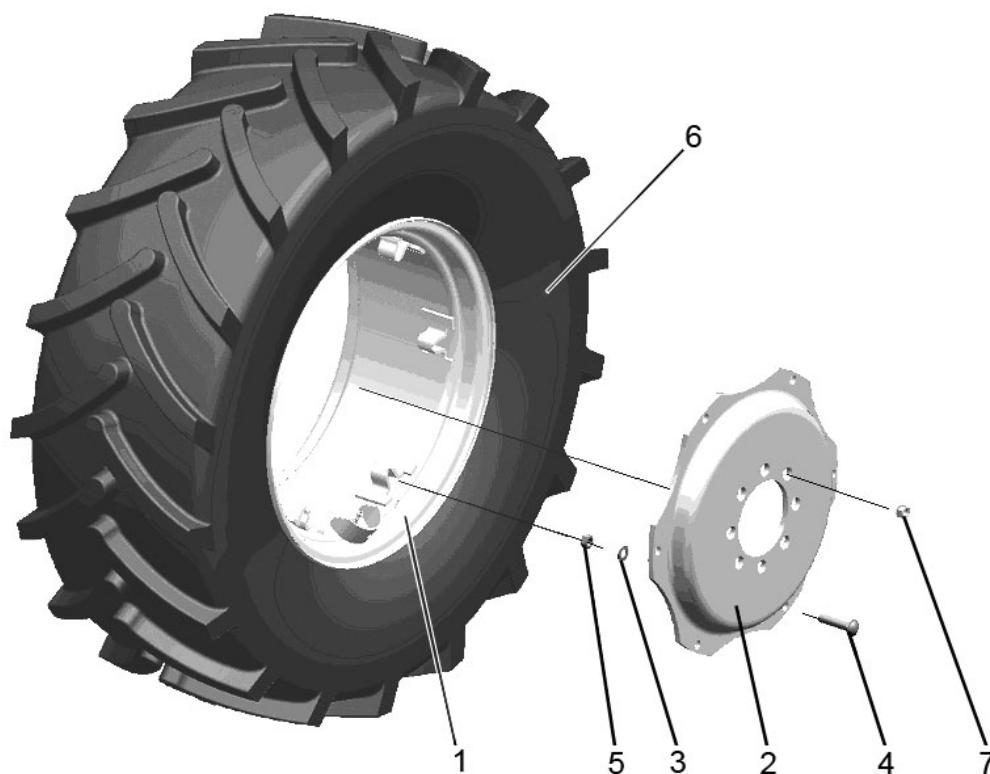


Fig.31.3. Front driving wheels



Fig.31.4. Front driving wheels

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
31.3		822-3101010	2	Wheel 360/70R24 (fitted with tyre) (1-6)
		W12-24-3101020-01 or 880.3101012-01	2	Wheel W12x24 (1,2,3,4,5)
	1	W12-24-3101035	2	Rim W12x24 with brackets
	2	W12-24-3101017	2	Disk
	3	52-2301065	12	Washer
	4	1221-3101011	12	Bolt
	5	1221-3101013 or M16x1,5-6H.10.019 ГОСТ 5915-70	12	Nut
	6		2	Tyre 360/70R24
	7	40-3103017-01	16	Nut

Fig. No.	Pos. No.	Designation	Q-ty	Description
31.4		822-3101015	2	Wheel 11.2R24* (fitted with tyre) (1,2)
	1	8133.3101012	2	Wheel W10x24
	2		2	Tyre 11.2R24
	3	40-3103017-01	16	Nut

* additional equipment

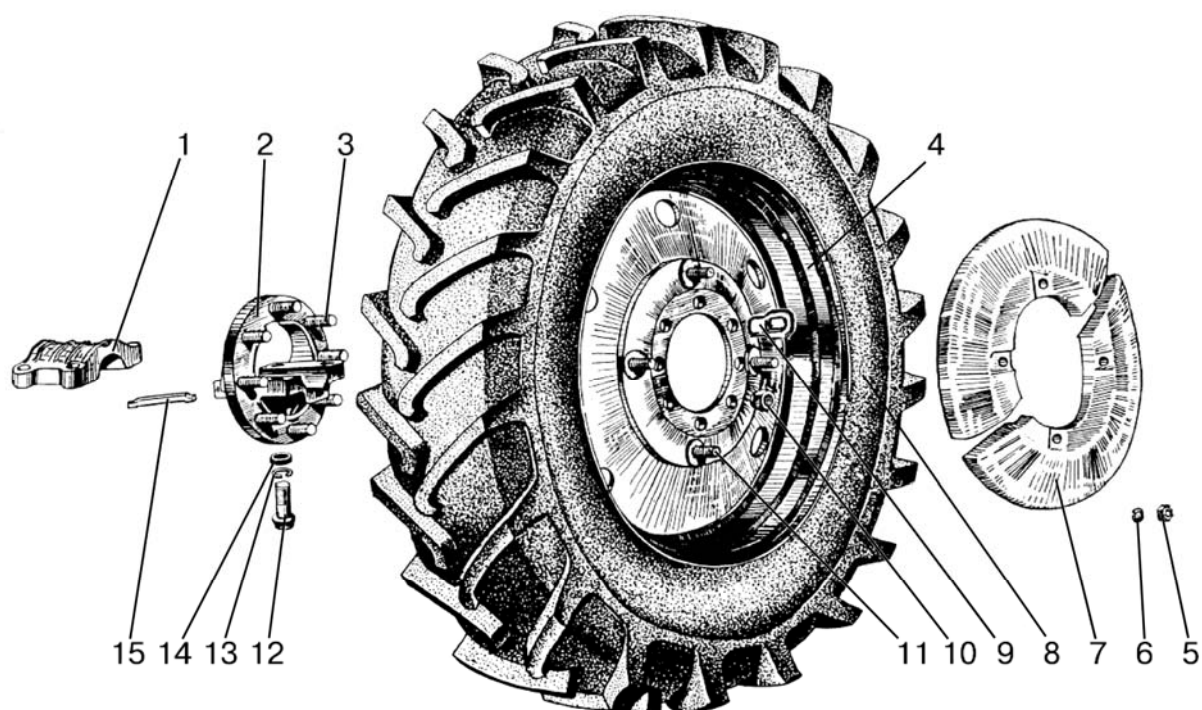


Fig. 31.5. Rear driving wheels. Rear wheel hubs

Group 31. Wheels and hubs
Subgroup 3104, 3107. Rear wheels. Rear wheel hubs

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
31.5		70-3100220-A	2	Wheel 15.5R38 (fitted with tyre) (4, 8)
	4	C70-3107012	2	Wheel DW14Lx38 (disk, rim, protective visor)
	8		2	Tyre 15.5R38
		72-3107010*	2	Wheel 16.9R38 (fitted with tyre) (4, 8)
	4	DW15Lx38-3107020 or 8746.3107012П3	2	Wheel DW15Lx38 (disk, rim, protective visor)
	8		2	Tyre 16.9R38
		72-3107010-05*	2	Wheel 16.9R38 (fitted with tyre) (4, 8)
	4	C70-3107012	2	Wheel DW14Lx38 (disk, rim, protective visor)
	8		2	Tyre 16.9R38
		80-3107010	2	Wheel 18.4R34 (fitted with tyre) (4, 8)
	4	C885.3107012	2	Wheel DW16x34 (disk, rim, protective visor)
	8		2	Tyre 18.4R34 (model Φ-11)
		50-3100030	2	Wheel 9.5-42 (fitted with tyre) (4, 8)
	4	50-3107050	2	Wheel DW8x42 (disk and rim)
	8		2	Tyre 9.5-42
		85-3107020	2	Wheel (fitted with tyre) (4, 8)
	4	50-3107050	2	Wheel DW8x42 (disk and rim)
	8		2	Tyre 11.2R42
		50-3100160	2	Wheel (fitted with tyre) (4, 8)
	4	C50-3107020	2	Wheel DW14x30 (disk, rim, protective visor)
	8		2	Tyre 18.4R30 or 18.4/78-30
		50-3104010-A1	2	Rear wheel hub (1-3, 9, 10, 12-14)
	1	70-3104025	2	Bushing
	2	50-3104015	2	Hub
	3	40-3104021	16	Bolt
	5	M16-6H.6.019 ГОСТ 5915-70	8	Nut
	6	16 OT OCT 37.001.115-75	8	Washer
	7	50-3107018-A	4	Weight (optional)
	9	70-3104019	2	Special (auxiliary) nut
	10	36-3104019	14	Nut
	11	7-34-108	8	Bolt
	12	50-3104028	8	Bolt
	13	27 Л OCT 37.001.115-75	8	Washer
	14	50-3104029	8	Spherical washer
	15	50-3104016	2	Key

* with ballast weight

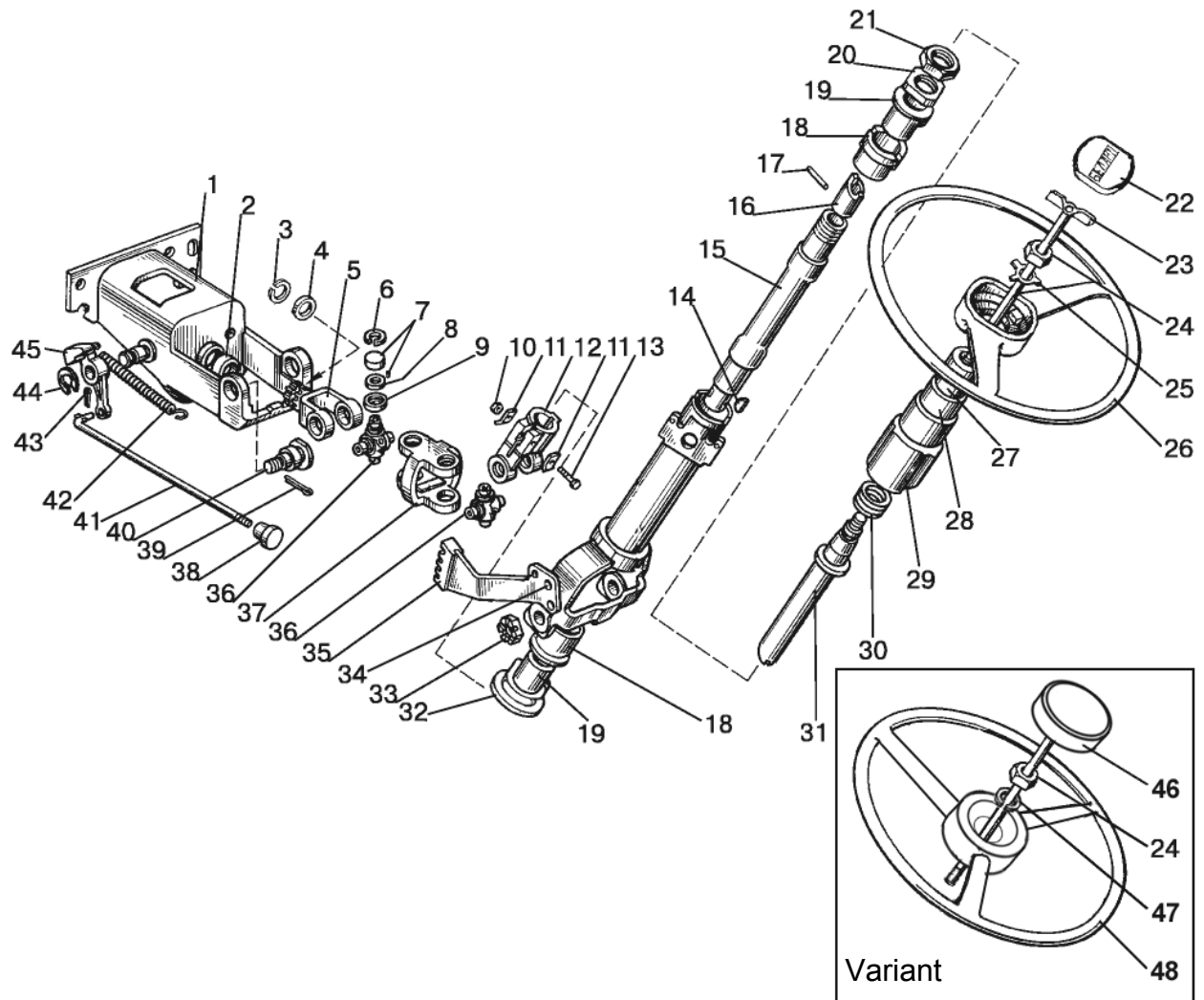


Fig. 34.1. Steering column

Group 34. Steering
Subgroup 3401. Steering column

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.1		85-3401010	1	Steering column (1-21, 32-37, 39, 40, 42, 44, 45)
		70-3401050-B	1	Shaft (15-17)
		85-3401150	1	Cardan joint (5-9, 12, 36, 37)
	1	85-3401120	1	Bracket
	2	85-3401016	1	Bush
	3	C20 ГОСТ 13940-86	1	Ring
	4	80-3401019	1	Washer
	5	85-3401156-B	1	Fork
	6	C19 ГОСТ 13943-86	8	Ring
	7	904700 УС17 ТУ 37.006.065-90	8	Bearing
	8	50-3401064	8	Gland
	9	50-3401063	8	Fixture
	10	M10-6H.04.019 ГОСТ 5916-70	1	Nut
	11	80-3401013	2	Washer
	12	50-3401061-A	1	Fork
	13	M10-6gx45.88.35.019 ГОСТ 7795-70	1	Bolt
	14	СШ-510	1	Key 5x10
	15	70-3401055	1	Intermediate shaft
	16	70-3401054-B	1	Shank
	17	ШЦК 8x36	1	Pin
	18	70-3401077-B	2	Shock-absorber
	19	70-3401076	2	Bush
	20	70-3401078	1	Nut
	21	70-3401079	1	Locknut
	22	80-3401082	1	Cover
	23	80-3401140	1	Clamp
	24	M16x1,5-6H.6.019 ГОСТ 5915-70	1	Nut
	25	50-3401091	1	Washer
	26	80-3402015	1	Steering wheel
	27	80-3709025	1	Bush
	28	80-3709026-B	1	Bush
	29	80-3709024	1	Boot
	30	50-4608057	1	Spring
	31	85-3401175	1	Shaft
	32	600-3401012	1	Washer
	33	70-3003032	2	Nut
	34	8x28.01.019 ГОСТ 10299-80	2	Rivet
	35	600-3401160	1	Sector
	36	50-3401062	2	Cross
	37	85-3401067	1	Fork
	38	70-3709012-A	1	Handle
	39	4x25.019 ГОСТ 397-79	2	Cotter pin
	40	85-3401011	2	Screw
	41	80-3401001	1	Rod
	42	50-1310158-B	1	Spring
	43	1,6x12.019 ГОСТ 397-79	1	Cotter pin
	44	C18 ГОСТ 13940-86	1	Ring
	45	85-3401014	1	Catch
	46	822-3401140-A1	1	Clamp
	47	16 ОТ OCT 37.001.115-75	1	Washer
	48	70-3402015-A	1	Steering wheel

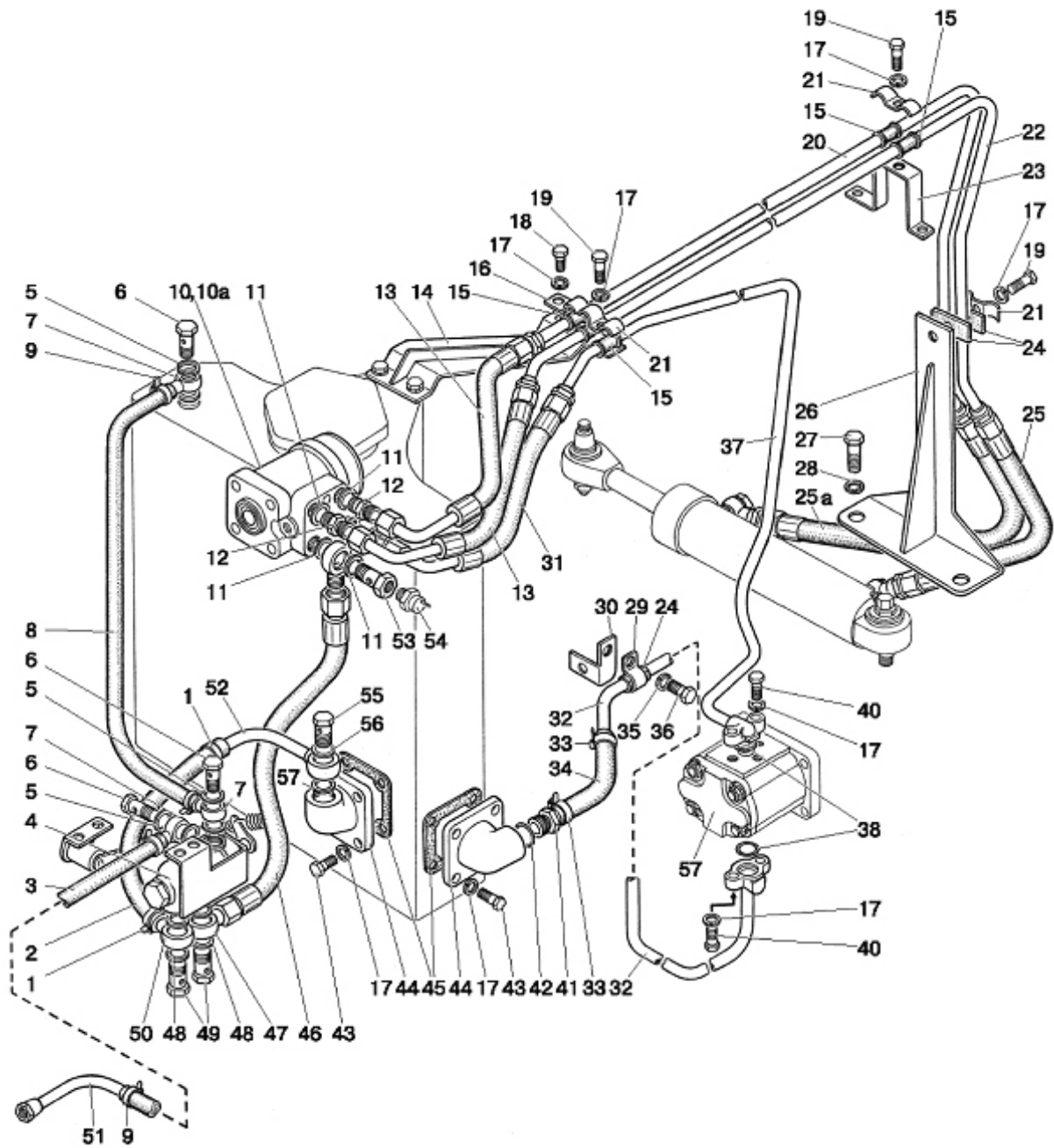


Fig. 34.2. Steering fittings

Group 34. Steering
Subgroup 3407. Steering fittings

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.2	1	"NORMA" TORRO 16-25/9-C6W	2	Clamp
	2	85-3407332	1	Connecting hose
	3	1021-4802062	1	Hose pipe
	4	80-4801200-B	1	Lock-up cock
	5	Д18-055-A-01	6	Washer
	6	Д18-051	3	Bolt
	7	Φ80-3407720	3	Oil pipeline
	8	950-480262-01	1	Hose
	9	"NORMA" TORRO 12-20/9-C6W	4	Clamp
	10	OSPC100 ON 150-1155 or SUB100-140.200-1 or LAGC100-10/200-140M01-100S or Д100-14.20-02	1	Metering pump (in case of installation of the FDA with bevel gear speed reducers)
	10a	OSPC 160 ON 150G030 or LAGC160-10/200-140M01-100S or SUB 160.140-200-1 or Д100-14.20-02	1	Metering pump (in case of installation of the FDA with planetary-cylindrical gear speed reducers Л63)
	11	Φ80-3407157	5	Washer
	12	Φ80-3407134	3	Connecting pipe
	13	680-4607140-05	2	High-pressure hose pipe
	14	890-3407131	1	Bracket
	15	70-3506027	5	Bush
	16	70-6804011	1	Holder
	17	8T OCT 37.001.115-75	16	Washer
	18	M8-6gx20.88.35.019 ГОСТ 7796-70	1	Bolt
	19	M8-6gx30.88.35.019 ГОСТ 7796-70	5	Bolt
	20	900-3407030	1	Oil pipeline
	21	70-3407146	3	Slat
	22	900-3407040	1	Oil pipeline
	23	952-3407013	1	Bracket
	24	70-4607158	3	Gasket
	25	952-3407100	1	High-pressure hose pipe
	25a	952-3407100-04	1	High-pressure hose pipe
	26	102-3407010	1	Bracket
	27	M16-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt
	28	16 OT OCT 37.001.115-75	2	Washer
	29	50-4607041	1	Bracket
	30	85-3407102	1	Bracket
	31	1522B-3407100-06	1	High-pressure hose pipe
	32	Φ80-3407760	1	Oil pipeline
	33	"NORMA" TORRO 20-32/9-C6W	2	Clamp
	34	952-3407014	1	Hose
	35	10 OT OCT 37.001.115-75	1	Washer
	36	M10-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	37	Φ80-3407510	1	Oil pipeline
	38	017-022-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	40	M8-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	41	952-3407050	1	Connecting pipe
	42	021-025-25-1-4 ГОСТ 18829-73/9833-73	1	Ring
	43	M8-6gx25.88.35.019 ГОСТ 7796-70	8	Bolt
	44	85-3407101	2	Branch pipe

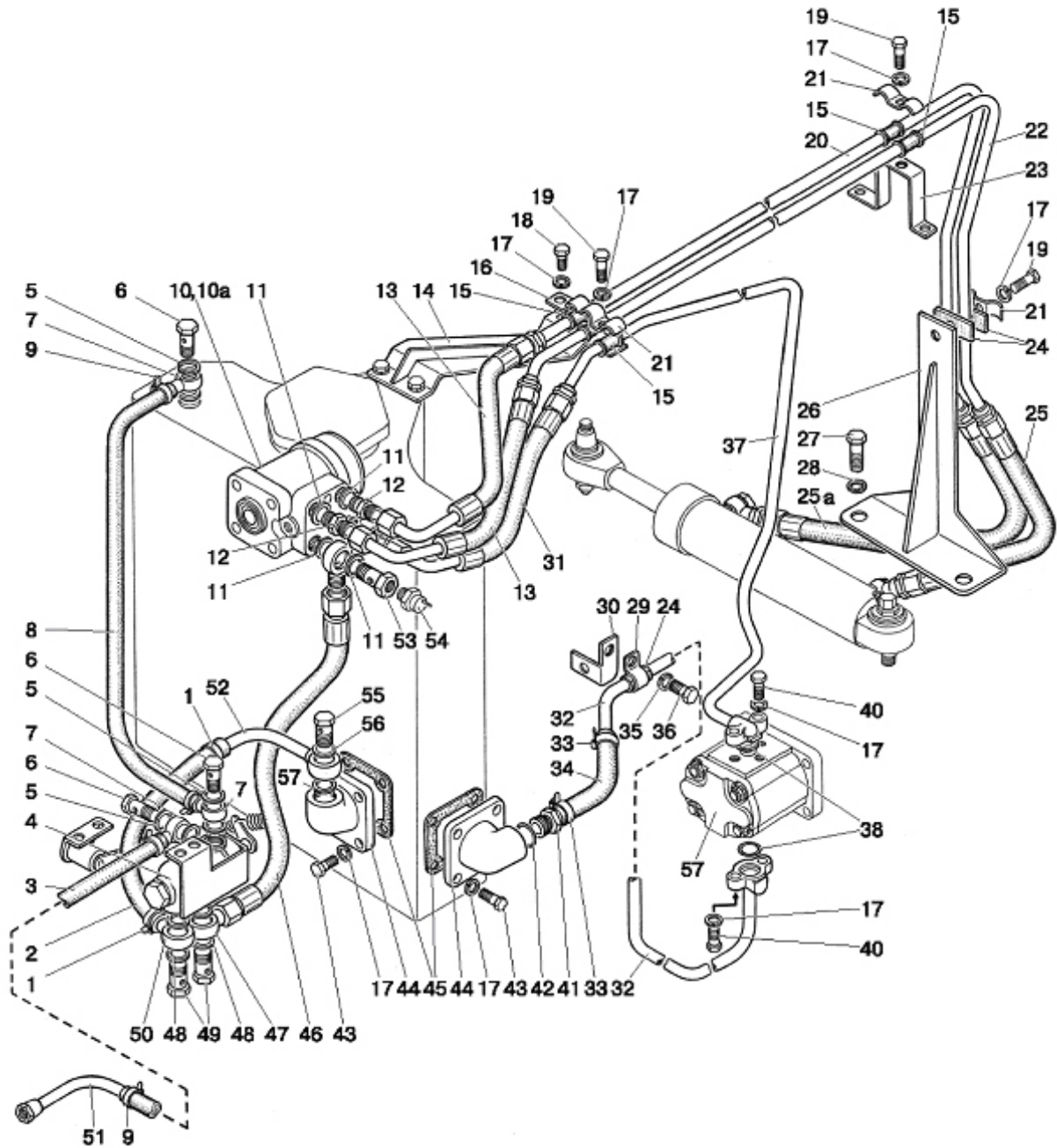
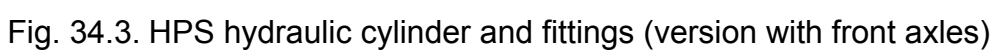


Fig. 34.2. Steering fittings

Group 34. Steering
Subgroup 3407. Steering fittings

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



Group 34. Steering
Subgroup 3405, 3407. HPS hydraulic cylinder and fittings
 (version with front axles)

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.3	1	70-3001040	1	Lever right
	2	952-3407100	1	High-pressure hose pipe
	3	1220-3003010	1	Link assembly
	4	50-3001087	2	Nut
	5	27 Л OCT 37.001.115-75	2	Washer
	6	70-3001040-01	1	Lever left
	7	4x36.019 ГОСТ 397-79	2	Cotter pin
	8	M20x1,5-6H.6.019 ГОСТ 5915-70	2	Nut
	9	Φ80-3405101Б	2	Pin
	10	Φ80-3405108	4	Seal cup
	11	Φ80-3405109	4	Joint seal
	12	Φ80-3405107	4	Spherical bush
	13	Ц50-3405215-A	1	Hydraulic cylinder Ц50x25-200
	14	Φ80-3405102B	2	Bush
	15	C 20.01.019 ГОСТ 11371-78	2	Washer
	16	Φ80-3405103	2	Washer
	17	1.1.Ц9.xp ГОСТ 19853-74	2	Greaser
	18	M20-6H.6.019 ГОСТ 5915-70	2	Nut
	19	Φ80-3407201	2	Bolt
	20	Φ80-3407114	4	Washer
	21	952-3407020	2	Adapter
	22	Φ80-3001011	1	Bracket
	23	Φ80-3001013	2	Plate
	24	M16-6gx40.88.35.019 ГОСТ 7796-70	4	Bolt
	25	Д01-015	2	Pin
	26	50-3001010A-01	1	Front axle
	27	Φ80-3405112	1	Reducing sleeve
	28	952-3407100-04	1	High-pressure hose pipe

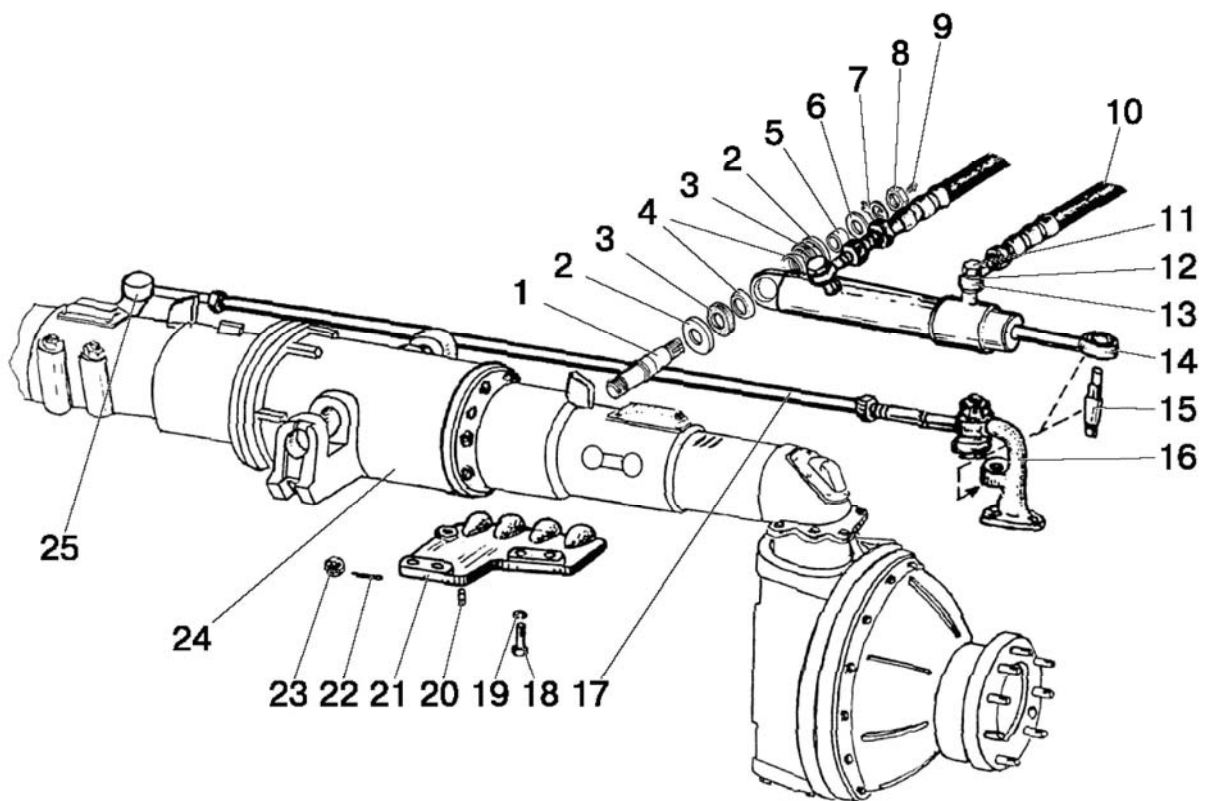


Fig. 34.4. HPS hydraulic cylinder and fittings (FDA 72-2300020-A-04)

Group 34. Steering

Subgroup 3405, 3407. HPS hydraulic cylinder and fittings (FDA 72-2300020-A-04)

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.4	1	102-3405103	1	Pin
	2	Φ80-3405108	4	Sealing cup
	3	Φ80-3405109	4	Joint seal
	4	Φ80-3405107	4	Spherical bush
	5	Φ80-3405102-B	2	Bush
	6	C 20.01.019 ГОСТ 11371-78	3	Washer
	7	Φ80-3405103	2	Retaining washer
	8	M20x1,5-6H.6.019 ГОСТ 5915-70	2	Nut
	9	1.1.Ц9.xp ГОСТ 19853-74	2	Greaser
	10	952-3407100	2	High-pressure hose pipe
	11	Φ80-3407201	2	Bolt
	12	Φ80-3407114	4	Washer
	13	952-3407020	2	Adapter
	14	Ц50-3405215-A-01	1	Hydraulic cylinder 50x25-200
	15	102-3405103-B	1	Pin
	16	72-2308075-01	1	Lever left
	17	1220-3003010	1	Steering link
	18	M16-6gx40.88.35.019 ГОСТ 7796-70	3	Bolt
	19	16 OT OCT 37.001.115-75	3	Washer
	20	Д01-015	2	Pin
	21	102-2301023-01	1	Bracket
	22	4x36.019 ГОСТ 397-79	2	Cotter pin
	23	70-4605316	2	Nut
	24	72-2300020-A-04	1	Front driving axle
	25	72-2308074	1	Lever right

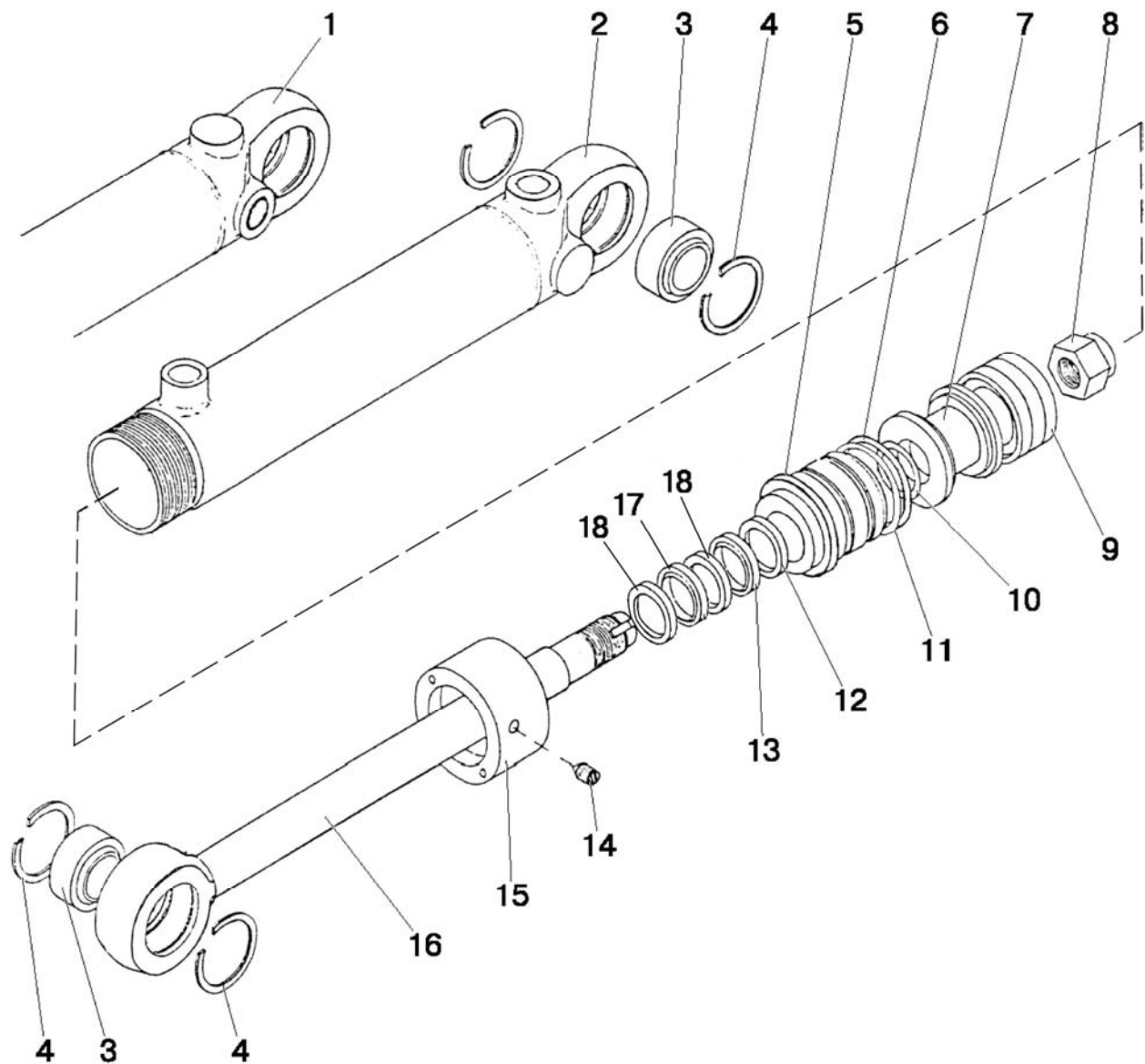


Fig. 34.5. Hydraulic cylinder 50x25-200

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.5		Л50-3405215-A*	1	Hydraulic cylinder 50x25-200 (2-18)
		Л50-3405215-A-01**	1	Hydraulic cylinder 50x25-200 (1, 3-18)
	1	Л50-3405220-01**	1	Cylinder body
	2	Л50-3405220*	1	Cylinder body
	3	ШС-25 ГОСТ 3635-78	2	Bearing
	4	С42 ГОСТ 13941-86	4	Ring
	5	Л50-3405218-Б	1	Front cover
	6	045-050-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	7	Л50-3405223-Б	1	Piston
	8	Л50-3405222	1	Piston nut
	9	24251797	1	Piston seal L43 50-34-20,5
	10	025-028-19-1-4 ГОСТ 18829-73/9833-73	1	Ring
	11	Л50-3405228	1	Protective ring
	12	24223269	1	Rod seal T20 25-33-5,7
	13	24004792	1	Rod cuff PU6 25-33,6-6,5
	14	A.M8-6gx10.45H.40X.05 ГОСТ 8878-93	1	Screw
	15	Л50-3405224	1	Sleeve nut
	16	Л50-3405221-Б	1	Rod
	17	24223123	1	Rod seal OMS-MR 25-32,3-3
	18	24226044	2	Rod guide SB 25-28-5,5

* for tractors with front axle

** for tractors with FDA 72-2300010

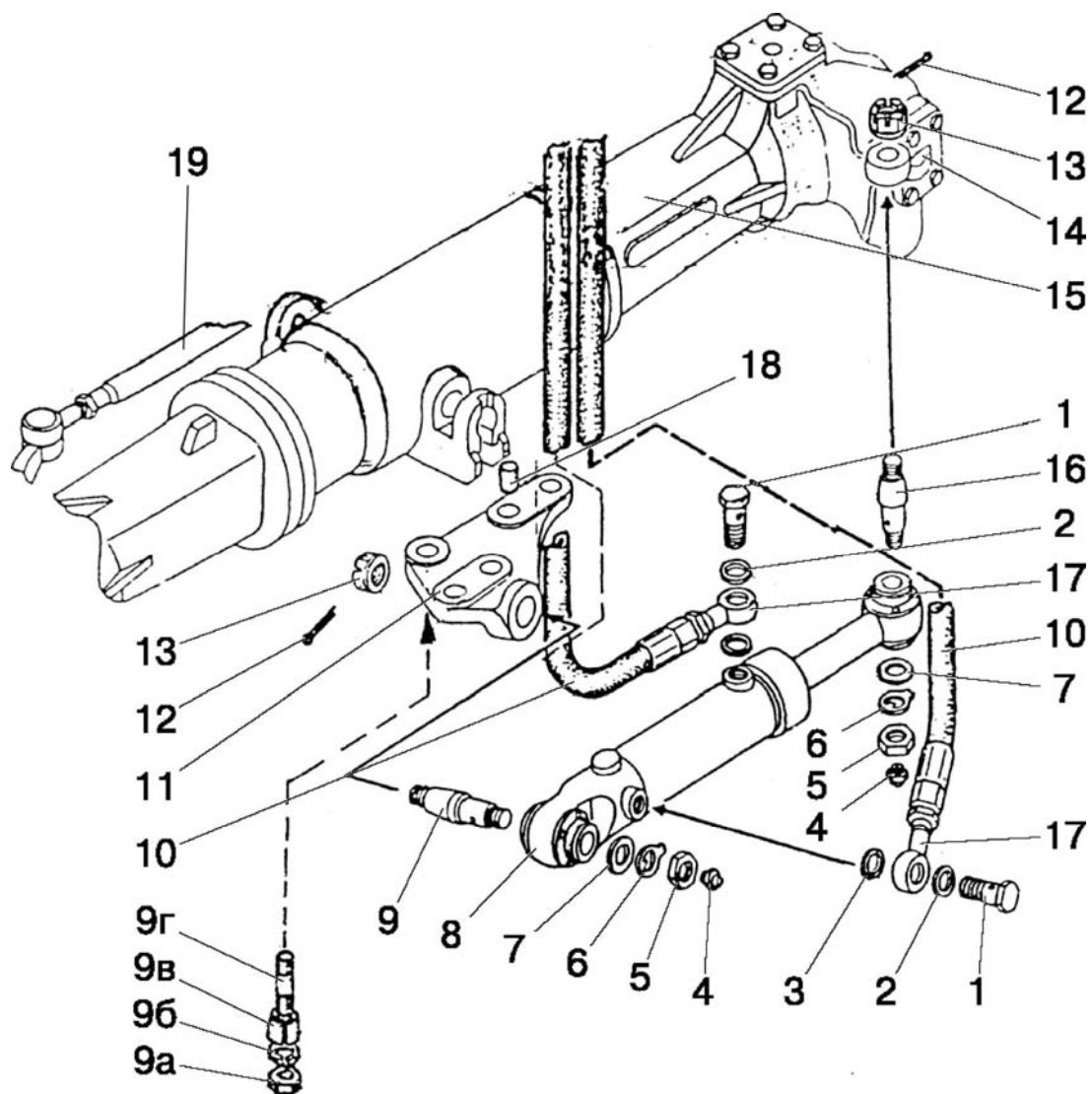


Fig. 34.6. Hydraulic cylinder Ц63 and HPS fittings (FDA 822-2300020-02/-04)

Group 34. Steering
Subgroup 3405, 3407. Hydraulic cylinder Ц63 and HPS fittings
(FDA 822-2300020-02/-04)

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.6	1	Φ80-3407201	2	Bolt
	2,3	Φ80-3407114	4	Washer
	4	1.1.Ц9.xp ГОСТ 19853-74	2	Greaser
	5	M20x1,5-6H.6.019 ГОСТ 5915-70	2	Nut
	6	Φ80-3405103	2	Retaining washer
	7	C 20.01.019 ГОСТ 11371-78	2	Washer
	8	Ц63-3405115-A-02	1	Hydraulic cylinder
	9	102-3405111	1	Pin
	9a	M16-6H.6.019 ГОСТ 5915-70	3	Nut
	9б	16 OT OCT 37.001.115-75	3	Washer
	9в	1520-2308077	3	Bush
	9г	1520-2308079	3	Pin
	10	952-3407100-04	2	High-pressure hose pipe
	11	822-2301023-B-01	1	Cylinder bracket
	12	4x36.019 ГОСТ 397-79	2	Cotter pin
	13	102-3405113	2	Pin nut
	14	1021-2308076	1	Bracket
	15	822-2300020-04	1	FDA (with cylinder Ц63)
	16	102-3405112-01	1	Pin
	17	952-3407020	2	Adapter
	18	Д01-015	2	Pin
	19	1220-3003010	1	Steering link

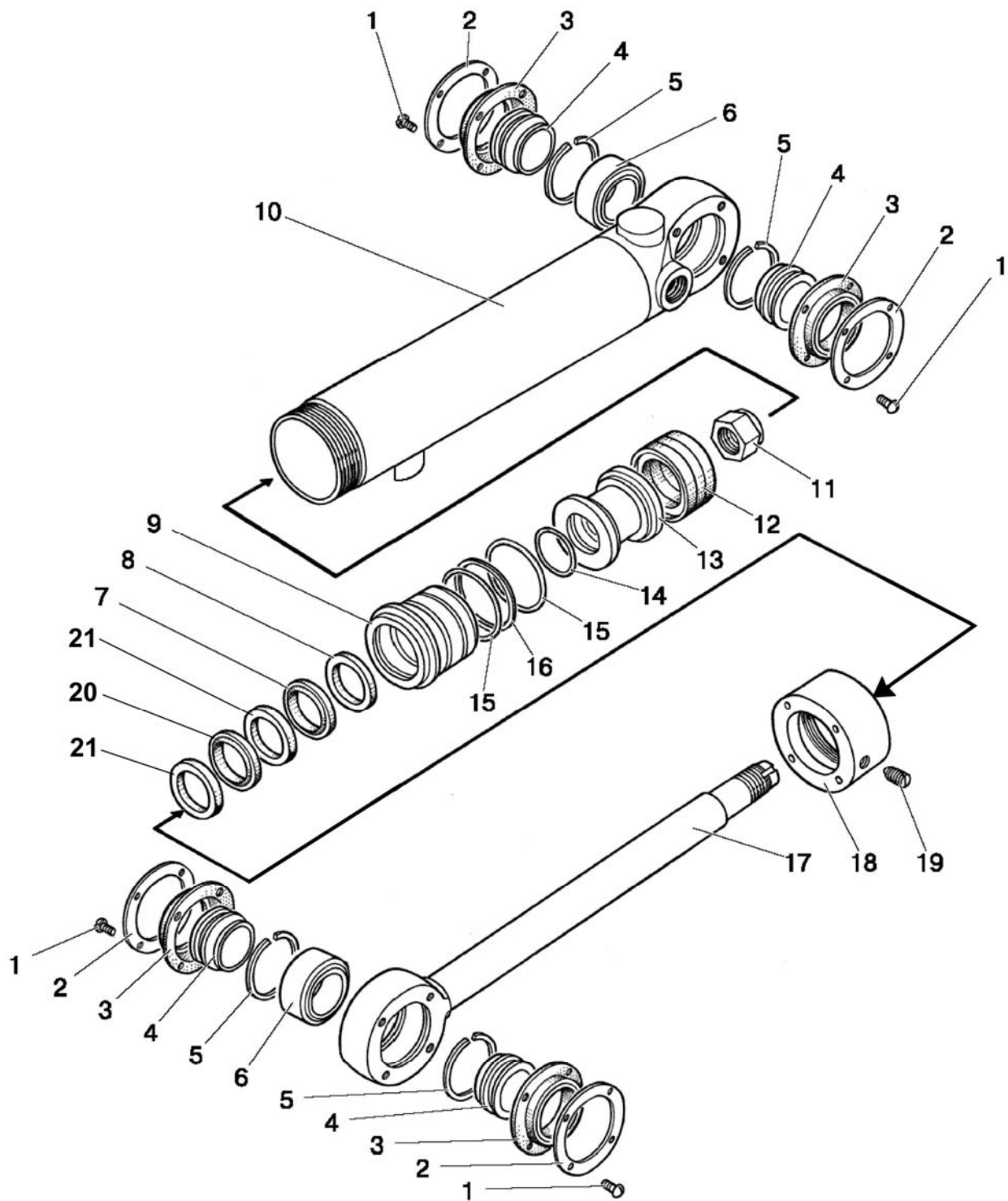


Fig. 34.7. Hydraulic cylinder L63 (63x30-200)

Group 34. Steering
Subgroup 3405. Hydraulic cylinder Ц63 (63x30-200)

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.7		Ц63-3405115-A-02	1	Hydraulic cylinder assembly
	1	B.M5-6gx10.58.019 ГОСТ 17473-80	16	Screw
	2	82.6-4713337	4	Fit ring
	3	Ц63-3405134	4	Boot
	4	Ц63-3405127	4	Bush
	5	C47 ГОСТ 13941-86	4	Ring
	6	ШЦ-30 ГОСТ 3635-78	2	Bearing
	7	24004799	1	Rod cuff PU6 30-38,6-6,5
	8	24236861	1	Rod seal T20 30-38-5.7
	9	Ц63-3405118-Б	1	Front cover
	10	Ц63-3405120-02	1	Casing
	11	Ц50-3405222	1	Piston nut
	12	24251803	1	Piston seal L43 63-47-20,5
	13	Ц63-3405123	1	Piston
	14	030-034-25-1-4 ГОСТ 18829-73/9833-73	1	Ring
	15	055-063-46-1-4 ГОСТ 18829-73/9833-73	2	Ring
	16	Ц63-3405128 or 82.6-4713327	1	Protective ring
	17	Ц63-3405121	1	Rod
	18	Ц63-3405124	1	Sleeve nut
	19	A.M8-6gx10.45H.40X.05 ГОСТ 8878-93	1	Screw
	20	24223129	1	Rod seal OMS-MR 30-37,3-3
	21	24226046	2	Rod guide SB 30-33-5,5

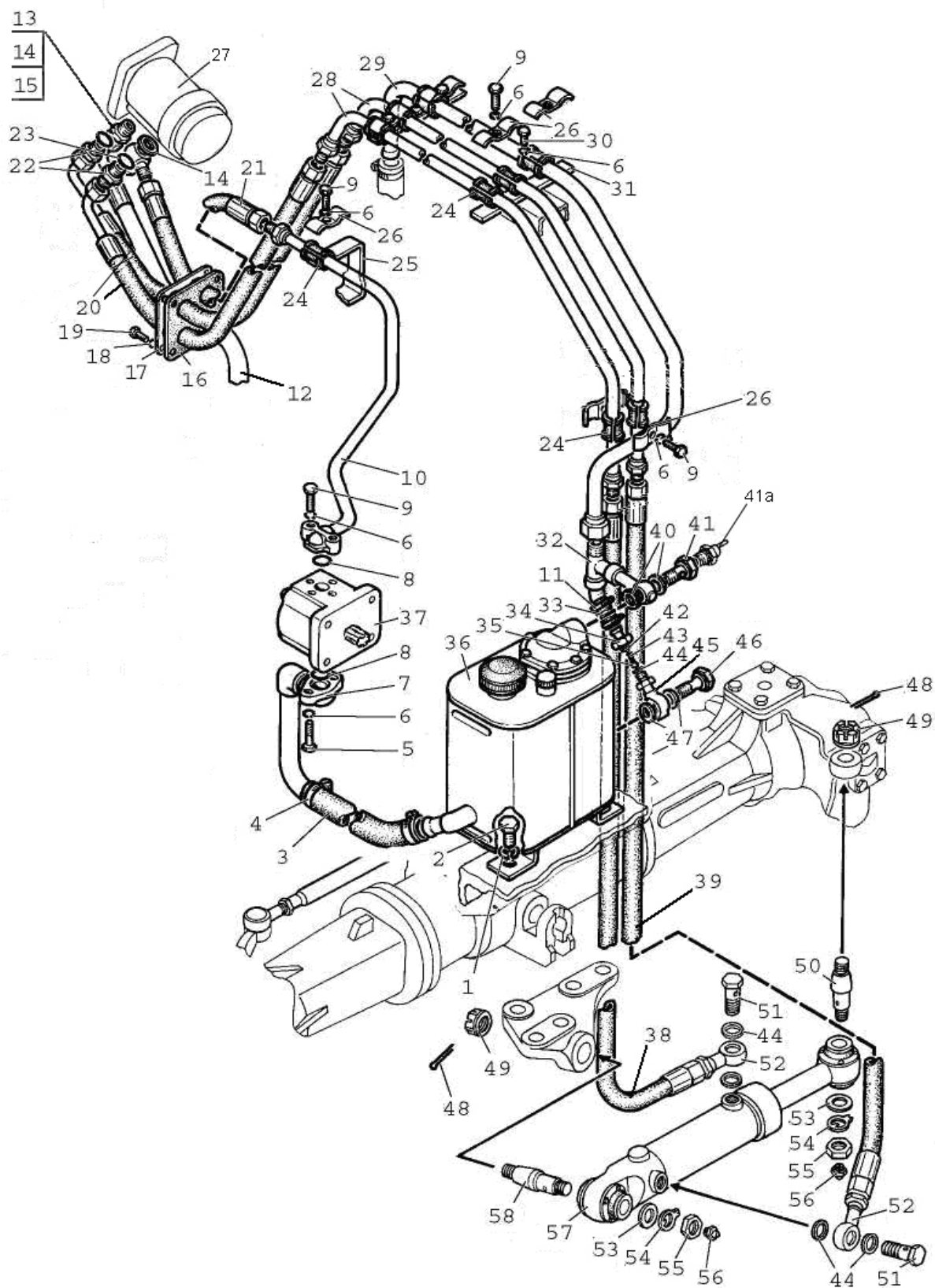


Fig.34.8. Steering with the FDA 822-2300020-04 and separate tank

Group 34. Steering
Subgroup 3407. Steering with the FDA 822-2300020-04
and separate tank

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.8	1	16 OT OCT 37.001.115-75	2	Washer
	2	M16-6gx25.88.35.019 ГOCT 7796-70	2	Bolt
	3	1221-3407012-03	1	Hose
	4	"NORMA" TORRO 25-40/9-C6W	2	Clamp
	5	M8-6gx40.88.35.019 ГOCT 7795-70	2	Bolt
	6	8T OCT 37.001.115-75	13	Washer
	7	1025-3407030	1	Oil pipeline
	8	017-022-30-1-4 ГOCT 18829-73/9833-73	2	Ring
	9	M8-6gx35.88.35.019 ГOCT 7796-70	9	Bolt
	10	1025-3407020	1	Oil pipeline
	11	"NORMA" TORRO 16-25/9-C6W	4	Clamp
	12	952-3407014-06	1	Hose
	13	85-3407105-03	1	Bolt
	14	Φ80-3407157	2	Washer
	15	922-3407080	1	Oil pipeline
	16	2522-6703034	1	Gasket
	17	1522-3407011	1	Cover
	18	6T OCT 37.001.115-75	4	Washer
	19	M6-6gx16.88.35.019 ГOCT 7798-70	4	Bolt
	20	680-4607140-06	1	High-pressure hose pipe
	21	680-4607140-05	1	High-pressure hose pipe
	22	1522-3407016	3	Connecting pipe
	23	025-029-25-2-2 ГOCT 18829-73/9833-73	3	Ring
	24	70-3506027	9	Bush
	25	1025-3407012	1	Bracket
	26	703407146	6	Slat
	27	OSPC 160-ON150G0030 or LAGC 160-10/200-140 M01-100S or SUB 160-140.200-1	1	Metering pump
	28	1025-3407040	2	Oil pipeline
	29	1025-3407060	1	Oil pipeline
	30	M8-6gx20.88.35.019 ГOCT 7796-70	3	Bolt
	31	1025-3407013	2	Bracket
	32	923-3407050	1	T-branch
	33	600-3407083	1	Hose
	34	Φ80-3407111-01	1	Valve cover
	35	12,0-60 ГOCT 3722-81	1	Ball
	36	923-3407100-01	1	Tank
	37	НШ14Д-3П or НШ14Г-3П or 20A14x126	1	Gear pump
	38	952-3407100-02	2	High-pressure hose pipe
	39	952-3407100-04	2	High-pressure hose pipe
	40	40-4607033-A	2	Washer
	41	1221-3407140-01	1	Valve
	41a	ДАДМ-03	1	Oil emergency pressure sensor
	42	Φ80-3407113	1	Guide
	43	80-3407221	1	Spring
	44	Φ80-3407114	5	Washer
	45	822-3407095	1	Valve body
	46	40-4607032	1	Bolt
	47	40-4607038-A	2	Washer

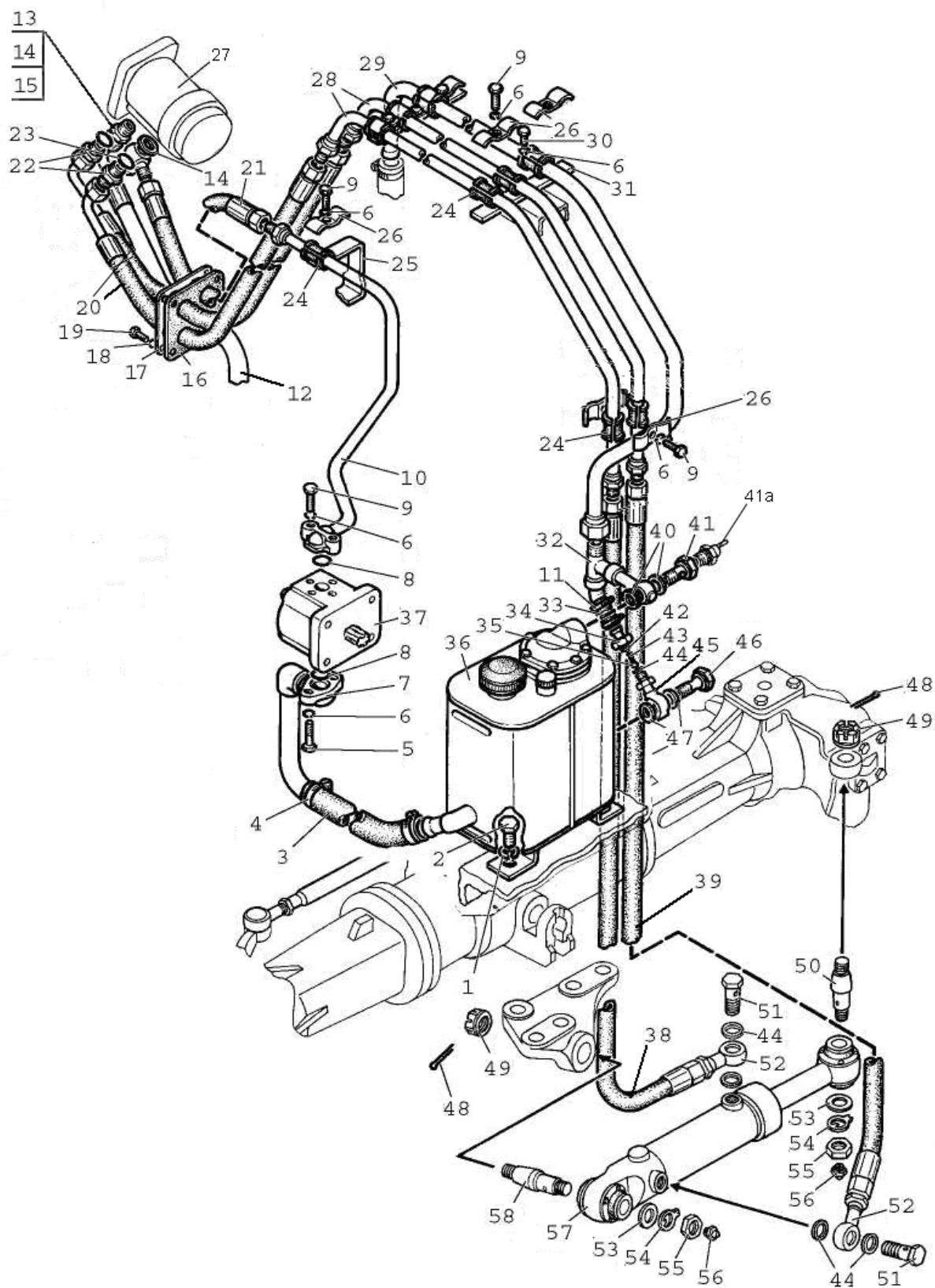


Fig.34.8. Steering with the FDA 822-2300020-04 and separate tank

Group 34. Steering
Subgroup 3407. Steering with the FDA 822-2300020-04
and separate tank

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.8	48	4x36.019 ГОСТ 397-79	2	Cotter pin
	49	102-3405113	2	Pin nut
	50	102-3405112-01	1	Pin
	51	Φ80-3407301	2	Bolt
	52	2022-3407202	2	Adapter
	53	C 20.01.019 ГОСТ 11371-78	2	Washer
	54	Φ80-3405103	2	Retaining washer
	55	M20x1,5-6H.04.019 ГОСТ 15522-70	2	Nut
	56	1.1.Л9.xp ГОСТ 19853-74	2	Greaser
	57	Л63-3405115-A-02	1	Hydraulic cylinder
	58	102-3405111	1	Pin

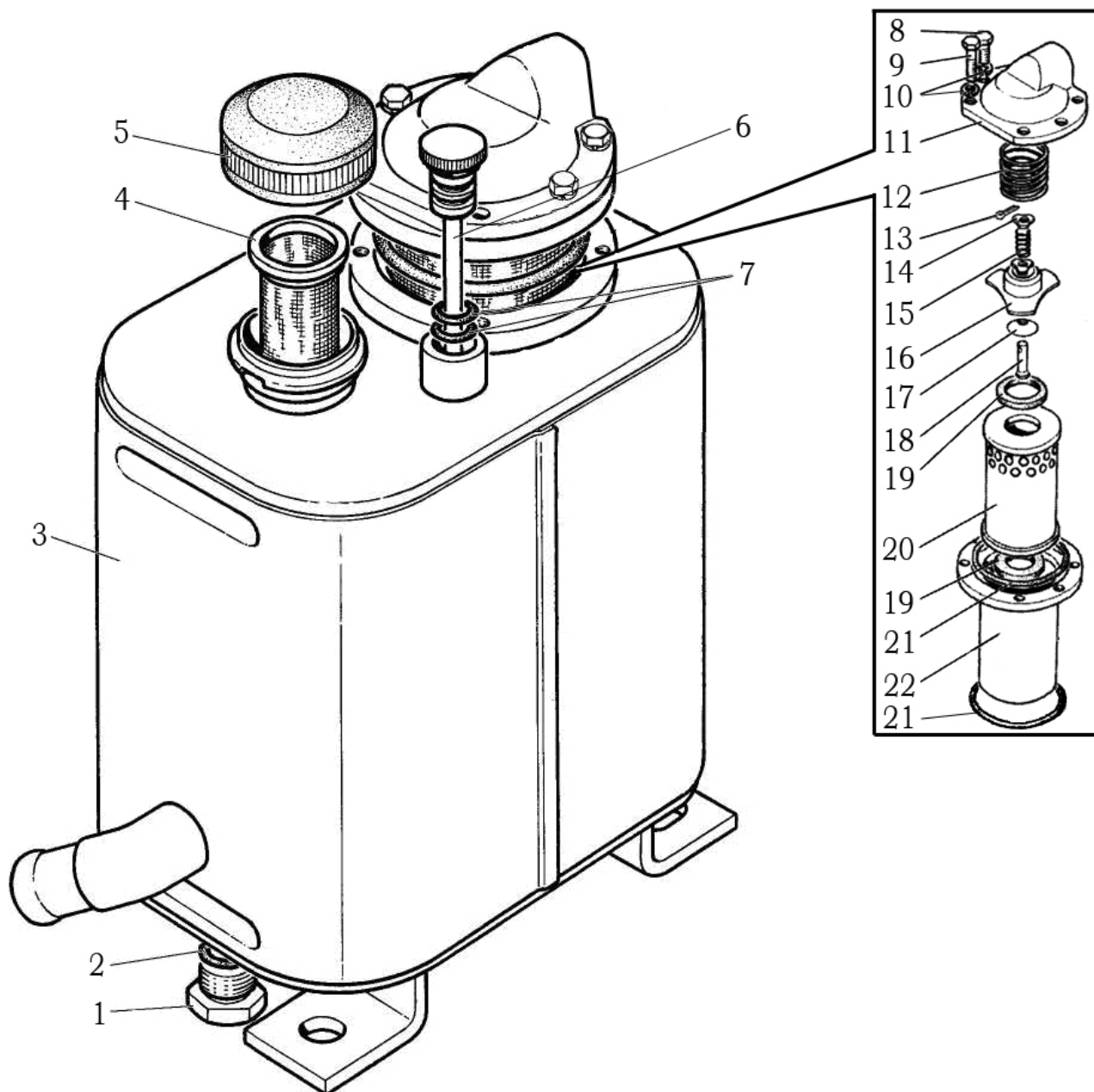


Fig.34.9. Tank

BELARUS

900/920/950/952

Group 34. Steering
Subgroup 3407. Tank

Fig. No.	Pos. No.	Designation	Q-ty	Description
34.9		923-3407100-01	1	Tank (1-21)
	1	50-4608027-B	1	Plug
	2	017-021-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	3	923-3407120-01	1	Tank
	4	A61-C06-A3	1	Filter
	5	240-3707200	1	Plug
	6	082-4608130	1	Oil gauge
	7	011-015-25-2-4 ГОСТ 18829-73/9833-73	2	Ring
	8	M6-6gx16.88.35.019 ГОСТ 7798-70	2	Bolt
	9	M6-6gx25.88.35.019 ГОСТ 7798-70	4	Bolt
	10	6T OCT 37.001.115-75	4	Washer
	11	220-4608051-01	1	Cover
	12	50-4608057	1	Spring
	13	1,6x12.019 ГОСТ 397-79	1	Cotter pin
	14	320-4608081	2	Bolster
	15	80-3405044	1	Spring
	16	320-4608085	1	Valve body
	17	320-4608083	1	Spherical valve
	18	320-4608082	1	Rod
	19	80-4608024	2	Ring
	20	601T-1-06	1	Filtering element
	21	075-080-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	22	220-4608060	1	Cage

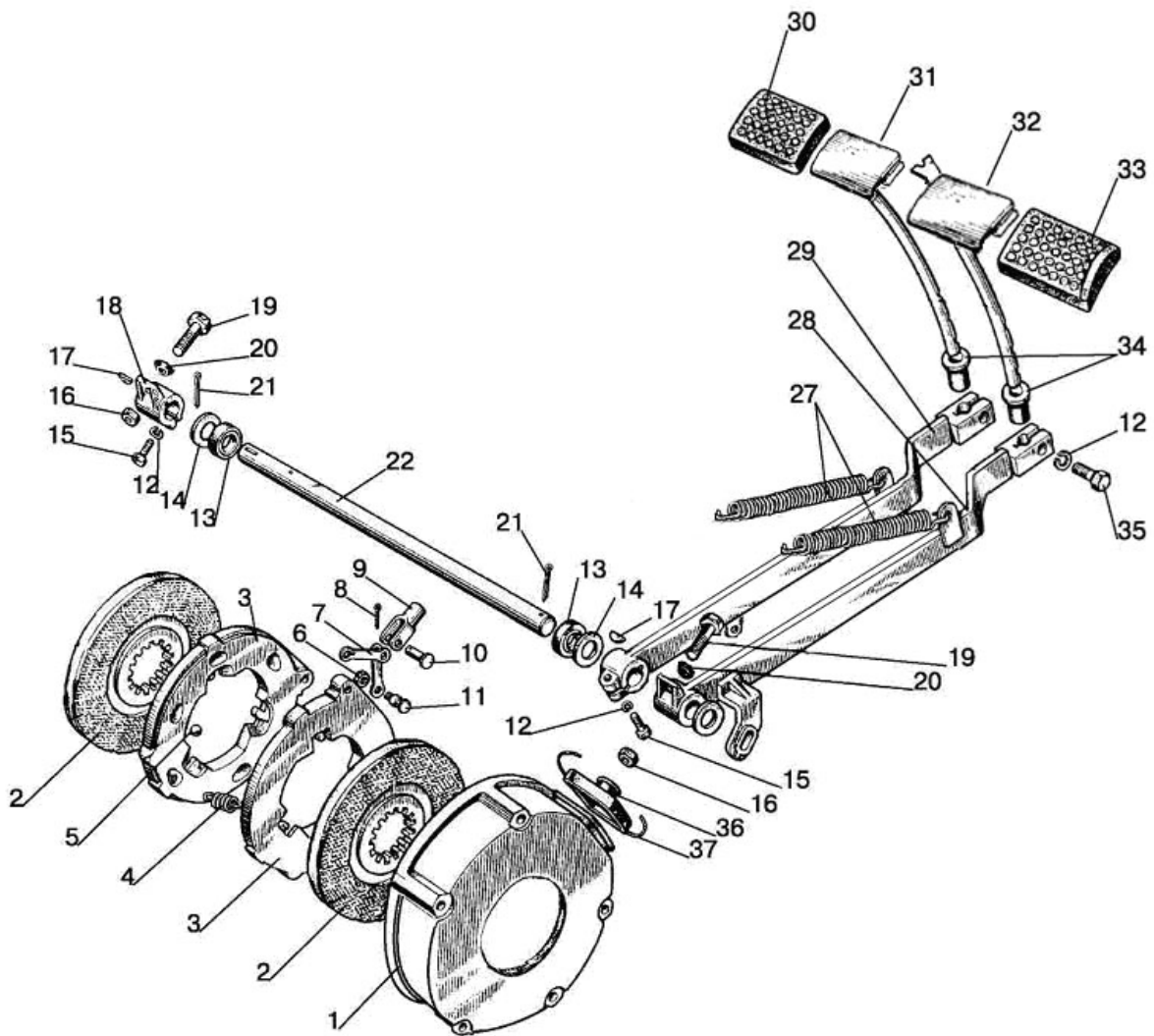


Fig. 35.1. Brakes. Brake control (dry friction)

Group 35. Brakes
Subgroup 3502, 3503. Brakes. Brake control (dry friction)

Fig. No	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.1		85-3502010	2	Brake (1-11,36,37)
		85-3502030	2	Pressure plate (3-11)
		70-3503080	2	Rod brakes (16,19, 20)
		80-3503080	1	Right pedal (32, 33)
		80-3503090	1	Left pedal (30, 31)
	1	85-3502035	2	Housing
	2	85-3502040-01 or 85-3502040-04	4	Brake disk
	3	85-3502036	4	Pressure plate
	4	77.38.163	6	Spring
	5	22,225-100 ГОСТ 3722-81	10	Ball
	6	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	7	85-3502196	4	Rod
	8	3,2x18.019 ГОСТ 397-79	2	Cotter pin
	9	50-3502203	2	Fork
	10	12x32 OCT 37.001.163-75	2	Pin
	11	50-3502198	4	Pin
	12	12 OT OCT 37.001.115-75	4	Washer
	13	2.2-25x42-1	2	Cuff
	14	50-3503071	3	Washer
	15	M12-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	16	M12x1,25-6H.04.019 ГОСТ 5916-70	2	Nut
	17	СШ-611	2	Key 6x11
	18	70-3503017-A	1	Lever
	19	70-3503019	2	Bolt
	20	70-3503018	2	Washer
	21	5x36.019 ГОСТ 397-79	2	Cotter pin
	22	50-3503015	1	Roller
	27	50-1605152	2	Spring
	28	80-3503110	1	Lever
	29	80-3503120	1	Lever
	30	A13.34.001	1	Liner
	31	80-3503140	1	Left pedal
	32	80-3503130	1	Right pedal
	33	A13.33.002	1	Liner
	34	80-3503158-A	2	Seal
	35	M12-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	36	50-3502202	2	Boot
	37	1,6-O-C ГОСТ 3282-74	2	Wire

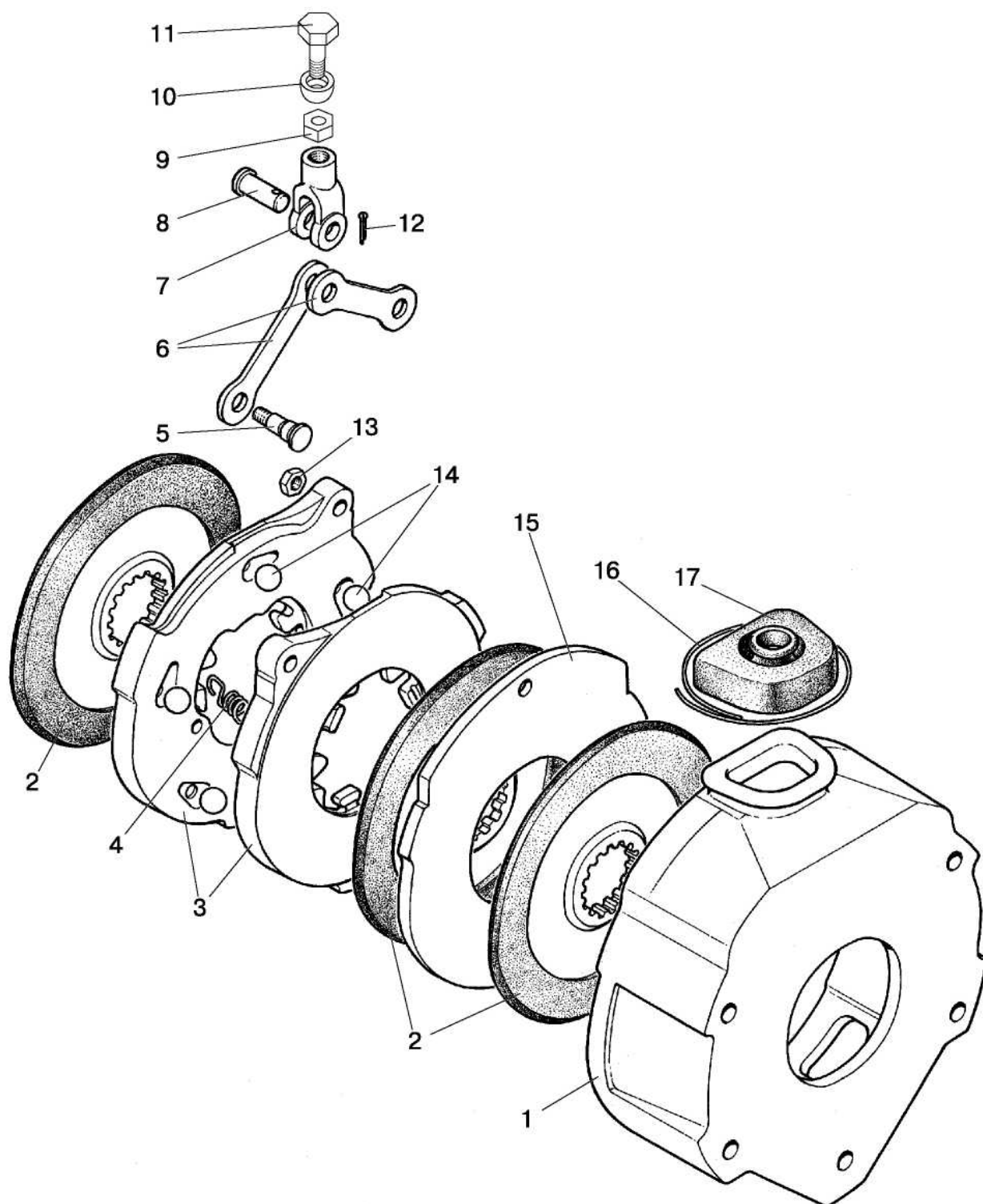


Fig. 35.2. Brakes (design version)

Group 35. Brakes
Subgroup 3502. Brakes (design version)

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.2		1522-3502010	2	Brake (1-8, 12-17)
		70-3503080	2	Rod brakes (9,10,11)
		85-3502030	2	Pressure plate (3-8,12-14)
	1	1522-3502035	2	Housing
	2	85-3502040-01 or 85-3502040-04	6	Disk
	3	85-3502036	4	Pressure plate
	4	77.38.163	6	Spring
	5	50-3502198	4	Pin
	6	85-3502196	4	Rod
	7	50-3502203	2	Fork
	8	12x32 OCT 37.001.163-75	2	Pin
	9	M12x1,25-6H.04.019 ГОСТ 5916-70	2	Nut
	10	70-3503018	2	Washer
	11	70-3503019	2	Bolt
	12	3,2x18.019 ГОСТ 397-79	2	Cotter pin
	13	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	14	22,225-100 ГОСТ 3722-81	10	Ball
	15	1522-3502037-Б	2	Disk
	16	1,6-O-C ГОСТ 3282-74 300 mm	2	Wire
	17	50-3502202	2	Boot

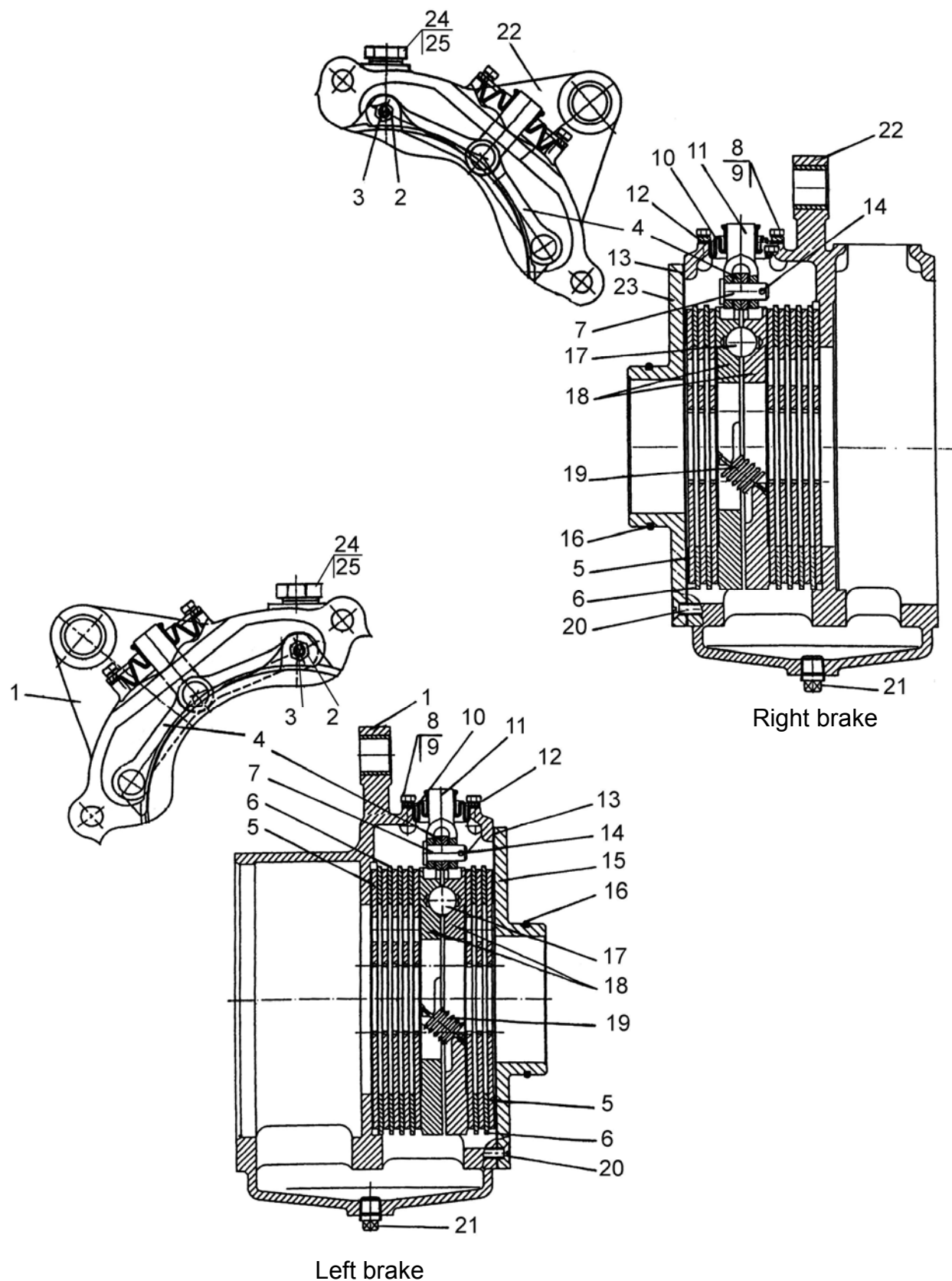


Fig.35.3. Wet brakes (left/right)

Group 35.Brakes
Subgroup 3502. Wet brakes (left/right)

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.3		1221M-3502010	1	Brake right (2-14, 16-20, 22, 23)
		1221M-3502020	1	Brake left (1-20)
		85-3502030-01	2	Pressure plate (2, 3, 4, 7, 11, 14, 17-19)
	1	1221M-2409035	1	Casing
	2	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	3	50-3502198	4	Pin
	4	85-3502196	4	Rod
	5	1522-3502015-07	16	Disk
	6	80M-3502037	12	Intermediate disk (S=3.0 mm)
		80M-3502037-01	*	Intermediate disk (S=3.2 mm)
		80M-3502037-02	*	Intermediate disk (S=3.4 mm)
		80M-3502037-03	*	Intermediate disk (S=3.6 mm)
		80M-3502037-04	*	Intermediate disk (S=3.8 mm)
		80M-3502037-05	*	Intermediate disk (S=4.0 mm)
		80M-3502037-06	*	Intermediate disk (S=4.2 mm)
		80M-3502037-07	*	Intermediate disk (S=4.4 mm)
	7	12x32 OCT 37.001.163-75	2	Pin
	8	M6-6gx12.88.35.019 ГОСТ 7798-70	8	Bolt
	9	6T OCT 37.001.115-75	8	Washer
	10	80M-3502202	2	Boot
	11	50-3502203	2	Fork
	12	80M-3502204	2	Plate
	13	1221M-3502051	2	Gasket
	14	3,2x18.019 ГОСТ 397-79	2	Cotter pin
	15	85M-2407059	1	Cage cover (left)
	16	Л-110-1414045	2	Ring
	17	22,225-100 ГОСТ 3722-81	10	Ball
	18	85-3502036-01	4	Pressure plate
	19	77.38.163	6	Spring
	20	B.M8-6gx25.58.019 ГОСТ 17475-80	6	Screw
	21	ПК КГ ^{3/8} "	4	Plug
	22	1221M-3502035	1	Casing
	23	85M-2407059-01	1	Cage cover (right)
	24	1221-1802091	2	Plug
	25	Д18-055-A	2	Seal ring

* To be selected for ensuring the necessary gap during the assembling

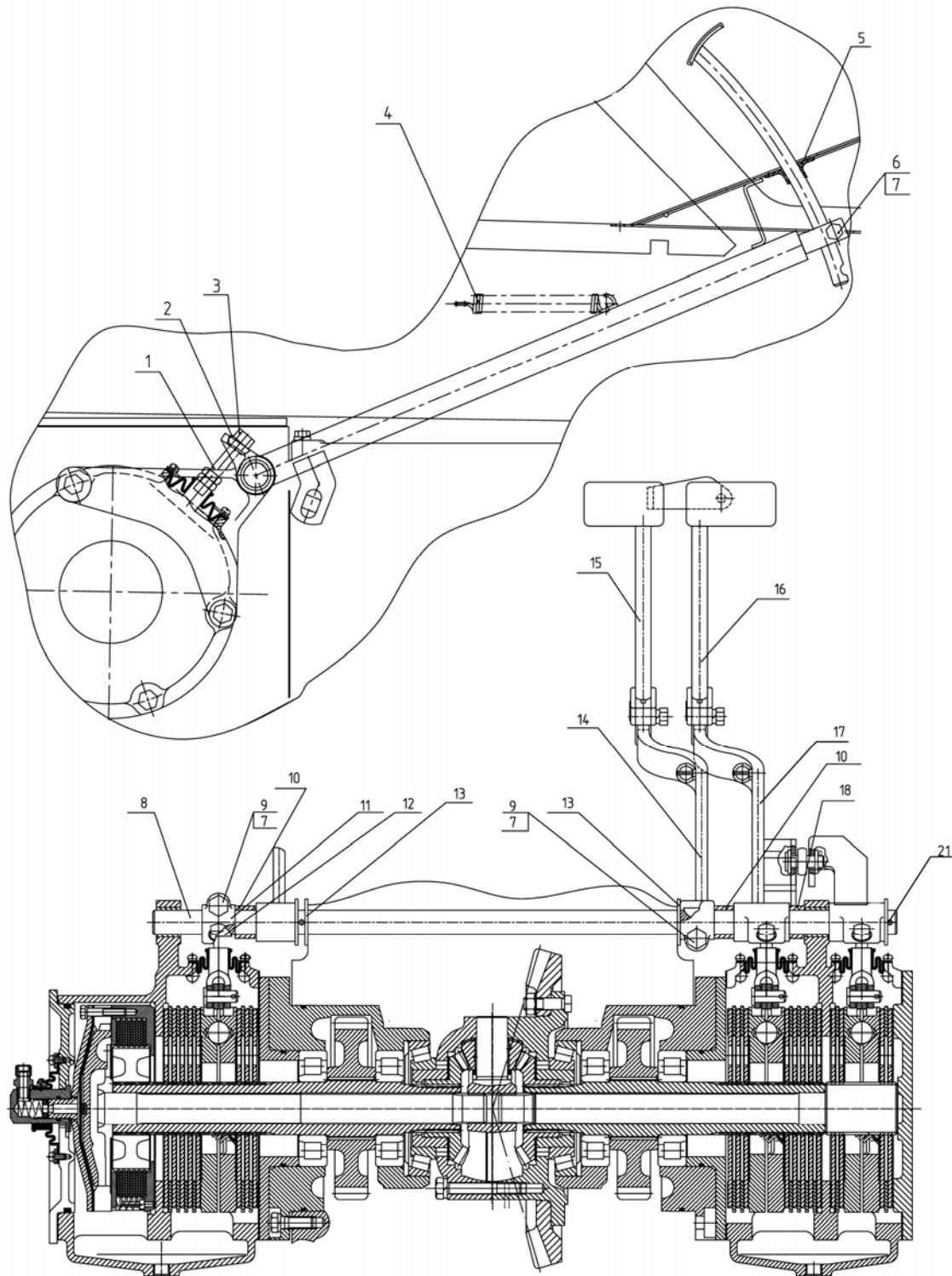


Fig. 35.4. Brakes. "Wet" brake control

Group 35. Brakes
Subgroup 3503. Brakes. "Wet" brake control

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.4		70-3503080	3	Rod (1-3)
	1	M12x1,25-6H.04.019 ГОСТ 5916-70	2	Nut
	2	70-3503018	2	Washer
	3	70-3503019	2	Bolt
	4	50-1605152	2	Spring
	5	80-3503158-A	2	Seal
	6	M12-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	7	12 OT OCT 37.001.115-75	4	Washer
	8	1221M-3503015* 1221M-3503015-01**	1	Roller
	9	M12-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	10	1221M-3503016-01	2	Bush
	11	70-3503017-A	1	Lever
	12	СШ-611	2	Key 6x11
	13	50-3503071	4	Washer
	14	80-3503120	1	Lever
	15	80-3503140	1	Left pedal
	16	80-3503130	1	Right pedal
	17	80M-3503110	1	Lever
	18	1221M-3503016	1	Bush
	21	5x36.019 ГОСТ 397-79	2	Cotter pin

* In case of installation of hydraulic control of the PTO

** In case of installation of mechanical control of the PTO

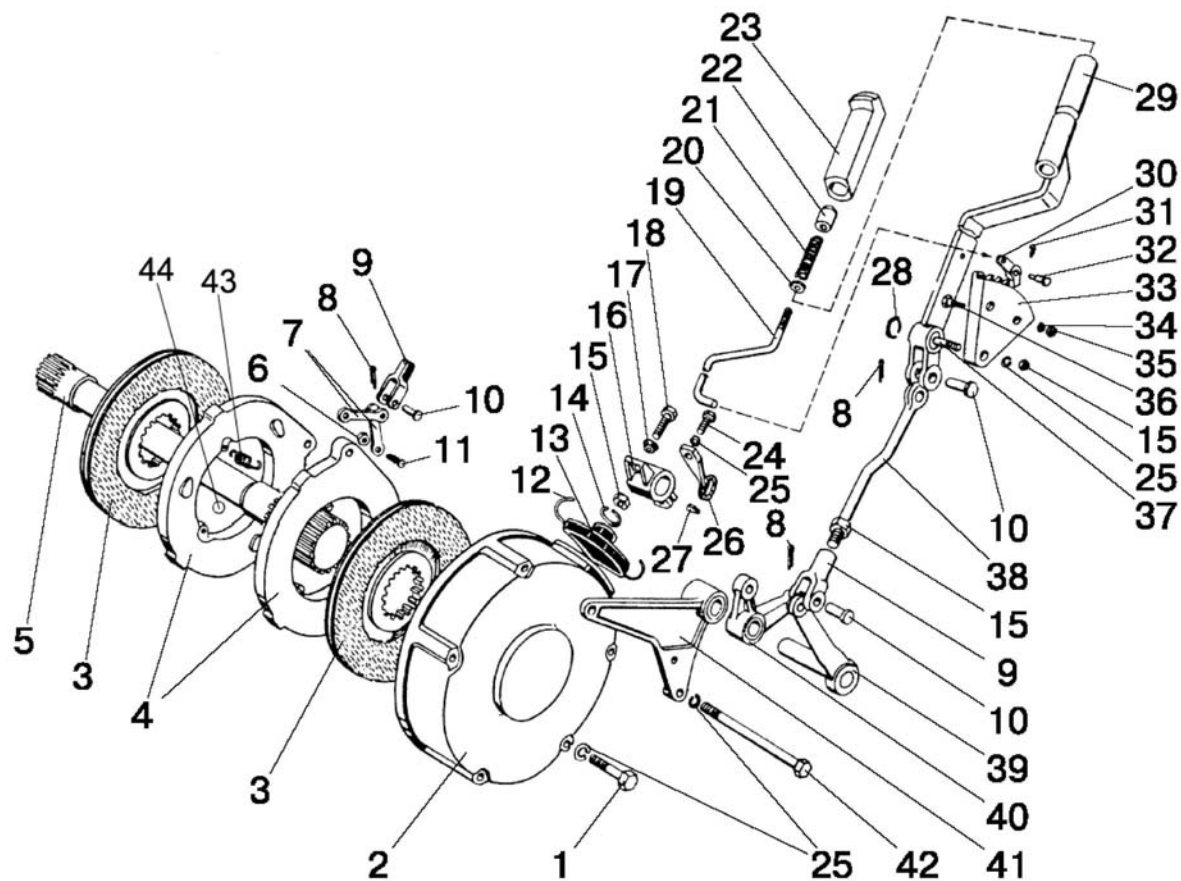


Fig. 35.5. Parking brake. Parking brake control

Group 35. Brakes
Subgroup 3504, 3507. Parking brake. Parking brake control

Fig. No.	Pos. No.	Designation	Q-ty	Description
35.5		50-3502010	1	Brake (2-4, 6-14, 43, 44)
		50-3502030-A	1	Pressure plate (4, 6-11, 43, 44)
		70-3503080	1	Rod brakes (15, 17, 18)
		85-3507120-01	1	Lever (19-23, 29-32)
		900-3507140* 80-3507240**	1	Rod (9, 15, 38)
		85-3507150-02	1	Bracket (16, 24-27, 39-41)
	1	M12-6gx180.58.019 ГОСТ 7795-70* M12-6gx200.58.019 ГОСТ 7795-70**	3	Bolt
	2	50-3502035	1	Housing
	3	70-3502040-01 or 70-3502040-04	2	Disk
	4	50-3502036-B	2	Pressure plate
	5	70-3504055* 70-3504055-01**	1	Shaft
	6	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	7	50-3502196	2	Rod
	8	3,2x18.019 ГОСТ 397-79	3	Cotter pin
	9	50-3502203	2	Fork
	10	12x32 OCT 37.001.163-75	3	Pin
	11	50-3502198	2	Pin
	12	1,6-O-C ГОСТ 3282-74	1	Wire 300 mm
	13	50-3502202	1	Boot
	14	36-1702358	1	Spring ring
	15	M12x1,25-6H.6.019 ГОСТ 5915-70	3	Nut
	16	70-3503017-A	1	Lever
	17	70-3503018	1	Washer
	18	70-3503019	1	Bolt
	19	70-3507122-01	1	Rod
	20	C 5.01.019 ГОСТ 11371-78	1	Washer
	21	55-17-27	1	Spring
	22	A13.19.002	1	Button
	23	A13.19.001-A	1	Handle
	24	M12-6gx40.88.35.019 ГОСТ 7796-70	1	Bolt
	25	12 OT OCT 37.001.115-75	7	Washer
	26	70-3514107* 80-3514107**	1	Lever
	27	СШ-611	1	Key
	28	C15 ГОСТ 13940-86	1	Ring
	29	85-3507130-01	1	Lever
	30	50-1606026	1	Latch
	31	2x12.019 ГОСТ 397-79	1	Cotter pin
	32	70-3507024	1	Axle
	33	70-3507021 –Б	1	Sector
	34	10 OT OCT 37.001.115-75	2	Washer
	35	M10-6H.6.019 ГОСТ 5915-70	2	Nut
	36	M10-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	37	70-3507132-Б-01	1	Axle
	38	900-3507141* 80-3507241**	1	Rod
	39	85-3507060	1	Lever

* In case of installation of twin-disk brakes

** In case of installation of three-disk brakes

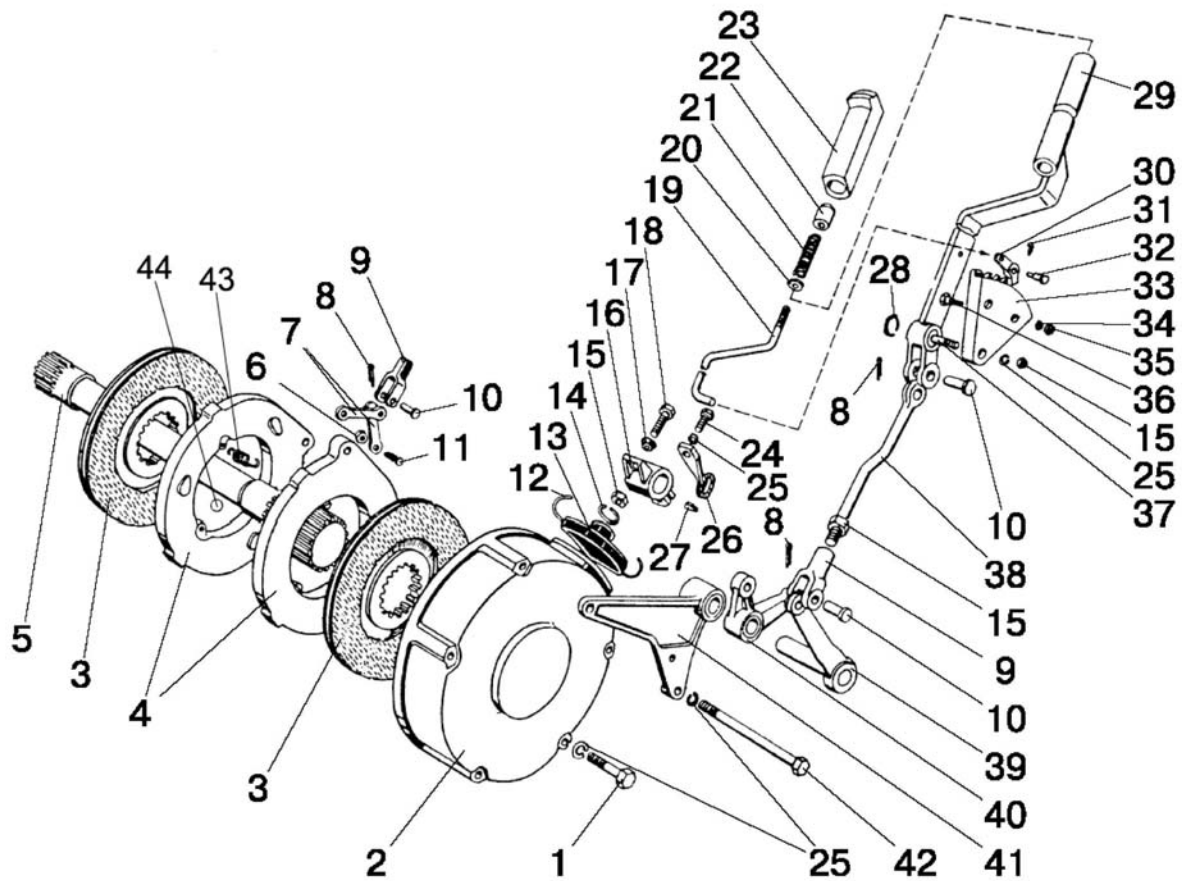


Fig. 35.5. Parking brake. Parking brake control

Group 35. Brakes
Subgroup 3504, 3507. Parking brake. Parking brake control

Fig. No.	Pos. No.	Designation	Q-ty	Description
35.5	40	80-4216050*(***) 80-4216050-Б**(***)	1	Hub
		1221-3507072****	1	Bush
	41	70-3507070*** 70-3507070-01****	1	Bracket
	42	M12-6gx200.58.019 ГОСТ 7795-70* 1522-2409034-03**	2	Bolt
	43	77.38.163	3	Spring
	44	22,225-100 ГОСТ 3722-81	3	Ball

* In case of installation of twin-disk brakes

** In case of installation of three-disk brakes

*** Mechanical control of the PTO

**** Hydraulic control of the PTO

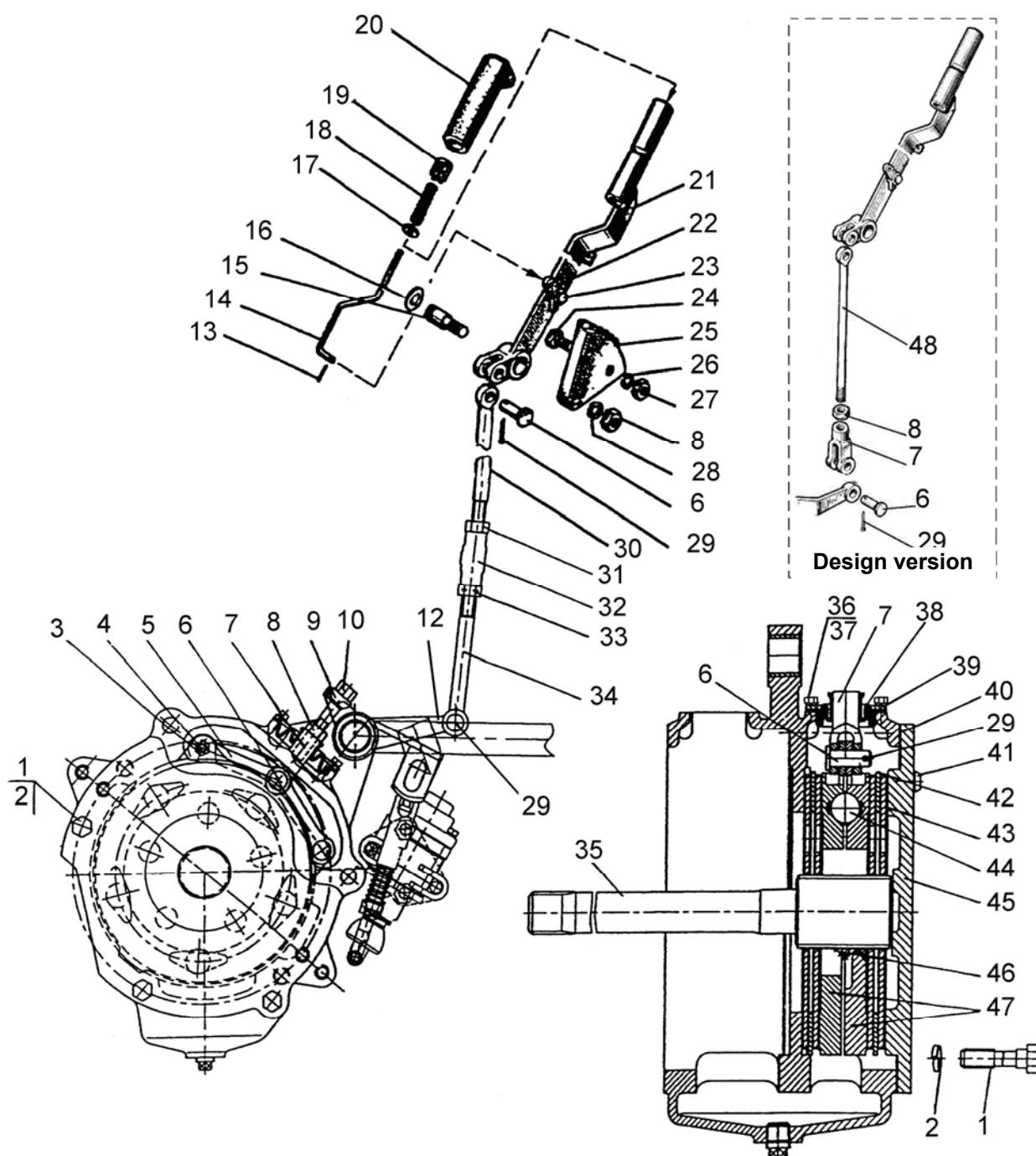


Fig.35.6. Parking brake. Parking brake control (for wet brakes)

Group 35. Brakes
Subgroup 3504, 3507. Parking brake.
Parking brake control (for wet brakes)

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.6		952M-3507140**	1	Rod (7, 8, 48)
		85-3502030-01	1	Pressure plate (3-7, 29, 44, 46, 47)
		952M-3507040*	1	Rod (30-34)
		70-3503080	1	Rod brakes (8-10)
		85-3507120-01	1	Lever (13-14, 17-23)
	1	1221M-3502039-01	5	Bolt
	2	14 OT OCT 37.001.115-75	5	Washer
	3	M8-6H.6.019 GOCT 5915-70	2	Nut
	4	50-3502198	2	Pin
	5	85-3502196	2	Rod
	6	12x32 OCT 37.001.163-75	2*/3**	Pin
	7	50-3502203	1*/2**	Fork
	8	M12x1,25-6H.6.019 GOCT 5916-70	2*/3**	Nut
	9	70-3503018	1	Washer
	10	70-3503019	1	Bolt
	12	1221M-3507060	1	Lever
	13	2x12.019 GOCT 397-79	1	Cotter pin
	14	70-3507122-01	1	Rod
	15	70-3507132-B-01	1	Axle
	16	C15 GOCT 13942-86	1	Ring
	17	C 5.01.019 GOCT 6958-78	1	Washer
	18	55-17-27	1	Spring
	19	A13.19.002	1	Button
	20	A13.19.001-A	1	Handle
	21	85-3507130-01	1	Lever
	22	50-1606026	1	Latch
	23	70-3507024	1	Axle
	24	M10-6gx35.88.35.019 GOCT 7796-70	2	Bolt
	25	70-3507021-B	1	Sector
	26	10 OT OCT 37.001.115-75	2	Washer
	27	M10-6H.6.019 GOCT 5915-70	2	Nut
	28	12 OT OCT 37.001.115-75	1	Washer
	29	3,2x18.019 GOCT 397-79	3	Cotter pin
	30	952M-3507041*	1	Rod
	31	M12-6H.6.019 GOCT 5915-70*	1	Nut
	32	P50-4616043*	1	Coupling
	33	P50-4616038*	1	Nut
	34	952M-3507240*	1	Rod
	35	1221M-3504055	1	Shaft
	36	M6-6gx12.88.35.019 GOCT 7798-70	4	Bolt
	37	6T OCT 37.001.115-75	4	Washer
	38	80M-3502202	1	Boot
	39	80M-3502204	1	Plate
	40	1221M-3502051	1	Gasket
	41	50-1601352	2	Setting pin
	42	80M-3502037	2	Intermediate disk (S=3.0 mm)
		80M-3502037-01	***	Intermediate disk (S=3.2 mm)
		80M-3502037-02	***	Intermediate disk (S=3.4 mm)
		80M-3502037-03	***	Intermediate disk (S=3.6 mm)
		80M-3502037-04	***	Intermediate disk (S=3.8 mm)
		80M-3502037-05	***	Intermediate disk (S=4.0 mm)
		80M-3502037-06	***	Intermediate disk (S=4.2 mm)
		80M-3502037-07	***	Intermediate disk (S=4.4 mm)

* In case of installation of the two-lever gearbox

** In case of installation of the single-lever gearbox

*** To be selected for ensuring the necessary gap during the assembling

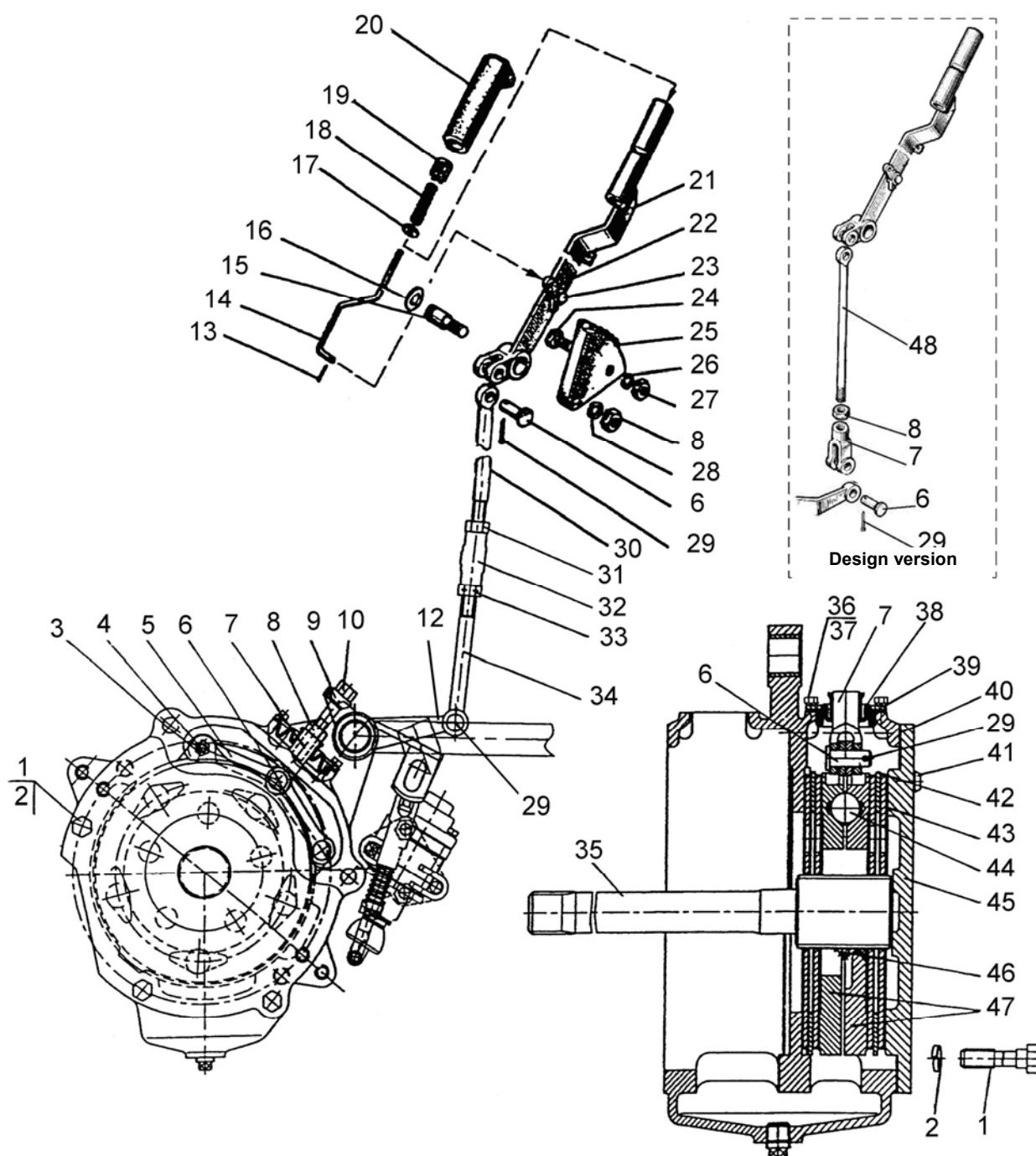


Fig.35.6. Parking brake. Parking brake control (for wet brakes)

Group 35. Brakes
Subgroup 3504, 3507. Parking brake.
Parking brake control (for wet brakes)

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.6	43	1522-3502015-07	4	Disk
	44	22,225-100 ГОСТ 3722-81	5	Ball
	45	1221M-3502034	1	Cover
	46	77.38.163	3	Spring
	47	85-3502036-01	2	Pressure plate
	48	952M-3507141**	1	Rod

* In case of installation of the two-lever gearbox

** In case of installation of the single-lever gearbox

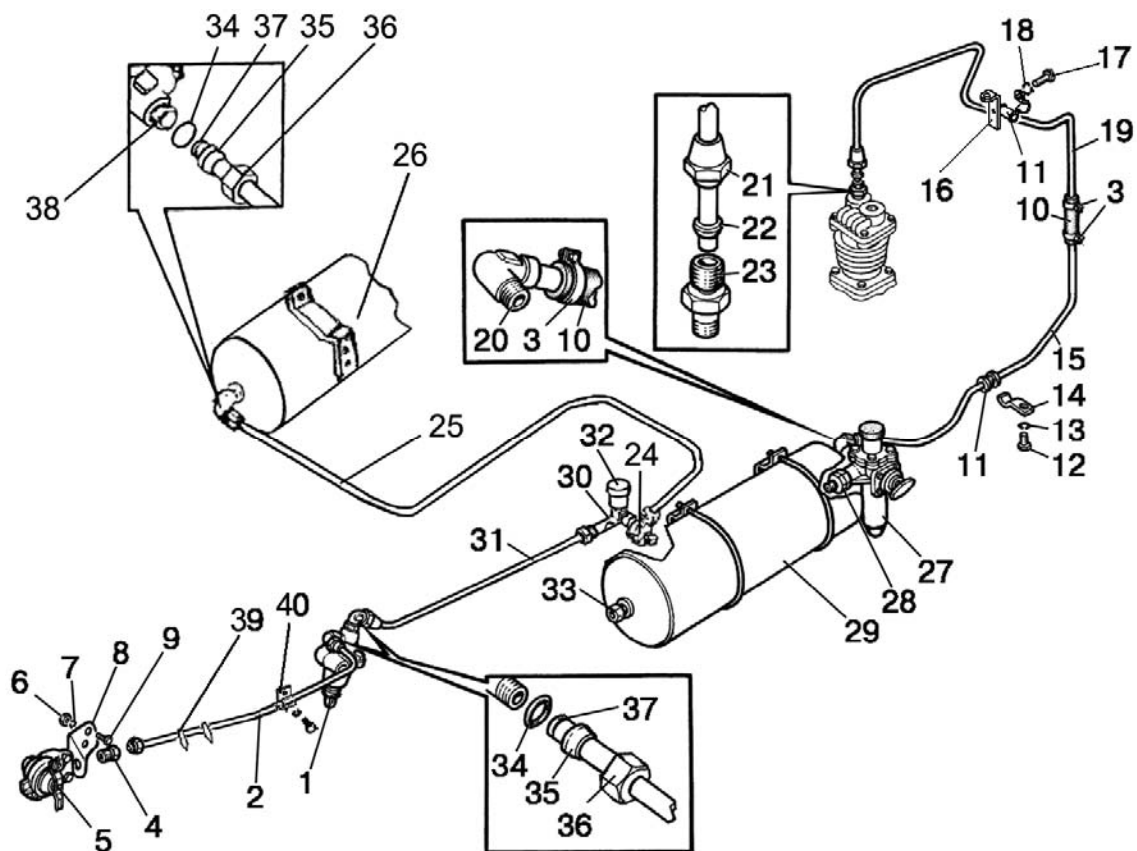


Fig. 35.7. Pipelines and fittings of the single-line pneumatic actuator of the trailer brakes

Group 35. Brakes

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

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.7		1021-3506020-01	1	Pipeline (2, 35-37)
		80-3506455	1	Pipeline (31, 35-37)
		80-3506220	1	Pipeline (19, 21, 22)
		923-3506020**	1	Pipeline (25, 35-37)
	1	A29.3514010 or 80-3514010	1	Brake valve
	2	1021-3506021-01	1	Tube
	3	5000.02	8	Clamp with worm thread 16-27
	4	1522-3521012	1	Connecting pipe
	5	A29.76.000 or 80-3521010	1	Connecting head
	6	M10-6H.6.019 ГОСТ 5915-70	2	Nut
	7	10 OT OCT 37.001.115-75	2	Washer
	8	70-3521012	1	Bracket
	9	M10-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	10	70-1405013	2	Hose
	11	70-3506027	2	Bush
	12	M8-6gx16.88.35.019 ГОСТ 7796-70	1 (2*)	Bolt
	13	8T OCT 37.001.115-75	2 (3*)	Washer
	14	70-6804011	2	Holder
	15	80-3506041	1	Pipeline
	16	M80-4607018	1	Bracket
	17	M8-6gx20.88.35.019 ГОСТ 7796-70	1	Bolt
	18	C 8.01.019 ГОСТ 11371-78	1	Washer
	19	80-3506221	1	Pipeline
	20	70-3513015	1	Angle piece
	21	70-3506023	1	Sleeve nut
	22	80-3506024	1	Coupling
	23	70-3506022	1	Connecting pipe
	24	80-3513050**	1	T-branch
	25	923-3506021**	1	Tube
	26	50-3513015-A**	1	Bottle
	27	A29.51.000 Б or 80-3512010	1	Pressure control
	28	80-3512006	1	Locknut
	29	80-3513010	1	Bottle
	30	80-3513025	1	T-branch
	31	80-3506454	1	Tube
	32	ДД10-01-Е	1	Air pressure sensor
	33	ДАДВ	1	Emergency air pressure sensor
	34	012-015-19-2-4 ГОСТ 18829-73/9833-73	4 (6**)	Ring
	35	1522-3506024	4 (6**)	Coupling
	36	1522-3506023	4 (6**)	Sleeve nut
	37	1522-3506022	4 (6**)	Nipple
	38	1522-3514033**	1	Angle piece
	39	80-3723045-01	2	Cuff
	40	70-4802046*	1	Clamp

* "Wet" brakes.

** Optionally.

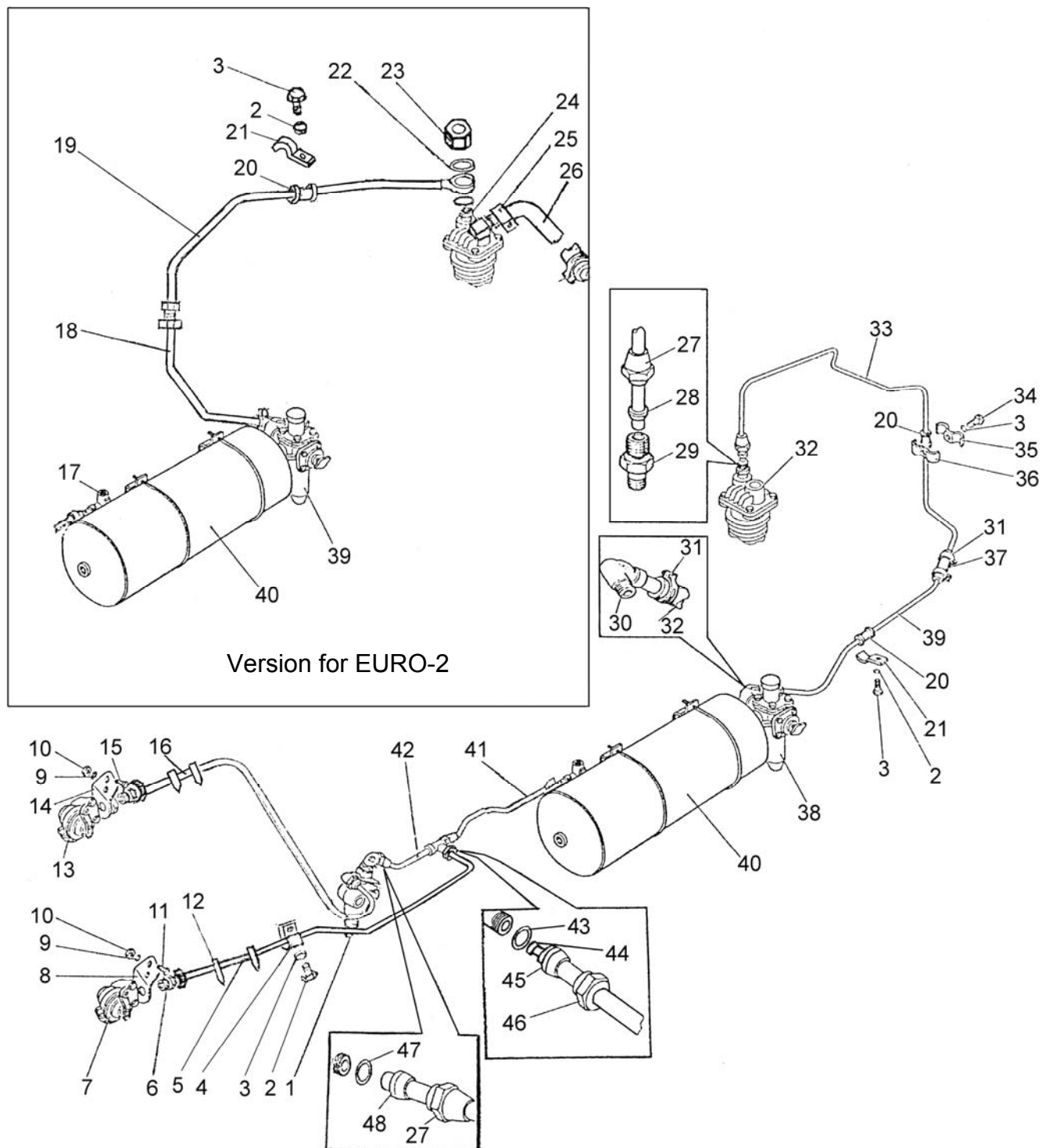


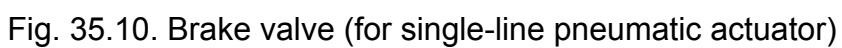
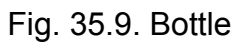
Fig. 35.8. Pipelines and fittings of the two-line pneumatic actuator of the trailer brakes

Group 35. Brakes
Subgroup 3506. Pipelines and fittings of the two-line pneumatic actuator of the trailer brakes

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.8		1025-3506560-01	1	Pipeline (5, 44-46)
		1025-3506560-02	1	Pipeline (16, 44-46)
		80-3506220	1	Pipeline (27, 28, 33)
		1021-350602-06	1	Pipeline (41, 44-46)
		1025-3506540	1	Pipeline (27, 28, 42)
	1	A29.351.4010-02 or 80-3514010-02	1	Brake valve
	2	M8-6gx16.88.35.019 ГОСТ 7796-70	1 (2*)	Bolt
	3	8T OCT 37.001.115-75	2 (3*)	Washer
	4	70-4802046*	1	Clamp
	5	1025-3506561-01	1	Tube
	6	1522-3521513	2	Connecting pipe
	7	64226-3521110	1	Connecting head
	8	1025-3521511	1	Bracket
	9	10 OT OCT 37.001.115-75	4	Washer
	10	M10-6H.6.019 ГОСТ 5915-70	4	Nut
	11	M10-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	12	80-3723045-01	4	Cuff
	13	64226-3521111	1	Connecting head
	14	1025-3521512	1	Bracket
	15	B.M8-6gx25.58.019 ГОСТ 17475-80	2	Screw
	16	1025-3506561-02	1	Tube
	17	80-3513025	1	T-branch
	18	1025-3506620**	1	Pipeline
	19	1025-3506610**	1	Pipeline
	20	70-3506027	3 (1**)	Bush
	21	70-6804011	1	Holder
	22	40-4607038A**	2	Washer
	23	1025-3506623**	1	Nut
	24	1025-3506622**	1	Connecting pipe
	25	5000.04	2	Clamp with worm thread 25-40
	26	1025-3506624	1	Hose
	27	70-3506023	2 (1**)	Nut
	28	80-3506024	1	Coupling
	29	70-3506022	1	Connecting pipe
	30	70-3513015	1	Angle piece
	31	5000.02	4	Clamp with worm thread 16-27
	32	A29.01.000 or A29.05.000-B	1	Compressor
	33	80-3506221	1	Pipeline
	34	M8-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	35	70-3407146	1	Slat
	36	70-3407144	1	Threaded slat
	37	70-1405013	4	Hose
	38	80-3506041	1	Pipeline
	39	A29.51.000 Б or 80-3512010	1	Pressure control
	40	80-3513010	1	Bottle
	41	1021-3506021-06	1	Tube
	42	1025-3506550	1	Pipeline
	43	012-015-19-2-4 ГОСТ 18829-73/9833-73	6	Ring
	44	1522-3506022	6	Nipple
	45	1522-3506024	6	Coupling
	46	1522-3506023	6	Sleeve nut
	47	014-017-19-2-4 ГОСТ 18829-73/9833-73	1	Ring
	48	70-3506028	1	Coupling

* "Wet" brakes

** Version for EURO-2



**Group 35. Brakes
Subgroup 3513. Bottle**

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.9	1	85-3513010	1	Bottle
	2	80-3513025	1	T-branch
	3	B50-3513032	2 (4*)	Clamp
	4	M16-6gx32.88.35.019 ГОСТ 7796-70	4 (8*)	Bolt
	5	80-3513040	1 (2*)	Bracket
	6	16 OT OCT 37.001.115-75	4 (8*)	Washer
	7	C 16.01.019 ГОСТ 11371-78	1 (2*)	Washer
	8	6T OCT 37.001.115-75	2 (4*)	Washer
	9	M6-6H.6.019 ГОСТ 5915-70	2 (4*)	Nut
	10	B50-3513025-A	1 (2*)	Bracket
	11	ПП-43-01	4 (8*)	Seal
	12	B50-3522023	1 (2*)	Gasket
	13	85-3513110	1 (2*)	Valve
	14	H50-4202146	1 (2*)	Ring

* Optionally

**Group 35. Brakes
Subgroup 3514. Brake valve (for single-line pneumatic actuator)**

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.10	1	1522-3514033	2 (1***)	Angle piece
	2	70-3506033	1***	Angle piece
	3	10 OT OCT 37.001.115-75	4	Washer
	4	M10-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt
	5	80-3514109	1	Bracket
		80M-3514109**	1	Bracket
	6	M10-6gx70.88.35.019 ГОСТ 7795-70	2	Bolt
	7	3,2x18.019 ГОСТ 397-79	2	Cotter pin
	8	C 8.01.019 ГОСТ 11371-78	1	Washer
	9	80-3514130	1	Rod
	10	A29.3514010 or 80-3514010	1	Brake valve
		A29.351.4010-01* or 80-3514010-01*	1	Brake valve
		A29.3514010-02*** or 80-3514010-02***	1	Brake valve
	11	12x48 OCT 37.001.163-75	1	Pin
	12	C 12.01.019 ГОСТ 11371-78	2	Washer

*Optionally

** "Wet" brakes

*** For two-line pneumatic actuator

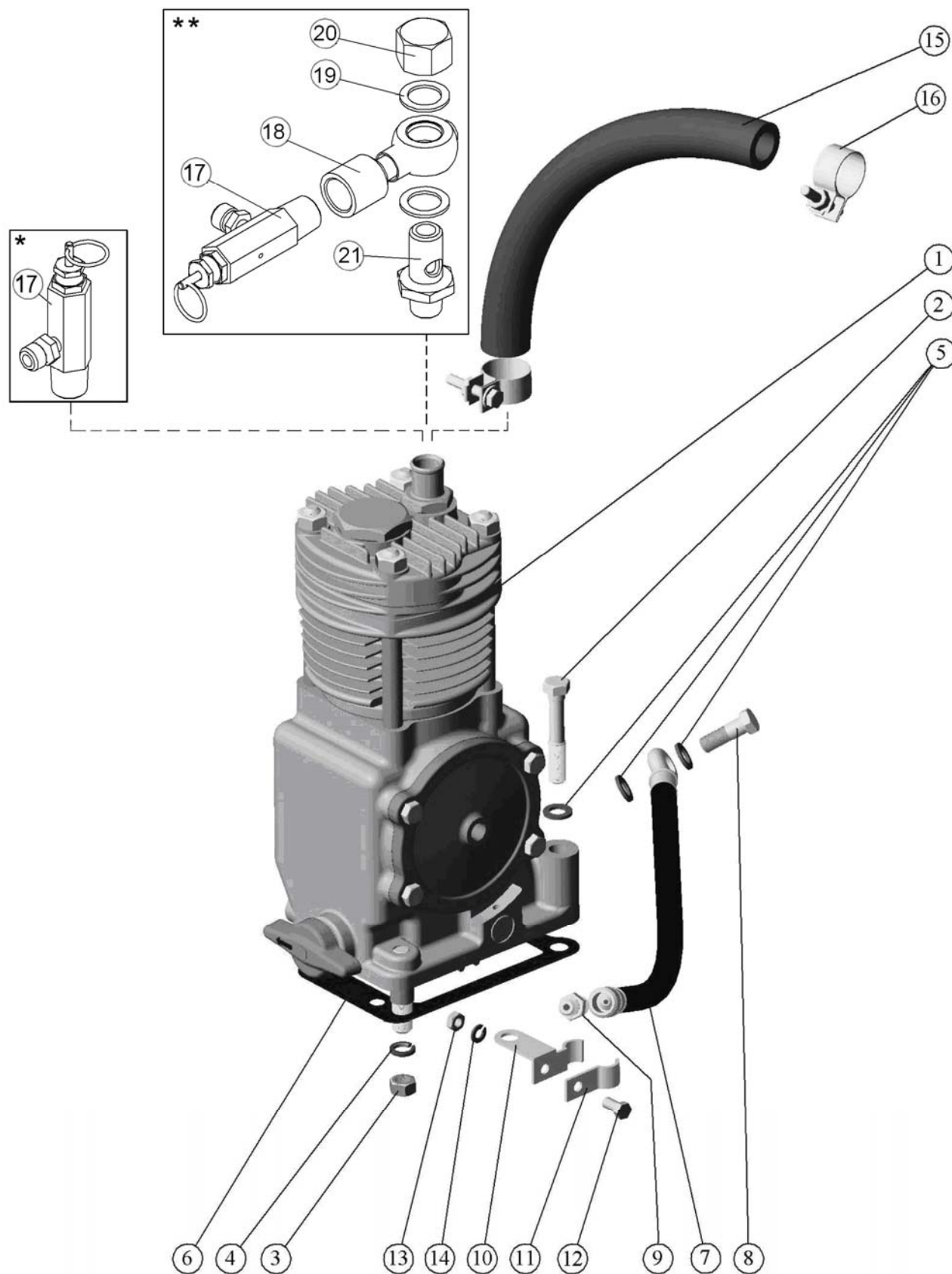


Fig.35.11. Compressor

Group 35. Brakes
Subgroup 3509. Compressor

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.11		240-3509030-A	1	Pneumatic compressor assembly
	1	A29.05.000-B3A	1	Pneumatic compressor
	2	M10-6gx45	1	Bolt
	3	M10-6H	3	Nut
	4	10 65Г 06	3	Washer
	5	36-1104788	3	Gasket
	6	240-3509037-A	1	Gasket
	7	240-3509150	1	Oil pipeline (L=352 mm)
	8	36-1104787	1	Connecting pipe bolt
	9	240-3509232	1	Connecting pipe
	10	240-3509158	1	Clamp
	11	240-3509159	1	Cramp
	12	M6-6gx16	1	Bolt
	13	M6-6H	1	Nut
	14	6 65Г 06	1	Washer
	15	РД 18-29-300-1,3	1	Hose pipe piece
	16	XC-26.019	2	Binding screw clamp
	17	80-3509010 *	1	Valve
	18	920-3509020 **	1	Angle piece
	19	40-4607038-A **	2	Washer
	20	1025-3506623 **	1	Nut
	21	1025-3506622 **	1	Connecting pipe

* The valve for inflating the tyres is installed in case of absence of the pneumatic actuator.

** In case of absence of the pneumatic actuator and air-conditioner compressor.

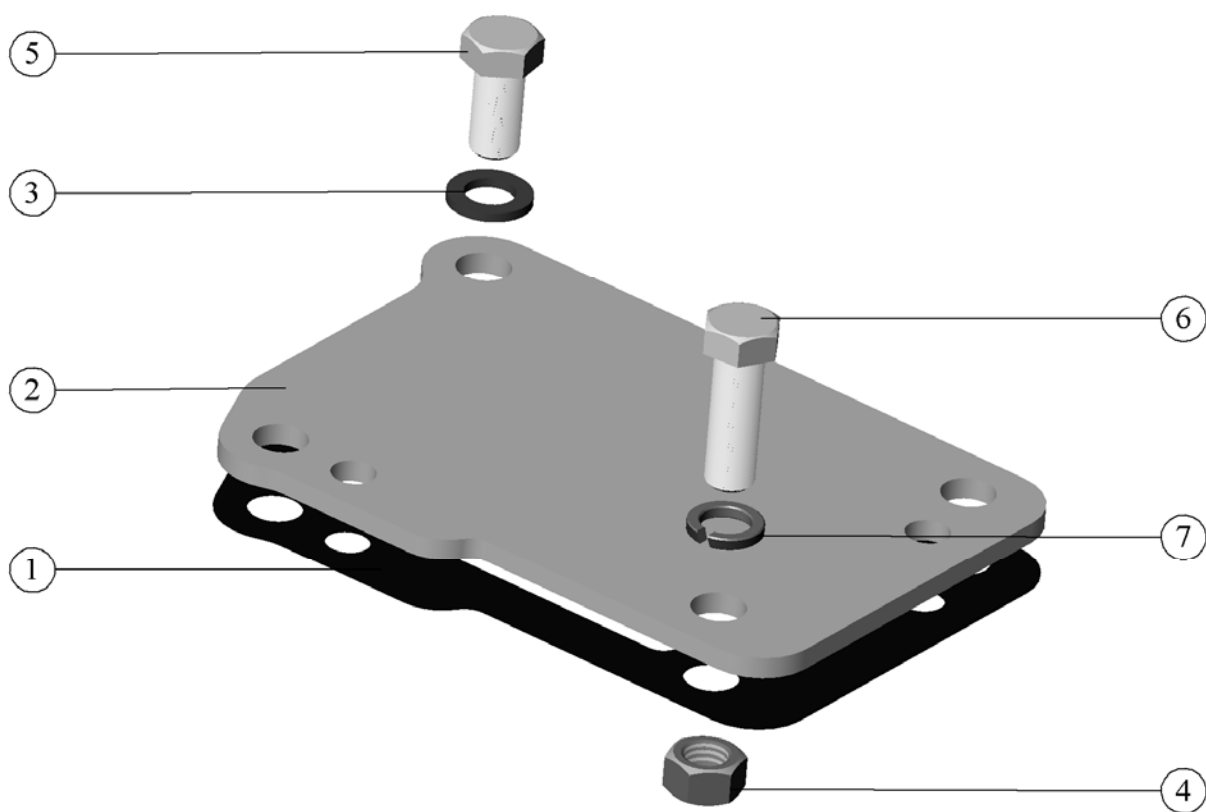


Fig. 35.12. Choke assembly (for tractors without pneumatic compressor)

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

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
35.12		240-3509020	1	Choke assembly
	1	240-3509037-A	1	Gasket
	2	240-3509041	1	Cover
	3	36-1104788	1	Gasket
	4	M10-6H.6.016(S16)	3	Nut
	5	M10x20	1	Bolt
	6	M10x30	3	Bolt
	7	10 65Г 06	3	Washer

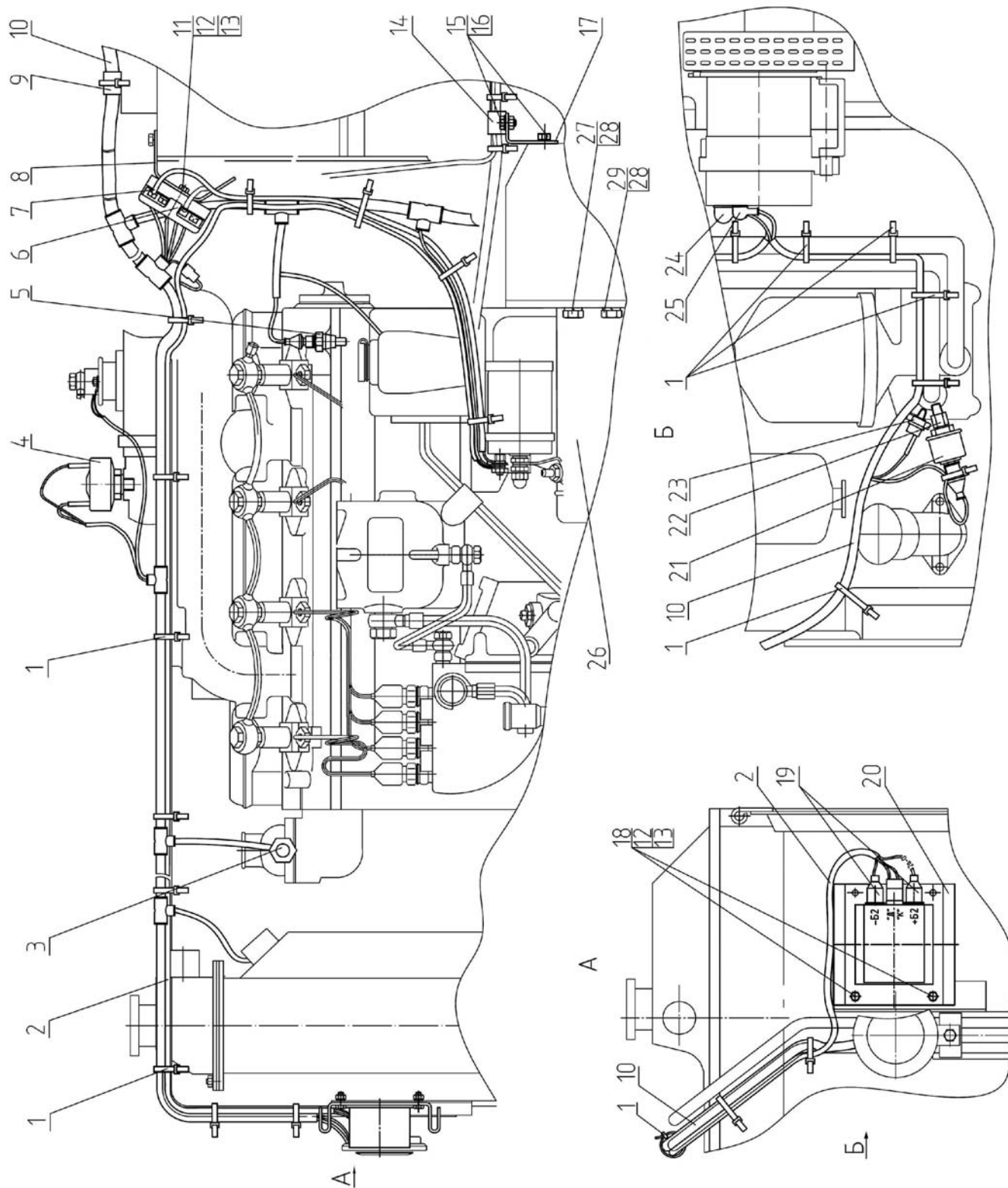
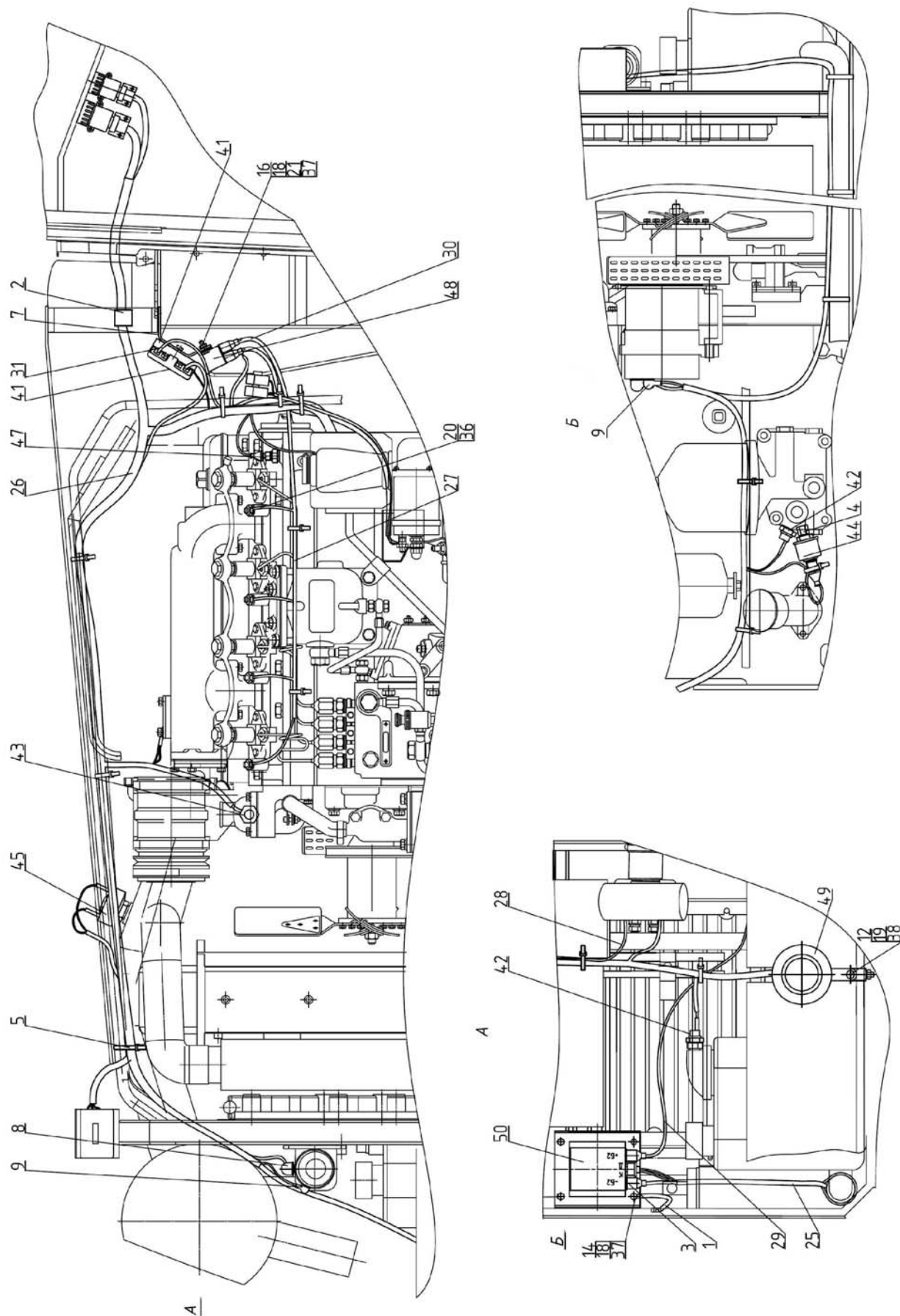


Fig. 37.1 Electric equipment for the engine

Group 37. Electric equipment
Subgroup 3709, 3710. Electric equipment for the engine

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.1		80-3700030-Г		Electric equipment for the engine assembly
	1	80-3723045-01	21	Cuff
	2	80-3724345-B*	1	Bundle
	3	3844.10	1	Emergency temperature sensor
	4	3845.10	1	Air cleaner clogging sensor
	5	3828.10	1	Temperature indicator sensor
	6	3722.40	1	Fuse box
	7	80-3724368-Б	1	Wire
	8	80-3747021	1	Bracket
	9	80-3723016	1	Bracket
	10	80-3724360-Ж	1	Bundle
	11	B.M6-6gx20.58.019 ГОСТ 17473-80	2	Screw
	12	M6-6H.6.019 ГОСТ 5915-70	2/4*	Nut
	13	6T OCT 37.001.115-75	2/4*	Washer
	14	822-3723044	1	Buckle
	15	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	16	8T OCT 37.001.115-75	2	Washer
	17	70-4802060	1	Bracket with nut
	18	M6-6gx16.88.35.019 ГОСТ 7798-70*	2	Bolt
	19	70-3723035*	2	Tip
	20	3859.10*	1	Voltage transducer
	21	3829.10	1	Sensor of oil pressure in the engine
	22	80-3829002	1	Connecting pipe
	23	3829.15	1	Oil emergency pressure sensor
	24	TM-59-6000-38	1	Rubber tip
	25	M2-14.13.238	2	Boot
	26	3708.10	1	Starter 12 V, up to 3 kW
		3708.15	1*	Starter 24 V, up to 4 kW
	27	M12-6gx45.88.35.019 ГОСТ 7796-70	1	Bolt
	28	12 OT OCT 37.001.115-75	1	Washer
	29	M12-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt

* With the starting system rated at 24 V.



Group 37. Electric equipment
Subgroup 3709, 3710. Electric equipment for the engine
 (For Belarus-900.3/920.3/950.3/952.3 tractors)

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.2		920-3700030-B		Electric equipment of the engine
	1	80B-3724310-02	1*	Wire
	2	822-3723044	1	Buckle
	3	70-3723035	4*/2**	Tip
	4	80-3829002	1	Connecting pipe
	5	80-3723045-01	17	Cuff
	7	80-3747021	1	Bracket
	8	50Л-3724050	2	Boot
	9	M2-14-13.238	3	Boot
	12	M8-6gx20.88.35.019 ГОСТ 7796-70	2	Bolt
	14	M6-6gx20.88.35.019 ГОСТ 7798-70	3*	Bolt
	16	B.M6-6gx20.58.019 ГОСТ 17473-80	4	Screw
	18	M6-6H.6.019 ГОСТ 5915-70	5*/4**	Nut
	19	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	20	M5-6H.6.019 ГОСТ 5915-70	4	Nut
	21	C 6.01.019 ГОСТ 6958-78	2	Washer
	25	80-3724345-B	1*	Bundle
	26	920-3724360-B	1	Bundle
	27	80-3724380-A	1	Bundle
	28	920-3724367	1*	Wire
	29	920-3724368-B	1*	Wire
	30	80-3724381	1	Wire
	31	80-3724368-B	1	Wire
	36	5T OCT 37.001.115-75	4	Washer
	37	6T OCT 37.001.115-75	7	Washer
	38	8T OCT 37.001.115-75	2	Washer
	41	3722.40	1	Fuse box
	42	3829.15	2	Oil emergency pressure sensor
	43	3844.10	1	Emergency temperature sensor
	44	3829.10	1	Sensor of oil pressure in the engine
	45	3845.10	1	Air cleaner clogging sensor
	47	3828.10	1	Temperature indicator sensor
	48	3747.35	1	Relay of the glow plugs
	49	3721.10	1	Horn
	50	3759.10	1*	Voltage transducer

* With the starting system rated at 24 V

** With the starting system rated at 12 V

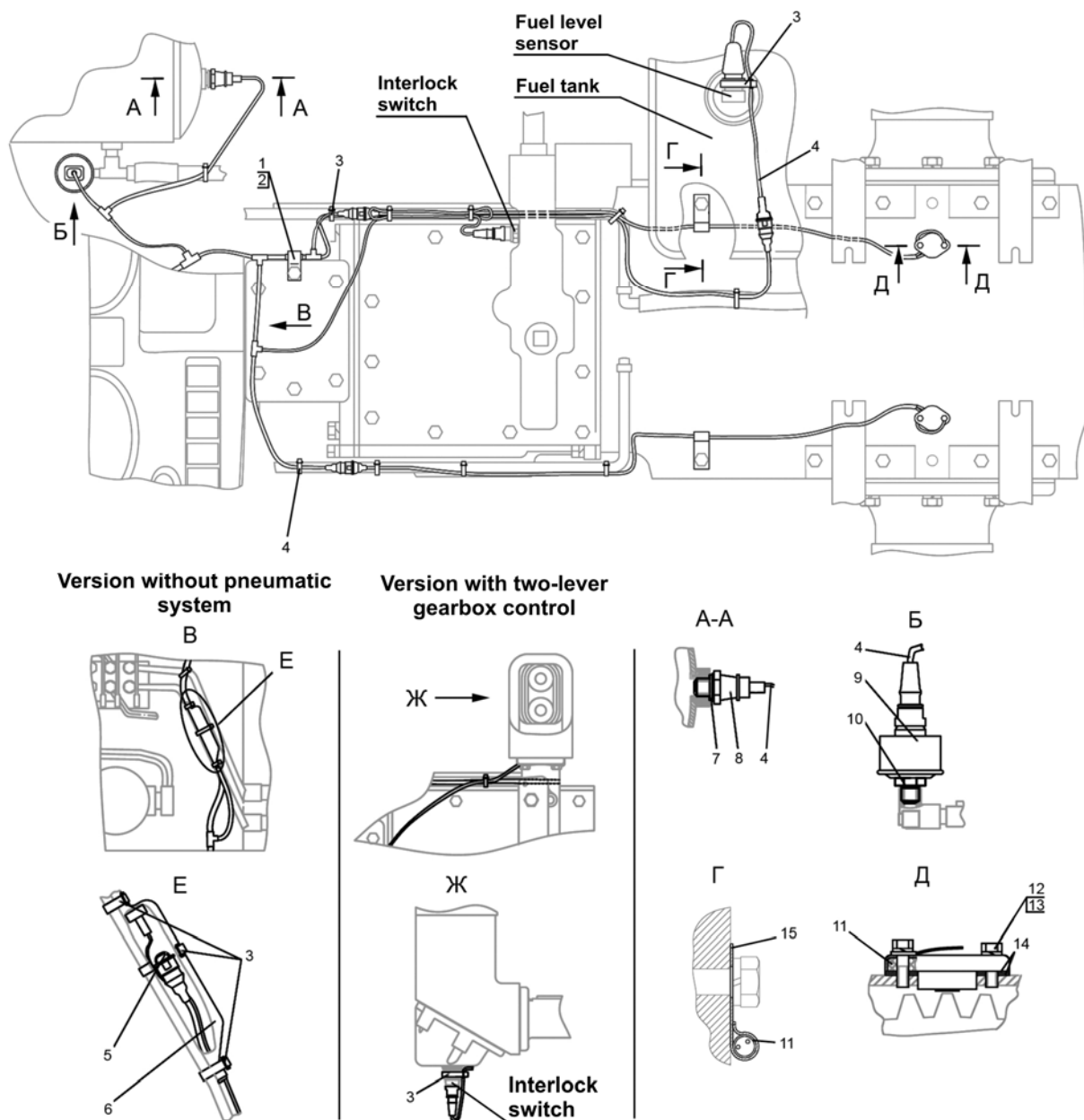


Fig. 37.3. Electric equipment for the transmission

Note to Fig. 37.3

Designation	Remarks
80-3700040-Б	Variant with pneumatic system
80-3700040-Б-01	Variant without pneumatic system

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

Fig. No.	Pos. No.	Number of the assembly unit or part	Quantity per version 80-3700040-Б-		Description
			-	01	
37.3		80-3700040-Б	1		Electric equipment for the transmission
		80-3700040-Б-01		1	Electric equipment for the transmission
	1	70-1115012-03	1	1	Buckle
	2	70-3506027	1	1	Bush
	3	80-3723045-01	10	11	Cuff
	4	80-3724317	1	1	Bundle
	5	80-3724002-Б		1	Wire
	6	305-TB-40-35		1	Tube (190 mm)
	7	85-1702051	1		Washer
	8	3829.25	1		Emergency air pressure sensor
	9	3829.20	1		Air pressure sensor
	10	Д18-055-А	1		Seal ring
	11	3843.10	2	2	Rotational speed sensor
	12	M8-6gx25.88.35.019 ГОСТ 7796-70	4	4	Bolt
	13	8T OCT 37.001.115-75	4	4	Washer
	14	80-3843001	10	10	Gasket
	15	822-3723001	2	2	Cramp

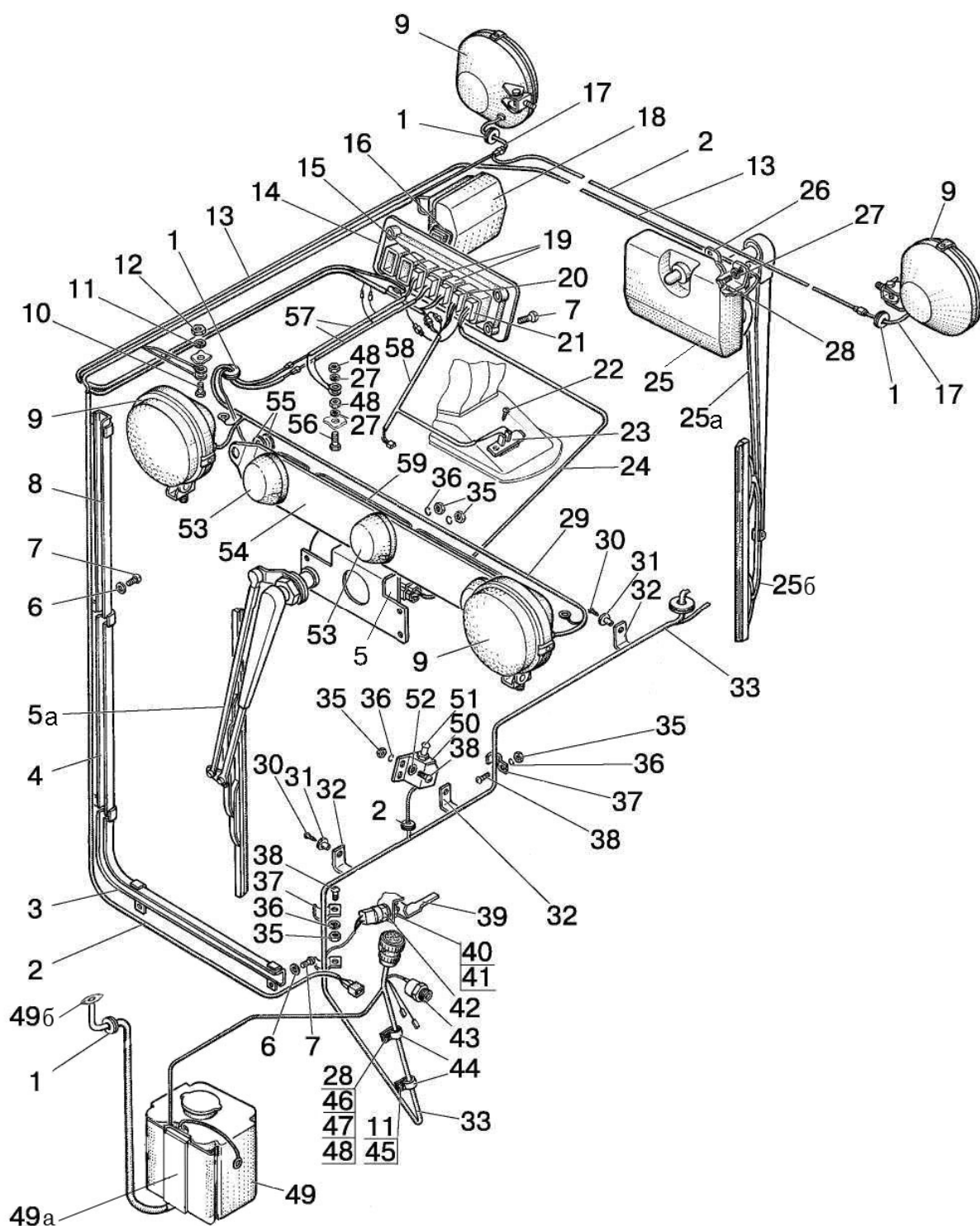


Fig.37.4. Electric equipment for the cab

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.4	1	70-3723042-01	5	Bush
	2	80-3724351-Г1	1	Bundle
	3	80-3723015	1	Chute
	4	80-3723020	1	Chute
	5	5205.10	1	Pantograph-type windscreen wiper
	5a	5205.25	1	Brush with lever 660/600
	6	C 6.01.019 ГОСТ 11371-78	5	Washer
	7	B.M6-6gx12.58.019 ГОСТ 17474-80	9	Screw
	8	80-3723010	1	Chute
	9	8724.31.06	4	Working light
	10	M8-6gx14.88.35.019 ГОСТ 7796-70	1	Bolt
	11	8T OCT 37.001.115-75	1	Washer
	12	M8-6H.6.019 ГОСТ 5915-70	1	Nut
	13	80B-3724310-14	1	Wire
	14	80-3801342	1	Shield
	15	3710.40	1	Road train sign switch
	16	80-3801327	2	Choke
	17	80-3724035-Б	2	Wire
	18	3714.10	1	Cab lighting lamp 105x95
	19	3710.30	2	Working light switch
	20	3709.15	1	Fan switch
	21	3709.25	1	Windscreen wiper switch
	22	4x10.01.019 ГОСТ 10621-80	1	Screw
	23	11.3729	1	Additional resistor
	24	80B-3724010	1	Bundle
	25	5205.20	1	Windscreen wiper
	25a	5205.30	1	Windscreen wiper lever 420
	25б	5205.35	1	Windscreen wiper brush 460
	26	80-5205031	1	Bracket
	27	6T OCT 37.001.115-75	5	Washer
	28	M6-6gx16.88.35.019 ГОСТ 7798-70	2	Bolt
	29	80-3724232-Б	1	Bundle
	30	2-4x16.019 ГОСТ 1144-80	4	Wood screw
	31	A37.10.031	4	Boss
	32	85-3723041-01	4	Cramp
	33	80-3724300-Г1	1	Bundle
	35	M5-6H.6.019 ГОСТ 5927-70	11	Nut
	36	5T OCT 37.001.115-75	11	Washer
	37	80-3723038	3	Cramp
	38	B.M5-6gx16.58.019 ГОСТ 17473-80	3	Screw
	39	85-3710032	1	Lever
	40	85-3710025	1	Nut
	41	14 Л ГОСТ 6402-70	1	Washer
	42	3720.10	1	Stop-light switch
	43	3829.15	1	Oil emergency pressure sensor
	44	1321-8700029	2	Clamp
	45	B.M8-6gx25.58.019 ГОСТ 17475-80	1	Screw
	46	B.M6-6gx25.58.019 ГОСТ 17473-80	1	Screw
	47	C 8.01.019 ГОСТ 11371-78	1	Washer
	48	M6-6H.6.019 ГОСТ 5915-70	3	Nut
	49	5208.25	1	Electrical windscreen washer
	49a	5208.20	1	Bracket
	49б	5208.10	1	Jet nozzle

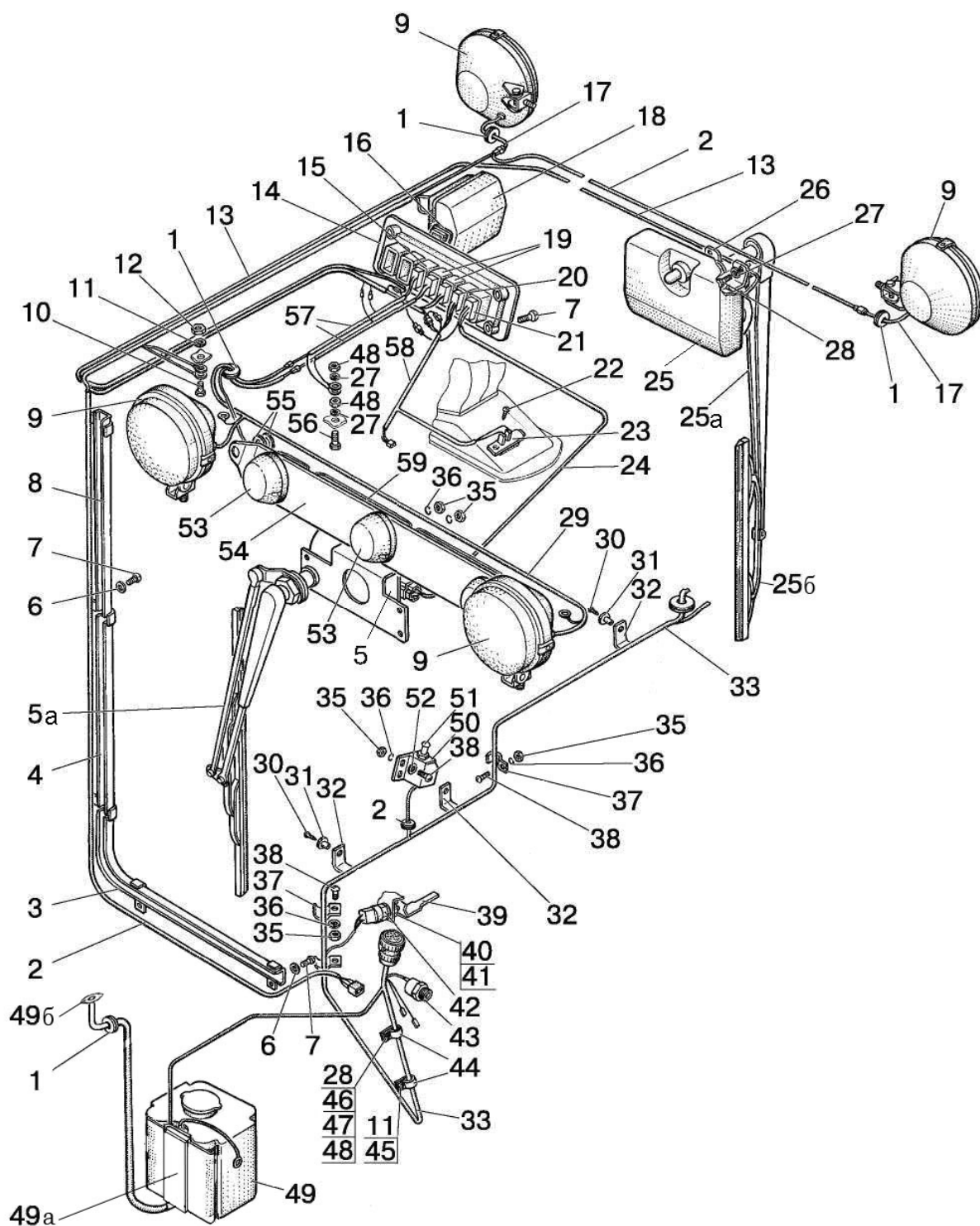


Fig.37.4 Electric equipment for the cab

BELARUS _____ **999/929/959/952**

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.4	50	80-3710012	1	Bracket
	51	3710.60	1	Parking brake lamp switch
	52	C 5.01.019 ГОСТ 11371-78	2	Washer
	53	3738.10	3	Road train light
	54	80-3738001	1	Bracket
	55	80-6708904	4	Gasket
	56	M6-6gx20.58.35.019 ГОСТ 7798-70	1	Bolt
	57	80-3724231-Б	2	Bundle
	58	80-3724353-Г	1	Bundle
	59	80-3724233-Б	1	Bundle

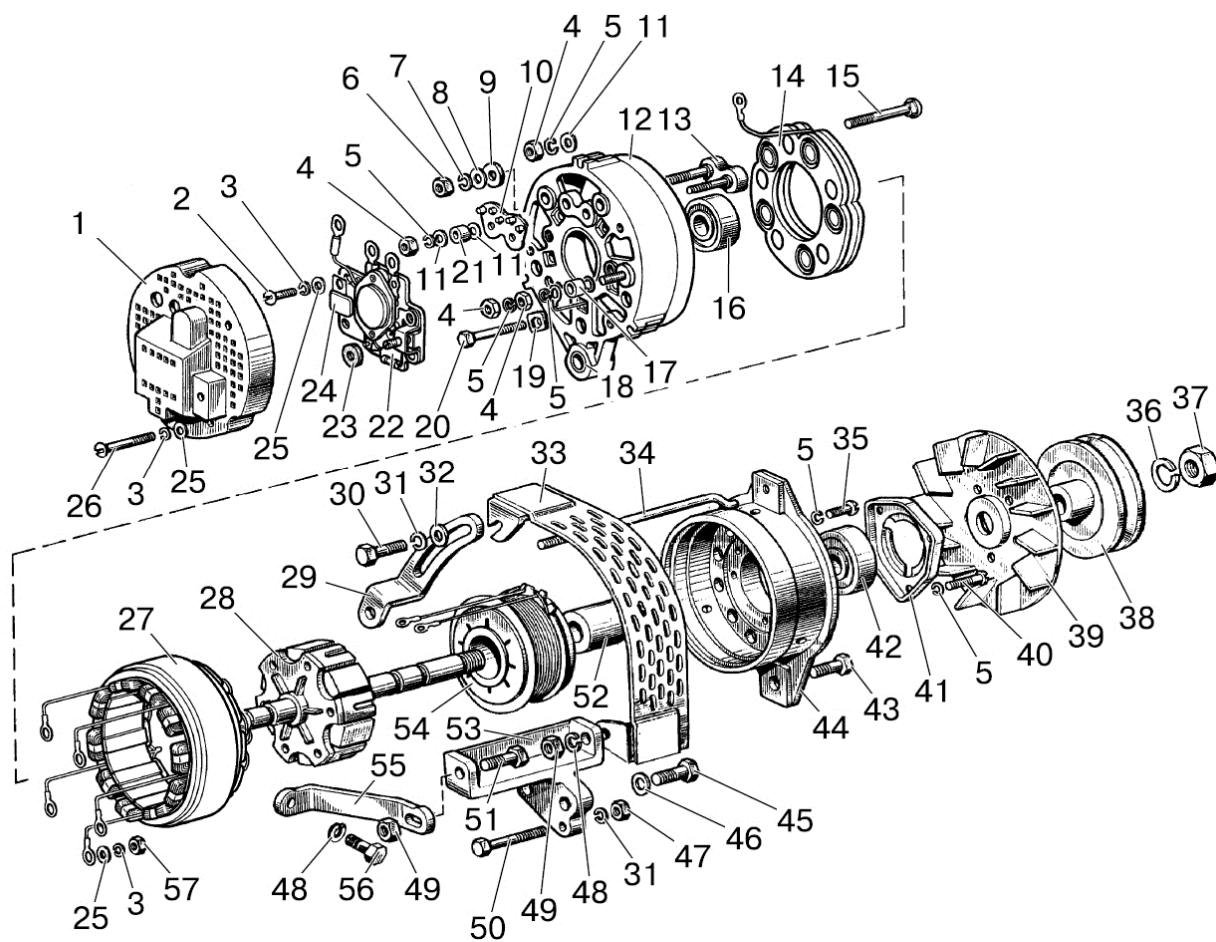


Fig.37.5. Alternator

Group 37. Electric equipment

Subgroup 3701. Alternator

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.5		Г964.3701-1	1	Alternator (1-28, 34-44, 52, 54, 57)
	1	ИЖКС 725325.002-03	1	Regulator cover
	2	В.М4-6gx16.58.019 ГОСТ 17473-80	3	Screw
	3	4 ОСТ 37.001.115-75	9	Washer
	4	М5-6Н.6.019 ГОСТ 5915-70	7	Nut
	5	5Т ОСТ 37.001.115-75	12	Washer
	6	М6-6Н.6.019 ГОСТ 5915-70	3	Nut
	7	6Т ОСТ 37.001.115-75	3	Washer
	8	ИЖКС 758491.032	2	Washer
	9	ИЖКС 754152.003	1	Insulating washer
	10	ИЖКС 757542.004	1	Insulator
	11	С 5.01.019 ГОСТ 11371-78	7	Washer
	12	ИЖКС 301261.037	1	Rear cover
	13	ИЖКС 685158.002	1	Terminal board
	14	ИЖКС 435214.002	1	Rectifier
	15	ИЖКС 758165.001	1	Bolt М6
	16	6-180502К1С9	1	Ball bearing
	17	ИЖКС 713141.044	1	Spacing bush
	18	ИЖКС 711143.007	1	Split bush
	19	ИЖКС 757513.004	6	Phase insulator
	20	ИЖКС 758121.001	3	Bolt М4x25
	21	ИЖКС 713141.041	1	Spacing bush
	22	СТ14	1	Regulator
	23	ИЖКС 754152.004	1	Insulating washer
	24	К73-21В	1	Capacitor
	25	С 4.01.019 ГОСТ 11371-78	9	Washer
	26	ИЖКС 758161.002	3	Screw BM4x28
	27	ИЖКС 684214.005	1	Stator
	28	ИЖКС 684241.006-02	1	Rotor
	29	240-3701063-02	1	Slat
	30	М8-6gx20.88.35.019 ГОСТ 7796-70	1	Bolt
	31	С 8.01.019 ГОСТ 11371-78	2	Washer
	32	50-1002073	1	Thrust washer
	33	240-3701060-Б	1	Shield
	34	ИЖКС 758191.001	3	Clamping bolt
	35	ИЖКС 758151.003	3	Screw BM5x14,5
	36	16 ОТ ОСТ 37.001.115-75	1	Washer
	37	М16x1,5-6Н.6.019 ГОСТ 5915-70	1	Nut
	38	ИЖКС 712645.001	1	Pulley
	39	ИЖКС 723526.001	1	Fan
	40	ИЖКС 758151.003-01	3	Screw BM5x26
	41	ИЖКС 725117.001	1	Bearing cap
	42	6-180603КС9	1	Ball bearing
	43	М10-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	44	ИЖКС 301261.035	1	Front cover
	45	М12-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	46	245-3701069	2	Washer
	47	М8-6Н.6.019 ГОСТ 5915-70	1	Nut
	48	С 10.01.019 ГОСТ 11371-78	2	Washer
	49	М10-6Н.6.019 ГОСТ 5915-70	3	Nut
	50	М8-6gx100.88.35.019 ГОСТ 7795-70	1	Bolt
	51	М10-6gx55.88.35.019 ГОСТ 7795-70	1	Bolt
	52	ИЖКС 713141.039	1	Rotor bush
	53	240-3701056-Б	1	Alternator bracket
	54	ИЖКС 685442.035	1	Field coil
	55	240-3701068-Б	1	Brace
	56	М10-6gx20.88.35.019 ГОСТ 7796-70	1	Bolt
	57	М4-6Н.6.019 ГОСТ 5927-70	3	Nut

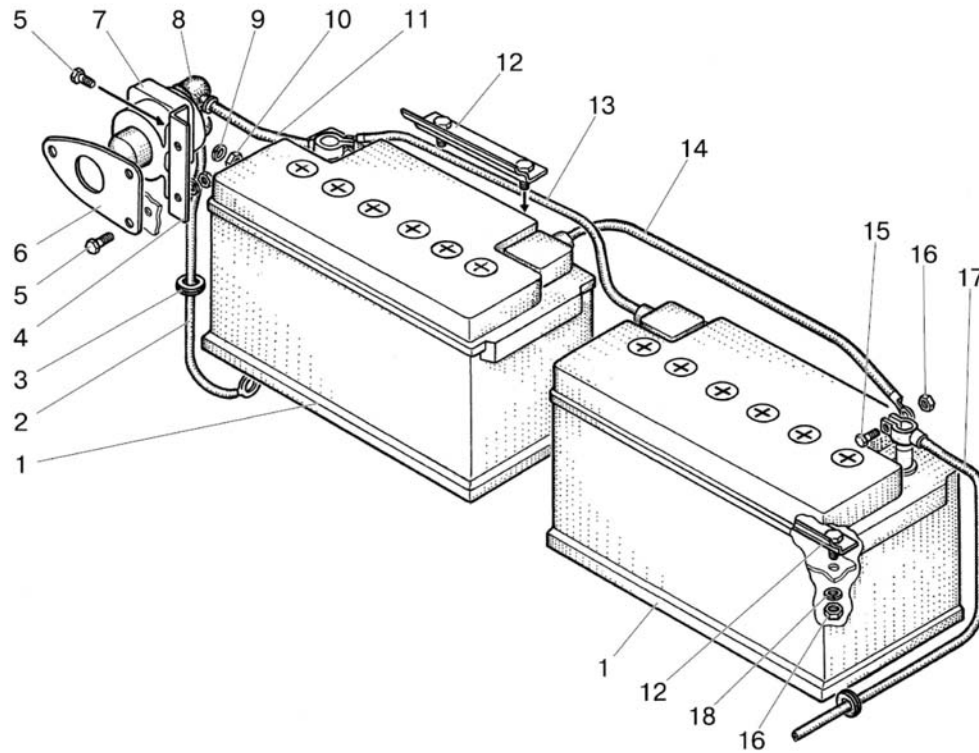


Fig.37.6. Storage battery pack (starting system 12 V)

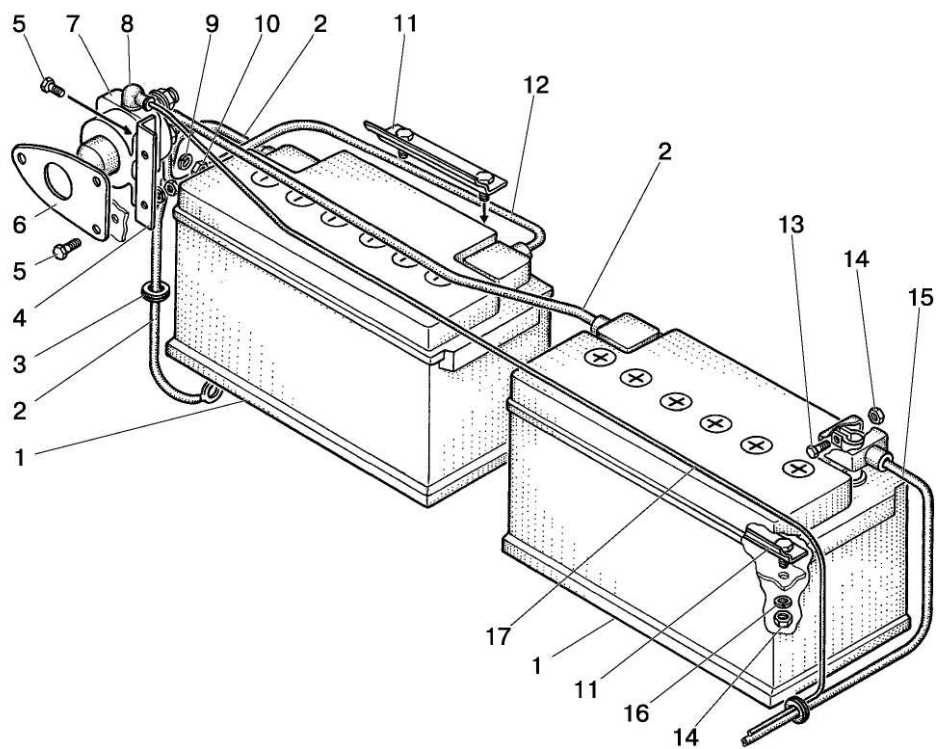


Fig.37.7. Storage battery pack (starting system 24 V)

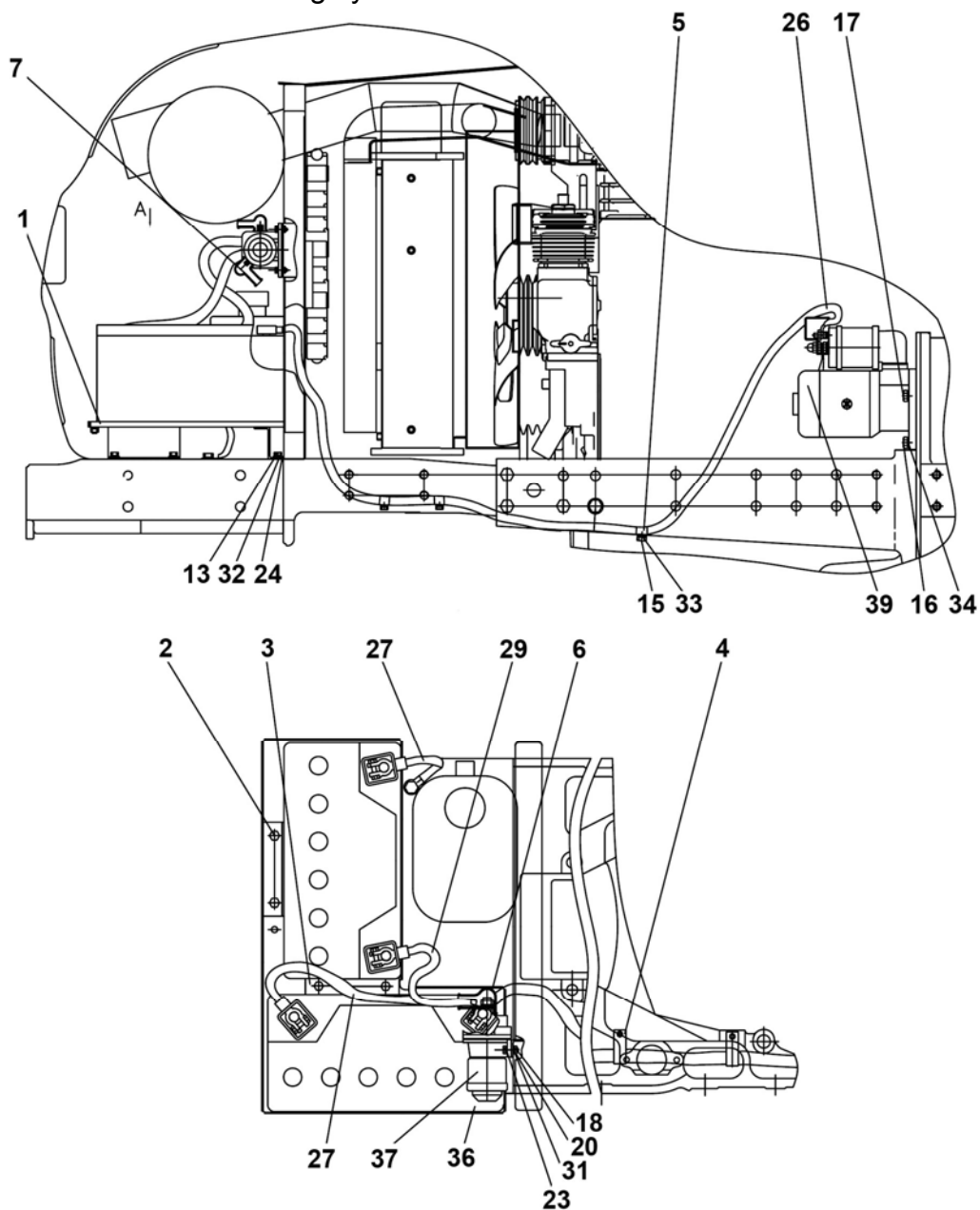
Group 37. Electric equipment
Subgroup 3703. Storage battery pack (starting system 12 V)

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.6		80-3700080-B		Storage battery pack
	1	3703.16	2	Storage battery 12/88
	2	80-3724042	1	Wire
	3	70-3723042-02	1	Bush
	4	80-3703061	1	Bracket
	5	M6-6gx20.58.35.019 ГОСТ 7798-70	5	Bolt
	6	80-3703062	1	Plate
	7	3737.20	1	Manual switch of batteries 12 V
	8	TM-59-6000-38	2	Boot
	9	6T OCT 37.001.115-75	5	Washer
	10	M6-6H.6.019 ГОСТ 5915-70	5	Nut
	11	80-3724043-B	1	Wire
	12	80B-3703020	2	Clamp
	13	80-3724039	1	Wire
	14	80-3724038	1	Wire
	15	M8-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	16	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	17	70-3724041-B	1	Wire
	18	8T OCT 37.001.115-75	4	Washer

Group 37. Electric equipment
Subgroup 3703. Storage battery pack (starting system 24 V)

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.7		80-3700085-B		Storage battery pack
	1	3703.16	2	Storage battery 12/88
	2	1221B-3724075	2	Wire
	3	70-3723042-02	1	Bush
	4	80-3703061	1	Bracket
	5	M6-6gx20.58.35.019 ГОСТ 7798-70	5	Bolt
	6	80-3703062	1	Plate
	7	3737.25	1	Manual switch of batteries 24 V
	8	54.24.445-B	1	Tip
	9	6T OCT 37.001.115-7	5	Washer 5
	10	M6-6H.6.019 ГОСТ 5915-70	5	Nut
	11	80B-3703020	2	Clamp
	12	1025-3724044	1	Wire
	13	M8-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	14	M8-6H.6.019 ГОСТ 5915-70	8	Nut
	15	70-3724041-B	1	Wire
	16	8T OCT 37.001.115-75	4	Washer
	17	80-3724367	1	Wire

For the starting system rated at 24 V



For the starting system rated at 12 V

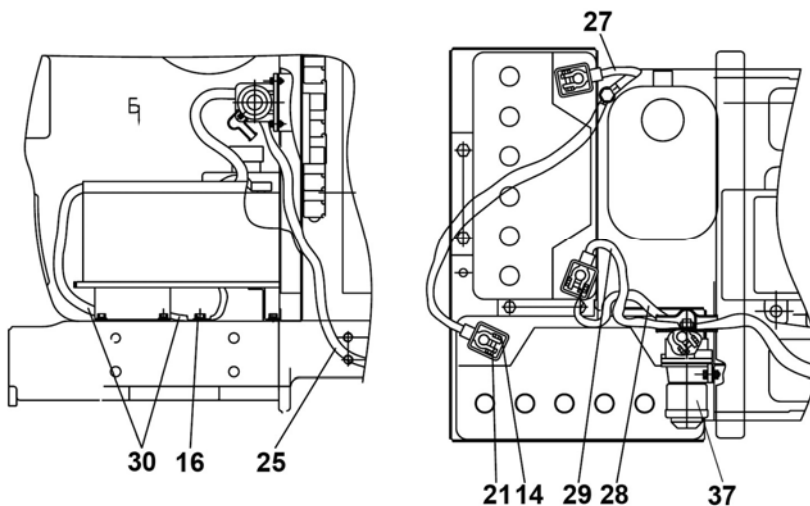


Fig.37.8. Storage battery pack

Group 37. Electric equipment
Subgroup 3703. Storage battery pack

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.8		920-3700080	1	Storage battery pack
	1	920-3703010-Б	1	Base
	2	80B-3703020	1	Clamp
	3	80B-3703012-01	1	Clamp
	4	822-3723044	2	Buckle
	5	923-3723012	1	Buckle
	6	TM-59-6000-38	2	Rubber tip
	7	54.24.445-Б	1*/2**	Tip
	13	M8-6gx20.88.35.019 ГОСТ 7796-70	10	Bolt
	14	M8-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	15	M10-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	16	M12-6gx30.88.35.019 ГОСТ 7796-70	3	Bolt
	17	M12-6gx45.88.35.019 ГОСТ 7796-70	1	Bolt
	18	M6-6gx20.58.35.019 ГОСТ 7798-70	2	Bolt
	20	M6-6H.6.019 ГОСТ 5915-70	2	Nut
	21	M8-6H.6.019 ГОСТ 5915-70	6	Nut
	23	C 6.01.019 ГОСТ 11371-78	2	Washer
	24	C 8.01.019 ГОСТ 11371-78	6	Washer
	25	822-3724041-Б	1*	Wire
	26	923-3724041	1**	Wire
	27	923-3724042	1*/2**	Wire
	28	1221B-3724041	1*	Wire
	29	1221B-3724044-Б	1	Wire
	30	1221B-3724075	1*	Wire
	31	6T OCT 37.001.115-75	2	Washer
	32	8T OCT 37.001.115-75	10	Washer
	33	10 OT OCT 37.001.115-75	1	Washer
	34	12 OT OCT 37.001.115-75	4	Washer
	36	3703.16	2	Storage battery 12/88
	37	3737.10	1*	Remote switch of batteries 12 V
		3737.15	1**	Remote switch of batteries 24 V
	39	3708.25	1*	Starter 12 V, 2.7 kW
		3708.15	1**	Starter 24 V, 4 kW

*With the starting system rated at 12 V

**With the starting system rated at 24 V

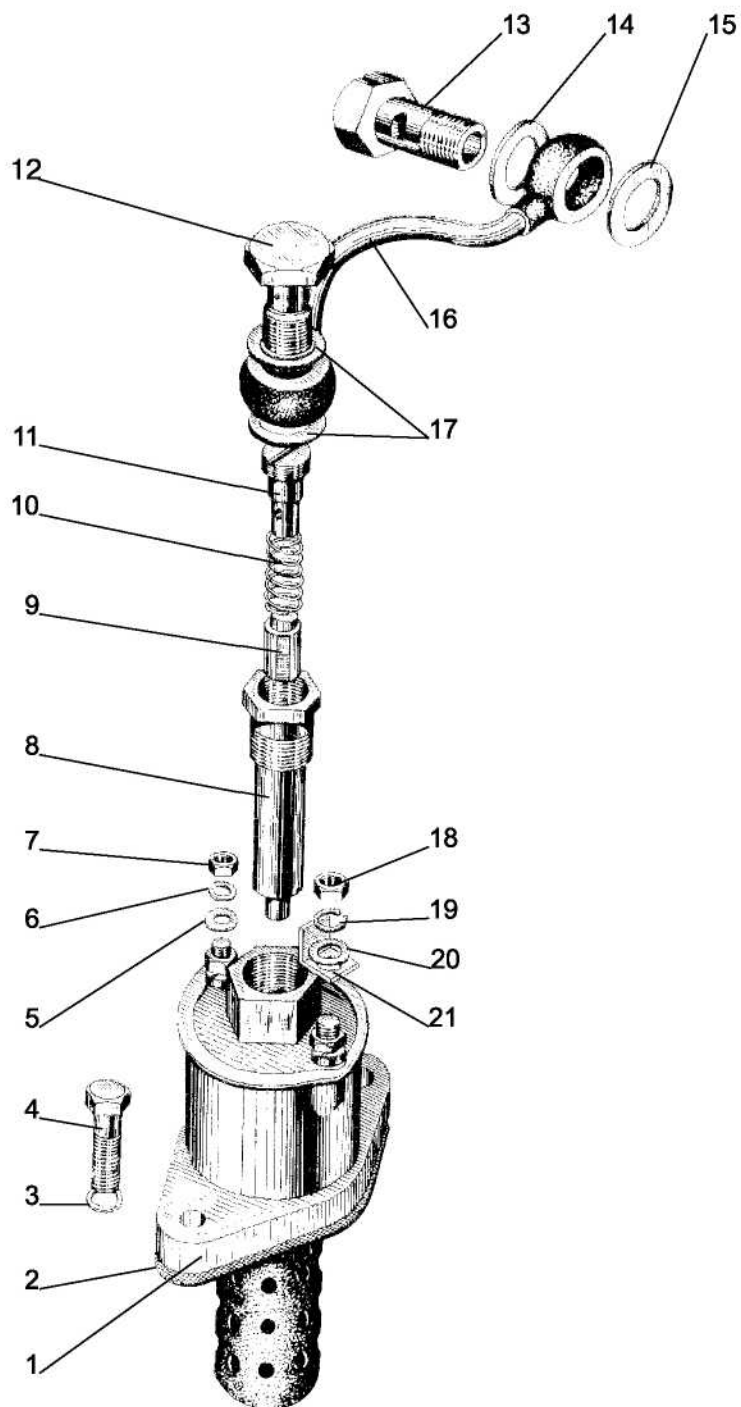


Fig.37.9. Electric torch pre-heater

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.9		ЭФП-8101500-01	1	Electric torch pre-heater (1, 5-12, 17-21)
	1	ЭФП-8101563-Б	1	Casing with coil
		ЭФП-8101570	1	Coil
	2	240-3707115-A1	1	Gasket
	3	6T OCT 37.001.115-75	2	Washer
	4	M6-6gx20.88.35.016 ГОСТ 7798-70	2	Bolt
	5	C 4.01.019 ГОСТ 11371-78	1	Washer
	6	4 OCT 37.001.115-75	1	Washer
	7	M4-6H.6.019 ГОСТ 5927-70	1	Nut
	8	ЭФП-8101610	1	Valve body
	9	ЭФП -8101605-B	1	Valve
	10	16-057	1	Valve spring
	11	ЭФП -8101628-Б	1	Connecting pipe
	12	ЭФП -8101627-B	1	Connecting pipe bolt
	13	36-1104787	1	Connecting pipe bolt
	14	36-1104788	1	Gasket
	15	36-1104788-01	1	Gasket
	16	242-3701130-Б	1	Pipeline
	17	240-1007209	2	Gasket
	18	M5-6H.6.019 ГОСТ 5915-70	1	Nut
	19	5 OCT 37.001.115-75	1	Washer
	20	C 5.01.019 ГОСТ 11371-78	1	Washer
	21	ЭФП -8101696	1	Insulator

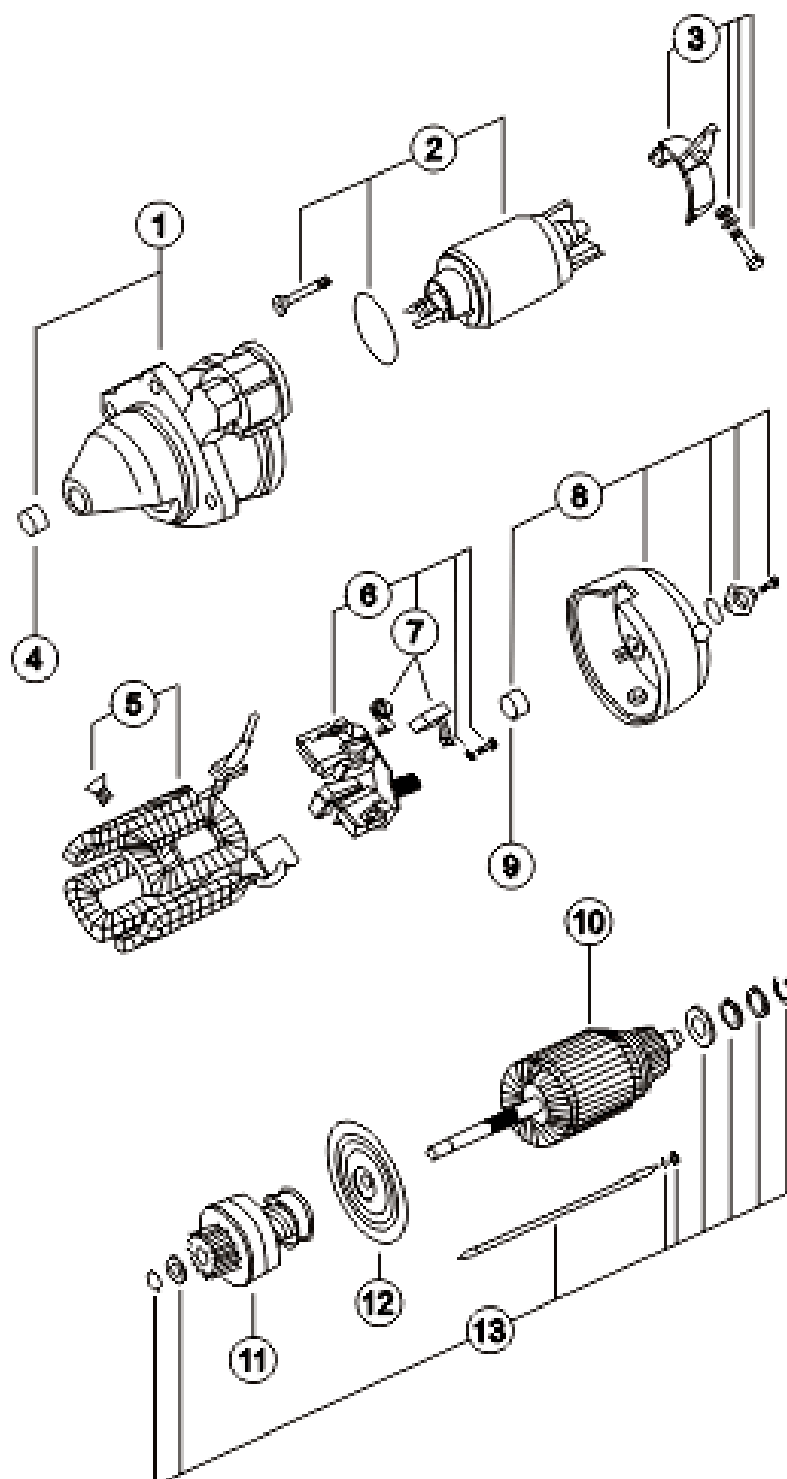


Fig.37.10. Starter

Group 37. Electric equipment
Subgroup 3708. Starter

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.10	1	16.281.793	1	Front cover
	2	16.670.154-01 ^{1/3}	1	Solenoid switch assembly
		16.670.155-01 ^{2/4}		
		16.670.262 ^{1/3}	1	Solenoid switch
		16.670.263 ^{2/4}		
		16.150.007	1	Core
		15.200.058	1	Spring
		707.002.275	1	Ring
		16.300.126	3	Screw
	3	16.901.700	1	Lever
		15.300.191	1	Screw
	4	15.120.243	1	Bearing bush
	5	16.901.700 ^{1/2}	1	Winding
		16.500.664 ³		
		16.500.773 ⁴		
		15.300.191 ^{1/2}	4	Screw
		15.300.166 ^{3/4}		
	6	16.903.908 ¹	1	Brush holder
		16.903.773 ²		
		16.901.954 ³		
		16.901.626 ⁴		
	7	16.770.083 ¹	4	Brush
		16.770.119 ²		
		16.770.378 ³		
		16.770.121 ⁴		
		15.200.243	4	Spring
	8	16.283.449	1	Rear cover
		15.120.155	1	Bush
		15.400.249	1	Insert
		15.900.140	1	Cover
		15.400.056	1	Ring
		15.300.710	2	Screw
	9	15.120.155	1	Bearing bush
	10	16.360.402 ¹	1	Rotor
		15.120.155 ²		
		16.361.499 ³		
		16.361.820 ⁴		
	11	16.903.550	1	One-way clutch
	12	16.281.299	1	Intermediate cover
		15.120.154	1	
	13	15.200.007	1	Ring
		15.300.042	1	Ring
		15.300.057 ^{1/2}	2	Pin
		15.300.594 ^{3/4}		
		D 6	1	Washer
		M 6	1	Nut
		15.401.009	1	Washer
		15.300.027	1	Washer
		15.300.028	2	Washer
		15.900.204	1	Washer

¹ starter AZJ 3124(12 V)

² starter AZJ 3353(24 V)

³ starter AZJ 3385 (12 V)

⁴ starter AZJ 3381 (24 V)

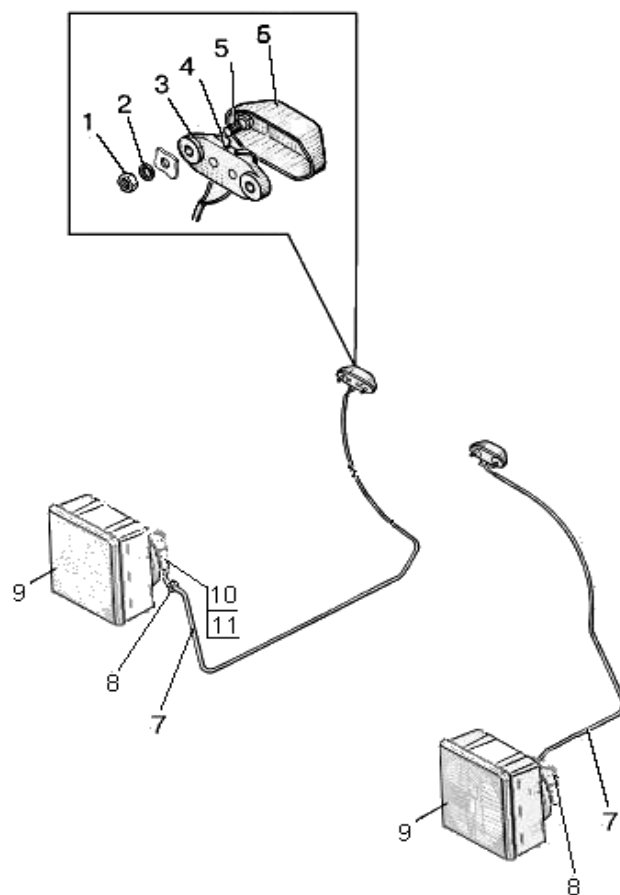


Fig.37.11. Road headlight assembly

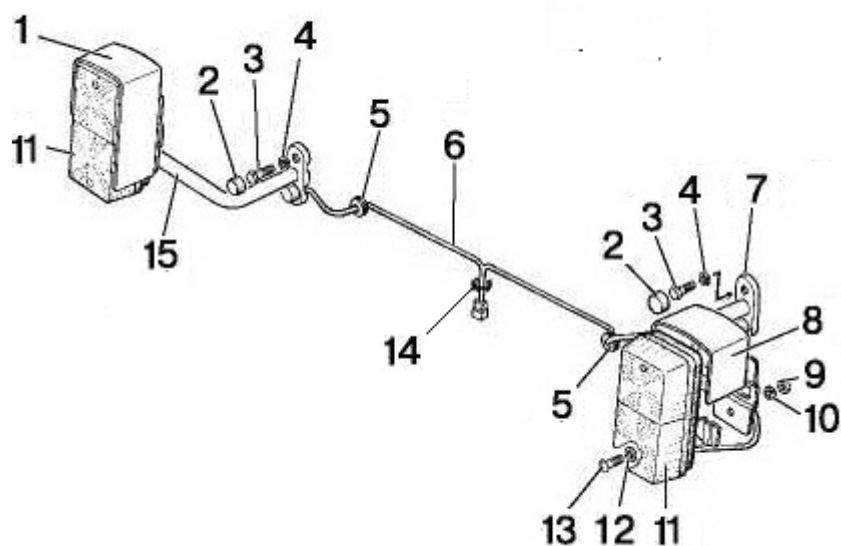


Fig.37.12. Front light assembly

Group 37. Electric equipment
Subgroup 3711. Road headlight assembly.

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.11	1	M5-6H.6.019 ГОСТ 5927-70	6	Nut
	2	5T OCT 37.001.115-75	4	Washer
	3	3723.15	2	Two-contact back plane
	4	80-3723056	4	Slat
	5	B.M5-6gx22.58.019 ГОСТ 17473-80	4	Screw
	6	70-3723036-01	2	Cover
	7	80-3724025-Г	2	Bundle
	8	70-3723042-01	2	Bush
	9	087101000	1	Headlight
	10	M6-6H.6.019 ГОСТ 5915-70	8	Nut
	11	6T OCT 37.001.115-75	8	Washer

Group 37. Electric equipment
Subgroup 3712. Front light assembly.

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.12	1	85-3712045	1	Cover
	2	A30.04.017-01	4	Cap
	3	M8-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	4	8T OCT 37.001.115-75	4	Washer
	5	70-3723042-01	2	Bush
	6	H80-3724131	1	Bundle
	7	H80-3712040	1	Bracket
	8	85-3712045-01	1	Cover
	9	M6-6H.6.019 ГОСТ 5915-70	4	Nut
	10	6T OCT 37.001.115-75	4	Washer
	11	3712.10	2	Front light with side repeater signal
	12	C 6.01.019 ГОСТ 11371-78	4	Washer
	13	B.M6-6gx18.58.019 ГОСТ 17473-80	4	Screw
	14	70-3723042-02	1	Bush
	15	80-3723040	1	Bracket

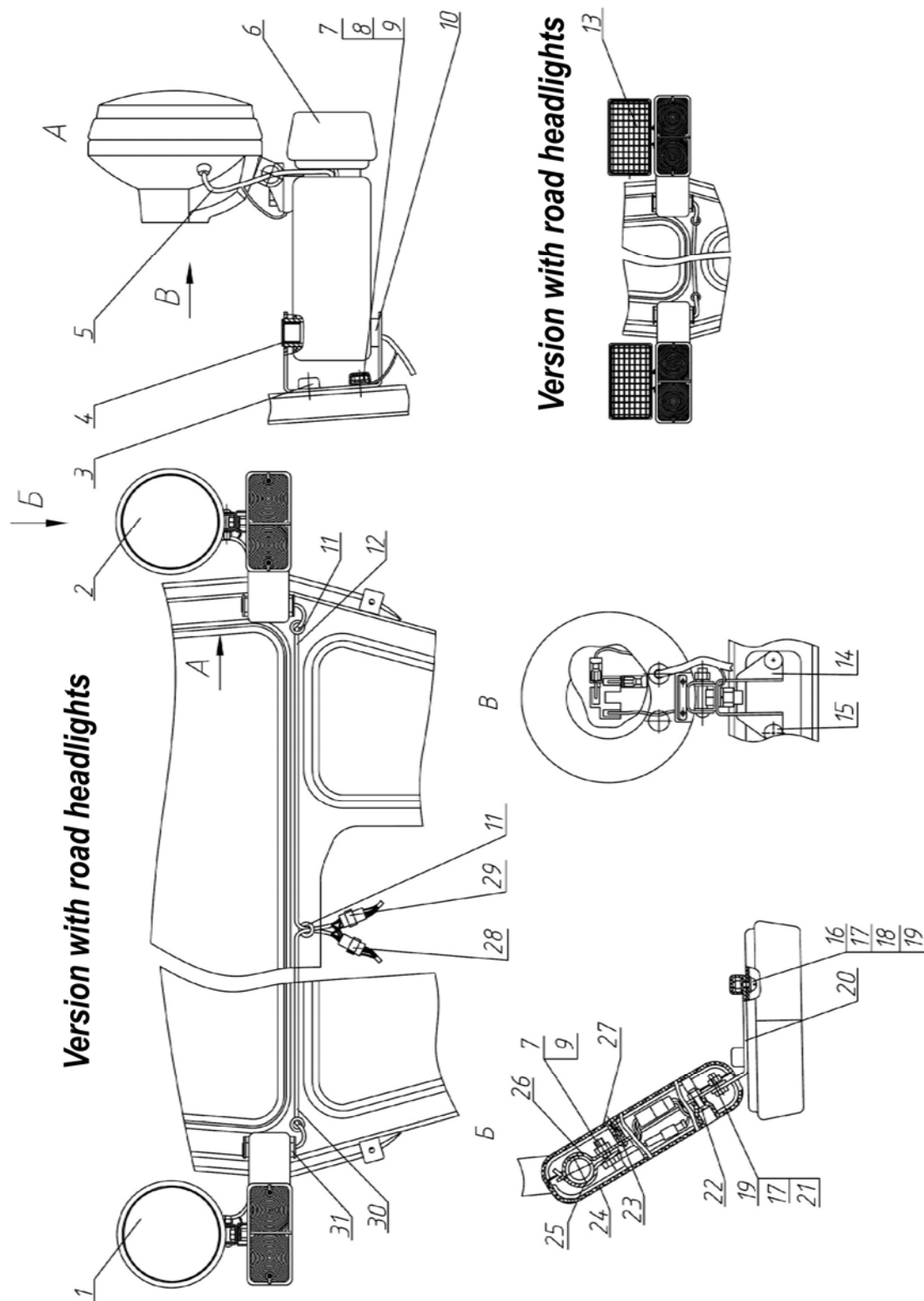


Fig.37.13. Front light assembly

Group 37. Electric equipment
Subgroup 3712. Front light assembly.

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.13	1	8703.302/1-01	1	Right road headlight
	2	8703.302/01-01	1	Left road headlight
	3	A30.04.017-01	4	Cap
	4	36-4603079-B2	2	Choke
	5	920-3724141	2	Bundle
	6	3712.10	1	Front light with side repeater signal
	7	M8-6gx20.88.35.019 ГОСТ 7796-70	8	Bolt
	8	C 8.01.019 ГОСТ 6958-78	4	Washer
	9	8T OCT 37.001.115-75	8	Washer
	10	920-3712025-B	1	Bracket
	11	70-3723042-02	3	Bush
	12	920-3724131-A	1	Bundle
	13	8724.304/011	2	Working light
	14	920-3711011	2	Bracket
	15	A30.04.017	4	Cap
	16	B.M6-6gx18.58.019 ГОСТ 17473-80	4	Screw
	17	M6-6H.6.019 ГОСТ 5915-70	8	Nut
	18	C 6.01.019 ГОСТ 11371-78	4	Washer
	19	6T OCT 37.001.115-75	8	Washer
	20	920-3712012	2	Bracket
	21	M6-6gx18.88.35.019 ГОСТ 7798-70	4	Bolt
	22	B.M6-6gx20.58.019 ГОСТ 17475-80	4	Screw
	23	4x10.019 ТУ РБ 400024166.001-2000	8	Wood screw
	24	920-3712021	2	Cover
	25	920-3712013	2	Cramp
	26	920-3712010	2	Bracket
	27	920-3712022	2	Cover
	28	602604	1	Female connector
	29	502604	1	Male connector
	30	920-3724132-A ГОСТ 23544-84	1	Bundle
	31	920-3712025-B-01	1	Bracket

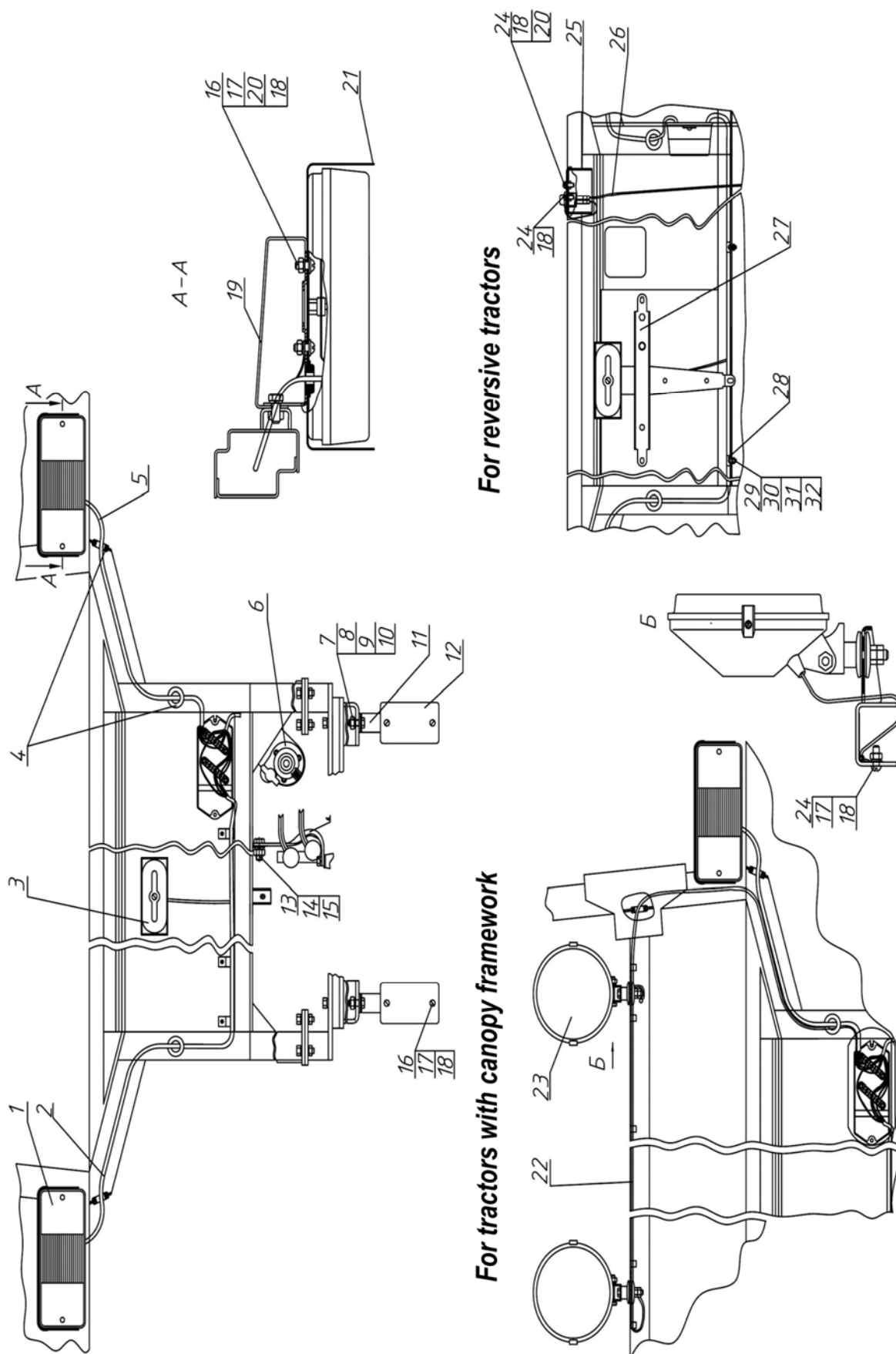


Fig.37.14. Rear light assembly

BELARUS

900/920/950/952

Group 37. Electric equipment
Subgroup 3716. Rear light assembly

Fig. No.	Pos. No.	Designation	Q-ty	Description
37.14	1	3716.10	2	Rear light
	2	85-3724163	1	Bundle (with metallic shells)
		920-3724163	1	Bundle (with plastic shells)
	3	3717.10	1	Number plate light
	4	70-3723042-02	4	Bush
	5	85-3724162	1	Bundle (with metallic shells)
		920-3724162	1	Bundle (with plastic shells)
	6	3723.10	1	Trailer socket
	7	M10-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	8	M10-6H.6.019 ГОСТ 5915-70	2	Nut
	9	C 10.01.019 ГОСТ 6958-78	2	Washer
	10	10 OT OCT 37.001.115-75	2	Washer
	11	Φ50-3731011	2	Bracket
	12	3731.10	2	Cat's eye
	13	M12-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	14	M12-6H.6.019 ГОСТ 5915-70	1	Nut
	15	12 OT OCT 37.001.115-75	1	Washer
	16	B.M6-6gx18.58.019 ГОСТ 17473-80	8	Screw
	17	M6-6H.6.019 ГОСТ 5915-70	10	Nut
	18	6T OCT 37.001.115-75	10	Washer
	19	85-3716012	2	Bracket
	20	C 6.01.019 ГОСТ 11371-78	4	Washer
	21	85-3716015	2	Cover
	22	80-3724005	1	Bundle
	23	8724.31/2021	2	Working light
	24	B.M6-6gx16.58.019 ГОСТ 17473-80	2	Screw
	25	80B-3710010	1	Panel
	26	80-3724036	1	Wire
	27	80B-3716020-Б	1	Bracket
	28	80-3723043	3	Cramp
	29	B.M5-6gx12.58.019 ГОСТ 17473-80	3	Screw
	30	M5-6H.6.019 ГОСТ 5927-70	3	Nut
	31	C 5.01.019 ГОСТ 11371-78	3	Washer
	32	5T OCT 37.001.115-75	3	Washer

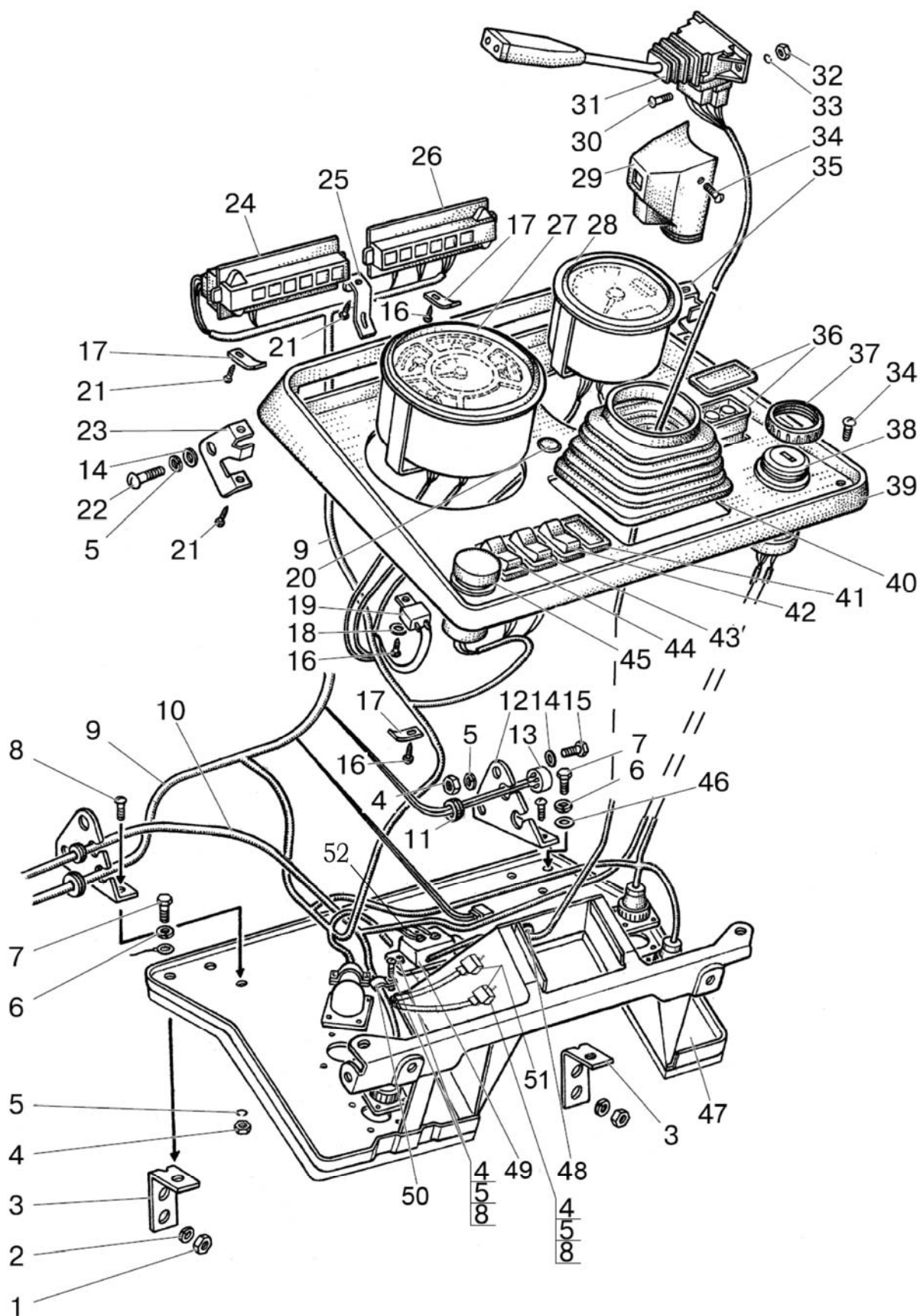


Fig. 38.1. Base, instruments

Group 38. Instrumentation
Subgroup 3805. Base, instruments

Fig. No.	Pos. No.	Designation	Q-ty	Description
38.1		80-3805010-Д1	1	Dashboard (1-52)
	1	M10-6H.6.019 ГОСТ 5915-70	2	Nut
	2	10 OT OCT 37.001.115-75	2	Washer
	3	80-3805030	2	Bracket
	4	M6-6H.6.019 ГОСТ 5915-70	11	Nut
	5	6T OCT 37.001.115-75	13	Washer
	6	8T OCT 37.001.115-75	2	Washer
	7	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	8	B.M6-6gx12.58.019 ГОСТ 17473-80	9	Screw
	9	80-3724395-Г	1	Bundle
	10	80-3724512-B1	1	Bundle
		80-3724517-B1*	1	Bundle
		82П-3724317**	1	Bundle
	11	70-3723042-01	1	Bush
	12	80-3805043	1	Bracket
	13	3747.15	1	Parking brake lamp relay
	14	C 6.01.019 ГОСТ 11371-78	6	Washer
	15	M6-6gx16.88.35.019 ГОСТ 7798-70	4	Bolt
	16	4x10.019 ТУ РБ 400024166.001-2000	4	Wood screw
	17	80-3723026	4	Cramp
	18	C 5.01.019 ГОСТ 11371-78	1	Washer
	19	3747.20	1	Signalling relay
	20	80-3805064	1	Choke
	21	4x16.019 ТУ РБ 400024166.001-2000	7	Wood screw
	22	B.M6-6gx18.58.019 ГОСТ 17473-80	2	Screw
	23	80-3805035-01	1	Bracket
	24	3803.15	1	Pilot lamp block
	25	80-3805015	1	Bracket
	26	3803.10	1	Pilot lamp block
	27	3801.15	1	Combination meter КП-5
	28	3813.10	1	Tachospeedimeter
	29	80-3709023-B	1	Housing (with the switch ПКП-1 or ПКП-1А)
		80-3709023	1	Housing (with the switch 3912.3769 or 3912.3769-01)
	30	B.M5-6gx12.58.019 ГОСТ 17473-80	2	Screw
	31	ПКП-1 or ПКП-1А***	1	Steering-wheel-mounted switch (with housing 80-3709023-B)
		3912.3769 or 3912.3769-01***	1	Steering-wheel-mounted switch (with housing 80-3709023)
	32	M5-6H.6.019 ГОСТ 5927-70	2	Nut
	33	5T OCT 37.001.115-75	2	Washer
	34	B.M6-6gx12.58.019 ГОСТ 17473-80	4	Screw
	35	80-3805035	1	Bracket
	36	3813.15	1	Control panel
	37	80-3805014	1	Nut
	38	3710.45	1	Starter and instrumentation switch
	38a	822-3805013	1	Nameplate
	39	80-3805021-Б	1	Shield
	40	80-3805012-Б	1	Seal
	41	80-3801327	1	Choke
		3710.55*	1	Battery disconnection switch

* With the storage battery located outside the cab

** With electric torch pre-heater

*** With steering column 85П-3401100

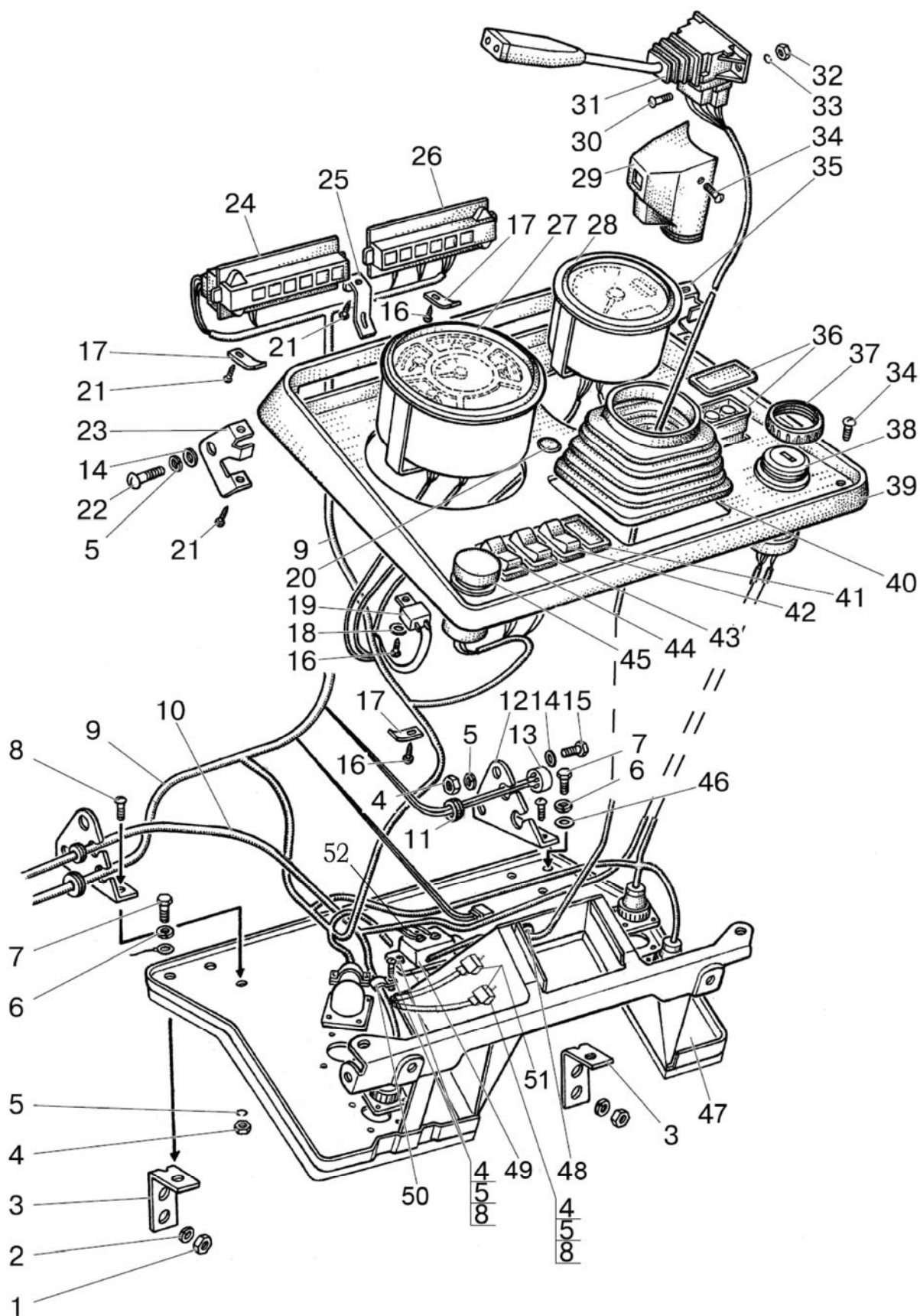


Fig. 38.1. Base, instruments

Group 38. Instrumentation
Subgroup 3805. Base, instruments

Fig. No.	Pos. No.	Designation	Q-ty	Description
38.1	42	3710.50**	1	Starting aid switch
		80-3801327	1	Choke
	43	3710.50	1	Windscreen washer switch
	44	3709.20	1	Light switch
	45	3710.10	1	Fault signalling switch
	46	C 8.01.019 ГОСТ 11371-78	1	Washer
	47	80-3805050-Б1-02	1	Base
	48	50-4607064	1	Bush
	49	3741.20**	1	Additional resistor
	50	80-3723036	1	Cramp
	51	3747.50	2	NO relay 30A
	52	80-3724610-Б**	1	Bundle

* With the storage battery located outside the cab

** With electric torch pre-heater

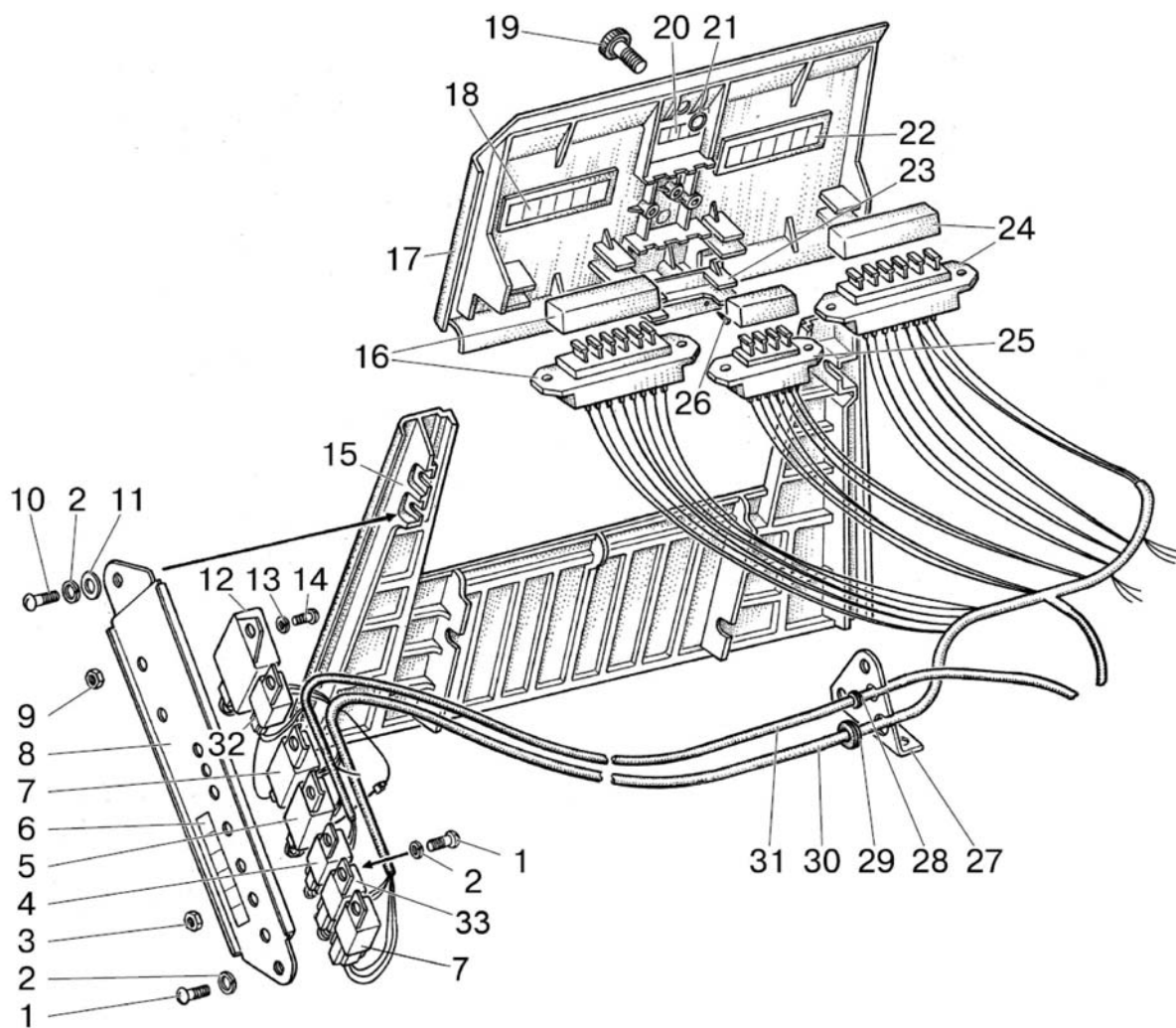


Fig. 38.2. Wall, cover

Group 38. Instrumentation
Subgroup 3805. Wall, cover

Fig. No.	Pos. No.	Designation	Q-ty	Description
38.2	1	B.M6-6gx12.58.019 ГОСТ 17473-80	5	Screw
	2	6T OCT 37.001.115-75	6	Washer
	3	M6-6H.6.019 ГОСТ 5915-70	4	Nut
	4	3747.25	1	Starter relay
	5	3747.40	1	NC relay 20 A
	6	80-3805025-Г	1	Nameplate
	7	3747.50	2*	NO relay 30 A
		3747.50	1	NO relay 30 A
	8	80-3805070	1	Panel
	9	M5-6H.6.019 ГОСТ 5927-70	1	Nut
	10	B.M6-6gx18.58.019 ГОСТ 17473-80	1	Screw
	11	C 6.01.019 ГОСТ 11371-78	1	Washer
	12	3747.10	1	Turn indicator flasher
	13	5T OCT 37.001.115-75	1	Washer
	14	B.M5-6gx16.58.019 ГОСТ 17473-80	1	Screw
	15	80-3805041	1	Wall
	16	3722.15	1	Fuse box
	17	80-3805061	1	Cover
	18	80-3805027-B	1	Nameplate
	19	80-3805065	1	Screw
	20	80-3805037-Г	1	Nameplate
	21	006-010-25-1-4 ГОСТ 18829-73/9833-73	1	Ring
	22	80-3805026	1	Nameplate
	23	ИКСУ 741134.002	1	Holder
	24	3722.10	1	Fuse box
	25	3722.35	1	Fuse box
	26	4x10.019 ТУ РБ 400024166.001-2000	2	Wood screw
	27	80-3805043	1	Bracket
	28	70-3723042-01	1	Bush
	29	70-3723042-02	1	Bush
	30	80-3724395-Г	1	Bundle
	31	80-3724512-B1	1	Bundle
		80-3724517-B1**	1	Bundle
	32	3747.30	1	Instrumentation supply relay
	33	3741.15*	1	Pre-heater control unit
		3741.10	1	Block of glow plugs

* With electric torch pre-heater

** With the storage battery located outside the cab

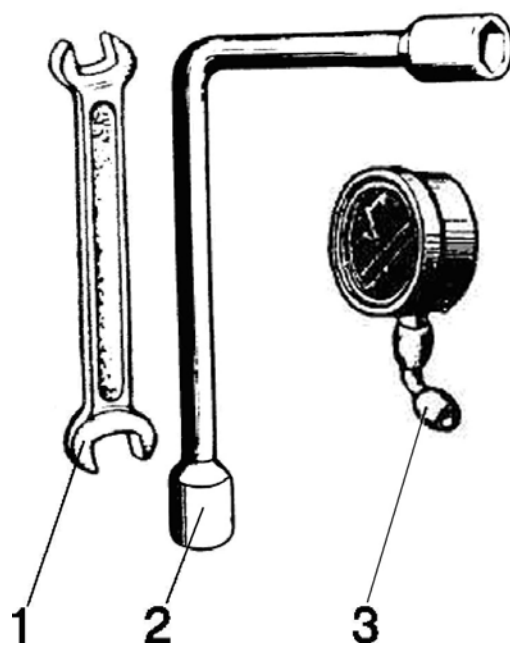


Fig.39.1. Operator tools

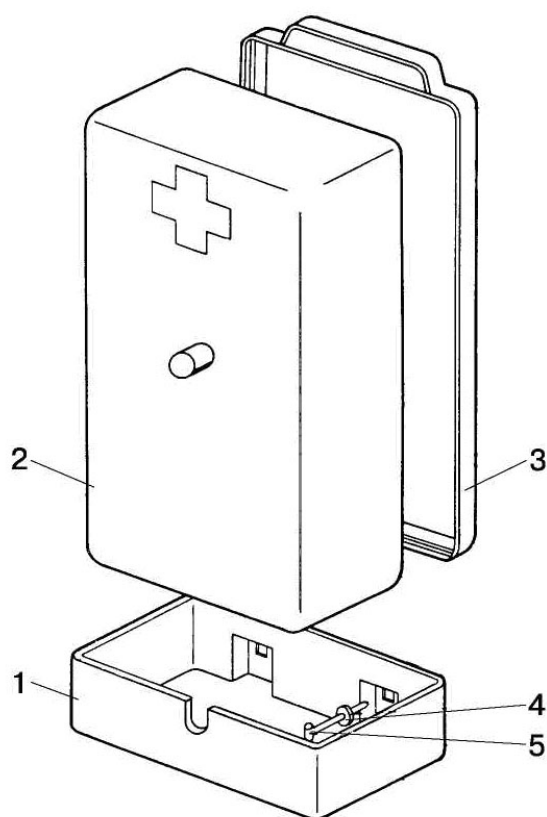


Fig.39.2. First-aid kit

Group 39. Tools and accessories

Subgroup 3901. Operator tools

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

Group 39. Tools and accessories

Subgroup 3912. First-aid kit

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
39.2	1	70-3912153-A	1	Bracket
	2	70-3912152	1	Case
	3	70-3912151	1	Cover
	4	C 6.01.019 ГОСТ 11371-78	3	Washer
	5	70-3723033	3	Cramp

Optionally

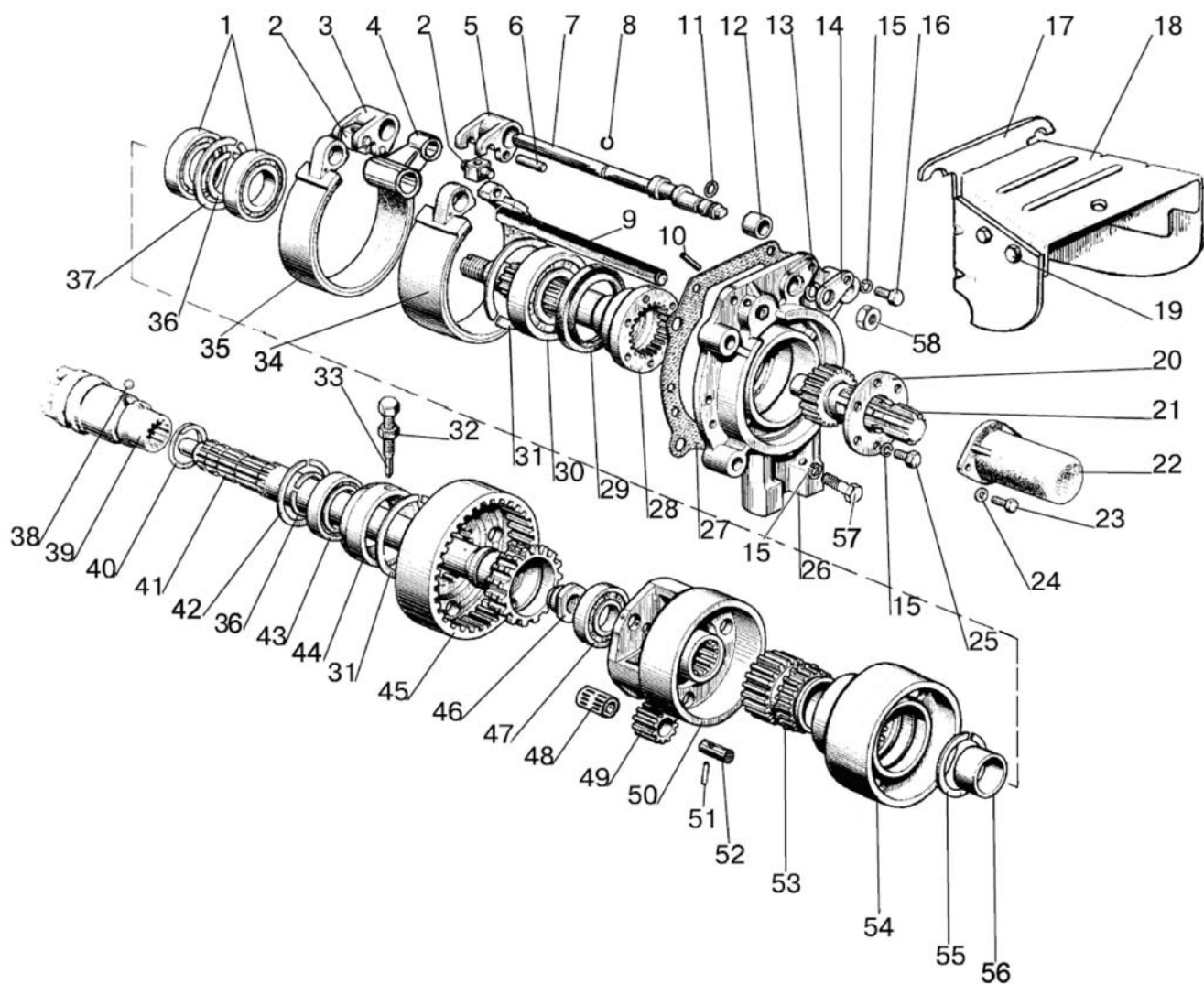


Fig.42.1. Rear power take-off shaft

**Group 42. Power take-off shaft
Subgroup 4202. Rear power take-off shaft**

Fig. No.	Pos. No.	Designation	Q-ty	Description
42.1		85-4202010	1	Rear power take-off shaft
		85-4202020	1	Cover (1-16,20,21,25-31,34-37,46-56)
		70-4202030-A	1	Crown gear (36, 38-45)
	1	209A ГОСТ 8338-75	2	Bearing
	2	50-4202078	2	Pin
	3	50-4202074	1	Lever
	4	50-4202058	1	Bracket
	5	85-4202074	1	Lever
	6	ШЛК 8x36	2	Pin
	7	80-4202076	1	Shaft
	8	54.38.619	1	Ring
	9	70-4202072-Б	1	Shaft
	10	A.8x20.65Г Chemical phosphate oil-impregnated coating ГОСТ 14229-93	1	Pin
	11	014-018-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	12	80-4202082	1	Bush
	13	C18 ГОСТ 13940-86	1	Ring
	14	85-4202079	1	Plate
	15	10 OT OCT 37.001.115-75	12	Washer
	16	M10-6gx40.88.35.019 ГОСТ 7796-70	1	Bolt
	17	Φ70-4202095	1	Hosing
	18	Φ70-4202092	1	Cover
	19	M8-6gx16.88.35.019 ГОСТ 7796-70	4	Bolt
		M8-6H.6.019 ГОСТ 5915-70	4	Nut
		8T OCT 37.001.115-75	4	Washer
		C 8.01.019 ГОСТ 11371-78	4	Washer
	20	80-4202081-A	1	Plate
	21	80-4202019-Б	1	Shank (8 splines)
		80-4202019-Б-01	1	Shank (6 splines) (optional)
		80-4202019-Б-02	1	Shank (21 splines) (optional)
	22	50-4202065-A	1	Cap
	23	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	24	8T OCT 37.001.115-75	2	Washer
	25	M10-6gx18.88.35.019 ГОСТ 7796-70	6	Bolt
	26	80-4202042-Б	1	Cover
	27	50-4202092A	1	Gasket
	28	80-4202017-Б	1	Shaft
	29	2.2-80x105-1 ГОСТ 8752-79/ OCT 3805146-78	1	Cuff
	30	60310A ГОСТ 7242-81	1	Bearing
	31	2C110 ГОСТ 13941-86	2	Ring
	32	M12x1,25-6H.6.019 ГОСТ 5915-70	1	Nut
	33	50-4202068	1	Setting screw
	34	85-4202100-01 or 85-4020100-02	1	Tape with strap 85-4202057 (ТИИР 430) or tape with strap 85-4202057-A7 (ITB 2842)
	35	85-4202100	1	Tape with strap 85-4202056 (ТИИР 430)
	36	2C50 ГОСТ 13940-86	2	Ring
	37	2C85 ГОСТ 13941-86	1	Ring
	38	7,938-100 ГОСТ 3722-81	1	Ball
	39	50-4202046-Б	1	Shift collar
	40	A61.03.002	1	Ring

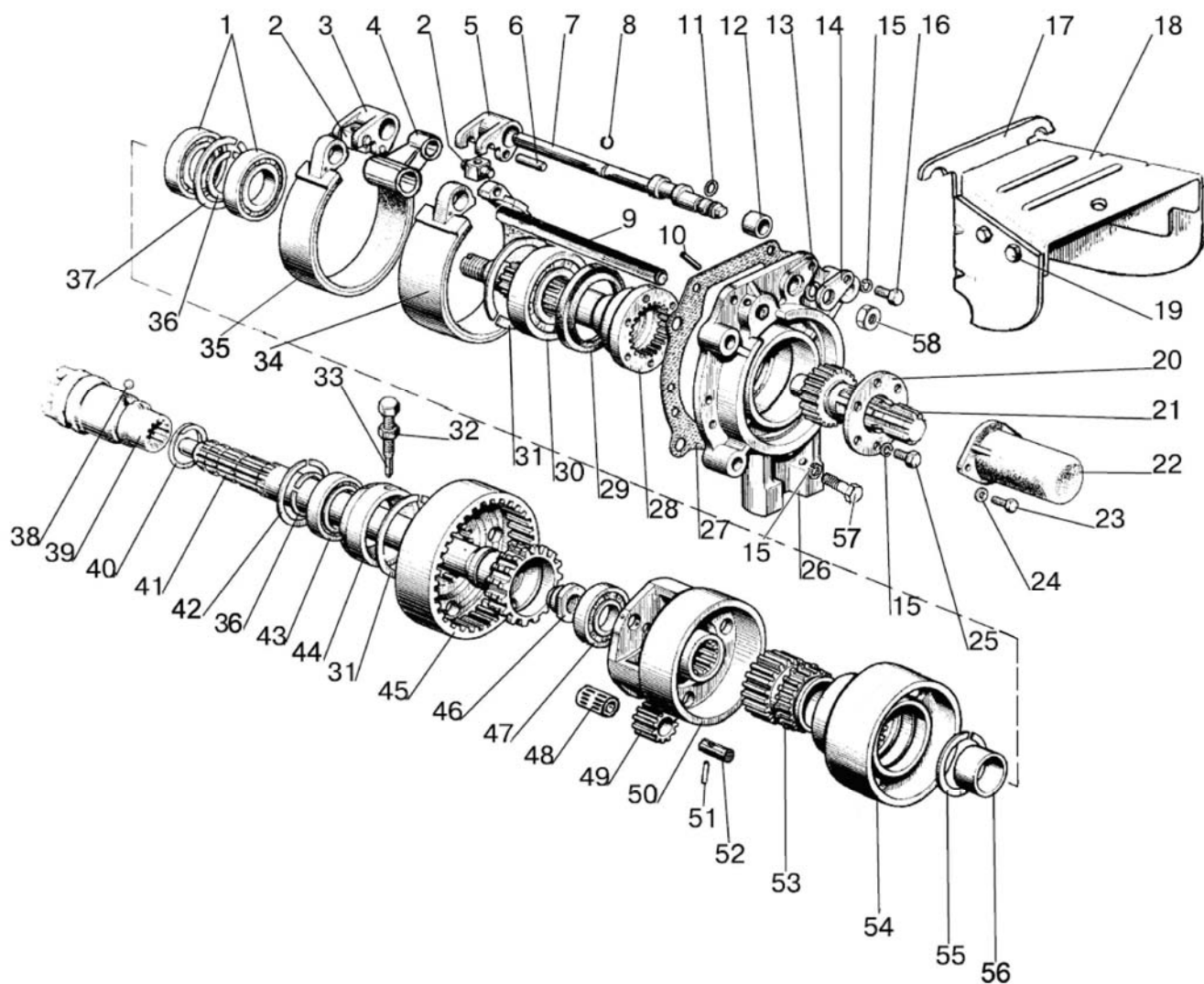


Fig.42.1. Rear power take-off shaft

Group 42. Power take-off shaft
Subgroup 4202. Rear power take-off shaft

Fig. No.	Pos. No.	Designation	Q-ty	Description
42.1	41	70-4202044-Б	1	Shaft
	42	2C90 ГОСТ 13941-86	1	Ring
	43	210 АУШ1 GOST8338-75	1	Bearing
	44	50-4702066-A	1	Cage
	45	70-4202043	1	Crown gear
	46	70-4202083-A	1	Nut
	47	208A ГОСТ 8338-75	1	Bearing
	48	KK20x26x34E ГОСТ 24310-80	3	Bearing
	49	70-4202024	3	Pinion
	40	85-4202065	1	Carrier
	51	70-4202431	3	Pin
	52	70-4202026	3	Pinion shaft
	53	70-4202032	1	Sun gear
	54	85-4202033	1	Drum
	55	2C68 ГОСТ 13940-86	1	Ring
	56	70-4202077	1	Bush
	57	M10-6gx35.88.35.019 ГОСТ 7796-70	5	Bolt
	58	M16x1,5-6H.6.019 ГОСТ 5915-70	4	Nut
	59	16 OT OCT 37.001.115-75	4	Washer
	60	C 16.01.019 ГОСТ 6958-78	2	Washer

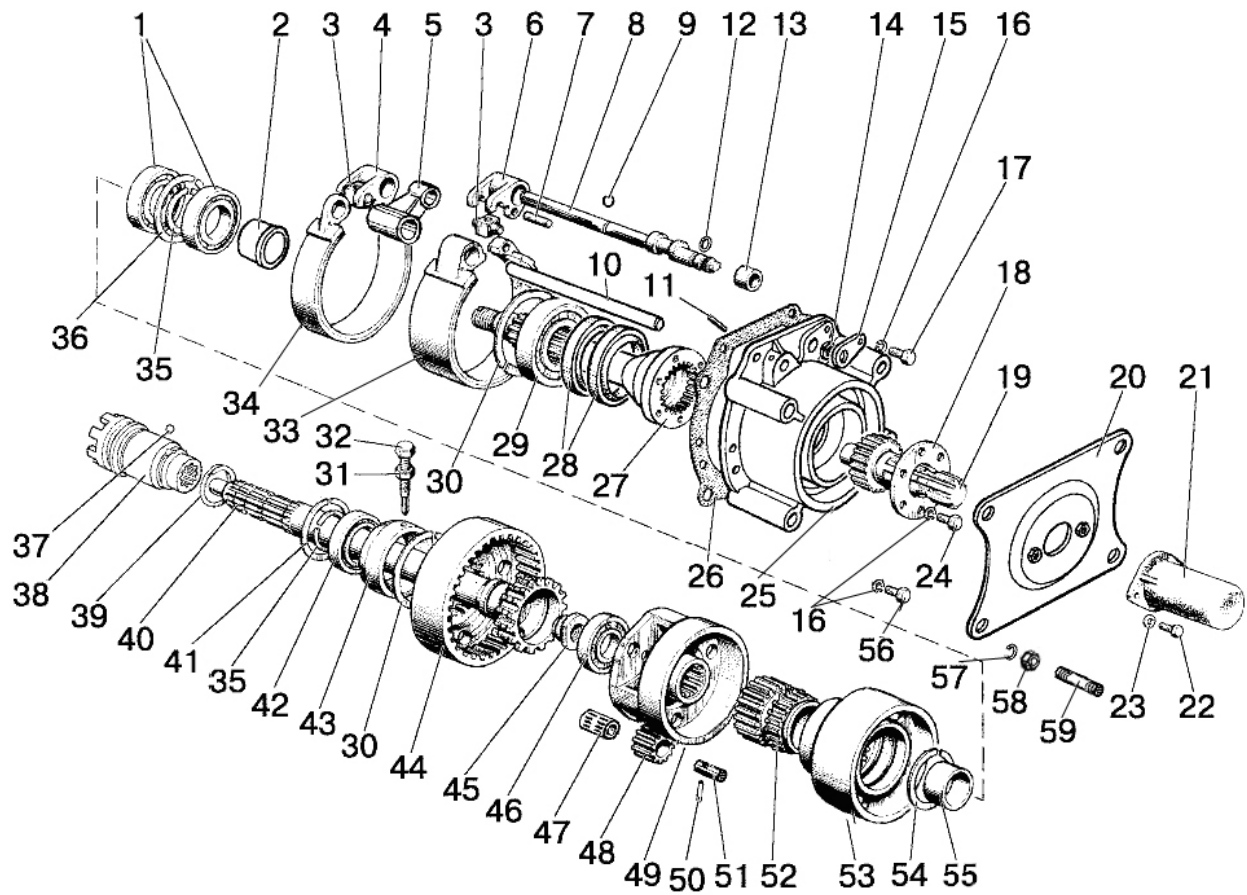


Fig.42.2. Rear power take-off shaft

**Group 42. Power take-off shaft
Subgroup 4202. Rear power take-off shaft**

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
42.2		1221-4202010-A	1	Rear PTO shaft
		1221-4202020-A	1	Cover (1-16, 20, 21, 25-31, 35-37, 47-56)
		70-4202030-A	1	Crown gear (38-46)
	1	209A ГОСТ 8338-75	2	Bearing
	2	1221-4202077	1	Bush
	3	50-4202078	2	Pin
	4	50-4202074	1	Lever
	5	50-4202058	1	Bracket
	6	85-4202074	1	Lever
	7	ШЦК 8x36	2	Pin
	8	80-4202076	1	Shaft
	9	54.38.619	1	Ring
	10	70-4202072-B	1	Ось
	11	A.8x20.65Г	1	Pin
	12	014-018-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	13	80-4202082	1	Bush
	14	C18 ГОСТ 13940-86	1	Ring
	15	85-4202079	1	Plate
	16	10 OT OCT 37.001.115-75	12	Washer
	17	M10-6gx40.88.35.019 ГОСТ 7796-70	1	Bolt
	18	80-4202081-A	1	Plate
	19	80-4202019-B	1	Shank (with 8 splines)
		80-4202019-B-01*	1	Shank (with 6 splines)
		80-4202019-B-02*	1	Shank (with 21 splines)
	20	1321-4202180	1	Plate
	21	50-4202065-A	1	Cap
	22	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	23	8T OCT 37.001.115-75	2	Washer
	24	M10-6gx18.88.35.019 ГОСТ 7796-70	6	Bolt
	25	1221-4202042	1	Cover
	26	50-4202092-A	1	Gasket
	27	1221-4202017	1	Shaft
	28	2.2-80x105-1 ГОСТ 8752-79/OCT 3805146-78	2	Cuff
	29	60310A ГОСТ 7242-81	1	Bearing
	30	2C110 ГОСТ 13941-86	1	Ring
	31	M12x1,25-6H.6.019 ГОСТ 5915-70	1	Nut
	32	50-4202130	1	Screw
	33	85-4202100-01 or	1	Tape with strap 85-4202057 (ТИИР 430)
		85-4202100-02		Tape with strap 85-4202057-A7 (ITB 2842)
	34	85-4202100	1	Tape with strap 85-4202056 (ТИИР 430)
	35	2C50 ГОСТ 13940-86	2	Ring
	36	2C85 ГОСТ 13941-86	1	Ring
	37	7,938-100 ГОСТ 3722-81	1	Ball
	38	50-4202046-B	1	Shift collar
	39	A61.03.002	1	Ring
	40	70-4202044-B	1	Shaft
	41	2C90 ГОСТ 13941-86	1	Ring
	42	210 АУШ1 GOST8338-75	1	Bearing
	43	50-4202066-A	1	Cage
	44	70-4202043	1	Crown gear
	45	70-4202083-A	1	Nut

* Optionally

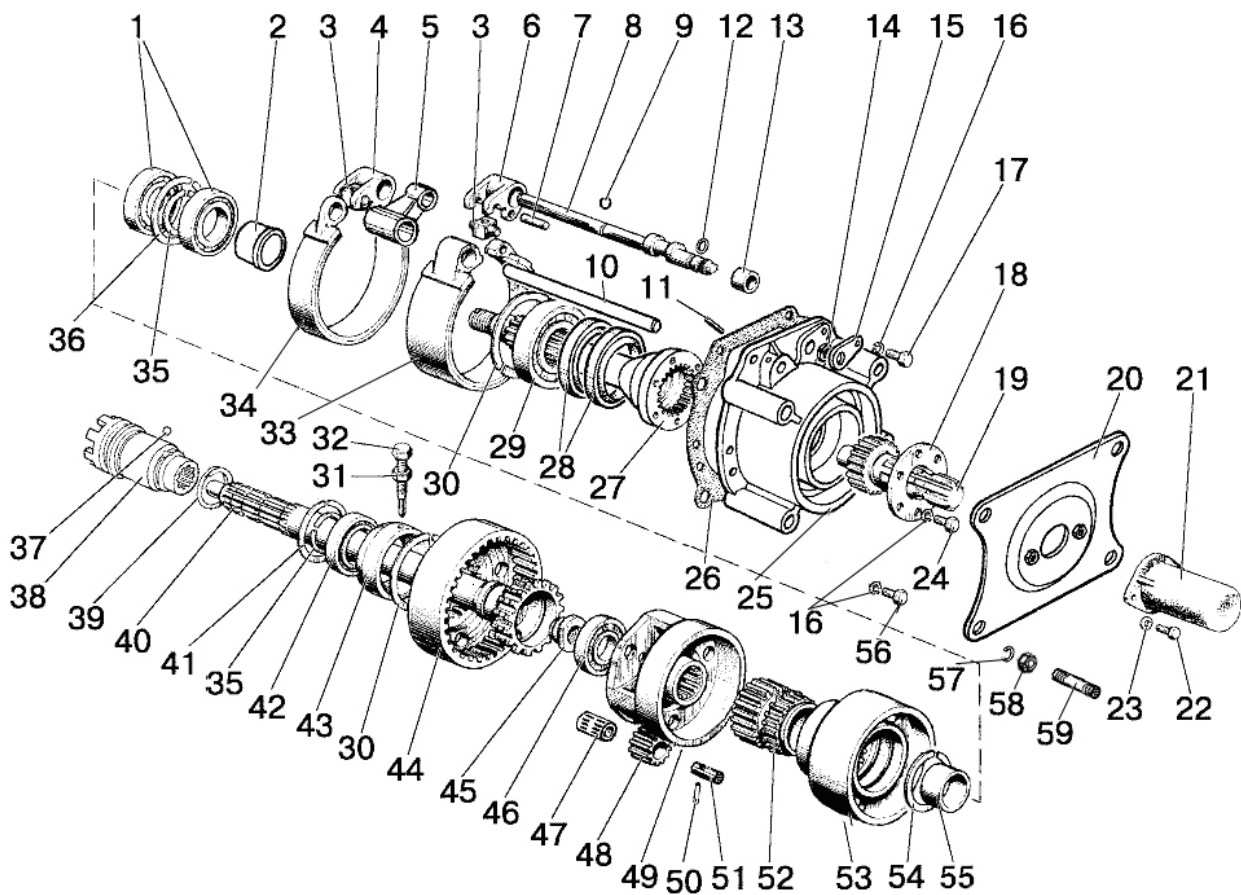


Fig.42.2. Rear power take-off shaft

Group 42. Power take-off shaft
Subgroup 4202. Rear power take-off shaft

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
42.2	46	208A ГОСТ 8338-75	1	Bearing
	47	KK20x26x34E ГОСТ 24310-80	3	Bearing
	48	70-4202024	3	Pinion
	49	85-4202065	1	Carrier
	50	70-4202431	3	Pin
	51	70-4202026	3	Pinion shaft
	52	70-4202032	1	Sun gear
	53	85-4202033	1	Drum
	54	2C68 ГОСТ 13940-86	1	Ring
	55	70-4202077	1	Bush
	56	M10-6gx50.88.35.019 ГОСТ 7795-70	5	Bolt
	57	16 OT OCT 37.001.115-75	4	Washer
	58	M16x1,5-6H.6.019 ГОСТ 5915-70	4	Nut
	59	1221-4202028	4	Pin

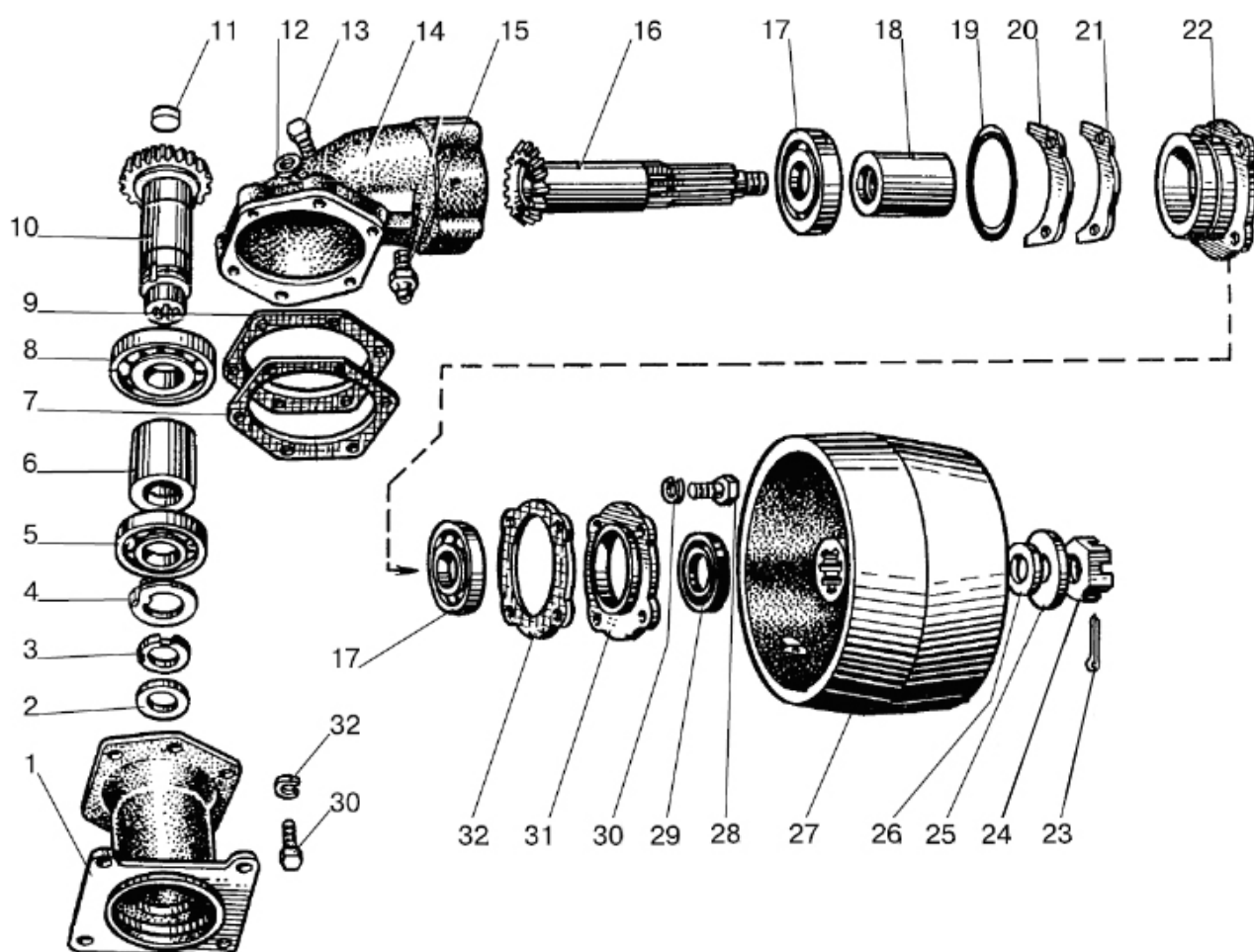


Fig.42.3. Driving pulley

**Group 42. Power take-off shaft
Subgroup 4211. Driving pulley**

Fig. No.	Pos. No.	Designation	Q-ty	Description
42.3		40-4211010-01	1	Driving pulley to be mounted on the eight-spline PTO shank (1-34)
		40-4211035	1	Casing (12-22, 30-34)
		40-4211040	1	Driving shaft with 8 splines (3-6, 8, 10, 11)
		40-4211050	1	Hose pipe with 8 splines (1-6, 8, 10, 11)
		40-4211065	1	Shaft (16-13, 22)
	1	40-4211052	1	Hose pipe
	2	КФА-50x70	1	Cuff 50x70
	3	40-4211043	1	Nut
	4	36-1701061	1	Washer
	5	211 АУШ1 ГОСТ 8338-75	1	Bearing
	6	40-4211047	1	Bush
	7	40-4211079	1	Gasket
	8	311А ГОСТ 8338-75	1	Bearing
	9	40-4211081	1	Gasket
	10	40-4211045	1	Shaft with eight-spline socket
	11	40-4211082	1	Choke
	12	ПК КГ 3/8"	1	Plug
	13	ПК КГ 3/4"	2	Plug
	14	40-4211037	1	Casing
	15	СУ-1/8"-А	1	Breather
	16	40-4211071	1	Shaft-gear
	17	408 ГОСТ 8338-75	2	Bearing
	18	40-4211072	1	Spacing bush
	19	120-125-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	20	36-4211054-Б	6	Gasket (0.5 mm)
	21	36-4211055	8	Gasket (0.2 mm)
	22	36-4211048	1	Cage
	23	4x36.019 ГОСТ 397-79	1	Cotter pin
	24	M20x1,5-6H.04.019 ГОСТ 15522-70	1	Nut
	25	40-3502084	1	Washer
	26	40-3502083	1	Gasket
	27	40-4211075	1	Pulley assembly
	28	M12-6gx40.88.35.019 ГОСТ 7796-70	6	Bolt
	29	2.2-65x90-1 ГОСТ 8752-79/ ОСТ 38 05146-78	1	Cuff
	30	12 ОТ ОСТ 37.001.115-75	10	Washer
	31	36-4211073	1	Socket
	32	36-4211057	1	Gasket

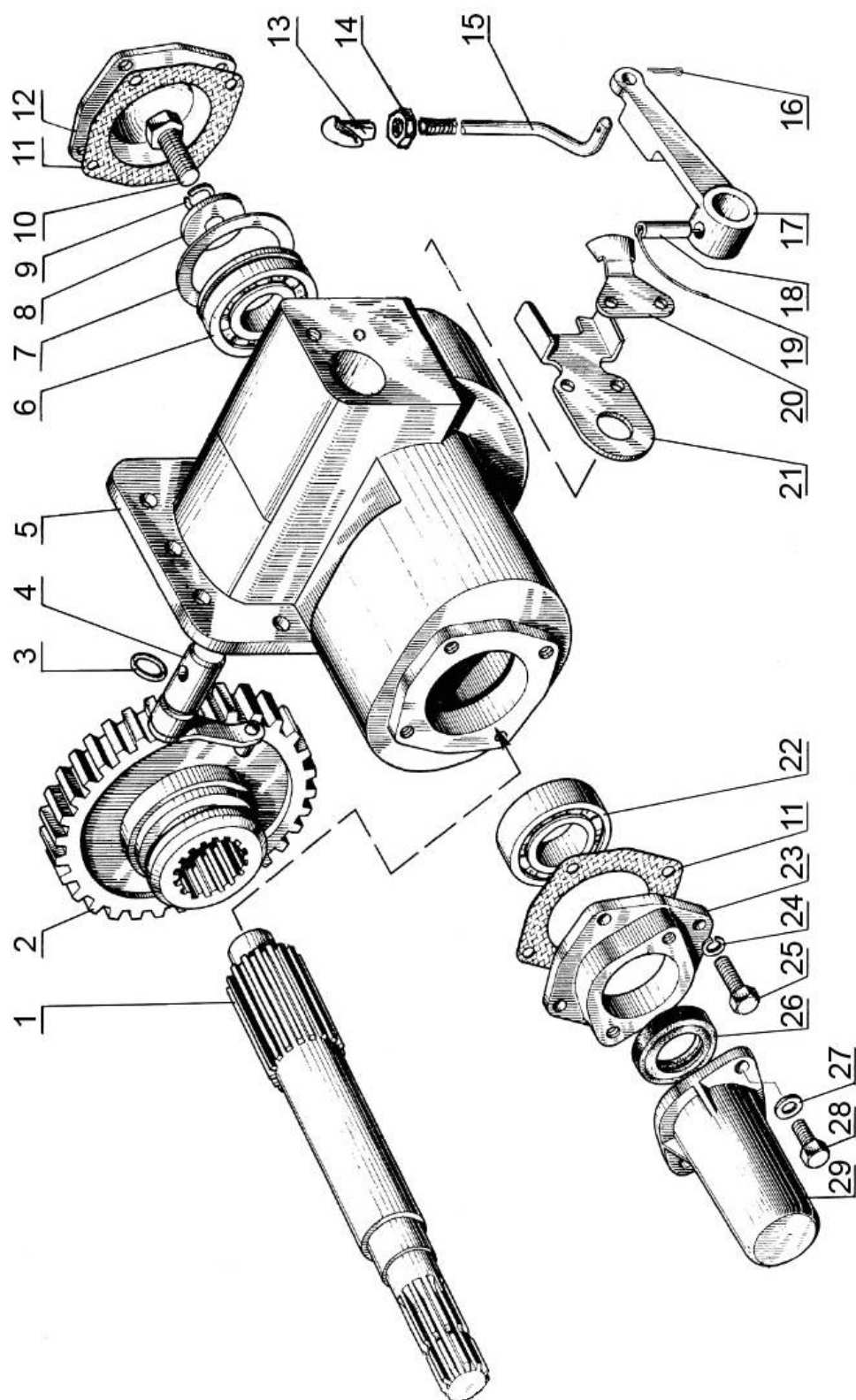


Fig.42.4. Side power take-off shaft

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
42.4		50-4204010	1	Side power take-off shaft with 8-spline shank (1-28)
	1	50-4204022	1	Side shaft with 8-spline shank
	2	Φ50-4204026	1	Gear (Z=37)
	3	020-025-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	4	50-4204040-A	1	Roller
	5	50-4204015-Б	1	Casing
	6	208A ГОСТ 8338-75	1	Bearing
	7	72 ГОСТ 2893-82	1	Ring
	8	50-1601038	1	Washer
	9	12 OT OCT 37.001.115-75	1	Washer
	10	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	11	50-1601091	2	Gasket
	12	50-1601089	1	Cover
	13	50-1310136-A	1	Handle
	14	M8-6H.6.019 ГОСТ 5915-70	1	Nut
	15	80-4204042	1	Rod
	16	3,2x18.019 ГОСТ 397-79	1	Cotter pin
	17	50-4204034	1	Control lever
	18	A.10x40.65Г Chemical phosphate oil-impregnated coating ГОСТ 14229-93	1	Pin
	19	1,6-O-C ГОСТ 3282-74	1	Wire (L=200 mm)
	20	50-4204036-Б	1	Plate
	21	50-4204038	1	Plate
	22	6-50306K GOST8338-75/2893-82	1	Bearing
	23	50-4204024	1	Cover
	24	8T OCT 37.001.115-75	10	Washer
	25	M8-6gx25.88.35.019 ГОСТ 7796-70	4	Bolt
	26	2.2-38x58-1 ГОСТ 8752-79/ OCT 3805146-78	1	Cuff
	27	C 8.01.019 ГОСТ 11371-78	2	Washer
	28	M8-6gx16.88.35.019 ГОСТ 7796-70	8	Bolt
	29	50-4202065-A	1	Cap

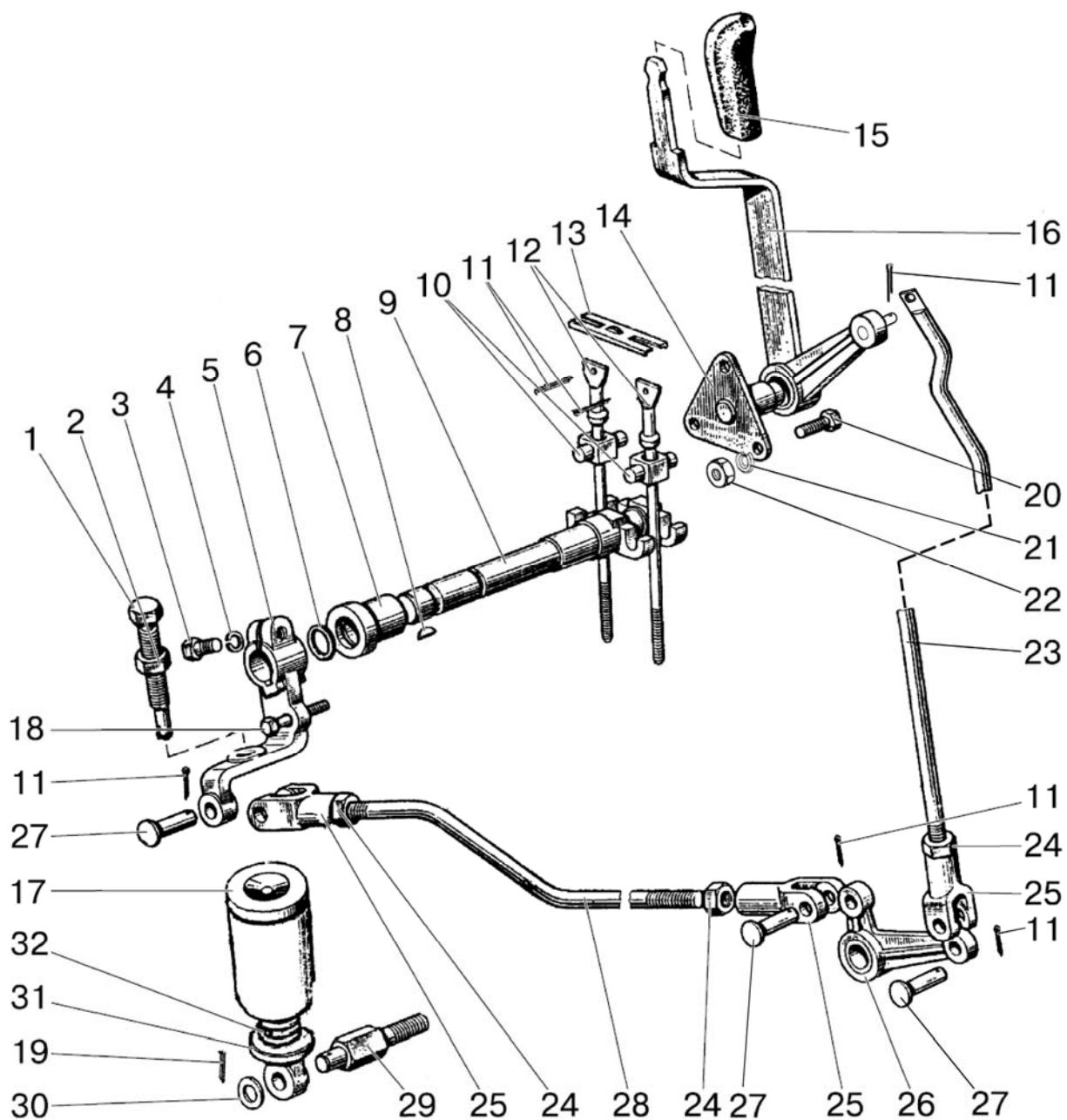


Fig.42.5. Rear power take-off shaft control

**Group 42. Power take-off shaft
Subgroup 4216. Rear power take-off shaft control**

Fig. No.	Pos. No.	Designation	Q-ty	Description
42.5		80B-4216010	1	Rear PTO control
		80-4216060	1	Lever rod (24, 25, 28)
		50-4216070-B	1	Control roller (9, 10)
		80B-4216095-A	1	Rod (23-25)
	1	70-4216023-A	1	Bolt
	2	M16-6H.6.019 ГОСТ 5915-70	1	Nut
	3	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	4	12 OT OCT 37.001.115-75	1	Washer
	5	50-4216022-A	1	Lever
	6	025-030-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	7	50-4216024	1	Control roller bush
	8	СШ-611	1	Key 6x11
	9	50-4216018	1	Control roller
	10	50-4216034	2	Screw axis
	11	3,2x18.019 ГОСТ 397-79	6	Cotter pin
	12	70-4216028	2	Screw
	13	80-4216039	1	Stop
	14	80B-4216105	1	Bracket
	15	A13.17.000-01	1	Handle
	16	85-4216100-B	1	Lever
	17	70-4216015	1	Cover
	18	M10-6gx60.88.35.019 ГОСТ 7795-70	1	Bolt (auxiliary)
	19	4x36.019 ГОСТ 397-79	1	Cotter pin
	20	M8-6gx16.88.35.019 ГОСТ 7796-70	3	Bolt
	21	8T OCT 37.001.115-75	3	Washer
	22	M8-6H.6.019 ГОСТ 5915-70	3	Nut
	23	80-4216091A	1	Rod
	24	M12x1,25-6H.6.019 ГОСТ 5915-70	3	Nut
	25	50-3502203	3	Fork
	26	80-4216050	1	Hub
	27	12x32 OCT 37.001.163-75	3	Pin
	28	80-4216043	1	Rod
	29	70-4216048-B	1	Bolt
	30	16 OT OCT 37.001.115-75	1	Washer
	31	70-4216013	1	Eye
	32	70-4216011	1	Spring

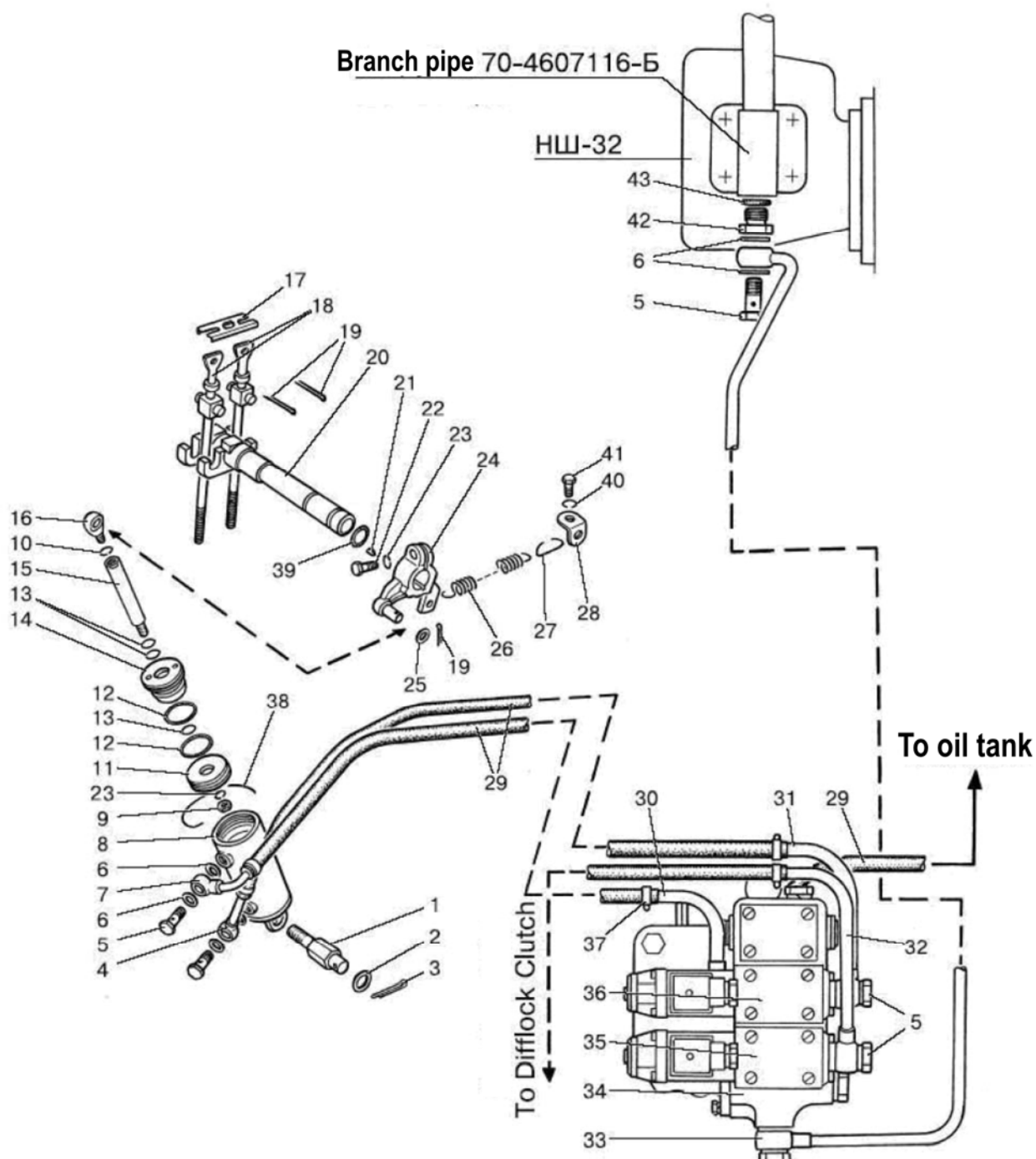


Fig.42.6. Rear power take-off shaft control (for tractors with hydraulic lift and lift hitch mechanism)

**Group 42. Power take-off shaft
Subgroup 4216. Rear power take-off shaft control**

Fig. No.	Pos. No.	Designation	Q-ty	Description
42.6		920-4803150	1	Hydraulic drive of the differential lock clutch and PTO
		80-4216100	1	Cylinder (8-16)
	1	821-4216048	1	Bolt
	2	C 16.01.019 ГОСТ 11371-78	1	Washer
	3	4x36.019 ГОСТ 397-79	1	Cotter pin
	4	85-4216125	1	Oil pipeline
	5	Д18-051	8	Bolt
	6	Д18-055-A	16	Seal ring
	7	85-4216130	1	Oil pipeline
	8	80-4216115	1	Casing
	9	M12-6H.6.019 ГОСТ 5915-70	1	Nut
	10	10 OT OCT 37.001.115-75	1	Washer
	11	80-4216118	1	Piston
	12	045-050-30-2-2 ГОСТ 18829-73/9833-73	2	Ring
	13	15.54x2.62 DBS/AS MS 29513 ГОСТ 18829-73/9833-73	3	Ring
	14	80-4216116	1	Front cover
	15	80-4216119	1	Rod
	16	80-4216121	1	Tip
	17	80-4216039	1	Stop
	18	70-4216028	2	Screw
	19	3,2x18.019 ГОСТ 397-79	3	Cotter pin
	20	50-4216070-B	1	Roller
	21	СШ-611	1	Key 6x11
	22	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	23	12 OT OCT 37.001.115-75	2	Washer
	24	821-4216020	1	Lever
	25	C 12.01.019 ГОСТ 11371-78	1	Washer
	26	50-1605152	1	Spring
	27	70-3514094	1	Hook
	28	80-1602116	1	Eye
	29	1221-2412026	4	Hose pipe
	30	822-4801190	1	Oil pipeline (PTO)
	31	822-4801195	2	Oil pipeline (PTO)
	32	923-4803165	1	Oil pipeline (differential lock clutch)
	33	920-4803155	1	Oil pressure line
	34	822-4801180-B-01	1	Hydraulic drive plate
	35	РГ822-6/1.2 CE.B.574A.Г12.О1	1	Hydraulic distributor (differential lock clutch)
	36	РГ822-6/1.2 CE.B.574A.Г12.О1	1	Hydraulic distributor (PTO)
	37	"NORMA" TORRO 12-20/9-C6W	8	Clamp
	38	80-4216117	1	Pin
	39	025-030-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	40	8T OCT 37.001.115-75	1	Washer
	41	M8-6gx40.88.35.019 ГОСТ 7795-70	1	Bolt
	42	1021-4803158	1	Adapter
	43	017-022-30-1-4 ГОСТ 18829-73/9833-73	1	Ring

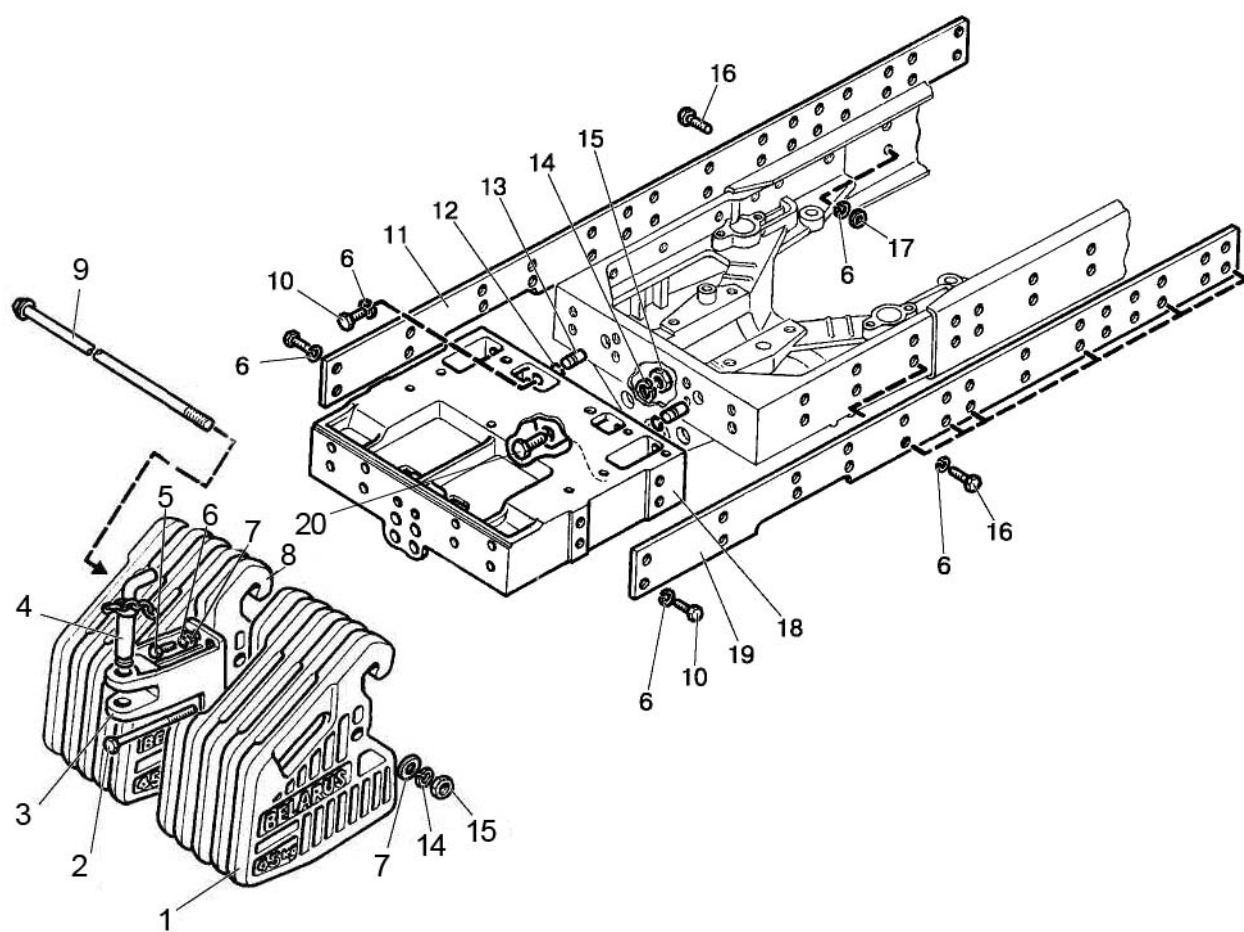


Fig.42.7. Ballast

BELARUS**900/920/950/952****Group 42. Power take-off shaft****Subgroup 4235. Ballast**

Fig. No.	Pos. No.	Designation	Q-ty	Description
42.7	1	80-4235011-A	8	Weight
	2	1025-4235012	2	Bolt
	3	85-4235025-B	1	Lug
	4	70-4235030	1	Pin assembly
	5	M16-6gx45.88.35.019 ГОСТ 7796-70	2	Bolt
	6	16 OT OCT 37.001.115-75	46	Washer
	7	C 16.01.019 ГОСТ 11371-78	2	Washer
	8	1521-4235011-A	2	Weight
	9	1025-4235015-01	1	String
	10	M16-6gx32.88.35.019 ГОСТ 7796-70	24	Bolt
	11	822-4235028	1	Strip
	12	54.38.619	2	Locking ring
	13	50-4605027	2	Pin
	14	20 OT OCT 37.001.115-75	2	Washer
	15	M20-6H.6.019 ГОСТ 5915-70	2	Nut
	16	M16-6gx40.88.35.019 ГОСТ 7796-70	20	Bolt
	17	M16-6H.6.019 ГОСТ 5915-70	11	Nut
	18	923-4235016	1	Bracket
	19	822-4235028-01	1	Strip
	20	70-4605036	2	Bolt

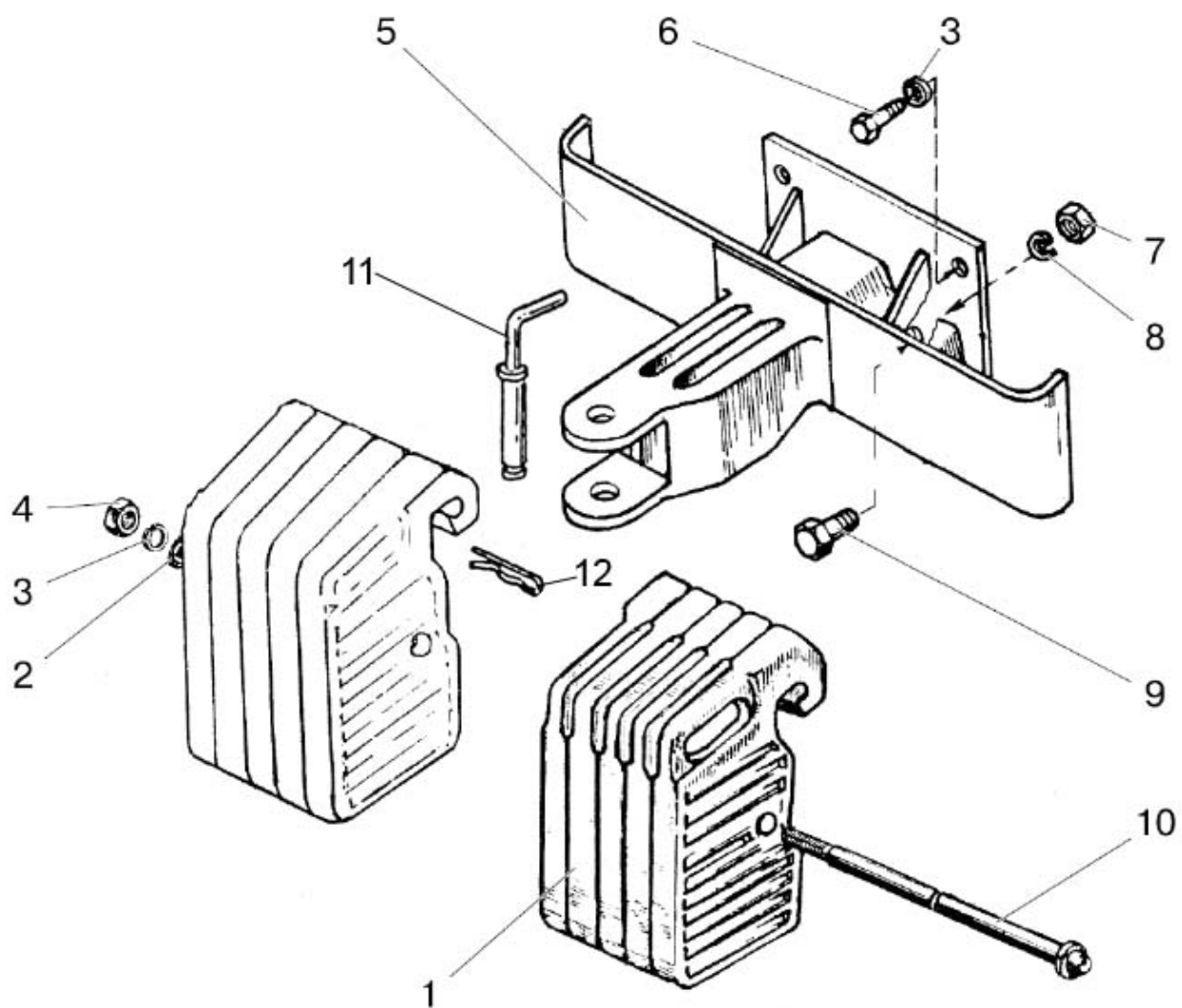


Fig.42.8. Front ballast

Group 42. Power take-off shaft**Subgroup 4235. Front ballast**

Fig. No.	Pos. No.	Designation	Q-ty	Description
42.8	1	70-4235011	10	Weight
	2	C16.01.019 ГОСТ 6958-78	1	Washer
	3	16 OT OCT 37.001.115-75	3	Washer
	4	M16-6H.6.019 ГОСТ 5915-70	1	Nut
	5	70-4235020	1	Bracket
	6	M16-6gx32.88.019 ГОСТ 7796-70	2	Bolt
	7	M20-6H.6.019 ГОСТ 5915-70	2	Nut
	8	20 OT OCT 37.001.115-75	2	Washer
	9	70-4605036	2	Bolt
	10	80-4235015	1	String
	11	50-4605079-Б	1	Pin assembly
	12	A61.07.001	1	Cotter pin

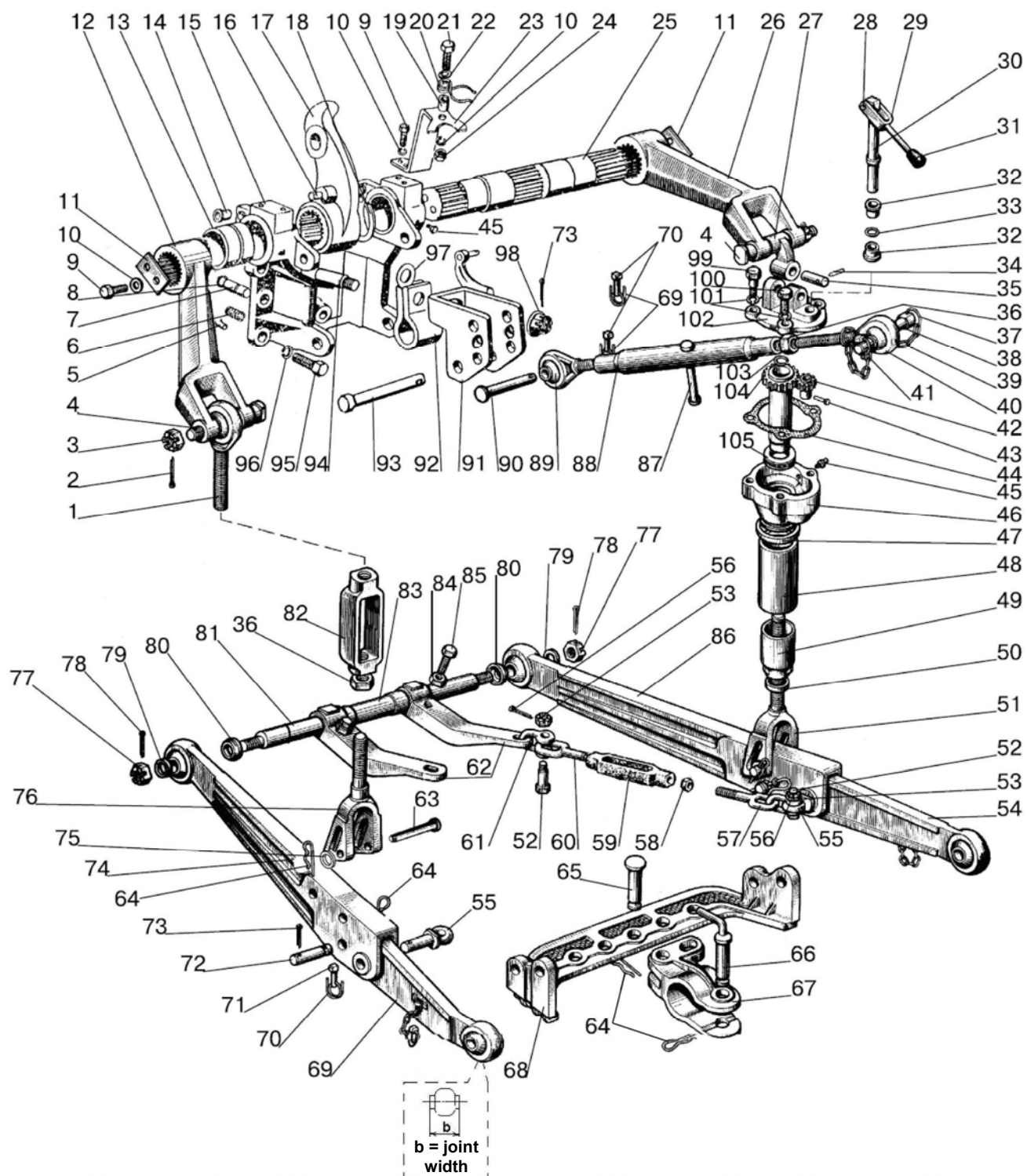


Fig. 46.1. Rear mounted attachment

**Group 46. Hydraulic system
Subgroup 4605. Rear mounted attachment
(For tractors with power governor)**

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.1		P70-4605010	1	Rear mounted attachment (1-105)
		50-4605012	2	Brace (1, 36, 76, 82)
		80-4605150-02	1	Brace (28-33, 42-51, 99-105) L=475 mm
		A61.05.100-01	1	Locking pin (39, 41)
		A61.03.000	1	Upper rod (36-41, 87-89)
		A61.03.200	1	Screw (37-41, pin A61.03.001-02 Ø22)
		A61.03.200-01	1	Screw (37-41, pin A61.03.001-01 Ø25)
		A61.04.000	2	Brace (57-60)
		70-4605340	1	Lever (16, 17)
		80-4605025	1	Cross-bar (64-68)
		50-4605030-A3	1	Right rod (54, 55, 64, 70-73, 86)
		50-4605035-A3	1	Left rod (55, 64, 69, 70-74)
		50-4605105-A	1	Trailer pin assembly (64, 66)
		50-4605115	2	Brace (52-53, 56-62, 84, 85)
	1	A61.02.100	1	Screw
	2	4x36.019 ГОСТ 397-79	1	Cotter pin
	3	70-3003032	2	Nut M18x1,5-6H.6.019
	4	50-4605076	2	Pin
	5	70-4605317	2	Restraint
	6	21A-1601150	4	Spring
	7	50-4605027	2	Pin
	8	54.38.619	2	Ring
	9	M12-6gx25.88.35.019 ГОСТ 7796-70	6	Bolt
	10	12 OT OCT 37.001.115-75	7	Washer
	11	40-4605023-A2	2	Washer
	12	80-4605021	1	Lever
	13	70-4605032	2	Bush
	14	70-4605308-Б	2	Bush
	15	70-4605016-Б	1	Bracket
	16	70-4605313	1	Pin
	17	70-4605024-A	1	Pivot lever
	18	2C65 ГОСТ 13940-86	1	Ring
	19	50-4605069	1	Bush
	20	A61.07.002	1	Spring
	21	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	22	C 12.01.019 ГОСТ 11371-78	1	Washer
	23	70-4605240-A	1	Bracket
	24	M12-6H.6.019 ГОСТ 5915-70	1	Nut
	25	70-4605023	1	Pivoting shaft
	26	80-4605022	1	Lever
	27	70-4605168	1	Shackle
	28	A61.01.016-Б	1	Shaft
	29	A61.01.400	1	Fork
	30	A61.01.600	1	Shaft
	31	A61.01.014	1	Handle
	32	A61.01.017	2	Bush
	33	016-021-30-2-4 ГОСТ 18829-73/9833-73	1	Ring
	34	A.8x45.65Г ГОСТ 14229-93	1	Pin
	35	A61.01.004	1	Pin
	36	A61.02.003	1	Locknut
	37	A61.03.002	2	Ring
	38	A61.03.001-01	1	Pin Ø 25
		A61.03.001-02	1	Pin Ø 22 (optional)
	39	A61.08.001-01	1	Chain (9 links)

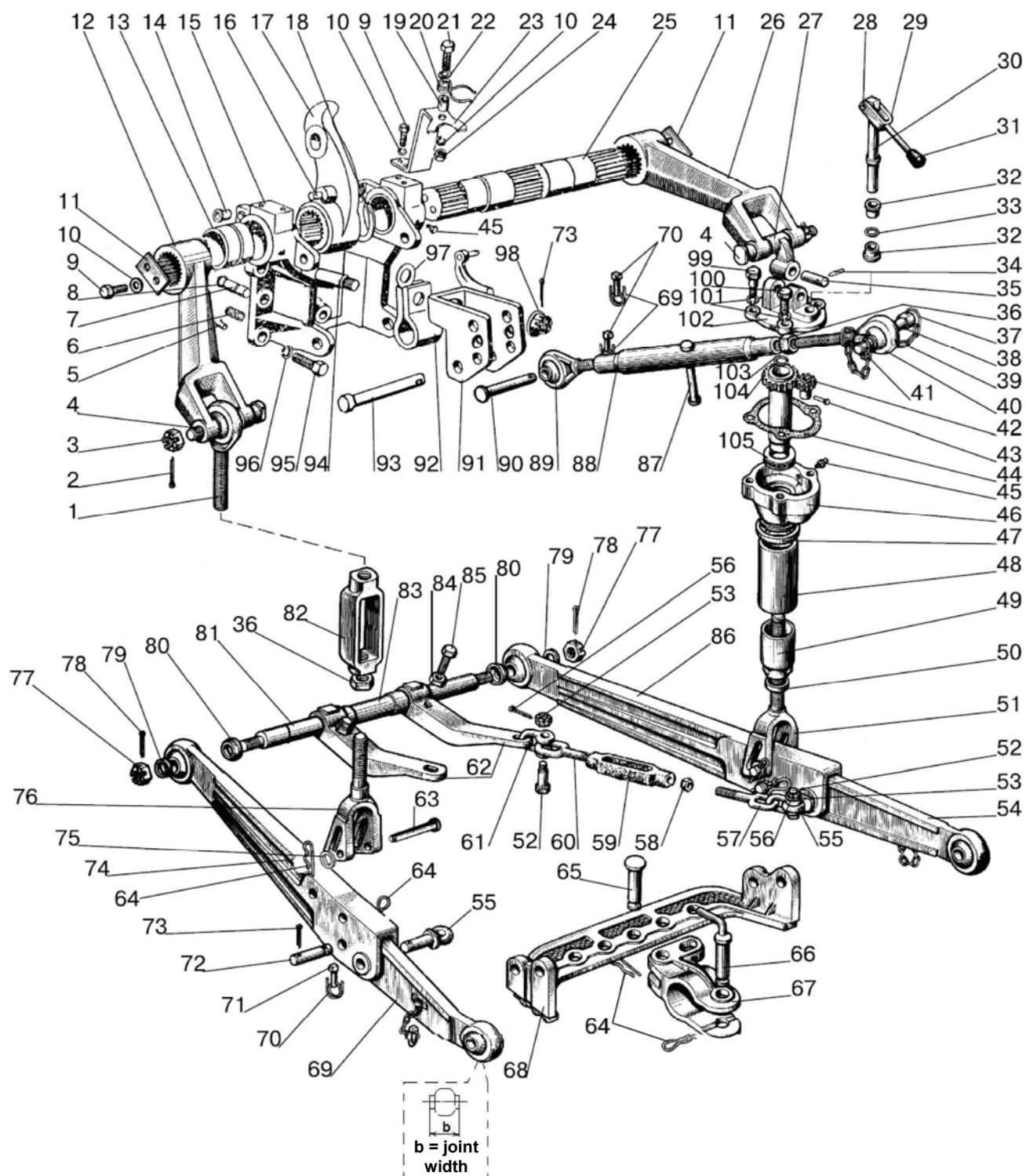


Fig. 46.1. Rear mounted attachment

Group 46. Hydraulic system
Subgroup 4605. Rear mounted attachment
(For tractors with power governor)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.1	40	A61.02.100-04	1	Screw (joint hole Ø 22.5)
		A61.02.100-05	1	Screw (joint hole Ø 25.7)
	41	A61.05.000	1	Locking pin with ring
	42	A61.01.001	1	Gear
	43	A61.01.005	1	Axle
	44	A61.01.003	1	Gasket
	45	1.3.Ц9.xp ГОСТ 19853-74	3	Greaser
	46	A61.01.104	1	Casing
	47	A61.01.013	1	Bush
	48	A61.01.008	1	Pipe
	49	A61.01.011	1	Cap
	50	A61.01.009	1	Restraint
	51	70-4605100	1	Fork
	52	50-4605086	4	Bolt
	53	M12-6H.04.019 ГОСТ 5919-73	4	Nut
	54	C50-4605040-A	1	Rod (b=45)
		80-4605040	1	Rod (b=38 optionally)
	55	70-4605048-A	2	Lug
	56	3,2x18.019 ГОСТ 397-79		Cotter pin
	57	A61.04.002-01	2	Screw (right thread)
	58	M18-6H.04.019 ГОСТ 5916-70	2	Nut
	59	A61.04.003	2	Brace
	60	A61.04.002	2	Screw (left thread)
	61	A61.09.002	4	Shackle
	62	50-4605033-B1	2	Bracket
	63	Φ50-4605084	2	Pin
	64	A61.07.001	4	Cotter pin
	65	A61.10.002	2	Pin
	66	50-4605079-B	1	Pin assembly
	67	A61.11.001	1	Fork
	68	80-4605046	1	Cross-bar
	69	C50-4605045-A	1	Rod (b=45)
		80-4605040-01	1	Rod (b=38 optionally)
	70	A61.05.004	4	Ring
	71	A61.05.005	4	Locking pin
	72	50-4605049-B	2	Pin
	73	5x36.019 ГОСТ 397-79	3	Cotter pin
	74	70-4605055	1	Rod
	75	C18.01.019 ГОСТ 11371-78	2	Washer
	76	50-4605100-B	1	Fork
	77	A04.02.020	2	Nut
	78	5x45.019 ГОСТ 397-79	2	Cotter pin
	79	70-4605047	2	Bush
	80	50-4605068-B1	2	Washer
	81	70-4605026	1	Shaft
	82	A61.02.001	1	Brace
	83	50-4605018-B	1	Bush
	84	M16-6H.6.019 ГОСТ 5915-70	2	Nut
	85	50-4605019	2	Bolt
	86	70-4605050	1	Rod
	87	A61.03.102	1	Handle
	88	A61.03.101	1	Pipe
	89	A61.02.100-03	1	Screw (left thread)

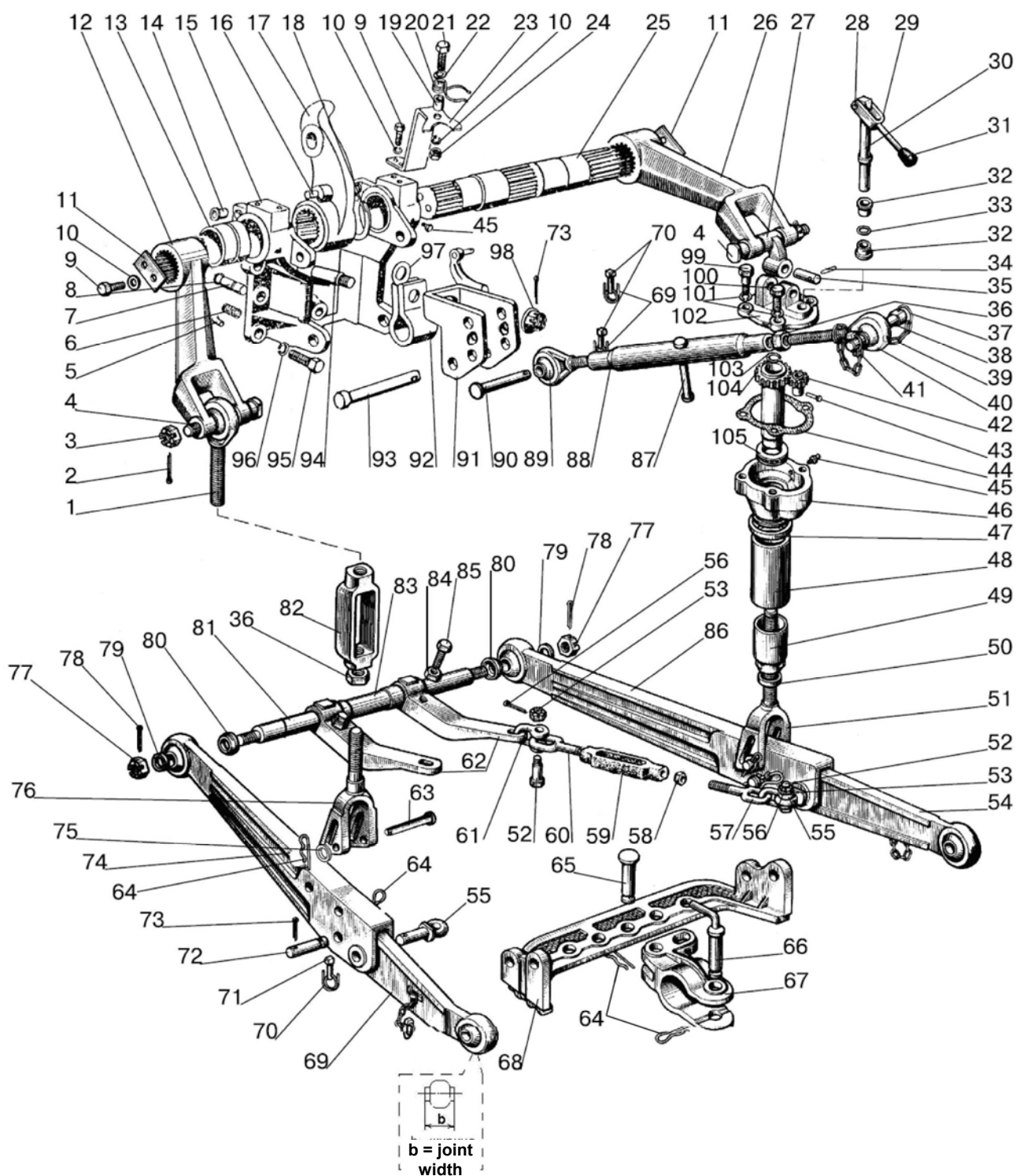


Fig. 46.1. Rear mounted attachment

Group 46. Hydraulic system
Subgroup 4605. Rear mounted attachment
(For tractors with power governor)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.1	90	A61.10.001-02	1	Pin
	91	70-4605330-B	1	Shackle
	92	70-4605302-B	1	Spring
	93	A61.10.001	1	Pin
	94	70-4605320	1	Bolt
	95	70-4605036	5	Bolt
	96	20 OT OCT 37.001.115-75	5	Washer
	97	70-4605304-B	1	Washer
	98	70-4605316	1	Nut
	99	A61.01.006	2	Bolt
	100	M14-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt
	101	14 OT OCT 37.001.115-75	4	Washer
	102	A61.01.204	1	Cover
	103	A61.01.012	1	Restraint
	104	A61.01.300	1	Pipe
	105	8109 ГОСТ 7872-89	1	Bearing

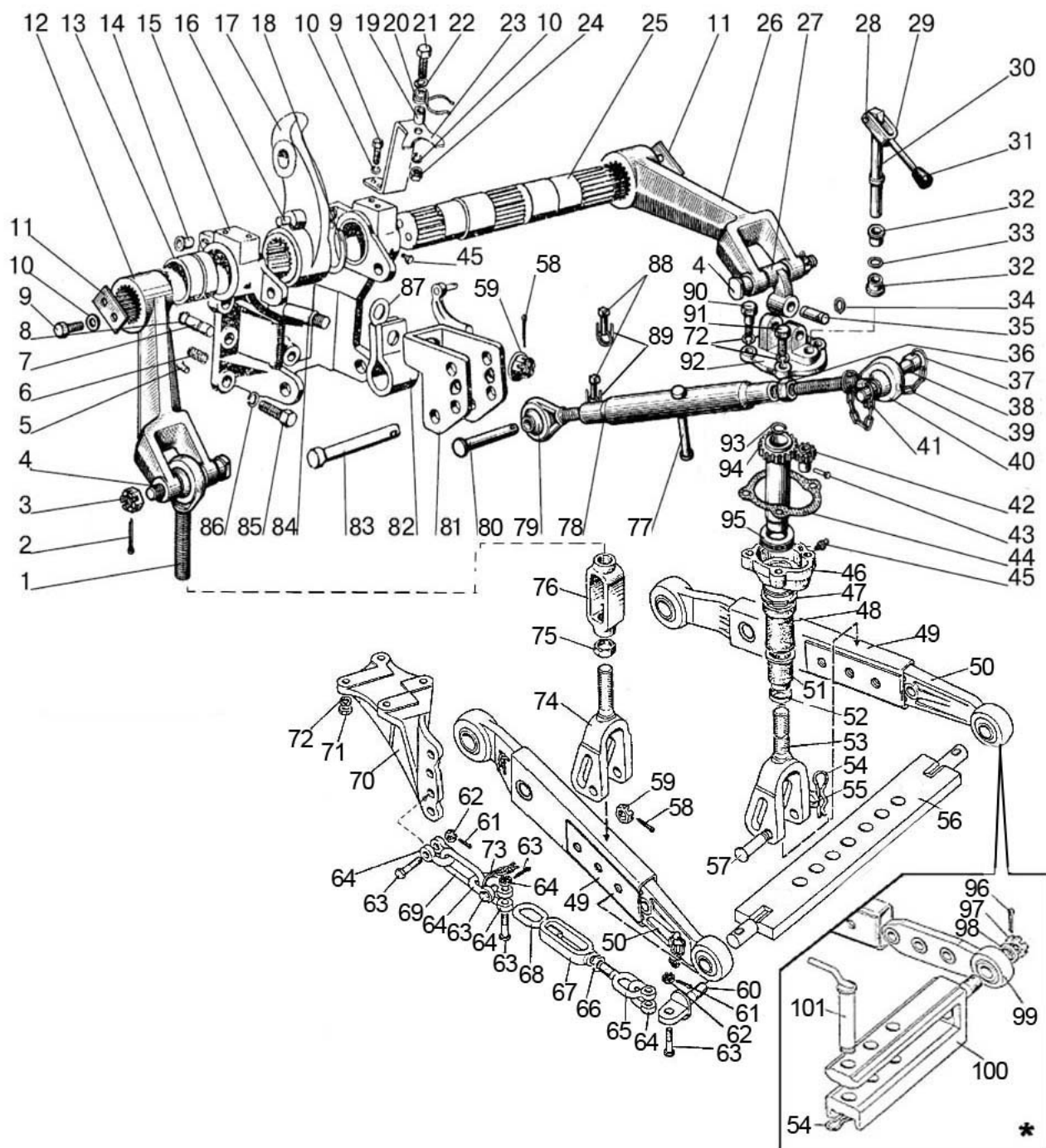


Fig. 46.2. Rear mounted attachment

**Group 46. Hydraulic system
Subgroup 4605. Rear mounted attachment
(For tractors with power governor)**

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.2		P80-4605010	1	Rear mounted attachment (1-101)
		1220-4605012	2	Brace (1,74-76)
		1220-4605030-01 b=38 1220-4605030-03 b=45	1	Rod (49,50,58-60)
		1220-4605030-02 b=38 1220-4605030-04 b=45	1	Rod with chain (49,50,58-60,73)
		1220-4605150	1	Brace (27-48,51-53,72,90-92) L=515 mm
		1220-4605580	2	Brace (65-68)
		70-4605145-01	1	Bracket (9,10,17-22)
		70-4605340	1	Lever (16,17)
		822-4605085	1	Cross-bar (54,96-101)
		A61.05.100-01	1	Locking pin (39, 41)
		A61.03.000	1	Upper rod (36-41, 77-79)
		A61.03.200	1	Screw (37-41, pin A61.03.001-02 Ø22)
		A61.03.200-01	1	Screw (37-41, pin A61.03.001-01 Ø25)
	1	1220-4605075	1	Screw
	2	4x36.019 ГОСТ 397-79	1	Cotter pin
	3	M20x1,5-6H.04.019 ГОСТ 5919-73	2	Nut
	4	142-4605076	2	Pin
	5	70-4605317	2	Restraint
	6	21A-1601150	4	Spring
	7	50-4605027	2	Pin
	8	54.38.619	2	Ring
	9	M12-6gx25.88.35.019 ГОСТ 7796-70	6	Bolt
	10	12 OT OCT 37.001.115-75	7	Washer
	11	40-4605023-A2	2	Washer
	12	80-4605021-01	1	Lever
	13	70-4605032	2	Bush
	14	70-4605308-B	2	Bush
	15	70-4605016-B	1	Bracket
	16	70-4605313	1	Pin
	17	70-4605024-A	1	Pivot lever
	18	2C65 ГОСТ 13940-86	1	Ring
	19	50-4605069	1	Bush
	20	A61.07.002	1	Spring
	21	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	22	C 12.01.019 ГОСТ 11371-78	1	Washer
	23	70-4605240-A	1	Bracket
	24	M12-6H.6.019 ГОСТ 5915-70	1	Nut
	25	70-4605023	1	Pivoting shaft
	26	80-4605022-01	1	Lever
	27	1220-4605168-B	1	Shackle
	28	A61.01.016-B	1	Axle
	29	A61.01.400	1	Fork
	30	A61.01.600	1	Shaft
	31	A61.01.014	1	Handle
	32	A61.01.017	2	Bush
	33	016-021-30-2-4 ГОСТ 18829-73/9833-73	1	Ring
	34	142-4605431	2	Ring
	35	142-4605404-B	1	Pin
	36	A61.02.003	1	Locknut
	37	A61.03.002	2	Ring
	38	A61.03.001-01	1	Pin Ø 25
		A61.03.001-02	1	Pin Ø 22 (optional)

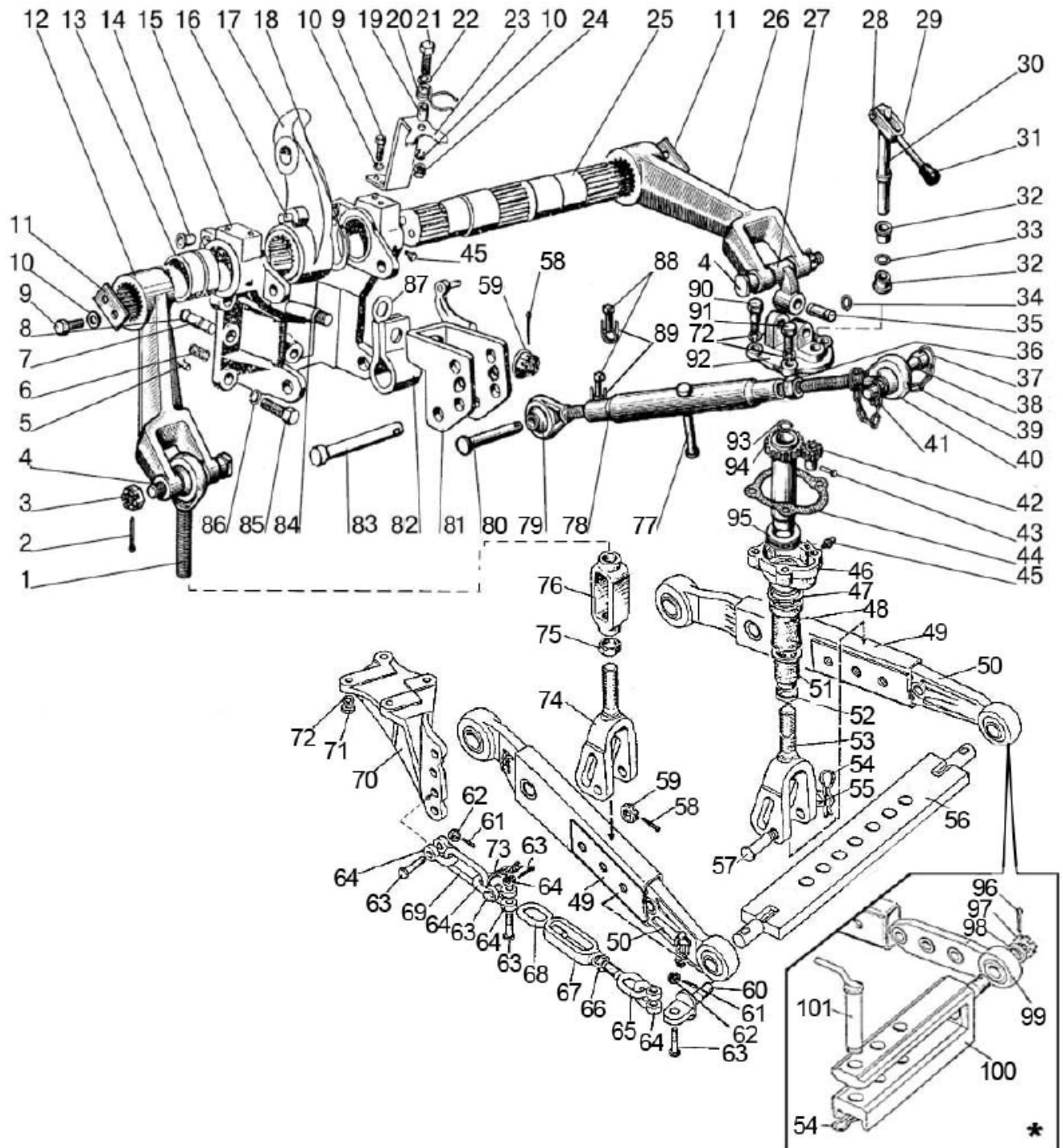


Fig. 46.2. Rear mounted attachment

Group 46. Hydraulic system
Subgroup 4605. Rear mounted attachment
(For tractors with power governor)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.2	39	A61.08.001-01	1	Chain (9 links)
	40	A61.02.100-04	1	Screw (joint hole Ø 22.5)
		A61.02.100-05	1	Screw (joint hole Ø 25.7)
	41	A61.05.000	1	Locking pin with ring
	42	142-4605413	1	Gear
	43	A61.01.005	1	Axle
	44	142-4605421	1	Gasket
	45	1.3.Ц9.xp ГОСТ 19853-74	3	Greaser
	46	142-4605415	1	Casing
	47	142-4605402	1	Bush
	48	142-4605407	1	Pipe
	49	1220-4605050 or 1220-4605050-01	2	Rod Rod (with chain)
	50	1220-4605040 or 1220-4605040-02	2	Rod (joint b=38 mm) Rod (joint b=45 mm)
	51	142-4605406	1	Cap
	52	142-4605401	1	Restraint
	53	1220-4605100	1	Fork
	54	A61.07.001	3	Cotter pin
	55	50-3503071	2	Washer
	56	1220-4605025	1	Cross-bar
	57	1220-4605084	2	Pin
	58	5x36.019 ГОСТ 397-79	2	Cotter pin
	59	70-4605316	2	Nut
	60	1220-4605108-01	2	Lug
	61	3,2x18.019 ГОСТ 397-79	8	Cotter pin
	62	M12-6H.04.019 ГОСТ 5919-73	8	Nut
	63	50-4605086	8	Bolt
	64	A61.09.002	8	Shackle
	65	1220-4605058	2	Screw (M20)
	66	M20-6H.6.019 ГОСТ 5915-70	2	Nut
	67	A61.04.003-01	2	Brace
	68	1220-4605058-01	2	Screw (M20 – left thread)
	69	40-4605098	2	Ring
	70	80-4605091 80-4605091-01	1	Right bracket Left bracket
	71	M16x1,5-6H.6.019 ГОСТ 5915-70	16	Nut
	72	16 OT OCT 37.001.115-75	12	Washer
	73	H50-4605060	1	Chain with ring
	74	1220-4605200	1	Fork
	75	142-4605424	1	Locknut
	76	142-4605422	1	Brace
	77	A61.03.102	1	Handle
	78	A61.03.101	1	Pipe
	79	A61.02.100-02	1	Screw (left thread)
	80	A61.10.001-02	1	Pin
	81	70-4605330-B	1	Shackle
	82	70-4605302-B	1	Spring
	83	A61.10.001	1	Pin
	84	70-4605320	1	Bolt
	85	70-4605036	5	Bolt
	86	20 OT OCT 37.001.115-75	5	Washer
	87	70-4605304-B	1	Washer
	88	A61.05.005	2	Locking pin
	89	A61.05.004	2	Ring

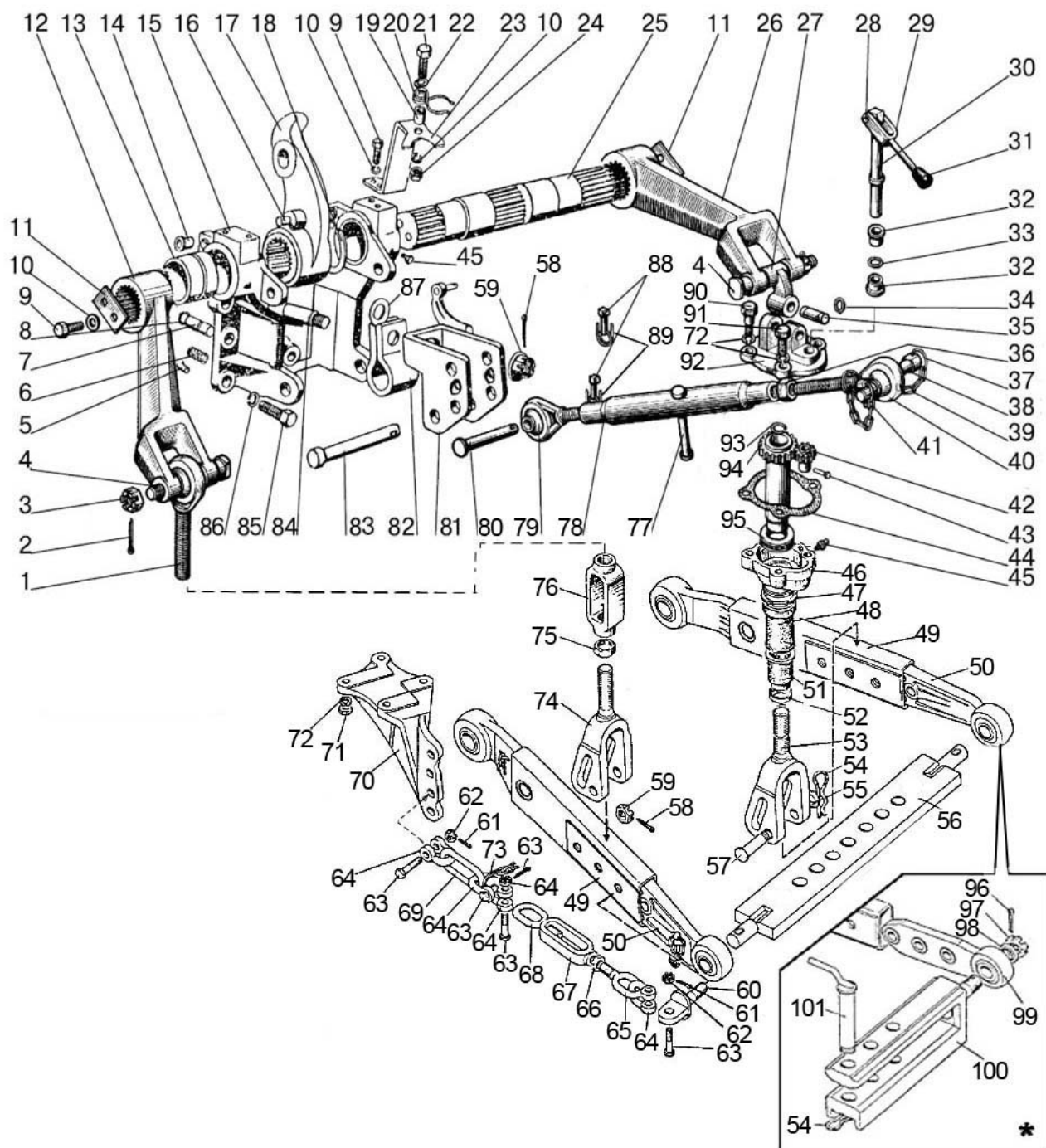


Fig. 46.2. Rear mounted attachment

BELARUS**900/920/950/952**

Group 46. Hydraulic system
Subgroup 4605. Rear mounted attachment
(For tractors with power governor)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.2	90	142-4605408	2	Bolt
		M16-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt
	92	142-4605418-Б	1	Cover
	93	142-4605403	1	Restraint
	94	142-4605425	1	Pipe
	95	8210 ГОСТ 7872-89	1	Bearing
	96	5x45.019 ГОСТ 397-79	2	Cotter pin
	97	A04.02.020	2	Nut
	98	80-4605068	2	Washer
	99	822-4605060	2	Tip
	100	822-4605065	1	Cross-bar
	101	822-4605070	1	Pin assembly

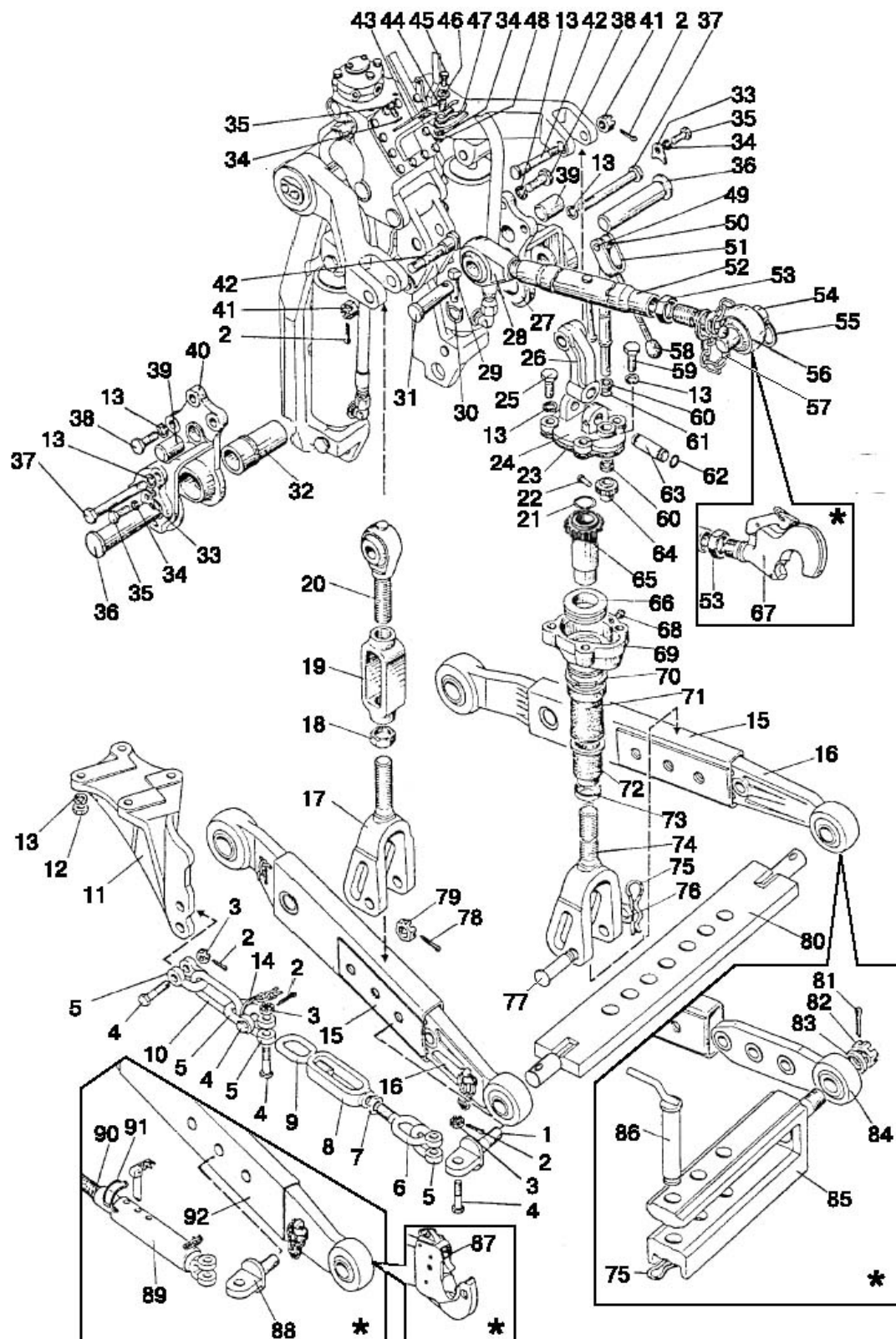


Fig.46.3. Rear mounted attachment (if the tractor is equipped with a hydraulic host)

Group 46. Hydraulic mounted system

Subgroup 4605. Rear mounted attachment (if the tractor is equipped with a hydraulic host)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.3		822-4605010	1	Mounted system (1-66,68-79)
		A61.03.000	1	Upper rod (28,52-57) Pin pos.54 Ø22 mm
		A61.03.000-01*	1	Upper rod (28,52-57) Pin pos.54 Ø25 mm
		80-4605690*	1	Upper rod (28,52-56,67)
		1220-4605150-B-01	1	Adjustable brace (13,21-26,49-51, 58-74)
		1220-4605610-01	1	Adjustable brace (for solid rod)
		1220-4605012-B	1	Brace (17-20)
		1220-4605612-01*	1	Screwed brace (for solid rod)
		1220-4605030-B-02	2	Rod (1,15,16,78,79) b=38 mm
		1220-4605030-B-04*	2	Rod (1,15,16,78,79) b=45 mm
		1220-4605580	2	Brace (6-9)
		822-4605085	1	Cross-bar (75,81-86)
		80-4605280	2	Telescopic drawbar (89-91)
	1	1220-4605108-01	2	Lug
	2	3,2x25.019 ГОСТ 397-79	8	Cotter pin
	3	M12-6H.04.019 ГОСТ 5919-73	8	Nut
	4	50-4605086	8	Bolt
	5	A61.09.002	8	Shackle
	6	1220-4605058	2	Screw
	7	M20-6H.04.019 ГОСТ 5916-70	2	Nut
	8	A61.04.003-01	2	Brace
	9	1220-4605058-01	2	Screw
	10	40-4605098	2	Ring
	11	80-4605091	1	Right bracket
		80-4605091-01	1	Left bracket
	12	M16x1,5-6H.6.019 ГОСТ 5915-70	8	Nut
	13	16 OT OCT 37.001.115-75	16	Washer
	14	H50-4605060	2	Chain with ring
	15	1220-4605050-B-01	2	Rod (with chain)
	16	1220-4605040	2	Rod (joint b=38 mm)
		1220-4605040-02*	2	Rod (joint b=45 mm)
	17	1220-4605200-B	1	Fork
		1220-4605620-B*	1	Fork (for solid rod)
	18	142-4605424	1	Locknut
	19	142-4605422	1	Brace
	20	1220-4605075	1	Screw
	21	142-4605403	1	Restraint
	22	A61.01.005	1	Axle
	23	142-4605421	1	Gasket
	24	142-4605418-B	1	Cover
	25	142-4605408	2	Bolt
	26	1220-4605668-B	1	Shackle
	27	1220-4605501	1	Right bracket
	28	A61.02.100-03	1	Screw
	29	A61.05.005	1	Locking pin
	30	A61.05.004	1	Ring
	31	A61.10.001-02	1	Pin
	32	1220-4605502	2	Bush
	33	1220-4605504	2	Plate
	34	12 OT OCT 37.001.115-75	4	Washer
	35	M12-6gx25.88.35.019 ГОСТ 7796-70	4	Bolt
	36	1220-4605503	2	Pin
	37	70-2800016-01	2	Bolt

* optionally

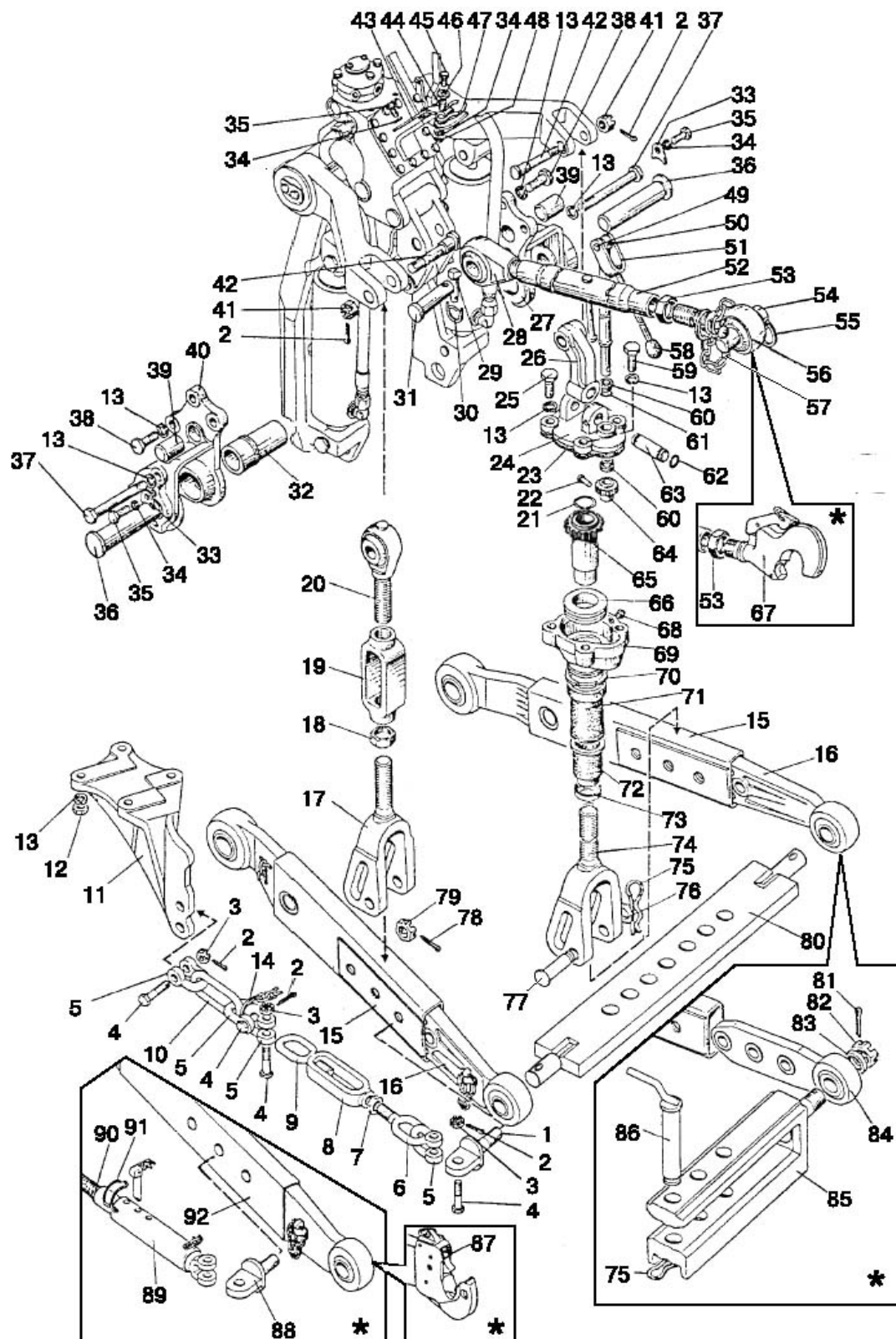


Fig.46.3. Rear mounted attachment (if the tractor is equipped with a hydraulic host)

Group 46. Hydraulic mounted system

Subgroup 4605. Rear mounted attachment (if the tractor is equipped with a hydraulic host)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.3	38	1220-4605506	6	Bolt
		1220-4605507	2	Pin
	40	1220-4605501-01	1	Left bracket
	41	M20x1,5-6H.04.019 ГОСТ 5919-73	2	Nut
	42	142-4605076	2	Pin
	43	1220-4605675	1	Bracket
	44	50-4605069	1	Bush
	45	M12-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	46	C 12.01.019 ГОСТ 11371-78	1	Washer
	47	A61.07.002	1	Spring
	48	M12-6H.6.019 ГОСТ 5915-70	1	Nut
	49	A61.01.016	1	Axle
	50	A.61.01.600	1	Shaft
	51	A61.01.400	1	Fork
	52	A61.03.100	1	Pipe
	53	A61.02.003	1	Locknut
	54	A61.03.001-02	1	Pin Ø22 mm
		A61.03.001-01*	1	Pin Ø25 mm
	55	A61.03.002	2	Ring
	56	A61.02.100-04	1	Screw with a hole in the joint Ø22 mm
		A61.02.100-05*	1	Screw with a hole in the joint Ø25 mm
	57	A61.05.100	1	Locking pin (9 links)
	58	A61.01.014	1	Handle
	59	M16-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt
	60	A61.01.017	2	Bush
	61	016-021-30-2-4 ГОСТ 18829-73/9833-73	1	Ring
	62	142-4605431	2	Ring
	63	142-4605404-B	1	Pin
	64	142-4605413	1	Gear
	65	142-4605425	1	Pipe
	66	8210 ГОСТ 7872-89	1	Bearing
	67	80-4605685*	1	Gripping device
	68	1.3.Ц9.xp ГОСТ 19853-74	1	Greaser
	69	142-4605415	1	Casing
	70	142-4605402	1	Bush
	71	142-4605407	1	Pipe
	72	142-4605406	1	Cap
	73	142-4605401	1	Restraint
	74	1220-4605100-B	1	Fork
		1220-4605615	1	Fork (for solid rod)
	75	A61.07.001	3	Cotter pin
	76	50-3503071	2	Washer
	77	1220-4605084	2	Pin L=130 mm
		1220-4605084-01	2	Pin L=100 mm (for solid rod)
	78	5x36.019 ГОСТ 397-79	2	Cotter pin
	79	70-4605316	2	Nut
	80	1220-4605025	1	Cross-bar
	81	5x45.019 ГОСТ 397-79*	2	Cotter pin
	82	A04.02.020*	2	Nut
	83	80-4605068*	2	Washer
	84	822-4605060*	2	Tip
	85	822-4605065*	1	Cross-bar
	86	822-4605070*	1	Pin assembly

* Optionally

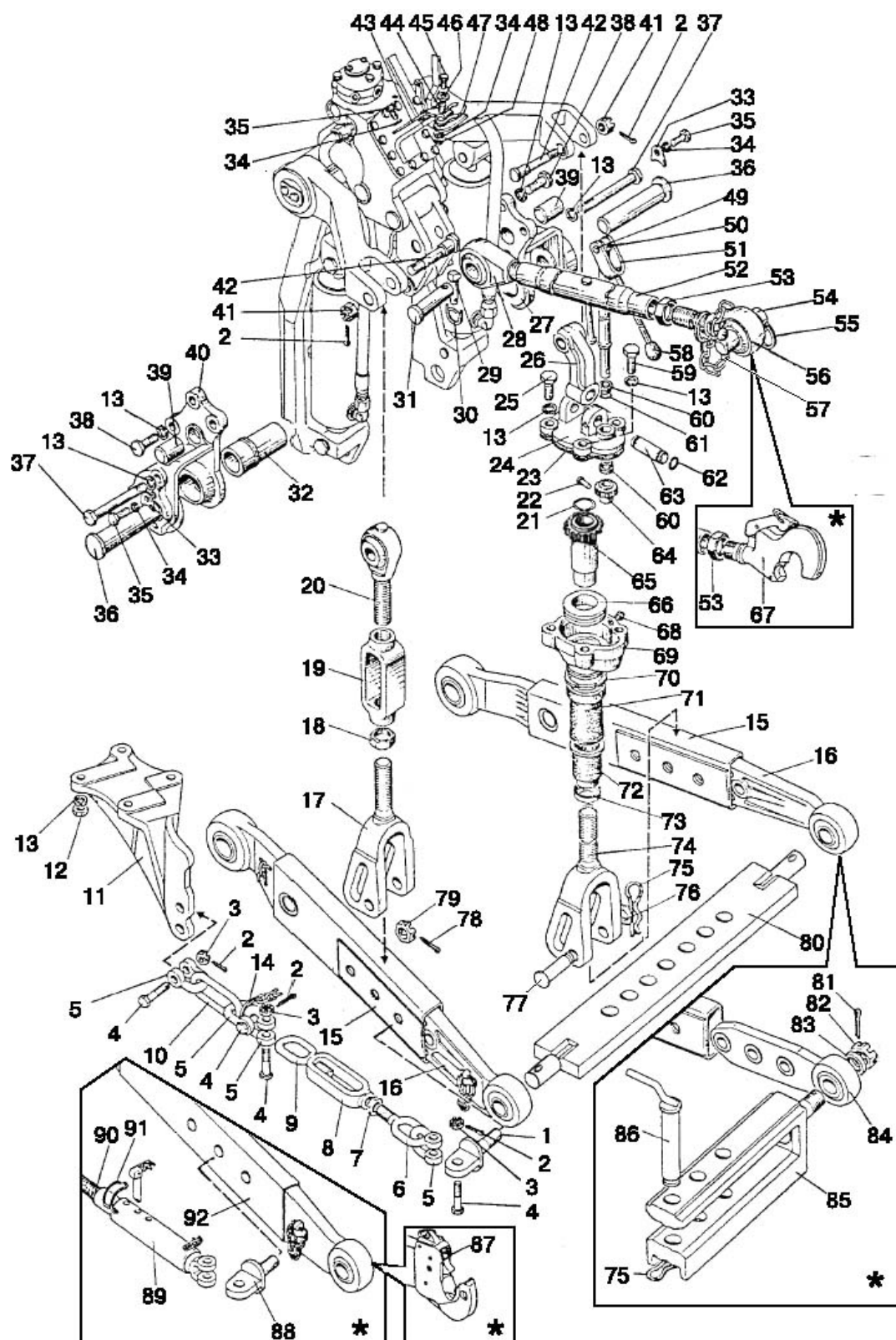


Fig.46.3. Rear mounted attachment (if the tractor is equipped with a hydraulic host)

Group 46. Hydraulic mounted system

Subgroup 4605. Rear mounted attachment (if the tractor is equipped with a hydraulic host)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.3	87	1220-4605630-04*	1	Right rod without chain
		1220-4605630-05*	1	Right rod with chain with gripping devices
		1220-4605635-04*	1	Left rod without chain
		1220-4605635-05*	1	Left rod with chain
	88	1220-4605108*	2	Lug
	89	80-4605285-Б*	2	Pipe
	90	80-4605284*	2	Screw
	91	80-4605292*	2	Latch
	92	1220-4605530-04*	2	Rod without chain b=38 mm
		1220-4605530-05*	2	Rod with chain b=38 mm
		1220-4605530-06*	2	Rod without chain b=45 mm
		1220-4605530-07*	2	Rod with chain b=45 mm

* Optionally

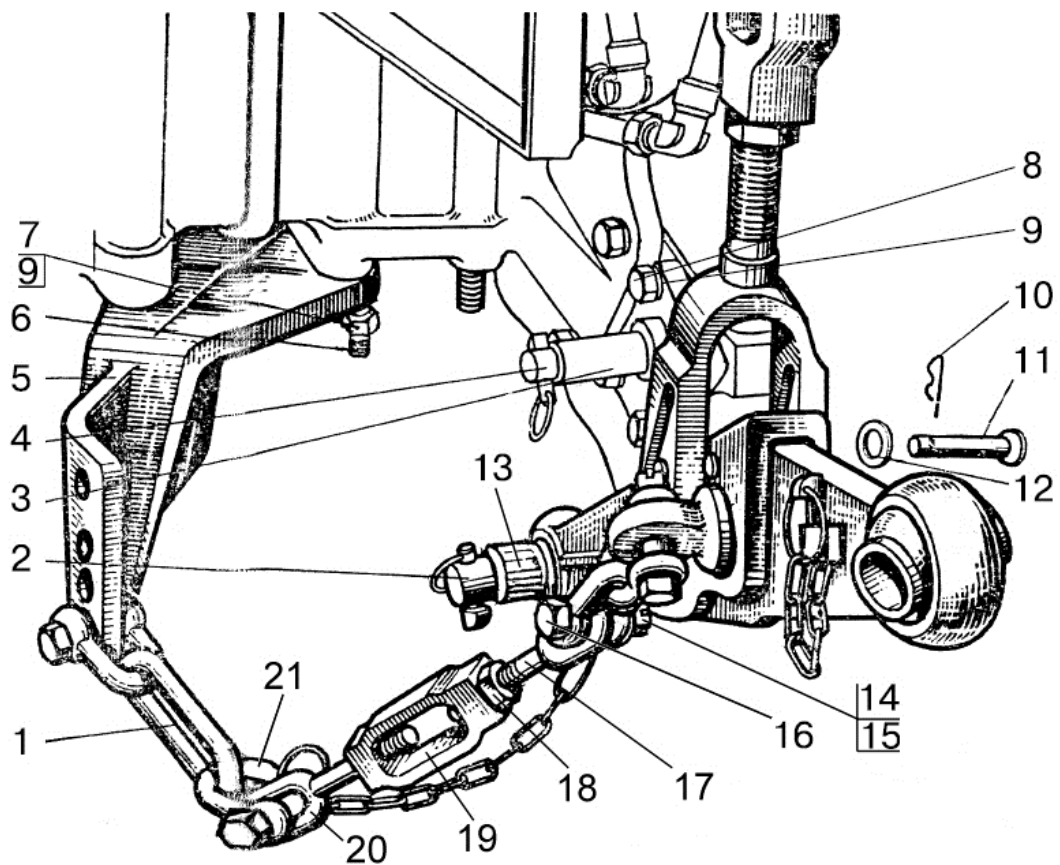


Fig. 46.4. External interlock of the lower rods

Group 46. Hydraulic mounted system
Subgroup 4605. External interlock of the lower rods

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.4		A61.04.000	2	Brace (17-20)
		40-4605098	2	Ring
	2	Φ50-4605026	1	Axle
	3	Φ50-4605097	2	Bush
	4	Φ50-4605020	2	Bracket
	5	80-4605091	1	Left bracket
		80-4605091-01	1	Right bracket
	6	50-4609082	8	Pin
	7	M16x1,5-6H.6.019 ГОСТ 5918-73	16	Nut
	8	M16-6gx40.88.35.019 ГОСТ 7796-70	8	Bolt
	9	16 OT OCT 37.001.115-75	16	Washer
	10	A61 07 001	2	Cotter pin
	11	Φ50-4605084	2	Pin
	12	C 18.01.019 ГОСТ 11371-78	4	Washer
	13	Φ50-4605047-A2	2	Bush
	14	3,2x18.019 ГОСТ 397-79	8	Cotter pin
	15	M12-6H.04.019 ГОСТ 5919-73	8	Nut
	16	50-4605086	8	Bolt
	17	A61.04.002	2	Screw
	18	M18-6H.04.019 ГОСТ 5916-70	2	Nut
	19	A61.04.003	2	Brace
	20	A61.04.002-01	2	Screw
	21	A61.09.002	8	Shackle

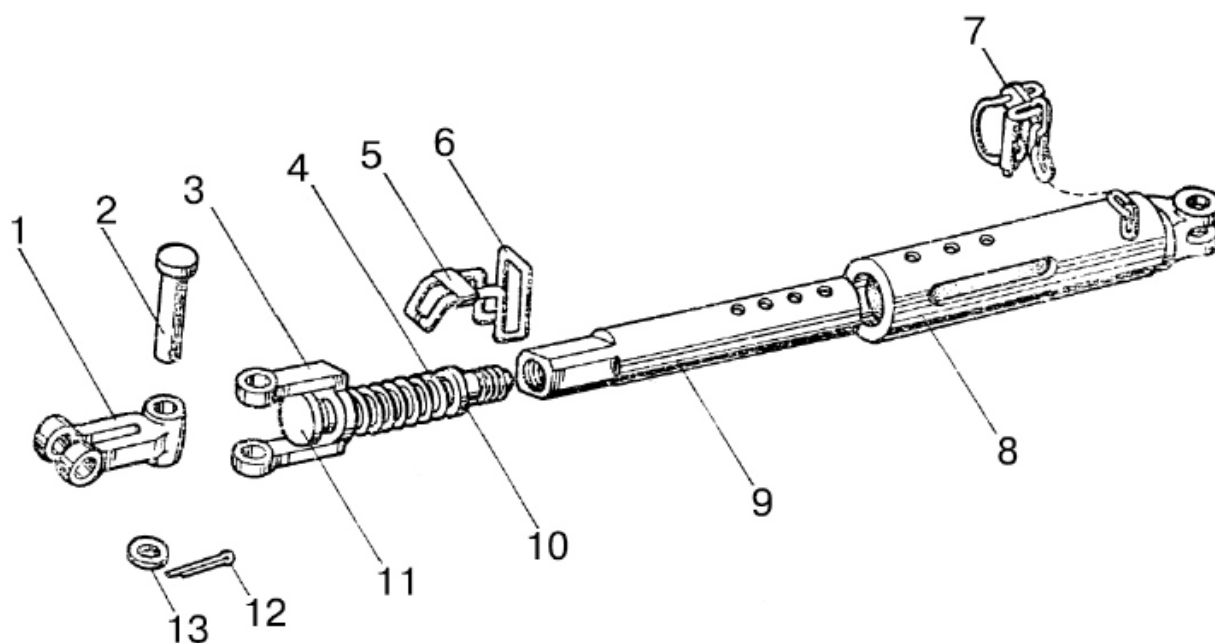


Fig. 46.5. Telescopic drawbar

BELARUS**900/920/950/952****Group 46. Hydraulic mounted system****Subgroup 4605. Telescopic drawbar**

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
46.5		80-4605280	2	Telescopic drawbar (1-13)
	1	80-4605281	2	Fork
	2	80-4605283 or 16x80 OCT 37.001.163-75	2	Axle (L=75 mm)
			2	Pin
	3	80-4605282	2	Shackle
	4	50-4609018	2	Spring
	5	80-4605293	2	Plate
	6	80-4605289	2	Handle
	7	80-4605290	2	Locking pin
	8	80-4605285-Б	2	Pipe
	9	80-4605288-Б	2	Slider
	10	C 12.01.019 ГОСТ 11371-78	2	Washer
	11	80-4605284	2	Screw
	12	3,2x25.019 ГОСТ 397-79	2	Cotter pin
	13	16 OT OCT 37.001.115-75	2	Washer

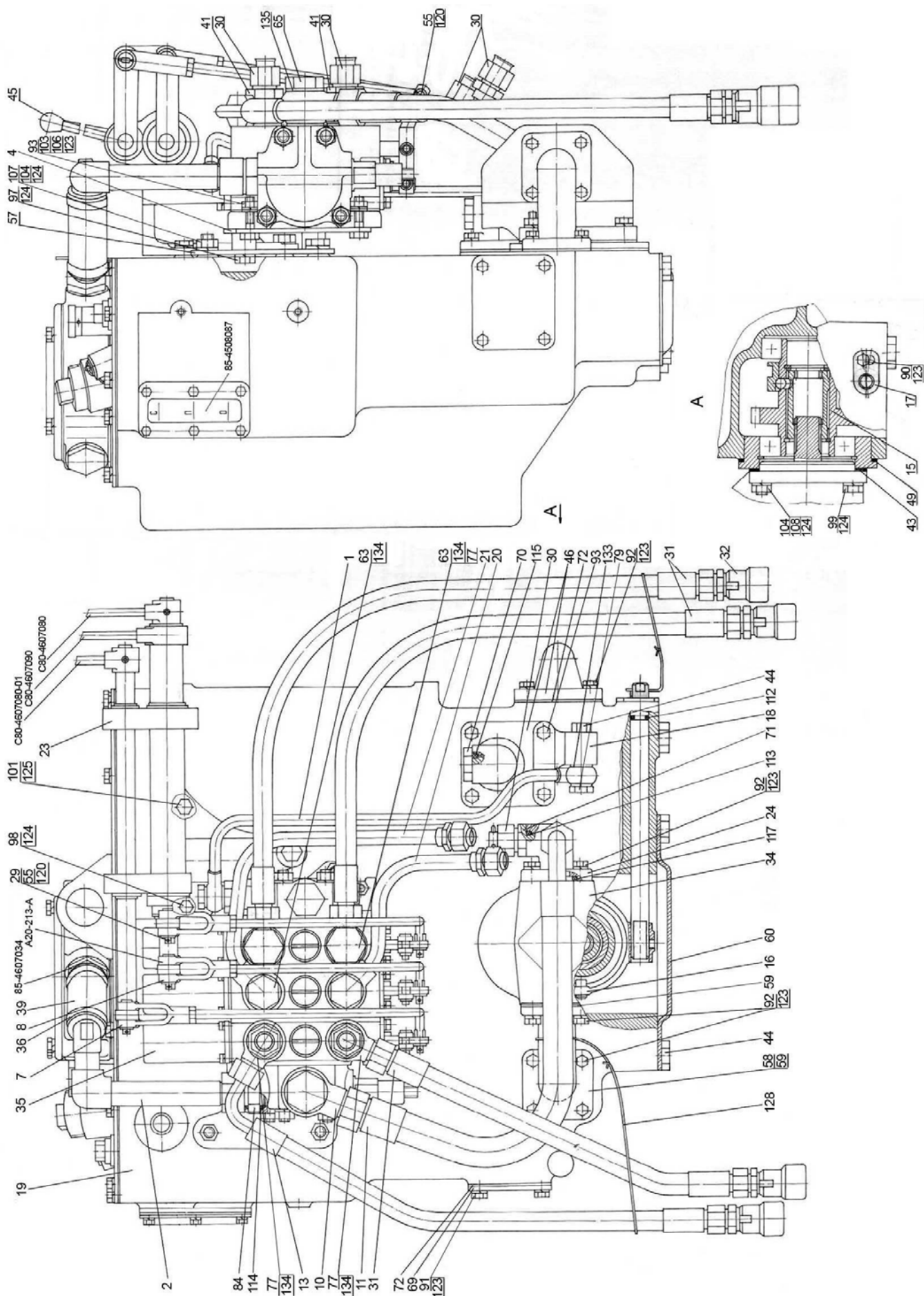


Fig.46.6. Hydraulic system P85-4600015

Group 46. Hydraulic system
Subgroup 4607. Hydraulic system P85-4600015

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
46.6		P85-4600015-02		Hydraulic system
	1	P85-4607110	1	Pipe
	2	P85-4607425	1	Pipe
	4	P1221-4607030	1	Bracket
	7	P1221-4607260	1	Rod
	8	P1221-4607260-01	2	Rod
	10	952-4607080	1	Connecting pipe
	11	952-4607140	1	High-pressure hose pipe Ø16x2 reinforced
	13	680-4607140-04	1	High-pressure hose pipe Ø10 x1 reinforced
	15	80-4604010	1	Pump drive
	16	85-4604030	1	Fork
	17	85-4604040-B	1	Shaft
	18	85-4607435	1	Bracket
	19	85-4608010	1	Hydraulic system casing
	20	85-4607060-B	1	Pipe
	21	85-4607080-B	1	Pipe
	23	80-4607040-04	1	Bracket
	24	Д80-4607100	1	Branch pipe
	29	A61-030-A1	3	Pin
	30	H.036.12.010	5	Choke
	31	ПН.036.83.040	3	High-pressure hose pipe Ø10x1 reinforced
	32	M036.50Б.10	4	Left casing
	34	НШ32Д-3 or НШ32УКФ-3	1	Gear pump
	35	РП70-1221 C	1	Distributor
	36	XC-31	2	Clamp
	39	P85-4607063	1	Hose pipe 25x35-1,6 GOST10362-76 (L=90±1)mm
	41	952-4607061	2	Connecting pipe
	43	36-1022054-A	1	Gasket
	44	1221-1802091	3	Threaded plug
	45	70-3401093	3	Lever tip
	46	85-3407101	2	Branch pipe
	49	70-4604037	1	Gasket
	55	70-4607144	6	Washer
	57	50-4607032-B	1	Bracket
	58	50-4607096-A	1	Branch pipe
	59	50-4607097	4	Gasket
	60	50-4607099	1	Cover
	63	40-4607032	4	Clamping bolt
	65	40-4607037	1	Bolt
	69	80-4608019	1	Cover
	70	85-4608021	2	Plug
	71	70-1405089	1	Male pipe adapter
	72	70-4608033	3	Gasket
	77	530-4614029	4	Angle piece
	79	Д18-051	2	Bolt
	84	H.036.04.011	1	Screw-in connecting pipe
	90	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	91	M8-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	92	M8-6gx25.88.35.019 ГОСТ 7796-70	18	Bolt

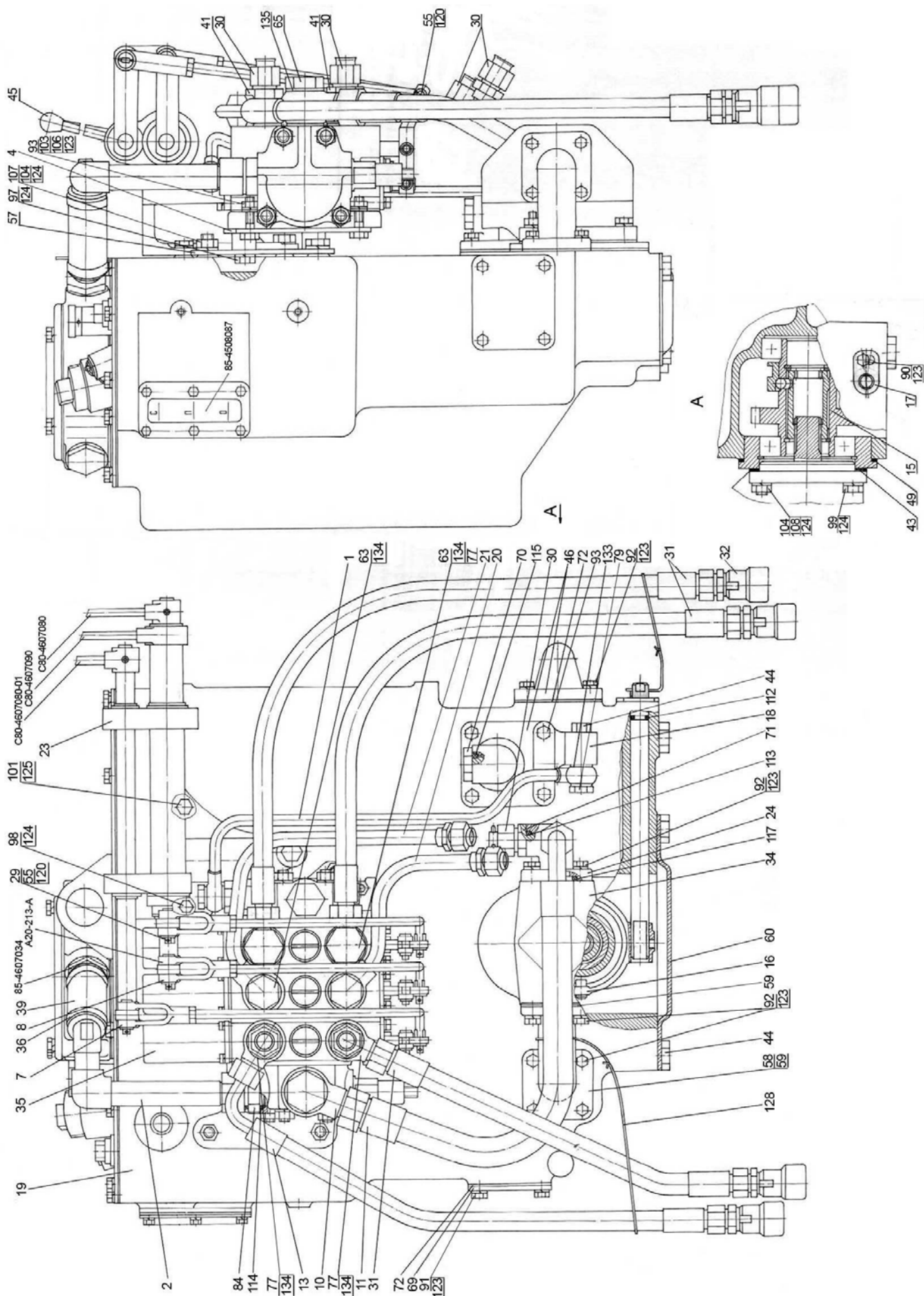


Fig.46.6. Hydraulic system P85-4600015

Group 46. Hydraulic system
Subgroup 4607. Hydraulic system P85-4600015

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
46.6	93	M8-6gx30.88.35.019 ГОСТ 7796-70	6	Bolt
	97	M10-6gx20.88.35.019 ГОСТ 7796-70	3	Bolt
	98	M10-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	99	M10-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt
	101	M12-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	103	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	104	M10-6H.6.019 ГОСТ 5915-70	5	Nut
	106	C 8.01.019 ГОСТ 11371-78	4	Washer
	107	M10 3p/6gx20.66.019 ГОСТ 22034-76	3	Pin
	108	M10 3p/6gx35.66.019 ГОСТ 22034-76	2	Pin
	112	013-017-25-1-4 ГОСТ 18829-73/9833-73	1	Ring
	113	017-022-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	114	021-024-19-2-2 ГОСТ 18829-73/9833-73	1	Ring
	115	021-025-25-1-4 ГОСТ 18829-73/9833-73	2	Ring
	117	035-040-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	120	3,2x18.019 ГОСТ 397-79	6	Cotter pin
	123	8T OCT 37.001.115-75	30	Washer
	124	10 OT OCT 37.001.115-75	11	Washer
	125	12 OT OCT 37.001.115-75	2	Washer
	128	1,0-O-C ГОСТ 3282-74	1	Wire (250x3) mm
	133	4600.18	4	Washer PM14
	134	4600.20	12	Washer PM1/2
	135	4600.22	2	Washer PM24

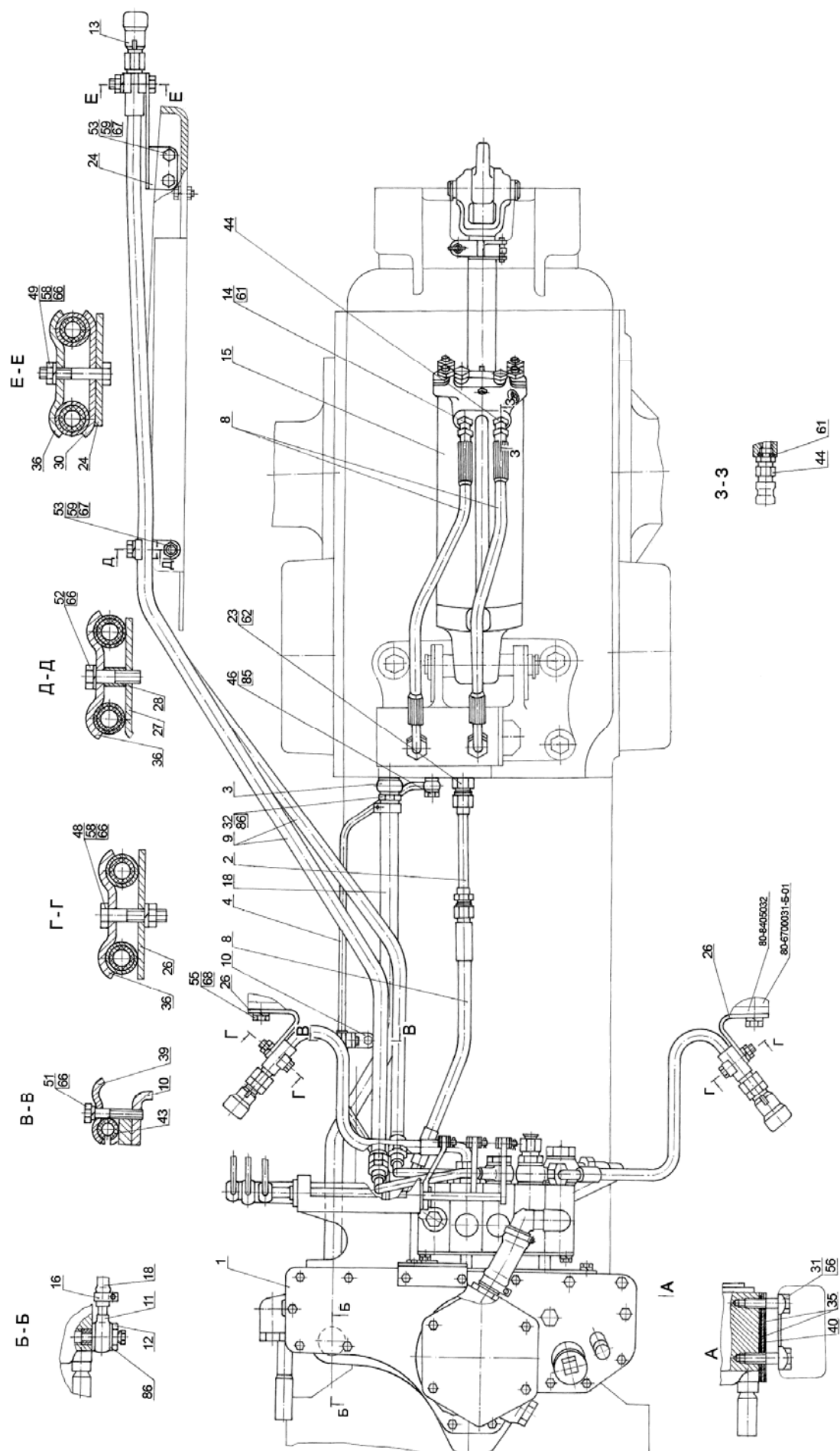


Fig.46.7. Hydraulic system P90-4600010

Group 46. Hydraulic system
Subgroup 4607. Hydraulic system P90-4600010

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
46.7		P90-4600010-04		Hydraulic system
	1	P85-4600015-02	1	Hydraulic system casing
	2	P85-4607010	1	Pipe
	3	1221-3407090	1	Oil pipeline
	4	80-4607200	1	Pipe
	8	680-4607140-05	3	High-pressure hose pipe $\phi 10 \times 1$ reinforced
	9	П100-4607140-01	2	High-pressure hose pipe $\phi 10 \times 1$ reinforced
	10	70-4607270-A	1	Bracket
	11	C80-4607380	1	Pipe
	12	80-4607455	1	Bolt
	13	M036.50Б.10	2	Left casing
	14	H.036.65.000-A2-06	1	Slowing-down valve
	15	Ц100x200-3	1	Hydraulic cylinder Ц100x200-3
	16	XC-21	2	Clamp
	18	Д80-4607063	1	Hose
	23	C80-4607204	1	Connecting pipe
	24	M80-4607014	1	Bracket
	26	M80-4607017	2	Bracket
	27	M80-4607018	1	Bracket
	28	E1021-4607044	1	Bush
	30	70-4607156	1	Slat
	31	70-4607168	2	Plates
	32	40-4607032	1	Clamping bolt
	35	50-4608049	2	Gasket
	36	40-4607029-A	4	Slat
	39	70-4607161-A	1	Slat
	40	70-4608072	1	Plate
	43	70-3506027	1	Bush
	44	70-1405089	1	Male pipe adapter
	46	Д18-051	2	Bolt
	48	M8-6gx40.88.35.019 ГОСТ 7795-70	2	Bolt
	49	M8-6gx45.88.35.019 ГОСТ 7795-70	1	Bolt
	51	M8-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	52	M8-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	53	M10-6gx25.88.35.019 ГОСТ 7796-70	3	Bolt
	55	M12-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	56	M14x1,5-6gx45.88.35.019 ГОСТ 7796-70	4	Bolt
	58	M8-6H.6.019 ГОСТ 5915-70	3	Nut
	59	M10-6H.6.019 ГОСТ 5915-70	3	Nut
	61	017-022-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	62	024-028-25-1-4 ГОСТ 18829-73/9833-73	1	Ring
	66	8T OCT 37.001.115-75	5	Washer
	67	10 OT OCT 37.001.115-75	3	Washer
	68	12 OT OCT 37.001.115-75	1	Washer
	85	4600.18	4	Washer PM14
	86	4600.20	4	Washer PM1/2
		M036.50Б.20	6	Right casing (to be put into the spare parts and accessories kit)

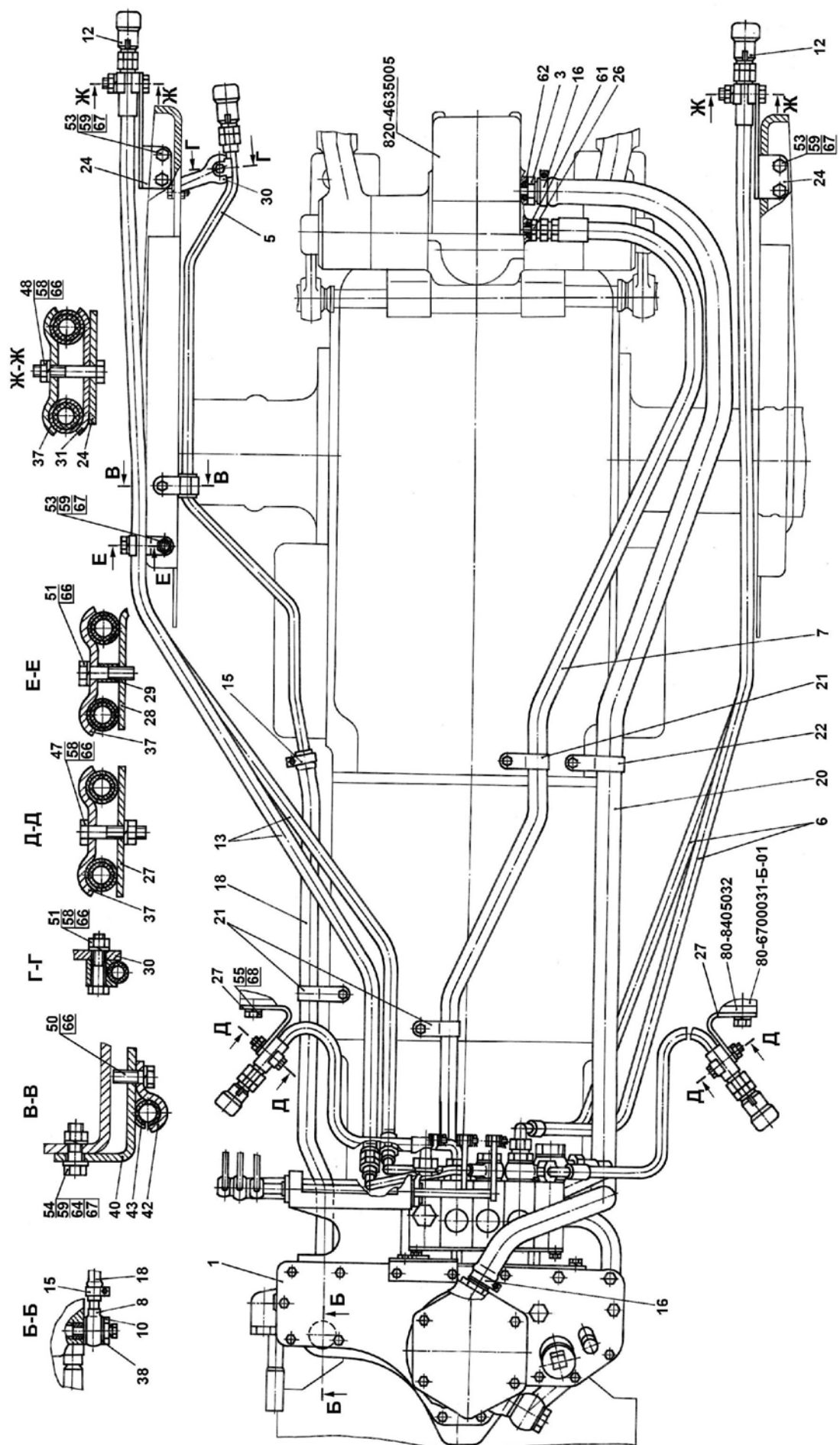


Fig.46.8. Hydraulic system P1221-4600010

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
46.8		P1221-4600010-02	1	Hydraulic system
	1	P1221-4600015-02	1	Hydraulic system casing
	3	85-4607034	1	Connecting pipe
	5	K1221-4607125	1	Pipe
	6	680-4607140-03	2	High-pressure hose pipe Ø10 x1 reinforced
	7	952-4607140-04	1	High-pressure hose pipe Ø16x2 reinforced
	8	C80-4607380	1	Pipe
	10	80-4607455	1	Bolt
	12	M036.50Б.10	5	Left casing
	13	П100-4607140-01	2	High-pressure hose pipe Ø10x1 reinforced
	15	XC-21	2	Clamp
	16	XC-31	2	Clamp
	18	K1221-4607011	1	Hose
	20	П80-4607012	1	Hose
	21	П80-4607013	3	Clamp
	22	П80-4607013-01	1	Clamp
	24	M80-4607014	2	Bracket
	26	П80-4607016	1	Connecting pipe
	27	M80-4607017	2	Bracket
	28	M80-4607018	2	Bracket
	29	E1021-4607044	1	Bush
	30	85-4607431	1	Bracket
	31	70-4607156	2	Slat
	37	40-4607029-A	5	Slat
	38	40-4607038-A-01 or PM 1/2	2	Washer
	40	1321-3407022	1	Bracket
	42	70-3407163-01	1	Cramp
	43	70-3506027	1	Bush
	47	M8-6gx40.88.35.019 ГОСТ 7795-70	2	Bolt
	48	M8-6gx45.88.35.019 ГОСТ 7795-70	2	Bolt
	50	M8-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	51	M8-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	53	M10-6gx25.88.35.019 ГОСТ 7796-70	5	Bolt
	54	M10-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	55	M12-6gx30.88.35.019 ГОСТ 7795-70	1	Bolt
	58	M8-6H.6.019 ГОСТ 5915-70	5	Nut
	59	M10-6H.6.019 ГОСТ 5915-70	6	Nut
	61	021-024-19-2-2 ГОСТ 18829-73/9833-73	1	Ring
	62	027-032-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	64	C 10.01.019 ГОСТ 11371-78	1	Washer
	66	8T OCT 37.001.115-75	7	Washer
	67	10 OT OCT 37.001.115-75	6	Washer
	68	12 OT OCT 37.001.115-75	1	Washer
		M036.50Б.20	6	Right casing (to be delivered complete with the tractor)

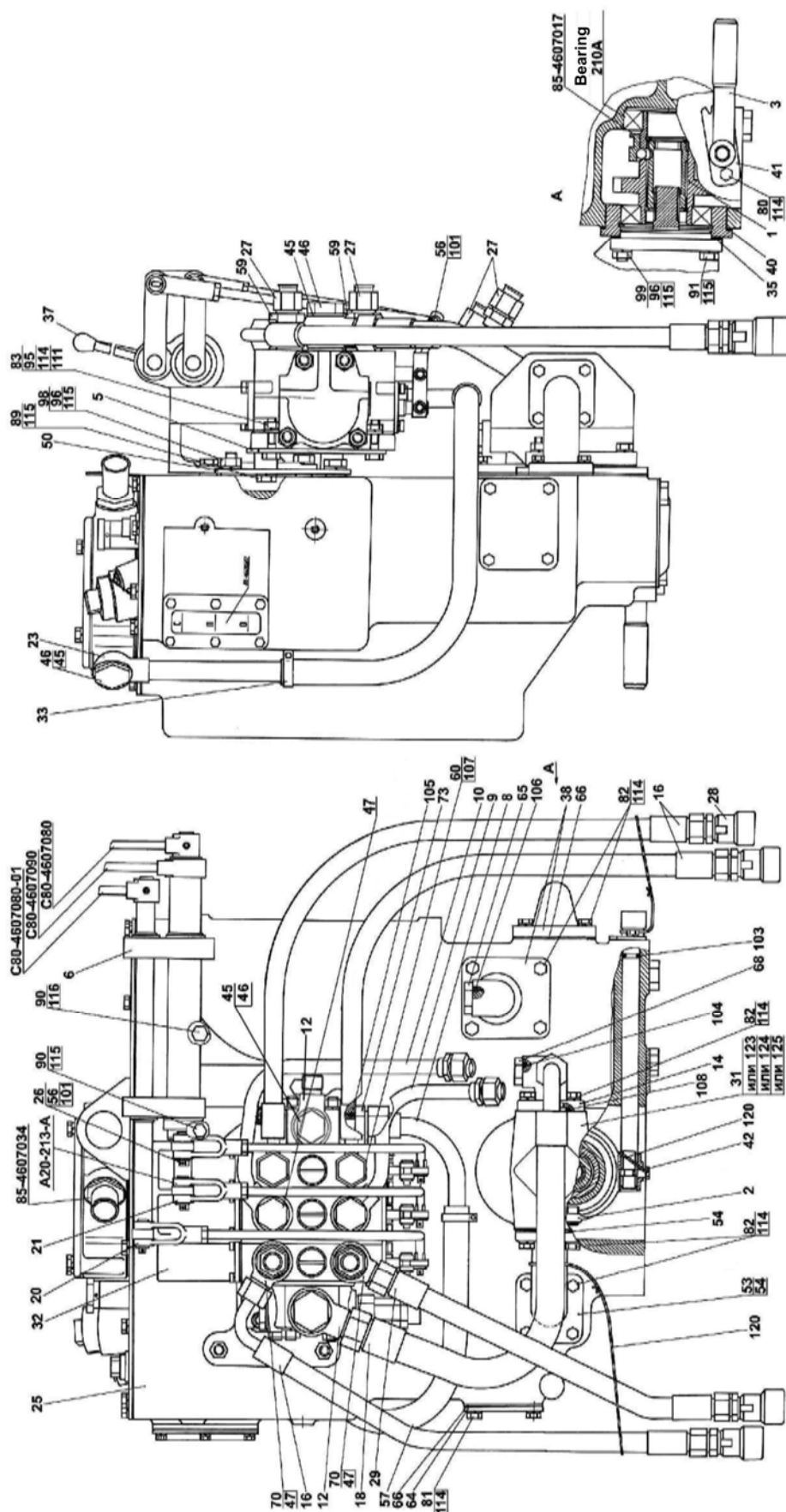


Fig.46.9. Hydraulic system casing P1221-4600010

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
46.9		P1221-4600015-02	1	Hydraulic system casing
	1	80-4604010	1	Pump drive
	2	85-4604030	1	Fork
	3	85-4604040	1	Switch-off handle
	5	P1221-4607030	1	Bracket
	6	80-4607040-04	1	Bracket
	8	P1221-4607050	1	Pipe
	9	85-4607060-B	1	Pipe
	10	85-4607080-B	1	Pipe
	12	952-4607080	2	Connecting pipe
	14	Д80-4607100	1	Branch pipe
	16	680-4607140-04	1	High-pressure hose pipe Ø10x1 reinforced
	18	952-4607140	1	High-pressure hose pipe Ø16x2 reinforced
	20	P1221-4607260	1	Rod
	21	P1221-4607260-01	2	Rod
	23	80B-4607375	1	Pipe
	25	85-4608010	1	Hydraulic system casing
	26	A61-030-A1	3	Pin
	27	H.036.12.010	4	Choke
	28	M036.50Б.10	4	Left casing
	29	ПН.036.83.040	3	High-pressure hose pipe Ø10x1 reinforced
	31	НШ32М-3	1	Gear pump (additionally substituted for pos.123 or pos.124 or pos.125)
	32	РП70-1221	1	Distributor
	33	XC-26	2	Clamp
	35	36-1022054-A	1	Gasket
	37	70-3401093	3	Lever tip
	38	85-3407101	2	Branch pipe
	40	70-4604037	1	Gasket
	41	50-4604044	1	Plate
	42	50-4604046	1	Fork bolt
	45	40-4607033-A-01 or PM 24	6	Washer
	46	40-4607037	3	Bolt
	47	40-4607038-A-01 or PM 1/2	12	Washer
	50	50-4607032-B	1	Bracket
	53	50-4607096-A	1	Branch pipe
	54	50-4607097	4	Gasket
	55	50-4607099	1	Cover
	56	70-4607144	6	Washer
	57	M80-4607011	1	Hose
	59	952-4607061	2	Connecting pipe
	64	70-4608019	1	Cover
	65	85-4608021	2	Plug
	66	70-4608033	3	Gasket
	68	50-4608027-B	1	Plug
	70	530-4614029	4	Angle piece
	73	H.036.04.011	1	Screw-in connecting pipe
	80	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	81	M8-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	82	M8-6gx25.88.35.019 ГОСТ 7796-70	20	Bolt
	83	M8-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt

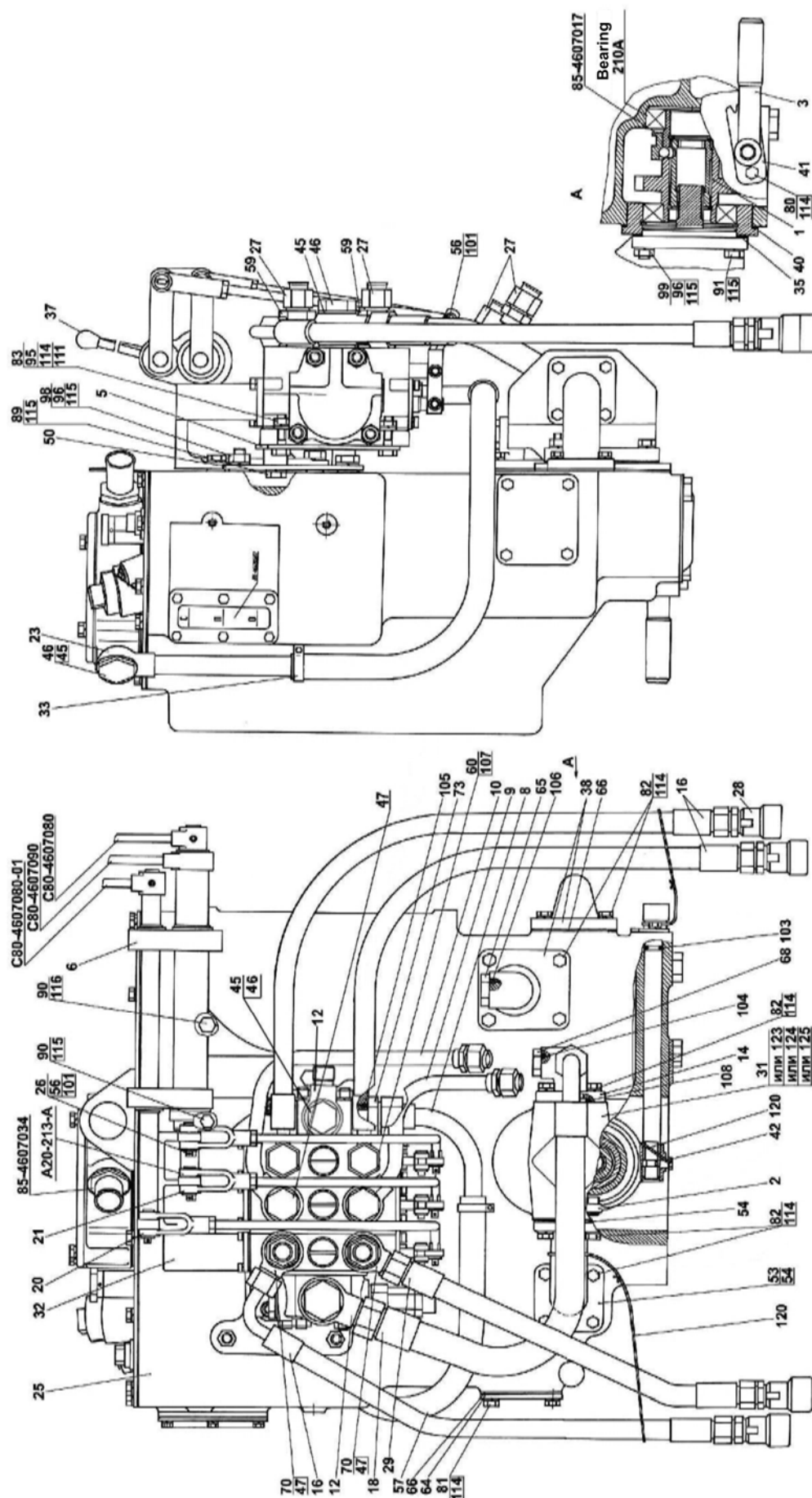


Fig.46.9. Hydraulic system casing P1221-4600010

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
46.9	89	M10-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	90	M10-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	91	M10-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt
	93	M12-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	95	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	96	M10-6H.6.019 ГОСТ 5915-70	5	Nut
	98	M10 3p/6gx20.66.019 ГОСТ 22034-76	3	Pin
	99	M10 3p/6gx35.66.019 ГОСТ 22034-76	2	Pin
	101	3,2x18.019 ГОСТ 397-79	6	Cotter pin
	103	013-017-25-1-4 ГОСТ 18829-73/9833-73	1	Ring
	104	017-022-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	105	021-024-19-2-2 ГОСТ 18829-73/9833-73	1	Ring
	106	021-025-25-1-4 ГОСТ 18829-73/9833-73	2	Ring
	108	035-040-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	111	C 8.01.019 ГОСТ 11371-78	4	Washer
	114	8T OCT 37.001.115-75	30	Washer
	115	10 OT OCT 37.001.115-75	12	Washer
	116	12 OT OCT 37.001.115-75	2	Washer
	120	1,0-O-C ГОСТ 3282-74	3	Wire (250 mm)
	123	НШ32МА-3	1	Gear pump (additionally substituted for pos.31 or pos.124 or pos.125)
	124	НШ32Д-3	1	Gear pump (additionally substituted for pos. 31 or pos.123 or pos.125)
	125	НШ32УКФ-3	1	Gear pump (additionally substituted for pos.31 or pos.123 or pos.124)

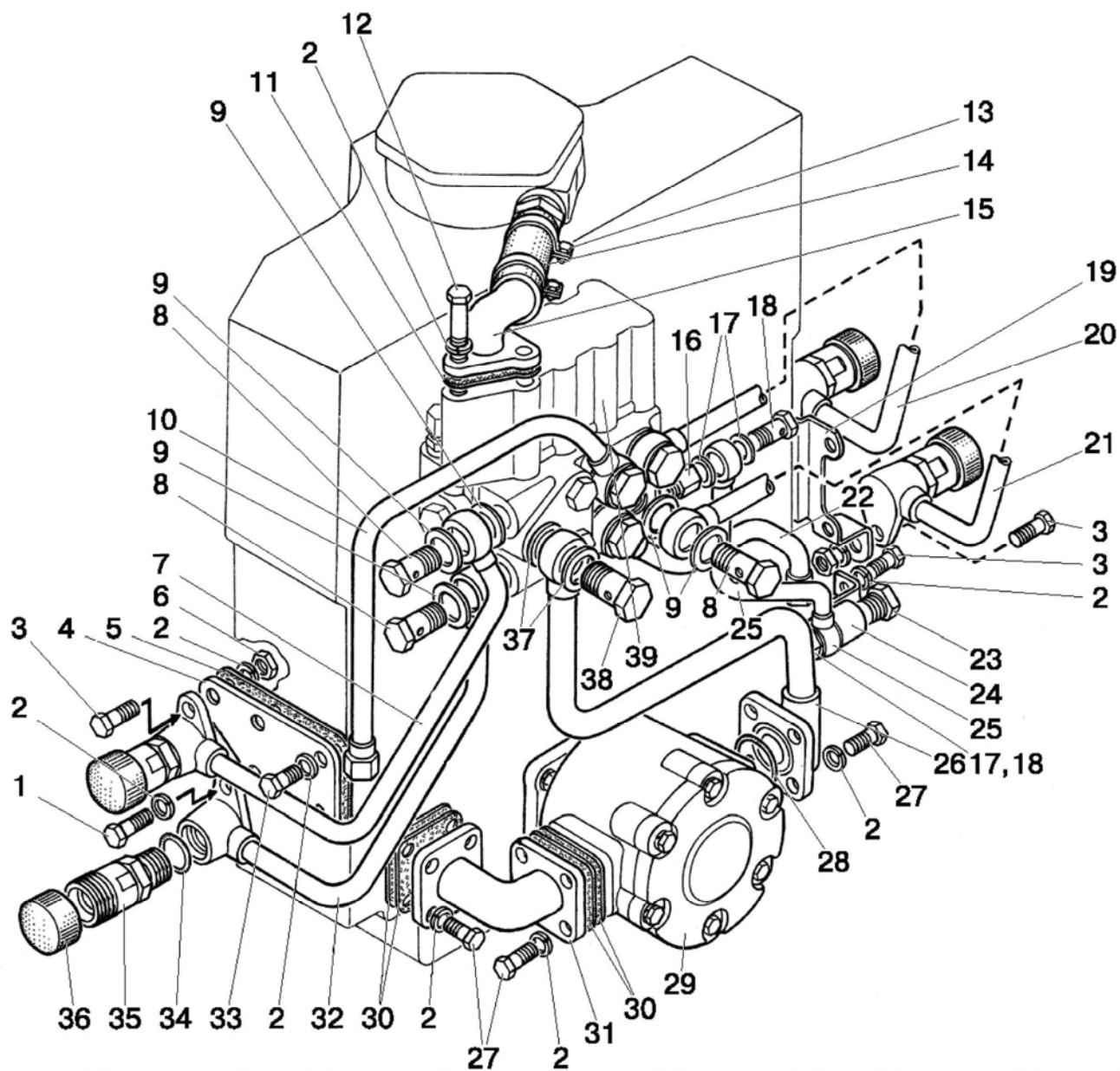


Fig.46.10. Hydraulic system 80-4600010-B

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.10	1	M8-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	2	8T OCT 37.001.115-75	23	Washer
	3	M8-6gx30.88.35.019 ГОСТ 7796-70	5	Bolt
	4	80-4608019-01	1	Cover
	5	70-4608033-01	1	Gasket
	6	M8-6H.6.019 ГОСТ 5915-70	3	Nut
	7	80X-4607120	1	Pipe
	8	40-4607032	6	Bolt
	9	40-4607038-A-01 or PM 1/2	12	Washer
	10	80-4607165	1	Pipe
	11	40-4607018-01	1	Gasket
	12	M8x110	3	Bolt
	13	XC-31 or "NORMA" TORRO 25-40/9-C6W	2	Clamp
	14	85-4607063	1	Draining hose
	15	85-4607425	1	Angle piece with a connecting pipe
	16	80-4607142	1	Connecting pipe
	17	Д18-055А-01 or PM 14	4	Seal ring Washer
	18	Д18-051	2	Bolt
	19	80-4607119	1	Bracket
	20	80-1607110	1	Pipe
	21	80-4607115-Б	1	Pipe
	22	80-4607175	1	Pipe
	23	1221-1802091	1	Plug (auxiliary)
	24	80-4607320-Б	1	Bracket
	25	80-4607310-А	1	Pipe
	26	80-4607075А	1	Pipe (for the pump HШ32А-3)
		80-4607075Б	1	Pipe (for the pump HШ32М-3, etc.)
	27	M8-6gx25.88.35.019 ГОСТ 7796-70	17	Bolt
	28	035-040-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	29	HШ32А-3 or HШ32М-3 or HШ32МА-3 or HШ32Д-3 or HШ32УВ-3 or HШ32УКФ-3	1	Pump
	30	50-4607097-01	4	Gasket
	31	70-4607096-А	1	Branch pipe (for the pump HШ32А-3)
		50-4607096-А	1	Branch pipe (for the pump HШ32М-3, etc.)
	32	80X-4607130	1	Pipe
	33	M8-6gx20.88.35.019 ГОСТ 7796-70	2	Bolt
	34	017-022-30-1-4 ГОСТ 18829-73/9833-73	4	Ring
	35	3057-4616330-А	4	Locking device valve (Ø12), left
	36	50-4607039-А	4	Cap
	37	40-4607033-А-01 or PM 24	2	Washer
	38	40-4607037	1	Bolt
	39	P80-3/4-222-3Гr	1	Distributor

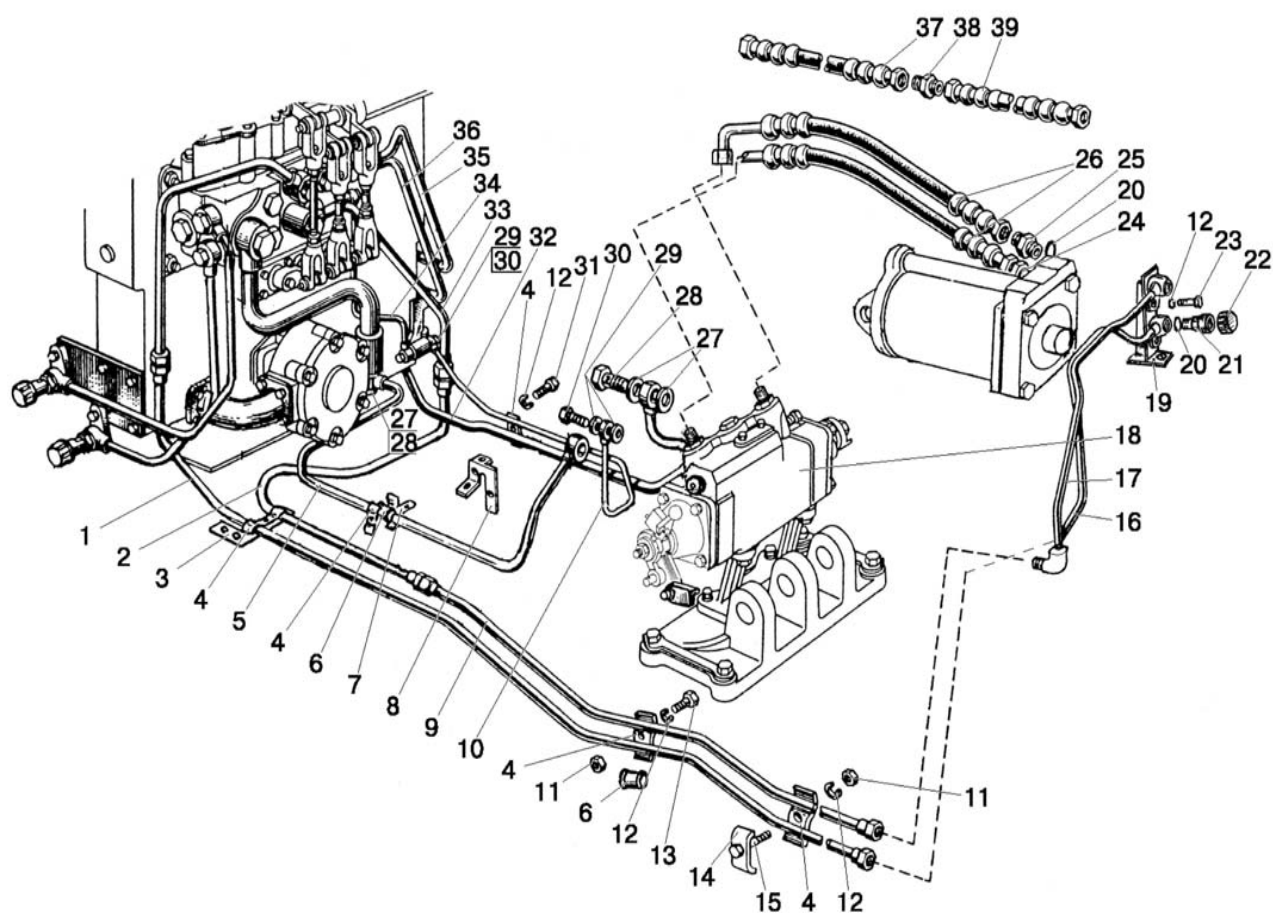


Fig.46.11. Hydraulic units and fittings (with power governor).

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings.
 (with power governor)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.11		40-4607065-A	2	Hitch hose (37-39)
	1	H80-4607160	1	Oil pipeline
	2	H80-4607170	1	Oil pipeline
	3	H80-4607206	1	Bracket
	4	70-3407146	4	Slat
	5	80-4607180	1	Pipe (with the pump HШ32A-3)
		80-4607180-Б	1	Pipe (with the pump HШ32M-3, etc.)
	6	70-3506027	9	Bush
	7	80-4607169	1	Bracket
	8	70-4607270-A	1	Bracket
	9	H80-4607150	1	Oil pipeline
	10	80-4607200	1	Pipe
	11	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	12	8T OCT 37.001.115-75	10	Washer
	13	M8-6gx40.88.35.019 ГОСТ 7795-70	2	Bolt
	14	70-4607156	1	Slat
	15	M8-6gx45.88.35.019 ГОСТ 7795-70	2	Bolt
	16	70-4607400-Б	1	Pipe
	17	70-4607395-Б	1	Pipe
	18	80-4614020	1	Governor
	19	85-4607440	1	Bracket
	20	017-022-30-1-4 ГОСТ 18829-73/9833-73	10	Ring
	21	3057-4616330-A	2	Locking device valve
	22	50-4607039-A	2	Cap
	23	M8-6gx20.88.35.019 ГОСТ 7796-70	2	Bolt
	24	70-1405089	3	Connecting pipe
	25	H.036.65-000-06-A2	1	Valve
	26	680-4607140-05	2	Hose pipe (to be used with Л100)
		680-4607140-12	2	Hose pipe (to be used with Л110)
	27	40-4607038-A or PM 1/2	12	Washer
	28	40-4607032	6	Bolt
	29	Д18-055A-01 or PM 14	4	Ring Washer
	30	Д18-051-01	2	Bolt
	31	M8-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	32	80-4607190-Б	1	Pipe
	33	80-4607175	1	Pipe
	34	80-4607310-A	1	Pipe
	35	80-4607110	1	Pipe
	36	80-4607115-Б	1	Pipe
	37	H.036.83.090	2	Hose pipe (optional)
	38	H. 036.02.002	2	Connecting pipe (optional)
	39	H.036.83.110	2	Hose pipe (optional)

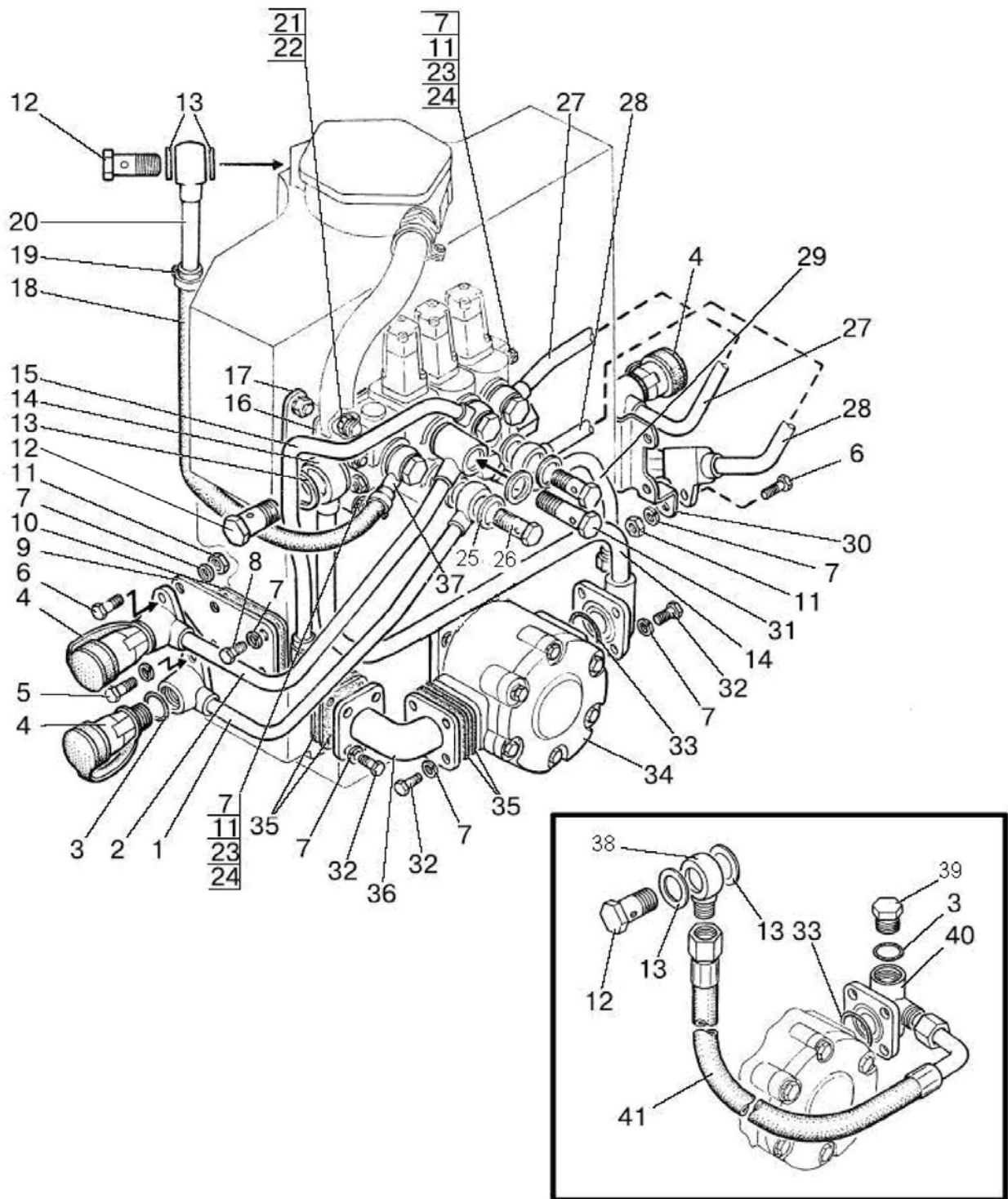


Fig.46.12. Hydraulic units and fittings (with hydraulic lift and distributor RS 213 MITA)

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings
 (with hydraulic lift and distributor RS 213 MITA)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.12	1	C80-4607130	1	Pipe
	2	C80-4607120	1	Pipe
	3	017-022-30-1-4 ГОСТ 18829-73/9833-73	5	Ring
	4	M036.506.10	4	Left casing
	5	M8-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	6	M8-6gx30.88.35.019 ГОСТ 7796-70	3	Bolt
	7	8T OCT 37.001.115-75	32	Washer
	8	M8-6gx20.88.35.019 ГОСТ 7796-70	3	Bolt
	9	80-4608019-01	1	Cover
	10	70-4608033-01	1	Gasket
	11	M8-6H.6.019 ГОСТ 5915-70	7	Nut
	12	40-4607037	2	Bolt
	13	40-4607033-A-01 or PM 24	4	Washer
	14	C80-4607075-B or C80-4607075-Г	1	Pipe (for HШ32A-3) Pipe (for HШ32M-3)
	15	C80-4607165	1	Pipe
	16	C80-4607030	1	Bracket
	17	50-4607032-B	1	Bracket
	18	C80-4607063	1	Hose
	19	XC-21 or "NORMA" TORRO 16-25/9-C6W	2	Clamp
	20	C80-4607375	1	Pipe
	21	M10-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	22	10 OT OCT 37.001.115-75	12	Washer
	23	M8-6gx65.88.35.019 ГОСТ 7796-70	4	Bolt
	24	C 8.01.019 ГОСТ 11371-78	4	Washer
	25	40-4607038A-01 or PM 1/2	14	Washer
	26	40-4607032	6	Bolt
	27	C80-4607110	1	Pipe
	28	1021-4607115	1	Pipe
	29	C80-4607175	1	Pipe
	30	80B-1108570	1	Bracket
	31	50-4607031	1	Bolt
	32	M8-6gx25.88.35.019 ГОСТ 7796-70	20	Bolt
	33	035-040-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	34	HШ 32A-3 or HШ 32M-3 or HШ 32MA-3 or HШ 32УКФ-3 or HШ 32Д-3 or HШ 32УВ-3	1	Gear pump
	35	50-4607097-01	4	Gasket
	36	70-4607096-A (for HШ 32A-3 only) or 50-4607096-A	1	Branch pipe
	37	C80-4607380	1	Pipe
	38	952-4607080*	1	Connecting pipe
	39	50-4608027-B*	1	Plug
	40	Д80-4607100*	1	Branch pipe
	41	952-4607140*	1	High-pressure hose pipe

* Variant

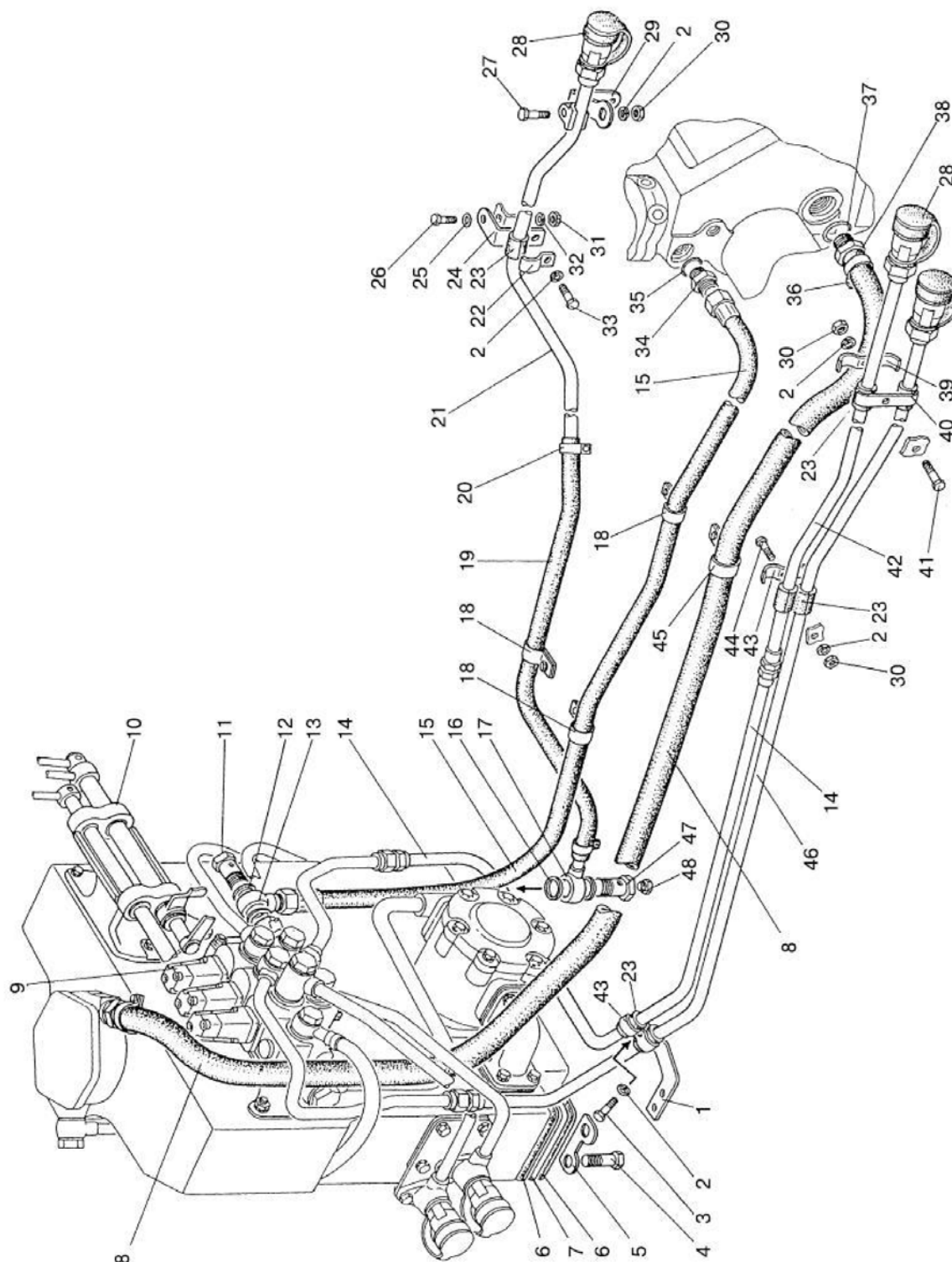


Fig.46.13. Hydraulic units and fittings (if the tractor is equipped with a hydraulic host)

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings
 (if the tractor is equipped with a hydraulic host)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.13	1	H80-4607206	1	Bracket
	2	8T OCT 37.001.115-75	7	Washer
	3	M8-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	4	M14x1,5-6gx45.88.35.019 ГОСТ 7796-70	4	Bolt
	5	70-4607168	2	Plate
	6	50-4608049-01	2	Gasket
	7	70-4608072	1	Plate
	8	П80-4607012	1	Hose
	9	RS 213 MITA	1	Hydraulic distributor
	10	80-4607040-04	1	Hydraulic distributor control
	11	40-4607037	1	Bolt
	12	40-4607033-A-01 or PM 24	2	Washer
	13	952-4607080	1	Connecting pipe
	14	H80-4607170	1	Oil pipeline
	15	П80-4607120	1	Hose pipe
	16	40-4607038-A-01 or PM 1/2	2	Washer
	17	C80-4607380	1	Pipe
	18	П80-4607013	3	Clamp
	19	K1221-4607011	1	Hose
	20	XC-21 or "NORMA" TORRO 16-25/9-C6W	2	Clamp
	21	K1221-4607125	1	Pipe
	22	70-3407163-01	1	Cramp
	23	70-3506027	7	Bush
	24	1321-3407022	1	Bracket
	25	C 10.01.019 ГОСТ 11371-78	1	Washer
	26	M10-6gx30.88.35.019 ГОСТ 7796-70	1	Bolt
	27	M8-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	28	M036.50Б.10	3	Left casing
	29	85-4607431	1	Bracket
	30	M8-6H.6.019 ГОСТ 5915-70	3	Nut
	31	M10-6H.6.019 ГОСТ 5915-70	1	Nut
	32	10 OT OCT 37.001.115-75	1	Washer
	33	M8-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	34	П80-4607016	1	Connecting pipe
	35	021-024-19-1-4 ГОСТ 18829-73/9833-73	1	Ring
	36	XC-31 or "NORMA" TORRO 25-40/9-C6W	2	Clamp
	37	027-032-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	38	85-4607034	1	Connecting pipe
	39	40-4607029-A	1	Slat
	40	70-4607156	1	Slat
	41	M8-6gx45.88.35.019 ГОСТ 7795-70	1	Bolt
	42	H80-4607150	1	Oil pipeline
	43	70-3407146	2	Slat
	44	M8-6gx40.88.35.019 ГОСТ 7795-70	1	Bolt
	45	П80-4607013-01	1	Clamp
	46	H80-4607160	1	Oil pipeline
	47	80-4607439	1	Bolt
	48	КГ 1/4".A12.019	1	Plug

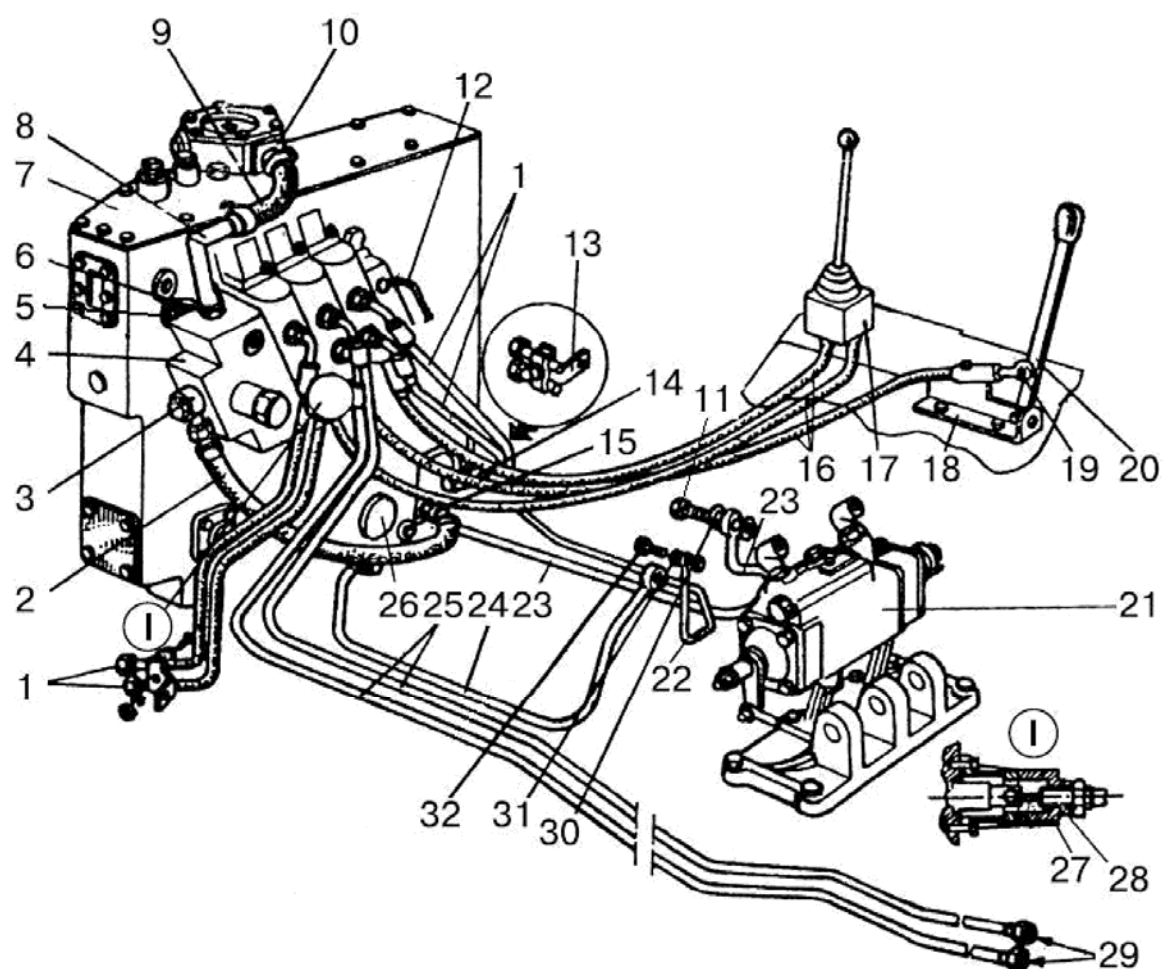


Fig.46.14. Hydraulic units and fittings of the hydraulic system with rope control of the distributor (Joystick type)

Group 46. Hydraulic system
Subgroup 4607. Hydraulic units and fittings
of the hydraulic system with rope control of the distributor (Joystick type)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.14	1	680-4607140-04	4	Hose pipe left
	2	952-4607140-01	1	Hose pipe
	3	952-4607080	1	Connecting pipe
	4	RS-213 "Belarus"	1	Sectional distributor
	5	952-4607040	1	Bracket
	6	H.036.04.011	1	Connecting pipe
	7	85-4608010	1	Hydraulic system casing
	8	C80-4607425	1	Branch pipe
	9	952-4607063	1	Hose
	10	85-4607034	1	Connecting pipe
	11	40-4607032	1	Bolt
	12	952-4607310	1	Pipe
	13	M80-4607017	2	Bracket
	14	80-4607320-Б	1	Bracket
	15	D80-4607100	1	Branch pipe
	16	WL-1500 or 132-001	3	Cable
	17	WK-20 or ТАИС.303654.001	1	Joystick
	18	C90-4607120	2	Plate
	19	C90-4607026	1	Screw
	20	C90-4607130	1	Lever
	21	80-4614020	1	Governor
	22	80-4607200	1	Pipe
	23	80-4607190-Б	1	Pipe
	24	680-4607140-06	1	Hose pipe
	25	680-4607140-03	2	Hose pipe
	26	80-4604010	1	Pump drive
	27		3	Cage
	28		3	Shell
	29	M036.50Б.010	6	Left casing
	30	40-4607038-A or PM 1/2	4	Washer
	31	D18-055A or PM 14	8	Seal ring Washer
	32	D18-051	4	Bolt

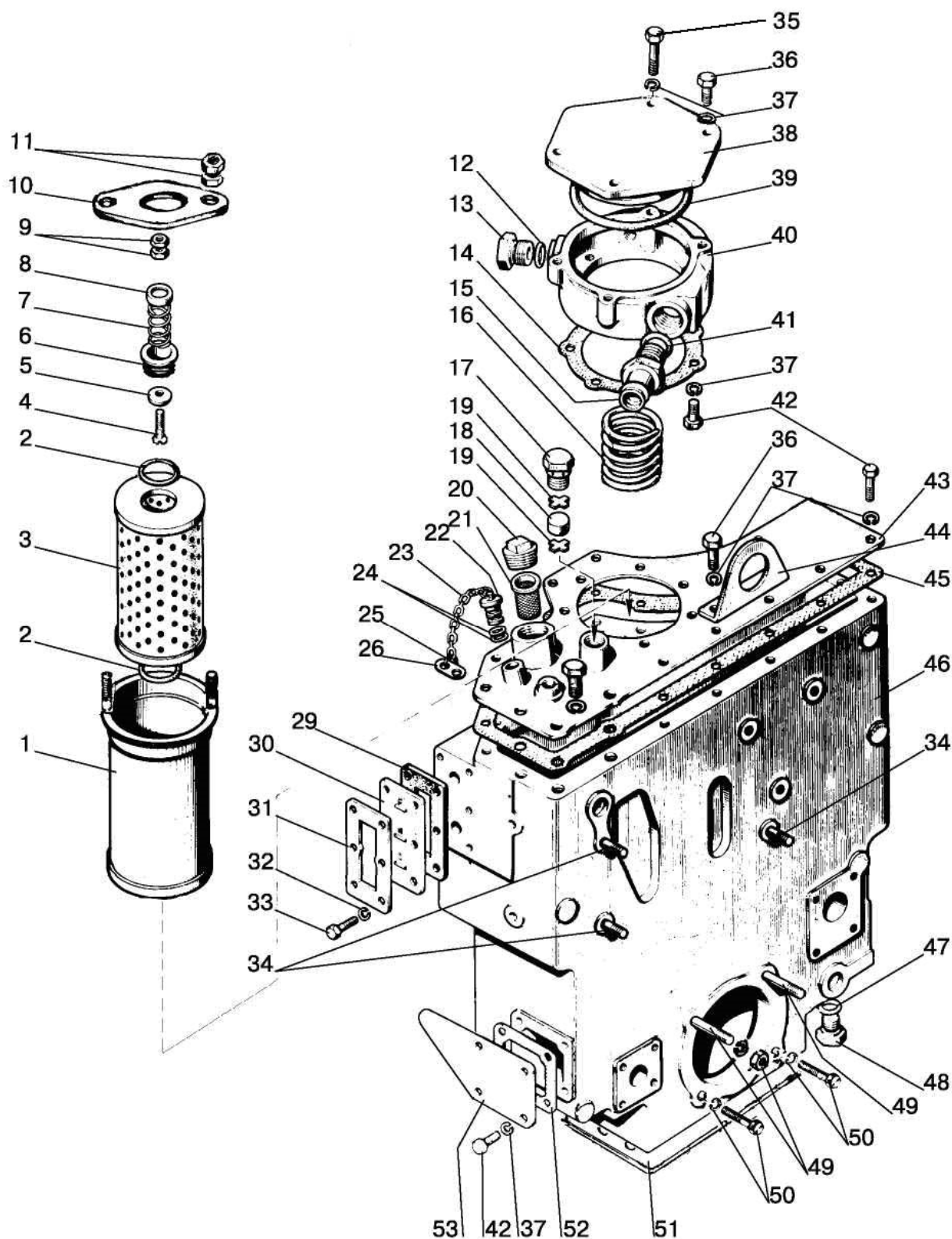


Fig.46.15. Hydraulic system casing and filter

Group 46. Hydraulic system
Subgroup 4607. Hydraulic system casing and filter

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.15		85-4608010	1	Hydraulic system casing (1-49, 53, 54)
		85-4608090	1	Valve (22-26)
		A28.04.10.000	1	Valve (4-9)
	1	A28.04.20.000-A1	1	Casing
	2	042-050-46-2-4 ГОСТ 18829-73/9833-73	2	Ring
	3	4600.30	1	Filtering element Regotmas 635-1
	4	B.M6-6gx40.58.019 ГОСТ 17475-80	1	Screw
	5	8.20.004	1	Valve
	6	A28.04.10.001	1	Valve body
	7	8.20.002	1	Spring
	8	8.20.005	1	Washer
	9	M6-6H.6.019 ГОСТ 5915-70	2	Nut
	10	A28.04.00.001	1	Restraint
	11	M6-6H.6.019 ГОСТ 5915-70	4	Nut
	12	021-025-25-1-4 ГОСТ 18829-73/9833-73	1	Ring
	13	85-4608021	1	Plug
	14	85-4608089	1	Gasket
	15	85-4607034	1	Connecting pipe
	16	85-4608057	1	Spring
	17	50-4608059	1	Breather plug
	18	50-4608063	1	Filter
	19	50-4608062	2	Breather washer
	20	КГ 1 1/4"	1	Plug
	21	A61-C06-A3	1	Filter
	22	85-4608091	1	Valve
	23	50-1002450	1	Chain
	24	011-015-25-2-4 ГОСТ 18829-73/9833-73	2	Ring
	25	36-1101067	2	Ring
	26	50-3407069	1	Locking pin
	29	85-4608086-A	1	Gasket
	30	85-4608087	1	Indicator
	31	85-4608088	1	Plate
	32	6T OCT 37.001.115-75	6	Washer
	33	M6-6gx16.88.35.019 ГОСТ 7798-70	6	Bolt
	34	M10 3p/6gx20.66.019 ГОСТ 2203 4-76	3	Pin
	35	M8-6gx80.88.35.019 ГОСТ 7795-70	1	Bolt
	36	M8-6gx25.88.35.019 ГОСТ 7796-70	5	Bolt
	37	8T OCT 37.001.115-75	30	Washer
	38	85-4608022	1	Cover
	39	130-135-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	40	85-4608018	1	Cage
	41	027-032-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	42	M8-6gx20.88.35.019 ГОСТ 7796-70	23	Bolt
	43	85-4608025	1	Cover
	44	80-4608073	1	Bracket
	45	85-4608031-B	1	Gasket
	46	85-4608016-A	1	Hydraulic system casing

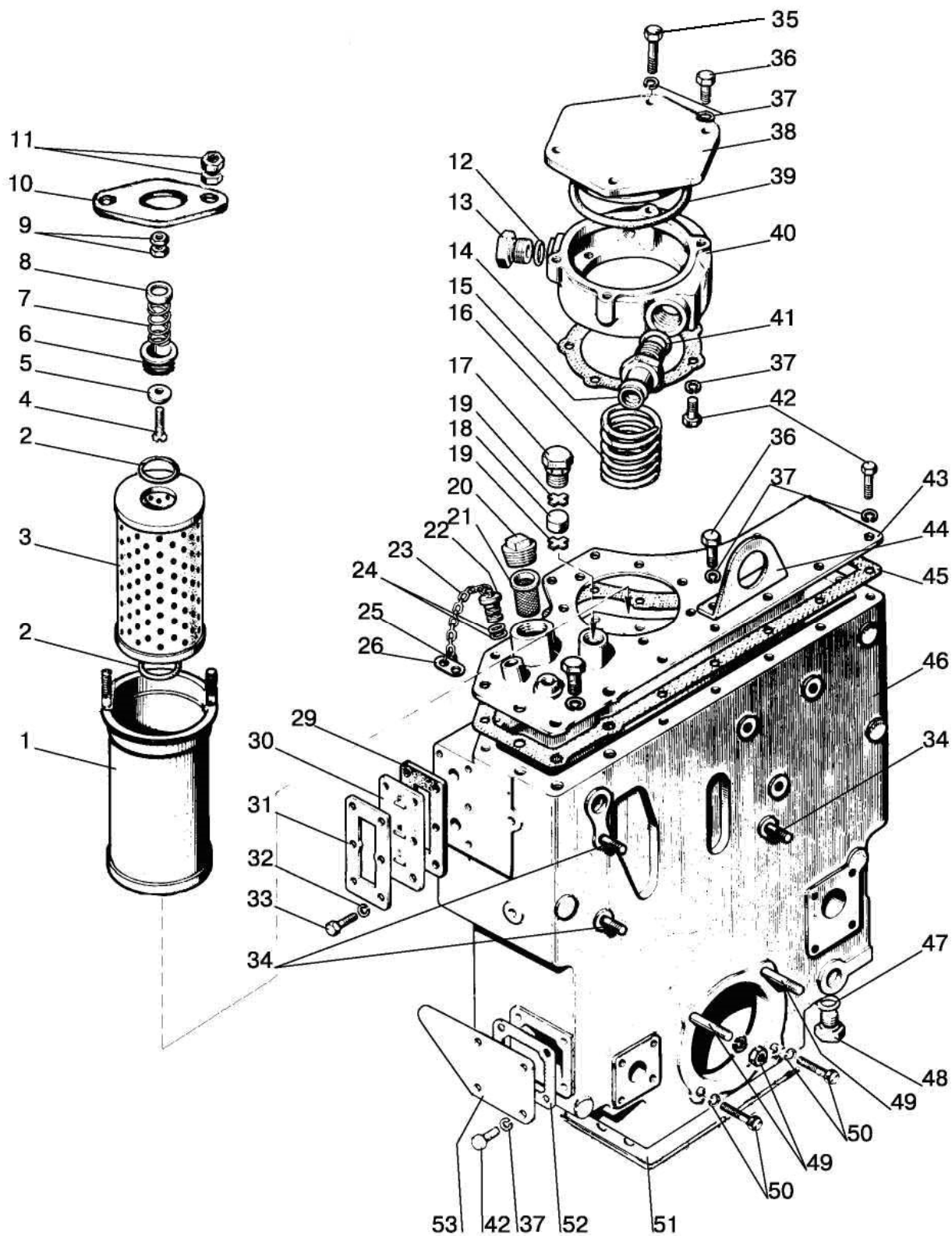


Fig.46.15. Hydraulic system casing and filter

Group 46. Hydraulic system
Subgroup 4607. Hydraulic system casing and filter

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.15	47	017-022-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	48	50-4608027-B	1	Plug
	49	M10 3p/6gx35.66.019 ГОСТ 22034-76	2	Pin
		M10-6H.6.019 ГОСТ 5915-70	2	Nut
	50	M10-6gx40.88.35.019 ГОСТ 7796-70	2	Bolt
		10 OT OCT 37.001.115-75	4	Washer
	51	50-4608049-01	1	Gasket
	52	70-4608033	1	Gasket
	53	80-4608019-01	1	Cover

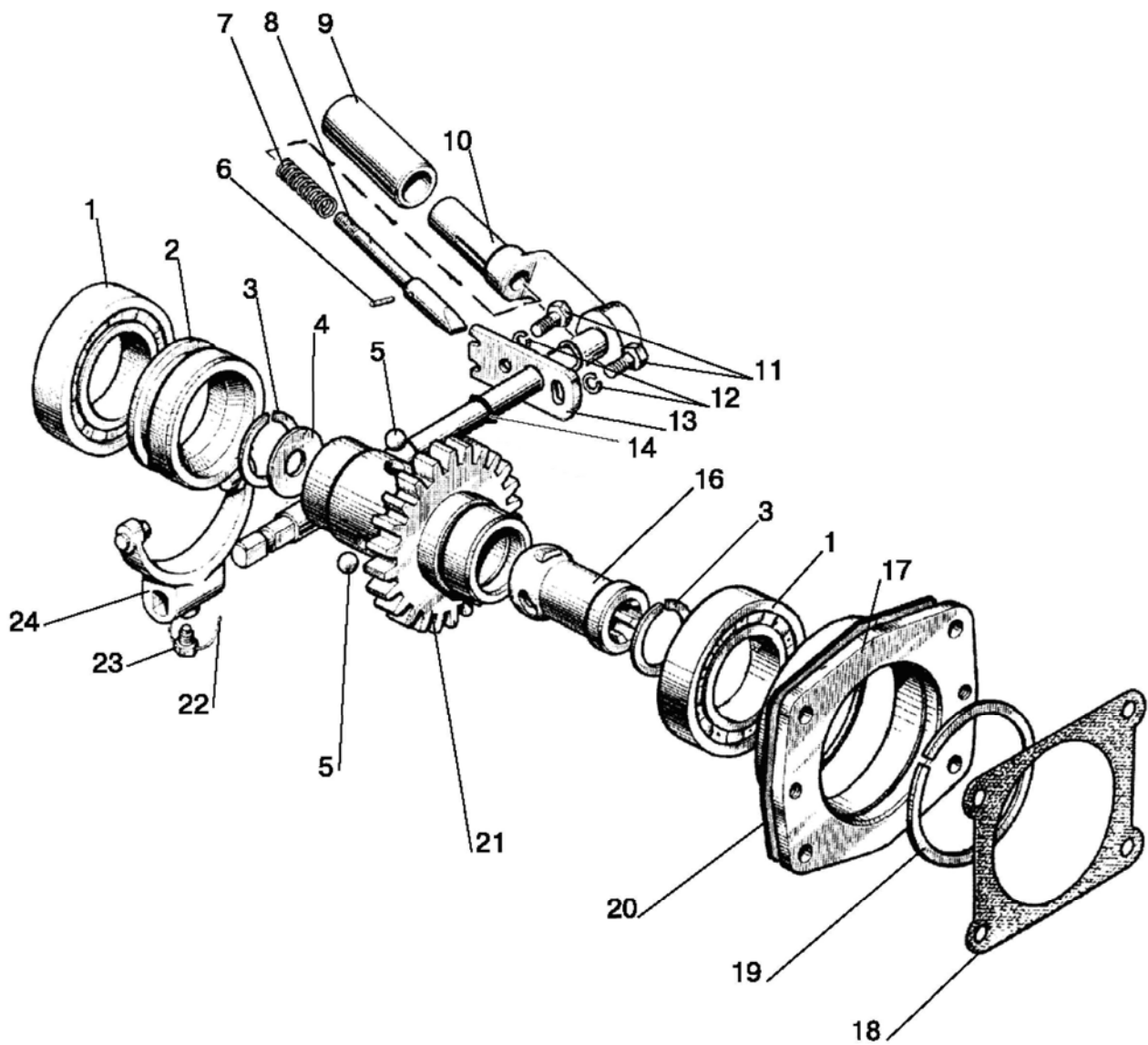


Fig.46.16. Pump drive

Group 46. Hydraulic system
Subgroup 4604. Pump drive

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.16		80-4604010	1	Pump drive (1-5, 11-14, 16-24)
		36-1022070-Б (85-4604040)	1	Handle (6-10)
	1	210 АУШ1 GOST8338-75	2	Bearing
	2	85-4604017	1	Coupling
	3	C40 ГОСТ 13943-86	2	Ring
	4	70-1108179	1	Washer
	5	11,112-100 ГОСТ 3722-81	3	Ball
	6	4C ₃ x16	1	Pin
	7	36-1022074	1	Spring
	8	36-1022073	1	Catch
	9	36-1022072	1	Cage
	10	36-1022071-Б	1	Handle
	11	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	12	8T OCT 37.001.115-75	2	Washer
	13	50-4604044	1	Plate
	14	013-017-25-1-4 ГОСТ 18829-73/9833-73	1	Ring
	16	85-4604012	1	Bush
	17	50-4604036-A	1	Cage
	18	36-1022054-A	1	Gasket
	19	2C90 ГОСТ 13941-86	1	Ring
	20	70-4604037	1	Gasket
	21	80-4604032	1	Gear
	22	1-0-C	1	Wire L=150 mm
	23	50-4604046	1	Bolt
	24	85-4604030	1	Fork

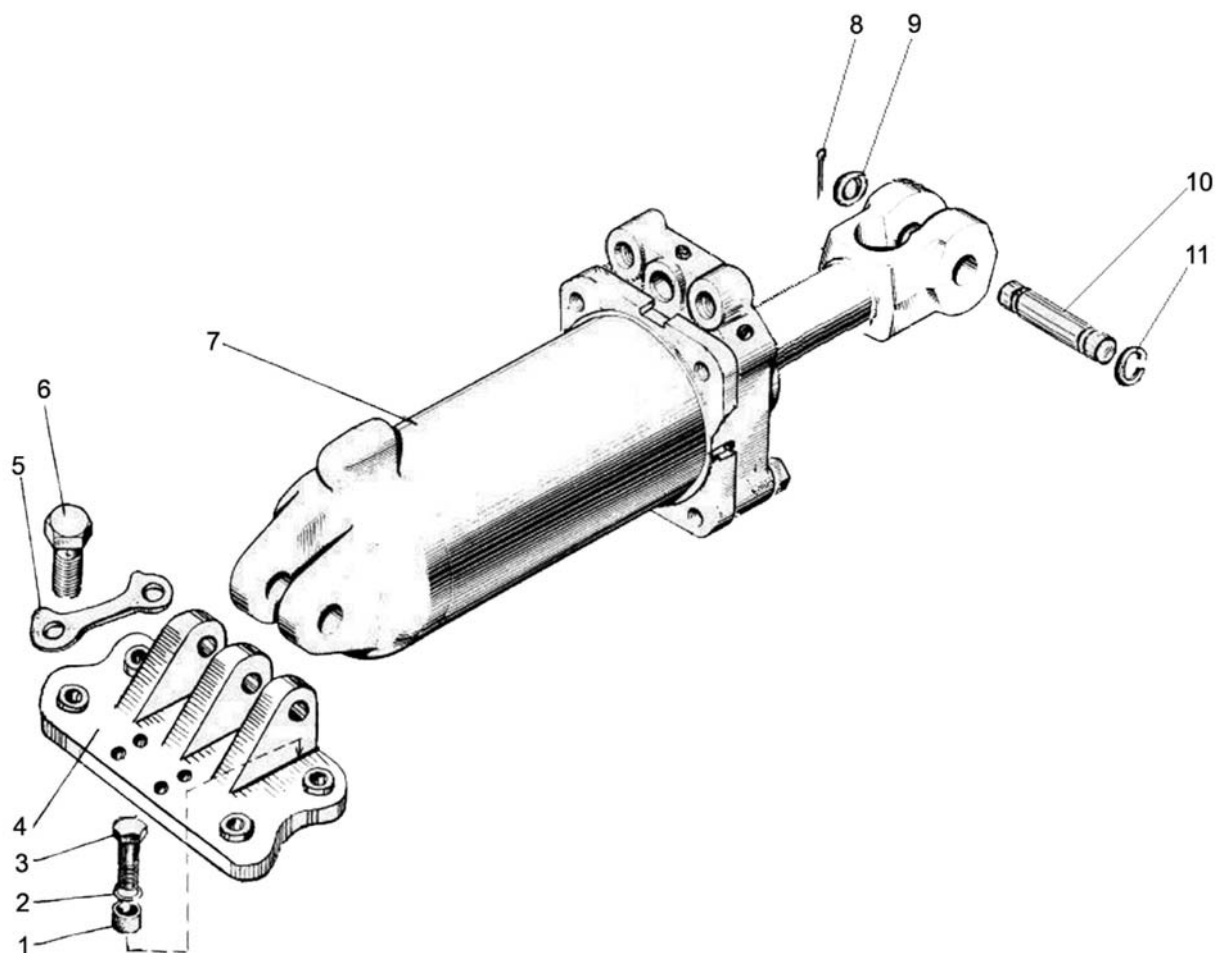


Fig.46.17. Hydraulic cylinder LQ 100x200

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.17	1	70-4605041	2	Bush
	2	C 20.01.019 ГОСТ 11371-78	2	Washer
	3	70-4605036-01	2	Bolt
	4	70-4605017-A	1	Bracket
	5	70-4605034	2	Plate
	6	70-4605036	2	Bolt
	7	Ц100x200-3	1	Hydraulic cylinder
	8	5x36.019 ГОСТ 397-79	1	Cotter pin
	9	70-4619042	1	Washer
	10	Ц90-1212037M	1	Pin
	11	50-34 06022A	1	Ring

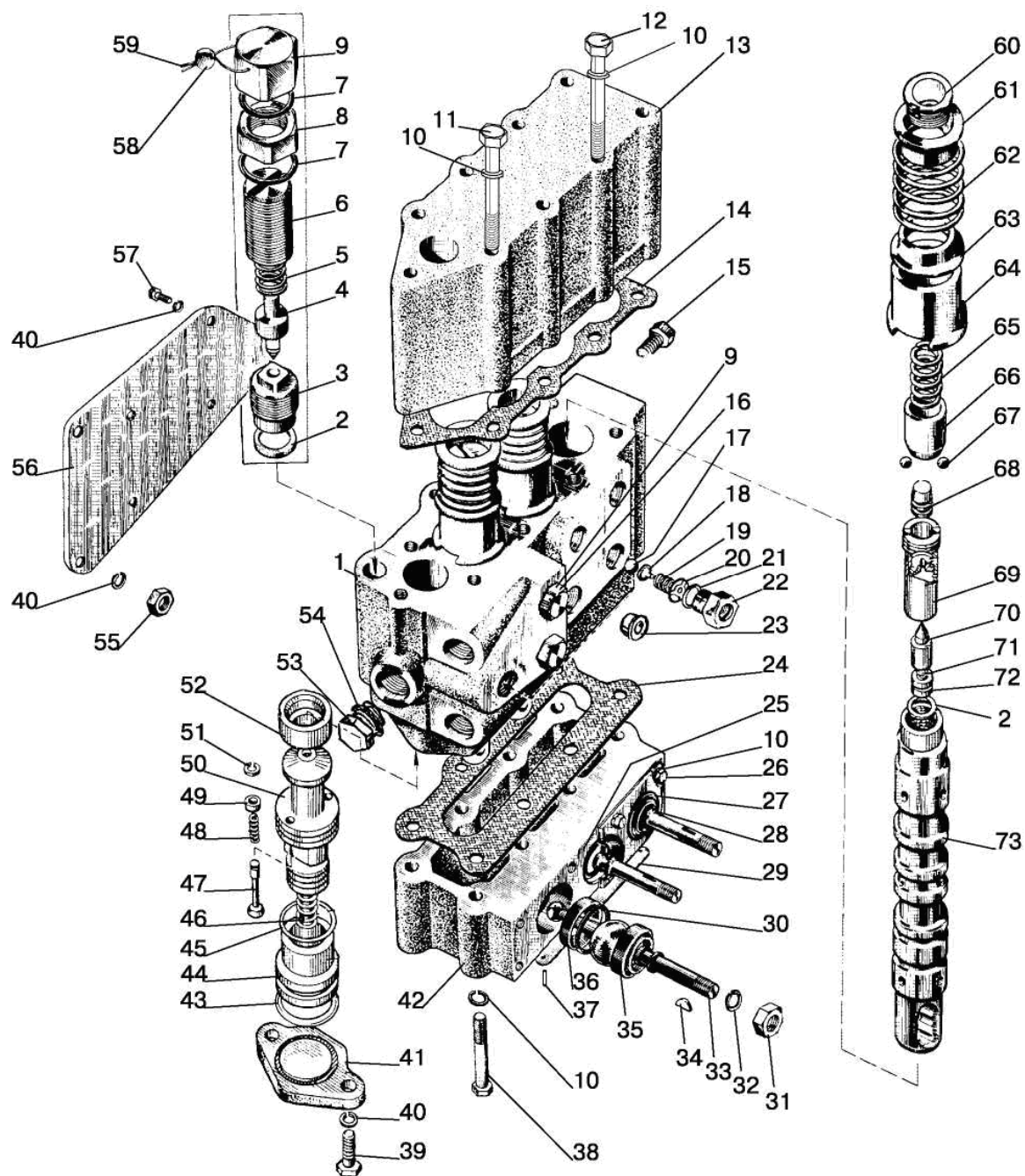


Fig.46.18. Hydraulic distributor P80-3/4-222-3Гr

Group 46. Hydraulic system
Subgroup P80-3/4-222-3 Гр. Hydraulic distributor P80-3/4-222-3 Гр

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.18		P80-3/4-222-3 Гр	1	Hydraulic distributor (1-74)
		P80-23.20.030	1	Sliding valve (60-74)
	1	P80-23.30.421-A	1	Casing
	2	P75-B-028-A	7	Gasket
	3	P80-23.20.063	1	Socket
	4	МКПВ-16/3Ф-101	1	Needle
	5	МКПВ-16/3Ф-104	1	Spring
	6	P80-049 Б	1	Adjusting screw
	7	017-022-30-2-2 ГОСТ 18829-73/9833-73	3	Ring
	8	P75-058-Б	1	Nut
	9	P75-051-Б	1	Cap
	10	8Т ОСТ 37.001.115-75	25	Washer
	11	M8-6gx110.88.35.019 ГОСТ 7796-70	3	Bolt
	12	M8-6gx100.88.35.019 ГОСТ 7796-70	6	Bolt
	13	P80-23.20.123-Б	1	Bottom cover
	14	P40/75-0808039-Б	1	Gasket
	15	КГ 1/4".A12.019 ТУ 23.1.506-91	1	Plug
	16	50-4608027-Б	4	Choke
	17	14,288-60 ГОСТ 3722-81	3	Ball
	18	P80-23.20.007	3	Guide
	19	P80-23.20.002	3	Spring
	20	P80-23.20.003	3	Washer
	21	024-028-25-1-4 ГОСТ 18829-73/9833-73	3	Ring
	22	P80-23.20.004	2	Adapter
	23	P75-090A	6	Choke (auxiliary)
	24	P75-3-038	1	Gasket
	25	P75-3-057	1	Plate of rings
	26	M8-6gx20.88.35.019 ГОСТ 7796-70	8	Bolt
	27	P75-3-055-Б	1	Dust cap plate
	28	P75-056M	3	Dust cap
	29	P80-23.20.353-Г1	1	Nameplate
	30	28.00-3,00 72 NBR 872 or OR NBR 70 02750300 ISO 3601 or 028-033-30-2-2 ГОСТ 18829-73/9833-73	3	Ring
	31	M12x1,25-6H.04.019 ГОСТ 5916-70	3	Nut
	32	12 ОТ ОСТ 37.001.115-75	3	Washer
	33	P75-054-Б	3	Lever
	34	3x6,5 ГОСТ 24071-80	3	Key
	35	P80-23.20.065	3	Ring
	36	P80-23.20.064	3	Ring
	37	2x6.01 ГОСТ 10299-80	2	Rivet
	38	M8-6gx55.88.35.019 ГОСТ 7795-70	8	Bolt
	39	M10-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	40	14 ОТ ОСТ 37.001.115-75	9	Washer
	41	P80-23.20.071.Б	1	Stop
	42	P80-23.20.022-A	1	Upper cover
	43	31,42-2,62 88 NBR 156 or 032-037-30-2-2 ГОСТ 18829-73/9833-73	1	Ring
	44	P80-23.20.073	1	Guide
	45	025-030-30-2-3 ГОСТ 18829-73/9833-73	1	Ring
	46	P75-072	1	Spring
	47	P75-B3BP-081-A	1	Valve
	48	P75-B3BP-082	1	Spring

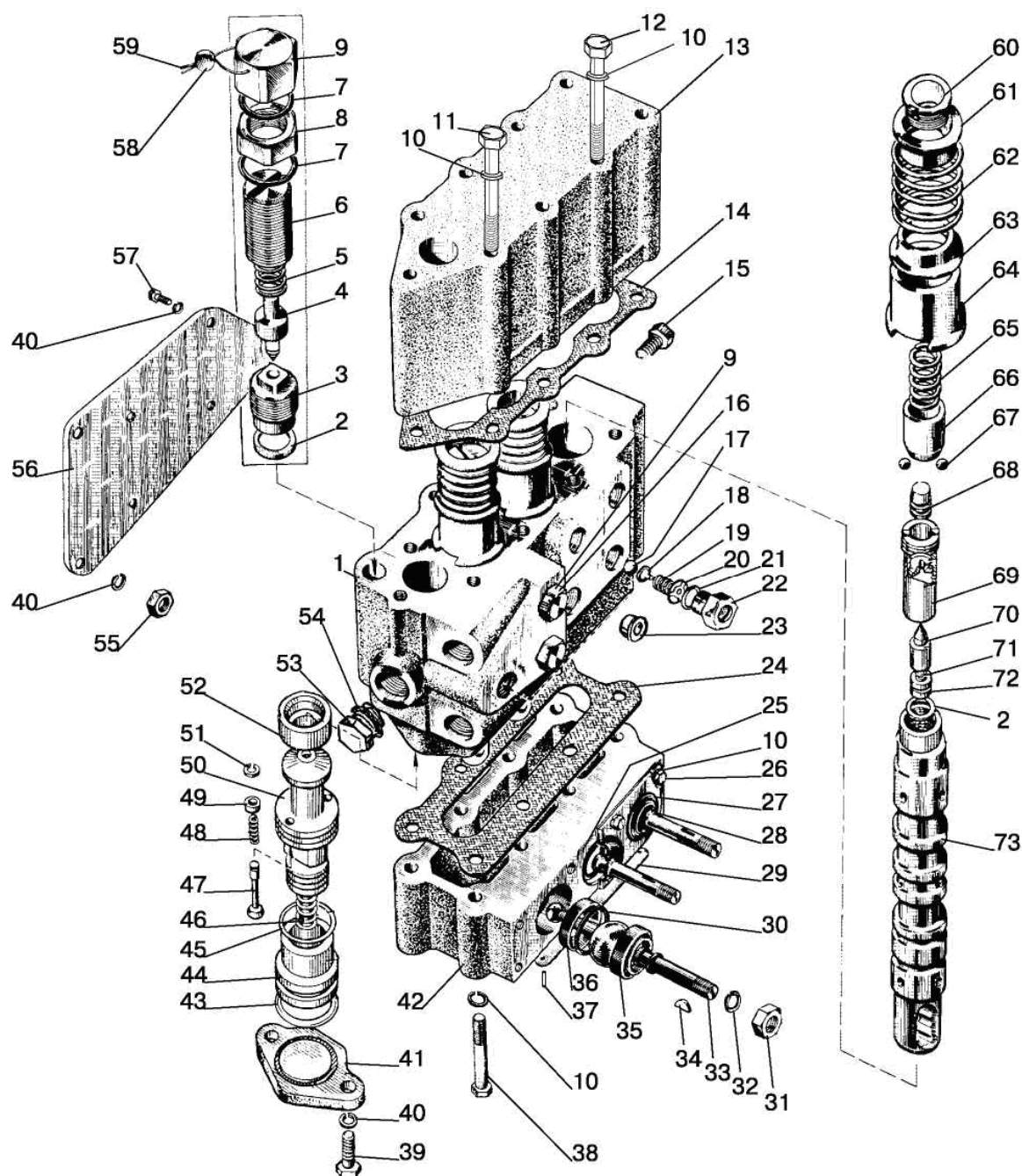


Fig.46.18. Hydraulic distributor P80-3/4-222-3Гr

Group 46. Hydraulic system
Subgroup P80-3/4-222-3Гр. Hydraulic distributor P80-3/4-222-3Гр

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.18	49	P80-23P.20.085	1	Washer
	50	P80-23P.20.084	1	Overflow valve
	51	1,6.65Г.08.1 ГОСТ 11648-75	1	Washer
	52	P80-23.20.043	1	Valve socket
	53	85-4608021-Б	1	Plug
	54	025-029-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	55	M10-6H.6.019 ГОСТ 5915-70	3	Nut
	56	50-4607032-Б	1	Bracket
	57	M10-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	58	P40/75-0808076	1	Seal
	59	0,8-II-L250 ГОСТ 3282-74	1	Wire
	60	P80-23.20.137	3	Plug
	61	P75-033	3	Lower cage
	62	P80-23.20.035	3	Spring
	63	P75-034	3	Upper cage
	64	P80-23.20.031	3	Fixture
	65	P75-B-032	3	Spring
	66	P75-B-029	3	Bush
	67	6,350-100 ГОСТ 3722-81	9	Ball
	68	P80-23.20-025	3	Booster
	69	P80.23.20.046-Б	3	Liner
	70	P80-23.20.045	3	Plunger
	71	P80-23.20.036	3	Spring
	72	P80-23.20.027	3	Socket
	73	P80-23.20.224	3	Sliding valve

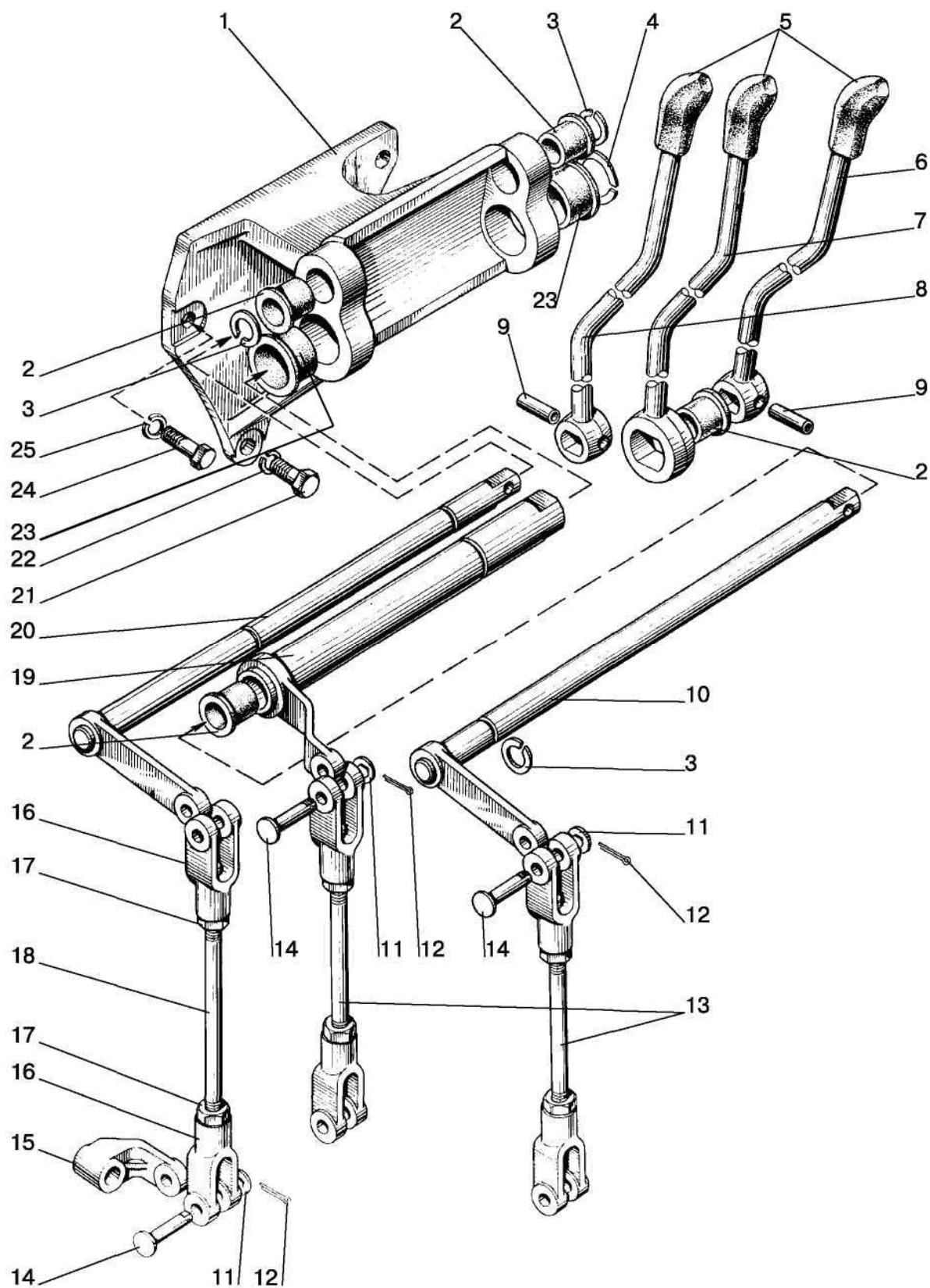
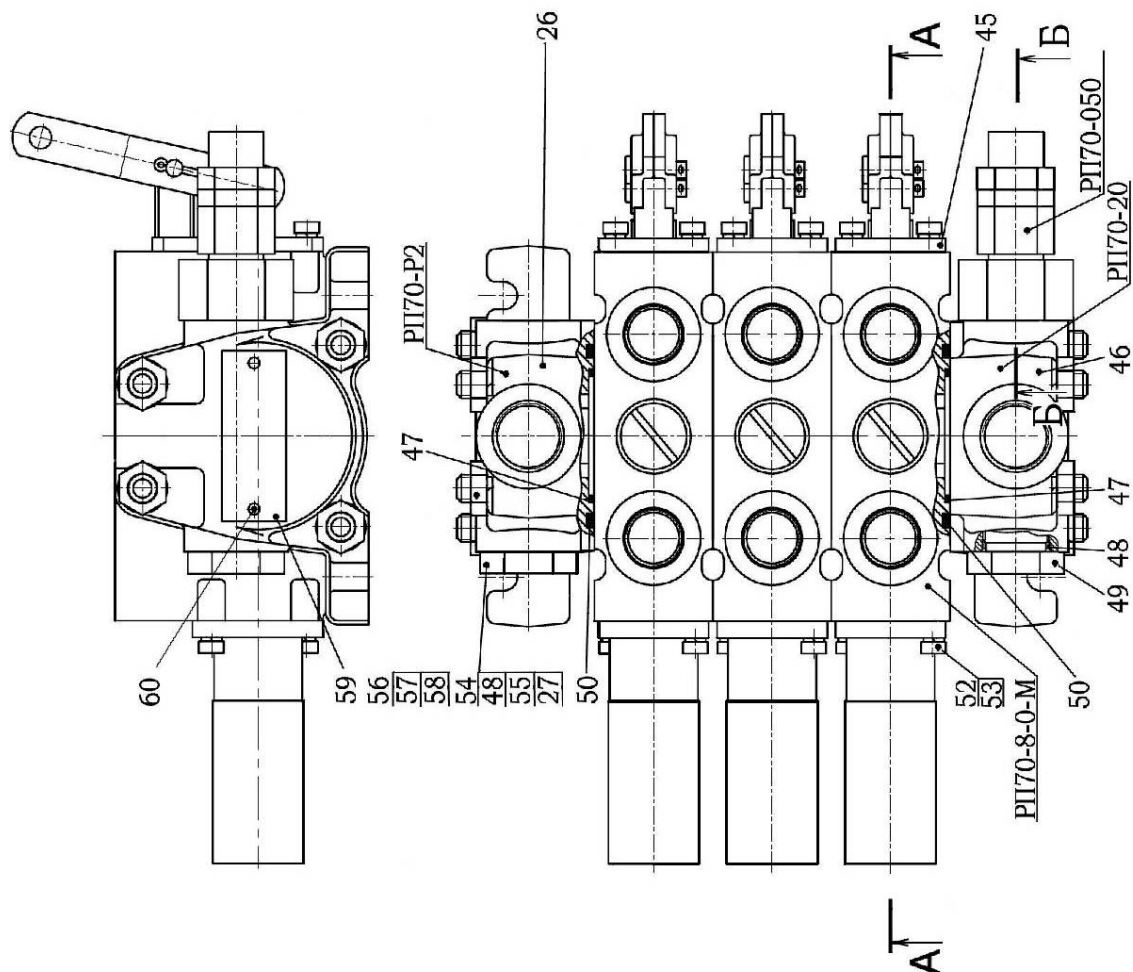
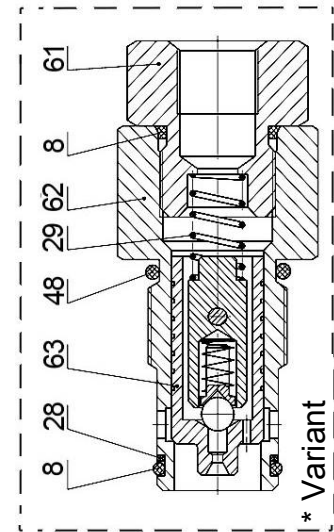
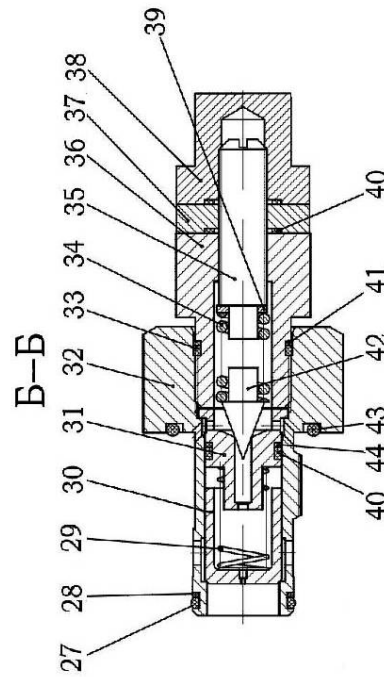


Fig.46.19. Hydraulic distributor control P80

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.19		80-4607040	1	Bracket (1-23)
		80-4607260-03	2	Rod (13, 16, 17) L=178mm
		80-4607260-04	1	Rod (16-18) L=227 mm
	1	85-4607017	1	Bracket
	2	50-4607078-A	4	Bush
	3	C18 ГОСТ 13940-86	3	Ring
	4	C32 ГОСТ 13940-86	1	Ring
	5	A61.01.014	3	Handle
	6	85-4607041-A	1	Lever
	7	85-4607042-A	1	Lever
	8	85-4607041-A-01	1	Lever
	9	A.8x30.65Г Chemical phosphate oil-impregnated coating ГОСТ 14229-93	2	Pin
	10	80-4607220	1	Shaft
	11	70-4607144	6	Washer
	12	3,2x18.019 ГОСТ 397-79	6	Cotter pin
	13	80-4607087-01	2	Rod L=102 mm
	14	A61-030-A1	6	Pin
	15	50-4607086-A	3	Lever
	16	A20.213-A	6	Fork
	17	M8-6H.6.019 ГОСТ 5915-70	6	Nut
	18	80-4607087-02	1	Rod L=148 mm
	19	80-4607230	1	Shaft
	20	80-4607250	1	Shaft
	21	M12-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	22	12 OT OCT 37.001.115-75	2	Washer
	23	50-4607079-A1	2	Bush
	24	M10-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	25	10 OT OCT 37.001.115-75	1	Washer

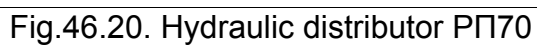


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Group 46. Remote-cylinder hydraulic system
Subgroup PП70. Hydraulic distributor PП70

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.20		PП70-888-000-MMM-20P2	1	Hydraulic distributor
		PП70-8-0-M	3	Distributor section (1-25, 45, 52, 53)
		PП70-P2	1	Cover (PП70-080, 26, 47, 50)
		PП70-20	1	Cover (PП70-050, 46, 48, 49)
		PП70-050	1	Pressure-relief valve (27-44)
		PП70-060*	1	Bypass valve (8, 28, 29, 48, 61-63)
		PП70-080	1	Choke (27, 48, 54, 55)
	1	PП70-090	1	Pipe
	2	P16.3.10.10	1	Spring
	3	PП70-026	1	Screw
	4	PП70-018-01	1	Disk
	5	PП70-033	1	Spring
	6	5,556-100 ГОСТ 3722-81	3	Ball
	8	017-020-19-2-2 ГОСТ 18829-73/9833-73	1(2*)	Ring
	9	PП70-024	1	Plug
	10	PП70-027	1	Spring
	11	PП70-023	1	Gate
	12	PП70-031	1	Ring
	13	PП70-042	2	Slat
	14	6x18 OCT 37.001.163-75	2	Pin
	15	2x40.019 ГОСТ 397-79	3	Cotter pin
	16	PП70-032	1	Ring
	17	PП70-011	1	Body
	18	PП70-013	1	Sliding valve
	19	030-034-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	20	9,525-100 ГОСТ 3722-81	1	Ball
	21	PП70-014	1	Fixture
	22	016-020-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	23	009-012-19-1-4 ГОСТ 18829-73/9833-73	1	Ring
	24	PП70-016	1	Threaded fitting
	25	PП70-018	1	Disk
	26	PП70-012	1	Cover
	27	018-021-19-2-4 GOST18829-73/9833-73	2	Ring
	28	PП70-058	1	Ring
	29	70-4609037	1	Spring
	30	PП70-052-Б	1	Valve
	31	PП70-054	1	Seat
	32	PП70-051	1	Body
	33	016-020-25-2-4 ГОСТ 18829-73/9833-73	1	Ring
	34	МКПВ-16/3Ф-103	1	Spring
	35	PП70-059	1	Screw
	36	PП70-053	1	Connecting pipe
	37	PП70-076	1	Nut
	38	PП70-057	1	Cap
	39	С 6.01.019 ГОСТ 11371-78	1	Washer
	40	013-016-19-2-2 GOST18829-73/9833-73	3	Ring
	41	PП70-058-02	1	Ring
	42	МКПВ-16/3Ф-101	1	Needle
	43	028-032-25-2-2 GOST18829-73/9833-73	1	Ring

* Variant for tractors equipped with power governor



Group 46. Remote-cylinder hydraulic system

Subgroup PП70. Hydraulic distributor PП70

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.20	44	PП70-058-01	1	Ring
	45	PП70-070	1	Bracket
	46	PП70-012-01	1	Cover
	47	036-040-25-2-2 ГОСТ 18829-73/9833-73	2	Ring
	48	021-024-19-2-4 GOST18829-73/9833-73	2(1*)	Ring
	49	PП70-036	1	Plug
	50	060-066-36-2-2 ГОСТ 18829-73/9833-73 or 60,00-3,50 SIMRIT 72 NBR 872	2	Ring
	52	B.M5-6gx12.58.019 ГОСТ 17473-80	4	Screw
	53	5T OCT 37.001.115-75	4	Washer
	54	PП70-081	1	Choke
	55	PП70-058	1	Ring
	56	PП70-037-02	4	Pin
	57	M10-6H.6.019 ГОСТ 5915-70	8	Nut
	58	10 OT OCT 37.001.115-75	8	Washer
	59	PП70-038	1	Nameplate
	60	2x6.01.10кп.05 ГОСТ 10299-80	2	Rivet
	61	PП70-062	1	Connecting pipe
	62	PП70-061	1	Body
	63	PП70-065	1	Valve

* Variant for tractors equipped with power governor

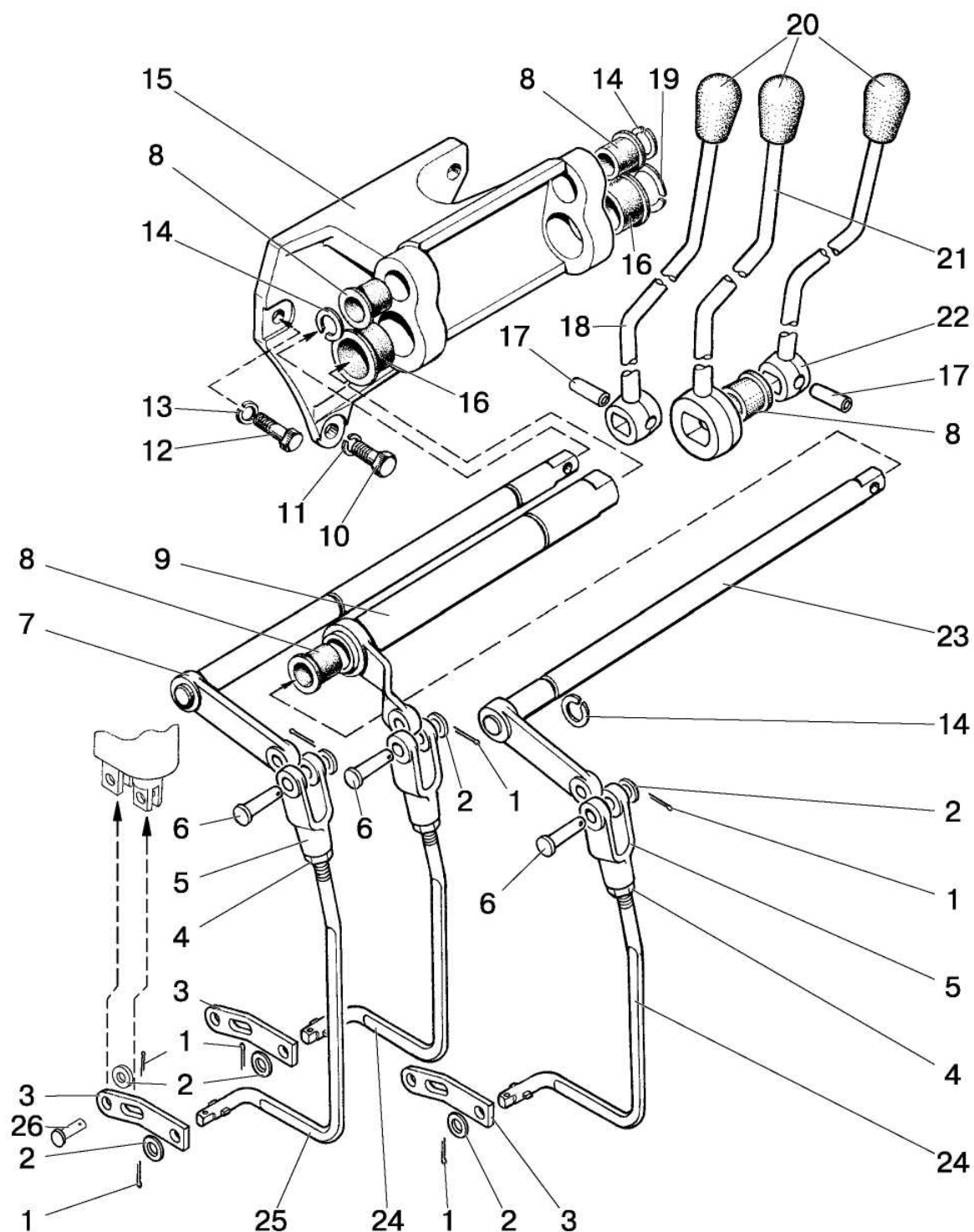


Fig.46.21. Hydraulic distributor control RS213 Mita, RS 213 Belarus, ПП 70

Group 46. Hydraulic system

Subgroup 4607. Control of the hydraulic distributor RS 213 Mita, RS 213 Belarus, ПП 70

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.21	1	3,2x18.019 ГОСТ 397-79	9	Cotter pin
	2	70-4607144	9	Washer
	3	C80-4607086	3	Lever
	4	M8-6H.6.019 ГОСТ 5915-70	3	Nut
	5	A20-213A	3	Fork
	6	A61-030-A1	3	Pin
	7	80-4607250	1	Shaft
	8	50-4607078-A	4	Bush
	9	80-4607230	1	Shaft
	10	M12-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	11	12 OT OCT 37.001.115-75	2	Washer
	12	M10-6gx35.88.35.019 ГОСТ 7796-70	1	Bolt
	13	10 OT OCT 37.001.115-75	1	Washer
	14	C18 ГОСТ 13940-86	3	Ring
	15	85-4607017	1	Bracket
	16	50-4607079-A1	2	Bush
	17	A.8x30.65Г Chemical phosphate oil-impregnated coating ГОСТ 14229-93	2	Pin
	18	C80-4607080-01	1	Lever
	19	C32 ГОСТ 13940-86	1	Ring
	20	70-3401093	3	Lever tip
	21	C80-4607090	1	Lever
	22	C80-4607080	1	Lever
	23	80-4607220	1	Shaft
	24	C80-4607261 P1221-4607261*	2	Rod
	25	C80-4607261-01 P1221-46007261-01*	1	Rod
	26	C80-4607088	3	Pin

* With the distributor ПП 70

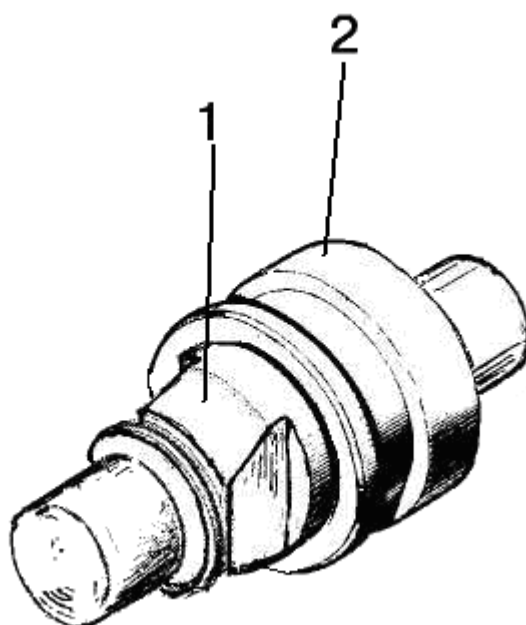


Fig.46.22. Quick-connection coupling

BELARUS _____ **900/920/950/952**

Subgroup M036.50Б. Quick-connection coupling

Fig. No.	Pos. No.	Number of the assembly unit or part	Q-ty	Description
46.22	1	M036.50Б.20 or 0.653.00 or PPV3.1320.712	1	Right casing
	2	M036.50Б.10 or 0.693.10 or PPV3.1320.703	1	Left casing

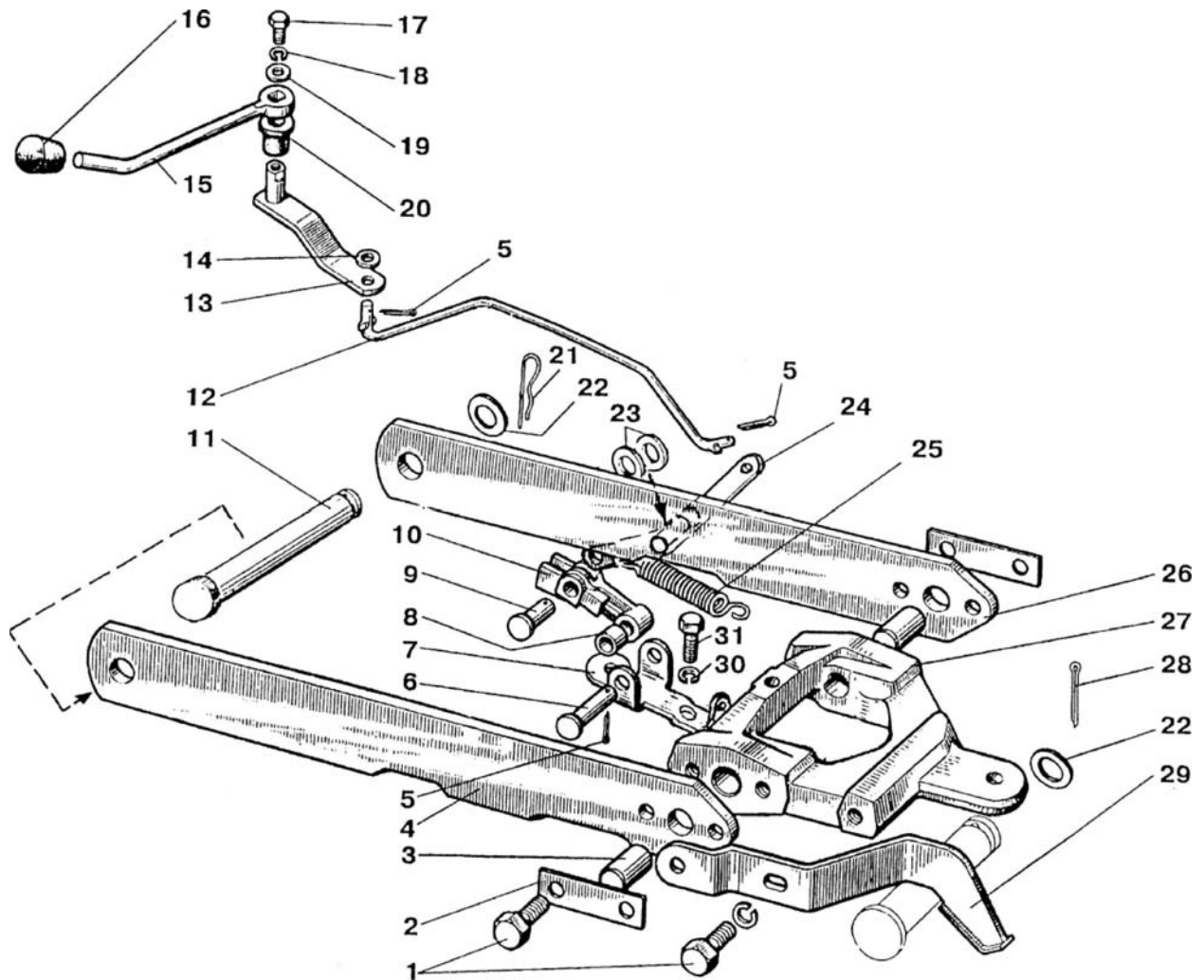


Fig. 46.23. Retention mechanism

Group 46. Hydraulic system
Subgroup 4619. Retention mechanism

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.23		80-4619110	1	Retention mechanism (1-31)
		M12-6gx30.88.35.019 ГОСТ 7796-70	5	Bolt
	2	70-4619016	2	Locking plate
	3	85-4619017-01	2	Pin
	4	80-4619012-Б-01	1	Rod
	5	3,2x18.019 ГОСТ 397-79	5	Cotter pin
	6	12x48 OCT 37.001.163-75	1	Pin
	7	70-4619033	1	Bracket
	8	50-4605069-01	1	Bush
	9	12x32 OCT 37.001.163-75	1	Pin
	10	70-4619029-Б	1	Lever
	11	80-4619019	1	Pin
	12	80-4619134	1	Rod
	13	85-4619035	1	Lever
	14	C 8.01.019 ГОСТ 11371-78	1	Washer
	15	85-4619036	1	Handle
	16	70-3401093	1	Lever tip
	17	M6-6gx14.88.35.019 ГОСТ 7798-70	1	Bolt
	18	6T OCT 37.001.115-75	1	Washer
	19	C 6.01.019 ГОСТ 6958-78	1	Washer
	20	50-4607082-A	1	Bush
	21	A61.07.001	1	Cotter pin
	22	70-4619042	2	Washer
	23	85-4619014	2	Washer S=15 mm
	24	80-4619128	1	Lever
	25	50-1310158-Б	1	Spring
	26	80-4619105	1	Rod
	27	80-4619011	1	Gripping device
	28	5x36.019 ГОСТ 397-79	1	Cotter pin
	29	80-4619020	1	Plate
	30	8T OCT 37.001.115-75	2	Washer
	31	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt

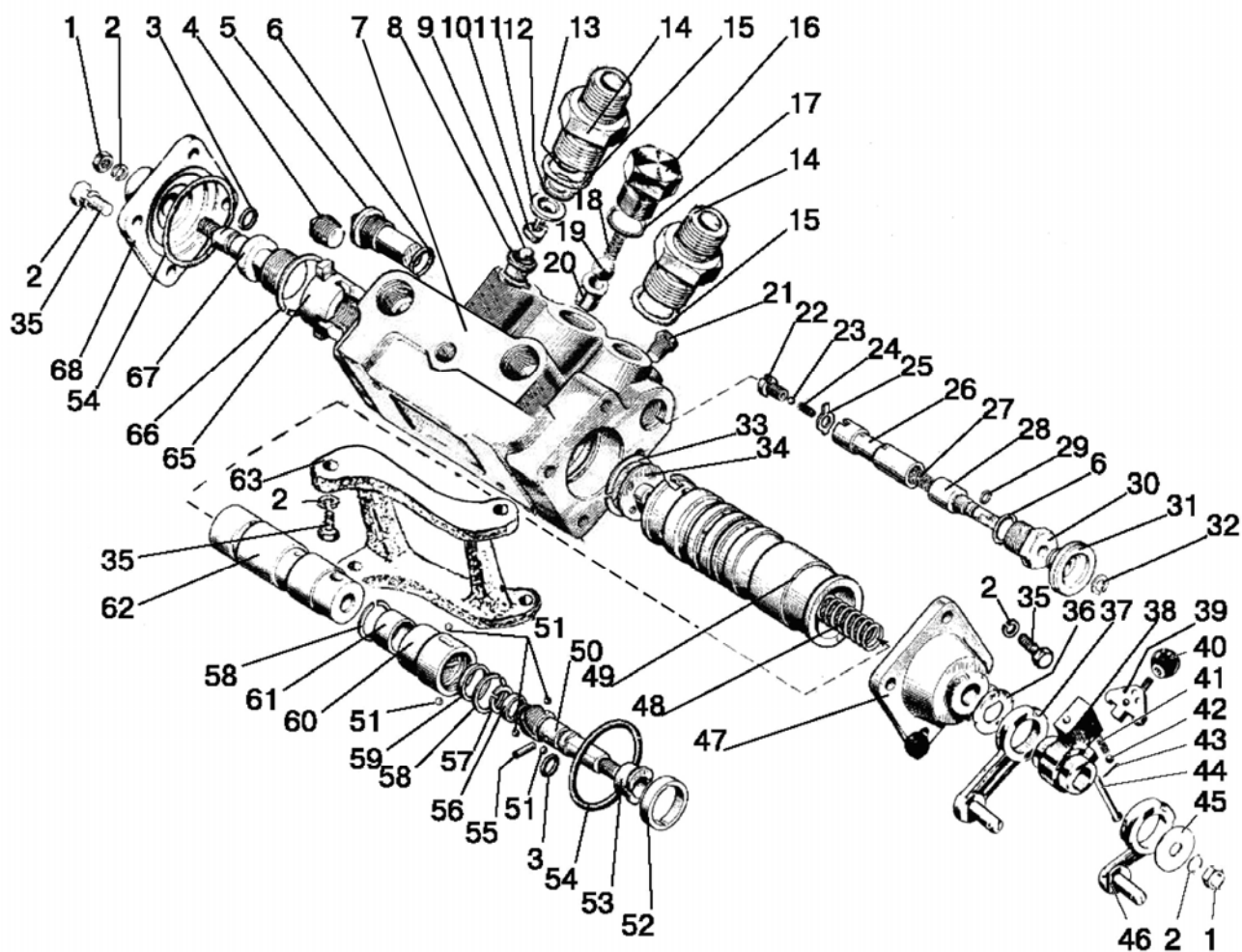


Fig. 46.24. Governor

Group 46. Hydraulic system
Subgroup 4614. Governor

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.24		80П-4614210	1	Governor with bracket (1-68)
		80-4614020	1	Governor (1-35, 47-62, 64-69)
		80-4614030	1	Liner screw (54, 68)
		80-4614040	1	Slide valve screw (50, 51, 53, 55-61)
		80-4614070	1	Plunger (22-26)
		80-4614090	1	Shutoff valve (8-13)
	1	M10-6H.6.019 ГОСТ 5915-70	2	Nut
	2	10 ОТ OCT 37.001.115-75	12	Washer
	3	011-016-30-2-4 ГОСТ 18829-73/9833-73	2	Ring
	4	КГ 1/4".A12.019	1	Plug
	5	80-4614087	1	Plug
	6	018-022-25-2-3 ГОСТ 18829-73/9833-73	4	Ring
	7	80-4614011-01	1	Body
	8	80-4614091	1	Seat
	9	7,938-100 ГОСТ 3722-81	1	Ball
	10	80-4614093	1	Guide
	11	80-4614094	1	Protective ring
	12	014-017-19-2-4 ГОСТ 18829-73/9833-73	1	Ring
	13	80-4614092	1	Spring
	14	70-1405089	2	Connecting pipe
	15	017-022-30-1-4 ГОСТ 18829-73/9833-73	2	Ring
	16	P50-4614019-Б	1	Valve body
	17	022-027-30-2-2 ГОСТ 18829-73/9833-73	1	Ring
	18	A61-072	1	Spring
	19	14,288-60 ГОСТ 3722-81	1	Ball
	20	P50-4614018	1	Seat
	21	КГ 1/8". A12.019	4	Plug
	22	80-4614085	1	Plug
	23	6,350-100 ГОСТ 3722-81	1	Ball
	24	80-4614058	1	Spring
	25	80-4614065	1	Washer
	26	80-4614064	1	Plunger
	27	80-4614086	1	Spring
	28	80-4614063	1	Screw
	29	005-008-19-1-4 ГОСТ 18829-73/9833-73	1	Ring
	30	80-4614037	1	Choke
	31	80-4614071	1	Handwheel
	32	B8 ГОСТ 13940-86	1	Ring
	33	C36 ГОСТ 13943-86	1	Ring
	34	P50-4614017	1	Washer
	35	M10-6gx20.88.35.019 ГОСТ 7796-70	12	Bolt
	36	P50-4614052	1	Washer
	37	P50-4614080-A	1	Lever
	38	P50-41614048-Б1	1	Coupling
	39	P50-4614049-Б	1	Catch
	40	P50-4614054	1	Handle
	41	P50-4614072	1	Spring
	42	5,556-60 ГОСТ 3722-81	2	Ball
	43	2x12.019 ГОСТ 397-79	1	Cotter pin
	44	P50-4614051	1	Shaft
	45	P50-4614053	1	Washer
	46	P50-4614090	1	Lever
	47	80-4614060	1	Left cover
	48	80-4614014	1	Spring
	49	80-4614012	1	Liner

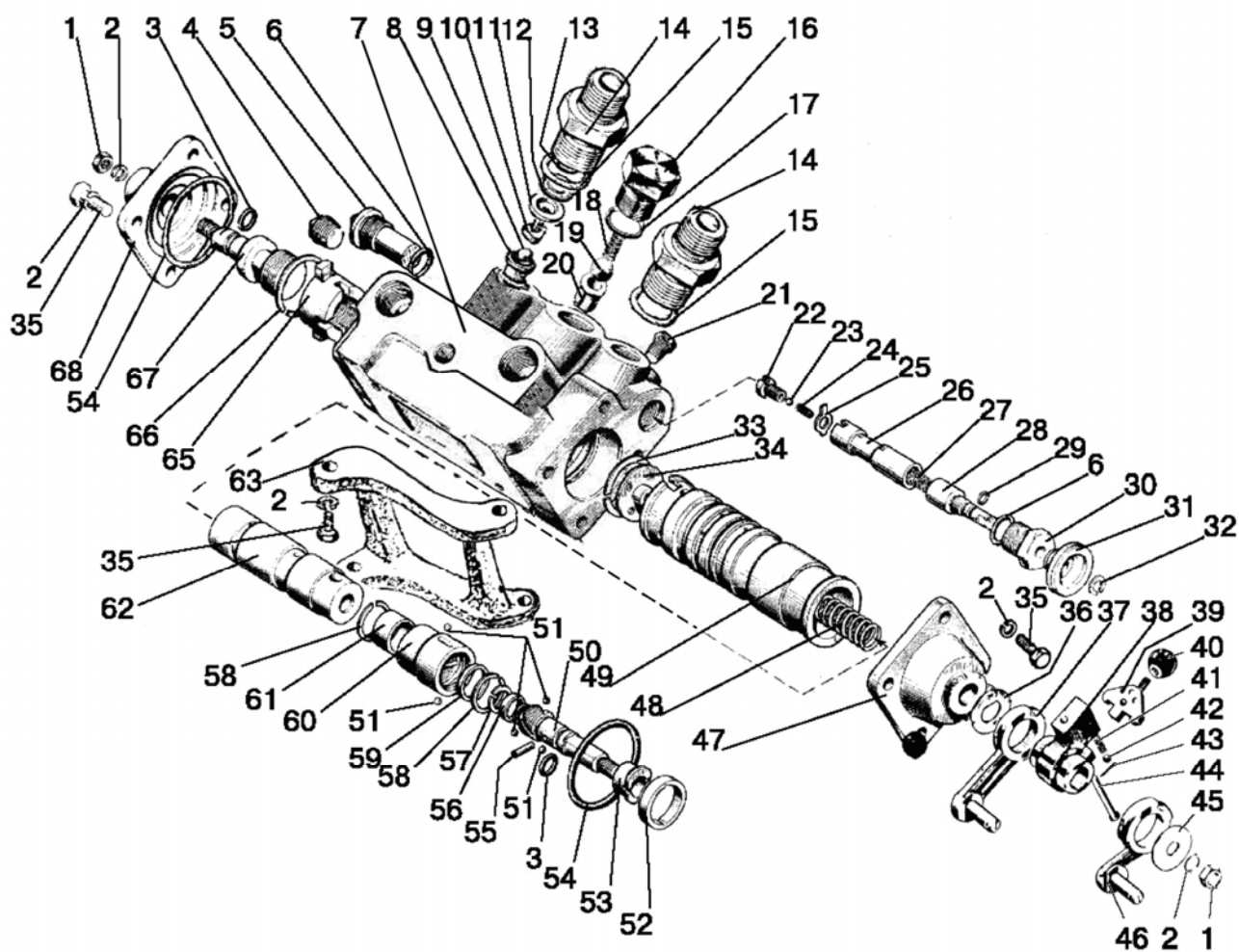


Fig. 46.24. Governor

BELARUS**900/920/950/952****Group 46. Hydraulic system****Subgroup 4614. Governor**

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.24	50	80-4614041	1	Slide valve screw
	51	3,969-100 ГОСТ 3722-81	5	Ball
	52	80-4614027	1	Washer
	53	80-4614043	1	Bush
	54	056-060-25-2-2 ГОСТ 18829-73/9833-73	2	Ring
	55	A.4x20.65Г ГОСТ 14229-93	1	Pin
	56	80-4614044	1	Washer
	57	C15 ГОСТ 13942-86	1	Ring
	58	C25 ГОСТ 13941-86	2	Ring
	59	80-4614046	1	Bush
	60	80-4614042	1	Slide valve nut
	61	80-4614045	1	Bush
	62	80-4614013	1	Sliding valve
	63	70-4614032-A	1	Bracket
	65	80-4614024	1	Liner nut
	66	C38 ГОСТ 13941-86	1	Ring
	67	80-4614022	1	Liner screw
	68	P50-4614015-Б-01	1	Right cover

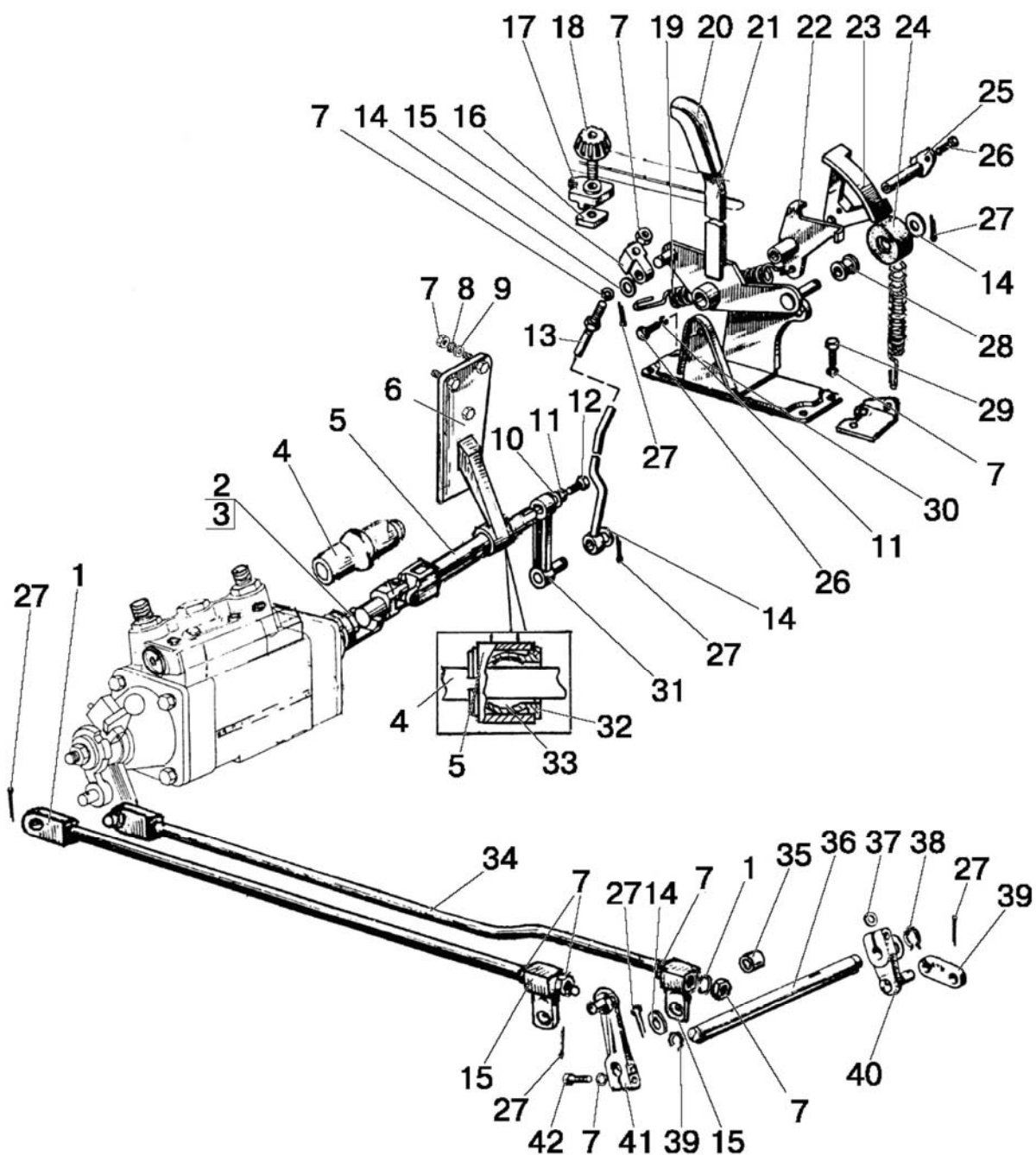


Fig.46.25. Governor control

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.25		80П-4616210	1	Governor control (without switch)
	1	70-4616140	1	Rod
	2	10 ОТ OCT 37.001.115-75	1	Washer
	3	M10-6H.6.019 ГОСТ 5915-70	1	Nut
	4	85-4616053	1	Boot
	5	80-4616050-B	1	Shaft
	6	80B-4616050	1	Bracket
	7	M8-6H.6.019 ГОСТ 5915-70	9	Nut
	8	8T OCT 37.001.115-75	10	Washer
	9	C 8.01.016 ГОСТ 11371-78	7	Washer
	10	C 6.01.016 ГОСТ 11371-78	1	Washer
	11	6T OCT 37.001.115-75	4	Washer
	12	M6-6gx12.88.35.019 ГОСТ 7798-70	1	Bolt
	13	80-4616044-B	1	Rod
	14	C 10.01.016 ГОСТ 11371-78	2	Washer
	15	80-4616051	3	Slider
	16	M6-6H.6.019 ГОСТ 5915-70	1	Nut
	17	80-4616034	1	Stop
	18	80-4616070	1	Screw
	19	50-1605152	1	Spring
	20	A13.17.000	1	Handle
	21	80-4616020-B	1	Lever
	22	80-4616035	1	Lever
	23	85-4616090-B1	1	Sector
	24	80-4616017	1	Roller
	25	80-4616155	1	Pin
	26	M6-6gx14.88.35.019 ГОСТ 7798-70	3	Bolt
	27	3,2x18.019 ГОСТ 397-79	8	Cotter pin
	28	80-4616016	1	Bush
	29	M8-6gx16.88.35.019 ГОСТ 7796-70	4	Bolt
	30	80-4616150	1	Bracket
	31	80B-4616040	1	Lever
	32	80B-4616023	1	Bush
	33	80B-4616022	1	Sphere
	34	70-4616150	1	Rod
	35	70-8405114	1	Bush
	36	70-4616051	1	Roller
	37	P50-4616053	2	Key
	38	C15 ГОСТ 13942-86	2	Ring
	39	P50-4616054	1	Plate
	40	P50-4616130-B	1	Lever
	41	70-4616110	1	Lever
	42	M8-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt

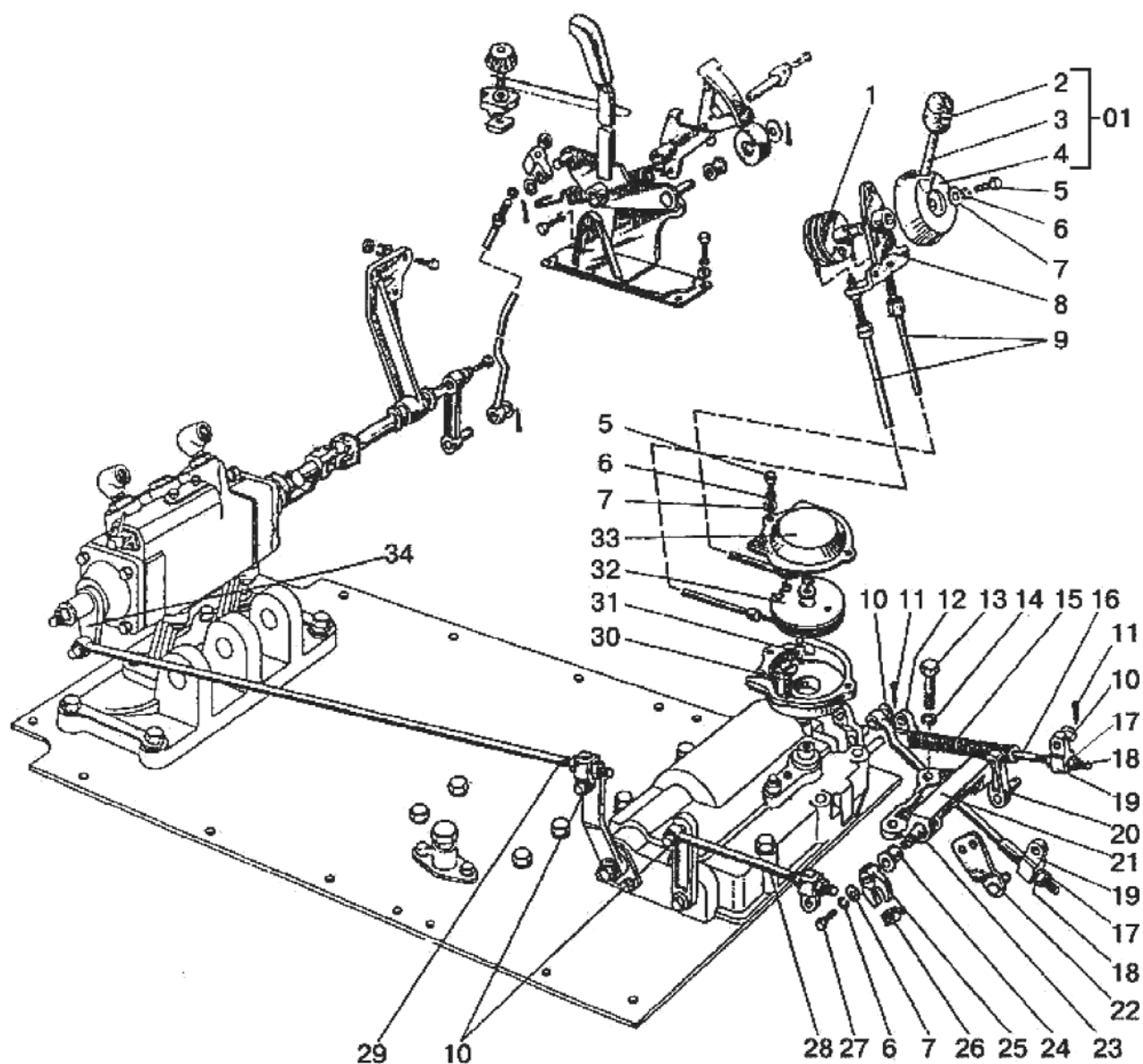


Fig.46.26. Governor control (Hydraulic mounted system with combined adjustment)

Group 46. Hydraulic system
Subgroup 4616. Governor control
(Hydraulic mounted system with combined adjustment)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.26		80-4616210		Governor control
	01	80-4616140	1	Handle (2-4)
	1	80-4616095-B	1	Pulley
	2	A13.11.000	1	Handle
	3	80-4616048	1	Pin
	4	80-4616041	1	Flywheel
	5	B.M6-6gx12.58.019 ГОСТ 17473-80	1	Screw
	6	6T OCT 37.001.115-75	5	Washer
	7	C 6.01.016 ГОСТ 11371-78	5	Washer
	8	80-4616115-B	1	Bracket
	9	85-4616125-B	2	Cable
	10	C 10.01.016 ГОСТ 11371-78	8	Washer
	11	3,2x18.019 ГОСТ 397-79	13	Cotter pin
	12	80-4616075	2	Slider
	13	M12-6gx75.88.35.019 ГОСТ 7795-70	2	Bolt
	14	12 OT OCT 37.001.115-75	4	Washer
	15	80-4616046-B	1	Spring
	16	80-4616090-B	1	Rod
	17	C 8.01.019 ГОСТ 11371-78	9	Washer
	18	M8-6H.6.019 ГОСТ 5915-70	3	Nut
	19	80-4616051	3	Slider
	20	80-4616040	1	Lever
	21	80-4616057	1	Bracket
	22	80-4616080	1	Lever
	23	80-4616059	1	Shaft
	24	50-4607082-A	4	Bush
	25	80-4616061	1	Lever
	26	80-4616072	1	Block
	27	M8-6gx14.88.35.019 ГОСТ 7796-70	3	Bolt
	28	80-4616065	1	Rod
	29	80-4616065-01	1	Rod
	30	M6-6gx12.88.35.019 ГОСТ 7798-70	1	Screw
	31	80-4616068	1	Casing
	32	80-4616069	1	Pulley
	33	80-4616071	1	Cover
	34	85-4614130	1	Lever

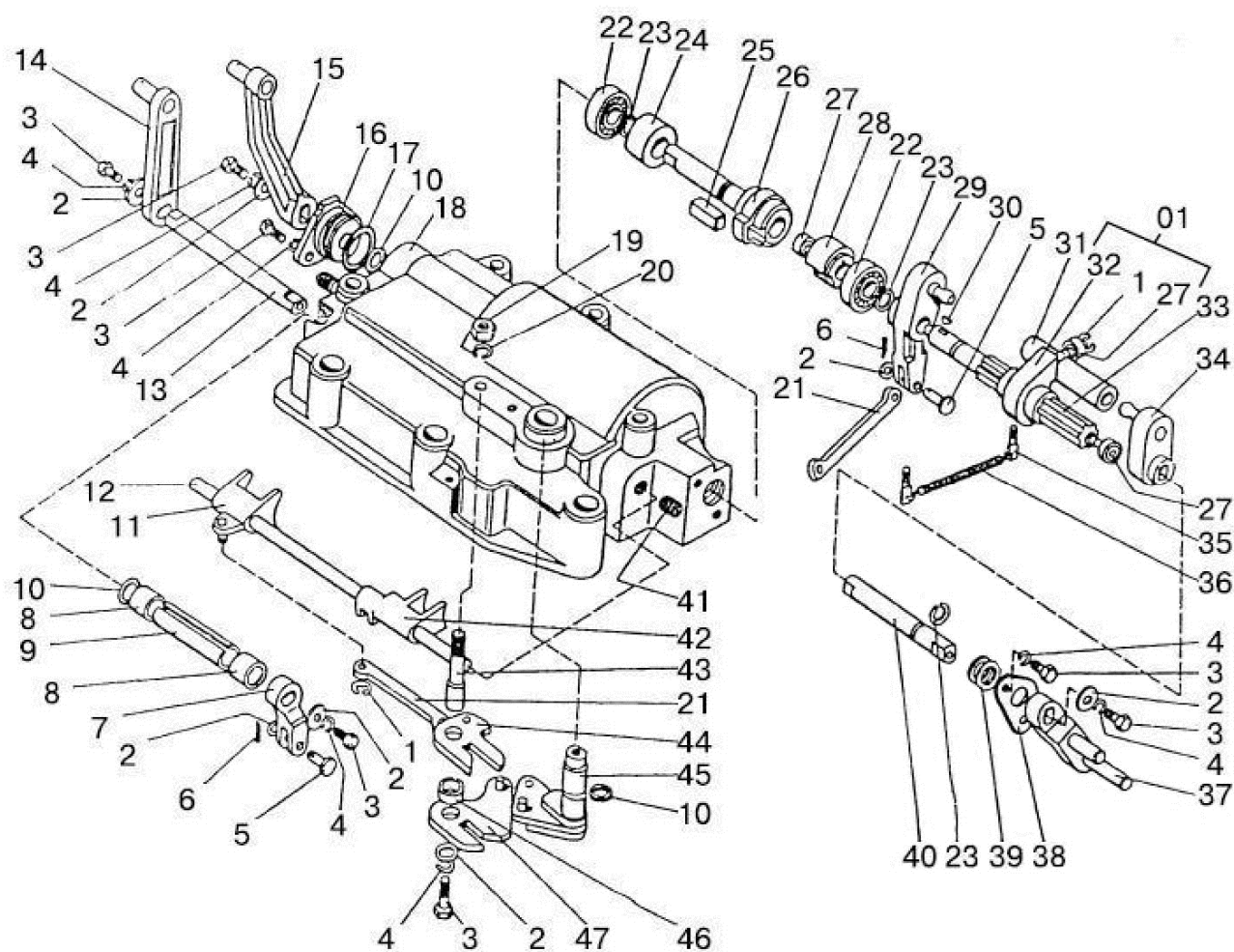


Fig.46.27. Switch (Hydraulic mounted system with combined adjustment)

Group 46. Hydraulic system

Subgroup 4616. Switch

(Hydraulic mounted system with combined adjustment)

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.27		80-4618005	1	Switch (1-47)
	01	80-4618025	1	Stop (1,27,32)
	1	80-4618014	2	Washer
	2	C 6.01.019 ГОСТ 11371-78	9	Washer
	3	M6-6gx12.88.35.019 ГОСТ 7798-70	9	Bolt
	4	6T OCT 37.001.115-75	9	Washer
	5	6x18 OCT 37.001.163-75	2	Pin
	6	2x12.019 ГОСТ 397-79	2	Cotter pin
	7	80-4618051	1	Lever
	8	941/12 ГОСТ 4060-78	2	Bearing
	9	80-4618061	1	Bush
	10	012-015-19-2-4 ГОСТ 18829-73/9833-73	3	Ring
	11	80-4618055	1	Fork
	12	80-4618037	1	Roller
	13	80-4618052	1	Shaft
	14	80-4618060	1	Lever
	15	80-4618065	1	Lever
	16	80-4618041	1	Cover
	17	024-028-25-2-4 ГОСТ 18829-73/9833-73	3	Ring
	18	80-4618011	1	Casing
	19	M8-6H.6.019 ГОСТ 5915-70	1	Nut
	20	8T OCT 37.001.115-75	1	Washer
	21	80-4618042	2	Plate
	22	101 ГОСТ 8338-75	1	Bearing
	23	C12 ГОСТ 13940-86	1	Ring
	24	80-4618064	1	Bush
	25	80-4618036	1	Key
	26	80-4618032	1	Clutch
	27	1000095 ГОСТ 8338-75	2	Bearing
	28	80-4618019	1	Stop
	29	80-4618030	1	Lever
	30	3x5 ГОСТ 24071-97	1	Key
	31	80-4618034	1	Rocking arm
	32	80-4618013	2	Stop
	33	80-4618018	1	Roller
	34	80-4618035	1	Lever
	35	80-4618047	1	Screw
	36	80-4618062	1	Spring
	37	80-4618070	1	Lever
	38	80-4618046	1	Cover
	39	80-4618044	4	Gasket
	40	80-4618063	1	Roller
	41	72-2308100	2	Screw
	42	80-4618038	1	Fork
	43	80-4618039-A	1	Pin
	44	80-4618050	1	Lever
	45	80-4618040	1	Lever
	46	80-4618054	1	Bush
	47	80-4618045	1	Lever

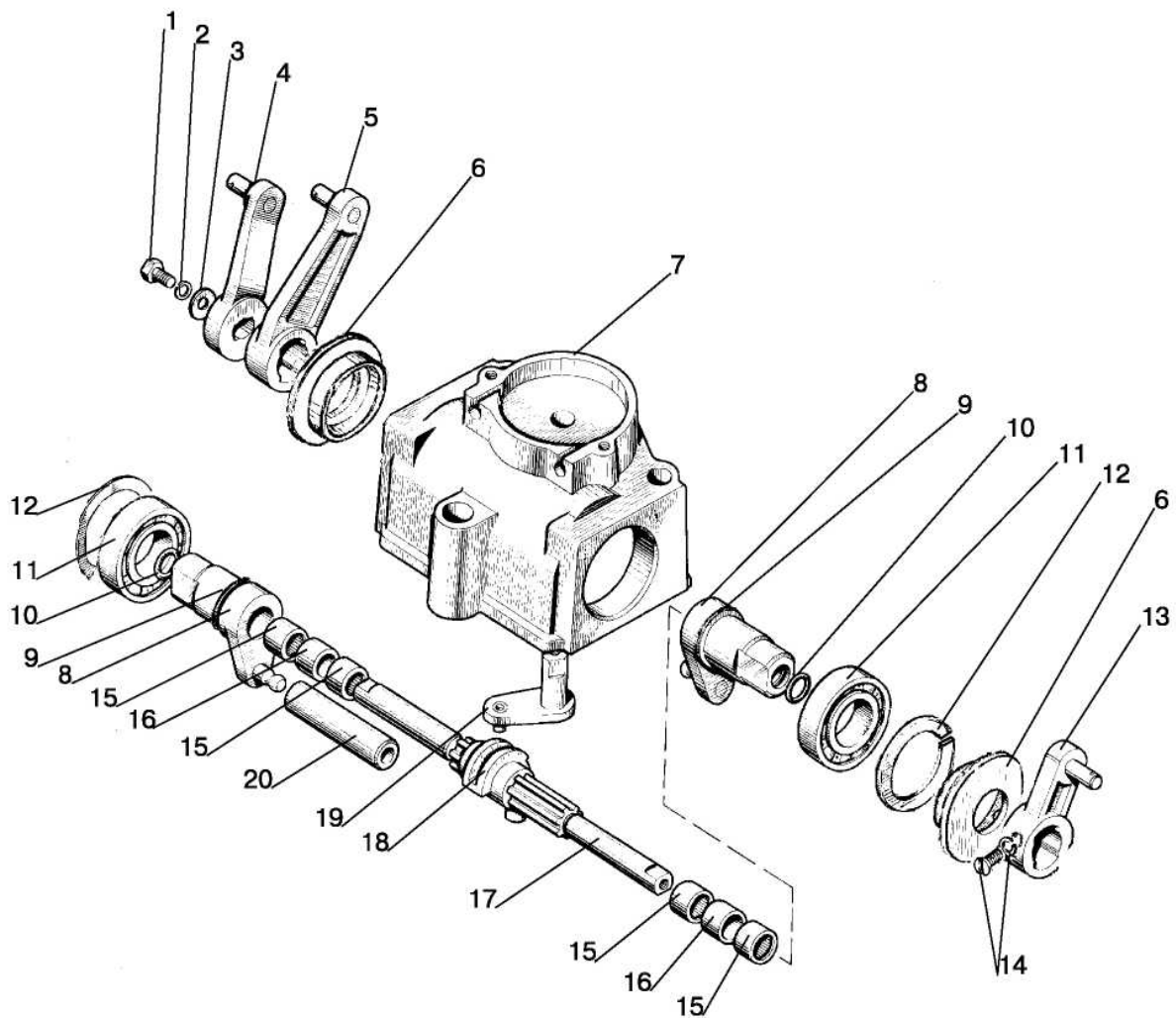


Fig.46.28. Mixer

Group 46. Hydraulic system
Subgroup 4618. Mixer

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.28		85-4618010	1	Mixer (6-12, 15-20)
		85-4618050	1	Mixer (1-20)
	1	M6-6gx12.88.35.019 ГОСТ 7798-70	1	Bolt
	2	6T OCT 37.001.115-75	1	Washer
	3	C 6.01.019 ГОСТ 6958-78	1	Washer
	4	85-4618040	1	Lever
	5	85-4618035	1	Lever
	6	85-4618012	2	Cover
	7	85-4618011	1	Casing
	8	85-4618025	2	Lever
	9	80-4618044	2	Gasket
	10	012-016-25-2-2 ГОСТ 18829-73/9833-73	2	Ring
	11	60105(80105) ГОСТ 7242-81	2	Bearing
	12	C47 ГОСТ 13943-86	2	Ring
	13	85-4618045	1	Lever
	14	B.M5-6gx10.58.019 ГОСТ 17473-80	1	Screw
		5T OCT 37.001.115-75	1	Washer
	15	941/12 ГОСТ 4060-78	4	Bearing
	16	85-4618014	2	Bush
	17	85-4618013	1	Roller
	18	85-4618021	1	Stop
	19	85-4618020	1	Lever
	20	80-4618034	1	Rocking arm

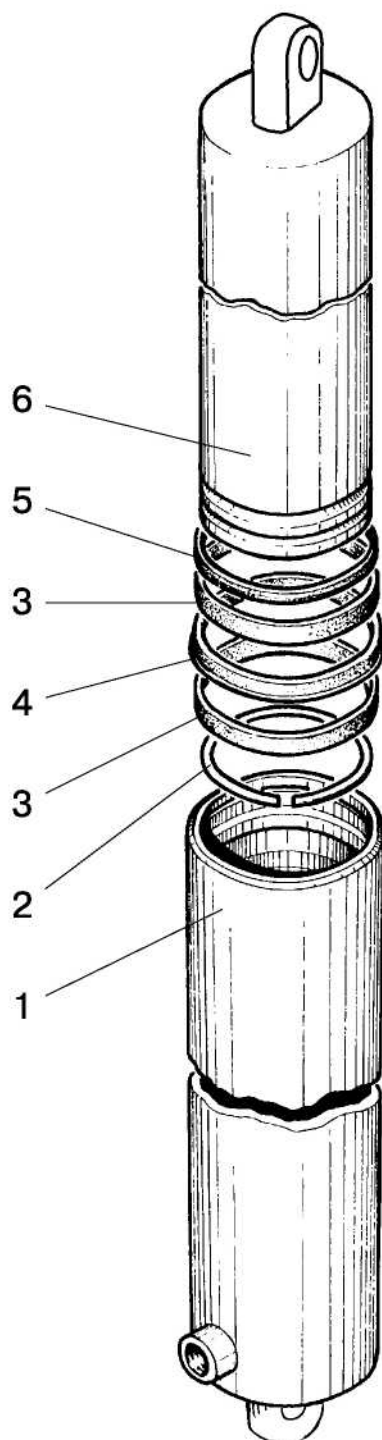


Fig.46.29. Hydraulic lift cylinder

Subgroup 4625. Hydraulic lift cylinder

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.29		820-4625010-B or (820E-4625010-B)	1	Cylinder assembly (1-6)
	1	820-4625020 (820E-4625020)	1	Cylinder
	2	820-4625015 (820E-4625015)	1	Locking ring
	3	DFI 80-85-9,5 Simrit PF48	2	Guide ring
	4	NI300 80-90-12 T94AU925	1	Cuff
	5	AUASOB 80-90-6,1-8,3 T94AU925	1	Scraper
	6	820-4625014-B (820E-4625014-B)	1	Plunger
		820H-4625010-B	1	Cylinder assembly (1-6)
	1	820H-4625020	1	Cylinder
	2	820H-4625015	1	Ring
	3	GR6900800-Z61	2	Guide
	4	LI-CUP RU 2300800 WUAQ3	1	Cuff
	5	DA22 WD-2200800 WUAQ3	1	Scraper
	6	820H-4625014-B	1	Plunger

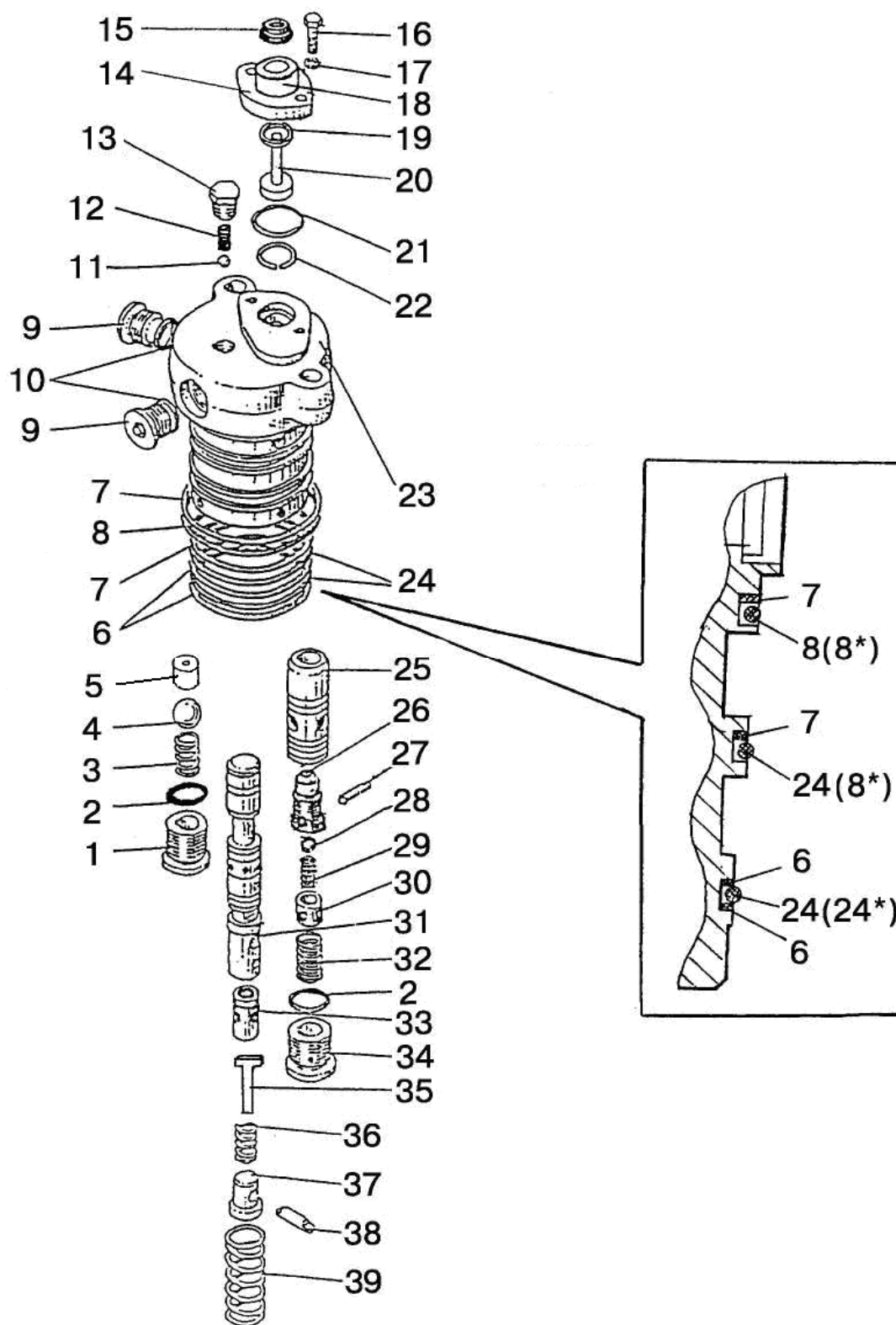


Fig.46.30. Hydraulic lift distributor

Subgroup 4634. Hydraulic lift distributor

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.30		820-4634010	1	Distributor
		820-4634020A	1	Valve (25-30)
	1	820-4634021	1	Plug
	2	017-020-19-2-6 ГОСТ 18829-73/9833-73 or 17,00-2,00 SIMRIT 72 NBR 872	2	Ring
			2	Ring
	3	A61-072	1	Spring
	4	14,288-60 ГОСТ 3722-81	1	Ball
	5	820-4634017	1	Seat
	6	820-4634025A	2	Ring
	7	820-4634025-A-01	2	Ring
	8	068-072-25-2-6 ГОСТ 18829-73/9833-73 or 65,00-2.50 SIMRIT 72 NBR 872	2	Ring
			2	Ring
	9	820-4634022	2	Plug
	10	013-016-19-2-6 ГОСТ 18829-73/9833-73 or 13,00-2,00 SIMRIT 72 NBR 872	2	Ring
			2	Ring
	11	6,350-100 ГОСТ 3722-81	1	Ball
	12	80-4614058	1	Spring
	13	КГ 1/8". A12.019 ТУ 23.1.506-91	1	Plug
	14	820-4634013-Б	1	Cover
	15	2-10 ГОСТ 24811-81	1	Scraper
	16	M6-6gx16.88.35.019 ГОСТ 7798-70	2	Bolt
	17	6T OCT 37.001.115-75	2	Washer
	18	820-4634039	1	Bush
	19	010-014-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	20	820-4634038	1	Tappet
	21	021-024-19-2-6 ГОСТ 18829-73/9833-73 or 21,00-2,00 SIMRIT 72 NBR 872	1	Ring
			1	Ring
	22	820-4634036	1	Locking ring
	23	820-46340111	1	Body
	24	064-068-25-2-6 ГОСТ 18829-73/9833-73 or 63,00-2.50 SIMRIT 72 NBR 872	2	Ring
			1	Ring
	25	820-4634014	1	Valve
	26	820-4634018-Б	1	Seat
	27	2.3x14 ГОСТ 3128-70	1	Pin
	28	5,556-60 ГОСТ 3722-81	1	Ball
	29	P75-B3BP-082	1	Spring
	30	820-4634033	1	Stop
	31	820-4634012	1	Sliding valve
	32	820-4634024	1	Spring
	33	820-4634026-Б	1	Valve
	34	820-4634019	1	Plug
	35	820-4634037	1	Stop
	36	820-4634028	1	Spring
	37	820-4634029	1	Stop
	38	820-4634027	1	Pin
	39	820-4634016	1	Spring

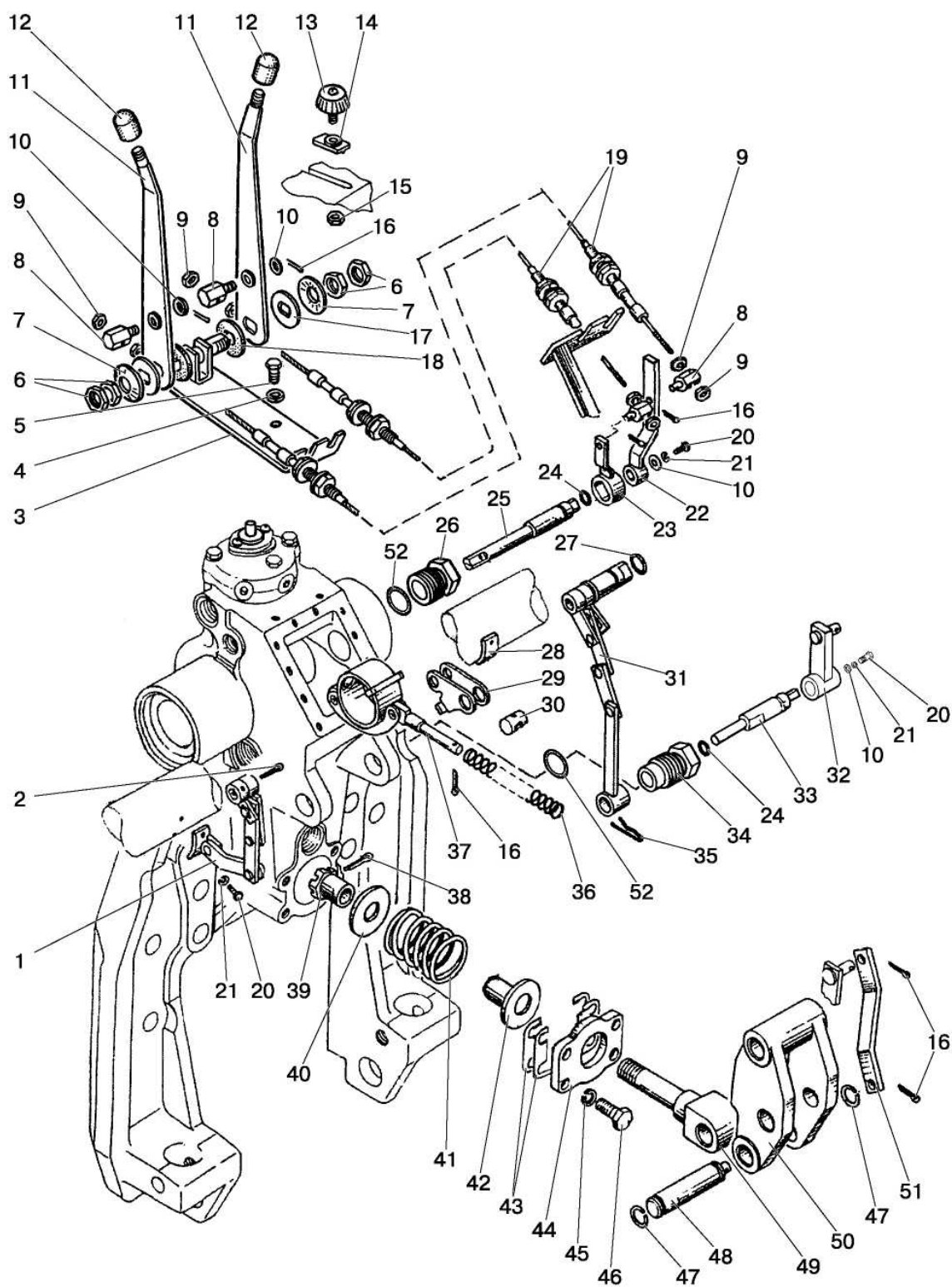


Fig.46.31. Hydraulic lift control

Subgroup 4635. Hydraulic lift control

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.31		820-4635020A	1	Force sensor (38-42, 44, 49)
		820-4635060	1	Adder stage (16, 29, 30, 36, 37)
		820-4635090-B	1	Bracket (3, 6, 7, 11, 17)
	1	820-4635025	1	Link
	2	3,2x25.019 ГОСТ 397-79	1	Cotter pin
	3	820-4635095-B	1	Bracket
	4	8T OCT 37.001.115-75	4	Washer
	5	M8-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	6	M14x1,5-6H.6.019 ГОСТ 5915-70	4	Nut
	7	80B-1108347	2	Disk spring
	8	80B-1108317	4	Boss
	9	M6-6H.6.019 ГОСТ 5915-70	8	Nut
	10	C 6.01.019 ГОСТ 6958-78	4	Washer
	11	820-4635100-B	2	Lever
	12	A13.11.000	2	Handle
	13	80-4616070	1	Screw
	14	820-4635082	1	Stop
	15	M6-6H.019 ТУ 23.1.505-91	1	Nut
	16	3,2x18.019 ГОСТ 397-79	7	Cotter pin
	17	80-1108028	2	Washer
	18	80-1108178	2	Friction washer
	19	Morse 900 or 23.588.1.1.2.00.01-01	2	Cable
	20	M6-6gx16.88.35.019 ГОСТ 7798-70	6	Bolt
	21	6T OCT 37.001.115-75	6	Washer
	22	820-4635080	1	Lever
	23	820-4635075	1	Lever
	24	011-015-25-2-4 ГОСТ 18829-73/9833-73	2	Ring
	25	820-4635034	1	Roller
	26	820-4635033-B	1	Bush
	27	019-023-25-2-4 ГОСТ 18829-73/9833-73	1	Ring
	28	820-4635046	1	Cramp
	29	820-4635070	1	Lever
	30	820-4635069	1	Catch
	31	820-4635030	1	Link
	32	820-4635015-B	1	Lever
	33	820-4635016-B	1	Roller
	34	820-4635032-B	1	Bush
	35	820-4635049	1	Cotter pin
	36	820-4635063	1	Spring
	37	820-4635065	1	Bracket
	38	4x22.019 ГОСТ 397-79	1	Cotter pin
	39	820-4635024	1	Nut
	40	820-4635023	1	Washer
	41	820-4635022	1	Spring
	42	820-4635026-B	1	Bush
	43	820-4635044-B	4	Gasket
	44	820-4635043-B	1	Cover
	45	12 OT OCT 37.001.115-75	4	Washer
	46	M12-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	47	C22 ГОСТ 13940-86	2	Ring
	48	820-4635018	1	Pin
	49	820-4635021	1	Rod
	50	820-4635019	1	Shackle
	51	820-4635048	1	Rod
	52	027-032-30-1-4 ГОСТ 18829-73/9833-73	2	Ring

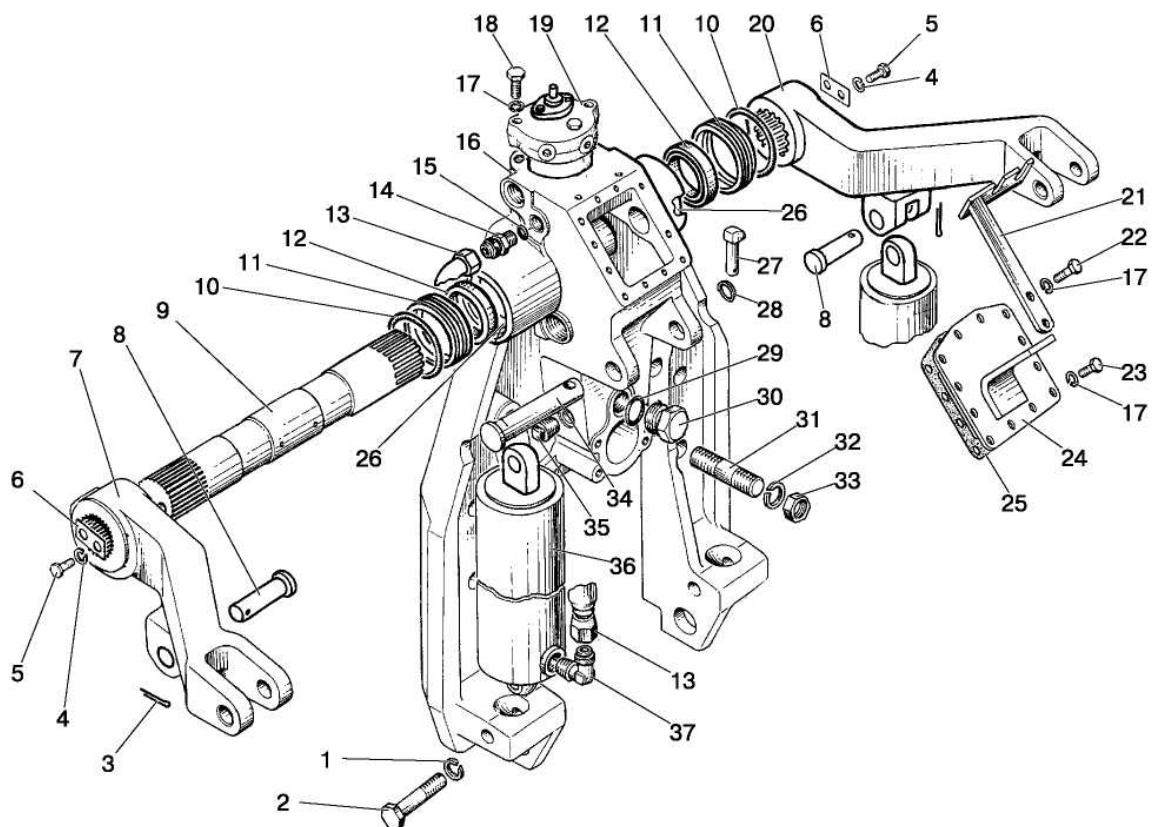


Fig.46.32. Hydraulic lift

BELARUS

900/920/950/952

Subgroup 4635. Hydraulic lift

Fig. No.	Pos. No.	Designation	Q-ty	Description
46.32		1221-4635010	1	Hydraulic lift
	1	16 OT OCT 37.001.115-75	2	Washer
	2	M16-6gx75.88.35.019 ГОСТ 7795-70	2	Bolt
	3	5x36.019 ГОСТ 397-79	2	Cotter pin
	4	12 OT OCT 37.001.115-75	4	Washer
	5	M12-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	6	40-4605023-A2	2	Washer
	7	1221-4635013	1	Lever left
	8	1221-4635016	2	Pin
	9	1221-4635014	1	Shaft
	10	079-085-36-2-2 ГОСТ 18829-73/9833-73	2	Ring
	11	820-4635091	2	Cage
	12	BABSL 60-72-7 SIMRIT 72 NBR 902	2	Cuff
	13	820-4635115	2	Hose
	14	820-4635083	2	Connecting pipe
	15	012-015-19-2-4 ГОСТ 18829-73/9833-73	2	Ring
	16	1221-4635011	1	Casing
	17	8T OCT 37.001.115-75	14	Washer
	18	M8-6gx40.88.35.019 ГОСТ 7795-70	2	Bolt
	19	820-4634010	1	Distributor
	20	1221-4635012	1	Lever right
	21	820-4635085	1	Bracket
	22	M8-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	23	M8-6gx20.88.35.019 ГОСТ 7796-70	10	Bolt
	24	820-4635125	1	Cover
	25	820-4635039	1	Gasket
	26	820-4635088	4	Bush
	27	A61.05.005	1	Locking pin
	28	A61.05.004	1	Ring
	29	027-032-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	30	80-4608021	1	Choke
	31	M80-4616011	4	Pin
	32	20 OT OCT 37.001.115-75	4	Washer
	33	M20-6H.6.019 ГОСТ 5915-70	4	Nut
	34	A61.10.001	1	Pin
	35	ПК КГ 3/8"	1	Plug
	36	820-4625010-Б or 820H-4625010-Б 820E-4625010-Б	2	Cylinder
	37	820-4635084	2	Angle piece

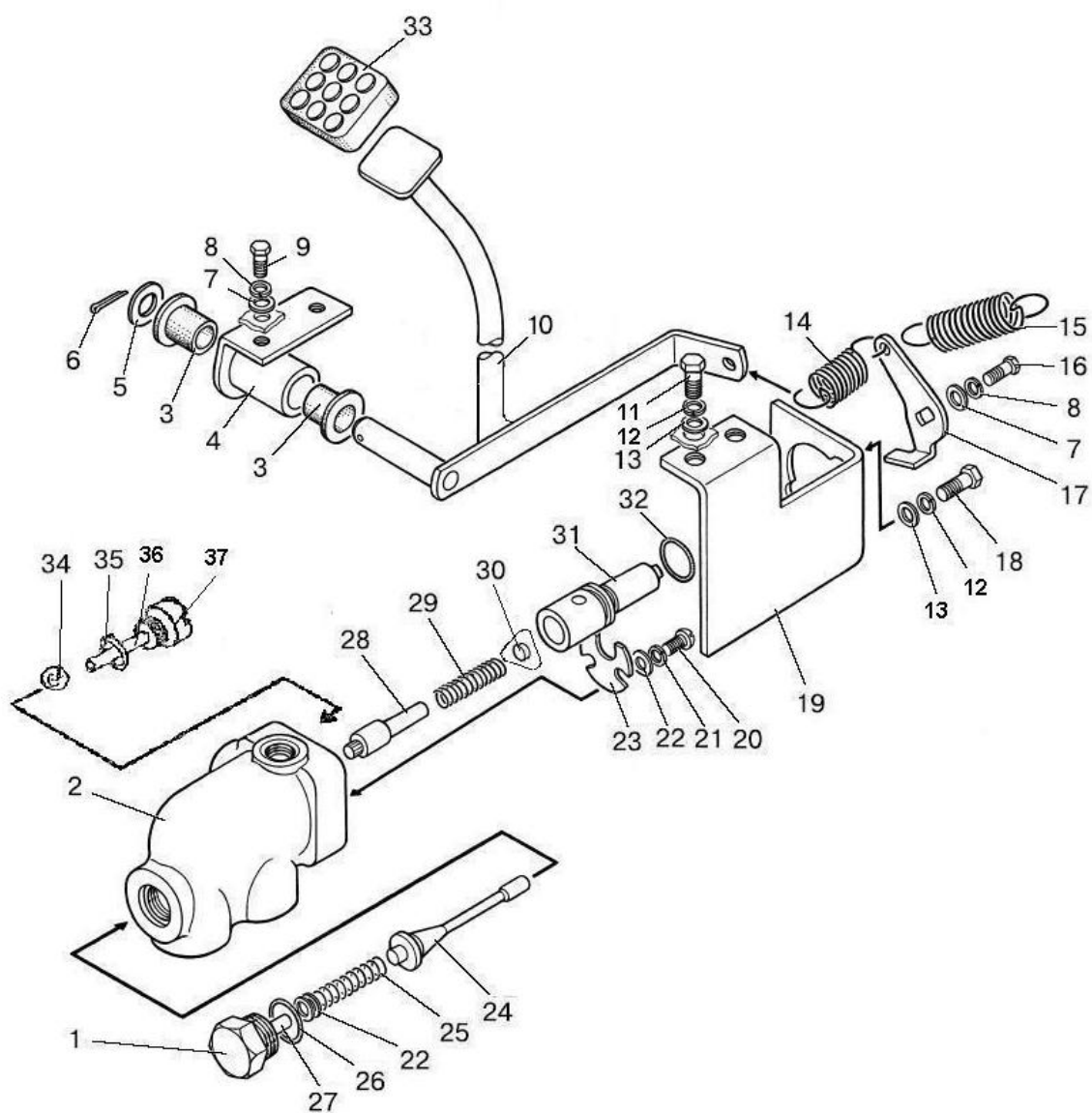


Fig.48.1 Differential lock control of the rear axle

Subgroup 4801. Differential lock control of the rear axle

Fig. No.	Pos. No.	Designation	Q-ty	Description
48.1		80-4801200-B	1	Cock assembly (2, 7, 8, 15, 16, 19-35)
	1	80-4801222-B	1	Plug
	2	80-4801211-B	1	Cock body
	3	50-4607082-A	2	Bush
	4	80-4802020	1	Bracket
	5	12 OT OCT 37.001.115-75	1	Washer
	6	2.5x16.019 ГОСТ 397-79	1	Cotter pin
	7	C 6.01.019 ГОСТ 6958-78	3	Washer
	8	6T OCT 37.001.115-75	3	Washer
	9	M6-6gx14.88.35.019 ГОСТ 7798-70	2	Bolt
	10	80-4803170	1	Pedal
	11	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	12	8T OCT 37.001.115-75	4	Washer
	13	C 8.01.019 ГОСТ 11371-78	4	Washer
	14	70-4616033	1	Spring
	15	50-3502068	1	Spring
	16	M6-6gx16.88.35.019 ГОСТ 7798-70	1	Bolt
	17	80-4801216-B	1	Lever
	18	M8-6gx20.88.35.019 ГОСТ 7796-70	2	Bolt
	19	80-4803151	1	Bracket
	20	B.M5-6gx10.58.019 ГОСТ 17473-80	2	Screw
	21	5T OCT 37.001.115-75	2	Washer
	22	C 5.01.019 ГОСТ 11371-78	6	Washer
	23	80-4801217-B	1	Stop
	24	80-4801213-B	1	Valve
	25	50-4609054	1	Spring
	26	017-022-30-1-4 ГОСТ 18829-73/9833-73	1	Ring
	27	80-4801221-B	1	Stop
	28	80-4801223	1	Guide
	29	70-4609037	1	Spring
	30	80-4801226	1	Valve
	31	80-4801212-B	1	Cock slide
	32	012-016-25-2-4 ГОСТ 18829-73/OCT 9833-73	1	Ring
	33	A13.38.002	1	Liner
	34	7,938-100 ГОСТ 3722-81	1	Ball
	35	007-011-25-2-2 ГОСТ 18829-73/9833-73	1	Ring
	36	80-4801224	1	Stop
	37	80-4801214-B	1	Plug

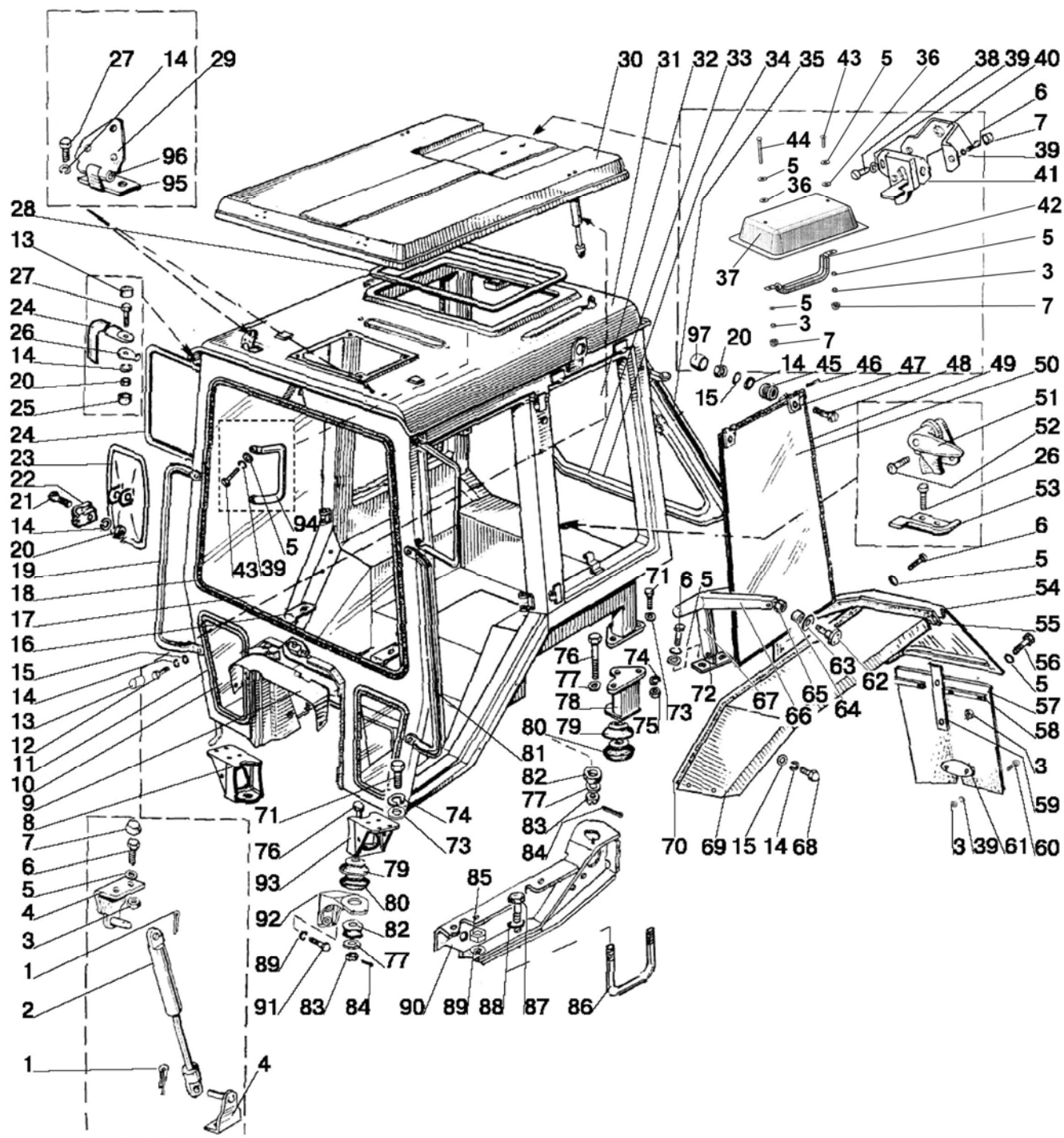


Fig. 67.1. Tractor cab. Rear fenders

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.1		80-6700010-B	1	Cab assembly
		80-6708210	1	Rear frame (32-35)
		80-6708900-03	2	Glass assembly (13, 14, 19, 24, 45, 47-50)
	1	3,2x18.019 ГОСТ 397-79	8	Cotter pin
	2	6700.01	4	Air-lift
	3	M6-6H.6.019 ГОСТ 5915-70	22	Nut
	4	80-6708225	6	Bracket
	5	C 6.01.019 ГОСТ 11371-78	20	Washer
	6	M6-6gx20.88.35.019 ГОСТ 7798-70	28	Bolt
	7	A30.04.017	8	Cap
	8	80-6700031-B-01	1	Right bracket
	9	85-6703056	1	Insert
	10	80-6703012-A or 80-6703012-A1	2	Glass
	11	A37.08.043	2	Seal
	12	M8-6gx20.88.35.019 ГОСТ 7796-70	4	Bolt
	13	A30.04.017-01	4	Cap
	14	8T OCT 37.001.115-75	26	Washer
	15	C 8.01.019 ГОСТ 11371-78	24	Washer
	16	80-3805030	2	Bracket
	17	80-6703011-A or 80-6703011-A1	1	Glass
	18	A37.08.043-01	1	Seal L=4200 mm
	19	80-6703112-A	1	Right handrail
	20	M8-6H.6.019 ГОСТ 5915-70	8	Nut
	21	M8-6gx40.88.35.019 ГОСТ 7795-70	2	Bolt
	22	A30.04.051	2	Clamp
	23	80-8201050	2	Mirror assembly
	24	80-8201106-A	2	Pipe
	25	A30.04.017-02	4	Cap
	26	80-8201107	4	Washer
	27, 48	M8-6gx30.88.35.019 ГОСТ 7796-70	8	Bolt
	28	A37.08.040 or A37.08.045	1	Seal
	29	80-6707010-B	2	Loop
	30	80-6707025-B4	1	Roof assembly (plastic)
	31	80-6700020-B-01	1	Cab (welded framework)
	32	80-6708211-A or 80-6708211-A1	1	Glass
	33	80-6708215	1	Frame
	34	A34.08.043-05	1	Seal
	35	80-6700021-01	1	Seal
	36	549A-1305044	2	Ring
	37	80-6707082	1	Facing
	38	B.M6-6gx12.58.019 ГОСТ 17473-80	2	Screw
	39	C 6.01.019 ГОСТ 6958-78	10	Washer
	40	80-6707075	1	Bracket
	41	A37.09.010	1	Latch
	42	80-6707080	1	Handrail
	43	B.M6-6gx20.58.019 ГОСТ 17473-80	1	Screw
	44	B.M5-6gx50.58.019 ГОСТ 17473-80	1	Screw
	45	80-6708903	4	Bush
	46	8x65 OCT 37.001.163-75	4	Pin
	47	80-6708902	4	Loop
	49	F-202	2	Seal

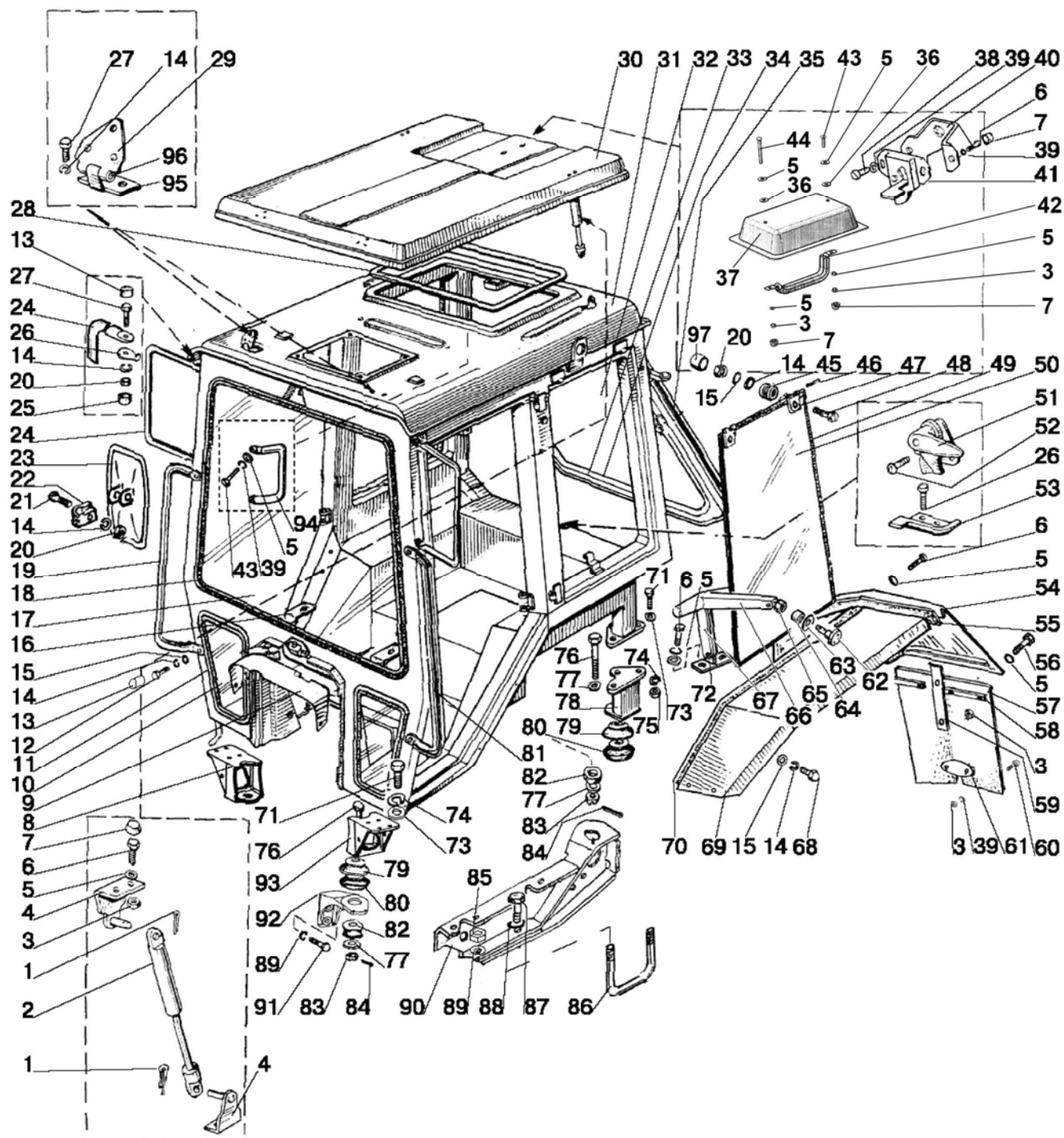


Fig. 67.1. Tractor cab. Rear fenders

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.1	50	1221-6708901-A or 1221-6708901-A1	2	Glass
	51	A37.05.025	1	Catch
	52	B.M6-6gx25.58.019 ГОСТ 17473-80	2	Screw
	53	A37.05.021-B	1	Bracket
	54	80-8404020-B	1	Flap
		80-8404020-B-01	1	Flap
	55	80-8404014-A	2	Seal
	56	M6-6gx20.88.35.019 ГОСТ 7798-70	12	Bolt
	57	85-8404040-A	2	Splash guard
	58	80-8404032	4	Plate
	59	80-8404031-B	2	Spring
	60	B.M6-6gx16.58.019 ГОСТ 17473-80	4	Screw
	61	80-8404034-A	2	Plate
	62	80-6708975	2	Screw
	63	80-6708904	2	Gasket
	64	A37.01.041	2	Bush
	65	A37.04.053	2	Nut
	66	A37.04.051	2	Handle
	67	A37.04.052	2	Lever
	68	M8-6gx20.88.35.019 ГОСТ 7796-70	18	Bolt
	69	80-8404011-B	1	Fender
		80-8404011-B-01	1	Fender
	70	80-8404013-A	2	Seal
	71	M12-6gx35.88.35.019 ГОСТ 7796-70	14	Bolt
	72	A37.04.050	2	Bracket
	73	C 12.01.019 ГОСТ 11371-78	6	Washer
	74	12 OT OCT 37.001.115-75	6	Washer
	75	M12-6H.6.019 ГОСТ 5915-70	6	Nut
	76	80-6700029	4	Bolt
	77	C 16.01.019 ГОСТ 11371-78	12	Washer
	78	80-6700037-B	1	Left support
		80-6700037-B-01	1	Right support
	79	80-6700163	4	Fixture
	80	80-6700160	4	Vibration insulator
	81	80-6703112-A	1	Handrail left
	82	130-5001364-B	4	Cushion
	83	M16-6H.6.019 ГОСТ 5915-70	4	Nut
	84	4x36.019 ГОСТ 397-79	4	Cotter pin
	85	M18x1,5-6H.6.019 ГОСТ 5915-70	4	Nut
	86	80-6702022	2	Clamp (variant)
	87	M20x75	4	Bolt (variant)
	88	20 OT OCT 37.001.115-75	4	Washer
	89	18 OT OCT 37.001.115-75	4	Washer
	90	70-6702300-01	1	Right bracket
		70-6702300-02	1	Left bracket
	91	M16-6gx45.88.35.019 ГОСТ 7796-70	6	Bolt
	92	80-6702068	1	Left bracket
		80-6702069	1	Right bracket
	93	80-6700031-B	1	Left bracket
	94	80-6708209	1	Handle
	95	80-6707013	2	Loop
	96	70-6708189	2	Shaft
	97	A30.04.017-02	4	Cap

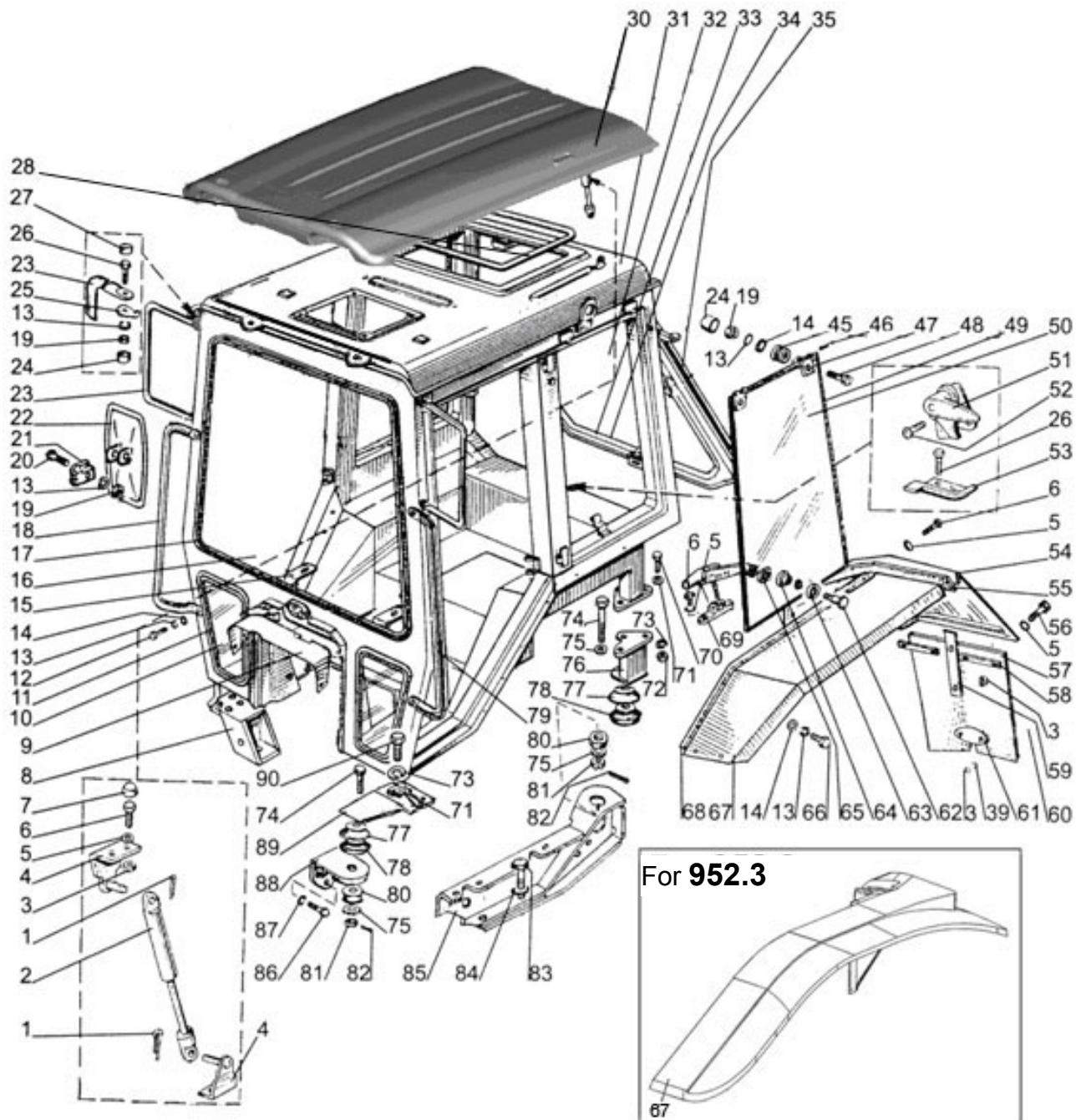


Fig.67.2. Tractor cab. Rear fenders

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.2		80-6708210	1	Rear frame (32-35)
		80-6708900/-01	1/1	Glass assembly (13, 14, 19, 24, 45, 47-50)
	1	3,2x18.019 ГОСТ 397-79	10	Cotter pin
	2	21054	4	Air-lift
	3	M6-6H.6.019 ГОСТ 5915-70	22	Nut
	4	80-6708225	6	Bracket
	5	C 6.01.016 ГОСТ 11371-78	24	Washer
	6	M6-6gx16.88.35.019 ГОСТ 7798-70	32	Bolt
	7	A30.04.017	10	Cap
	8	80-6700031-Б-01	1	Right bracket
	9	85-6703056	1	Insert
	10	80-6703012-A or 80-6703012-A1	2	Glass
	11	A37.08.043 or A37.08.043-01	2 1	Seal Seal
	12	M8-6gx25.88.35.019 ГОСТ 7796-70	4	Bolt
	13	8T OCT 37.001.115-75	36	Washer
	14	C 8.01.019 ГОСТ 11371-78	34	Washer
	15	80-3805030	2	Bracket
	16	80-6703011-A or 80-6703011-A1	1	Glass
	17	80-6700018	1	Seal L=4200 mm
	18	80-6703105-01	1	Right handrail
	19	M8-6H.6.019 ГОСТ 5915-70	8	Nut
	20	M8-6gx40.88.35.019 ГОСТ 7795-70	2	Bolt
	21	A30.04.051	2	Clamp
	22	80-8201055	2	Mirror
	23	80-8201106	2	Pipe
	24	A30.04.017-02	4	Cap
	25	80-8201107	4	Washer
	26	M8-6gx16.88.35.019 ГОСТ 7796-70	4	Bolt
	27	A30.04.017-01	10	Cap
	28	A37.08.017	1	Seal
	30	Д82-6707005	1	Roof assembly
	31	80-6700020-Б	1	Cab (welded framework)
	32	80-6708211-A 80-6708211-A1	1	Glass
	33	80-6708215	1	Frame
	34	A37.08.043-05	1	Seal
	35	80-6700021-01*	1	Seal
	38	B.M6-6gx12.58.019 ГОСТ 17473-80	2	Screw
	39	8T OCT 37.001.115-75	14	Washer
	45	80-6708903	4	Bush
	46	8x65 OCT 37.001.163-75	4	Pin
	47	80-6708902	4	Loop
	48	M8-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	49	Φ-202	2	Seal
	50	1221-6708901-A or 1221-6708901-A1	2	Glass
	51	A37.05.025	1	Catch
	52	B.M6-6gx25.58.019 ГОСТ 17473-80	2	Screw
	53	A37.05.021	1	Bracket
	54	80-8404020-Б	1	Flap left
		80-8404020-Б-01	1	Flap right
	55	80-8404014-A	2	Seal

* Allowed substitution for 80-6700026-02

** For 952.3

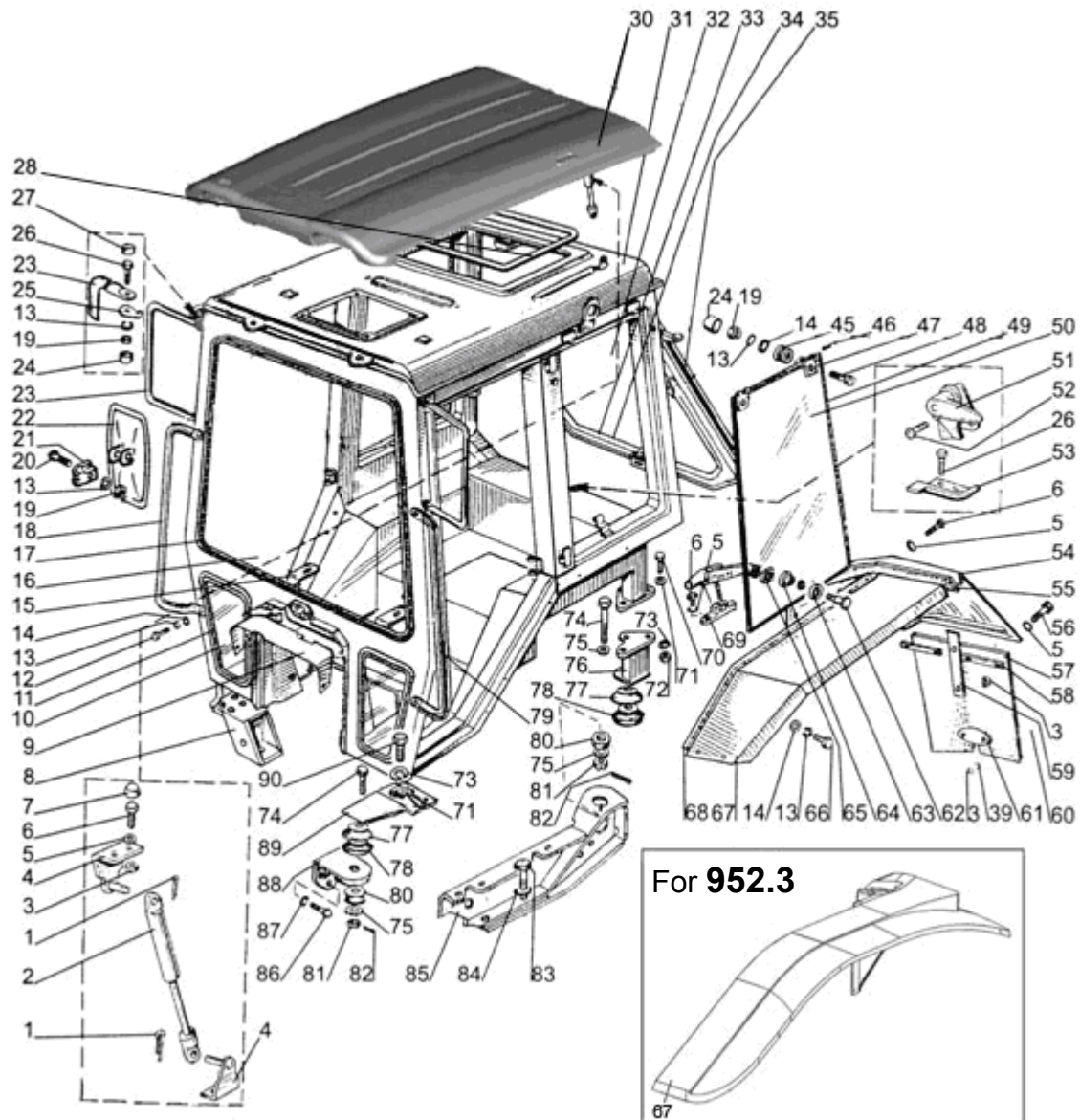


Fig.67.2. Tractor cab. Rear fenders

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.2	56	M6-6gx25.88.35.019 ГОСТ 7798-70	10	Bolt
	57	85-8404040-A	2	Splash guard
	58	80-8404032	4	Plate
	59	80-8404031-B	2	Spring
	60	B.M6-6gx16.58.019 ГОСТ 17473-80	6	Screw
	61	80-8404034-A	2	Plate
	62	80-6708975	2	Screw
	63	80-6708904	2	Gasket
	64	A37.01.041	2	Bush
	65	80-6708961	4	Washer
	66	M8-6gx20.88.35.019 ГОСТ 7796-70	22	Bolt
	67	Д82-8404020-A or 80-8404011-B or Д82-8404020	1	Fender
		Д82-8404020-A-01 or 80-8404011-B-01 or Д82-8404020-01**	1	Fender
	68	80-8404013-A or 80-8404013-B**	2	Seal
	69	80-6708970	2	Handle
	70	M12-6gx25.88.35.019 ГОСТ 7796-70	6	Bolt
	71	C 12.01.019 ГОСТ 11371-78	6	Washer
	72	M12-6H.6.019 ГОСТ 5915-70	6	Nut
	73	12 OT OCT 37.001.115-75	6	Washer
	74	80-6700029	4	Bolt
	75	16 OT OCT 37.001.115-75	12	Washer
	76	80-6700037-B	1	Left support
		80-6700037-B-01	1	Right support
	77	80-6700163	4	Fixture
	78	80-6700160	4	Vibration insulator
	79	80-6703105	1	Handrail left
	80	130-5001364-B	4	Cushion
	81	M16-6H.6.019 ГОСТ 5918-73	4	Nut
	82	4x36.019 ГОСТ 397-79	4	Cotter pin
	83	M20x75	4	Bolt
	84	20 OT OCT 37.001.115-75	4	Washer
	85	1221-6702300	1	Right bracket
		1221-6702300-01	1	Left bracket
	86	M16-6gx50.88.35.019 ГОСТ 7796-70	4	Bolt
	87	16 OT OCT 37.001.115-75	6	Washer
	88	80-6702068	1	Left bracket
		80-6702069	1	Right bracket
	89	80-6700031-B	1	Left bracket
	90	M12-6gx35.88.35.019 ГОСТ 7796-70	8	Bolt

** For 952.3

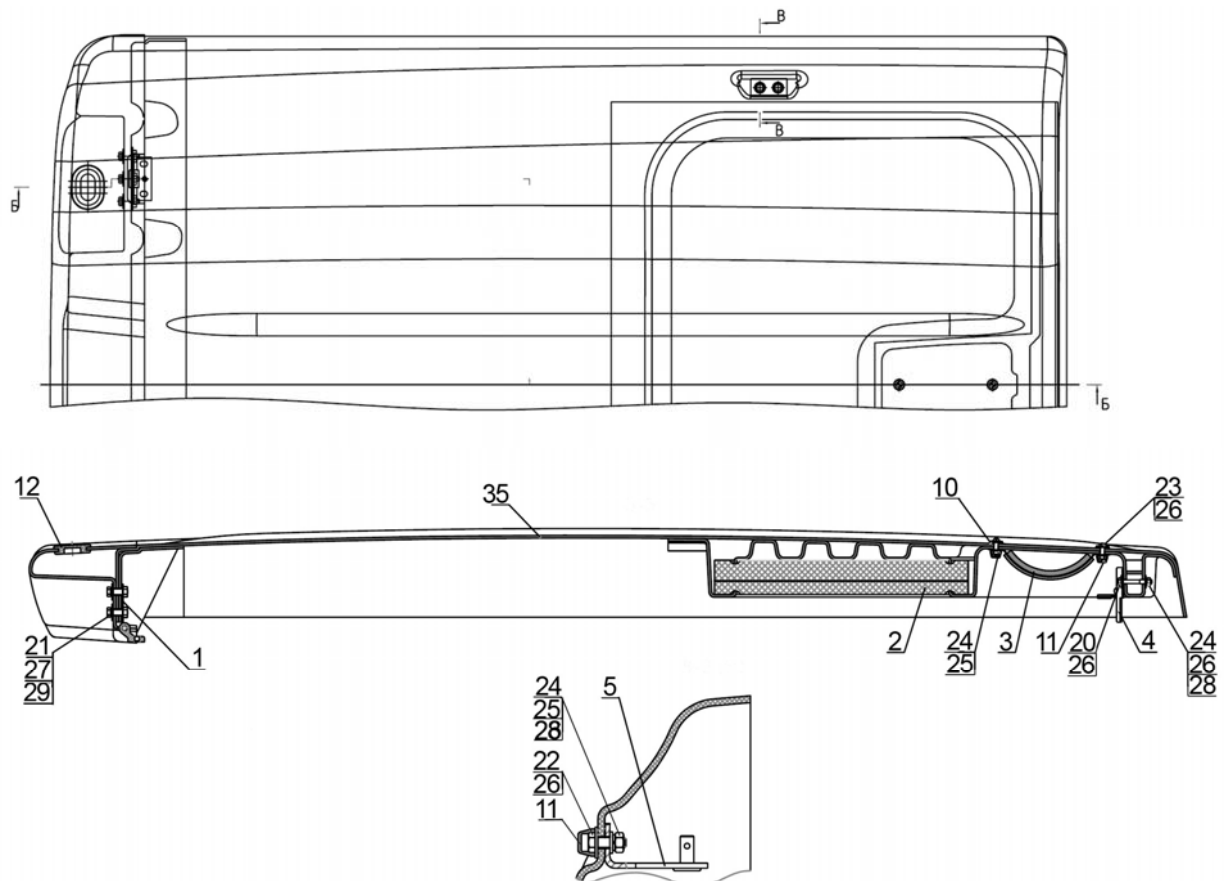


Fig. 67.3. Roof

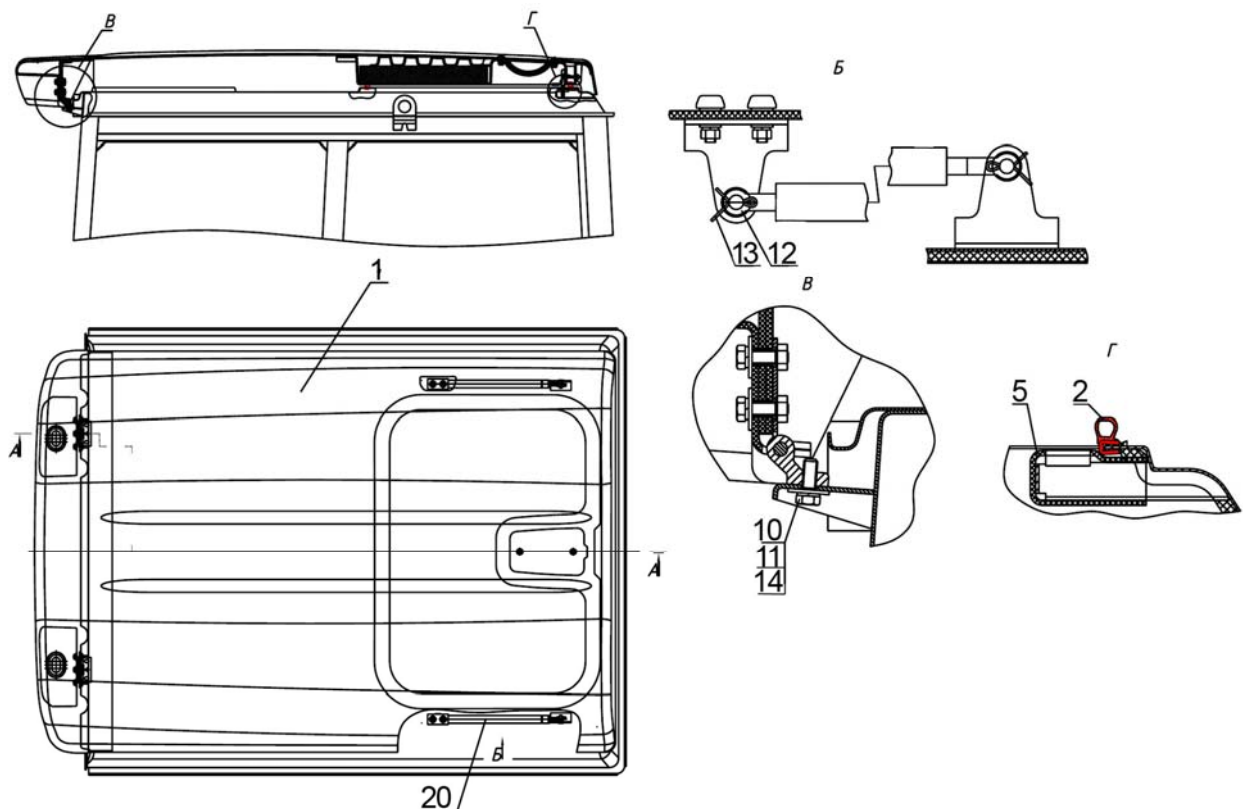


Fig.67.4. Roof

Group 67. Tractor cab
Subgroup 6700. Roof

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.3	1	80-6707020-01	2	Hinge
	2	Д82-6707030	1	Upholstery
	3	80-6707080	1	Handrail
	4	A37.09.010	1	Latch
	5	80-6708225	2	Bracket
	10	549A-1305044	2	Ring
	11	A30.04.017	6	Cap
	12	80x-8400026	2	Ring
	20	M6-6gx45.88.35.019 ГОСТ 7795-70	2	Bolt
	21	M8-6gx25.88.35.019 ГОСТ 7796-70	6	Bolt
	22	M6-6gx18.88.35.019 ГОСТ 7798-70	4	Bolt
	23	M6-6gx25.88.35.019 ГОСТ 7798-70	2	Bolt
	24	B.M6-6gx25.58.019 ГОСТ 17473-80	6	Screw
	25	M6-6H.6.019 ГОСТ 5915-70	6	Nut
	26	C 6.01.019 ГОСТ 11371-78	10	Washer
	27	C 8.01.019 ГОСТ 11371-78	6	Washer
	28	6T OCT 37.001.115-75	6	Washer
	29	8T OCT 37.001.115-75	6	Washer
	35	Д82-6707035	1	Roof

Group 67. Tractor cab
Subgroup 6700. Roof

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.4	1	Д82-6707025	1	Roof
	2	A37.08.045	1	Seal
	5	80-6700027	1	Cover
	10	M8-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	11, 12	C 8.01.019 ГОСТ 11371-78	6	Washer
	13	3,2x18.019 ГОСТ 397-79	4	Cotter pin
	14	8T OCT 37.001.115-75	2	Washer
	20	6700.01	2	Air-lift

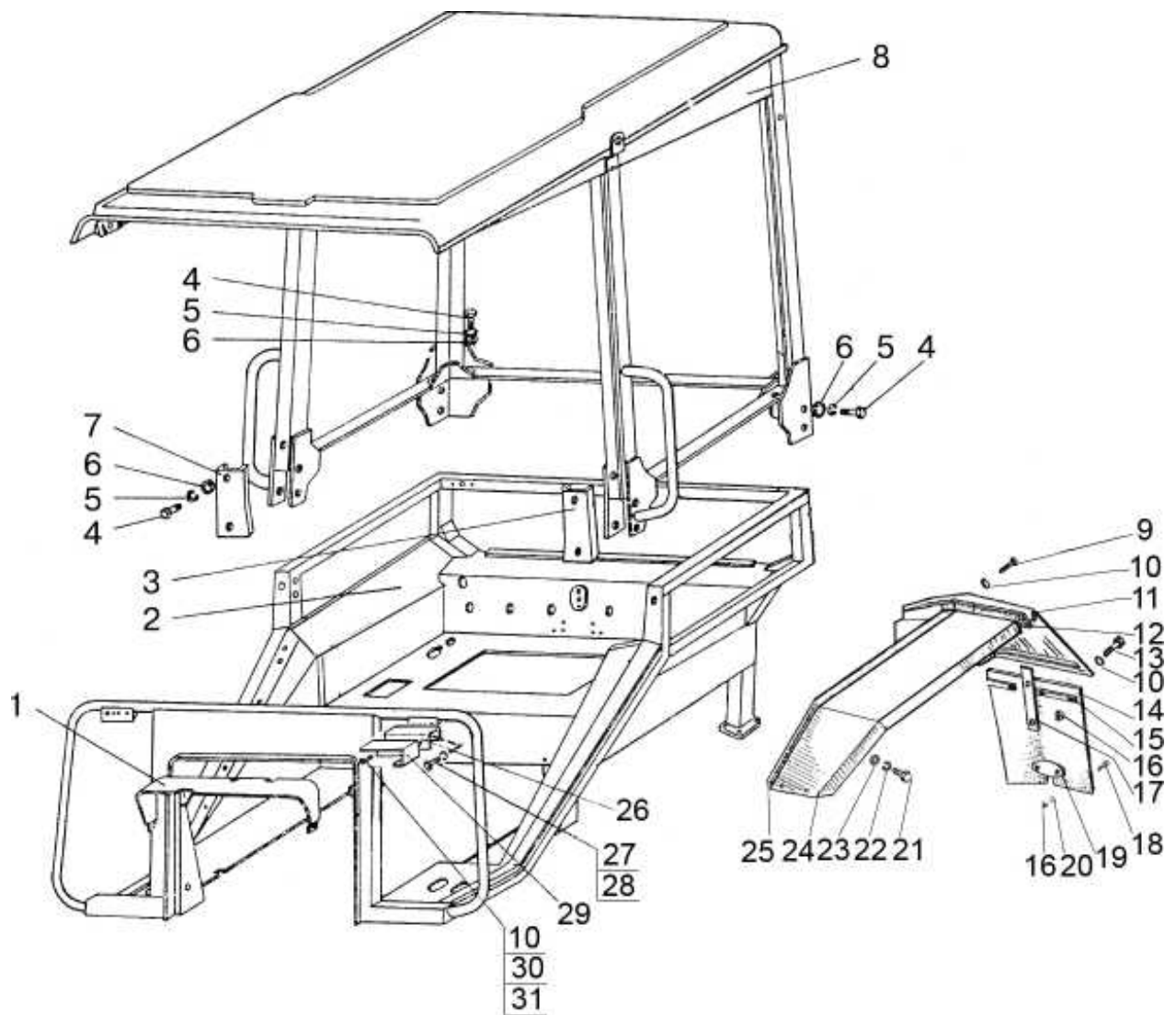


Fig. 67.5. Canopy framework. Base

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Group 67. Cab
Subgroup 6700. Canopy framework. Base

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.5		80-6700510	1	Canopy framework with the base assembly
	1	85-6703056	1	Insert
	2	80-6702510	1	Base
	3	80-6700511	1	Liner
	4	M12-6gx25.88.35.019 ГОСТ 7796-70	22	Bolt
	5	12 OT OCT 37.001.115-75	24	Washer
	6	C 12.01.019 ГОСТ 11371-78	22	Washer
	7	80-6700511-01	1	Liner
	8	80-6701505	1	Framework
	9	M6-6gx16.88.35.019 ГОСТ 7798-70	10	Bolt
	10	C 6.01.019 ГОСТ 11371-78	25	Washer
	11	80-8404020-B	1	Flap
		80-8404020-B-01	1	Flap
	12	80-8404014-A	2	Seal
	13	M6-6gx25.88.35.019 ГОСТ 7798-70	10	Bolt
	14	85-8404040-A	2	Splash guard
	15	80-8404032	2	Plate
	16	M6-6H.6.019 ГОСТ 5915-70	22	Nut
	17	80-8404031-B	2	Spring
	18	M6-6gx16.88.35.019 ГОСТ 7798-70	10	Bolt
	19	80-8404034-A	2	Plate
	20	A37.01 022	6	Washer
	21	M8-6gx20.88.35.019 ГОСТ 7796-70	18	Bolt
	22	8T OCT 37.001.115-75	18	Washer
	23	C 8.01.019 ГОСТ 11371-78	18	Washer
	24	80-8404011-B	1	Fender
		80-8404011-B	1	Fender
	25	80-8404013-A	2	Seal
	26	85-3712041	1	Right bracket
		85-3712041-01	1	Left bracket
	27	M8-6gx14.88.35.019 ГОСТ 7796-70	4	Bolt
	28	M8-6H.6.019 ГОСТ 5915-70	4	Nut
	29	85-3712045	1	Right bracket
		85-3712045-01	1	Left bracket
	30	B.M6-6gx18.58.019 ГОСТ 17473-80	4	Bandage
	31	6T OCT 37.001.115-75	4	Washer

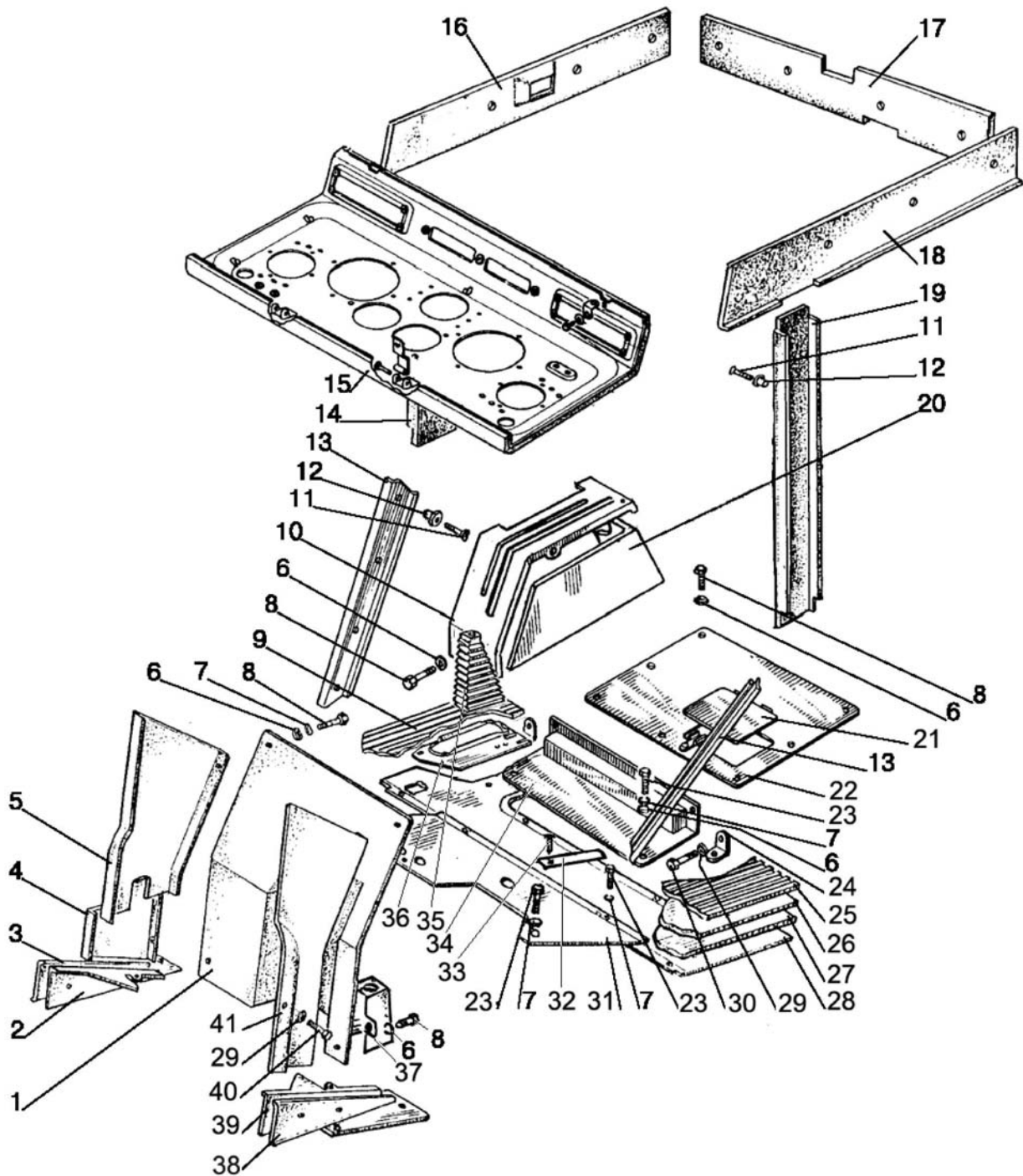


Fig. 67.6. Cab floor

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Group 67. Tractor cab
Subgroup 6702. Cab floor

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.6	1	80-6700300	1	Panel
	2	80-6702330	1	Liner
	3	80-6702328-01	1	Side piece
	4	85-6700330	1	Panel
	5	85-6700340	1	Panel
	6	C 6.01.019 ГОСТ 11371-78	16	Washer
	7	6T OCT 37.001.115-75	20	Washer
	8	M8-6gx25.88.35.019 ГОСТ 7796-70	14	Bolt
	9	80-6702333-B2	1	Right mat
	10	85-6700036-B	1	Cover
	11	1-4x25.019 ГОСТ 1144-80	28	Wood screw
	12	A37.10.031	28	Boss
	13	80-6702111	2	Clamp
	14	1221-6700060-01	1	Liner
	15	80-8100100	1	Panel
	16	1221-6700065	1	Liner
	17	80-6700205	1	Liner
	18	1221-6700050	1	Liner
	19	1221-6700060	1	Liner
	20	85-6700040-B	1	Panel
	21	85-6702130-B	1	Panel
	22	80-6702190-B	1	Cover
	23	85-6702390-B	1	Cover
	24	M6-6gx16.88.35.019 ГОСТ 7798-70	16	Bolt
	25	70-6702111	2	Angle piece
	26	80-6702332	1	Left mat
	27	80-6702469-A	1	Gasket
	28	80-6702468-A	1	Gasket
	29	80-6702315-B	1	Panel
	30	C 6.01.019 ГОСТ 11371-78	10	Washer
	31	M8-6gx16.88.35.019 ГОСТ 7796-70	4	Bolt
	32	80-6702310	1	Bar
	33	80-6702348	1	Clamp left
		80-6702348-01	1	Clamp right
	34	B.M6-6gx12.58.019 ГОСТ 17473-80	4	Screw
	35	80-6702085	1	Cover
	36	80-6702243 or 80П-6702270	1 1	Boot (rubber) Boot (vinyl artificial leather)
	37	80-6702820	1	Liner (tractors with FDA)
		80-6702817	1	Liner (tractors without FDA)
	38	80-6700370-B	1	Cover
	39	80-6702328	1	Side piece
	40	80-6702320	1	Liner
	41	M8-6gx40.88.35.019 ГОСТ 7795-70	2	Bolt
	42	80-6700320	1	Panel

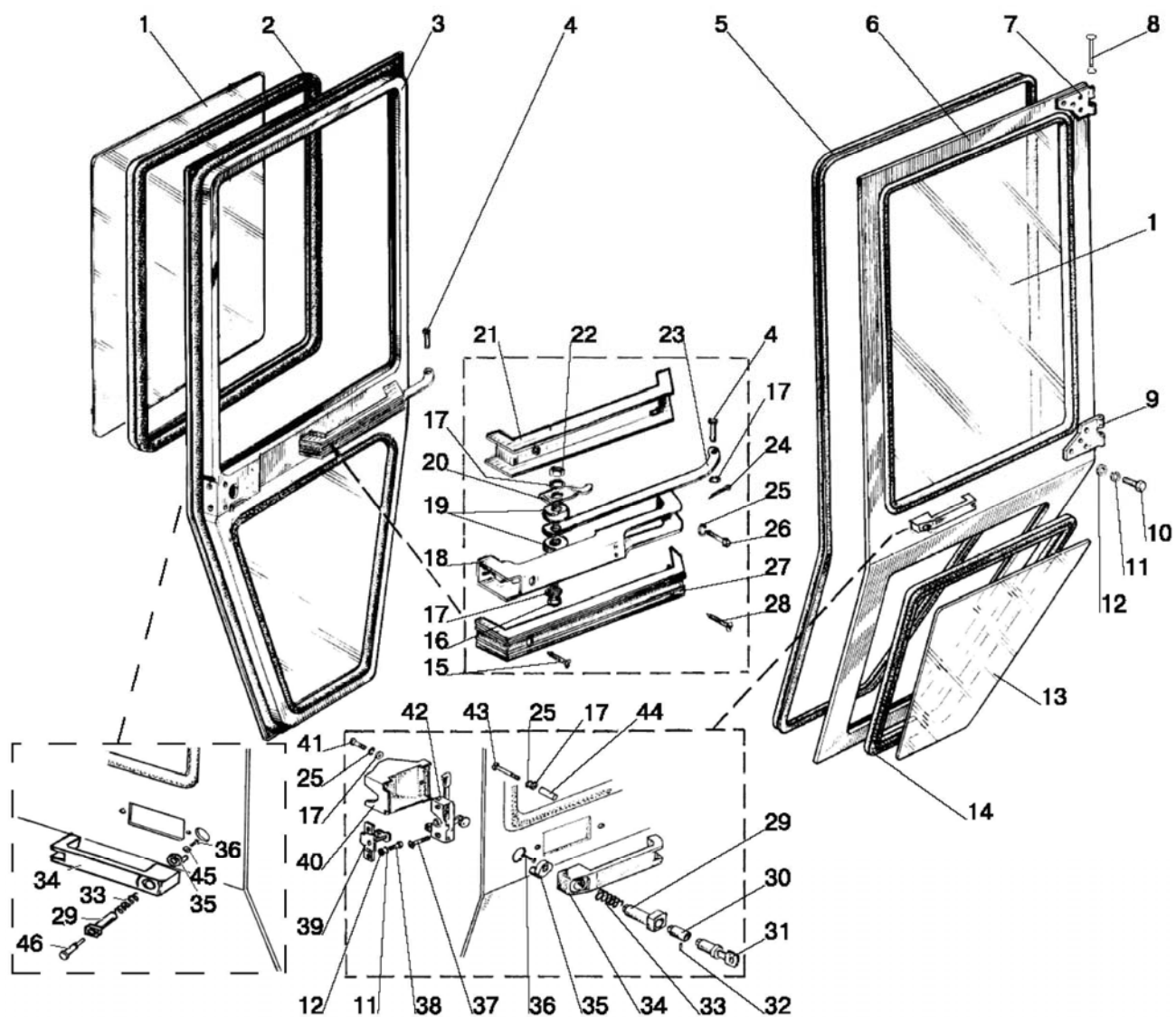


Fig. 67.7. Cab doors

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
67.7		80-6708010-B	1	Left door (1, 2, 5-7, 9-14)
		80-6708010-B-01	1	Right door (1-3, 5, 7, 9-14)
		80-6105300-A1		Left handle (29-36)
		80-6105330-A1		Right handle (33-36, 45-47)
	1	80-6708013-A or 80-6708013-A1	2	Glass
	2	A37.08.043-02	2	Seal L=2720 mm
	3	80-6708020-B-03	1	Right door
	4	8x22 OCT 37.001.163-75	2	Pin
	5	80-6700021-A	2	Profile
	6	80-6708020-B-02	1	Left door
	7	A37.03.022-B	2	Upper hinge
	8	822-6700011-01	10	Pin
		5T OCT 37.001.115-75	10	Washer
	9	A37.03.022-B-01	2	Lower hinge
	10	M8-6gx25.88.35.019 ГОСТ 7796-70	12	Bolt
	11	8T OCT 37.001.115-75	12	Washer
	12	C 8.01.019 ГОСТ 11371-78	12	Washer
	13	80-6708014-A or 80-6708014-A	2	Glass
	14	A37.08.043-03	2	Seal
	15	1-4x40.019 ГОСТ 1144-80	2	Wood screw
	16	M6-6gx35.88.35.019 ГОСТ 7798-70	2	Bolt
	17	C 6.01.019 ГОСТ 11371-78	6	Washer
	18	80-6708610	2	Handrail
	19	80-6708619	4	Buffer
	20	80-6708618	2	Spring
	21	80-6708602	2	Liner
	22	M6-6H.019 ТУ 23.1.505-91	2	Nut
	23	80-6708616	2	Lever
	24	3,2x18.019 ГОСТ 397-79	2	Cotter pin
	25	6T OCT 37.001.115-75	6	Washer
	26	M6-6gx16.88.35.019 ГОСТ 7798-70	2	Bolt
	27	80-6708603	2	Liner
	28	1-4x25.019 ГОСТ 1144-80	2	Wood screw
	29	80-6105301-B	2	Button
	30	80-6105304-B1	1	Bush
	31	945.025.11.01.00	1	Cylinder mechanism
	32	2x11,8B3	2	Roller
	33	80-6105302	2	Spring
	34	80-6105305	2	Handle
	35	80-6105303	2	Tappet
	36	4x10.019 ТУ РБ 400024166.001-2000	2	Wood screw
	37	B.M8-6gx25.58.019 ГОСТ 17475-80	4	Screw
	38	M8-6gx16.88.35.019 ГОСТ 7796-70	4	Bolt
	39	80-6105170-B	2	Hook end
	40	80-6708812	1	Left cover
		80-6708812-01	1	Right cover
	41	B.M6-6gx16.58.019 ГОСТ 17475-80	2	Screw
	42	80-6105050	1	Left lock
		80-6105050-01	1	Right lock
	43	B.M6-6gx45.58.019 ГОСТ 17473-80	2	Screw
	44	80-6708813	2	Bush
	45	C 4.01.019 ГОСТ 6958-78	2	Washer
	46	80-6105331-B	1	Choke

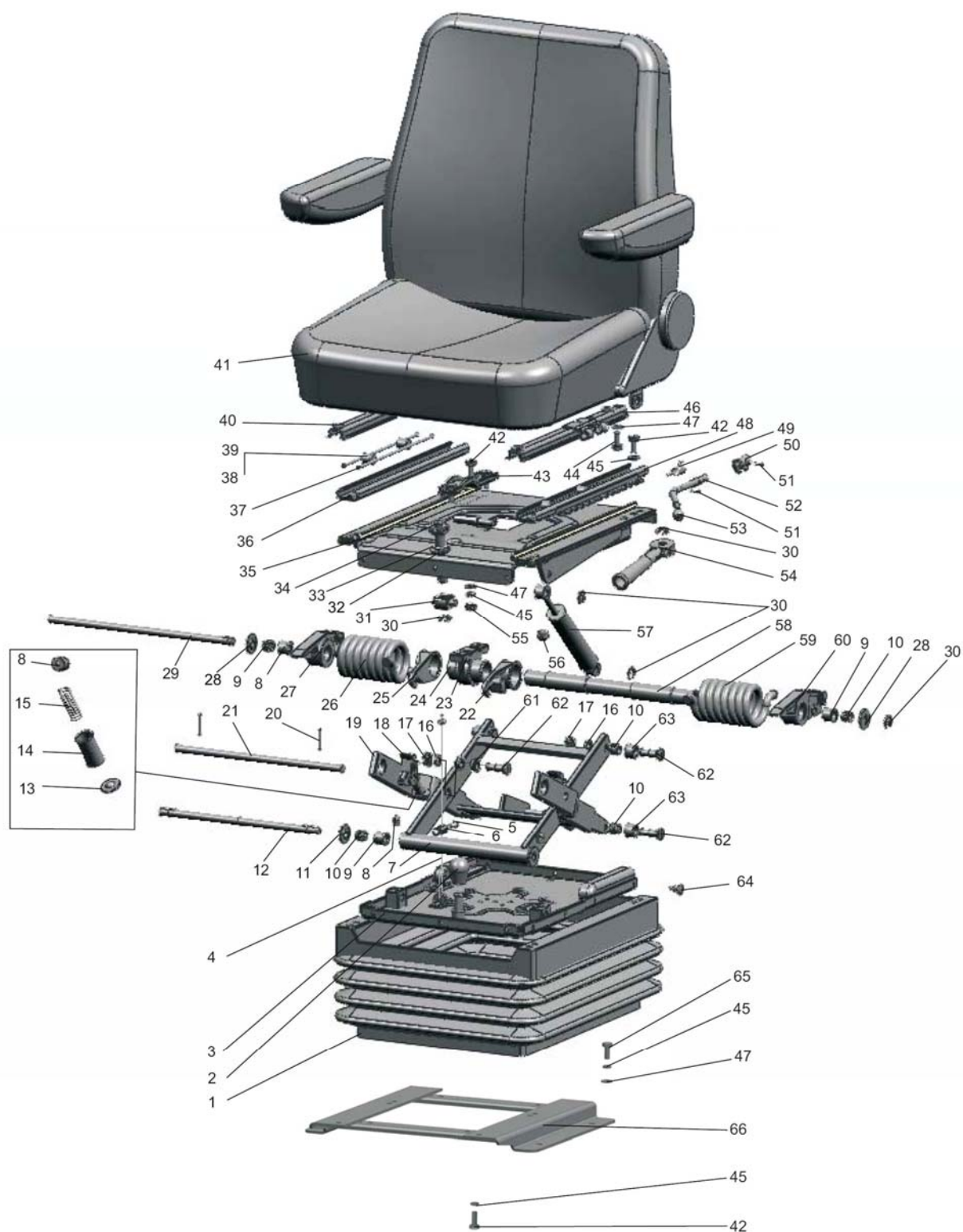


Fig.68.1. Operator seat

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Group 68. Driver seat
Subgroup 6800. Operator seat

Fig. No.	Pos. No.	Designation	Q-ty	Description
68.1		80-6800010	1	Seat (1-64)
		80-6800010-01	1	Seat (1-64)
		"Grammer MSG85/721"*	1	Seat
	1	80B-6800108	1	Boot
	2	A61.01.014	1	Handle
	3	80B-6801560	1	Base
	4	80B-6801240	1	Cable
	5	B.M5-6gx16.58.019 ГОСТ 17473-80	2	Screw
	6	70-4803023	1	Coupling
	7	80B-6801590-Б	1	Frame
	8	80B-6801521	4	Stop
	9	80B-6801512	4	Bush
	10	K12x16x13E ГОСТ 24310-80	8	Bearing
	11	80B-6801033-01	2	Washer
	12	80B-6801508	1	Axle
	13	80B-6801519	2	Foot
	14	80B-6801518	2	Liner
	15	80B-6801530-Б	2	Spring
	16	12 OT OCT 37.001.115-75	6	Washer
	17	M10-6H.04.019 ГОСТ 5919-73	6	Nut
	18	80B-6801581	2	Pawl
	19	80B-6801570	1	Frame
	20	4x22.019 ГОСТ 397-79	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 ГОСТ 3722-81	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 ГОСТ 18829-73/9833-73	4	Ring
	40	80-6800110-01	1	Rack
	41	CT-154T.6800010	1	Seat
		CT-154TM.6800010	1	Seat
	42	M8-6gx20.88.35.019 ГОСТ 7796-70	11	Bolt
	43	80B-6801031	1	Booster
	44	B.M8-6gx25.58.019 ГОСТ 1491-80	4	Screw
	45	8T OCT 37.001.115-75	15	Washer
	46	80-6800110	1	Rack
	47	C 8.01.019 ГОСТ 11371-78	10	Washer
	48	80-6800120	1	Guide
	49	80-6800103	1	Spring

* Optionally

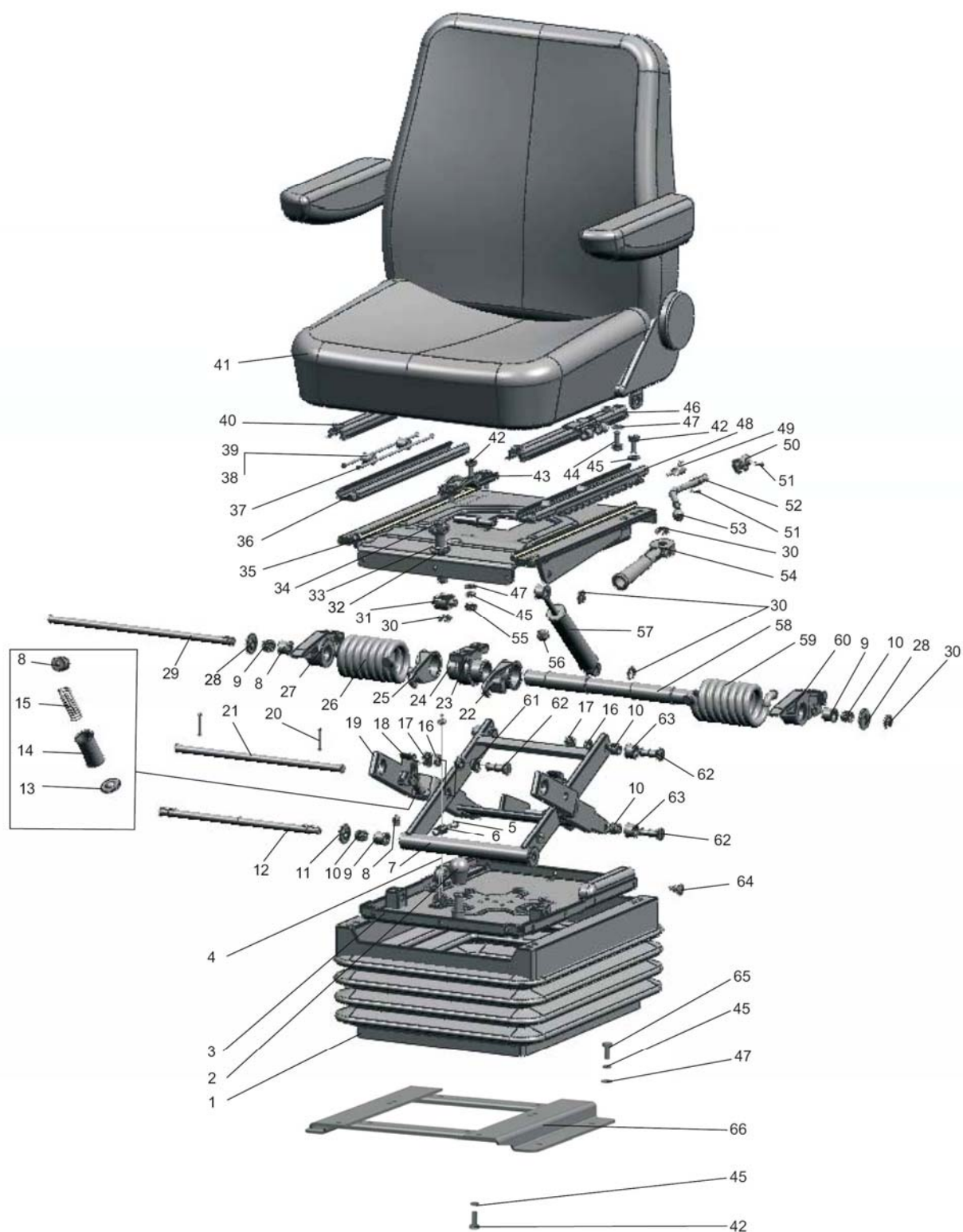


Fig.68.1. Operator seat

Group 68. Driver seat
Subgroup 6800. Operator seat

Fig. No.	Pos. No.	Designation	Q-ty	Description
68.1	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	M8-6H.04.019 ГОСТ 5916-70	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	Bush
	62	80B-6801528	6	Axle
	63	80B-6801032	4	Roller
	64	80-6800006	20	Button
	65	M8-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	66	80B-6807200	1	Bracket

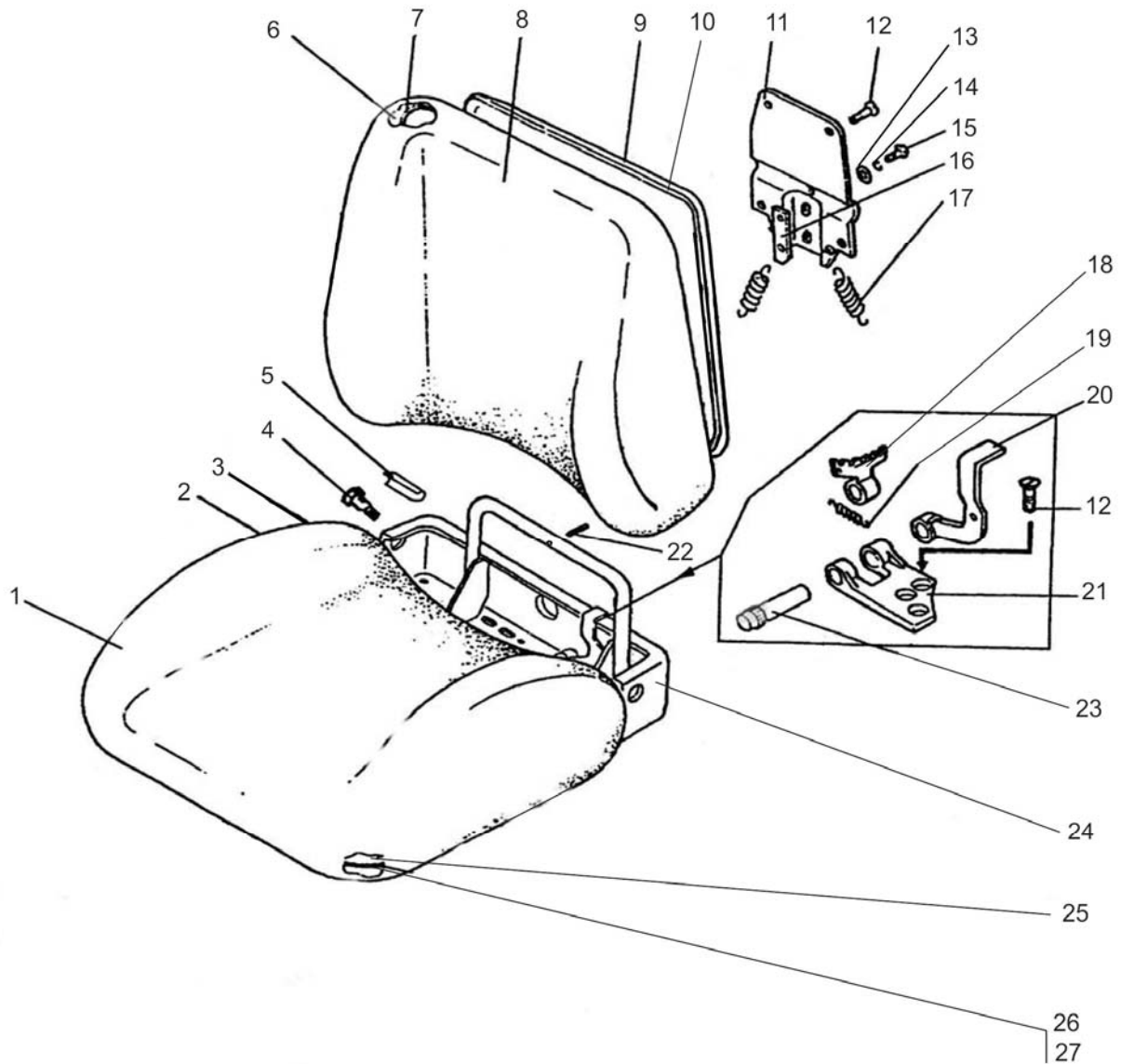


Fig.68.2. Operator seat.

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Group 68. Driver seat
Subgroup 6804. Operator seat

Fig. No.	Pos. No.	Designation	Q-ty	Description
68.2		80B-6804000	1	Seat (1-27)
	1	80B-6804500	1	Boot
	2	80B-6804003	1	Rod
	3	80B-6804009	1	Axle
	4	80B-6800106	2	Bolt
	5	80B-6804015	2	Bush
	6	80B-6805001	1	Cushion
	7	80B-6805002	1	Frame
	8	80B-6805500	1	Boot
	9	ППР26-04	1	Profile
	10	80B-6805010	1	Base
	11	80B-6804040	1	Support
	12	B.M8-6gx16.58.019 ГОСТ 17475-80	7	Screw
	13	C 6.01.019 ГОСТ 11371-78	2	Washer
	14	6T OCT 37.001.115-75	2	Washer
	15	M6-6gx14.88.35.019 ГОСТ 7798-70	2	Bolt
	16	80B-6804001	1	Hook end
	17	80B-6804013-Б	2	Spring
	18	80B-6804011	1	Comb
	19	50-1310158-Б	1	Spring
	20	80B-6804080	1	Lever
	21	80-6708011	1	Loop
	22	4x25.019 ГОСТ 397-79	1	Cotter pin
	23	70-6708189-01	1	Axle
	24	80B-6804020	1	Panel
	25	80B-6804007	1	Cushion
	26	80B-6804005	1	Frame
	27	ППР26-03	1	Profile

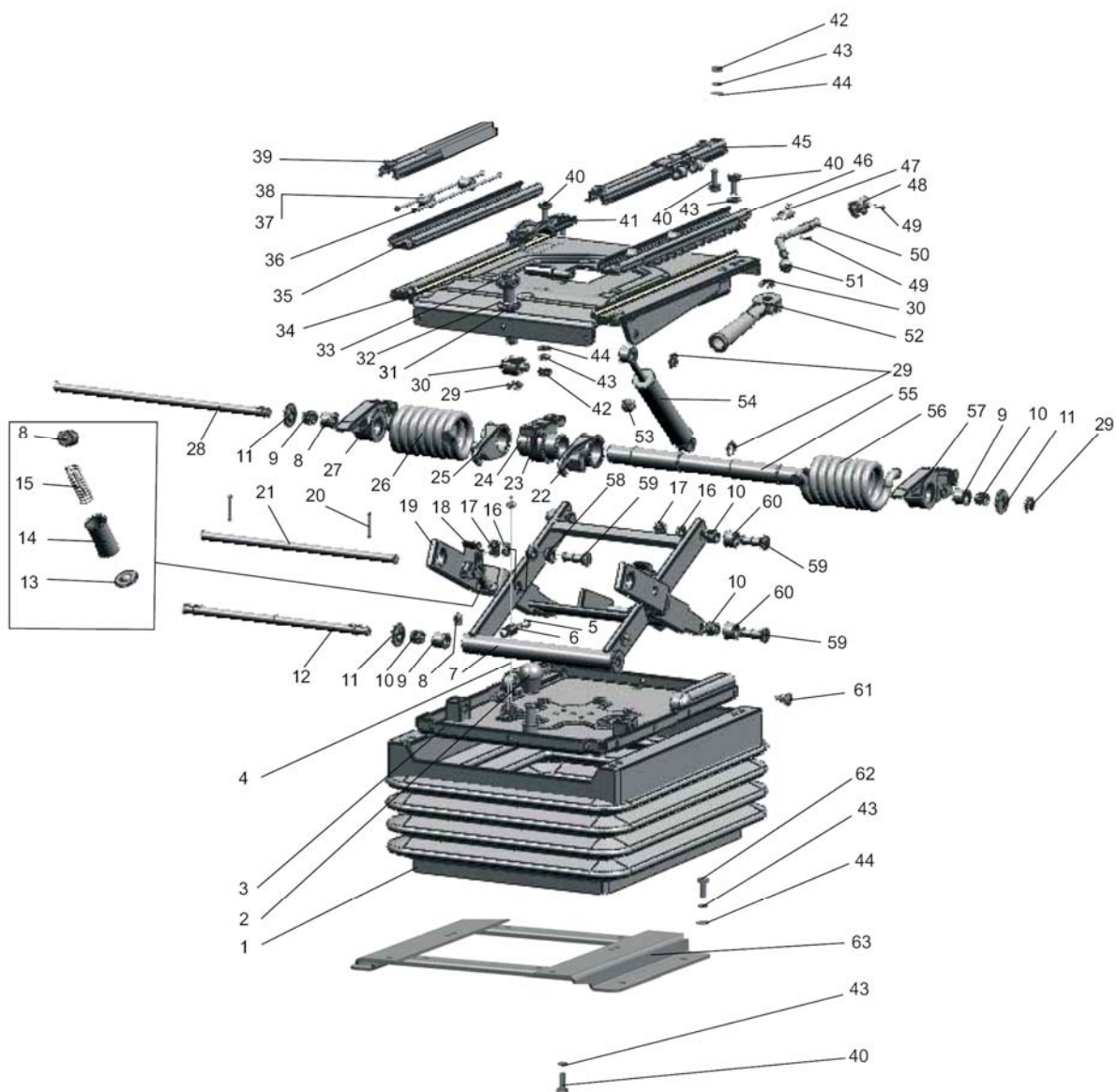


Fig.68.3. Seat suspension.

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
68.3		80-6801500	1	Suspension
	1	80B-6800108	1	Boot
	2	A61.01.014	1	Handle
	3	80B-6801560	1	Base
	4	80B-6801240	1	Cable
	5	B.M5-6gx16.58.019 ГОСТ 17473-80	2	Screw
	6	70-4803023	1	Coupling
	7	80B-6801590-Б	1	Frame
	8	80B-6801521	4	Stop
	9	80B-6801512	4	Bush
	10	K12x16x13E ГОСТ 24310-80	8	Bearing
	11	80B-6801033	4	Washer
	12	80B-6801508	1	Axle
	13	80B-6801519	2	Foot
	14	80B-6801518	2	Liner
	15	80B-6801530-Б	2	Spring
	16	10 OT OCT 37.001.115-75	6	Washer
	17	M10-6H.04.019 ГОСТ 5919-73	6	Nut
	18	80B-6801581	2	Pawl
	19	80B-6801570	1	Frame
	20	4x22.019 ГОСТ 397-79	2	Cotter pin
	21	80B-6801012	1	Axle
	22	80B-6801004-01	1	Hook
	23	80B-6801001	1	Bracket
	24	80B-6801003	1	Axle
	25	80B-6801004	1	Hook
	26	80B-6801002	1	Spring
	27	80B-6801507	1	Sector
	28	80B-6801506	1	Axle
	29	70-6801307	5	Washer
	30	80B-6801023	1	Nut
	31	80B-6801008	1	Washer
	32	3,0-100 ГОСТ 3722-81	22	Ball
	33	80B-6801152	1	Screw
	34	80-6801550	1	Panel
	35	80-6800104	1	Guide
	36	70-6804394-Б	4	Rod
	37	70-6804391	4	Roller
	38	010-015-30-2-3 ГОСТ 18829-73/9833-73	4	Ring
	39	80-6800110-01	1	Rack
	40	M8-6gx20.88.35.019 ГОСТ 7796-70	15	Bolt
	41	80B-6801031	1	Booster
	42	M8-6H.04.019 ГОСТ 5916-70	5	Nut
	43	8T OCT 37.001.115-75	19	Washer
	44	C 8.01.019 ГОСТ 11371-78	14	Washer
	45	80-6800110	1	Rack
	46	80-6800120	1	Guide
	47	80-6800103	1	Spring
	48	80-6800102	1	Stop
	49	70-4202431-01	2	Pin
	50	80-6800101	1	Handle
	51	70-6801082	1	Handle

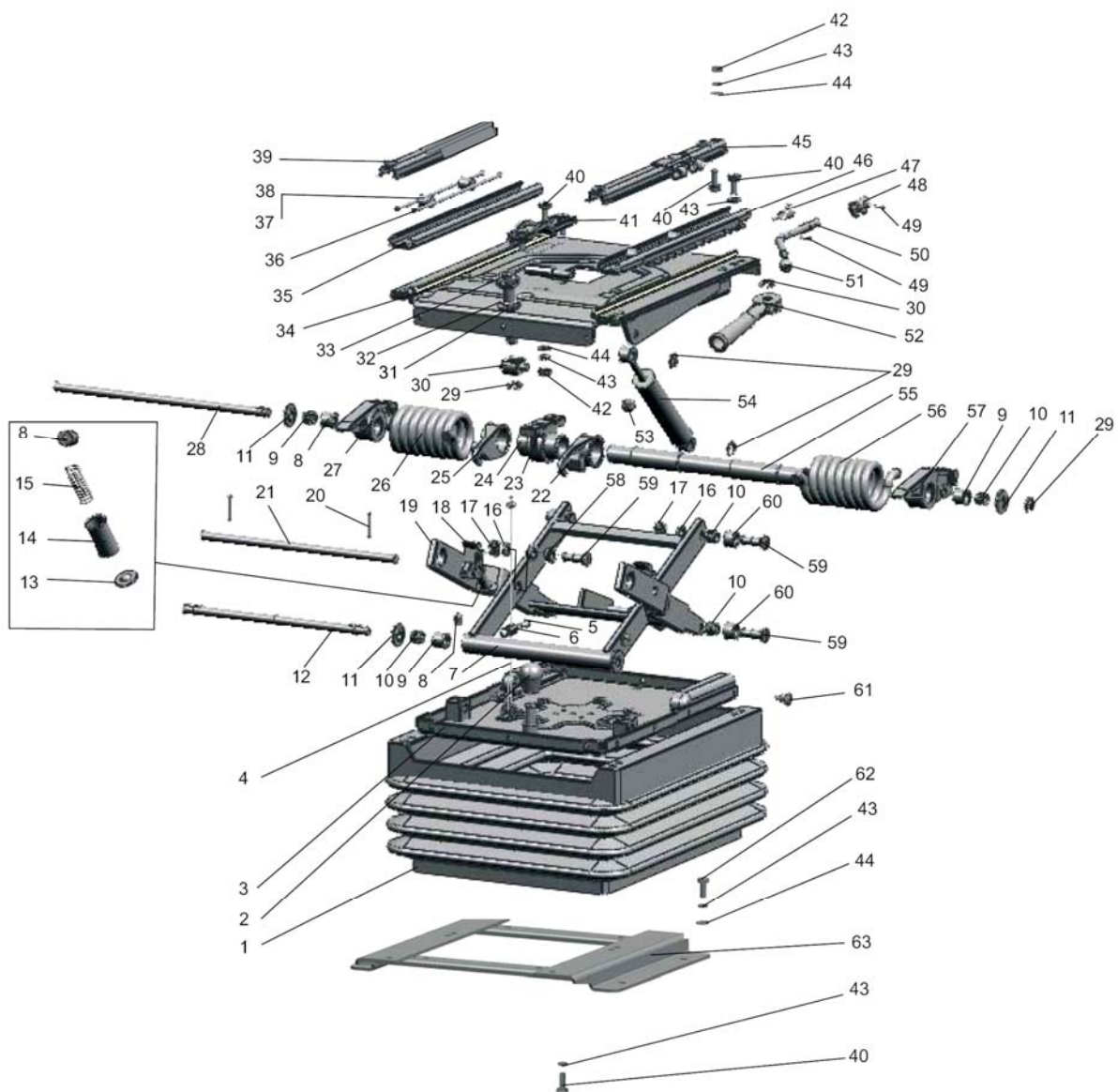


Fig.68.3. Seat suspension.

Group 68. Driver seat
Subgroup 6801. Seat suspension

Fig. No.	Pos. No.	Designation	Q-ty	Description
68.3	52	80B-6801150	1	Handle
	53	80-6801531	6	Buffer
	54	80-6809100-11	1	Shock-absorber
	55	80B-6801505	1	Roller
	56	80B-6801002-01	1	Spring
	57	80B-6801507-01	1	Sector
	58	80B-6801526	4	Bush
	59	80B-6801528	6	Axle
	60	80B-6801032	4	Roller
	61	80-6800006	20	Button
	62	M8-6gx30.88.35.019 ГОСТ 7796-70	4	Bolt
	63	80B-6807200	1	Bracket

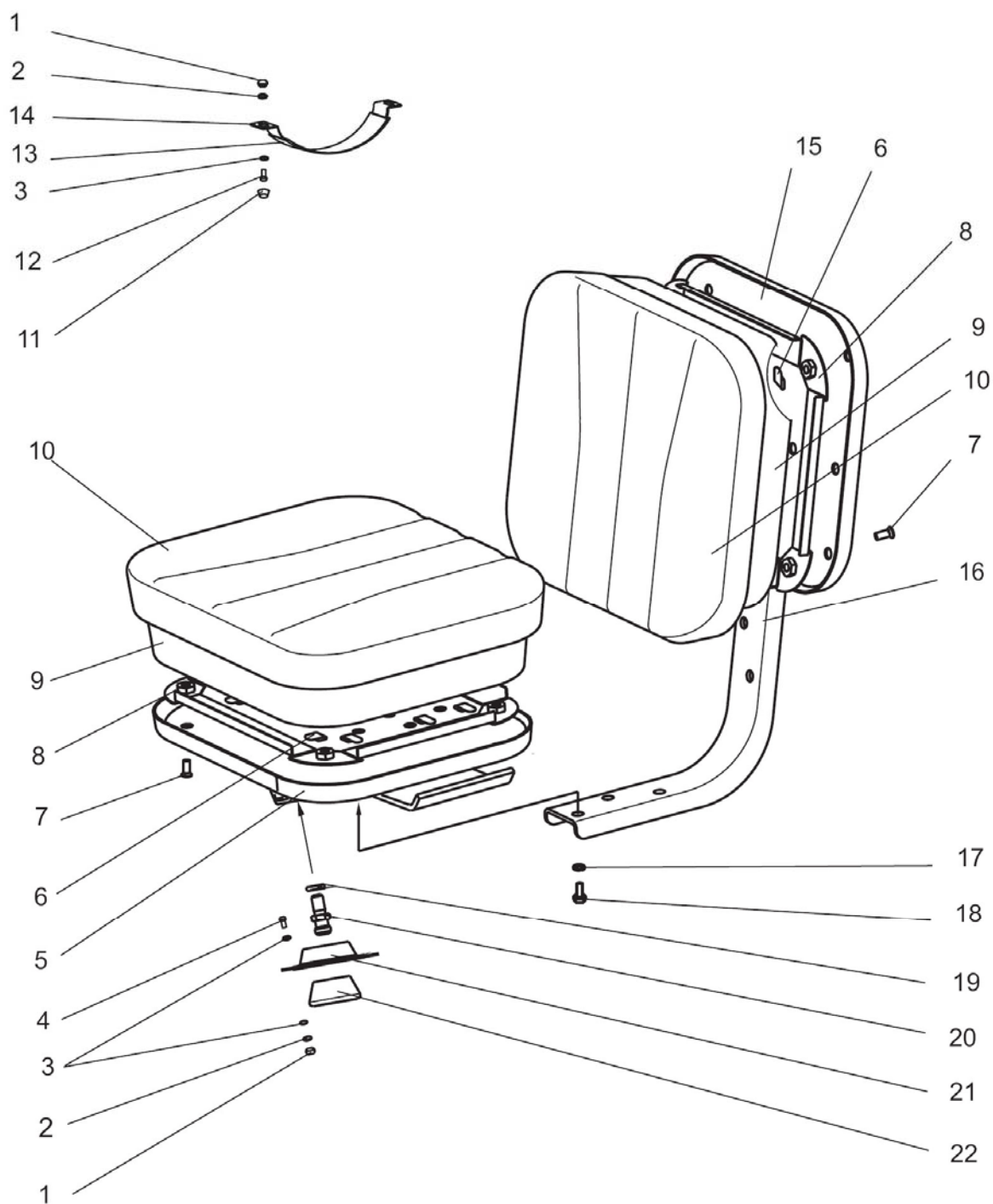


Fig.68.4. Additional seat.

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**Group 68. Driver seat
Subgroup 6809. Additional seat**

Fig. No.	Pos. No.	Designation	Q-ty	Description
68.4	1	M6-6H.6.019 ГОСТ 5915-70	6	Nut
	2	6T OCT 37.001.115-75	6	Washer
	3	C 6.01.019 ГОСТ 11371-78	10	Washer
	4	M6-6gx30.88.35.019 ГОСТ 7798-70	4	Bolt
	5	1221-6809020	1	Base
	6	2522-6809012	20	Clamp
	7	B.M8-6gx16.58.019 ГОСТ 17475-80	8	Screw
	8	2522-6809030	2	Framework
	9	2522-6809011	2	Cushion
	10	2522-6809040	2	Boot
	11	A30.04.017	2	Cap
	12	M6-6gx16.88.35.019 ГОСТ 7798-70	2	Bolt
	13	A37.08.019-01	1	Handrail seal
	14	A37.07.011	1	Band
	15	2522-6809060	1	Base
	16	2522-6809006	1	Framework
	17	8T OCT 37.001.115-75	6	Washer
	18	M8-6gx16.88.35.019 ГОСТ 7796-70	6	Bolt
	19	10 OT OCT 37.001.115-75	2	Washer
	20	70-6700031	2	Holder
	21	70-6700116	2	Liner
	22	50-3711038	2	Headlight support

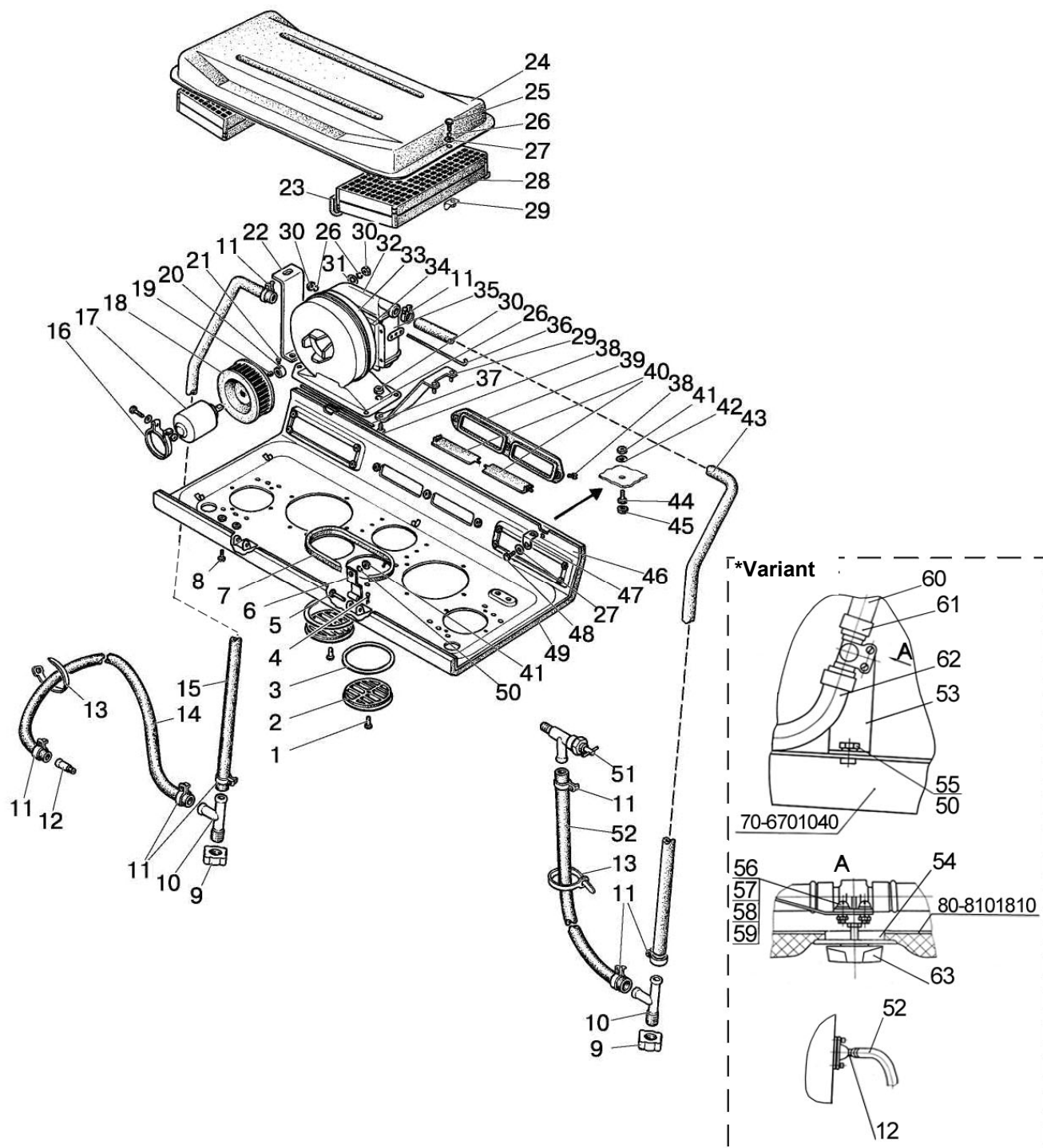


Fig.81.1. Heater

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Group 81. Heater
Subgroup 8101. Heater

Fig. No.	Pos. No.	Designation	Q-ty	Description
81.1		80-8101720		Heater (16-22, 26, 29-36)
		80-8101810		Panel (1-8, 27, 37-40, 46, 47-49)
		80-8101830		Heater fitting (9-15, 43,51,52)
	1	6x18 OCT 37.001.163-75	2	Pin
	2	150.95.301	2	Air distributor
	3	80-8100013	2	Liner
	4	2x12.019 GOCT 397-79	2	Cotter pin
	5	50-8400031	2	Axle
	6	80-8100048	2	Loop
	7	80-8101714-07	1	Seal
	8	2x12.019 GOCT 397-79	2	Cotter pin
	9	80-8100052	2	Plug
	10	80-8100051	2	T-branch
	11	XC-23	8	Clamp
	12	80-8100023	1	Connecting pipe
	13	80-3723045-01	3	Cuff
	14	80-8102015-02	1	Hose L=1740 mm
	15	80-8101015	1	Hose L=2080 mm
	16	XC-76	1	Clamp
	17	9742.3730	1	Electric motor
	18	80-8104034	1	Rotor
	19	M4-6H.6.019 GOCT 5927-70	1	Nut
	20	80-8104039	1	Ring
	21	B.M4-6gx10.58.019 GOCT 17473-80	1	Screw
	22	80-8101721	1	Brace
	23	80-8101714-04	2	Seal
	24	80-8101760	1	Cover
	25	M6-6gx20.88.35.019 GOCT 7798-70	2	Bolt
	26	6T OCT 37.001.115-75	11	Washer
	27	C 6.01.019 GOCT 6958-78	4	Washer
	28	80-8104070	2	Filter
	29	80-8101820	1	Suspension
	30	M6-6H.6.019 GOCT 5915-70	10	Nut
	31	C 6.01.019 GOCT 11371-78	3	Washer
	32	70Y-8101070-A or	1	Heater radiator
		PO-8101070 or	1	Heater radiator
		41.035-1013010 or	1	Heater radiator
		1216-8101060	1	Heater radiator
	33	80-8101730-A	1	Cover
	34	ПР32-06	2	Seal
	35	80-8101800	1	Case
	36	80-3703046-A	1	Pin
	37	80-8100014	1	Rod
	38	B.M6-6gx20.58.019 GOCT 17474-80	6	Screw
	39	80-8100011-Б	1	Cover
	40	80-8100012	2	Shutter
	41	M8-6H.6.019 GOCT 5915-70	4	Nut
	42	C 8.01.019 GOCT 6958-78	2	Washer
	43	80-8102015	1	Hose L=2230 mm
	44	M8-6gx35.88.35.019 GOCT 7796-70	2	Bolt
	45	A30.04.017-01	2	Cap
	46	80-8100100	1	Panel
	47	70-6702111	2	Angle piece

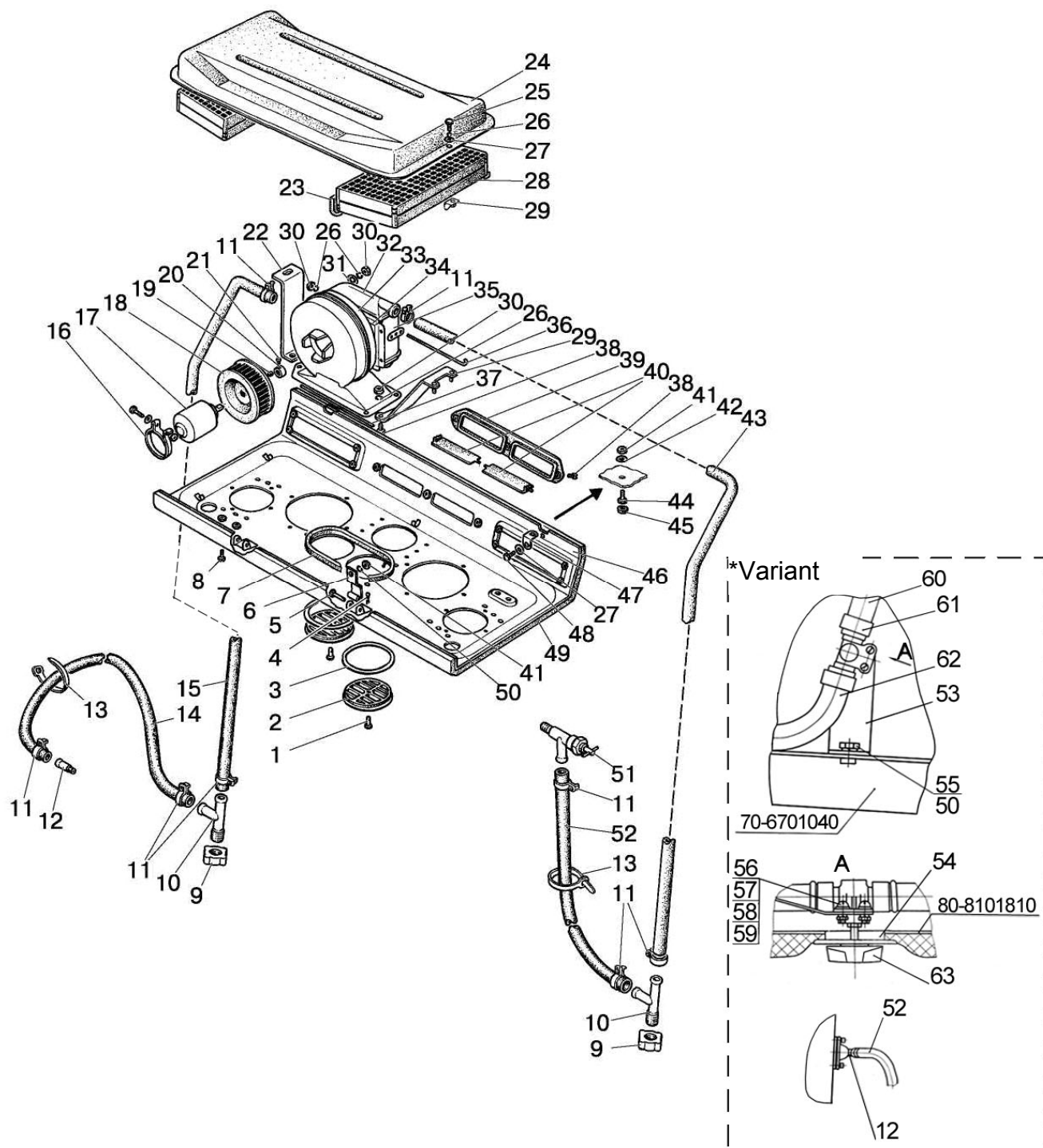


Fig.81.1. Heater

Subgroup 8101. Heater

Fig. No.	Pos. No.	Designation	Q-ty	Description
81.1	48	M6-6gx16.88.35.019 ГОСТ 7798-70	2	Bolt
	49	80-8101713	1	Upholstery
	50	8T OCT 37.001.115-75	2	Washer
	51	BC-11	1	Cock
	52	80-8102015-03	1	Hose L=450 mm

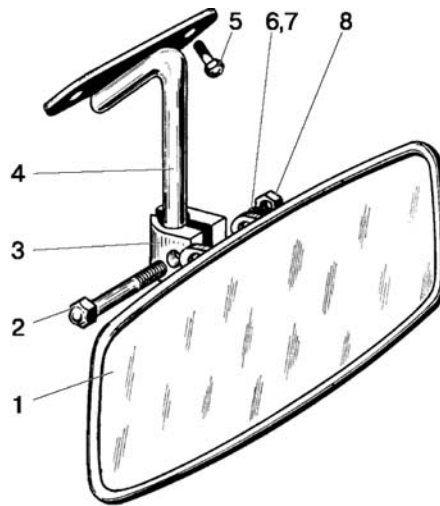


Fig.82.1. Internal rear-view mirror

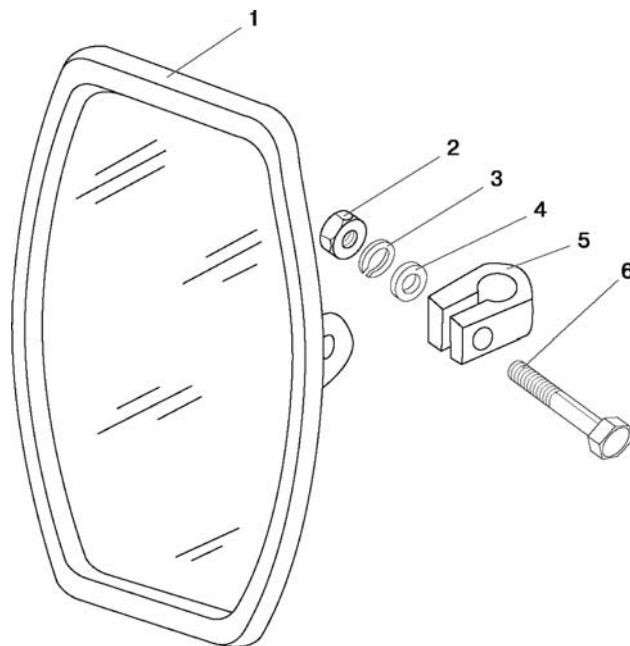


Fig.82.2. Side rear-view mirror

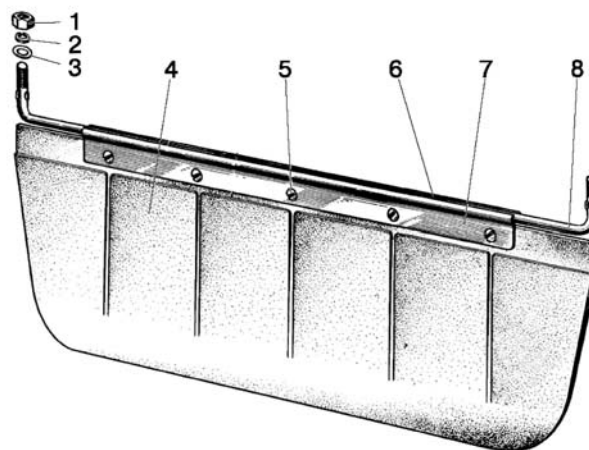


Fig.82.3. Sun visor

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
82.1	1	80-8201035	1	Mirror
	2	M8-6gx25.88.35.019 ГОСТ 7796-70	1	Bolt
	3	A3O.04.071	1	Buckle
	4	80П-8201025	1	Bracket
	5	B.M6-6gx16.58.019 ГОСТ 17473-80	2	Screw
	6	C 8.01.019 ГОСТ 11371-78	1	Washer
	7	8T OCT 37.001.115-75	1	Washer
	8	M8-6H.6.019 ГОСТ 5915-70	1	Nut

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
82.2	1	80-8201055	2	Side rear-view mirror
	2	M8-6H.6.019 ГОСТ 5915-70	2	Nut
	3	8T OCT 37.001.115-75	2	Washer
	4	C 8.01.019 ГОСТ 11371-78	2	Washer
	5	A3O.04.051	2	Clamp
	6	M8-6gx40.88.35.019 ГОСТ 7795-70	2	Bolt

Group 82. Cab accessories
Subgroup 8204. Sun visor

Fig. No.	Pos. No.	Designation	Q-ty	Description
82.3		80П-8204010	1	Sun visor (4-8)
	1	M6-6H.6.019 ГОСТ 5915-70	2	Nut
	2	6T OCT 37.001.115-75	2	Washer
	3	C 6.01.019 ГОСТ 6958-78	2	Washer
	4	70-8204011-A	1	Visor
	5	B.M4-6gx10.58.019 ГОСТ 17473-80	5	Screw
	6	70-8204015	1	Holder
	7	70-8204014	1	Holder
	8	80П-8204011-01	1	Axle

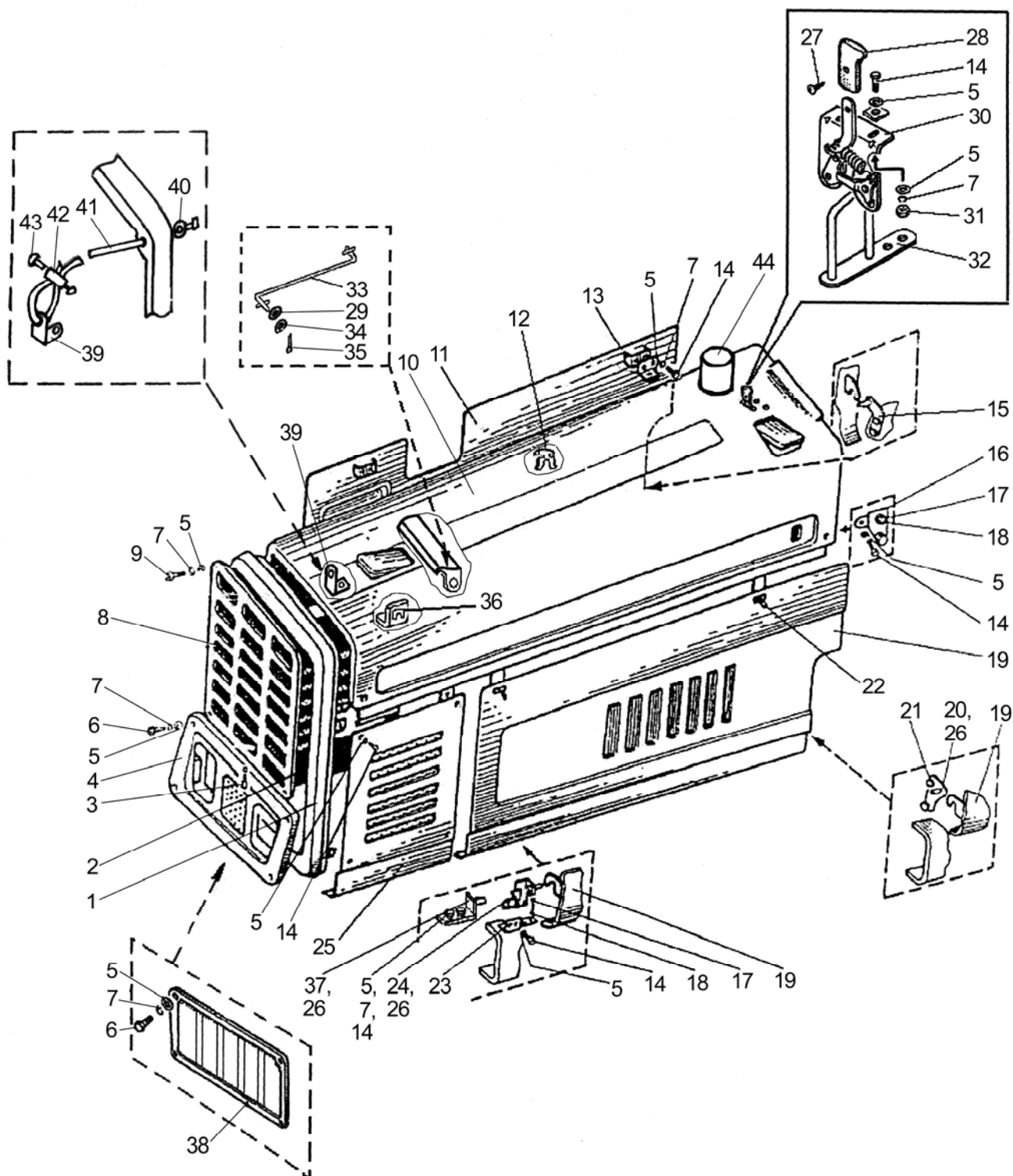


Fig.84.1. Facing

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900/920/950/952

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

Fig. No.	Pos. No.	Designation	Q-ty		Description
			900/900.2 920/920.2	950/950.2 952/952.2	
84.1	1	90-8402030 90-8402030-01**	1	1	Frame
	2	90-8402025-01	1	1	Right side piece
	3	M10-6gx25.88.35.019 ГОСТ 7796-70	4	4	Bolt
		C 10.01.019 ГОСТ 6958-78	4	4	Washer
		10 OT OCT 37.001.115-75	4	4	Washer
	4	90-8401080	1	1	Grill
	5	C 6.01.019 ГОСТ 6958-78	34(26*)	34(26*)	Washer
	6	M6-6gx35.88.35.019 ГОСТ 7798-70	4	4	Bolt
	7	6T OCT 37.001.115-75	34(26*)	34(26*)	Washer
	8	90-8401120	1	1	Grill
	9	M6-6gx20.88.35.019 ГОСТ 7798-70	2	2	Bolt
	10	90-8402020	1	-	Bonnet
		90-8402020-01*	1	-	Bonnet
		90-8402020-02	-	1	Bonnet
		90-8402020-03*	-	1	Bonnet
	11	90-8402320	1	-	Right side piece
		90-8402320-01	-	1	Right side piece
	12	90-8400021	1	1	Clamp
	13	90-8402410	2	2	Left lock
		90-8402410-01	2	2	Right lock
	14	M6-6gx16.88.35.019 ГОСТ 7798-70	28(20*)	28(20*)	Bolt
	15	90-8401065	1	1	Support
	16	90-8401040-01	1	1	Right bracket
		90-8401040	1	1	Left bracket
	17	M8-6gx20.88.35.019 ГОСТ 7796-70	8	8	Bolt
	18	8T OCT 37.001.115-75	8	8	Washer
	19	90-8402310	1	1	Left side piece
	20	90-8401060	1	1	Support
	21	M12-6gx55.88.35.019 ГОСТ 7795-70	1	1	Bolt
		M12-6H.6.019 ГОСТ 5915-70	1	1	Nut
		12 OT OCT 37.001.115-75	2	2	Washer
		C 12.01.019 ГОСТ 6958-78	1	1	Washer
	23	90-8401031	1	1	Left bracket
		90-8401031-01	1	1	Right bracket
	24	90-8401050-01	1	1	Left bracket
		90-8401050	1	1	Right bracket
		90-8401055*	1	1	Left bracket
		90-8401055-01*	1	1	Right bracket
	25	90-8402025	1	1	Left side piece
	26	90-8400056-01	6(2*)	6(2*)	Bush
	27	4x10.019 ТУ РБ 400024166.001-2000	1	1	Wood screw
	28	80-6105056	1	1	Handle
	29	549A-1305044	1	1	Ring
	30	80-8402410	1	1	Lock
	31	M6-6H.6.019 ГОСТ 5915-70	2	2	Nut
	32	90-8402420-Б	1	1	Cramp
	33	90-8400070	1	1	Rod
	34	C 8.01.019 ГОСТ 6958-78	1	1	Washer
	35	3,2x25.019 ГОСТ 397-79	1	1	Cotter pin

* Variant without side piece 90-8402310 and 90-8402320

** For external headlights

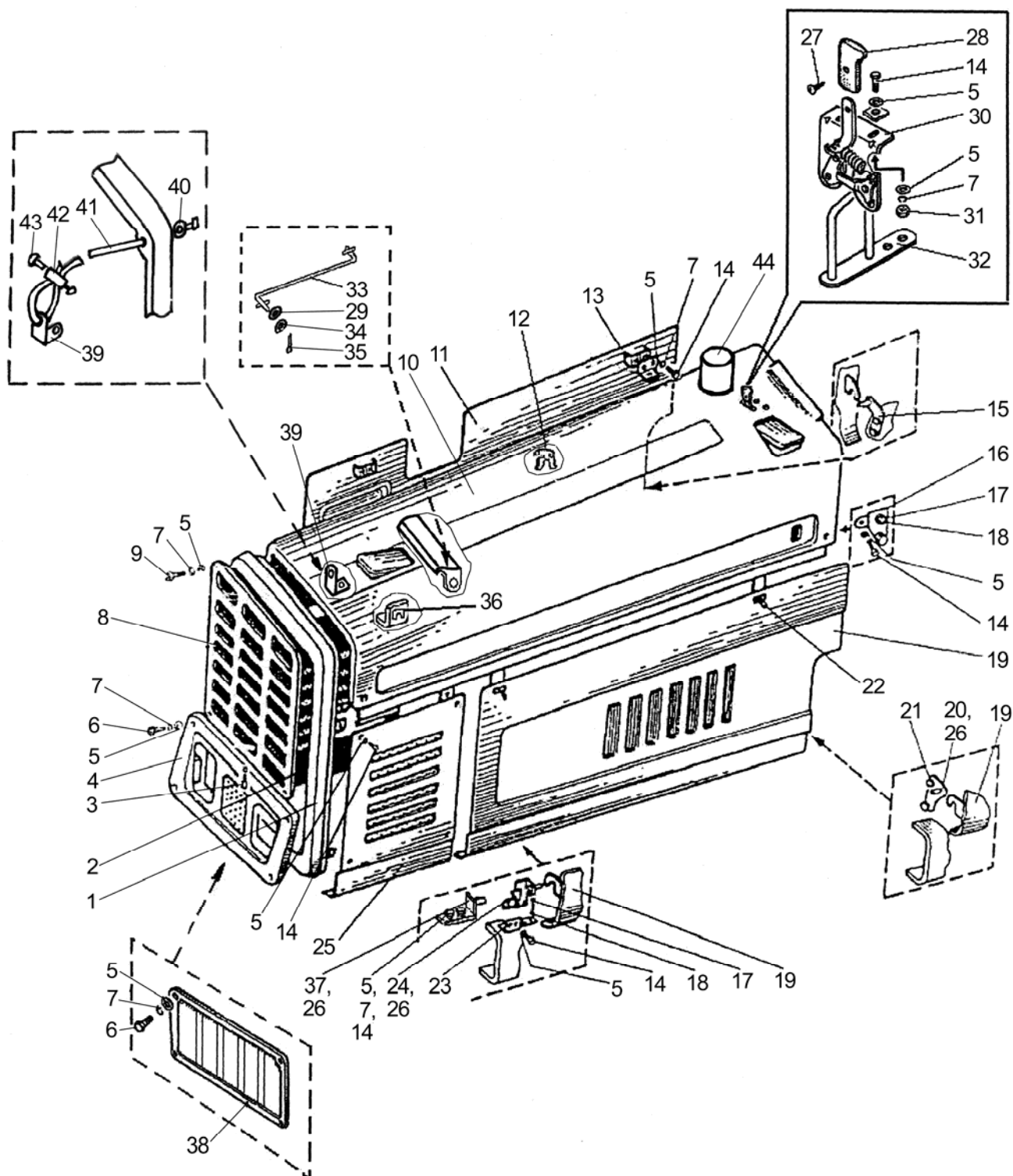


Fig.84.1. Facing

Group 84. Empennage
Subgroup 8400. Facing

Fig. No.	Pos. No.	Designation	Q-ty		Description
			900/900.2 920/920.2	950/950.2 952/952.2	
84.1	36	90-8400012-Б	1	1	Bracket
	37	90-8402075	2	2	Catch
	38	90-8401020-Б**	1	1	Grill
	39	70-6702111	1	1	Angle piece
	40	C 4.01.019 ГОСТ 11371-78	1	1	Washer
	41	90-8402050	1	1	Cable
	42	70-4803023	1	1	Coupling
	43	B.M5-6gx12.58.019 ГОСТ 17473-80	2	2	Screw
	44	800-1109002	1	-	Adapter

* Variant without side piece 90-8402310 and 90-8402320

** For external headlights

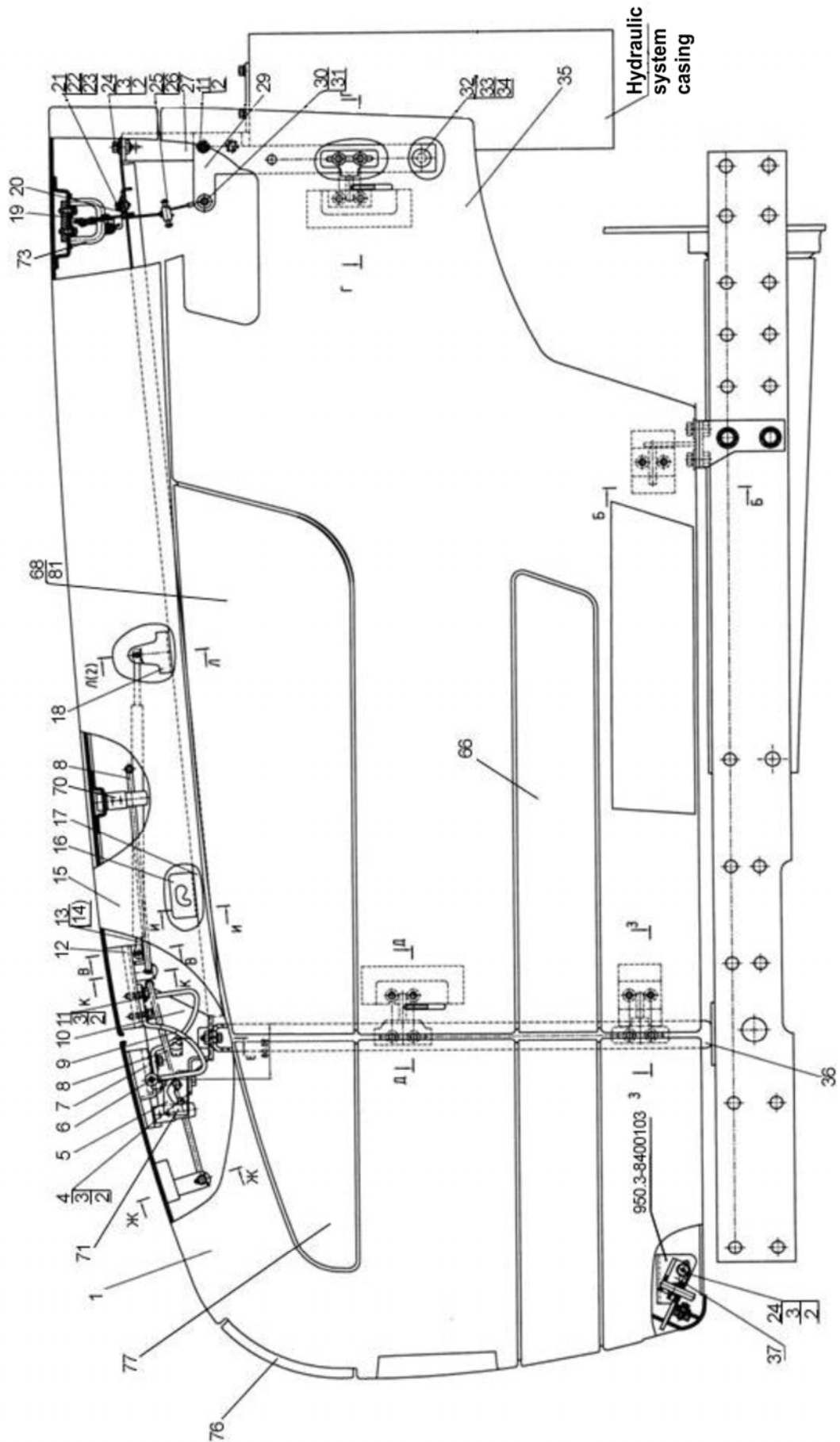


Fig.84.2a Facing (left-side view)

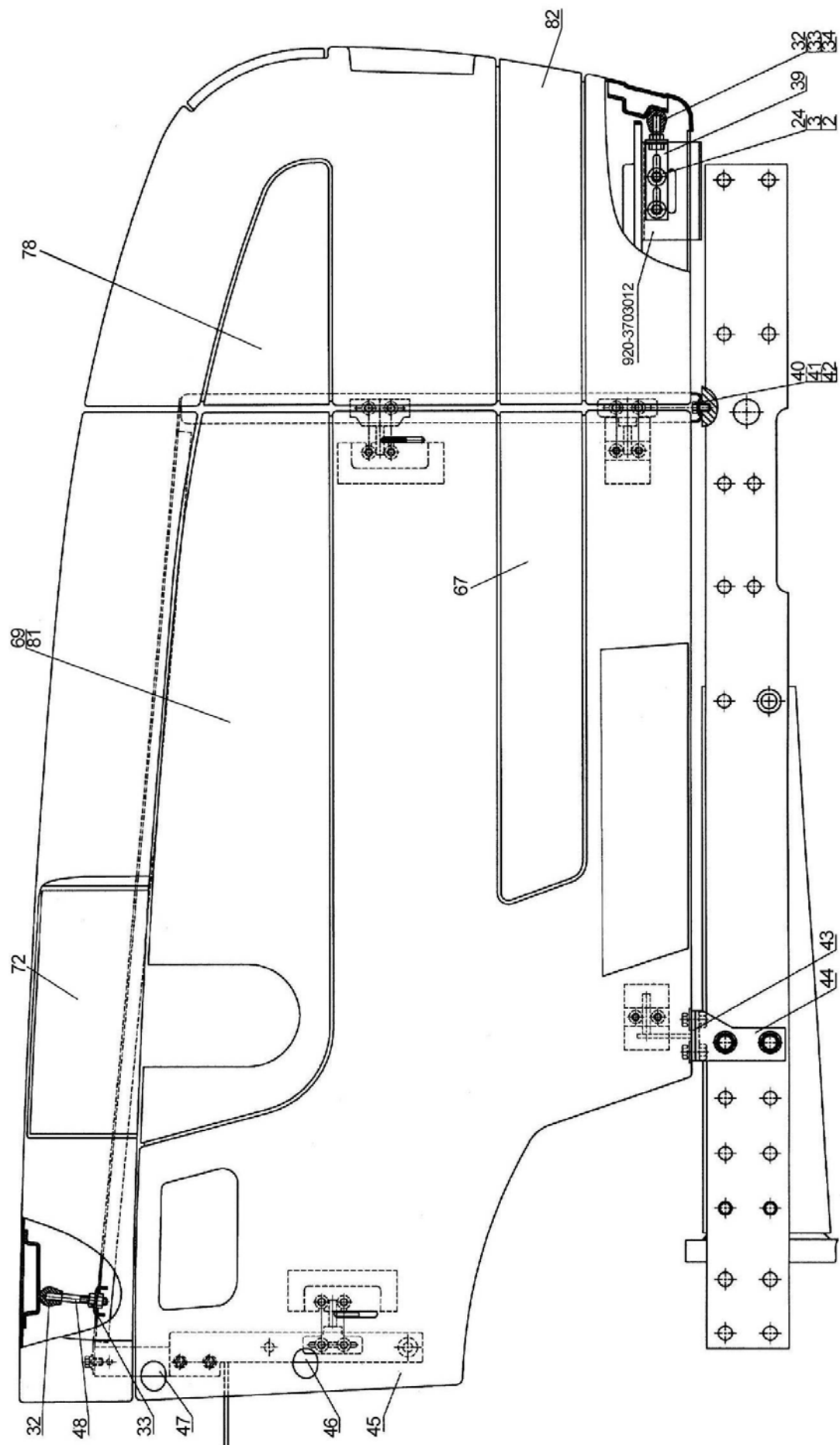


Fig.84.2b Facing (right-side view)

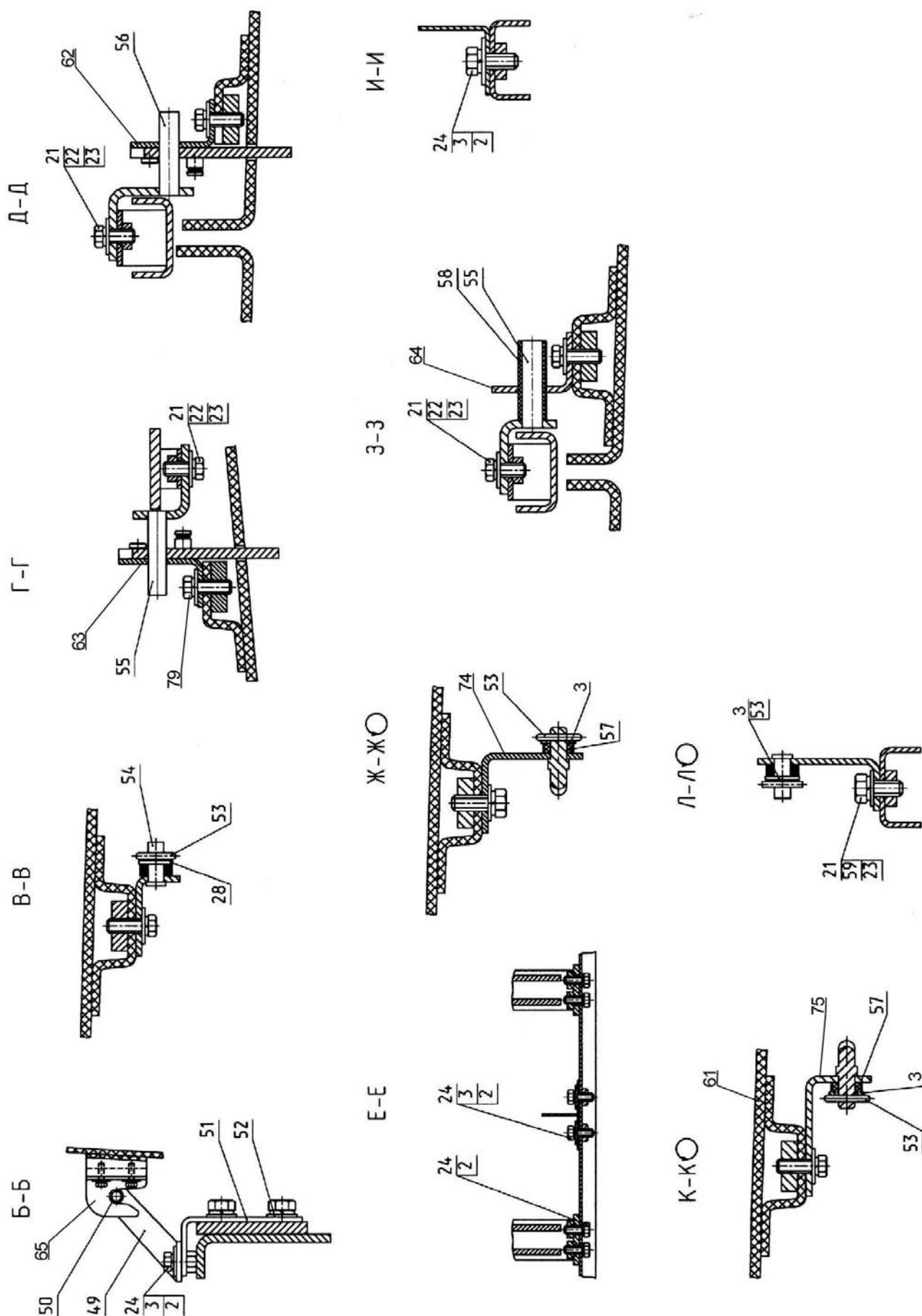


Fig.84.2c Facing (sections)

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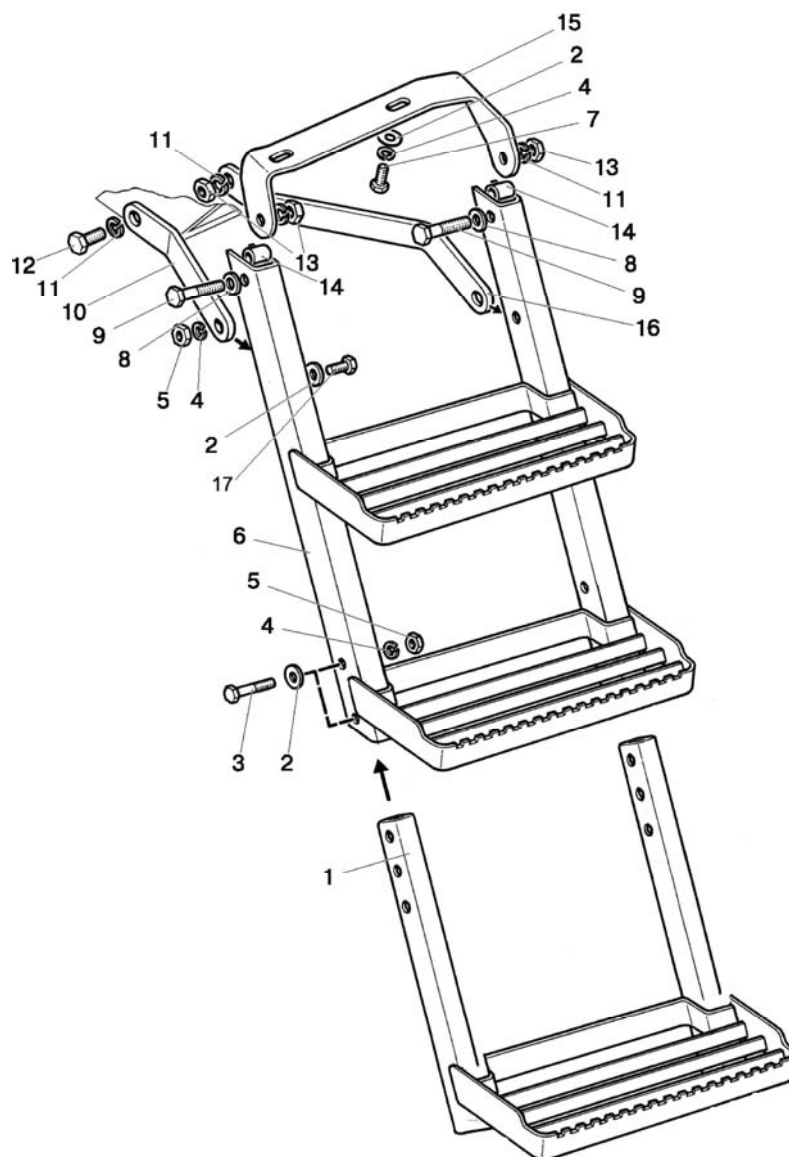
900/920/950/952

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

Fig. No.	Pos. No.	Designation	Q-ty	Description
84.2a	1	950.3-8400015	1	Mask
84.2b	2	8T OCT 37.001.115-75	45	Washer
84.2b	3	C 8.01.019 ГОСТ 6958-78	48	Washer
	4	950.3-8400060	1	Bracket
	5	923-8400060	1	Bracket
	6	923-8400031	4	Axle
	7	950.3-8400012-01	3	Mount
	8	90-8400070-01	2	Rod
	9	923-8400045	4	Loop
	10	950.3-8400040	2	Support
	11	M8-6gx25.88.35.019 ГОСТ 7796-70	16	Bolt
	12	950.3-8400011	2	Mount
	13	11.6.6308010 or	1	Gas spring
	14	21054	1	Air-lift
	15	950.3-8402020	1	Bonnet
	16	90-8400012-B	1	Bracket
	17	1025-8402040-01	2	Brace
	18	80-6708225	1	Bracket
	19	80-8402410	1	Lock
	20	920-8400190	1	Support
	21	M6-6gx16.88.35.019 ГОСТ 7798-70	16	Bolt
	22	C 6.01.019 ГОСТ 6958-78	44	Washer
	23	6T OCT 37.001.115-75	44	Washer
	24	M8-6gx20.88.35.019 ГОСТ 7796-70	30	Bolt
	25	70-4803023	1	Coupling
	26	B.M5-6gx12.58.019 ГОСТ 17473-80	2	Screw
	27	1021-8401065	1	Bracket
	29	950.3-8401060	1	Pillar
	30	822-8400080	1	Control cable
	31	M12x1,25-6H.6.019 ГОСТ 5915-70	1	Nut
	32	70-3401093	6	Lever tip
	33	M10-6H.6.019 ГОСТ 5915-70	6	Nut
	34	M10 3p/6gx35.66.019 ГОСТ 22034-76	4	Pin
	35	950.3-8402310	1	Side piece
	36	950.3-8402025-A	1	Frame
	37	950.3-8400150	1	Bracket
	39	950.3-8400035	2	Bracket
	40	M10-6gx18.88.35.019 ГОСТ 7796-70	4	Bolt
	41	C 10.01.019 ГОСТ 11371-78	4	Washer
	42	10 OT OCT 37.001.115-75	4	Washer
	43	950.3-8401050-01	1	Bracket
	44	950.3-8400140-01	1	Support
	45	950.3-8402320	1	Side piece
	46	950.3-8401065	1	Pillar
	47	1021-8401060	1	Bracket
	48	923-8400033-02	2	Rod
	49	950.3-8401050	1	Bracket
	50	950.3-8400056-02	2	Bush
	51	950.3-8400140	1	Support
	52	C 16.01.019 ГОСТ 11371-78	4	Washer
	53	3,2x25.019 ГОСТ 397-79	8	Cotter pin
	54	80-6707096	1	Axle
	55	1321-8402095-B-01	4	Catch
	56	923-8402095-B	2	Catch

Group 84. Empennage
Subgroup 8400. Facing

Fig. No.	Pos. No.	Designation	Q-ty	Description
84.2a	57	549A-1305044	2	Ring
84.2б	58	950.3-8400056-01	2	Bush
84.2в	61	950.3-8400012	12	Mount
	62	923-8402410	3	Lock
	63	923-8402410-01	2	
	64	950.3-8402313	2	Hook end
	65	950.3-8402313-01	2	
	66	950.3-8402318	1	Grill
	67	950.3-8402318-01	1	
	68	950.3-8402319	1	
	69	950.3-8402322	1	
	70	950.3-8400050	1	Clamp
	71	950.3-8400050-01	1	
	72	950.3-8400095	1	Grill
	73	1221-8402420	1	Cramp
	74	950.3-8400101	1	Bracket
	75	950.3-8400102	1	Bracket
	76	950.3-8401090	1	Grill
	77	950.3-8400017	1	Grill
	78	950.3-8400017-01	1	
	79	M6-6gx20.88.35.019 ГОСТ 7798-70	28	Bolt
	80	M8-6H.6.019 ГОСТ 5915-70	1	Nut (not shown in the figure)
	81	WFS-4213	6	Self-tapping screw
	82	950.3-8401087	1	Grill



84.3. Footstep

Group 84. Empennage
Subgroup 8405. Footstep

Fig. No.	Pos. No.	Designation	Q-ty	Description
84.3		80-8405005-B	1	Left footstep (1-16)
		80-8405005-B-01	1	Right footstep (1-16)
	1	80-8405020-A2	1	Footstep
	2	C 10.01.019 ГОСТ 11371-78	8	Washer
	3	M10-6gx50.88.35.019 ГОСТ 7795-70	4	Bolt
	4	10 OT OCT 37.001.115-75	8	Washer
	5	M10-6H.6.019 ГОСТ 5915-70	6	Nut
	6	80-8405010-A3	1	Footstep
	7	M10-6gx25.88.35.019 ГОСТ 7796-70	2	Bolt
	8	C 12.01.019 ГОСТ 11371-78	2	Washer
	9	M12-6gx60.88.35.019 ГОСТ 7796-70	2	Bolt
	10	80-8405031-B	1	Bracket
	11	12 OT OCT 37.001.115-75	4	Washer
	12	M12-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt
	13	M12-6H.6.019 ГОСТ 5915-70	3	Nut
	14	923-6700111	2	Bush
	15	80-8405030-B	1	Bracket
		80-8405030-B-01	1	Bracket (of the right footstep – optionally)
	16	80-8405032-B	1	Bracket
	17	M10-6gx30.88.35.019 ГОСТ 7796-70	2	Bolt

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Group 84. Empennage
Subgroup 8403. Front fenders (with FDA 72-2300020-A)

Fig. No.	Pos. No.	Designation	Q-ty	Description
84.4		82-8403010-03/-04	1	Fender (1-25)
	1	52-8403018	2	U-bolt
	2	M12-6gx35.88.35.019 ГОСТ 7796-70	6	Bolt
	3	12 OT OCT 37.001.115-75	7	Washer
	4	52-8403011	1	Plate
	5	82-8403021	1	Bracket
	6	C 12.01.019 ГОСТ 11371-78	1	Washer
	7	M12-6gx45.88.35.019 ГОСТ 7796-70	1	Bolt
	8	M10-6H.6.019 ГОСТ 5915-70	12	Nut
	9	10 OT OCT 37.001.115-75	4	Washer
	10	82-8403016	1	Bracket
	11	80-8403041	2	Fender (metallic)
	12	10Л OCT 37.001.115-75	8	Washer
	13	C 10.01.019 ГОСТ 11371-78	8	Washer
	14	80-8403030	2	Shutter
	15	C 10.01.019 ГОСТ 6958-78	8	Washer
	16	M10-6gx35.88.35.019 ГОСТ 7796-70	8	Bolt
	17	500A-8507096	8	Choke
	18	50-8400018	2	Choke
	19	B.M6-6gx16.58.019 ГОСТ 17473-80	8	Screw
	20	C 6.01.019 ГОСТ 11371-78	8	Washer
	21	M6-6H.6.019 ГОСТ 5915-70	8	Nut
	22	80-8403013	2	Slat
	23	50-1301165	8	Gasket
	24	82-8403020	1	Bracket
	25	82-8403016-B	1	Bracket
	Variant (plastic fenders)			
		82-8403010-A/-01	1	Fender (1-13, 15, 16, 24, 25)
	1	52-8403018	2	U-bolt
	2	M12-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	3	12 OT OCT 37.001.115-75	7	Washer
	4	52-8403011	1	Plate
	5	82-8403021	1	Bracket
	6	C 12.01.019 ГОСТ 11371-78	1	Washer
	7	M12-6gx45.88.35.019 ГОСТ 7796-70	1	Bolt
	8	M10-6H.6.019 ГОСТ 5915-70	12	Nut
	9	10 OT OCT 37.001.115-75	4	Washer
	10	82-8403016	1	Bracket
	11	80-8403041-A-01	2	Fender (plastic)
	12	10 OCT 37.001.115-75	8	Washer
	13	C 10.01.019 ГОСТ 11371-78	8	Washer
	15	C 10.01.019 ГОСТ 6958-78	8	Washer
	16	M10-6gx35.88.35.019 ГОСТ 7796-70	8	Bolt
	24	82-8403020	1	Bracket
	25	82-8403016-B	1	Bracket

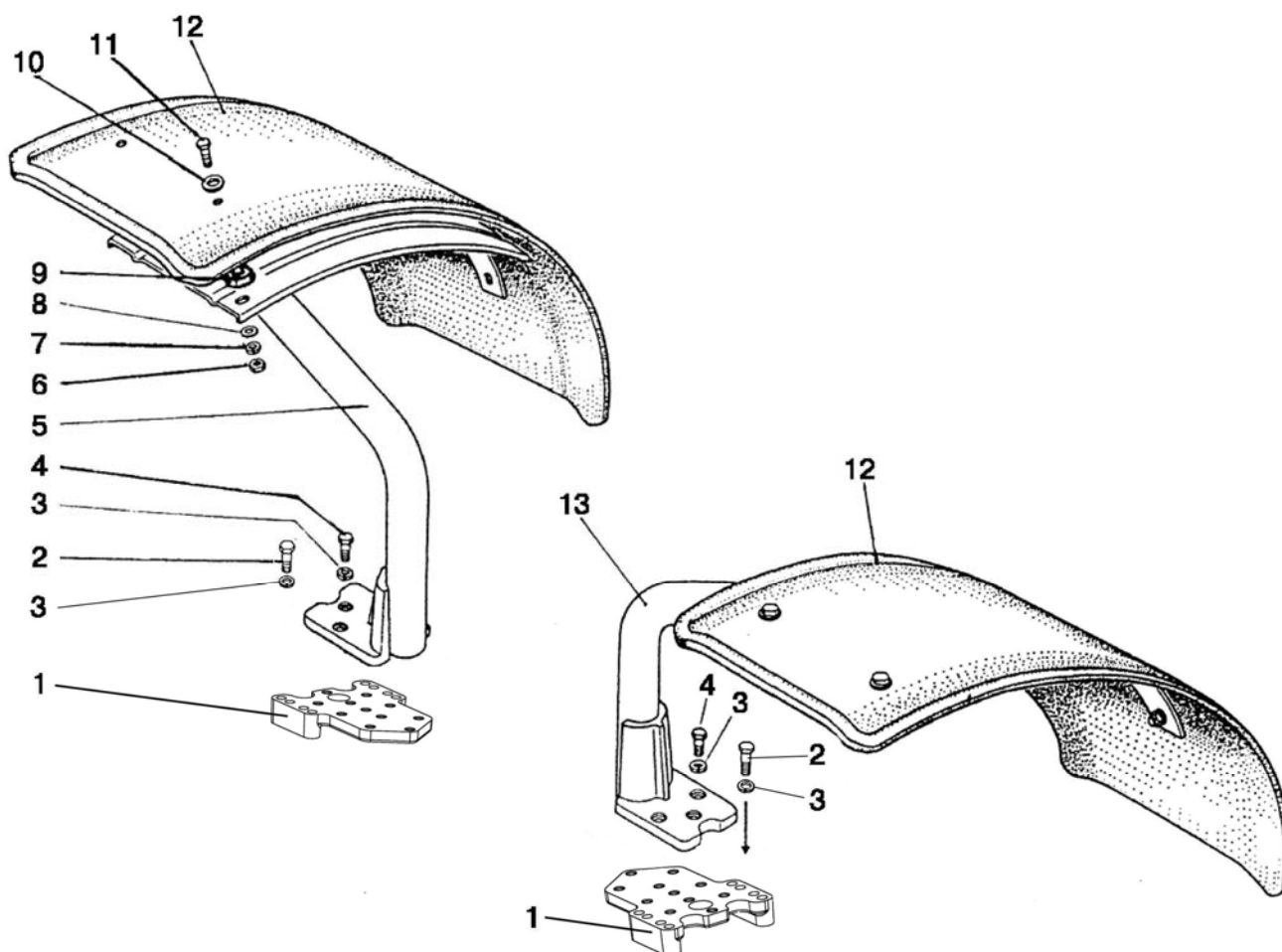


Fig.84.5. Front fenders (for FDA 822-2300020-02 with elongated tubes)

Group 84. Empennage
Subgroup 8403. Front fenders (for FDA 822-2300020-02)

Fig. No.	Pos. No.	Designation	Q-ty	Description
84.5		822-8403010-02/-03	1	Fender (1-13)
	1	822-8403011-Б	2	Base
	2	M12-6gx60.88.35.019 ГОСТ 7796-70	8	Bolt
	3	12 OT OCT 37.001.115-75	14	Washer
	4	M12-6gx30.88.35.019 ГОСТ 7796-70	6	Bolt
	5	822-8403015-01	1	Right pillar
	6	M10-6H.6.019 ГОСТ 5915-70	10	Nut
	7	10Л OCT 37.001.115-75	10	Washer
	8	C 10.01.019 ГОСТ 11371-78	10	Washer
	9	80-4616017	10	Roller
	10	C 10.01.019 ГОСТ 6958-78	10	Washer
	11	M10-6gx40.88.35.019 ГОСТ 7796-70	10	Bolt
	12	822-8403020* or 822-8403020-Б* or 1221-8403014-Б-02** or 1221-8403014-Б1-02**	2	Fender
	13	822-8403015	1	Left pillar

* In case of fitting the tyres 13,6-20 or 13,6R20

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

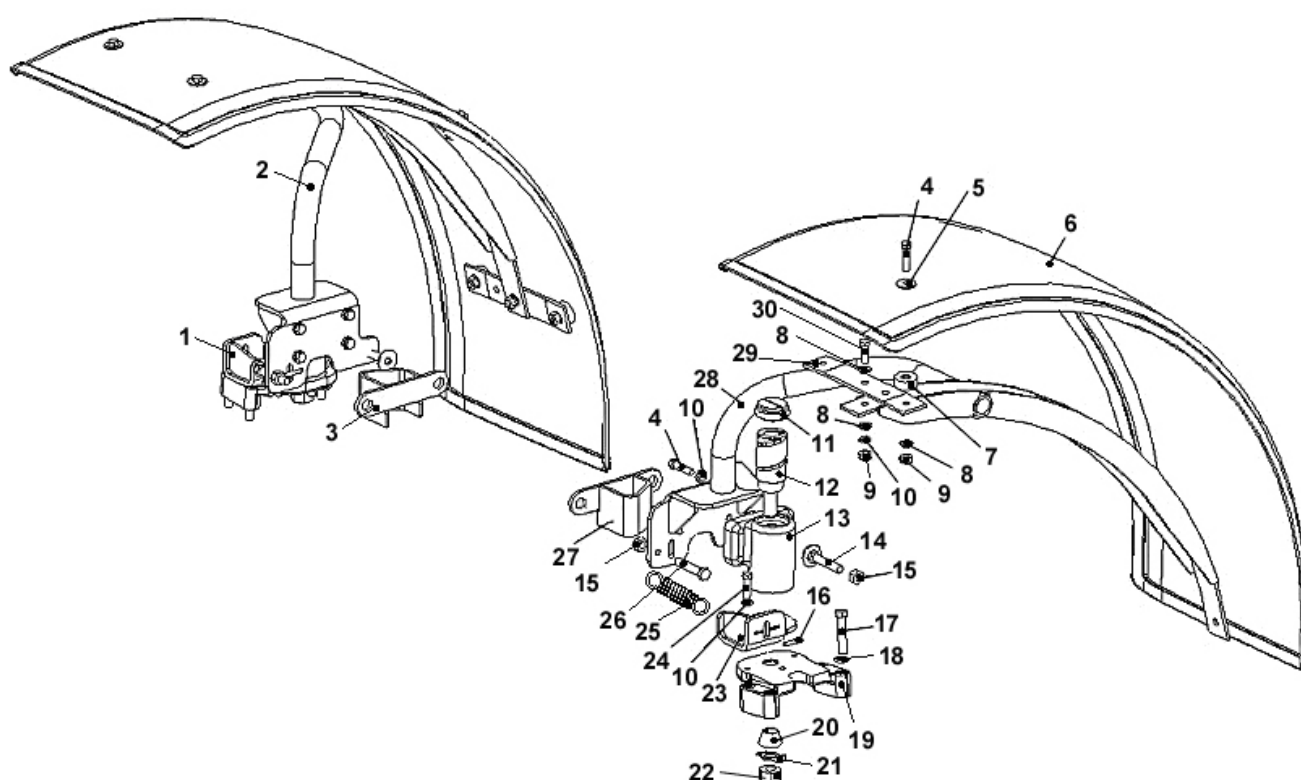


Fig.84.6. Front fenders (for FDA 822-2300020-04 with short tubes)

Group 84. Empennage
Subgroup 8403. Front fenders
(for FDA 822-2300020-04 with short tubes)

Fig. No.	Pos. No.	Designation	Q-ty	Description
84.6		822-8403100/-01	1	Fender
	1	822-8403110-01	1	Bracket
	2	822-8403115-01	1	Pillar
	3	822-8403120	1	Stop
	4	M10-6gx40.88.35.019 ГОСТ 7796-70	20	Bolt
	5	C 10.01.019 ГОСТ 6958-78	12	Washer
	6	822-8403114	2	Fender
	7	80-4616017	12	Roller
	8	C 10.01.019 ГОСТ 11371-78	24	Washer
	9	M10-6H.6.019 ГОСТ 5915-70	18	Nut
	10	10 OT OCT 37.001.115-75	16	Washer
	11	822-8403109	2	Choke
	12	822-8403107	2	Axle
	13	822-8403106	1	Bracket
	14	822-8403130	2	Stop
	15	M12-6H.6.019 ГОСТ 5915-70	4	Nut
	16	822-8403101	4	Pin
	17	M12-6gx60.88.35.019 ГОСТ 7796-70	8	Bolt
	18	12 OT OCT 37.001.115-75	8	Washer
	19	822-8403108	2	Base
	20	822-8403129	2	Bush
	21	20 OT OCT 37.001.115-75	2	Washer
	22	M20-6H.6.019 ГОСТ 5915-70	2	Nut
	23	822-8403110	1	Bracket
	24	M10-6gx35.88.35.019 ГОСТ 7796-70	2	Bolt
	25	822-8403102	2	Spring
	26	M12-6gx50.88.35.019 ГОСТ 7795-70	2	Bolt
	27	822-8403120-01	1	Stop
	28	822-8403115	1	Pillar
	29	822-8403104	6	Strip
	30	M10-6gx30.88.35.019 ГОСТ 7796-70	6	Bolt

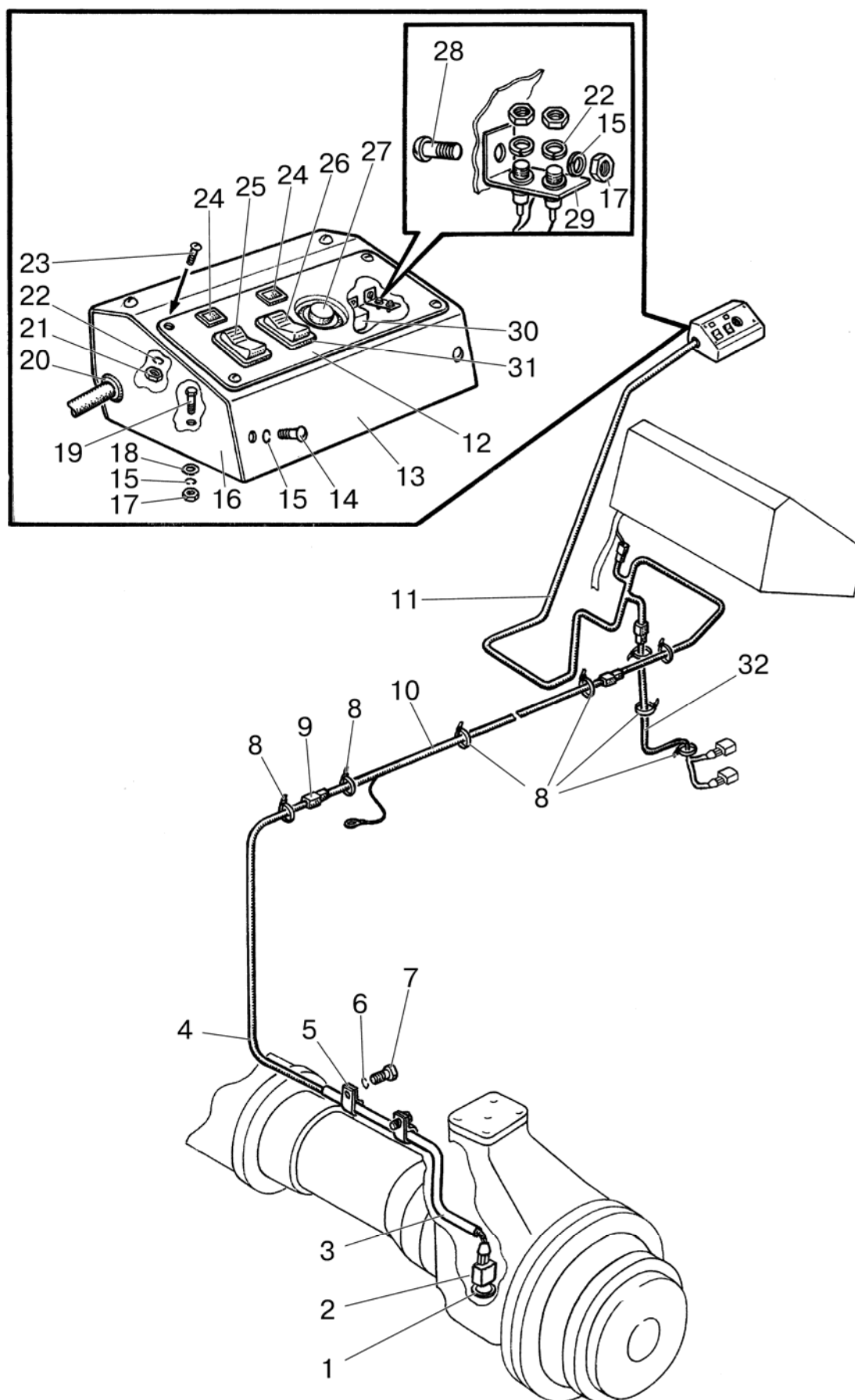


Fig.87.1. Differential lock and PTO control (electrical part)
for Belarus- 920.2/920.3/952.2/952.3

Group 87. Control system
Subgroup 8700. Differential lock and PTO control (electrical part)
for Belarus- 920.2/920.3/952.2/952.3

Fig. No.	Pos. No.	Designation	Q-ty	Description
87.1	1	50-1702048	10 (max)	Adjusting spacer
	2	BK 12-51	1	Switch
	3	822-8700021	1	Pipe
	4	1221-3724840-B	1	Bundle
	5	1221-8700022	2	Clamp
	6	8T OCT 37.001.115-75	2	Washer
	7	M8-6gx16.88.35.019 ГОСТ 7796-70	2	Bolt
	8	80-3723045	14	Cuff
	9	602602	1	Female connector
	10	822-3724825	1	Bundle
	11	1021-3724820	1	Bundle
	12	1021-8700316	1	Panel
	13	1221-6700411	1	Cover
	14	BM6-6gx12.58.019 ГОСТ 17473-80	4	Screw
	15	6T OCT 37.001.115-75	8	Washer
	16	1221-6700420	1	Base
	17	M6-6H.6.019 ГОСТ 5915-70	4	Nut
	18	C6.01.019 ГОСТ 11371-78	2	Washer
	19	M6-6gx35.88.35.019 ГОСТ 7798-70	2	Bolt
	20	70-3723042-01	1	Bush
	21	M5-6H.6.019 ГОСТ 5927-70	4	Nut
	22	5T OCT 37.001.115-75	6	Washer
	23	BM5-6gx16.58.019 ГОСТ 17475-80	4	Screw
	24	2202.3603-34 or 12.3803-31	2	Pilot lamp
	25	П150-06.17 or П150М-06.14	1	Switch
	26	П147-01.17 or П147М-01.17	1	Switch
	27	BK12-1	1	Switch
	28	BM6-6gx16.58.019 ГОСТ 17473-80	2	Screw
	29	1522-8700221	1	Bracket
	30	90.3747	2	Relay
	31	80-3801021	2	Switch socket
	32	1021-3724830-Д	1	Bundle