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COUNTRY **USSR.**

REPORT

SUBJECT **List of Parts for Undercarriage of Soviet IL-28 Aircraft**

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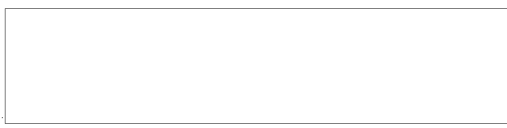
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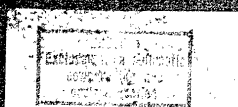
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ILL-28 AIRCRAFT
LIST OF PARTS
BOOK II
UNDERCARRIAGE



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A I R C R A F T I L - 28.

LIST OF PARTS

Book II.

U N D E R C A R R I A G E .

PART I.

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UNDERCARRIAGE

2.

Fig. No.	Position	Group UNDERCARRIAGE		How many for one engine	Weight of one part in g	Material
		Drawing No.	Denotation and overall dimensions			
65	1	4200-0	General view of the undercarriage			
	2	4100-0-1; -2	Installation of the undercarriage nose leg (see Fig. 66)			
	3	4160-0	Installation of the undercarriage main legs (see Fig. 84-1)			
	4	4160-0	Control of the undercarriage upper locks (see Fig. 104)			
	5	5500-0	Lay-out of the pneumatic system (see Fig. 111)			
		5500-0	Control of the brakes and flaps (see Fig. 151)			

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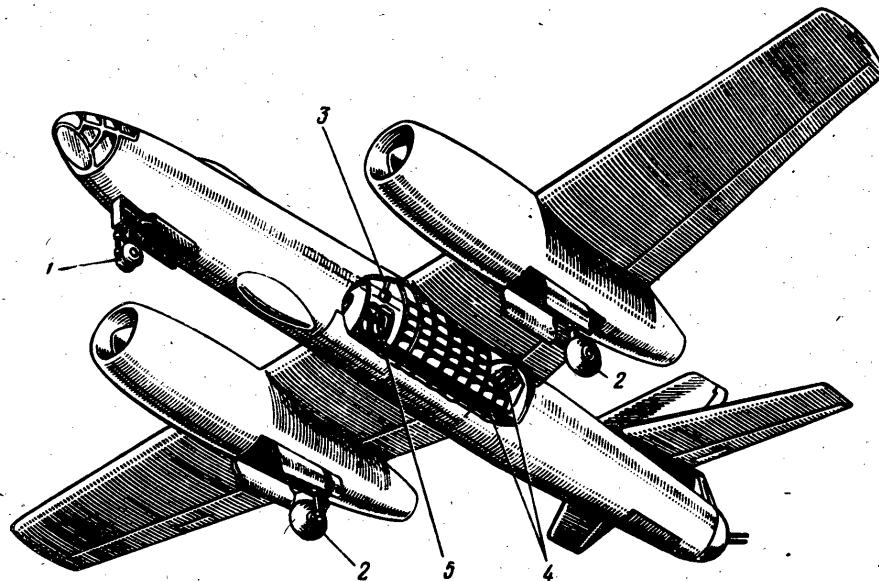


Fig.65. General view of the undercarriage.

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UNDERCARRIAGE NOSE LEG

4.

Fig.	Position	Group UNDERCARRIAGE		How many for one engine	Weight of one part in g	Material
		Sub-group Undercarriage nose leg				
		Drawing No.	Denotation and overall dimensions			
66		4200-0 /assy/	Installation of the undercarriage nose leg	1	201495 kg	
	1	4210-0 /assy/	Undercarriage nose leg /see Fig.67/	1	83090 kg	
	2	4284-0 /assy/	Shield of the undercarriage nose leg /see Fig.80/	1	3145	
	3	4285-0 /assy/	Right immovable door of the nose leg /see Fig.81/	1	1700	
	4	1875C10-36	Bolt /see Fig.52-2,Book V/	2	32	
		234A1-10-20	Washer /see Fig.56,Book V/	2	2	
		1406C10	Nut /see Fig.53,Book V/	2	7	
		2.5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	2	1	
	5	IN 144-10-14-12	Bush /see Fig.56,Book V/	2	7	
	6	4260-0 /assy/	Blocking valve of the cylinder actuating the nose leg doors /see Fig.75/	1	760	
	7	4220-0 /assy/	Actuating cylinder /jack/ of the nose leg /see Fig.71/	1	6851	
	8	4240-0 /assy/	Diagonal strut of the nose leg /see Fig.76/	1	19200 kg	
	9	4290-0 /assy/	Nose leg transmitter /see Fig.74/	1	633	
	10	4281-0 /assy/	Control mechanism of the nose leg doors /see Fig.78/	1	5854	
	11	4250-0 /assy/	Lock for securing the nose leg in retracted position /see Fig.73/	1	2640	
	12	4283-0-1 /assy/	Nose leg door /see Fig.83/	1	6130	
	13	4283-0-2 /assy/	Nose leg door /see Fig.83/	1	6130	
	14	4230-0 /assy/	Spring loaded cylinder /see Fig.72/	1	22790kg	
	15	4286-0 /assy/	Left fixed door of the nose leg /see Fig.82/	1	1500	

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66	16	1875C10-50	Bolt /see Fig.52-2,Book V/	1	41	50X1		
		1406C10	Nut /see Fig.53,Book V/	1	7			
		234A1-10-20	Washer /see Fig.55,Book V/	1	2			
		2.5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	1	1			
	17	4200-1	Bolt 24x28x70.	1	154		30XICA	
		1406C18	Nut /see Fig.53,Book V/	1	27			
		234A2-18-32	Washer /see Fig.53,Book V/	1	8			
		3x45 stand.397-41	Cotter pin /see Fig.110,Book V/	1	2			
	18	123A	Staufel lubricator /see Fig.109,Book V/	1	6			
		1875C10-58	Bolt /see Fig.52-2,Book V/	1	46			
	19	1406C10	Nut /see Fig.53,Book V/	1	7			
		234A1-10-20	Washer /see Fig.55,Book V/	1	2			
		2.5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	1	1			
	67		4210-0 /assy/	<u>Undercarriage nose leg</u>	1		83.09 kg	
		1	1248C12-35	Taper bolt /see Fig.52-1,Book V/	4		31	
			1406C10	Nut /see Fig.53,Book V/	4		5	
			2.5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	4		1	
		2	4210-13	Washer	4		22	Steel 45
1875C10-94			Bolt /see Fig.52-2,Book V/	1	67			
3		1406C10	Nut /see Fig.53,Book V/	1	5			
		4210-1	Pin 40x40x101	2	510	30XICA "Ce nekT"		
4		1875C8-84	Bolt /see Fig.52-2,Book V/	4	36			
		1419C8	Nut /see Fig.53,Book V/	4	4			
5		4210-4	Support bracket 75x72x54	1	350	30XICA		
6		4210-18	Girder 150x247x560	1	8646	hot stamp. AK6 hot stamp.		
7		4211-0 /assy/	Nose leg shock-absorber /see Fig.68/	1	51.470kg			
8		1419 909-10-8-64	Bolt /see Fig.52-1,Book V/	2	48			
		1406C8	Nut /see Fig.53,Book V/	2	9			
	243A1.5-10-16	Washer /see Fig.53,Book V/	2	1				

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67		2x25 stand.397-41	Cotter pin /see Fig.110,Book V/	2	1	
	9	4210-50	Vibration damper fastener /welded/	1	3248	50X1
	10	4210-24 /assy/	Label with band fasteners 138x150x45	1	129	
		4210-24-1	Label 177x45	1	37	^ 16T
		4210-24-2	Band fastener 450x12	2	42	Steel 20
		851A2.6-6	Rivet /see Fig.54,Book V/	8		
		1315C5-12	Screw /see Fig.52-1,Book V/	2	2	
		1400C5	Nut /see Fig.53,Book V/	2	1	
	11	1805C6-6 ¹	Screw /see Fig.52-1,Book V/	2	1	
		117747-5-6 ²	Screw /see Fig.52-1,Book V/	2	1	
	12	4210-9	Nut 142x142x18	1	360	30XTCA
	13	4210-15	Clamp 55x40x15	2	73	30XTCA hot stamp
	14	4210-27	Bolt 16x14x29	1	15	30XTCA
		1811C8	Nut /see Fig.53,Book V/	1	5	
		2x20 stand 397-41	Cotter pin /see Fig.110,Book V/	1	1	
	15	4210-25 ³	Bolt 22x19x53	4	70	30XTCA
		1406C12 ³	Nut /see Fig.53,Book V/	4	10	
		234A2-14-22 ³	Washer /see Fig.55,Book V/	4	5	
		2.5x35 stand.	Cotter pin /see Fig.110,Book V/	4	1.5	
		397-41 ⁴				
		4210-25 ⁴	Bolt 20x17x53	4	48	30XTCA
		1406C10 ⁴	Nut /see Fig.53,Book V/	4	8	
		234A2-12-20 ⁴	Washer /see Fig.55,Book V/	4	3	
		25x30 stand.397-41	Cotter pin /see Fig.110,Book V/	4	1	
	1	Is being installed on	the aircrafts with Nos.starting from			
	2	Is being installed on	6450201, 530512301, 0616601.			
	3	Is being installed on	the aircrafts with Nos.starting from			
	4	Is being installed on	6450101, 30500101 up to Nos.6450201, 530512220, 0516605.			
		Is being installed on	the aircrafts with Nos.starting from			
		Is being installed on	6450301, 530511901, 0616601.			
		Is being installed on	the aircrafts with Nos.starting from			
		Is being installed on	6450101, 30500101, 0116601 up to Nos.			
		Is being installed on	64500301, 30501820, 0516605.			

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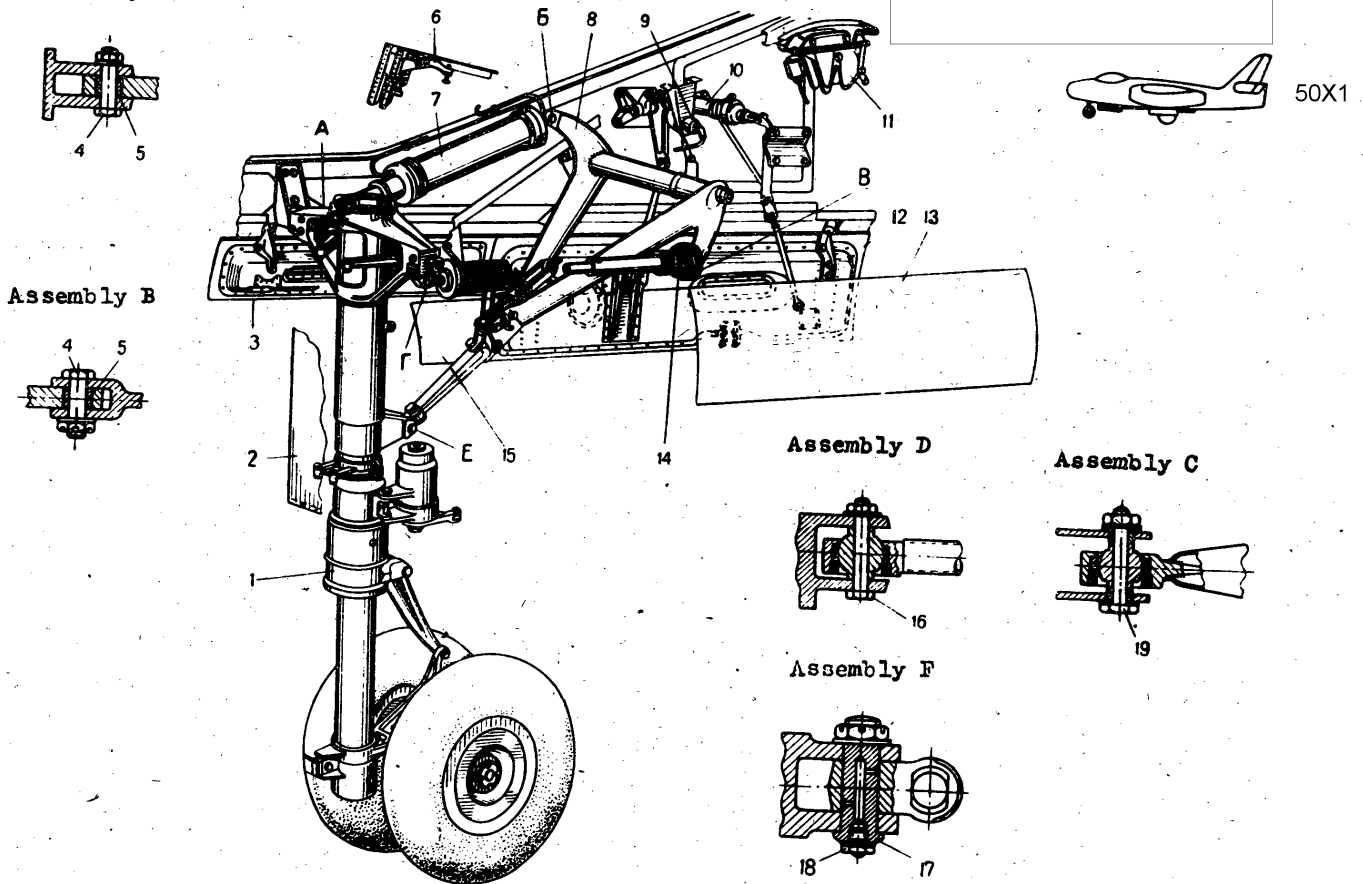


Fig. 66. Installation of the undercarriage nose leg.

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67	16	123A	Stauffer lubricator /see Fig.109,Book V/	6	6		50X1.
	17	4210-5	Bolt 16x19x142	1	60	30XTCA	
		141208	Nut /see Fig.53,Book V/	1	7.5		
		2x25 stand.397-41	Cotter pin /see Fig.110,Book V/	1	1		
	18	4210-6	Plug 25x25x30	2	85	30XTCA	
	19	4215-10	Lower assembly parts of the undercarriage nose leg A= 145x120x240	1	8020		
	20	4210-7- ¹ / ₁	Nut 66x66x34	1	180	30XTCA	
		4210-7- ² / ₁	Nut 70x70x34	1	200	30XTCA	
		4210-7- ³ / ₁	Nut 68x68x34	2	180	30XTCA	
	21	4210-8 ¹ / ₄	Tab washer 67x65x1.5	2	20	Steel 20	
		4210-8 ⁴ / ₄	Tab washer 70x73x1.5	2	20	Steel 20	
	22	4210-22 ¹ / ₅	Washer 50x70x70x4	2	23	Steel 25	
		4210-21 ¹ / ₅	Flanged bush 55x67x67x13	2	90	AIT	
	23	4215-1 ¹ / ₁	Wheel axle 70x70x510	1	3808	30XTCA	
		4215-1 ⁵ / ₁	Wheel axle 40x70x70x440	1	4040	"Cejekt" 30XTCA.	
		4210-19 ⁵ / ₁	Flanged bush 58x67x67x65	1	220	"Cejekt" AIT	
	24	134086-70-66	Axle /see Fig.52-2,Book V/	1	16		
		4210-0-1	Bush	2	2.5	Steel 20A	
		234A1-6-12	Washer /see Fig.55,Book V/	1		T8x6,1=9	
		2x12 stand.397-41	Cotter pin /see Fig.110,Book V/	1			
	1	Is being installed on	the aircrafts with Nos.starting from 2401505,26602001,52003501.				
	2	Is being installed on	the aircrafts with Nos.starting from 6450201,30500101,				
	3	Is being installed on	the aircrafts with Nos.6450101,30500101,0116601 up to starting from 6450201,30500906,26601905.				
	4	Is being installed on	the aircrafts with Nos.starting from 6450101,0116601,30500101 up to 2401505,26601905,52003420.				
	5	Is being installed on	the aircrafts with Nos.starting from 2401505,0116601,30500101 up to 26601905,2401505,52003420.				
	6	Is being installed on	the aircrafts with Nos.starting from 2402601,36603401,53004801.				
	7	Is being installed on	the aircrafts with Nos.starting from 6450301,530512301,0616601 up to 2402601,53004720,36603310.				

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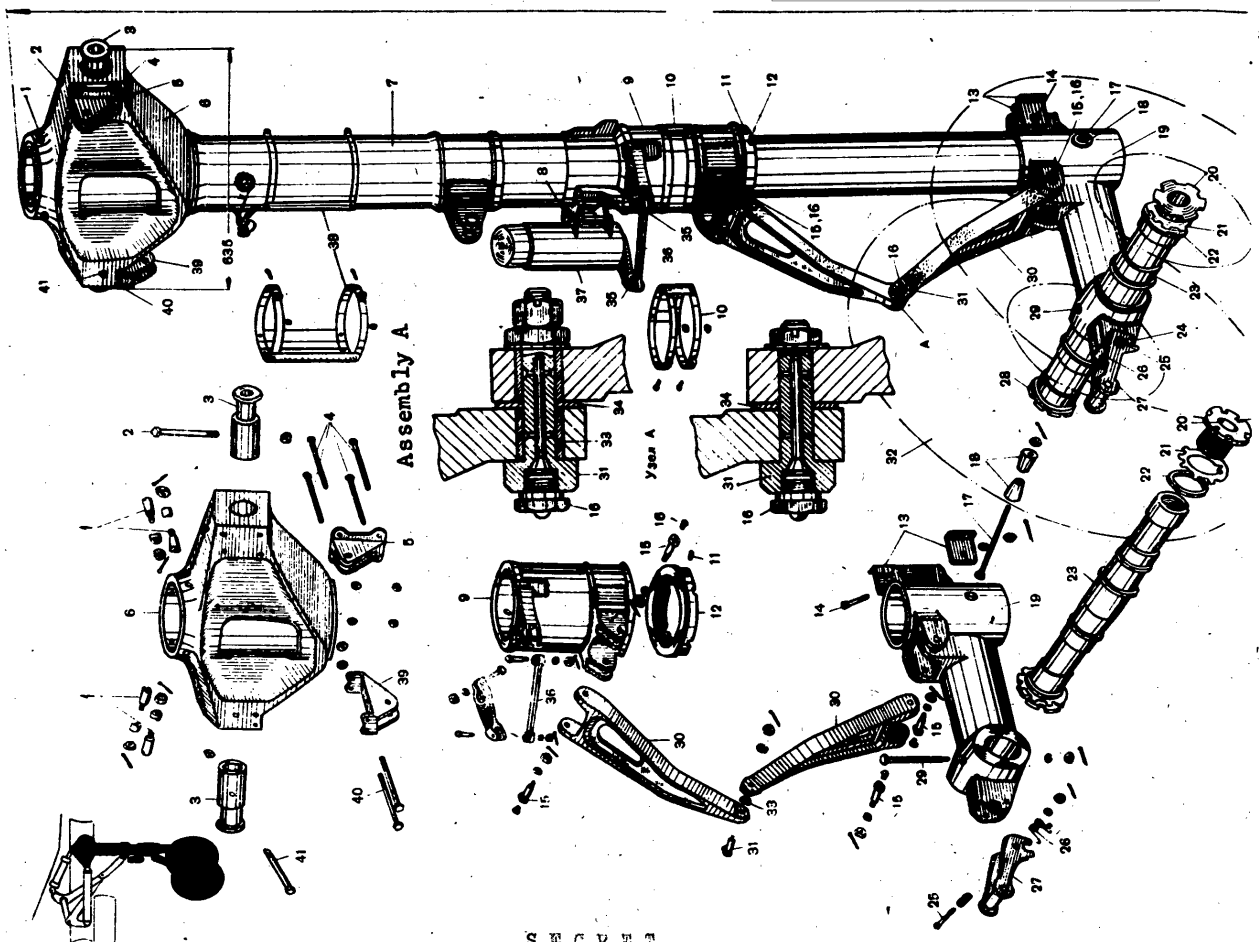


Fig. 67. Assembly parts of the undercarriage nose leg. 50X1

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67	25	1305C8-72	Bolt /see Fig.52-2,Book V/	1	34	30XTCA 50X1 OBC 30XTCA "CerekT" hot stamp. 30XTCA 30XTCA	
		4210-14	Flanged bush 8x12x12x50	1	23		
	1406C1	Nut /see Fig.53,Book V/	1	9			
		234A1-8-16	Washer /see Fig.55,Book V/	1	1		
		2x25 stand.397-41	Cotter pin /see Fig.110,Book V/	1	1		
	26	4210-11	Spring 70x73x30	1	15		
	27	4210-30	Brid 113x51x60 /welded/	1	269		
	28	4210-722	Nut 66x66x34	1	180		
	29	M1909-10-8-84	Bolt /see Fig.52-1,Book V/	1	65		
		234A1.5-10-16	Washer /see Fig.53,Book V/	1	1		
		1425C8	Nut /see Fig.53,Book V/	1	6		
		2x25 stand.397-41	Cotter pin /see Fig.110,Book V/	1	1		
		30	4210-12	Guide elbow /split hinge/ 105x32x317	2		1320
		31	4210-29 ⁶	Bolt 20x17x68	1		88
			234A2-12-20	Washer /see Fig.55,Book V/	1		
			1400C12 ⁵	Nut /see Fig.53,Book V/	1		
			1412C10 ⁶	Nut /see Fig.53,Book V/	1		
			2.5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		
			4210-26 ⁷	Bolt 20x17x63	1		34
			1412C12 ⁷	Nut /see Fig.53,Book V/	1		
			234A2-12-20	Washer /see Fig.55,Book V/	1		
			2.5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		
			4210-26 ¹	Bolt 18x18x59	1		70
			1412C10	Nut /see Fig.53,Book V/	1		8
			234A2-10-20 ¹	Washer /see Fig.55,Book V/	1		3
			2.5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		1
		32	600x180 ²	Wheel /finished product/	2		

¹ Is being installed on the aircrafts with Nos.starting from 6450101,30500101 up to 6450301,530512301.

² Is being installed on the aircrafts with Nos.starting from 2401405,26602001,52003420.

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67	32	600x155B ³	Wheel /finished product/				
	33	4210-174	Bush 12x16x16x15				
	34	4210-16	Washer-24x24x5	2	12	30XICA	
	35	1A1151-8-6-22	Bolt /see Fig.52-1,Book V/	1	6	30XICA	
		1425C6	Nut /see Fig.53,Book V/	2	19		
		234A1-8-16	Washer /see Fig.53,Book V/	2	3		
		1.5x20 stand.	Cotter pin /see Fig.110,Book V/	2	1		
		397-41		2	1		
	36	4210- /assy/	Pull rod 14x48x182	1	170		
		4210-60-1 /assy/	Pull rod 11x48x182	1	93	AK-6	
		981068	Ball bearing /finished product/	2	38		
	37	4210-0 ⁵ /assy/	Vibration damper /see Fig.69/	1	7630		
		4210-0 ⁶ /assy/	Vibration damper /see Fig.70/	1	6823		
	38	4210-23 /assy/	Label with band fasteners 118x132x135	1	129		
		4210-23-1	Label 135x135	1	48	AL6AT	
		4210-23-2	Fastener 388x12	2	36	Steel 20	
		851A2.6-6	Rivet /see Fig.54,Book V/	6			
		1315C5-12	Screw /see Fig.52-1,Book V/	2	2		
		1400C5	Nut /see Fig.53,Book V/	2	1		
	39	4210-3	Support bracket 60x80x53	1	386	30XICA	
	40	1875C8-90	Bolt /see Fig.52-2,Book V/	2	39		
		1419C8	Nut /see Fig.53,Book V/	2	4		
	41	1875C10-82	Bolt /see Fig.52-2,Book V/	1	54		
		1400C10	Nut /see Fig.53,Book V/	1	5		
	3	Is being installed on	the aircrafts with Nos.starting From 6450101,0216602,30500101				
	4	Is being installed on	the aircrafts with Nos.starting from 2401505,26601905,52003420.				
	5	Is being installed on	the aircrafts with Nos.starting from 2402601.				
	6	Is being installed on	the aircrafts with Nos.starting from 6450503,0916601,30512415.				
			from 6450101,30500101,0116601				
			up to 64500503,0816605,30512414.				

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68	4211-0 /assy/	Shock-absorber of the undercarriage nose leg.	1	51.47 kg	50X1
1	4111-13-2	Securing ring 69x69x6	1	75	Steel 45
2	4211-6	Diffusor tube 54x72x72x556	1	1098	AlT
3	4211-30	Cylinder 300x220x1095 /welded/	1	23.14 kg	
4	LN660	Shock-absorbing compound	4.2	4480	
5	4211-4	Top bush 77x102x102x50	1	1150	SpA Mu 10-3-1.5
6	4111-11-2	Piston ring 99x107x107x8	1	64	AlTbe/ AlTbe/
7	4211-9	Valve 99x99x5	1	92	Steel 45
8	4111-12-2	Diffusor 58x58x24	1	215	Steel 45
9	4211-3	Top cog 101x101x98	1	698	30XICA
10	4211-2	Bottom cog 107x107x98	1	753	30XICA
11	4211-21	Key 8x5x36	1	10	30XICA
12	4111-8-2	Nut 110x110x16	1	285	30XICA
13	4111-7-2	Spacing ring 93.5x108x108x14	1	56	AlT
14	4111-5-2	Cuff 90x111x111x13	4	27	AlT
15	4111-6-2	Spacing ring 93.5x108x108x13	3	50	AlT
16	4111-4-2	Bottom bush 90x111x111x45	1	950	
17	4111-2-2	Stop nut 115x115x21	1	215	Steel 45
18	4111-0-2	Seal ring /felt/ 98x98x25	1		
19	4111-3-2	Bottom nut 120x120x21	1	247	Steel 45
20	4211-1	Piston 90x90x1082	1	18.21 kg	30XICA "Ce5ekT"
21	LN527	Filling neck /see Fig.98, Book V/	1	248	
22	LN746	Washer /see Fig.55, Book V/	1	6	
23	4211-0-1	Locking wire	1	3	KO-1
24	LN825	Plug /see Fig.65, Book V/	1	55	
25	LN825	Screw /see Fig.52-1, Book V/	2	1	
26	LN747-14-12	Screw /see Fig.52-1, Book V/	2	5	

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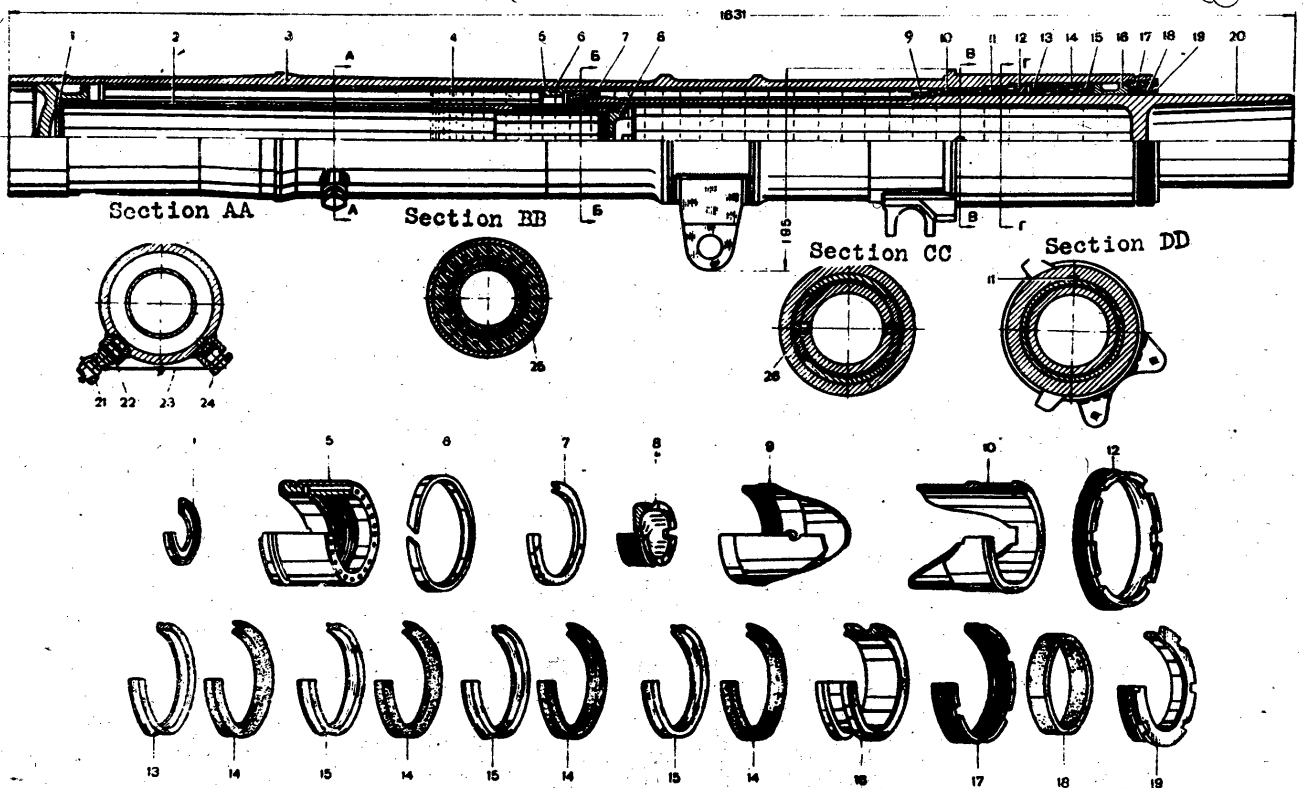


Fig. 68. Shock-absorber of the undercarriage nose leg.

69	1	c4219-0 ¹	Vibration damper /shimmy damper/	1	7630	50X1
	2	4219-23	Socket of the thermovealve 19x19x24	1	23	Steel 45
	3	4219-24 ²	Thermovealve 8x8x37	1	7	30XICA
	4	4219-18	Terminal 11x11x4	2	1	AC59-1
	5	c4219-28	Thermovealve spring 9x9x64	1	9	Bimetal- lic take
	6	4219-27	Pull rod 5x5x56	1	8	Steel 45
	7	180506-8	Screw /see Fig.52-1,Book V/	1	1	
	8	4219-26	Lower terminal 6x6x27	1	6	Steel 45
	9	4219-46	Washer 14x14x1.5	2	1.5	Steel 45
	10	4219-25	Shaped washer	1	2	Steel 45
	11	4219-36 ³	Seal ring 6x14x14x7	1	6	Rubber
	12	4219-42	Gland nut 16x16x10	1	9	Steel 45
	13	4219-41	Cap 22x19x9	1	14	Steel 45
	14	4210-2 ⁴	Lever 46x22x169	1	425	30XICA "CenekT" hot stamp.
	15	130408-44 ⁴	Bolt /see Fig.52-2,Book V/	1	22	
	16	141808	Nut /see Fig.53,Book V/	1	5	
	17	234A1-8-16	Washer /see Fig.55,Book V/	1	1	
	18	2x25 stand 397-41	Cotter pin /see Fig.110,Book V/	1	1	
	19	131805-10	Bolt /see Fig.52-1,Book V/	4	2	
	20	4219-52	Washer 54x54x2	1	10	Al16AT
	21	4219-31 ⁴	Seal ring /felt/ 32x42x42x4 /from the aircraft 2401301/	1	2	aviation sealing felt
	22	1	Is being installed on the aircrafts with Nos.starting 2402301,0916601,530512415.			
	23	2	Is being installed on the aircrafts with Nos.starting 2401401,0016601,30500101.			
	24	3	Is being installed on the aircrafts with Nos.starting 6450503,30500101,0916601.			
	25	4	Is being installed on the aircrafts with Nos.starting 2401301,26602001,30500101.			

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18	IA1014b-40-32 ⁵	Seal ring /see Fig.63,Book V/	2	1		50X1
19	c4219-6 ²	Bottom cover 95x95x27	1	225		AlT
20	c4219-2 ⁷	Damper housing 104x125x207	1	3036		30XICA
21	4219-35 ⁵	Seal ring 80x89x89x3	1			Rubber
22	4219-4 ⁵	Diaphragm 89x89x22	1	700		B-14
23	4219-34-2	Stem 5x5x20	1	2		Cast iron
24	4219-34-1	Stem 5x5x20	1	2		Steel 45
25	c4219-3 ⁶	Butterfly 89x89x179	1	1040		Steel 45
26	1315C3-8	Bolt /see Fig.52-1,Book V/	1	1		30XICA
	1399C3	Self-lock nut /see Fig.53,Book V/	1			
27	c4219-17 ⁷	Key 5x5x100	2	14		30XICA
28	4219-16	Support bush 27x27x24	1	46		MC59-1
29	c4219-2 ⁸	Butterfly seat 89x89x105	1	1040		Steel 45
30	4219-50 ⁷	Piston 76x76x78	1	127		AlT
31	4219-51	Seal ring 64.5x75.5x75.5x5.5	1			Rubber
						B-14
32	c4219-7 ⁷	Outer spring 64x64x125	1	115		OBC
33	c4219-8 ⁷	Inner spring 45x45x84	1	55		OBC
34	4219-45	Gasket 87x87x3	1	5		copper-
						asbestos
35	c4219-5 ⁷	Inner cover 88x88x37	1	162		AK6
36	IA1014b-16-10 ⁷	Seal ring /see Fig.63,Book V/	1	1		
37	1899C1	Spring /see Fig.61,Book V/	1			
38	Ø3.96 stand 3722-40	Ball	1	1		

5 Is being installed on the aircrafts with Nos.starting from 2402301,0916601,52004201.
 6 Is being installed on the aircrafts with Nos.starting from 2401301,26602001,52003301.
 7 Is being installed on the aircrafts with Nos.starting from 2401301,0916601,53052415.
 8 Is being installed on the aircrafts with Nos.starting from 2401301,0916601,53052415.

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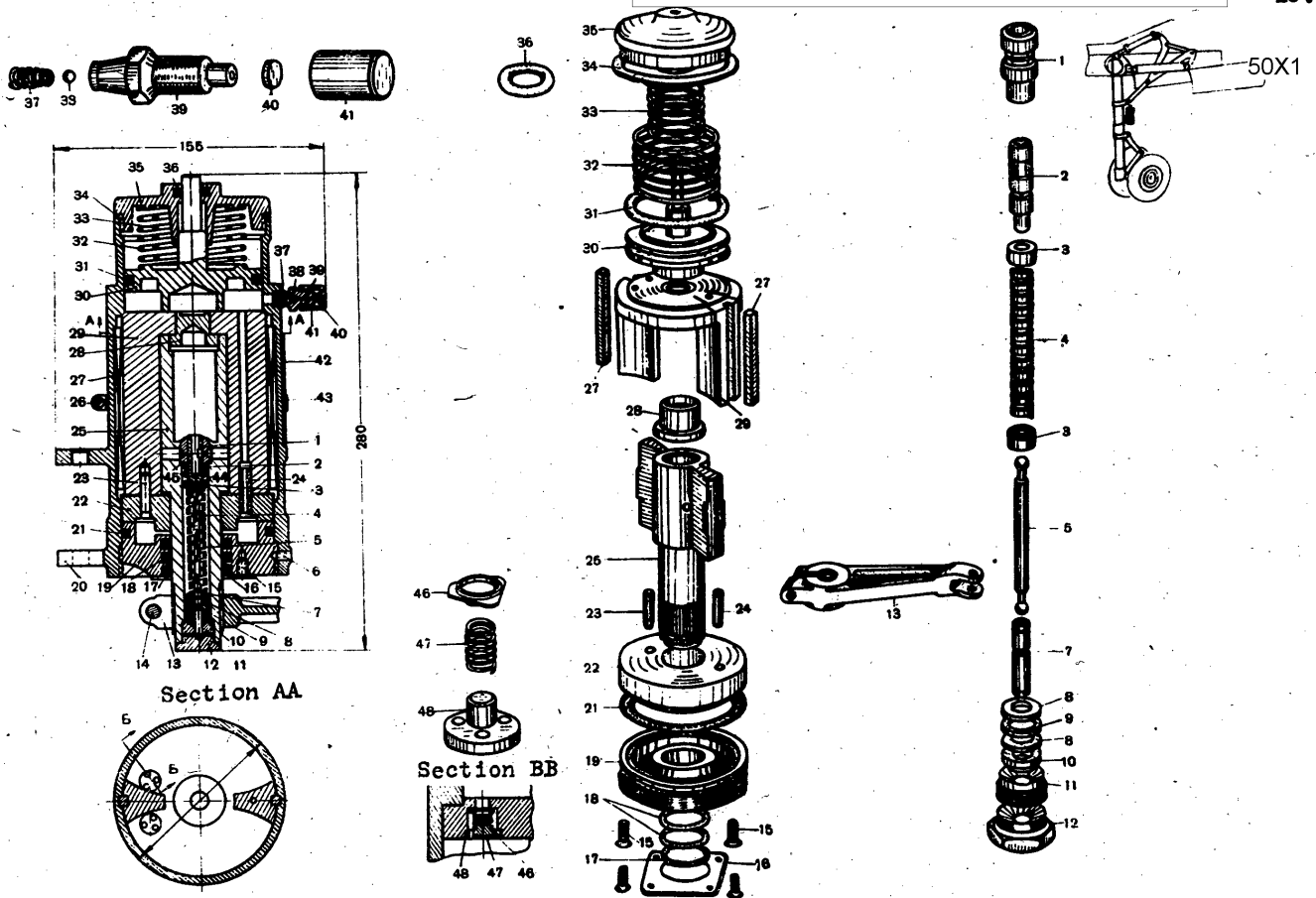


Fig. 69. Vibration damper being installed on the aircrafts with Nos. starting from 2402401, 26602501, 540512415.

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							17.
69	39	c4219-22 ⁷	Union body 16x14x35	1	24	50X1	Steel 45
	40	c4219-53 ⁷	Washer 8x8x1.5	1	2		Rubber
	41	4219-19	Cap 14x14x19	1	13		B-14
	42	4219-48	Label 62x128	1	18		Steel 45
	43	4219-49	Stirrup 102x114x8	1	20		AMuAM
	44	4219-47	Dowel 1.5x1.5x10	2			Steel 20
	45	4219-44	Washer 10x10x0.5	1	1		OBC
	46	4219-37	Valve plate 9x9x2	2			M3M
	47	4219-43	Spring 4.6x4.6x6	2			Steel 45
	48	4219-38	Support washer 11x11x5	2	2		OBC
							Steel 45
70		4219-0 ¹	<u>Vibration damper</u>	1	6823		
	1	4219-27	Socket /seat/ of the thermovealve 19x19x24	1	23		Steel 45
	2	4219-24	Thermovealve 8x8x37	1	7		30XICA
	3	4219-18	Terminal 11x11x4	2	1		JC59-1
	4	4219-28	Thermovealve spring 9x9x64	1	9		Bimetall-
	5	4219-27	Pull rod 5x5x56	1	28		ic taps
	6	1805C6-8	Screw /see Fig.52-1,Book V/	1	1		Steel 45
	7	4219-26	Lower terminal 6x6x27	1	6		Steel 45
	8	4219-46	Washer 14x14x1.5	2	1.5		Steel 45
	9	4219-25	Shaped washer 14x14x1.5	1	2		Steel 45
	10	4219-36	Seal ring 14x14x7	1	6		Aviation
							sealing
							felt satu-
							rated with
							sovpren
	11	4219-42	Gländ nut 16x16x10	1	9		Steel 45
	12	4219-41	Cap 22x19x9	1	14		Steel 45
	13	4219-2	Lever 40x22x166	1	425		30XICA
	14	1304C8-42	Bolt /see Fig.52-2,Book V/	1	22		hot stamp.
		1418C8	Nut /see Fig.53,Book V/	1	5		

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70					18.
	234A1-8-16	Washer /see Fig.55,Book V/	1	1	50X1
15	2x25 stand 397x41	Cotter pin /see Fig.110,Book V/	1	1	
	4219-31	Middle gasket 38x38x4	2	1	Aviation sealing felt satu- rated with sovren Paronite
16	4219-29	Gasket 35x35x3.5	2	1	YB-10
17	4219-32	Ring 35x35x5	1	11	Steel 45
18	4216-6	Bottom cover 95x95x25	1	225	AK-6
19	4219-33	Support ring 61x61x10	1	17	30XICA
20	4219-35	Seal ring 90x90x8	1	7	Rubber
21	4219-39	Ring 86x86x3.5	1	8	B-14 X15H419
22	4219-9	Gland spring 61x61x35	1	63	EA1100M/ OBC
23	4219-4	Diaphragm 89x89x22	1	700	30XICA
24	4219-34-1	Stem 5x5x20	1	1	Steel 45
25	4219-23-2	Stem 5x5x20	1	1	Steel 45
26	4219-32	Butterfly 89x89x149	1	1	30XICA
27	1315C3-8	Bolt /see Fig.52-1,Book V/	1	920	
	1399C3	Nut /see Fig.53,Book V/	1	1	
28	4219-16	Support bush 27x27x24	1	1	
29	4219-22	Butterfly seat 89x89x75	1	46	AK59-1
30	4219-17-2	Key 5x5x68	1	870	30XICA
31	4219-50	Piston 75.5x75.5x5.5	2	5	30XICA
32	4219-51	Seal ring 64.5x75.5x75.5x5.5	1	127	ALT
33	4219-12	Damper housing 104x125x177	1	5	Rubber
			1	2690	B-14 30XICA
1	Is being installed on the aircrafts with Nos.starting from 6450101,0016601,30500101				
2	Is being installed on the aircrafts with Nos.starting from 6450503,0916601,30500908.				
	up to 6450101,0016601,30500101				
	up to 6450503.				

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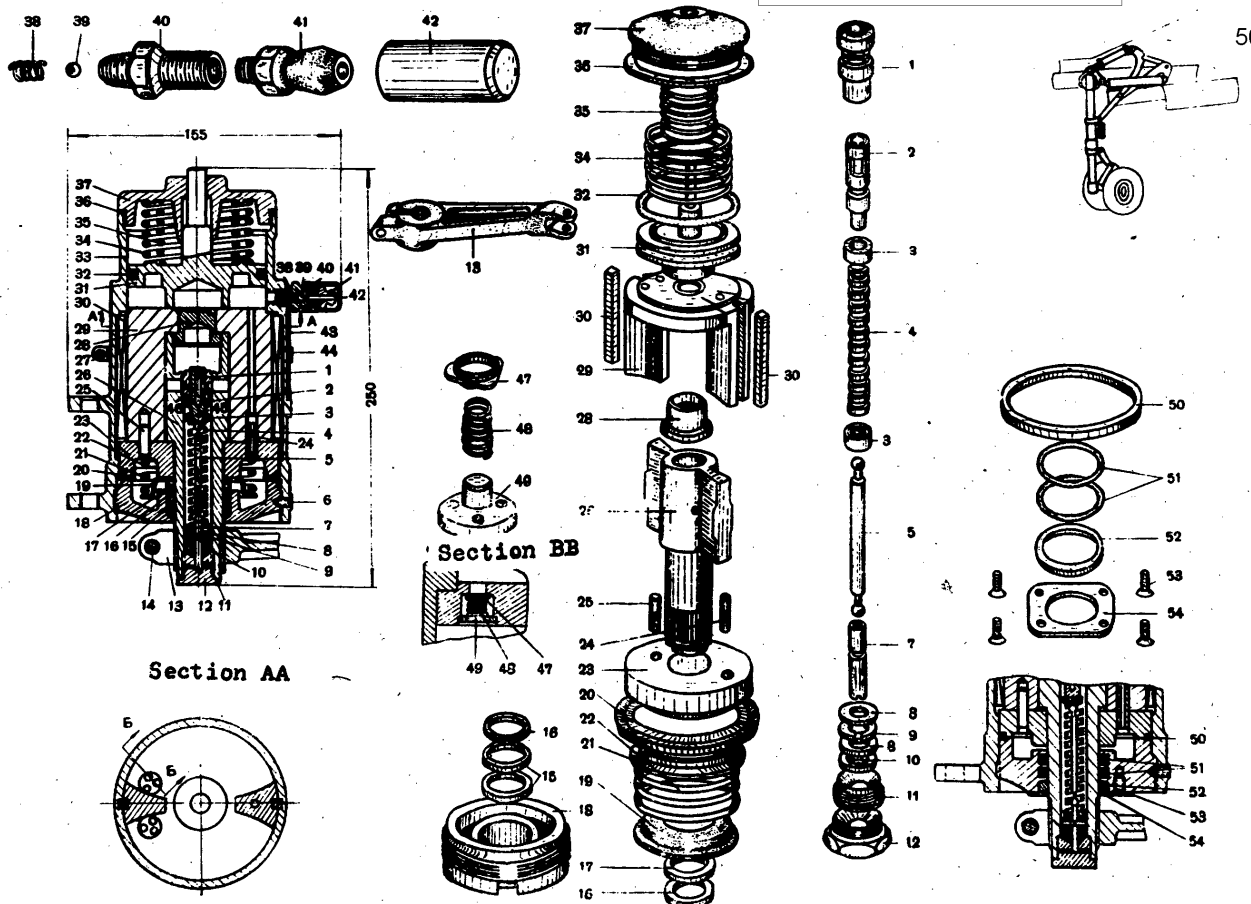


Fig.70.Vibration damper being installed on the aircrafts with Nos.starting from 6450101,30500101,0116601 up to 6450503,0916601,30500908.

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70	34	4219-7	Outer spring 64x64x125	1	115	OBC 50X1
	35	4219-8	Inner spring 45x45x84	1	55	OBC
	36	4219-45	Gasket 87x87x3	1	5	copper asbestos
	37	4219-5	Top cover 88x88x37	1	162	AK6
	38	1899C1	Spring	1		
	39	OCT 26075	Ball 4 mm in dia.	1	1	
	40	4219-22	Valve body 16x14x27	1	22	Steel 45
	41	4219-21	Valve head 8x7x15	1	3	Steel 45
	42	4219-19	Cap 14x14x19	1	13	Steel 45
	43	4219-48	Label 62x128	1	18	AMuAM
	44	4219-49	Stirrup 102x114x8	1	20	Steel 20
	45	4219-47	Dowel 1.5x1.5x10	2		OBC
	46	4219-44	Washer 10x10x0.5	1	1	M3M
	47	4219-37	Valve plate 9x9x2	2	1	Steel 45
	48	4219-43	Spring 4.6x4.6x6	2	1	OBC
	49	4219-38	Support washer 11x11x5	2	2	Steel 45
	50	4219-35 ³	Seal ring 80x89x89x3	1	7	Rubber B-14
	51	M1014-536-28 ³	Seal ring /see Fig.63, Book V/	2	1	
	52	4219-31 ³	Ring 38.5x38.5x4	1	1	Aviation sealing felt
	53	131805-10 ³	Screw /see Fig.52-1, Book V/	4	2	
	54	4219-52 ³	Washer 50x50x2	1	11	AL6AT

3 Is being installed on the aircrafts with Nos. starting from 6450201, 0416602, 30500101.

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71	4220-0 /assy/	Lifting cylinder /jack/ of the under-carriage nose leg.	1	6854	50X1
1	4220-1	Cardan joint 28x24x71		94	30XICA
2	4220-2	Shackle bolt 28x28x93	1	162	hot stamp
3	IL151-10-8-22	Bolt /see Fig.52-1,Book V/	1	20	30XICA
	23A1,5-8-16	Washer /see Fig.55,Book V/	1	2	
	1408C8	Nut /see Fig.53,Book V/	1	4	
	2x25-stand.397-41	Cotter pin /see Fig.110,Book V/	1		
4	4220-3	Safety nut 33x30x6	1	14	Steel 45
5	4220-30	Piston with piston rod 79x79x550	1	1457	
6	4220-5	/welded/ Felt sealing ring 41x41x16	1	3	Aviation sealing felt
7	4220-0-3	Locking wire	1	1	KO Ø 1
8	4220-4	Nut 60x60x20	1	44	ALT
9	4220-45	Spacing ring 30.2x46x46x7	1	11	ALT
10	IL1302-46-30	Cuff /see Fig.63,Book V/	1	4	
11	IL1303-46-30	Spacing ring /see Fig.69,Book V/	1	13	
12	4220-41	Bush 30x46x46x23	1	45	ALT
13	4220-45	Seal ring 35.8x46x46x5	1	5	Rubber B-14
14	IL1014b38-30-4	Seal ring /see Fig.63,Book V/	1	5	
15	4220-6	Gasket 79.2x87x87x2	1	3	Rubber B-14
16	4220-10	Cover 140x95x138 /welded/	1	828	
17	4220-7	Cylinder 80x95x91x390	1	2520	30XICA "Cesekt" T102x15
18	IL1655-6-1.2I	Air damper /see Fig.100,Book V/	1	263	
19	IL1302-80-64	Cuff /see Fig.63,Book V/	1	9	
20	IL1303-80-84	Spacing ring /see Fig.69,Book V/	1	23	
21	4220-42	Bush 64x80x80x38	1	160	ALT
22	4220-44-2	Sealing ring 62.5x73x73x5	1	10	Rubber B-14

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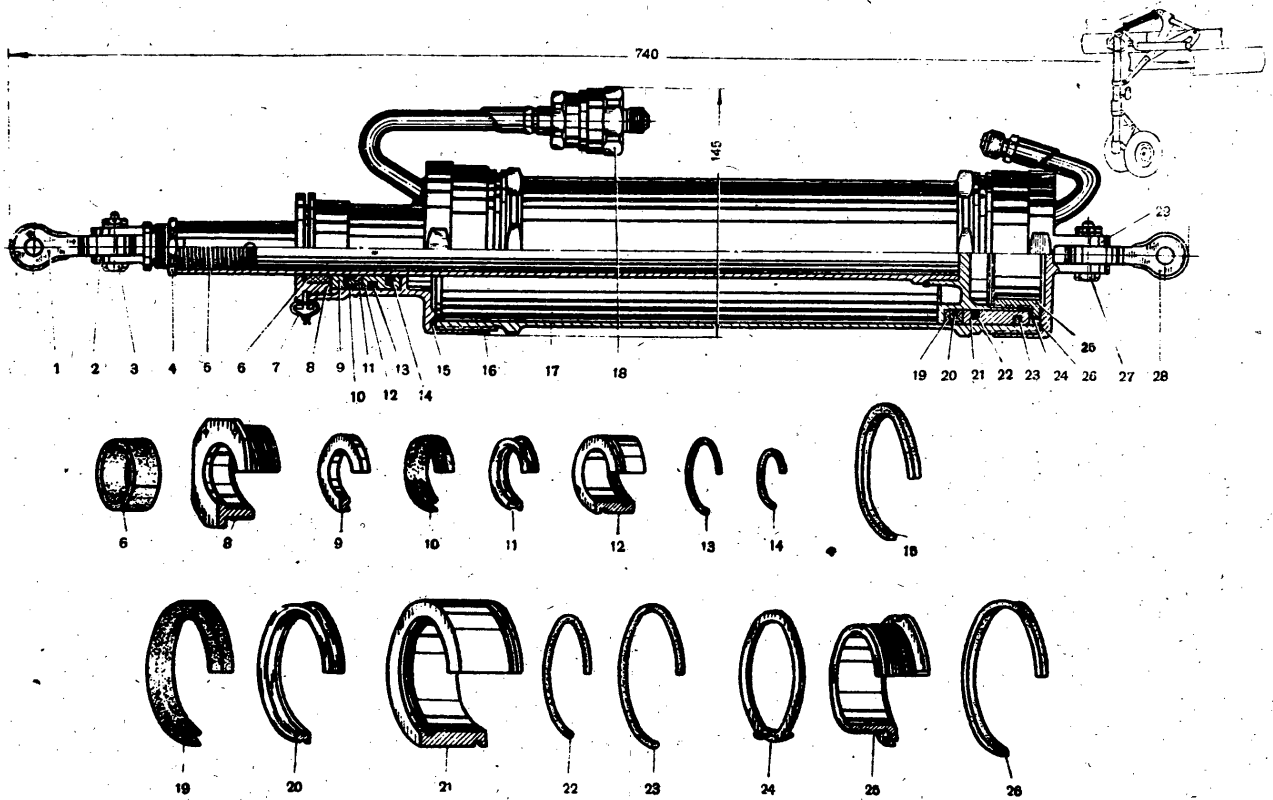


Fig.71. Lifting cylinder /jack/ of the undercarriage nose leg

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23.

71	23	4220-44-1	Sealing ring 70x80x80x5	1	10	Rubber B-14
	24	4220-9	Securing 73x78x11	1	10	Steel 20
	25	4220-8	Nut 79x79x28	1	215	30XTCA
	26	4220-6	Gasket 87x87x2	1	3	Rubber B-14
	27	M.151-10-8-22	Bolt /see Fig.52-1,Book V/	1	20	
		234A1.5-8-16	Washer /see Fig.55,Book V/	1	2	
		1406C8	Nut /see Fig.53,Book V/	1	4	
	28	2x25 stand.397-41	Cotter pin /see Fig.110,Book V/	1		
		4220-1	Cardan joint 28x24x71	1	94	30XTCA
	29	4220-20	Cover 160x98x63 /welded/	1	796	hot stamp
72		4230-0 /assy/	<u>Spring loaded cylinder</u>	1	22.79kg	
	1	4230-20 /assy/	Eye bolt with a ball journal bearing 40x21x107	1	285	
	2	4230-23	Spherical insert 30x30x5	2	10	5pAKMulo- 3-1.5
	3	4230-22	Universal articulated joint 25x25x26	1	54	30XTCA
	4	4230-24	Nut 33x33x6	1	14	30XTCA
	5	1C16	Safety nut. / see Fig.53,Book V/	1	14	
	6	4230-4	Nut 68x60x50	1	270	30XTCA
	7	4230-6	Cover 86x86x12	1	165	30XTCA
	8	4230-30-1	Clip 94x102x17	2	38	Steel 20
	9	1305C6-38	Bolt /see Fig.52-2,Book V/	2	11	
		1425C6	Nut /see Fig.53,Book V/	2	3	
		234A1-6-12	Washer /see Fig.55,Book V/	2	1	
		1.5x20 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	2		
	10	4230-5	Rod 29x29x482	1	1040	30XTCA
	11	4230-30-2	Mantle 103x103x498	1	790	AMUM
	12	4230-2	Inner spring 54x54x847	1	5770	4X3A

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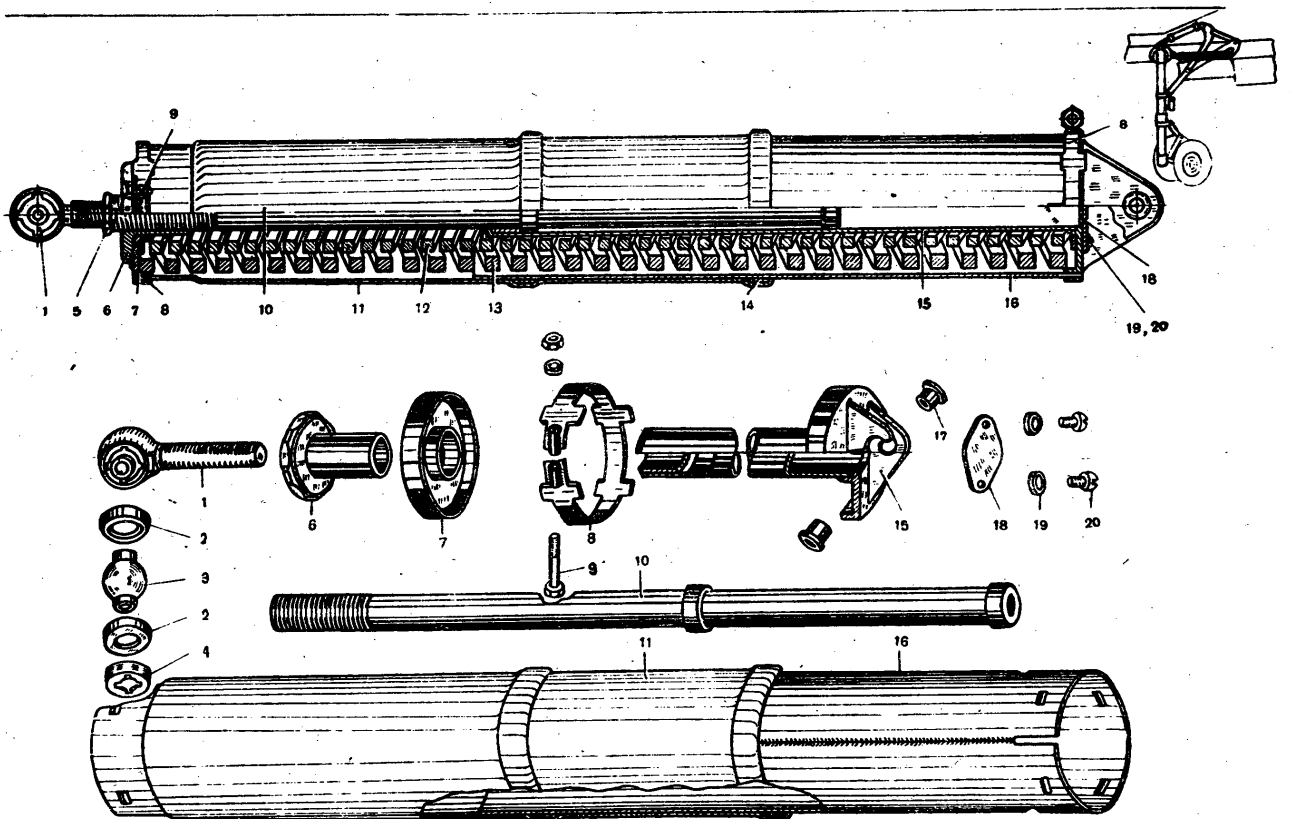


Fig.72. Spring loaded cylinder.

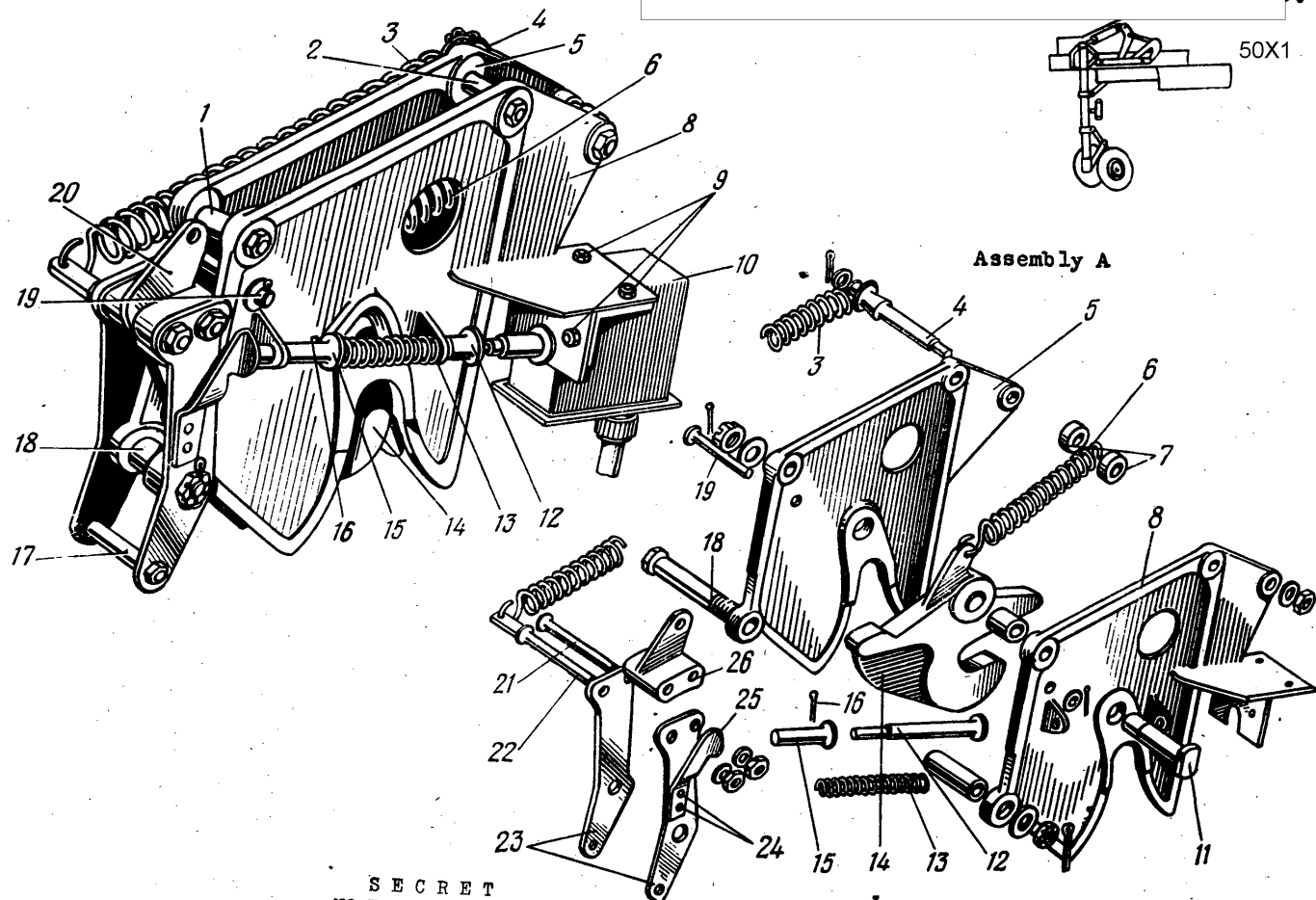
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72	13	4230-1	Outer spring 81x81x958	1	11.71 kg	4X6A aviation sealing felt	50X1	
	14	4230-30-5	Felt sealing ring 98x98x12	2	3			
	15	4230-10	Guide tube 86x86x598 /welded/	1	1340	AMuM 30XTCA A16AT		
	16	4230-30-3	Mantle 90x90x510	1	730			
	17	4230-3	Bush 10x18x18x9	2	6			
	18	4230-7	Strap 32x32x58	1	7			
	19	15A5	Spring washer /see Fig.55,Book V/	2				
	20	1315C4-6	Screw /see Fig.52-1, Book V/	2	1			
	73		4250-0 /assy/	Lock for securing the nose leg in re- tracted position /up-position lock/.	1			1660
		1	1875C8-60	Bolt /see Fig.52-2,Book V/	1	30		
		234A1.5-8-16	Washer /see Fig.55,Book V/	1	2			
		1406C8	Nut /see Fig.53,Book V/	1	4			
		2x25 stand.						
		397-41	Cotter pin /see Fig.110,Book V/	1	1			
		1363C8-11-16	Bush /see Fig.56,Book V/	1	5			
2		1875C8-56	Bolt /see Fig.52-2,Book V/	1	25			
		234A1.5-8-16	Washer /see Fig.55,Book V/	1	2			
		1406C8	Nut /see Fig.53,Book V/	1	4			
		2x25 stand.						
		397-41	Cotter pin /see Fig.110,book V/	1	1			
3		1363C8-11-16	Bush /see Fig.56,Book V/	1	5			
4		1290C3-22-130	Spring /see Fig.61,Book V/	1	78			
		4250-2	Pin 16x16x78	1	40	Steel 45		
	234A1.5-8-16	Washer /see Fig.55,Book V/	1	2				
	2x25 stand.							
	397-41	Cotter pin /see Fig.110,Book V/	1	1				
	1400C6	Nut /see Fig.53,Book V/	1	3				
	234A1-6-14	Washer /see Fig.55,Book V/	1	1				

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Fig.73. Lock for securing the nose leg in retracted position
/un-position lock/.

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73						
5	4250-1	Cheek 144x183x8	1	409	30XTC 50X1 "CeJekT" hot stamp	
6	4250-7	Spring 14x14x48	1	15	OBC	
7	4250-3	Bush 8x14x6	2	4.5	Al	
8	4250-40	Cheek 144x183x42 /welded/	1	600		
9	1307C4-14	Bolt /see Fig.52-2,Book V/	4	2		
	234A1-4-8	Washer /see Fig.55,Book V/	4			
	1400C4	Nut /see Fig.53,Book V/	4	1		
10	BK-44	End switch /finished product/	1	250		
11	LN151-12-10-32	Bolt /see Fig.52-1,Book V/	1	40		
	LN144-12-16-16	Bush /see Fig.56,Book V/	1	10		
	234A2-12-20	Washer /see Fig.55,Book V/	1	2		
	1406C10	Nut /see Fig.55,Book V/	1	6.5		
	2.5x30 stand.	Cotter pin /see Fig.110,Book V/	1			
	397-41					
12	4250-5	Bolt 18x16x72	1	30	Steel 45	
13	1291C0.8-11-62	Spring /see Fig.61,Book V/	1	12		
14	4250-4	Hook 118x95x16	1	400	30XTC "CeJekT"	
15	5250-6	Stop 16x14x28	1	15	30XTC	
16	1.5x15 stand.	Cotter pin /see Fig.110,Book V/	1			
	397-41					
17	1304C6-50	Bolt /see Fig. 52-2,Book V/	1	12		
	234A1-6-14	Washer /see Fig.55,Book V/	1	1		
	1400C6	Nut /see Fig.53,Book V/	1	3		
	1363C6-8-32.5	Bush /see Fig.53,Book V/	1	5		
18	1875C10-54	Bolt /see Fig.52-2,Book V/	1	43		
	234A2-10-20	Washer /see Fig.55,Book V/	1	2		
	1406C10	Nut /see Fig.53,Book V/	1	6.5		
	2.5x30 stand.	Cotter pin /see Fig.110,Book V/	1	1		
	397-41					
	LN144-10-14-32	Bush /see Fig.56,Book V/	1	19		
19	1340C6-35	Axle /see Fig.52-2,Book V/	1	8		
	234A1-6-14	Washer /see Fig.55,Book V/	1	1		

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73		2x12 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		50X1
	20	4250-10/assy/	Catch 130x45x87	1	315	
	21	1888C6-48	Bolt /see Fig.52-2,Book V/	1	12.5	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
		1400C6	Nut /see Fig.53,Book V/	1	3	
	22	4250-12	Eye bolt 14x14x75	1	25	Steel 45
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
		1400C6	Nut /see Fig.53,Book V/	1	3	
	23	4250-11	Cheek /see Fig./ 108x33x4	2	130	30XICA
	24	875A4-13	Catch /see Fig.54,Book V/	1		
	25	4250-30	Stop 60x26x20	1	17	
	26	4250-20	Stone 40x40x32 /welded/	1	90	
74		4290-0/assy/	Installation of the nose leg transmitter.	1	635	
	1	1301C6-34	Bolt /see Fig.52-2,Book V/	1	10	
		1400C6	Nut /see Fig.53,Book V/	1	3	
	2	4290-20	Band fastener /welded/	1	100	
	3	1301C5-20	Bolt /see Fig.52-2,Book V/	2	4.5	
		1418C5	Nut /see Fig.53,Book V/	2	2	
		234A0.8-5-10	Washer /see Fig.55,Book V/	2		
		1x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
		1363E5-6-7	Bush /see Fig.56,Book V/	2	1	
	4	4290-1	Fork 14x14x57	2	25	Steel 45
		1C6	Safety nut /see Fig.53,Book V/	2	3	
	5	5700-13-2	Pull rod 6x6x119	1	26	Steel 45
	6	Y3II	Transmitter included in the set USH-48 /finished product/	1	357	
	7	4290-12	Lever 26x33x23	1	17	AK6 hot. stamp.
	8	4290-11	Eye bolt 14x14x55	1	25	Steel 45
		1C8	Safety nut /see Fig.53,Book V/	1	5	

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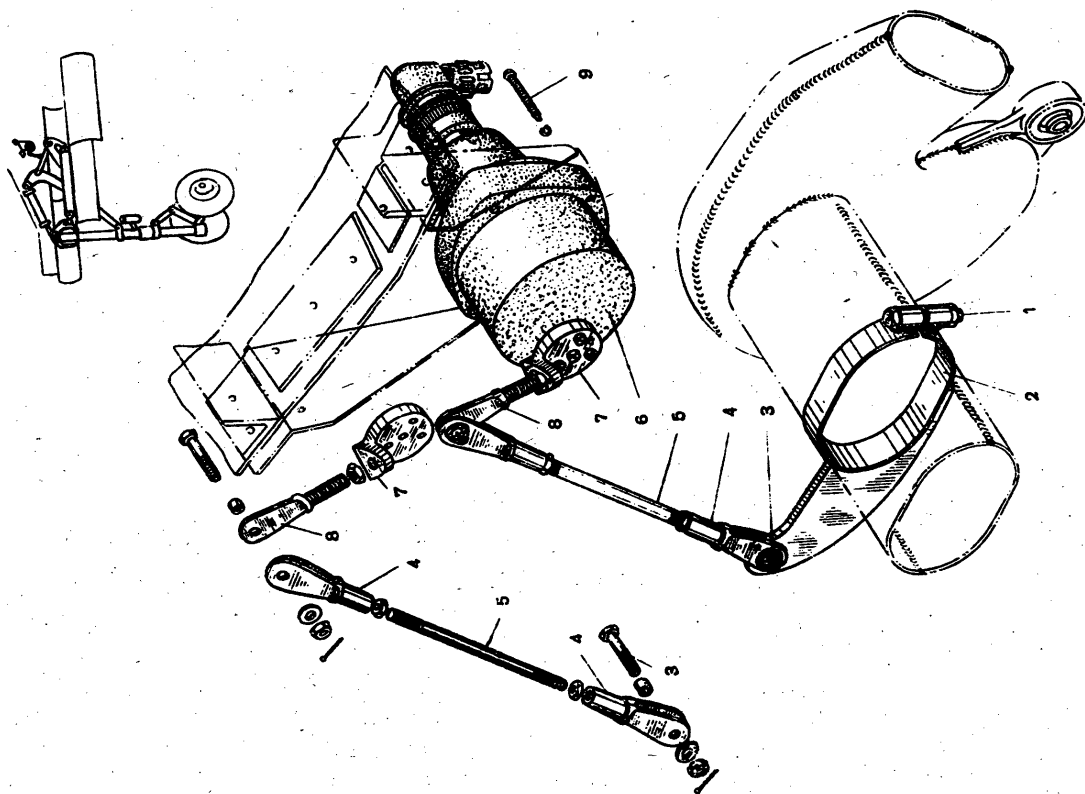


Fig. 74. Installation of the nose leg transmitter.

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74	9	15A4	Bolt, included in the finished product set Spring washer	4 4		50X1
75		4260-0/assy/	Installation of the blocking valve of the cylinder actuating the nose leg doors	1	760	
	1	1304C6-72	Bolt /see Fig.52-2,Book V/	2	18	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
		1400C6	Nut /see Fig.53,Book V/	2	3	
	2	4260-1	Support bracket 85x106x58	2	155	M95T4 /casting/
	3	1321C6-30-1.6	Screw /see Fig.52-1,Book V/	1	8	
		1400C6	Nut /see Fig.53,Book V/	1	3	
		4260-0-2	Locking wire Seal	1 1	1	KO Ø 1 AMM T6x 4, l=4
	4	1340C6-62-58.5	Axle /see Fig.52-2,Book V/	1	14	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
		2x12 stand.	Cotter pin /see Fig.110,Book V/	1		
		397-41				
	5	4260-3	Spring 58x61x50	1	30	OBC
	6	4260-2	Lever 140x51x36	1	150	AK6
	7	4260-4	Bolt 30x19x48	1	50	30XICA
		1010	Safety nut /see Fig.53,Book V/	1	5	
		4260-0-2	Locking wire Seal	1 1	1	KO Ø 1 AMM T6x 4, l=4
	8	1888C8-68	Bolt /see Fig.52-2,Book V/	1	32	
		234A1.5-8-16	Washer /see Fig.55,Book V/	1	2	
		1406C8	Nut /see Fig.53,Book V/	1	4	

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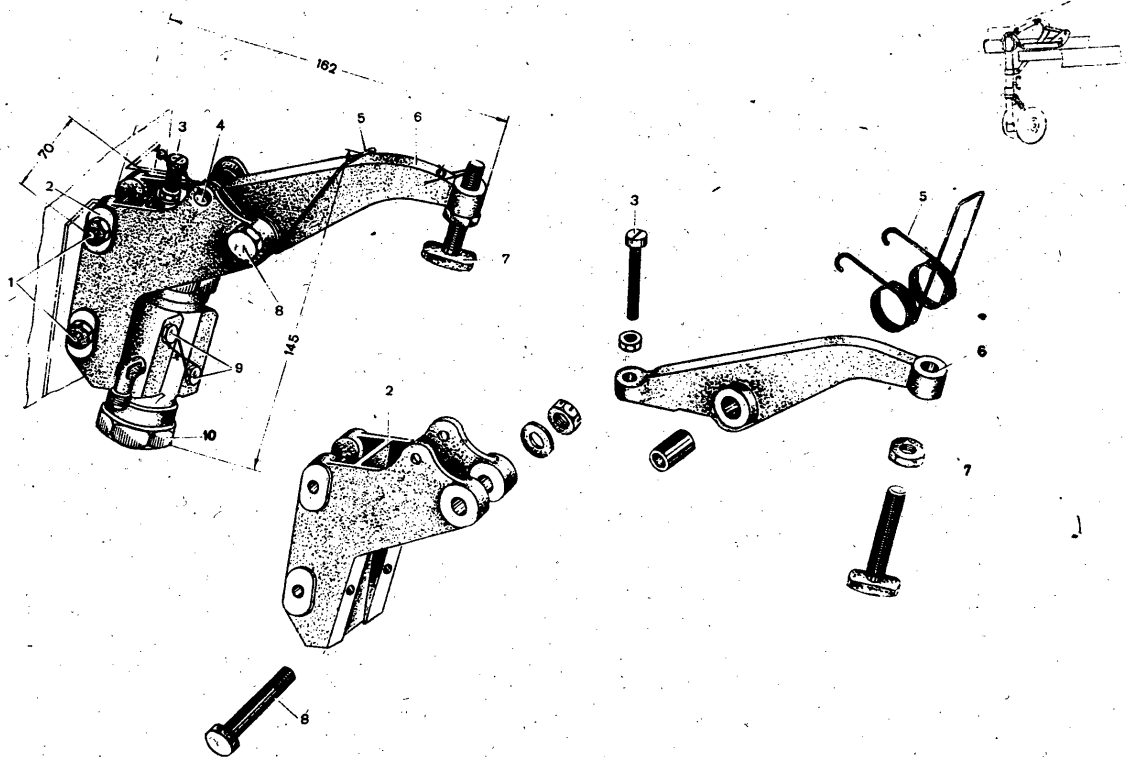


Fig.75. Installation of the blocking valve of the cylinder actuating the nose leg doors.

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75	136308-10-36	Bush /see Fig.56,Book V/	1	8	50X1
	2x20 stand.	Cotter pin /see Fig.110,Book V/	1	1	
	397-41				
9	1301C-36	Bolt /see Fig.52-2,Book V/	2	10	
		Locking wire	1	1	KO Ø 1
10	5503-0-3/assy/	Blocking valve type I /see Fig.142/	1	330	
76	4240-0/assy/	Diagonal strut of the undercarriage nose leg	1	19.2 kg	
	1 4240-16	Bolt 25x22x72	2	75	30XICA
	2 2,5x30 stand.	Cotter pin /see Fig.110,Book V/	2	1	
	397-41				
	3 4240-15	Pivot 18x40x40x120	2	580	30XICA
	4 4230-23	Spherical insert 30x30x5	2	10	SpA *Mu 10-3-1.5
	5 4230-22	Universal articulated joint 25x25x26	1	54	30XICA
	6 4230-24	Nut 33x33x6	1	14	30XICA
	7 4240-0-B102	Tube	1	42	Steel 20A T6x8, l=240
	6045 stand.	Nipple /see Fig.57-1,Book V/	2	4	
	568-41				
	6045 stand.	Nut /see Fig.57,2,Book V/	2	13	
	569-41				
	5500-1-1	Label 50x18	1	1	C59-1
		Seal	1	2	AMIM-T6x 4, l= 6
	8 4240-40/assy/	Non-return valve 136x63x35	1	483	
	9 234A1.5-10-20	Washer /see Fig.55,Book V/	2	1.5	
	2.5x25 stand.	Cotter pin /see Fig.110,Book V/	2		
	397-41				
10	4240-0-B106	Tube	1	28	Steel 20A
	6045 stand.	Nipple /see Fig.57-1,Book V/	2	4	T6x8, l=160
	568-41				

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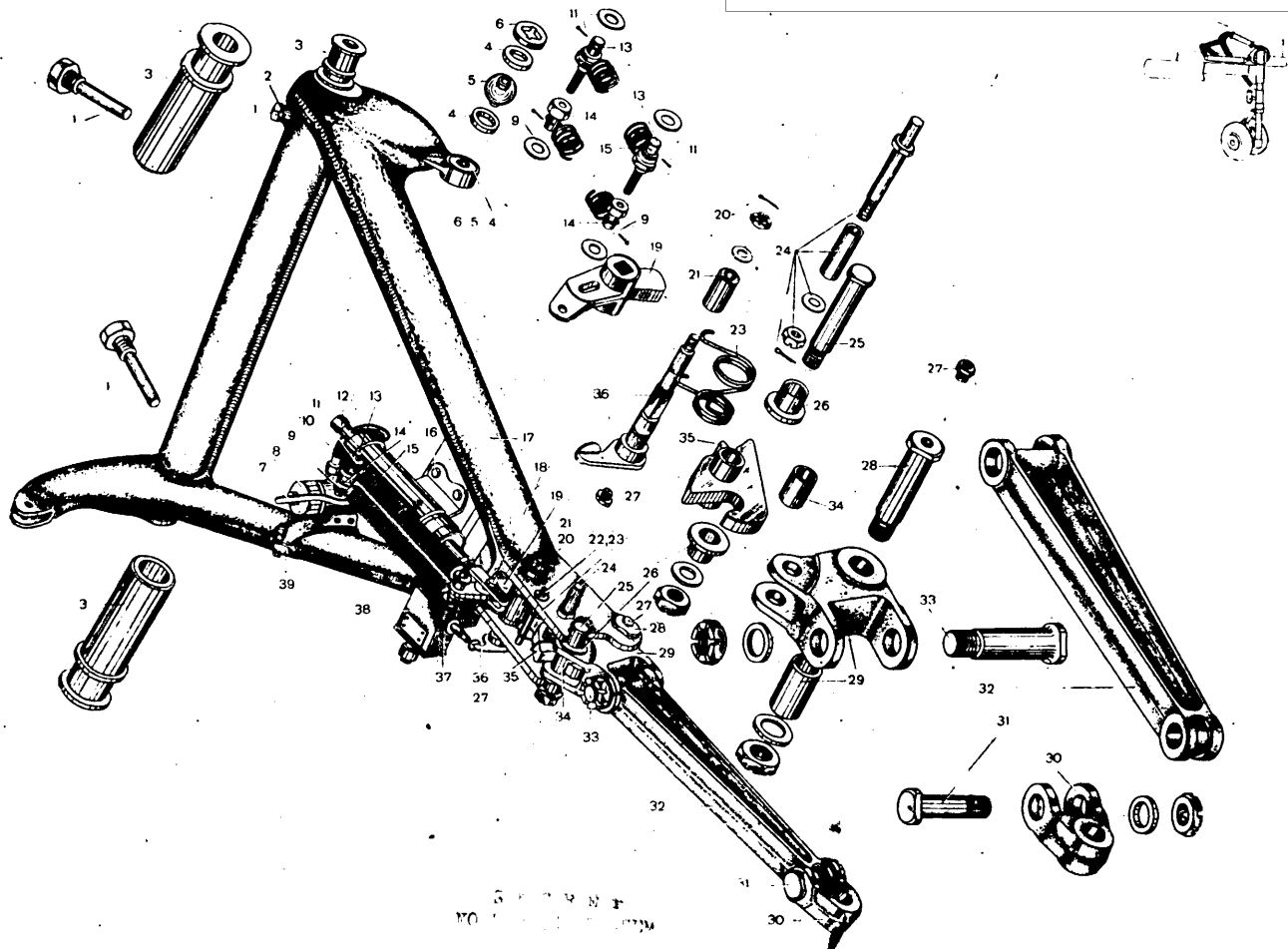


Fig.76. Diagonal strut /folding/ of the undercarriage nose leg.

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	6045 stand. 569-41	Nut /see Fig.57-2,Book V/	2	13	50X1
	5500-1-1	Label 50x18	1	1	J1C59-1
		Seal	1	2	AMTM-T6x
11	234A1.5-10-20 2x20 stand. 397-41	Washer /see Fig.55,Book V/ Cotter pin /see Fig.110,Book V/	2 2	1.5	4, l= 6
12	4242-0/assy/	Cylinder /switch/ /see Fig.77/	1	1300	
13	4240-8	Bolt 16x14x49	2	22	Steel 45
14	4240-9	Bush 16x14x20	2	12	Steel 45
15	4240-13	Spring 20x20x168	2	112	OBC
16	1304C6-16-13.5	Bolt /see Fig.52-2,Book V/	4	6	
	1418C6	Nut /see Fig.53,Book V/	4	3	
	234A1.5-6-12	Washer /see Fig.55,Book V/	4	1	
	1.5x15 stand. 397-41	Cotter pin /see Fig.110,Book V/	4		
17	4241-0	Upper diagonal strut 708x560x277 /welded/	1	11.18 kg	
18	1875C6-28	Bolt /see Fig.52-2,Book V/	1	8.5	
	1425C6	Nut /see Fig.53,Book V/	1	3	
	234A1.5-6-12	Washer /see Fig.55,Book V/	1	1	
	1.5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		
19	1363C6-8-17	Bush /see Fig.56,Book V/	1	9	
20	4240-6	Catch 118x40x28	1	231	30XICA
	1406C8	Nut /see Fig.53,Book V/	1	4	
	234A1.5-8-15	Washer /see Fig.55,Book V/	1	1.5	
	2x25 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		
21	4240-12	Bush	1	25	30XICA
22	1340C8-70	Axle /see Fig.52-2,Book V/	1	29	
	234A1.5-8-16	Washer /see Fig.55,Book V/	1	1.5	
	2x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		

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	23	4240-11	Spring 70x28x40	1			50X1
	24	4240-17	Bolt 18x14x113	1	7		OBC
		II 144-12-16-46	Bush /see Fig.56,Book V/	1	107		30XICA
		234A2-12-20	Washer /see Fig.55,Book V/	1	31		
		1406C10	Nut /see Fig.53,Book V/	1	5		
		2.5x30 stand.	Cotter pin /see Fig.110,Book V/	1	7		
		397-41		1	1		
	25	II 151-16-14-73	Bolt /see Fig.52-1,Book V/	1	141		
		1425C14	Nut /see Fig.53,Book V/	1	15		
		234A2-14-25	Washer /see Fig.55,Book V/	1	4		
		2.5x40 stand.	Cotter pin /see Fig.110,Book V/	1	2		
		397-41					
	26	4240-5	Bush 16x30x30x18	2	25		30XICA
	27	123A	Lubricator Stauffer /see Fig.109,Book V/	2	6		
	28	4240-4	Bolt 28x24x88	1	188		30XICA
		1406C18	Nut /see Fig.53,Book V/	1	40		"CenekT"
		234A3-20-30	Washer /see Fig.53,Book V/	1	15		
		3x45 stand.	Cotter pin /see Fig.110,Book V/	1	3		
		397-41					
	29	4240-00/assy/	Middle cardan joint with bushing	1	750		
		4240-30-1/assy/	Cardan joint 98x110x46	1	635		30XICA
							"CenekT"
							hot stamp.
	30	4240-31	Bushing 19.5x25x25x48	1	65		30XICA
		4240-2	Lower cardan joint 78x46x36	1	332		30XICA
							"CenekT"
							hot stamp.
	31	II 151-20-18-46	Bolt /see Fig.52-1,Book V/	1	180		
		1406C18	Nut /see Fig.53,Book V/	1	27		

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		234A3-20-30	Washer /see Fig.55,Book V/	1	15	50X1
		3x45 stand.	Cotter pin /see Fig.110,Book V/	1	3	
		397-41				
32		4240-1	Lower strut 325x55x42	1	1563	30X1CA "CeλεκT" hot stamp
		4240-18	Bolt 3lx27x96	1	282	30X1CA
		1406C20	Nut /see Fig.53,Book V/	1	41	
		234A3-22-30	Washer /see Fig.55,Book V/	1	15	
		3x50 stand.	Cotter pin /see Fig.110,Book V/	1	3	
		397-41				
34		IA144-16-20-25	Bush /see Fig.56,Book V/	1	18	
35		4240-3	Hook 100x63x46	1	353	30X1CA "CeλεκT"
		4240-20	Carrier 112x60x28 /welded/	1	132	
37		1307C4-14	Bolt /see Fig.52-2,Book V/	4	2	
		1400C4	Nut /see Fig.53,Book V/	4	1	
		234A1-4-8	Washer /see Fig.55,Book V/	4		
38		BK-44	End switch 110x58x45 /finished product/	1	250	
39		4240-45/assy/	Band fastener with fixing bolts	1	119	
		4242-0/assy/	Cylinder-switch of the nose leg strut lock.	1	1300	
		4242-1	Fork 20x20x112	1	100	Steel 45
1		IA1032	Safety nut /see Fig.53,Book V/	1	7	
3		IA993-30-30	Rod /see Fig.66,Book V/	1	250	
4		IA 996-30	Cover /see Fig.65,Book V/	1	68	
5		IA998	Locking ring /see Fig.109,Book V/	1	4	
6		224A0.8-12-30	Washer /see Fig.55,Book V/	1	2	
7		IA 997	Gland /see Fig.55,Book V/	1		
8		IA1031-30	Support bush /see Fig.65,Book V/	1	18	
9		IA994-30-30	Spring /see Fig.109,Book V/	1	168	
10		4242-20	Cylinder 120x85x85 /welded/	1	500	

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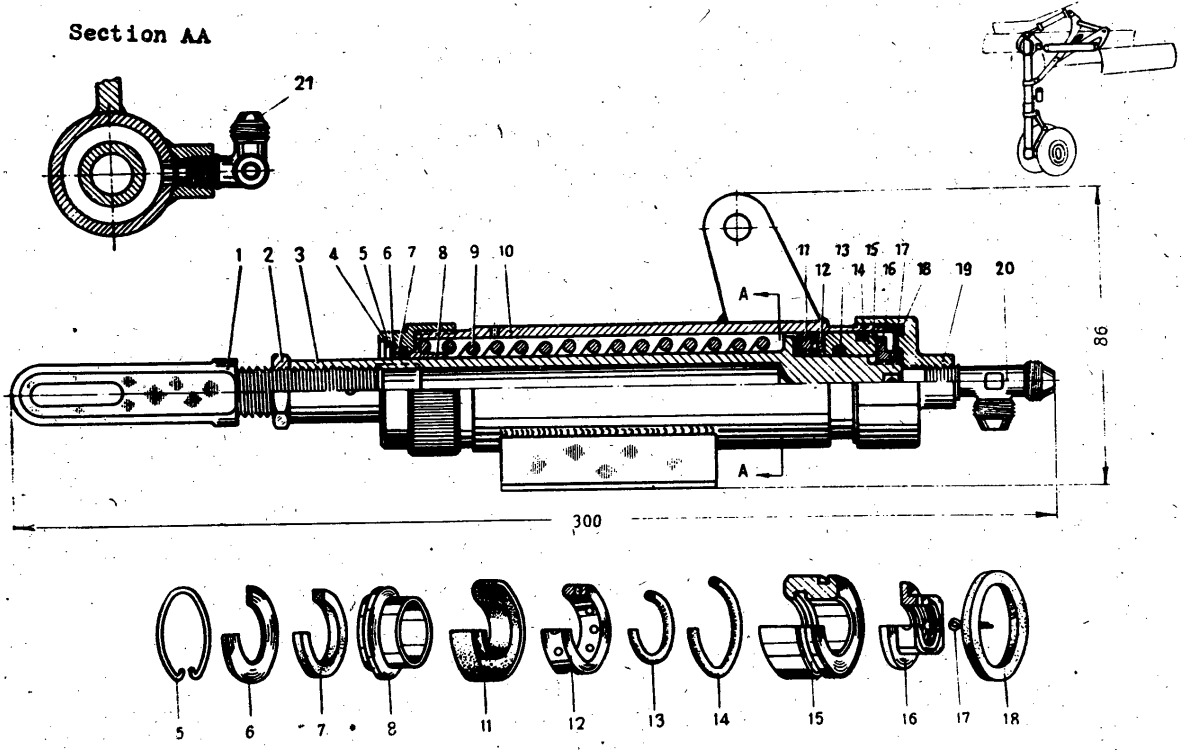


Fig.77.Cylinder switch of the hose leg strut lock.

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77	11	LN302-30-16	Cuff /see Fig.63,Book V/	1	1	
	12	LN309-30-16	Spacing ring /see Fig.69,Book V/	1	4	
	13	LN1014b-22-15	Seal ring /see Fig.63,Book V/	1	1.5	
	14	4242-3	Seal ring 22x30x30x4	1	2	Rubber
	15	4242-2	Bush 16x30x30x17	1	25	B-14
	16	LN1000-30	Nut /see Fig.109,Book V/	1	28	ALT
	17	2x25 stand 397-41	Cotter pin /see Fig.110,Book V/	1		
	18	LN1033-1	Seal ring /see Fig.109,Book V/	1	1	
	19	LN1006-30	Cover /see Fig.65,Book V/	1	104	
	20	6045 stand.560	Three-way union /see Fig.57-1,Book V/	1	37	
	21	4242-4	Three-way union 35x32x32	1	30	Steel 45
78		4281-0/assy/	Control mechanism of the nose leg doors	1	5854	
	1	4282-0/assy/	Actuating cylinder of the nose leg doors /see Fig.79/	1	1870	
	2	4281-30-1/assy/	Pull rod with eye bolt 20x20x360	1	131	
		4281-40-1	Pull rod 20x12x320 /welded/	1	100	
		4281-31	Eye bolt 18x8x67	1	26	30XICA
		108	Safety nut /see Fig.53,Book V/	1	5	
	3	4281-2	Cardan joint 20x18x55	5	36	30XICA hot stamp
	4	187506-22	Bolt /see Fig.52-2,Book V/	6	6	
		142506	Nut /see Fig.53,Book V/	6	3	
		136306-8-6	Bush /see Fig.56,Book V/	6	1	
		234A1-6-14	Washer /see Fig.55,Book V/	6	1	
		1.5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	6		
	5	187506-24	Bolt /see Fig.52-2,Book V/	2	8	
		142506	Nut /see Fig.53,Book V/	2	3	
		136306-8-6	Bush /see Fig.56,Book V/	2	1	

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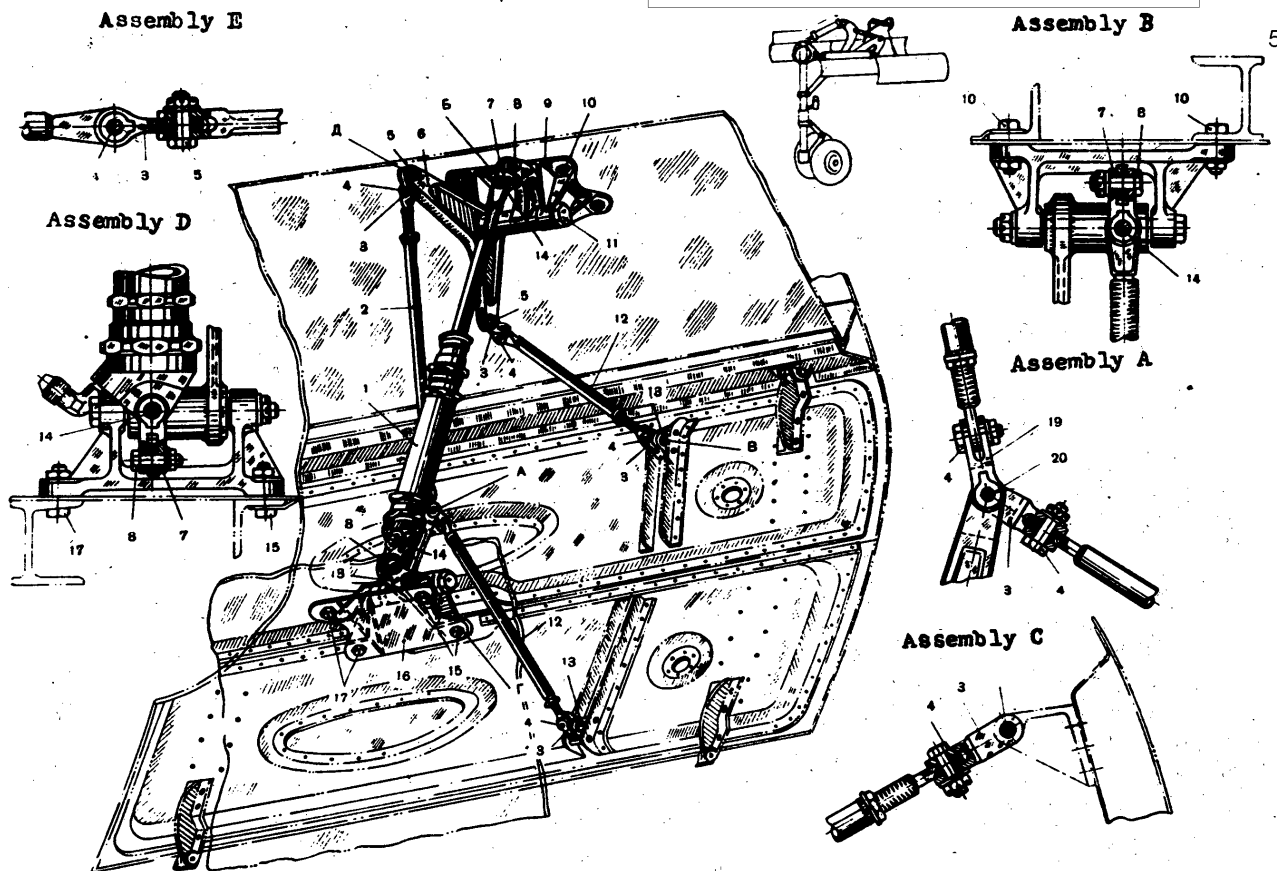


Fig.78. Control mechanism of the nose leg strut lock.

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	234A1-6-14	Washer /see Fig.55,Book V/	2	1	
	1.5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
6	4281-10	Rocker 140x236x76/welded/	1	990	
	80701	Ball bearing /finished product/	2	38	
	5132-13-2	Spacing bush 24x24x56	1	20	
7	4281-4	Cardan joint 24x22x53	2	55	ALT 30XICA hot stamp
8	1875C8-28	Bolt /see Fig.52-2,Book V/	2	17	
	1406C8	Nut /see Fig.53,Book V/	2	4	
	1363C8-10-8	Bush /see Fig.56,Book V/	2	2	
	234A1.5-8-16	Washer /see Fig.55,Book V/	2	2	
	2x25 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
9	4281-1-1	Support bracket 108x70x168	1	385	M05T4 /casting/
10	1304C6-22	Bolt /see Fig.52-2,Book V/	4	4	
	1411C6	Nut /see Fig.53,Book V/	4	3.5	
	234A1-6-10	Washer /see Fig.55,Book V/	4		
11	1875C12-120	Bolt /see Fig.52-2,Book V/	2	118	
	1406C12	Nut/see Fig.53,Book V/	2	10	
	234A2-12-22	Washer /see Fig.55,Book V/	2	5	
	2.5x35 stand. 397-41	Cotter pin /see Fig.110,Book V/	2	1.5	
12	4281-30-2/assy/	Pull rod with eye bolt 20x20x250	2	215	
	4281-40-2	Pull rod 20x2x200 /welded/	2	80	
	4281-31	Eye bolt 18x8x67	2	130	30XICA
	1C8	Safety nut /see Fig.53,Book V/	2	5	
13	1875C6-30	Bolt /see Fig.52-2,Book V/	2	9	
	1425C6	Nut /see Fig.53,Book V/	2	3	
	1.5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
	234A1-6-14	Washer /see Fig.55,Book V/	2	1	
	1363C6-8-6	Bush /see Fig.56,Book V/	2	1	
14	1875C8-26	Bolt /see Fig.52-2,Book V/	2	16	

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78		1406C8	Nut /see Fig.53,Book V/	2	4	50X1
		2x25 stand.	Cotter pin /see Fig.110,Book V/	2		
		397-41				
		234A1.5-8-16	Washer /see Fig.55,Book V/	2	2	
		1363C8-10-8	Bush /see Fig.56,Book V/	2	2	
	15	1304C6-24	Bolt /see Fig.52-2,Book V/	2	5	
		234A1-6-10	Washer /see Fig.55,Book V/	2		
		1411C6	Nut /see Fig.53,Book V/	2	2	
	16	4281-1-2	Support bracket 108x70x168	1	192	MJ5T4 /casting/
		1304C6-24	Bolt /see Fig.52-2,Book V/	2	5	
		234A2-6-10	Washer /see Fig.55,Book V/	2	1	
		1411C6	Nut /see Fig.53,Book V/	2	3.5	
	18	4281-20	Rocker 200x85x76 /welded/	1	640	
	19	4281-3	Cardan joint 53x24x18	1	50	30XICA h.s
	20	1875C6-30	Bolt /see Fig.52-2,Book V/	1	9	
	1425C6	Nut /see Fig.53,Book V/	1	3		
	1.5x20 stand.	Cotter pin /see Fig.110,Book V/	1			
	397-41					
	234A1-6-14	Washer /see Fig.55,Book V/	1	1		
	1363-6-8-14	Bush /see Fig.56,Book V/	1	2		
79		4282-0/assy/	Actuating cylinder of the nose leg doors	1	2144	
	1	4282-2	Cover	1	229	30XICA
	2	4C21C45 stand. 555-41	Angle /see Fig.57-1,Book V/	1	19	"
	3	4282-2	Plug 30x30x24	1	50	Steel 45
	4	4282-3	Tab washer 26x34x7	1	2.5	Steel 20
	5	4282-12	Spacing bush 30x38x38x7	2	7.5	AlT
	6	MI302-38-22	Cuff /see Fig.63,Book V/	2	3.5	Chrome shabrack
	7	MI303-38-22	Spacing ring /see Fig.69,Book V/	2	8	A J 9

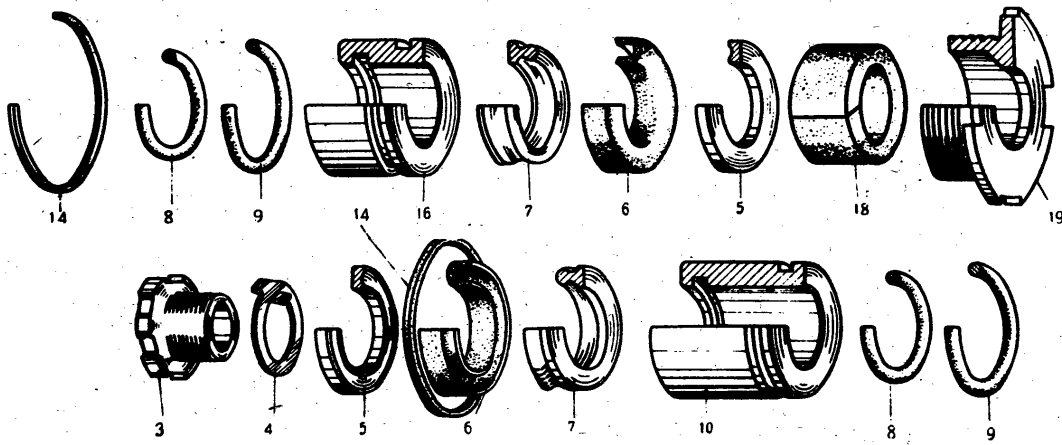
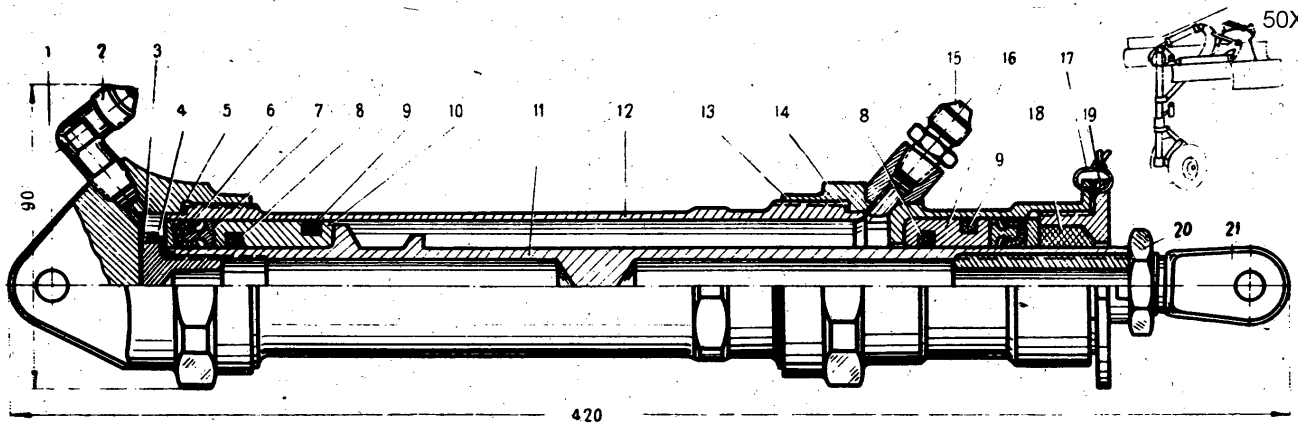


Fig.79. Actuating cylinder of the nose leg doors.

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79	8	4812-19	Seal ring 20.8x29x29x4	2		50X1 Rubber B-14
	9	4282-11-1	Seal ring /see Fig.63,Book V/	2		
	10	4282-11-1	Bush 22x38x38x30.5	1	57	AlT
	11	4282-5	Rod 37x37x307	1	440	30XICA
	12	4282-1	Cylinder 48x44x233	1	665	30XICA
	13	4282-20	Sleeve with union 55x72x92 /welded/	1	340	
	14	4282-4	Gasket 42x46x46x2	2		Rubber B-14
	15	4045 stand. 552-41	Adapter /see Fig.57-1,Book V/	1	18	
	16	4282-11-2	Bush 30x38x38x22	1	37	AlT
	17		Locking wire	1	4	KO Ø 1
	18	4282-7	Ring 22x32x32x16	1	2.5	Aviation sealing felt
	19	4282-6	Nut 60x60x22	1	45	AlT
	20	1C18	Safety nut /see Fig.53,Book V/	1	21	
	21	4282-8	Eye bolt 22x22x103	1	120	30XICA
80		4284-0/assy/	Shield of the undercarriage nose leg	1	3145	
	1	130406-26	Bolt /see Fig.52-2,Book V/	2	8	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
		1400C6	Nut /see Fig.53,Book V/	2	3	
	2	130406-22	Bolt /see Fig.52-2,Book V/	4	7	
		234A1-6-14	Washer /see Fig.55,Book V/	4	1	
		1400C6	Nut /see Fig.53,Book V/	4	3	
	3	4284-1	Support bracket 93x102x56	2	105	Mn5T4 /casting/
	4	4284-0-1	Sheathing 930x320x1.5	1	1200	Al6T
	5	4284-0-4	Profile	2	72	AlTIP Ill-6, 1- 200

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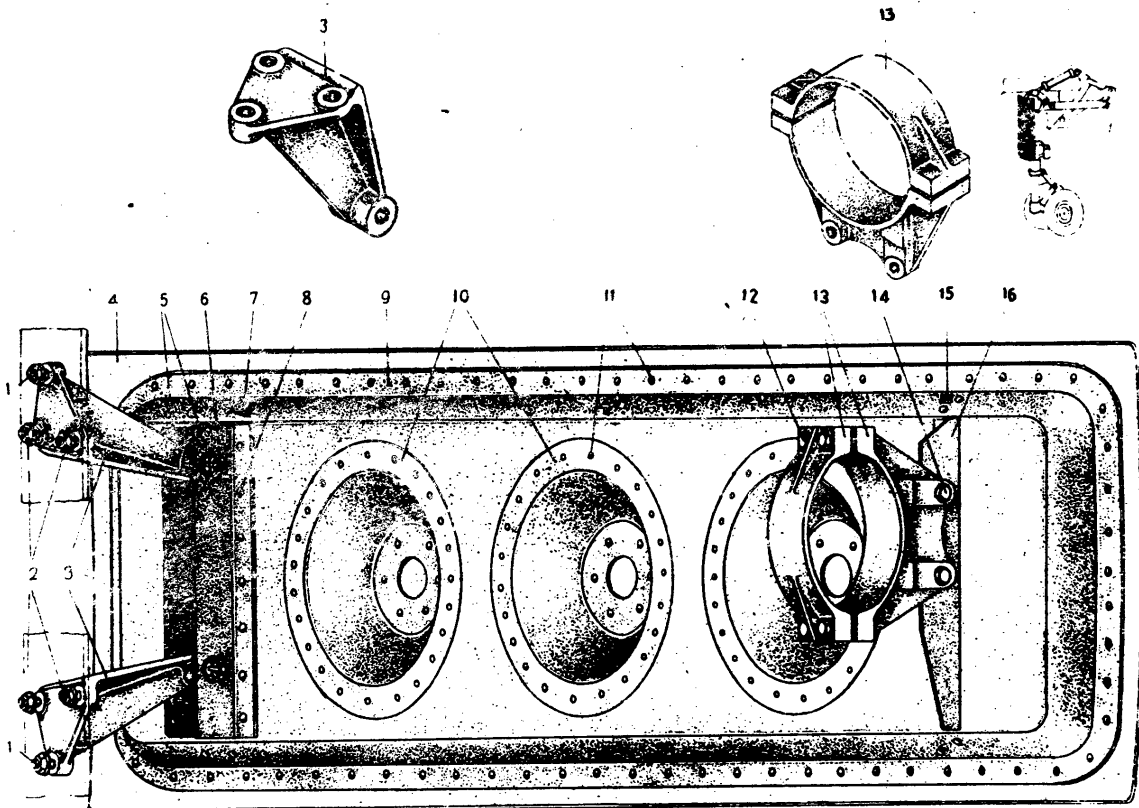


Fig.80.Shield of the undercarriage nose leg.

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80	6	1304C8-42 1406C8 234A1.5-8-16 2x25 stand. 397-41	Bolt /see Fig.52-2,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Cotter pin /see Fig.110,Book V/	2 2 2 2	22 5 1 1	
	7	4284-0-7	Plate 65x260	1	68	A16T
	8	851A4-13	Rivet /see Fig.54,Book V/	22		
	9	4284-0-2	Box 85x30x920	1	375	A16AM
	10	4284-0-6	Cup 170x170x32	3	175	A16AM
	11	1640C3-6	Rivet /see Fig.54,Book V/	155		
	12	1304C6-40 1425C6 234A1-6-14 1.5x20 stand. 397-41	Bolt /see Fig.52-2,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Cotter pin /see Fig.110,book V/	4 4 4 4	11 3 1 1	
	13	4284-2	Band fastener 161x156x40	1	280	M15T4 /casting/
	14	1304C8-28 1406C8 234A1.5-8-16 2x25 stand. 397-41	Bolt/see Fig.52-2,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Cotter pin /see Fig.110,Book V/	2 2 2 2	17 5 1 1	
	15	4284-0-8	Plate 25x260	1	26	A16T
	16	4284-0-3	Profile	1		A1TIIp
81		4285-0/assy/	<u>Right fixed door of the under- carriage nose leg</u>	1	1700	
	1	1823C5-18 234A1-5-10 1400C5	Bolt /see Fig.52-1,Book V/ Washer /see Fig.55,Book V/ Nut /see Fig.53,Book V/	4 4 4	4 . 1.5	
	2	1875C6-52 1425C6	Bolt /see Fig.52-2,Book V/ Nut /see Fig.53,Book V/	2 2	14 3	

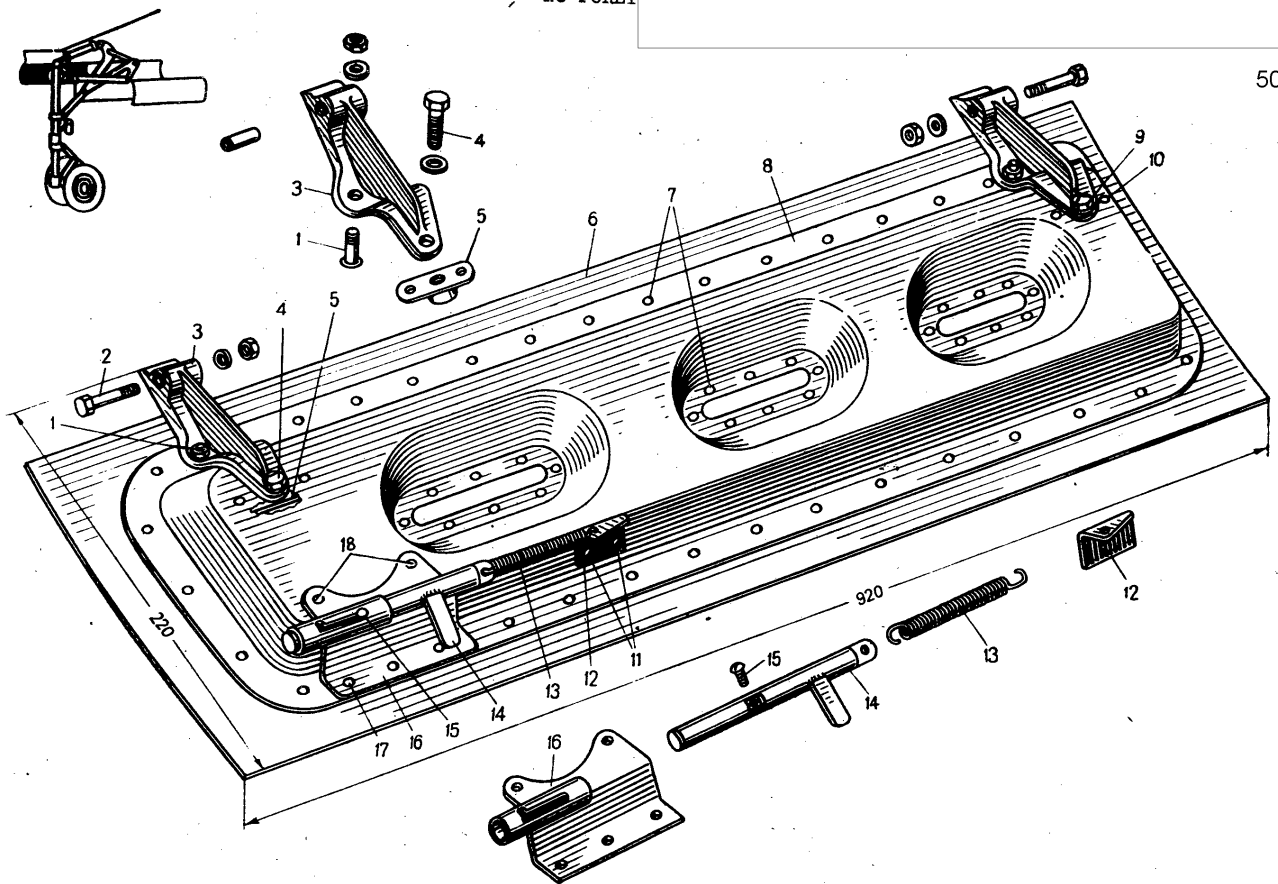


Fig.81.Right fixed door of the undercarriage nose leg.

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81						50X1
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
		1.5x15 stand.	Cotter pin /see Fig.110,Book V/	2		
		397-41				
3		4285-10- /assy/	Support bracket	2	70	
		4285-10-3 /assy/	Support bracket 104x42x38	2	65	MS5T4
		4283-11	Bush 6x8x8x26	2	5	/casting/
4		130106-18	Bolt /see Fig.52-2,Book V/	2	6	Steel 45
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
5		4285-1	Plate 18x52x10	2	15	AK6
6		4285-0-1	Sheating 210x920	1	605	A16ATA1,2
7		1640C3-7	Rivet /see Fig.54,Book V/	80		
8		4285-0-2	Box /see Fig.54,Book V/ 95x900x25	1	380	A16AM
9		4285-0-3	Locking wire	2	1	KO Ø 1
10		II 306-4-9	Rivet /see Fig.54,Book V/	4		
11		II 307-4-11	Rivet /see Fig.54,Book V/	2		
12		4285-3-1	Angle	1	8	A1T IIp
						100-5,
						1-40
						OBC
13		4285-4-2	Spring 10x10x50	1	70	
14		4285-30	Arrester 37x12x150 /welded/	1	340	
15		1308C5-16	Bolt /see Fig.52-2,Book V/	1	3	
16		4285-20-1	Support bracket 56x41x84 /welded/	1	120	
17		875A3-9	Rivet /see Fig.54,Book V/	3		
18		875A3-8	Rivet /see Fig.54,Book V/	2		
		234A1-3-10	Washer /see Fig.55,Book V/	2		
82		4286-0 /assy/	Left fixed door of the undercarriage nose leg	1	1500	
1		1823C5-18	Bolt /see Fig.52-1,Book V/	4	4	
		234A1-5-10	Washer /see Fig.55,Book V/	4		
		1400C5	Nut /see Fig.53,Book V/	4	1.5	
2		1875C6-52	Bolt /see Fig.52-2,Book V/	2	14	

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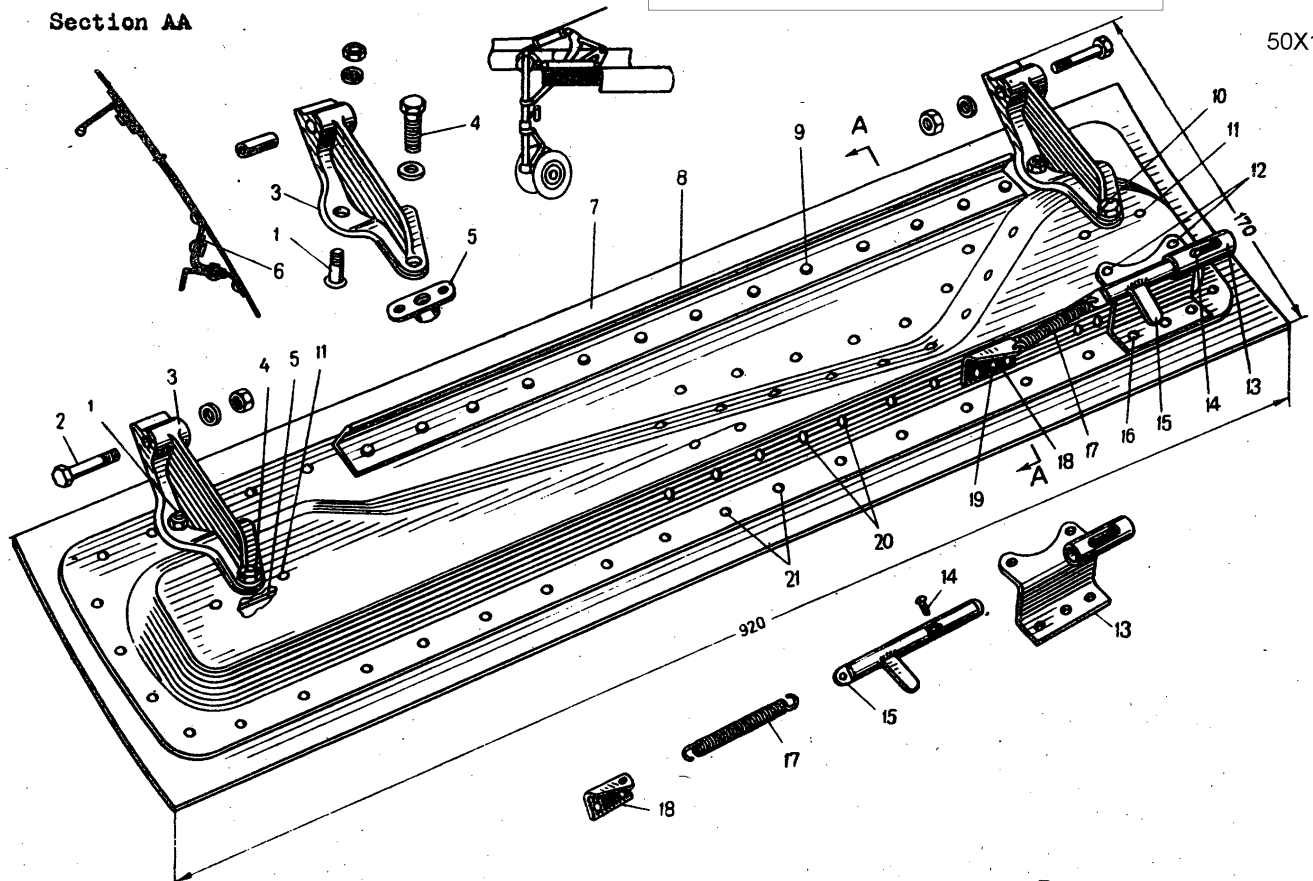


Fig.22. Left fixed /immovable/ door of the undercarriage nose leg.

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82					50X1
	142506	Nut /see Fig.53,Book V/	2	3	
	234A1-6-14	Washer /see Fig.55,Book V/	2	1	
	1.5x15 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
3	4285-10 /assy/	Support bracket	2	70	
	4285-10-3	Support bracket 104x42x38	2	65	M05T4 /casting/ Steel 45
	4283-11	Bush 6x8x8x26	2	5	
4	1301C6-18	Bolt /see Fig.52-2,Book V/	2	6	
	234A1-6-14	Washer /see Fig.55,Book V/	2	1	
5	4285-1	Plate 18x52x10	2	15	AK6
6	4286-0-5	Tie plate 70x25x410	1	170	AK6M
7	4286-0-2	Sheathing 155x920	1	350	AK6M #1,2
8	4285-0-4	Profile	1	150	AK6 IIP 102-7, 1= 500
9	1640C4-10	Rivet /see Fig.54,Book V/	17		KO Ø 1
10	4286-0-3	Locking wire	2		
11	1640C4-9	Rivet /see Fig.54,Book V/	4		
12	871A3-8	Rivet /see Fig.54,Book V/	2		
13	4285-20-2	Support bracket 56x41x84 /welded/	1	120	
14	1308C5-16	Bolt /see Fig.52-2,Book V/	1	3	
15	4285-30	Arrester 37x12x150 /welded/	1	170	
16	875A3-9	Rivet /see Fig.54,Book V/	3		
17	4285-4-1	Spring 10x10x50	1	70	OBC
18	4285-3-2	Angle	1	9	AK6 IIP 101-4
19	851A4-10	Rivet /see Fig.54,Book V/	2		
20	851A4-8	Rivet /see Fig.54,Book V/	32		
21	1640C37	Rivet /see Fig.54,Book V/	50		

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83						
		4283-0-1,2 /assy/	<u>Door of the undercarriage nose leg</u>	2	6130	50X1
1		4283-1-1 /assy/	Box 29x313x80	2	140	Δ16M AK6 hot stamp.
2n		4283-2	Plate 64x80x10	2	49	
3		1301C6-18	Bolt /see Fig.52-2,Book V/	24	6	KO Ø 1
		234A1-6-14	Washer /see Fig.55,Book V/	24	1	
		4283-0-7	Locking wire	12	2	
4		1823C5-20	Bolt /see Fig.52-1,Book V/	8	4	
		234A1-5-10	Washer /see Fig.55,Book V/	8		
		1411C5	Nut /see Fig.53,Book V/	8	1.5	
5		851A4-12	Rivet /see Fig.54,Book V/	40		
6		1875C6-52	Bolt /see Fig.52-2,Book V/	4	14	
		1425C6	Nut /see Fig.53,Book V/	4	3	
		234A1-6-12	Washer /see Fig.55,Book V/	4		
		1.5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	4		
7		4283-10-1 /assy/	Support bracket 150x48x34	2	102	Mn5T4 /casting/ Steel 45
		4283-10-3	Support bracket 150x48x34	2	97	
		4283-11-1	Bush 8x8x26	2	5	
8		M.375-2-150	Butt connection /see Fig.68,Book V/	4	4	
9		1304C5-12	Bolt /see Fig.52-2,Book V/	8	3	
		1411C5	Nut /see Fig.53,Book V/	8	1.5	
		234A1-5-10	Washer /see Fig.55,Book V/	8		
10		1304C6-60	Bolt /see Fig.52-2,Book V/	4	16	
		234A1-6-14	Washer /see Fig.55,Book V/	4	1	
		1406C6	Nut /see Fig.53,Book V/	4	2.5	
		1.5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	4		
11		4283-0-11	Angle	4	62	IP101-4, l = 250.
12		4283-6	Support bracket	2	108	Mn5T4 /casting/

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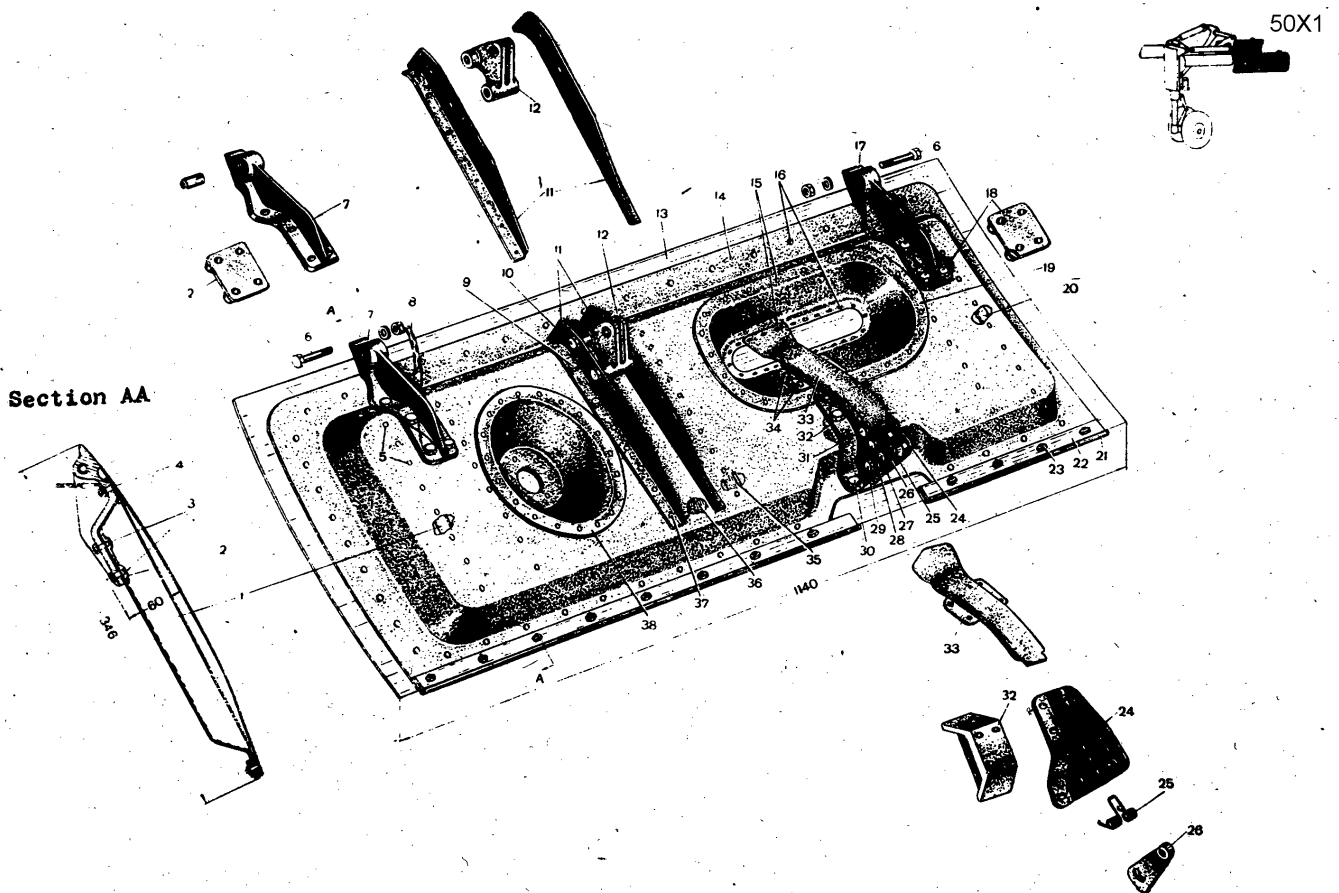


Fig. 83. Door of the undercarriage nose leg.

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83								
13	4283-0-3;-4	Sheathing 350x1150	2	2150	116T 2	50X1		
14	4283-0-5;-6	Box 30x80x1200	2	1018	/casting/			
15	1640C4-11	Rivet /see Fig.54,Book V/	25		116M			
16	1640C4-9	Rivet /see Fig.54,Book V/	150					
17	4283-10-2 /assy/	Support bracket	2	102				
	4283-10-3	Support bracket 150x48x34	2	97	M15T4			
	4283-11-2	Bush 8x8x22	2	5	/casting/			
18	4283-8	Plate 64x80x10	2	49	Steel 45			
			2		AK6 hot			
19	4283-0-1;-2	Cup 170x30x500	2	307	stamp.			
20	4283-1-3	Box 29x80x313	2	140	116M			
21	3826II 1233-1100	Rubber profile /see Fig.65,Book V/	2	60	116M			
22	4820-74-9	Strip 11x2x365	2	6	116AT			
	4820-74-11	Strip 11x2x653	2	10	116AT			
23	1319C4-16	Bolt /See Fig.52-1,Book V/	40	1.5				
	1401C4	Nut /see Fig.53,Book V/	40	1				
24	4283-5	Support bracket 98x57x75	2	137	M15T4			
25	4283-4	Spring 48x14x30	2	13	/casting/			
26	4283-3	Catch 46x36x16	2	70	OBC			
27	1888C6-54	Bolt /see Fig.52-2,Book V/	2	15	30XICA			
	1425C6	Nut /see Fig.53,Book V/	2	3				
	234A1-6-14	Washer /see Fig.55,Book V/	2	1				
	1.5x20 stand.	Cotter pin /see Fig.110,Book V/	2					
	397-41		2					
	LM144-6-8-16	Bush /see Fig.56; Book V/	2	3				
28	1888C6-54	Bolt /see Fig.52-2,Book V/	2	15				
	1425C6	Nut /see Fig.53,Book V/	2	3				
	234A1-6-14	Washer /see Fig.55,Book V/	2	1				
	1.5x20 stand.	Cotter pin /see Fig.110,Book V/	2					
	397-41		2					
	LM144-6-8-35	Bush /see Fig.56, Book V/	2	6				

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85									
29	MI151-6-5-42 1406C5 234A1-5-10 1x20 stand. 397-41	Bolt /see Fig.52-1,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Cotter pin /see Fig.110,Book V/	2 2 2 2	11 3				50X1	
30	1823C5-22 234A1-5-10 1411C5	Bolt /see Fig.52-1, Book V/ Washer /see Fig.55,Book V/ Nut /see Fig.53,Book V/	4 4 4	4					
31	1304C5-50 1400C5 234A1-5-10	Bolt /see Fig.52-2,Book V/ Bolt /see Fig.52-2,Book V/ Washer /see Fig.55,Book V/	2 2 2	8 1.5					
32	4283-7	Washer 32x100x84	2	211				AK6	
33	4283-20;1,-2	Protective plate 75x170x20 /welded/	2	163					
34	1301C5-10	Bolt /see Fig.52-2,Book V/ Locking wire	8 4	3 1				KO Ø 1	
35	4283-0-8	Profile 16x30x220	2	30				A16M	
36	4283-1-2	Box 29x80x314	2	1				A16M	
37	851A4-11	Rivet /see Fig.54,Book V/	25						
38	4283-0-13	Cup 170x170x30	2	175				A16AM	

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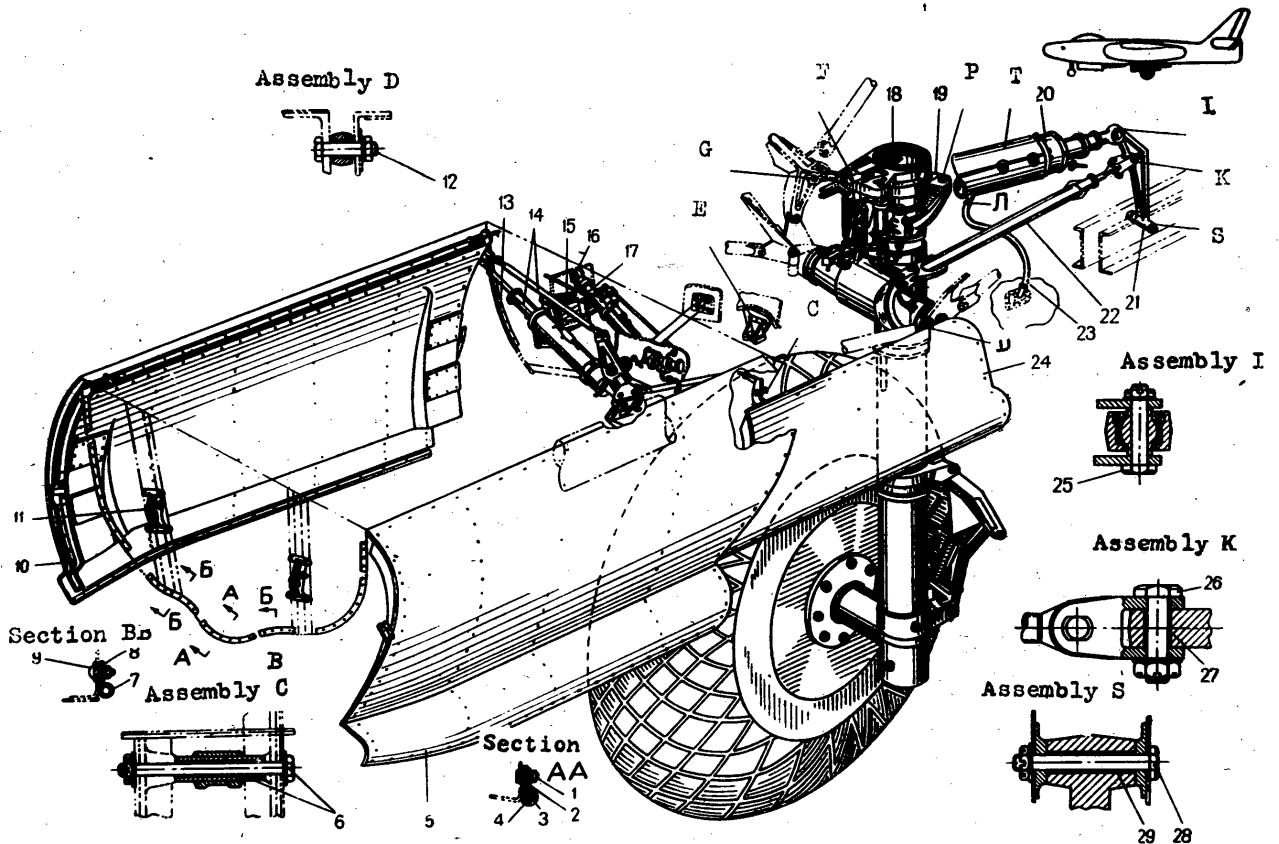
Fig. No.	Position	U N D E R C A R R I A G E		How many for one engine	Weight of one parting	Material
		Group	Sub-group			
		Drawing No.	Denotation and overall dimensions			
84-1		4100-0-1;-2/assy/	Installation of the undercarriage main legs /landing wheels/	2	917.3 kg	
	1	1307C4-16 IL749-4 233A1-4-8	Bolt /see Fig.52-2, Book V/ Nut /see Fig.109, Book V/ Washer /see Fig.55, Book V/	7 7 7	2 1	
	2	4820-0-63	Strip 70x200	2	15	Δ16AT
	3	4820-0-37	Heat resisting fabric 90x320	2	20	KB-13
	4	4820-0-38	Asbestos cord 5x320	2	6	Asbestos
	5	4830-0-1;2/assy/	Inner door of the undercarriage main leg /see Fig.99/	2	23.895kg	
	6	1305C10-116 1406C10 2.5x25 stand. 397-41	Bolt /see Fig.52-2, Book V/ Nut /see Fig.53, Book V/ Cotter pin /see Fig.110, Book V/	2 2 2	82 7 1	
		234A1.5-10-20	Washer /see Fig.55, Book V/	2	3	
		1363C10-12-60	Bush /see Fig.56, Book V/	2	8	
	7	3826L#1231	Rubber profile /see Fig.65, Book V/	12	15	
	8	4820-0-60 4820-0-61 4820-0-62	Strip 11x110 Strip 11x370 Strip 11x275	4 4 4	10 35 30	Δ16AT Δ16AT Δ16AT
	9	1307C4-16 IL749-4 234A1-4-8	Bolt /see Fig.52-2, Book V/ Nut /see Fig.109, Book V/ Washer /see Fig.55, Book V/	74 74 74	2 1	
	10	4820-0-2 /assy/	Outer door of the undercarriage main leg /see Fig.100/	2	24.265kg	
	11	4801-0-2/assy/	Stoppers of the front locks of the undercarriage main leg doors /see Fig.93/	2	1300	

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84-1					50X1
12	1305C10-38-32,5	Bolt /see Fig.52-2,Book V/	2	33	
	1406C10	Nut /see Fig.53,Book V/	2	7	
	234A2-10-20	Washer /see Fig.55,Book V/	2	3	
	2,5x25 stand.				
	397-41	Cotter pin /see Fig.110,Book V/	2	1	
	1363C10-12-16	Bush /see Fig.56,Book V/	2	2	
13	3826II 1231	Rubber profile /see Fig.65,Book V/	6	30	
	4820-74-4	Strip 11x300	2	12	A16AT
	4820-74-5	Strip 11x180	2	12	A16AT
	4820-74-6	Strip 11x400	2	6	A16AT
	1337C3-6	Screw /see Fig.52-1,Book V/	84	2	
	VI 749-3	Nut /see Fig.52-1,Book V/	84	1	
14	4810-0-1;-2/assy/	Control mechanism of the undercarriage main leg doors /see Fig.95/	2	9350	
15	4802-0-1;-2/assy/	Installation of the mechanism for controlling the door locks of the main legs /see Fig.94/	2	3325	
16	II151-8-6-26-32	Bolt /see Fig.52-1,Book V/	2	13	
	II151-8-6-28-34	Bolt fixing the cylinder to the door /see Fig.52-1/ Book V/	2	14	
	1425C6	Nut /see Fig.53,Book V/	4	3	
	234A1,5-8-16	Washer /see Fig.55,Book V/	4	1,5	
	1,5x15 stand				
	397-41	Cotter pin /see Fig.110,Book V/	4		
17	4842-0-1;-2/assy/	Cylinder of the rear door with change-over switch /see Fig.101/	2	4180	
18	4110-0-1;-2/assy/	Undercarriage main leg /see Fig.86/	2	350,53	
19	4120-0-1-2/assy/	Swivel rod /see Fig.85,Assembly N/	2	1570	
20	4180-0-1-2/assy/	Lifting cylinder of the undercarriage main leg /see Fig.82/	2	17,717	
				kg	
21	4142-0/assy/	Lifting lever /see Fig.85,Assembly M/	2	1570	
22	4141-0/assy/	Lifting pull rod /see Fig.85,Book V/	2	3105	
23	4100-0-3	Durite hose	2	100	ALLIb48-40-500

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84-1. Installation of the undercarriage main legs
/main landing wheels/.

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84-1					50X1
24	4840-0-1-2 /assy	Rear door /see Fig.103/	2	8324	
25	I1A151-12-10-45	Bolt /see Fig.52-1,Book V/	4	65	
	1406C10	Nut /see Fig.53,Book V/	4	7	
	234A1,5-10-20	Washer /see Fig.55,Book V/	4	3	
	2,5x30 stand.				
	397-41	Cotter pin /see Fig.110,Book V/	4	1	
26	I1A151-16-14-42	Bolt /see Fig.52-1,Book V/	4	107	
	1406C14	Nut /see Fig.53,Book V/	4	15	
	234A2-14-25	Washer /see Fig.55,Book V/	4	5	
	2,5x40 stand.				
	397-41	Cotter pin /see Fig.110,Book V/	4	1	
27	I1A144-16-20-26	Bush /see Fig.56,Book V/	4	12	
28	I1A151-12-10-82	Bolt /see Fig.52-1,Book V/	2	109	
	1406C10	Nut /see Fig.53,Book V/	2	7	
	234A1,5-10-20	Washer /see Fig.55,Book V/	2	3	
	2,5x30 stand.				
	397-41	Cotter pin /see Fig.110,Book V/	2	1	
29	I1A144-12-16-60	Bush /see Fig.56,Book V/	2	41	
30	1304C8-22	Bolt /see Fig. 52-2,Book V/	4	14	
	1406C8	Nut /see Fig.53,Book V/	4	5	
	234A1-8-16	Washer /see Fig.55,Book V/	4	1	
	2x25 stand.				
	397-41	Cotter pin /see Fig.110,Book V/	4	1	
31	4100-13	Bolt 18x18x29	6	18	30X1CA
	234A1-8-16	Washer /see Fig.55,Book V/	6	1	

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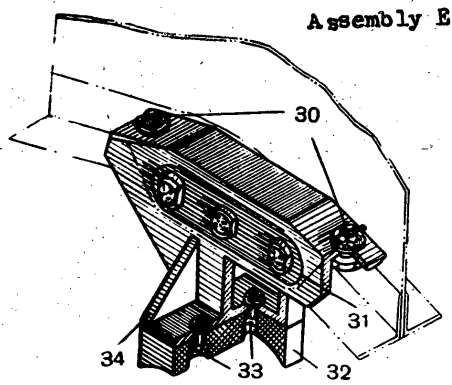
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84-2		140008	Nut /see Fig.53,Book V/	6	5	
	32	4100-12	Gasket 40x20x54	2	58	IIT 50X1
	33	1318C5-20	Screw /see Fig.52-1,Book V/	4	5	
		234A1-5-10	Washer /see Fig.55,Book V/	4		
		1406C5	Nut /see Fig.53,Book V/	4	2	
		1x20 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	4		
	34	4100-11	Support bracket 140x72x54	2	140	AK6 hot. stamp.
	35	140151-20-18-60	Bolt /see Fig.52-1,Book V/	2	175	
		1406C18	Nut /see Fig.53,Book V/	2	14	
		234A2-18-30	Washer /see Fig.55,Book V/	2	6	
		2x45 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	2	1,5	
	36	140151-20-18-64	Bolt /see Fig.52-1,Book V/	2	186	
		1406C18	Nut /see Fig.53,Book V/	2	14	
		234A2-18-30	Washer /see Fig.55,Book V/	2	6	
		3x45 stand.				
		397-41	Cotter pin /see Fig.100,Book V/			
	37	4100-30	Band fastener 144x160x16 /welded/	4	52	
	38	1305C5-38	Bolt /see Fig.52-2,Book V/	4	8	
		15A5	Spring washer /see Fig.55,Book V/	4		
		1400C5	Nut /see 53,Book V/	4	2	
	39	4100-20	Air cooling mantle of the cylinder			
			150x210x360 /welded/	2	750	
	40	1307C5-10	Bolt /see Fig.52-2,Book V/	20	3	
		15A5	Spring washer /see Fig.55,Book V/	20		
		1400C5	Nut /see Fig.53,Book V/	20	2	
	41	140782-1	Band fastener /see Fig.60-1,Book V/	4	31	
	42	140151-12-10-16	Bolt /see Fig.52-1,Book V/	4	14	
		1425C10	Nut /see Fig.53,Book V/	4	8	
		234A1,5-12-20	Washer /see Fig.55,Book V/	4	3	
		2,5x30 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	4	1	
	43	4100-1	Lock socket 42x68x240	2	1175	30X1CA

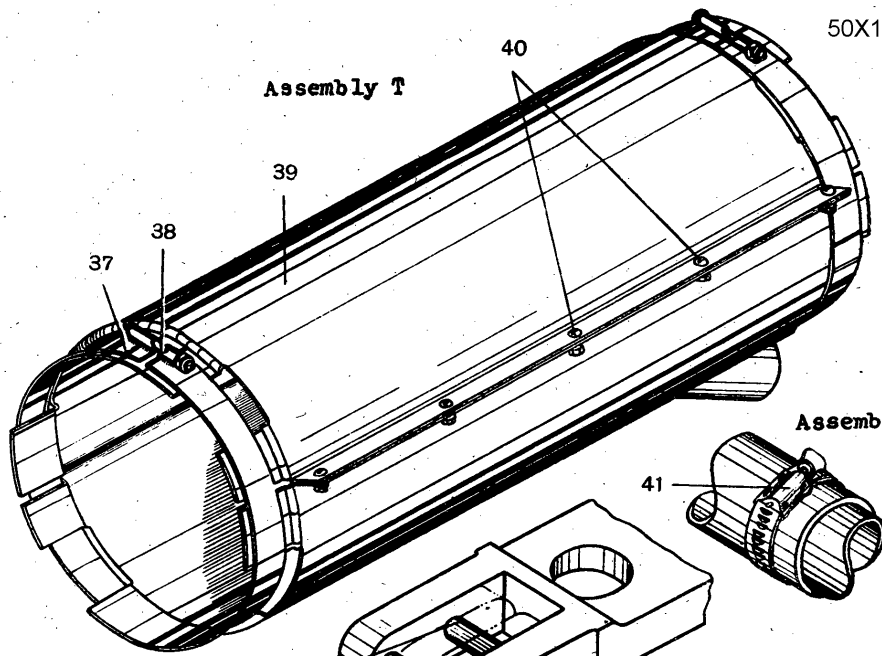
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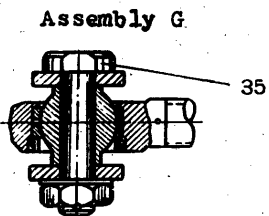
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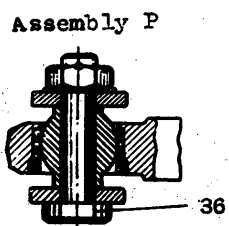
Assembly E



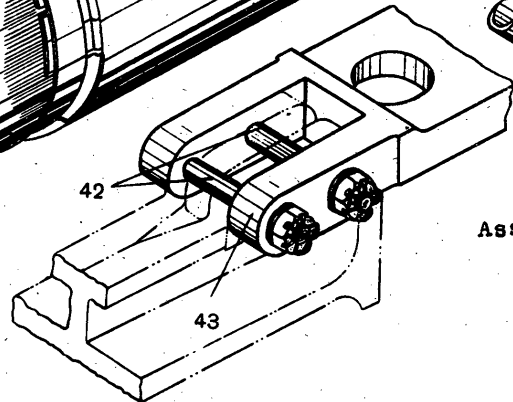
Assembly T



Assembly G



Assembly P



Assembly F

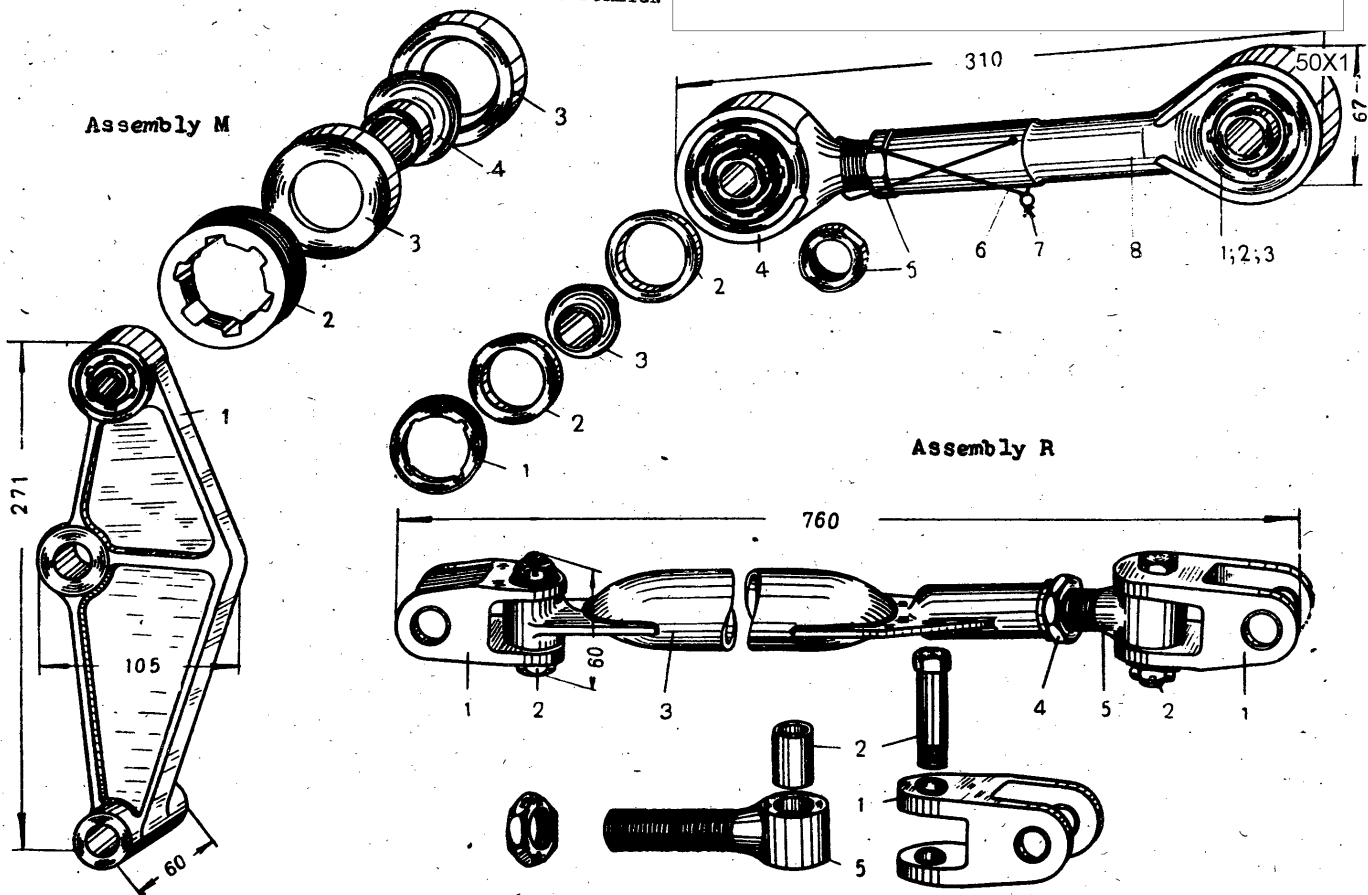
84-2.Assembly parts of the undercarriage main legs.

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85	Assembly M	4142-0 /assy/	<u>Undercarriage lifting lever</u>	2	1570	50X1
	1	4142-1	Lever 60x100x270	2	1460	30XICA hot stamp
	2	4142-4	Nut 35x33x6	2	15	30XICA
	3	4142-2	Spherical insert 31x31x8	4	22	6pA * Mu10- 3-1,5
	4	4142-3	Universal articulated joint 25x25x32	2	51	30XICA
	Assembly N	4120-0-1;-2/assy/	<u>Swivel pull rod</u>	2	1570	
	1	4120-4	Nut 48x47x7	4	30	30XICA
	2	4120-6	Spherical insert 45x45x7	8	27	6pA * Mu10- 3-1,5
	3	4120-5	Universal articulated joint 38x38x40	4	152	30XICA
	4	4120-2	Adapter 23x67x146	2	628	30XICA "Ceslekt" hot stamp
	5	4120-3	Safety nut 34x34x10	2	35	Steel 45
	6	4120-0-3	Locking wire	2	8	K01
	7	4120-0-4	Seal /finished product/	2	5	
	8	4120-1	Adapter 32x67x216	2	817	30XICA "Ceslekt" hot stamp
	Assembly R	4141-0 /assy/	<u>Undercarriage lifting pull rod</u>	2	3105	
	1	4141-2	Cardan joint 42x42x98	4	394	30XICA "Ceslekt" hot stamp
	2	14151-16-14-42	Bolt /see Fig.52-1,Book V/	4	107	
		234A2-16-30	Washer /see Fig.55,Book V/	4	4	
		1406C14	Nut /see Fig.53,Book V/	4	15	

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85. Assembly parts of the undercarriage main legs.

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85		2,5x40 stand 397-41	Cotter pin /see Fig.110,Book V/	4	1		
		II 144-16-20-26	Bush /see Fig.56,Book V/	4	20		
	3	4141-10	Pull rod 40x50x585 /welded/	2	1665		
	4	1020	Safety nut /see Fig.53,Book V/	2	26		
	5	4141-1	Eye bolt 26x40x107	2	335		30XICA "CenlekT" hot stamp.
86		4110-0-1;-2/assy/	Undercarriage main leg	2	350,53 kg		
	1		Landing wheel 1140x350 /finished product/1	2	215 kg		
			Wheel 1150x355 B2	2	215 kg		
	2	4110-20 /assy/	Bolt 20x20x172	2	108		
		234A1,5-10-20	Washer /see Fig.55,Book V/	2	3		
		1412C10	Nut /see Fig.53,Book V/	2	12		
		2,5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	2	2		
	3	4110-2	Plug 26x26x40	4	110		30XICA
	4	4115-10	Lower joint with axle 200x200x532 /welded/	2	14,7 kg		
	5	4110-6	Eye bolt 15x19	2	13		
	6	123A	Staufel lubricator /see Fig.109,Book V/	12	6		
	7	4110-4	Bolt 31x31x78	8	214		30XICA
		234A3-18-30	Washer /see Fig.55,Book V/	8	10		
		1425C18	Nut /see Fig.53,Book V/	8	41		
		3x45 stand. 397-41	Cotter pin /see Fig.110,Book V/	8	2		
	8	4110-1-1;-2	Slit brid 56x132x270	4	3075		30XICA "CenekT" hot stamp.

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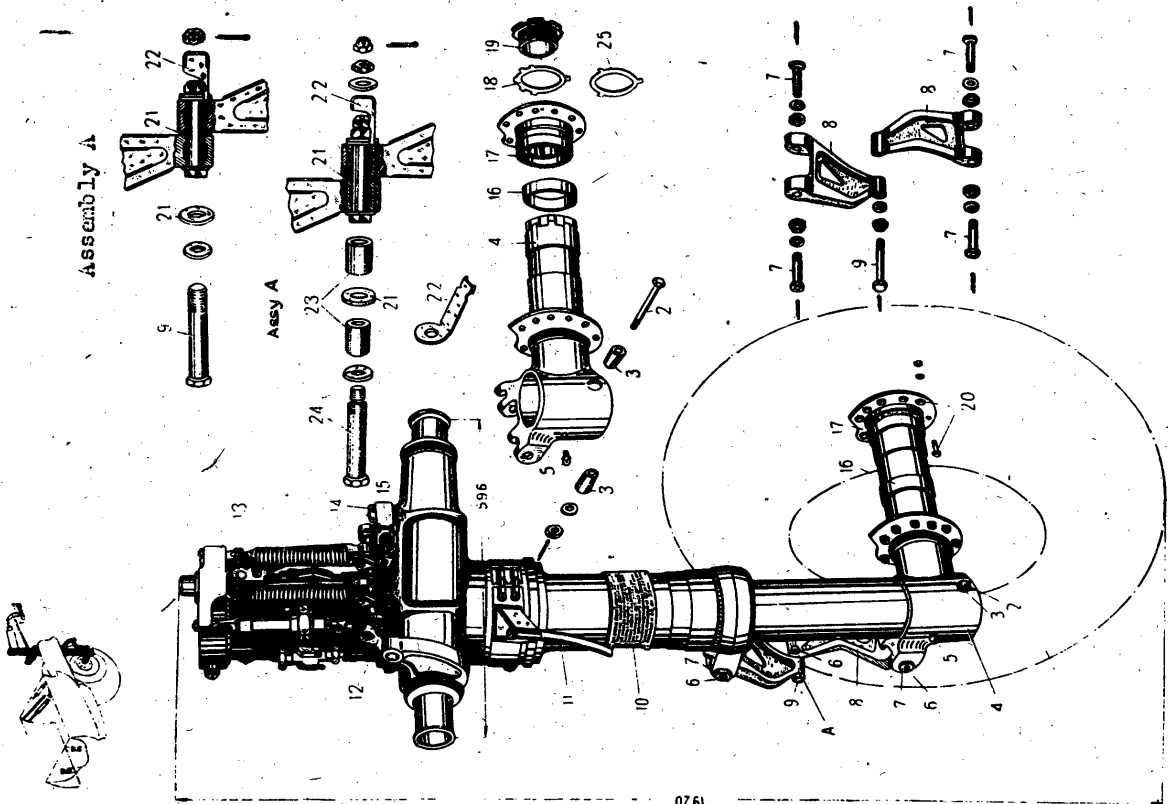
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86					50X1
9	4110-5 ³ 234A2-16-28 1412C16 ³ 3x45 stand. 397-41	Bolt 28x28x100 Washer /see Fig.55,Book V/ Nut /see Fig.54,Book V/ Cotter pin /see Fig.110,Book V/	2 2 2 2	168 4 28	
10	4110-7/assy/ 4110-7-1 4110-7-2 851A2,6-6 1315C5-12 1400C5	Label with band fasteners 138x160x85 Label 190x85 Fastener band 451x12 Rivet /see Fig.54,Book V/ Screw /see Fig.52-1,Book V/ Nut /see Fig.53,Book V/	2 2 4 12 4 4	136 43 42	Steel 20 Steel 20
11	4111-0-1;-2/assy/	Shock absorber of the main landing wheel /see Fig.87/	2	104,635 kg	
12	14M909-10-8-20 234A1,5-10-20 1419C8	Bolt /see Fig.52-1,Book V/ Washer /see Fig.55,Book V/ Nut /see Fig.53,Book V/	4 4 4	20 3 6	
13	4113-0-1;-2 /assy/	Lock of the undercarriage main leg /see Fig.88/	2	11,525 kg	
14	1307C4-12 234A1-4-8 1400C4-8	Bolt /see Fig.52-2,Book V/ Washer /see Fig.55,Book V/ Nut /see Fig.53,Book V/	8 8 8	3 1	
15	BK-44	End switch /finished product/	2	250	
1	Is being installed on the aircrafts with Nos.starting from 6450901,1316603,52003202.				
2	Is being installed on the aircrafts with Nos.starting from 6450101,30500101,0116601 up to 6450901,1316602,52003201.				
3	Is being installed on the aircrafts with Nos.starting from 6450101,0116601,30500101 up to 2402501,36603310,53004801.				

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84.
50X1



86. Undercarriage main leg.

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86	16	4115-2	Bush 110x125x26	2	190	AIT
	17	4115-1, -1-2	Braking flange 200x200x52	2	1900	30XICA 50X1
	18	4115-3 ⁴	Lock ring 142x124	2	35	"Cenekt"
	19	4115-4	Nut 128x128x46	2	645	Steel 20
	20	1301C14-46	Bolt /see Fig.52-2, Book V/	44	70	30XICA
		234A2-14-25	Washer /see Fig.55, Book V/	44	5	
		1400E14	Nut /see Fig.53, Book V/	88	18	
	21	4110-3	Washer 28x28x4	2	7	30XICA
	22	4110-8	Holder 51x70x28	2	23	Steel 20
	23	4110-9	Bush 16x20x20x32	4	28	30XICA
	24	4110-11 ⁵	Bolt 28x28x106	2	185	30XICA
		1400X16 ⁵	Nut /see Fig.53, Book V/	2	22	
		1412C14	Nut /see Fig.53, Book V/	2	24	
		234A2-16-28 ⁵	Washer /see Fig.55, Book V/	4		
	25	4115-3 ⁶	Locking ring 124x142	2	35	Steel 20

	4	Is being installed on the aircrafts with Nos. starting from 2401301, 26602105, 530512801.				
	5	Is being installed on the aircrafts with Nos. starting from 2402501, 26603401, 53004801.				
	6	Is being installed on the aircrafts with Nos. starting from 6450101, 0116601, 30500101 up to 2401301, 26602105, 53004801.				

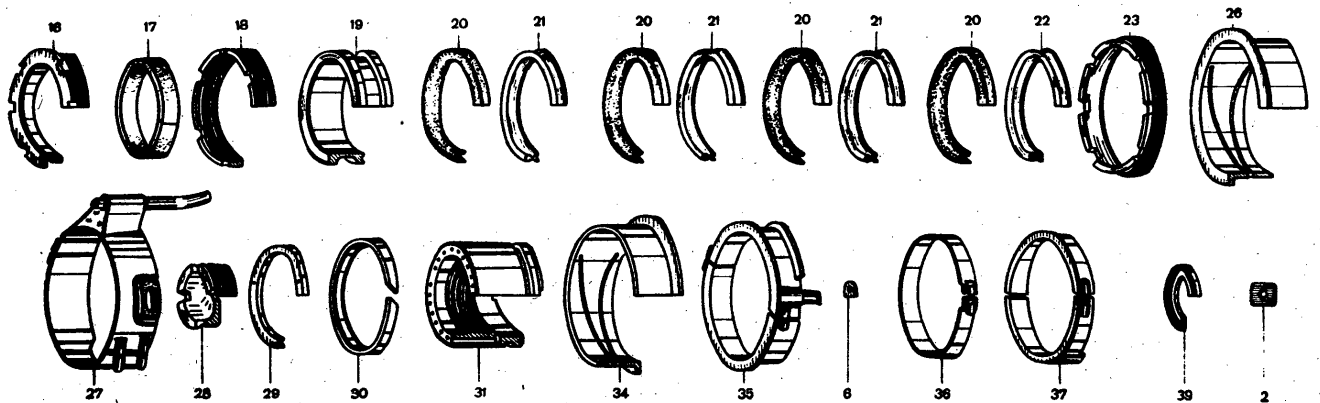
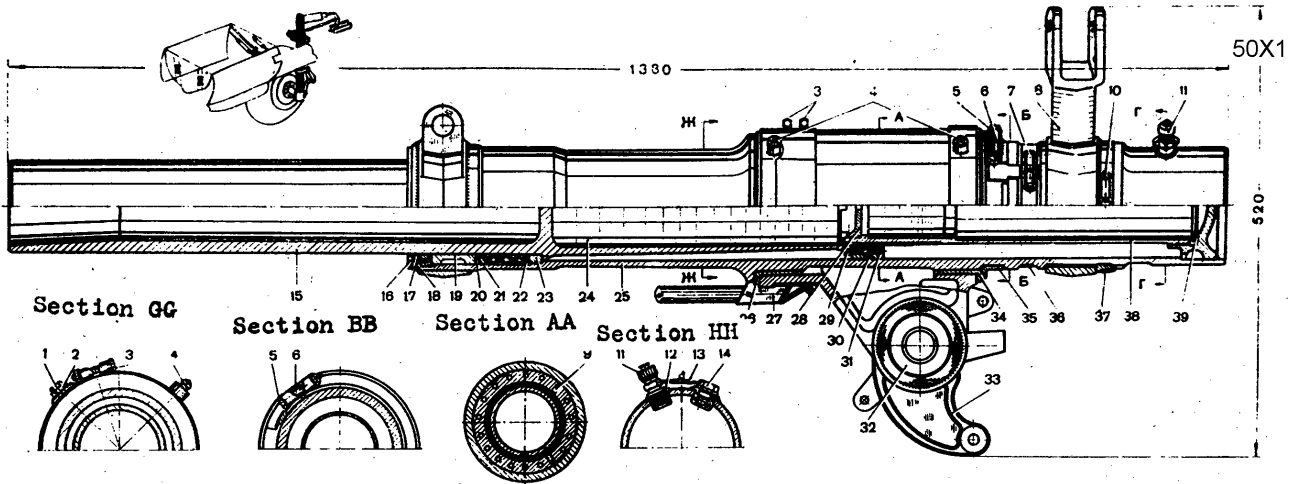
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87						
		4111-0-1;-2 /assy/	Shock-absorber of the undercarriage main legs	2	104,635 kg	50X1
1	II 1151-10-8-10		Bolt /see Fig.52-1,Book V/	2	18	
2	234A1-10-16		Washer /see Fig.55,Book V/	2	2	
3	4111-18		Washer 24x24x4	2	30	30X1CA
	1304C8-60		Bolt /see Fig.52-2,Book V/	8	26	
	1400C8		Nut /see Fig.53,Book V/	8	5	
4	234A1,5-8-16		Washer /see Fig.55,Book V/	8	2	
	123A		Stauffer lubricator /see Fig.109,Book V/	4	6	
5	1875C8-56		Bolt /see Fig.52-2,Book V/	4	28	
	1425C8		Nut /see Fig.53,Book V/	4	5	
	234A2,5-8-16		Washer /see Fig.55,Book V/	4	3	
	2x25 stand					
	397-41					
6	4111-17		Cotter pin /see Fig.110,Book V/	4	1	
7	1875C8-52		Washer 16x19x5	4	9	Steel 20
	234A2,5-8-16		Bolt /see Fig.52-2,Book V/	2	26	
	1425C8		Washer /see Fig.55,Book V/	2	3	
	2x25 stand		Nut /see Fig.53,Book V/	2	5	
	397-41					
8	4111-16-1;-2		Cotter pin /see Fig.110,Book V/	2	1	
			Swivel lever 56x160x340	2	4450	30X1CA "Селект" hot stamp.
9	II 747-8-14		Bolt /see Fig.52-1,Book V/	4	2	
10	1305G6-58		Bolt /see Fig.53,2,Book V/	4	15	
	1425C6		Nut /see Fig.53,Book V/	4	3	
	234A1-6-12		Washer /see Fig.55,Book V/	4	1	
	1,5x20 stand					
	397-41					
11	II 4527		Cotter pin /see Fig.110,Book V/	4		
12	II 746		Filling neck /see Fig.98,Book V/	2	248	
13	4111-0-3		Washer /see Fig.55,Book V/	2	3	
14	II 825		Locking wire	2	5	KO-1
15	4111-1		Plug /see Fig.65,Book V/	2	55	
			Piston 120x120x984	2	25,615 kg	30X1CA "Селект"

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87. Shock absorber of the undercarriage main legs.

87	16	4111-3-1	Lower nut 140x140x21	2	300	30XICA	50X1
	17	4111-0-4	Felt sealing ring 25x435x4	2	15	Aviation sealing ring stand.	
	18	4111-2-1	Supporting nut 135x13x521	2	320	288-41 30XICA	
	19	4111-4-1	Lower bushing 110x131x131x50	2	885	bpA * Mu10- 3-1,5 leather, chrome, shabrack	
	20	4111-5-1	Cuff 110x131x131x13	8	30		
	21	4111-61	Spacing ring 93,5x128x128x13	6	60	AIT	
	22	4111-7-1	Spacing ring 93,5x128x128x14	2	72	AIT	
	23	4111-8-1	Nut 130x130x16	2	340	30XICA	
	24	II 660	Shock absorbing compound	4,6	1 4610		
	25	4111-20-1;-2	Cylinder 119x172x172x935 /welded/	2	32,14	kg	
	26	4116-4	Bush 147,5x174x174x52	2	2435	bpA * Mu-10- 3-1,5	
	27	4111-60	Band fastener with lever 254x210x195 /welded/	2	1125		
	28	4111-12-1	Diffusor 72x72x24	2	315	Steel 45	
	29	4111-9-1	Valve 114x114x5	2	100	30XICA	
	30	4111-11-1	Piston ring 127x127x8	2	80	Castiron II4 /AITbe/	
	31	4111-15	Upper bush 92,5x122x122x70	2	2200	bpA * Mu10- 3-1,5	
	32	4116-6-1-2 ¹	Plug 47x47x15	4	25	AIT	

¹ Is being installed on the aircrafts with Nos.starting from
2401106,26601601,52003201.

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87	33	4116-0-1;-2	Girder 600x300x260 /welded/	2	25,515kg	50X1	
	34	4116;-4	Bush 147,5x174x174x52	2	2435	30X10-3-1,5	
	35	4111-30-1;-2	Band fastener 182x172x30 /welded/	2	860		
	36	4111-50	Band fastener 160x145x18 /welded/	2	120		
	37	4111-40-1;-2	Band fastener 160x152x22 /welded/	2	405		
	38	4111-14	Diffusor tube 66x90x90x410	2	1120	ALT	
	39	4111-13-1	Locking wire 190x190x6	2	85	Steel 45	
	88		4113-0-1;-2/assy/	Lock for securing the undercarriage main leg in lowered position /down position lock/	2	11,325kg	
		1	4113-1	Horn of the lock 35x35x134	2	675	"Ce.mekT"
2		4113-7	Shackle bolt 20x20x71	4	38	30X10A	
		1419C8	Nut /see Fig.53,Book V/	4	5	Steel 45	
3		1305C8-22	Bolt /see Fig.52-2,Book V/	4	15		
		234A1,5-8-16	Washer /see Fig.55,Book V/	4	1		
		1406C8	Nut /see Fig.53,Book V/	4	5		
		2x25 stand.					
		397-41	Cotter pin /see Fig.110,Book V/	4	1		
		14144-10-8-6	Bush /see Fig.56,Book V/	4	1		
4		1805C6-6	Screw /see Fig.52-1,Book V/	2	1		
5		4113-5	Return spring 32x32x170	4	650	OBC	
6		1875C8-68	Bolt /see Fig.52-2,Book V/	2	33		
		234A1,5-8-16	Washer /see Fig.55,Book V/	2	2		
		1406C8	Nut /see Fig.53,Book V/	2	5		
		2x25 stand.					
		397-41	Cotter pin /see Fig.110,Book V/	2			
7	4113-2	Forked cup 27x27x54	2	105	30X10A		
8	1875C6-26	Bolt /see Fig.52-2,Book V/	2	8			
	234A1-6-14	Washer /see Fig.55,Book V/	2	1			
	1425C6	Nut /see Fig.53,Book V/	2	3			

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70.

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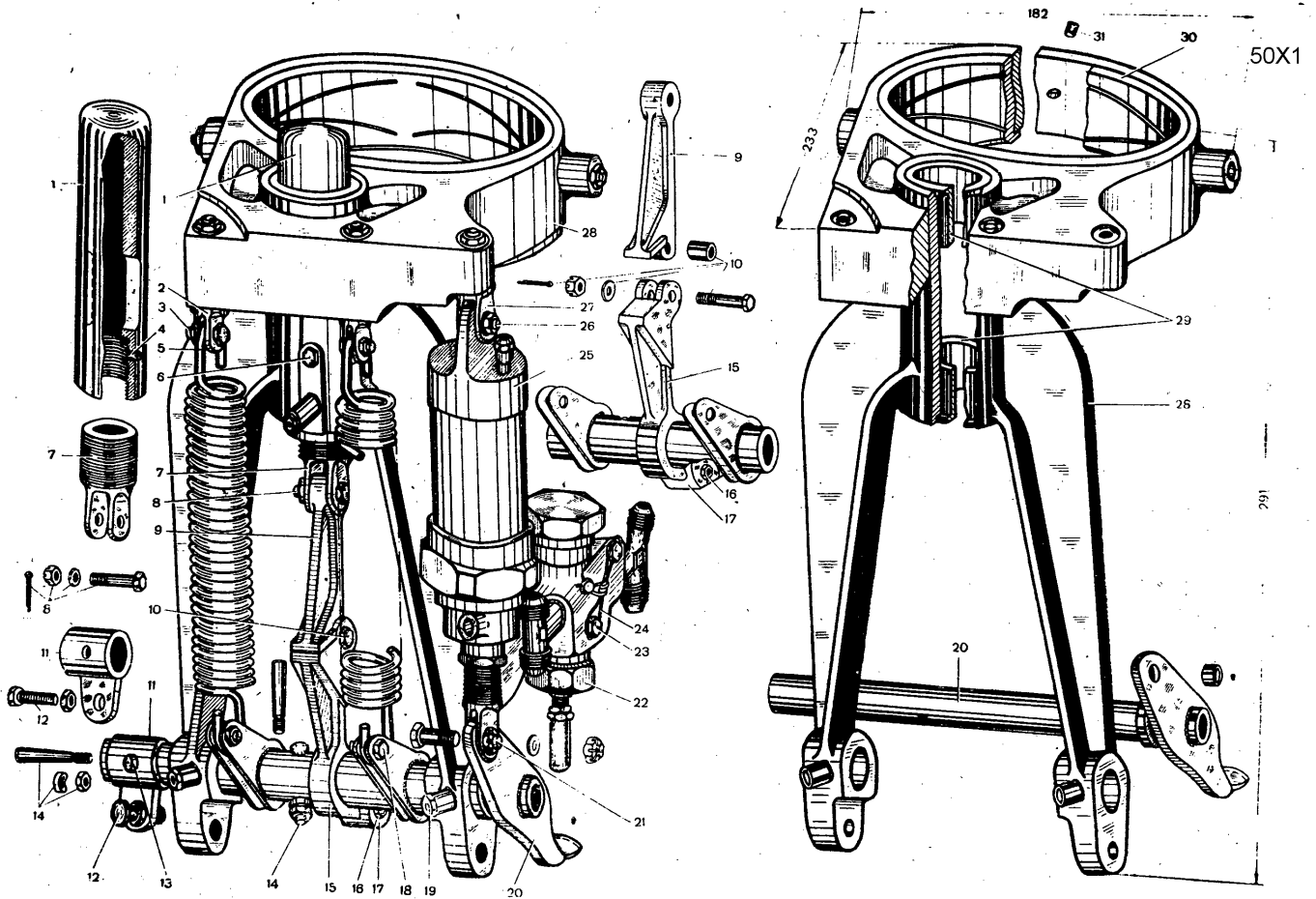
	1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2				50X1
	II 144-8-6-8	Bush /see Fig.56,Book V/	2		1		
9	4113-3	Lever 36x90x14	2		113		30XICA
10	II 151-8-6-16	Bolt /see Fig.52-1,Book V/	2		9		
	234A1,5-8-16	Washer /see Fig.55,Book V/	2		2		
	1425C6	Nut /see Fig.53,Book V/	2		3		
	1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2				
	II 144-10-8-8	Bush /see Fig.56,Book V/	2		2		
11	4113-20	Lever 44x30x22 /welded/	2		63		
12	4113-4	Supporting bolt 14x14x24	2		10		Steel 45
	1400C8	Safety nut /see Fig.53,Book V/	2		5		
13	1248C6-30	Taper bolt /see Fig.52-1,Book V/	2		10		
	234A1-5-12	Washer /see Fig.55,Book V/	2				
	1400C5	Nut /see Fig.53,Book V/	2		2		
14	1248C6-30	Taper bolt /see Fig.52-1,Book V/	4		10		
	1272C5-12,5	Saucer washer /see Fig.55,Book V/	4		3		
	1400C5	Nut /see Fig.53,Book V/	4		2		
15	1413-30-1;-2	Rocker 80x97x108 /welded/	2		467		
16	II 282-5-26	Bolt /see Fig.52-1,Book V/	4		8		
	1400C5	Nut /see Fig.53,Book V/	4		2		
17	4113-32-1;-2	Bushing 14x31x20	2				bpAx Mul0- 3-1,5
18	1305C8-22	Bolt /see Fig.52-2,Book V/	4		15		
	234A1,5-8-16	Washer /see Fig.55,Book V/	4		2		
	1406C8	Nut /see Fig.53,Book V/	4		5		
	2x25 stand. 397-41	Cotter pin /see Fig.55,Book V/	4				

1 Is being installed on the aircrafts with Nos.starting from 2401701,2660301, 52003701.

2 Is being installed on the aircrafts with Nos.starting from 6450101,0116601, 30500101 up to 2401701,26602205, 52003220.

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38. Lock for securing the undercarriage main leg in lowered position / down-position lock /

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19	IA144-10-8-6	Bush /see Fig.56,Book V/	4	1			50X1
	123A	Stauer lubricator /see Fig.109,Book V/	8	6			
20	4113-40-1;-2	Shaft with lever 120x40x205 /welded/-	2	442			
21	1875C8-22	Bolt /see Fig.52-2,Book V/	2	15			
	234A1,5-8-16	Washer /see Fig.55,Book V/	2	2			
	1406C8	Nut /see Fig.53,Book V/	2	5			
	2x25 stand.						
	397-41	Cotter pin /see Fig.110,Book V/	2				
22	IA144-10-8-6	Bush /see Fig.56,Book V/	2	1			
	4114-0	Blocking valve Type II /see Fig.89/-	2	301			
23	1304C6-36	Bolt /see Fig.52-2,Book V/	4	10			
	234A1-6-14	Washer /see Fig.55,Book V/	4	1			
24	4113-0-31	Locking wire	2	1			KO 1
25	4112-0-11/assy/	Switching cylinder /see Fig.90/	2	972			
	III-3680/assy/	Switching cylinder /see Fig.92/	2	952			
26	1875C8-22	Bolt /see Fig.52-2,Book V/	2	15			
	234A1,5-8-16	Washer /see Fig.55,Book V/	2	2			
	1406C8	Nut /see Fig.53,Book V/	2	5			
	2x25 stand.						
	397-41	Cotter pin /see Fig.110,Book V/	2				
27	IA144-10-8-6	Bush /see Fig.56,Book V/	2	1			
	4113-6	Shackle bolt 24x24x60	2	45			30XICA
	1419C8	Nut /see Fig.53,Book V/	2	5			
28	4113-10-1;-2/assy/	Lock body with bearings	2	7125			
1	Is being installed on the aircrafts with Nos.starting from 2401701,26602301,52003701.						
2	Is being installed on the aircrafts with Nos.starting from 6450101,0116601,30500101 up to 2401701,26602205,52003220.						

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73.

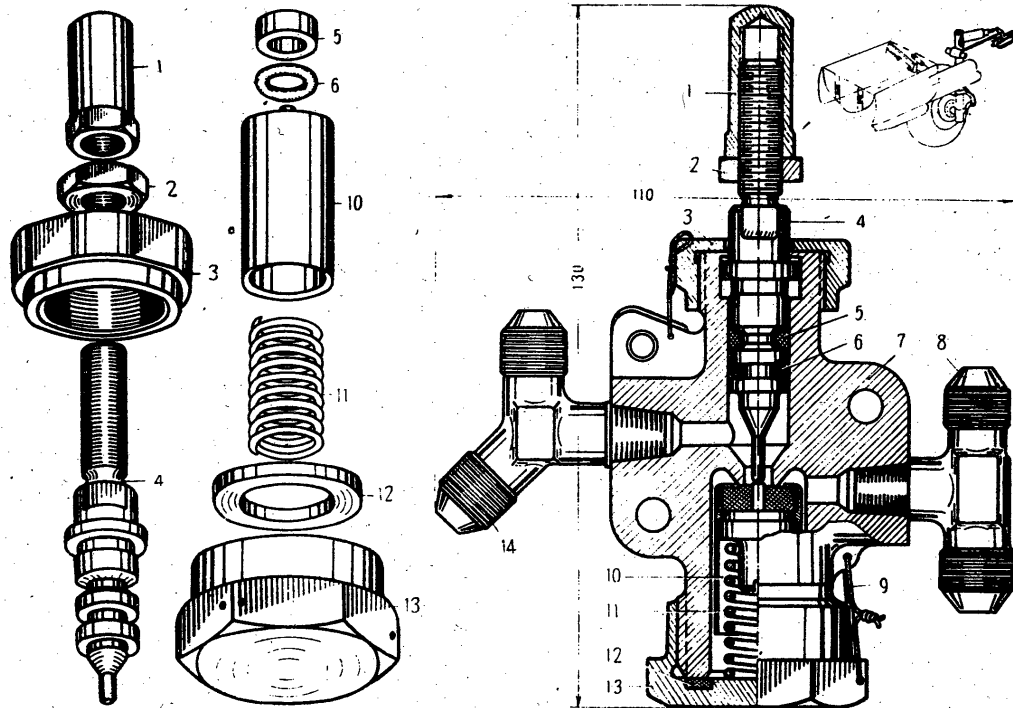
88	29	4113-14	Bush 34,5x47x47x25	4	115	brA.M. 50X1
	30	4113-13	Bush 136x155x155x45	2	1350	3-1,5
	31	4113-16	Scrow 8x2x10	2	3	brA.M. MulC- 3-1,5 Steel 45
89		4114-0/assy/	<u>Blocking valve type II</u>	2	301	
	1	ILW830	Cap /see Fig.109,Book V/	2	16	
	2	ICS	Safety nut /see Fig.53,Book V/	2	5	
	3	4114-3	Union nut 33x29x13	2	35	Steel 45
	4	4114-2	Valve rod 15x15x75	2	35	30XTCA
	5	4114-6	Felt sealing ring 11x11x4	2	2	Aviation sealing felt stand. 288-41
	6	5574-2	Ring 6.1x11x11x2,5	2	2	Rubber B-14
	7	4114-1	Casing 56x80x27	2	75	AK6 hot stamp.
	8	4114-4	Three-way union 45x29x14	2	35	Steel 45 hot stamp.
	9	4114-0-2	Locking wire	4	1	KO Ø 1
	10	PI 526	Valve /see Fig.109,Book V/	2	27	
	11	129101,6-15-33	Spring /see Fig.61,Book V/	2	12	
	12	PI 623	Washer /see Fig.55,Book V/	2	1,5	
	13	PI 621	Nut /see Fig.53,Book V/	2	28	
	14	4114-5	Three-way union 42x45x14	2	40	Steel 45 hot stamp.

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74.



89. Blocking valve type II.

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90	4112-0-7 /assy/	<u>Switching cylinder</u>	2	972	50X1
1	4112-3	Shacklebolt 24x22x82	2	67	Steel 45
2	1016	Nut /see Fig.53,Book V/	2	9	
3	4112-1	Rod 38x38x129	2	205	Steel 45
4	4112-4	Ring 33x33x1.5	2	2	OBC
5	234A0,8-22-32	Washer /see Fig.55,Book V/	2	3	
6	4112-5	Ring 20x30x30x5	2	1	Aviation sealing felt stand. 288-41
7	111014b-28-20	Ring /see Fig.63,Book V/	2	2	
8	4C stand. 556-41	Elbow /see Fig.57-1,Book V/ Cover 60x70x54	2	16	
9	4112-2	Ring 42,3x53x52x5	2	114	AK6
10	4112-6		2	13	Rubber B-14
11	1805C4-5	Screw /see Fig.52-1,Book V/	6	2	
12	111014A38-30	Ring /see Fig.63,Book V/	4	3	
13	4112-10	Cylinder 38x49x60x133 /welded/	2	412	

1
Is being installed on the aircrafts with Nos. strating from
2401701,26602301,52003701.

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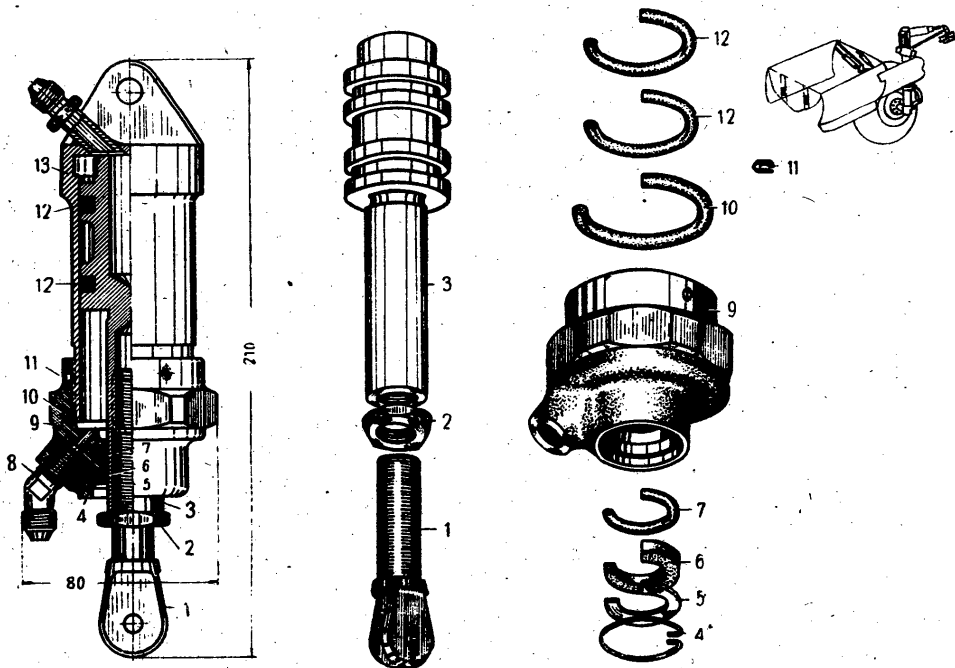


Fig. 90. Switching cylinder being installed on the aircrafts with Nos. starting from 2401701, 26602301, 52003701.

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91	III-3680 ¹	<u>Switching cylinder</u>	2	952	50X1
1	4112-3	Shackle bolt 24x22x82	2	67	Steel 45
2	1C16	Safety nut /see Fig.53,Book V/	2	9	
3	4112-2	Cover 50x50x36	2	55	A1
4	4112-4	Locking ring 33x33x1,5	2	2	OBC
5	234A0,8-20-32	Washer /see Fig.55,Book V/	2	3	
6	4112-5	Gland 20x30x30x5	2	1	Aviation sealing felt stan. 288-41
7	4112-10	Cylinder 38x49x60x137 /welded/	2	420	
8	III-3681 ¹	Rod 37x37x129	2	205	Steel 45
9	II-302-38-22 ¹	Cuff /see Fig.63,Book V/	2	3,5	
10	II-303-38-22 ¹	Spacing ring /see Fig.69,Book V/	2	10	
11	II-1014A-38-30	Seal ring /see Fig.63,Book V/	2	8,5	
12	III-3680-1 ¹	Gland	2	3,5	Graphiti- zed asbes- tos cord
13	III-3939	Seal ring 21x29x29x4	2	7,5	Rubber B-14
14	III-3938	Bushing 22x38x10	2	142	Steel 45
15	III-3682	Nut 34x34x10	2	23	Steel 45
16	2x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	2	1	

¹ Is being installed on the aircrafts with Nos.starting from
6450101,0116601,30500101 up to
2401701,26602205,52003620.

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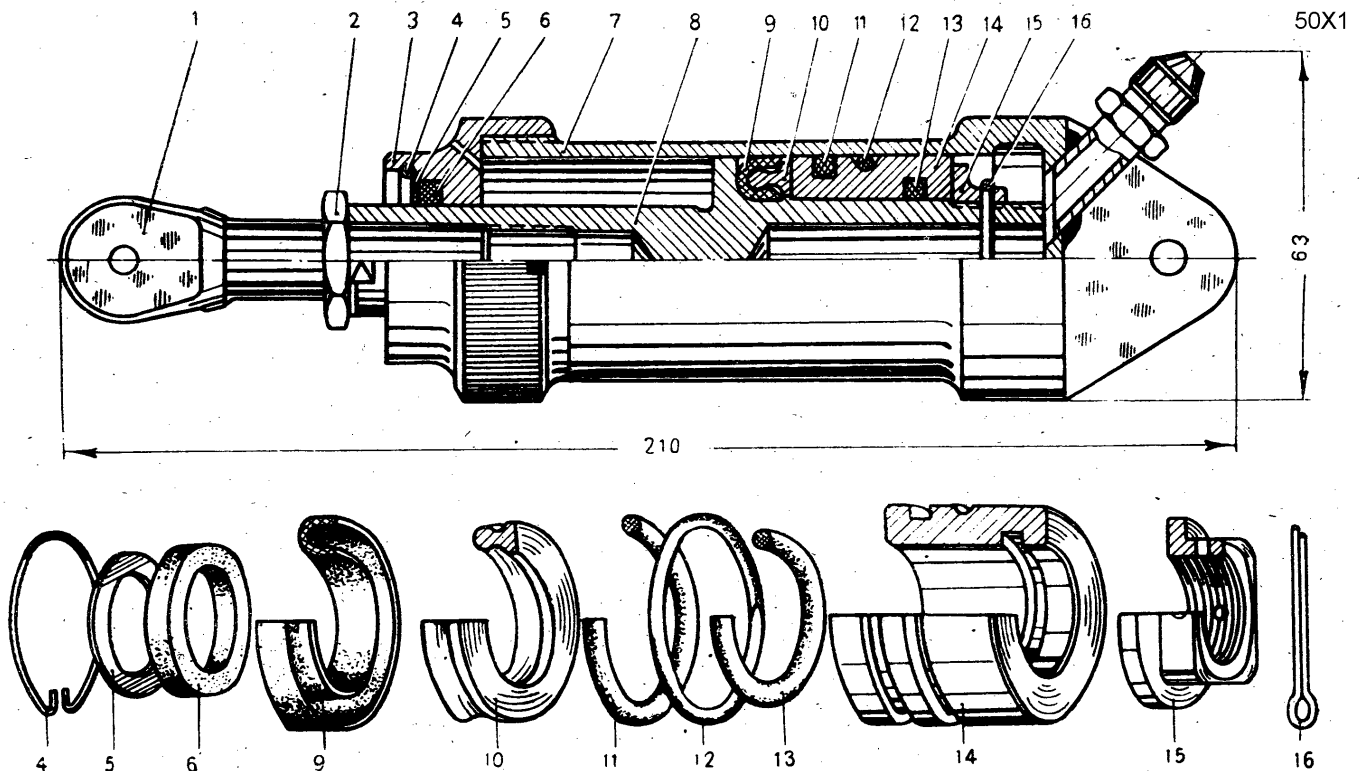


Fig.91. Switching cylinder being installed on the aircrafts with Nos. starting from 6450101,01166001,30500101 up to 2401701,26602205,52003620.

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92	4180-0-1;-2 /assy/	Lifting cylinder /jack/ of the under- carriage main leg.	2	17,717 kg	50X1
1	4180-50-1;-2	Cover with rod 144x140x454	2	2570	
2	8-27045 stand 555-14	Elbow union /see Fig.57-1,Book V/	2	38	
3	4180-19	Gasket 126x133x132	4	7	Rub.B-14
4	6-22045 stand.555-41	Elbow union /see Fig.57-1,Book V/	2	25	
5	4180-21	Screw 8x8x13	2	3	Steel 45
6	4180-16	Nut 105x105x26	2	250	30XICA
7	4180-28	Spacing liner 110x126x126x7	4	149	30XICA
8	II 10146-126-110	Cuff /see Fig.63,Book V/	4	15	
9	II 10146-126-110	Spacing ring /see Fig.69,Book V/	4	37	
10	4180-28	Bushing 110x126x126x24	2	410	30XICA
11	4180-27	Seal ring 109,6x127x116x3	4	6	Rubber B-14
12	4180-29	Seal ring 114x125x125x5,5	2	8	Rubber B-14
13	4180-15 ¹	Diaphragm 102x102x36	2	745	30XICA
	4180-15 ²	Diaphragm 102x102x36	2	745	30XICA
14	II 10146-30-22-4	Seal ring /see Fig.63,Book V/	4	4	
15	4180-12	Gasket 93,7x102x102x4	2	2	Rubber B-14
16	4180-45	Nut 120x120x04	2	185	30XICA
17	2,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2	1	
18	4180-9	Cylinder 126x142x137x495	2	5290	30XIA
19	4180-30	Large piston 121x121x495 /welded/	2	3790	

¹ Is being installed on the aircrafts with Nos.starting from 2401501,26602601,520036020.

² Is being installed on the aircrafts with Nos.starting from 6450101,0116601,30500101 up to 2401501,52003701,26602505.

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92	20	4180-0-3	Locking wire	2	2	50X1 KO 1
	21	41302-88-72	Cuff /see Fig.63,Book V/	4	10	
	22	41303-88-72	Spacing ring /see Fig.69,Book V/	4	26	
	23	4180-24	Bushing 72x88x88x16	2	70	Steel 35
	24	4180-22	Seal ring 71,6x81x80x4,5	2	7	Rubber B-14
	25	4180-3	Seal ring 81,5x88x88x3	2	4	Rubber B-14
	26	4180-25	Spacing liner 72,5x88x88x3	2	17	ALIT
	27	4180-46	Nut 107x100x25	2	35	ALIT
	28	4180-4	Plug 21x17x24	2	23	30XICA
	29	4180-2	Safety nut 44x41x7	2	30	Steel 45
	30	4180-1	Shackle bolt 54x45x134	2	355	30XICA "Cenekt"
	31	4180-40	Cover 140x154x105 /welded/	2	1235	
	32	4180-6	Spring 40x40x53	2	12	OBC
	33	4180-5	Nut 44x41x45	2	74	30XICA
	34	4180-14	Seal ring 57,1x66x66x5	4	8	Rubber B-14
	35	4180-7 ₅	Valve 45x45x6	2	33	30XICA
	36	4180-8 ₉	Piston head 67x67x37	2	235	30XICA
		4180-8 ₉	Piston 67x67x37	2	235	30XICA
	37	133304-36 ³	Bolt /see Fig.52-1,Book V/	2	-2	
		4180-23 ³	Saucer washer 8x8x1,5	4		Steel 25
		1400C4 ⁴	Nut /see Fig.53,Book V/	2	1	
		133303-36 ⁴	Bolt /see Fig.52-1,Book V/	2	1,5	
	3	Is being installed on the aircrafts with Nos.starting from 6450201,0616601,530512001.				
	4	Is being installed on the aircrafts with Nos.starting from 6450101,0116601,30500101 up to 6450201,0516605,530511920.				
	5	Is being installed on the aircrafts with Nos.starting from 2401501,26602601,52003701.				
	6	Is being installed on the aircrafts with Nos.starting from 6450101,0116601,30500101 up to 2401501,26602505,52003620.				

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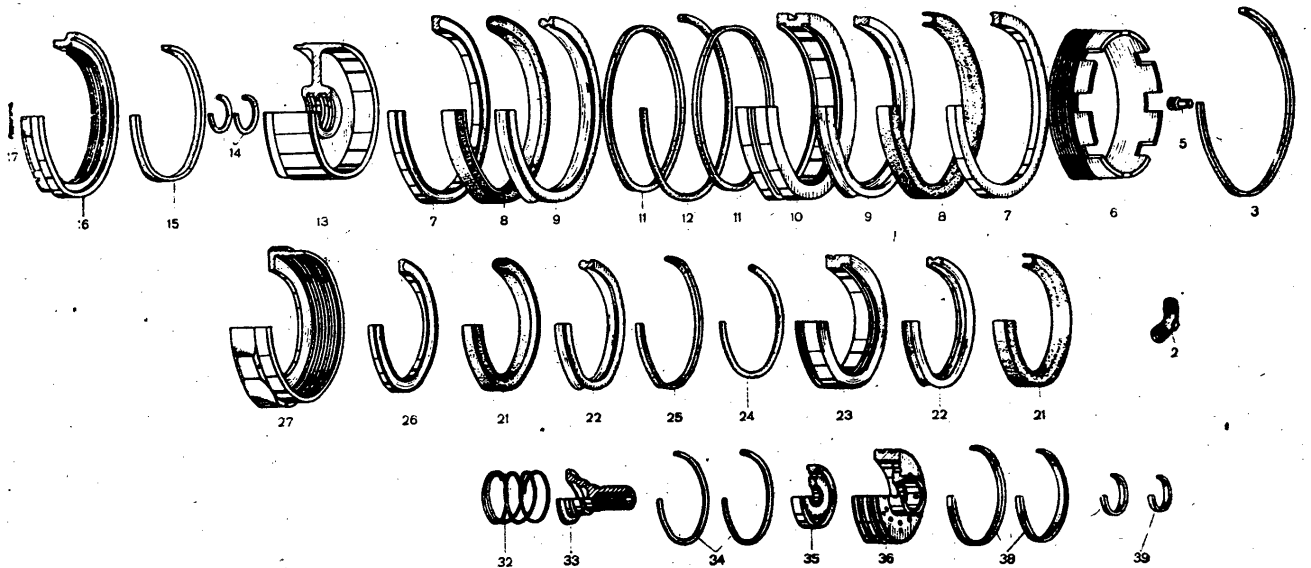
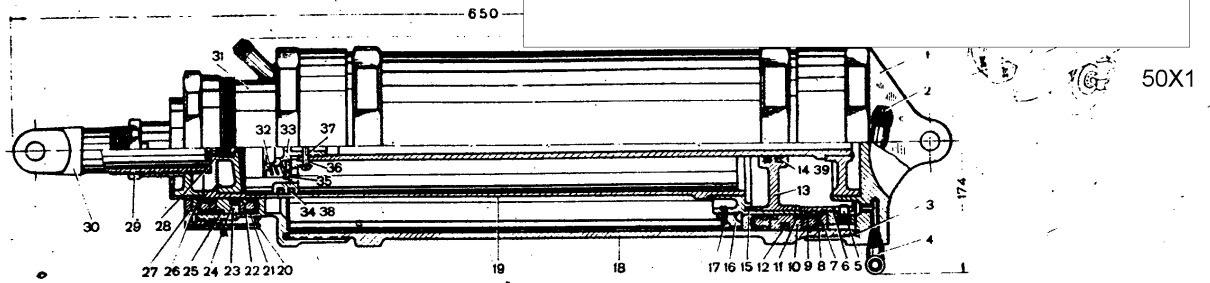


Fig.92. Lifting cylinder of the undercarriage main leg.

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92		4180-23 ⁴	Saucer washer 8x8x1,5	4		50X1
		1400C3 ⁴	Nut /see Fig.53,Book V/	2		Steel 25
	38	4180-14 ⁶	Outer ring 62x66,7x66x7x5	4	4	
		4180-13 ⁶	Inner ring 56,6x63x5	4	4	Rubber
	39	4180-18 ⁶	Outer ring 26,7x32x32x4	4	3	P3834
		4180-17 ⁶	Inner ring 21,7x27x27x4	4	2	Rubber P3834 Rubber B-14
93		4801-0-1;-2 /assy/	Stoppers installation on the front locks of the main leg doors.	2	1300	
	1	4801-13	Screw 10x10x30	4	8	Steel 45
		1400C5	Safety nut /see Fig.53,Book V/	4		
	2	1504C8-26	Bolt /see Fig.52-2,Book V/	4	16	
		1400C8	Nut /see Fig.53,Book V/	4	5	
		234A1,5-8-16	Washer /see Fig.55,Book V/	4	1,5	
	3	4801-3-2	Stopper 120x75x33	2	323	30XICA hot stamp.
	4	1824C8-28	Bolt /see Fig.52-1,Book V/	4	10	
		1400C8	Nut /see Fig.53,Book V/	4	5	
		234A1,5-8-16	Washer /see Fig.55,Book V/	4	1,5	
	4	Is being installed on the aircrafts with Nos.starting from 6450101,0116601,3050101 up to 6450201,0516605,530511920.				
	6	Is being installed on the aircrafts with Nos.starting from 6450101,0116601,30500101 up to 2401501,26602505,52003620.				

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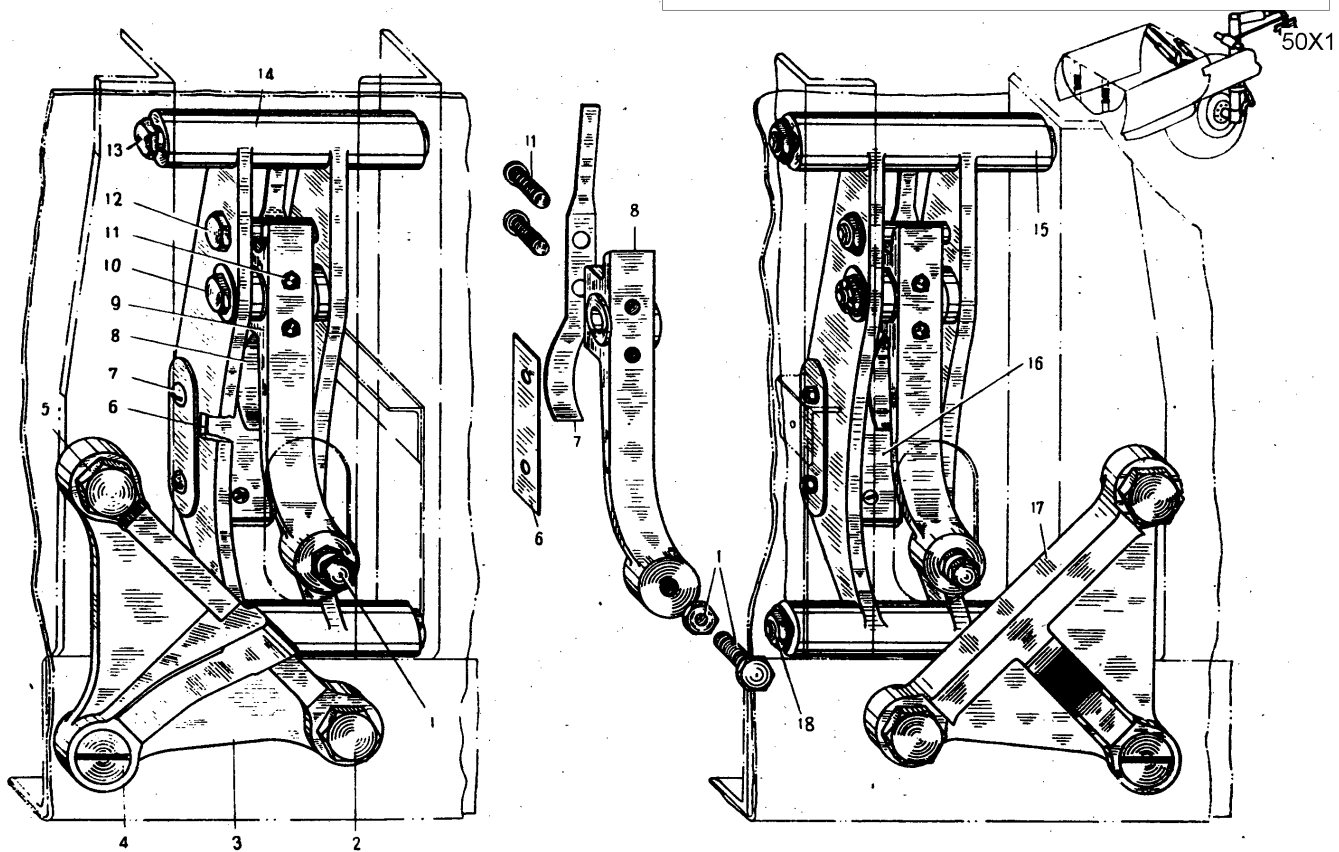


Fig.93. Stoppers installation on the front locks of the main leg doors.

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93	5	1304C8-24	Bolt /see Fig.52-2,Book V/	4	16	50X1
		1400C8	Nut /see Fig.53,Book V/	4	5	
		234A1-5-8-16	Washer /see Fig.55,Book V/	4	1.5	
	6	4801-2	Plate 45x20	4	1	IIT3
	7	1307C4-44	Bolt /see Fig.52-2,Book V/	8	4	
		1400C4	Nut /see Fig.53,Book V/	8	1	
		234A0-8-4-8	Washer /see Fig.55,Book V/	8		
		15A1	Spring washer /see Fig.55,Book V/	8		
	8	4801-12	Spring 10x99	4		Y9A
	9	4801-11	Rocker 37x105x18	4	40	A.19
	10	1888C6-44-38,5	Bolt /see Fig.52-2,Book V/	4	12	
		1406C6	Nut /see Fig.53,Book V/	4	3	
		234A1-6-14	Washer /see Fig.55,Book V/	4	1	
		1.5x20 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	4		
		W144-6-8-16	Bush /see Fig.56,Book V/	4	3	
	11	1315C5-18	Screw /see Fig.52-1,Book V/	8	3	
	12	1888C5-38	Bolt /see Fig.52-2,Book V/	4	6	
		1400C5	Nut /see Fig.53,Book V/	4	1.5	
		234A1-5-10	Washer /see Fig.55,Book V/	4		
		II 144-5-7-22	Bush /see Fig.56,Book V/	4	3.5	
	13	1304C6-88	Bolt /see Fig.52-2,Book V/	4	20	
		1400C6	Nut /see Fig.53,Book V/	4	3	
		234A1-6-14	Washer /see Fig.55,Book V/	4	1	
	14	4801-4-2	Support bracket 152x72x51	2	161	M85T4
						/casting/
	15	4801-4-1	Support bracket 152x72x51	2	161	M85T4
						/casting/
	16	BK-2-142	Microswitch	4	27	Finished
						product
	17	4801-5-1	Stopper 120x75x33	2	328	30X1CA
						hot stamp
	18	1304C6-90	Bolt /see Fig.52-2,Book V/	4	20	
		1400C6	Nut /see Fig.53,Book V/	4	3	
		234A1-6-14	Washer /see Fig.55,Book V/	4	1	

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94	4802-0-1;-2/assy/	Control mechanism of the door locks of the undercarriage main legs.	2	3325	50X1
1	130408-26	Bolt /see Fig.52-2,Book V/	8	17	
	1400C8	Nut /see Fig.53,Book V/	8	5	
	234A1,5-8-16	Washer /see Fig.55,Book V/	8	2	
2	4802-7-1	Special bolt 15x15x22,5	4	14	Steel 45
	1400C8	Nut /see Fig.53,Book V/	4	5	
	234A1,5-8-16	Washer /see Fig.55,Book V/	4	2	
3	4802-7-1	Special bolt 15x15x25	2	15	Steel 45
	1400C8	Nut /see Fig.53,Book V/	2	5	
	234A1,5-8-16	Washer /see Fig.55,Book V/	2	2	
4	LN673-8-32	Bolt /see Fig.52-2,Book V/	4	75	
	1400C8	Nut /see Fig.53,Book V/	4	5	
	234A1,5-8-16	Washer /see Fig.55,Book V/	4	2	
5	4802-4	Fork 22x22x155	4	175	30XICA
6	4802-40-1;-2 /assy/	Support bracket	2	320	
	4802-40-3;-4	Support bracket 98x107x95	2	260	Mn5T4 /casting/ Steel 45
	4802-31	Bush 13,8x22x22x68	2	60	
7	1290C3-22-133	Spring /see Fig.61,Book V/	2	105	
8	4802-1	Eye bolt 14x14x30	2	10	Steel 45
	1400C6	Nut /see Fig.53,Book V/	2	3	
	234A1-6-14	Washer /see Fig.55,Book V/	2	1,5	
9	4281-30-3 /assy/	Pull rod with eye bolt	2	148	
	4281-40-3	Pull rod 20x12x413 /welded/	2	120	
	4281-31	Eye bolt 18x8x67	2	24	30XICA
	1C8	Safety nut /see Fig.53,Book V/	2	4	
10	4802-2	Cardan joint 18x18x48	4	38	30XICA hot stamp.
11	LN673-8-30	Bolt /see Fig.52-2,Book V/	4	74	
	1400C8	Nut /see Fig.53,Book V/	4	5	
	234A1,5-8-16	Washer /see Fig.55,Book V/	4	2	
12	4802-3-1;-2	Stopper 113x101x33	2	458	30XICA hot stamp.

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94	13	4802-7-3 1400C8	Special bolt 15x15x24 Nut /see Fig.53,Book V/	2 2	15 5	Steel 50X1 45
	14	234A1-5-8-16 1888C6-22-18,5	Washer /see Fig.55,Book V/ Bolt /see Fig.52-2,Book V/	2 4	2 15	
		15	1425C6 234A2-6-14 M144-6-8-6 1.5x20 stand. 397-41	Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Bush /see Fig.56,Book V/ Cotter pin /see Fig.110,Book V/ Rocker 82x30x37	4 4 4 4	
	16		4802-20-1;-2 /assy/ 1367C8-10-59 980077	Spacing bush /see Fig.56,Book V/ Ball bearing /finished product/	2 4	
		17	16	PL1363-7-6-93- 98,5		
	18		1425C6 234A1-7-4 1.5x20 stand. 397-41	Bolt /see Fig.52-1,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Cotter pin /see Fig.110,Book V/	2 2 2 2	
		19	1304C5-30 1400C5 234A1-5-12	Bolt /see Fig.52-2,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Clamp 22x23x18	2 2 2 2	
	20		4802-5 1888C6-22-18,5 1425C6 234A1-6-14 1.5x20 stand. 397-41	Bolt /see Fig.52-2,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Cotter pin /see Fig.110,Book V/ Bush /see Fig.56,Book V/	2 10 10 10 10	
		21	M144-6-8-6 4802-6 4802-10-1;-2 /assy/ 1367C8-10-42 1109C2-20 980077	Link 20x45x3 Rocker 64x37x34 Spacing bush /see Fig.56,Book V/ Washer /see Fig.55,Book V/ Ball bearing /finished product/	10 4 2 2 4 4	

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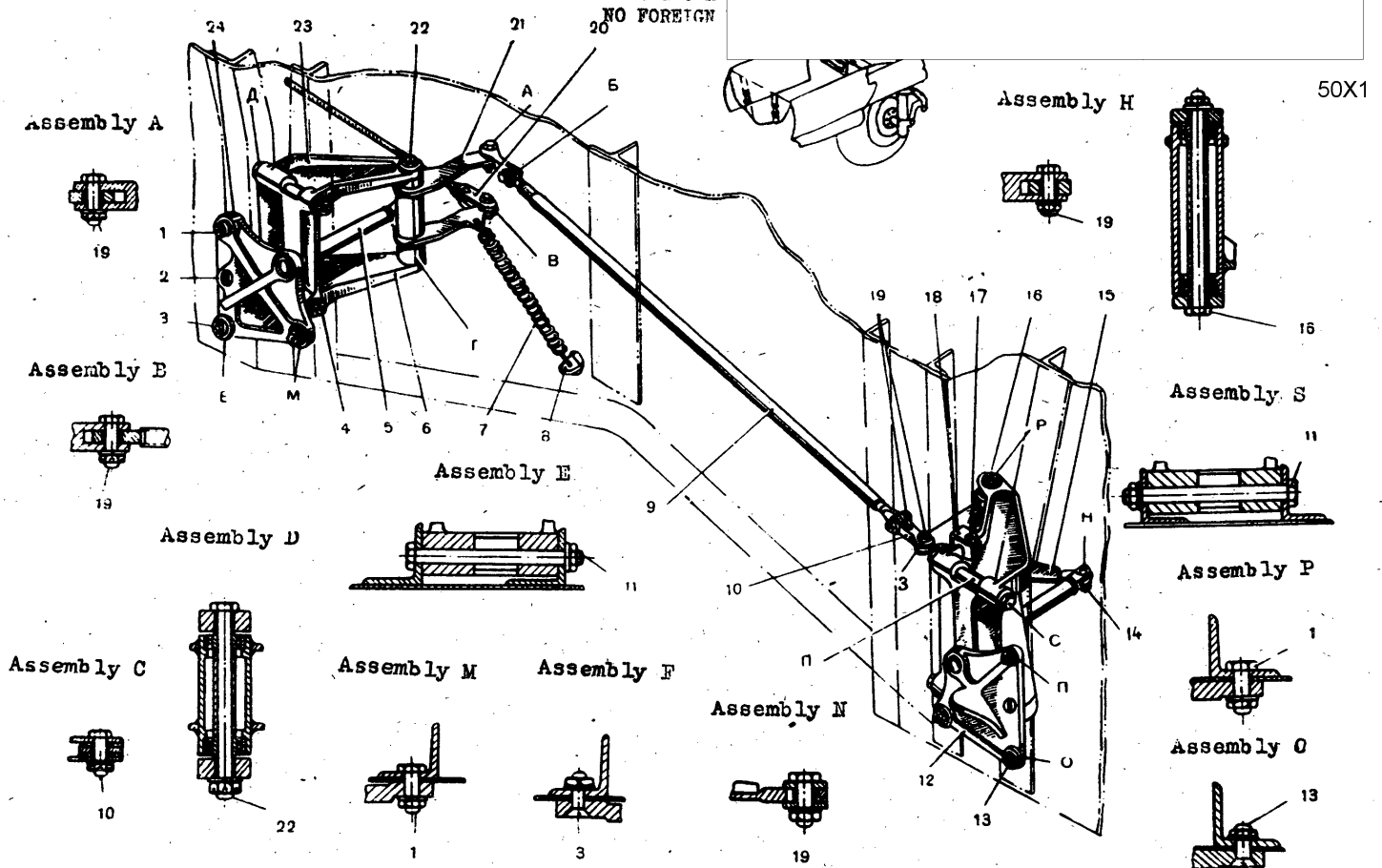


Fig.94. Control mechanism of the door locks of the undercarriage main legs.

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94	22	11A363-7-6-77-82,5	Bolt /see Fig.52-1,Book V/	2	28	
		142506	Nut /see Fig.53,Book V/	2	3	
		234A1-7-14	Washer /see Fig.55,Book V/	2		
		1,5x20 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	2		
	23	4802-30-1;-2	Support bracket	2	435	
		/assy/	Support bracket 112x107x98	2	365	Mn5T4
		4802-30-3;-4	Bush 13,8x22x22x68	2	70	Steel 45
		4802-31	Stopper 96x113x33	2	427	30XICA
	24	4802-3-3;-4				
95		4810-0-1-2 /assy/	Control mechanism of the main leg doors.	2	9350	
	1	4810-10 /assy/	Pull rod 44x30x584	2	910	
	2	4813-0-1;-2 /assy/	Blocking valve of the cylinder controlling the rear door /see Fig.96/	2	675	
	3	4810-0-1	Locking wire	2	1	KO O,8 stand 792-41
	4	4810-1,1;-2 /assy/	Seal /finished product/	2		
	5	4810-30 /assy/	Rocker 21x85x20	2	500	
	6	4810-2	Pull rod 44x30x720	2	933	
	7	234A2,5-12-20	Nut 40x40x12	4	30	Steel 45
	8	2,5x35 stand.	Washer /see Fig.55,Book V/	4	4	
		397-41				
	9	11A301-15	Cotter pin /see Fig.110,Book V/	4		
	10	142506	Cover /see Fig.68,Book V/	3	1	
	11	234A1-6-12	Nut /see Fig.53,Book V/	8	3	
	12	1,5x20 stand.	Washer /see Fig.55,Book V/	2		
		397-41	Cotter pin /see Fig.110,Book V/	3		

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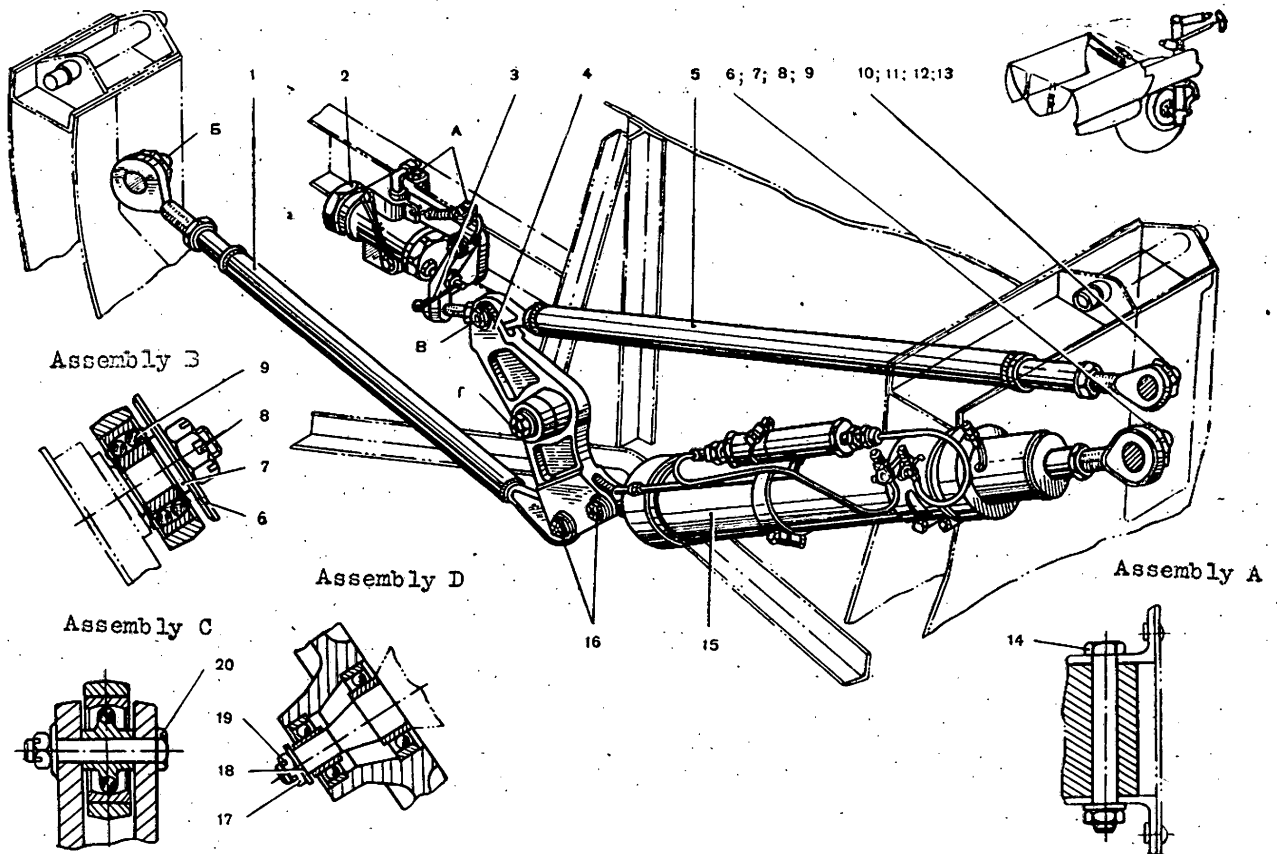


Fig.95. Control mechanism of the main leg doors.

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95	13	11M301-8	Cover /see Fig.68,Book V/	4			
	14	1304C6-54	Bolt /see Fig.52-2,Book V/	4	14,5		
		234A1-6-14	Washer /see Fig.55,Book V/	4	1		
		1400C6	Nut /see Fig.53,Book V/	4	3		
	15	4814-0-1-2 /assy/	Actuating cylinder of the undercarriage doors with a change-over switch /see Fig.97,Book V/	2	5400		
	16	11M151-8-6-28-33,5	Bolt /see Fig.52-1,Book V/	4	7		
		234A1-6-14	Washer /see Fig.55,Book V/	4	1		
		1425C6	Nut /see Fig.53,Book V/	4	3		
		1,5x20 stand.					
		397-41	Cotter pin /see Fig.110/	4			
		17	1425C10	Nut /see Fig.53,Book V/	2	10	
		18	234A2-10-20	Washer /see Fig.55,Book V/	2	4	
		19	2,5x30 stand.				
			397-41	Cotter pin /see Fig.110,Book V/	2	1	
		20	11M151-7-6-26-31,5	Bolt /see Fig.52-1,Book V/	2	6,5	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1		
		1425C6	Nut /see Fig.53,Book V/	2	3		
		1,5x20 stand.					
		397-41	Cotter pin /see Fig.110,Book V/	2			
	96	4813-0-1;-2 /assy/	Blocking valve of the cylinder controlling the rear door.	2	675		
1		5503-0-1;-2 /assy/	Blocking valve type I /see Fig.142/	2	330		
2		4813-1-1;-2	Support bracket 101x30x34	2	145	MM5T4 /casting/	
3		1290C1-10-28	Spring /see Fig.61,Book V/	2	2,5		
4		4813-2	Lever 36x108x18	2	60		
5		4813-6	Pin 20x17x49	2	34	Steel 45	
6		3Ix22 stand.					
	5123-46	Stud bolt /see Fig.110,Book V/	2	2,5			

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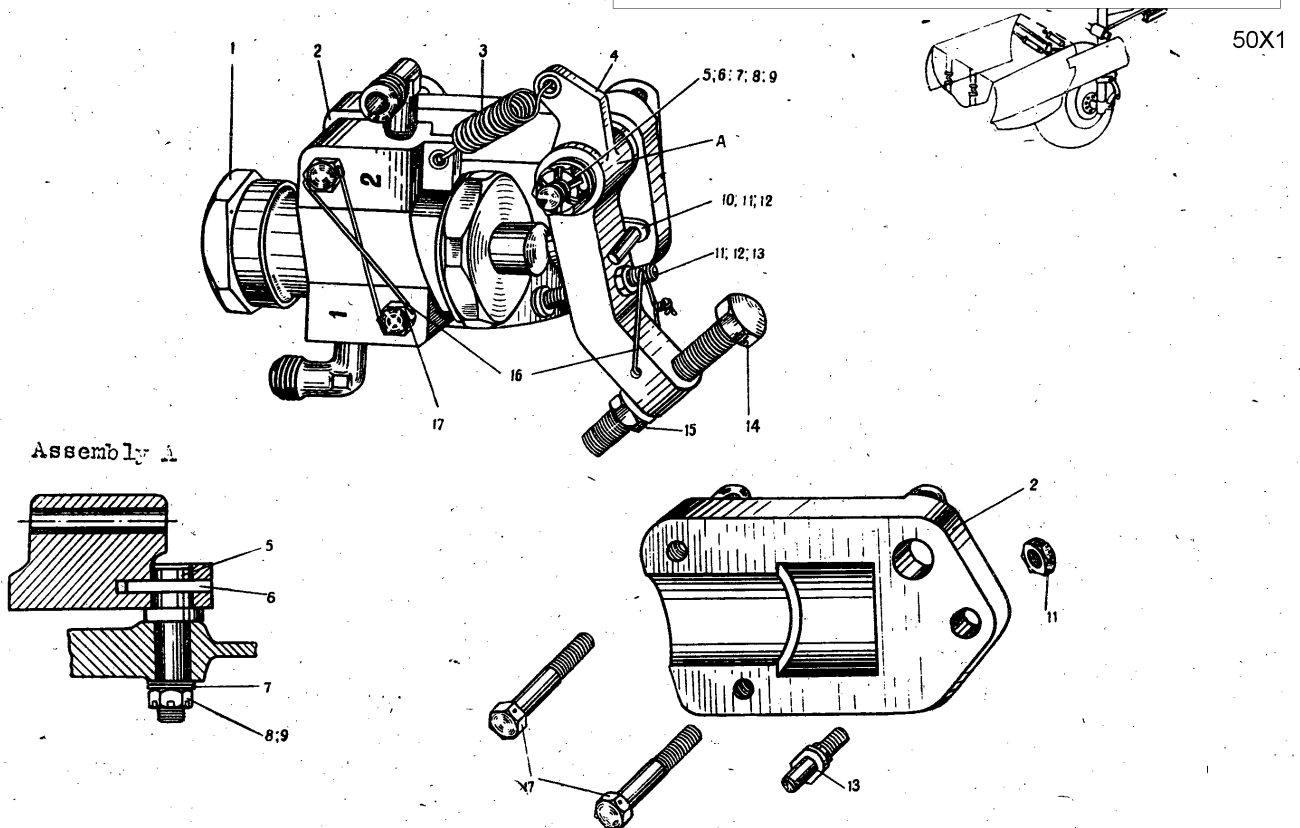


Fig.96. Blocking valve of the cylinder controlling the rear door.

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96	7	234A1-5-B-16	Washer /see Fig.55,Book V/	4	1,5	50X1	
	8	1400C8	Nut /see Fig.53,Book V/	2	4		
	9	2x25 stand. 397-41	Cotter pin /see Fig.110,Book V/	2			
	10	4813-7	Pin 14x11x40	2	20		
	11	1400C8	Nut /see Fig.53,Book V/	4	3		Steel 45
	12	234A1-6-14	Washer /see Fig.55,Book V/	4	1		
	13	4813-5	Bolt 13x11x36	2	9		30XICA
	14	4813-4	Bolt 20x17x61	2	28		Steel 45
	15	1400C8	Nut /see Fig.53,Book V/	2	5		
	16	4813-0-1	Locking wire	4			KO Ø 0,8 stand. 792-41
	17	4813-0-5	Seal /finished product/	2			
		1301C6-36	Bolt /see Fig.52-2,Book V/	4	10		
	97	4814-0-1-2	Actuating cylinder of the undercarriage doors with change-over switch.		2		5400
		1	6C45 stand. 569-41	Nut /see Fig.57-2/	2		12
		2	6C stand. 568-41	Nipple /see Fig.57-1/	2		3
			48140-0-B224	Pipe	2		50
3		4814-0-B220-B221	Pipe	2	120	Steel 20A T8x6, l = 380	
4		6C45 stand. 552-41	Screw-in union body /see Fig.57-1/	2	19		
		6C45 stand. 569-41	Nut /see Fig.57-2/	2	12		

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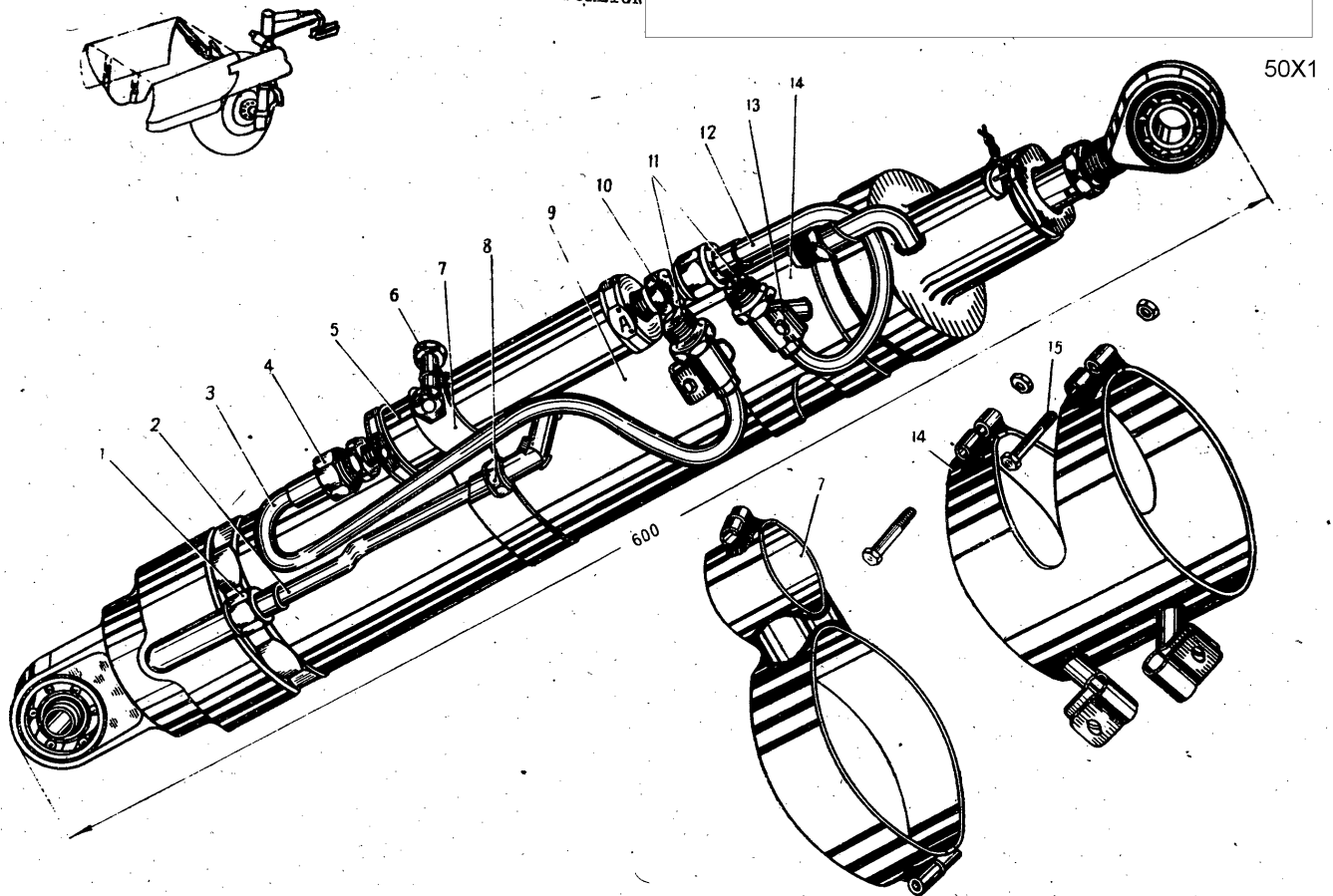


Fig.97. Actuating cylinder of the undercarriage doors with a change-over switch.

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97						50X1
	5	6C stand.568-41 11#520-6	Nipple /see Fig.57-1/ Emergency change-over switch /see Fig.102/	2	3	
	6	1304C5-28 1400C5	Bolt /see Fig.52-2/ Nut /see Fig.53/	2	470	
	7	4814-10-1	Band fastener 76x130x21 /welded/	2	6	
	8	6-22C45 stand. 555-41 6 stand.568-41 6C45 stand. 569-41	Elbow /see Fig.57-1/ Nipple /see Fig.57-1,Book V/ Nut /see Fig.57-2,Book V/	2	1	
	9	4812-0-1;-2 /assy/	Actuating cylinder of the undercarriage main leg doors /see Fig.98/	2	90	
	10	6C45 stand. 552-41 6C45 stand. 569-41	Screw in union body /see Fig.57-1,Book V/ Nut /see Fig.57-2,Book V/	2	25	
	11	6C stand.568-41 4814-1	Nipple /see Fig.57-1,Book V/ Union body 20x17x40x70	2	3	
	12	4814-0-B222;- B223	Pipe	4	19	Steel 45
	13	1304C5-12 1400C5	Bolt /see Fig.52-2,Book V/ Nut /see Fig.53,Book V/	2	12	
	14	4814-20-1;-2	Band fastener 120x76x75 /welded/	2	32	Steel 20A T3x6, l= 250
	15	1304C5-38 1400C5	Bolt /see Fig.52-2,Book V/ Nut /see Fig.53,Book V/	2	100	
	98	4812-0 /assy/	Actuating cylinder of the main leg doors.	4	3	
	1	4812-8	Elbow union 26x50x14	2	1,5	
				2	162	
				6	5	
				6	1,5	
				2	4300	
				2	40	Steel 45

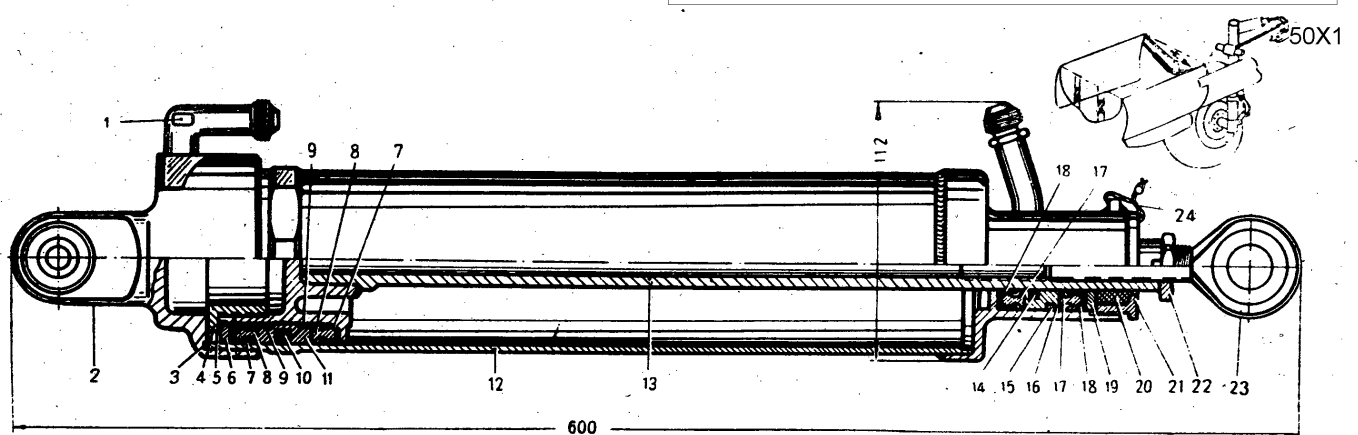
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98						50X1
2	4812-9-1;-2 /assy/	Cover	2	710		
	4812-9-3;-4 981068	Cover body 32x32x106	2	670	30XICA	
3	4812-7	Ball bearing /finished product/ Seal ring 70,2x74x74x1,5	2	40		
			2	2	Rubber	
4	4812-10	Nut 64x64x24	2	130	B-14	
5	4812-11	Locking ring 62x62x10	2	15	Steel 45	
6	4812-14	Bushing 54x70x70x5	2	15	ALT	
7	II 302-70-54	Cuff /see Fig.63,Book V/	4	8,5		
8	II 303-70-54	Spacing ring /see Fig.109,Book V/	4	22		
9	4812-17	Seal ring 53,7x60x60x3	2	2	Rubber	
10	4812-18	Seal ring 60,3x70x70x5	2	5	B-14	
11	4812-13	Liner 54x70x70x24	2	68	Rubber	
12	4812-30-1	Cylinder 69x82x110x400 /welded/	2	1775	B-14	
13	4812-20-1	Piston rod 69x69x432 /welded/	2	1243	ALT	
14	4812-19	Seal ring 20,8x29x29x4	2	2	Rubber	
15	4812-16	Seal ring 31,8x38x38x3	2	1,5	B-14	
16	4812-12	Liner 22x38x38x16	2	25	Rubber	
17	II 303-38-22	Spacing ring /see Fig.69,Book V/	4	10	B-14	
18	II 302-38-22	Cuff /See Fig.63,Book V/	4	4,5	ALT	
19	4812-15	Bushing 22,2x38x38x5	2	3	Rubber	
20	4812-4	Seal gland 35x35x15	2	3,5	B-14	
21	4812-3	Nut 49x49x17	2	70	Aviation	
22	4812-6	Safety nut 24x22x7	2	13	sealing	
23	4812-5 /assy/	Eye bolt	2	240	felt stand.	
	4812-5-1	Eye bolt 48x16x138	2	190	288-41	

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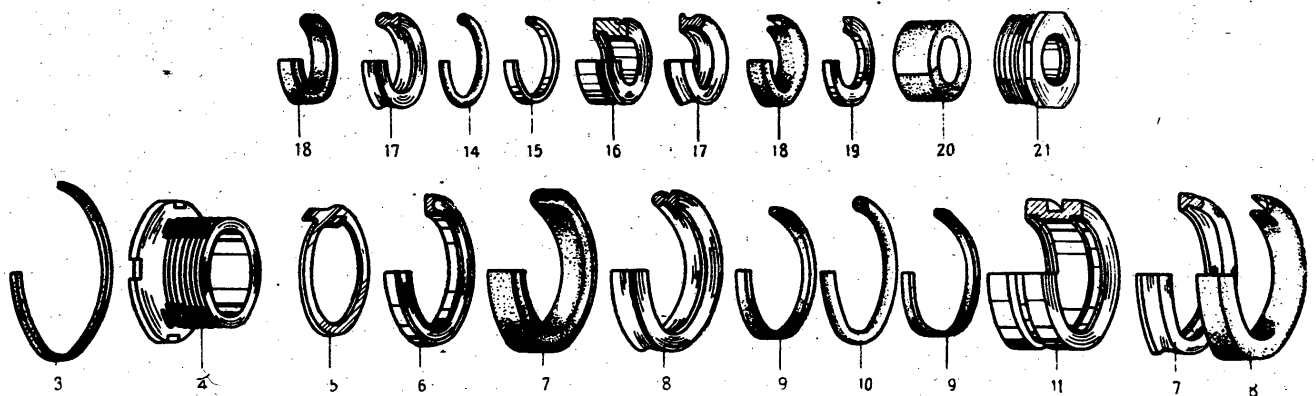


Fig.98. Actuating cylinder of the main leg doors.

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98		1202- OCT BKC 6266	Ball bearing /finished product/	2	50	50X1
	24	4812-0-3	Locking wire	2	1	KO Ø 1
99		4830-0 /assy/	Inner door of the undercarriage main leg.	2	23,895kg	
	1	4830-0-50-51	Outer plate 750x1400	2	2805	Δ 16AT 1,5
	2	4830-0-32;-43	Profile	2	27	Δ 16AT-Πp 100-7, 1 = 160
	3	4830-0-15	Connection plate 115x85	2	30	Δ 16AT
	4	4830-3-1;-2	Rib 48x750x700	2	700	Δ 16AM
	5	4830-0-54;-55	Inner plate 1100x300	2	1275	Δ 16AT 1,5
	6	130705-14	Bolt /see Fig.52-2,Book V/	28	3	
		182105	Anchor nut /see Fig.53,Book V/	28	4	
		164063-10	Rivet /see Fig.54,Book V/	56		
	7	4830-0-26;-27	Cover 220x170	2	185	Δ 16AT
	8	4820-17-1;-2	Profile 278x80x40	2	198	Δ 16AM
	9	4820-7-5;-6	Lever 150x28x26	2	405	30XICA hot stamp.
	10	182408-28	Bolt /see Fig.52-1,Book V/	4	17	
		140008	Nut /see Fig.53,Book V/	4	4	
		234A1,5-8-16	Washer /see Fig.55,Book V/	4	2	
	11	130508-24	Bolt /see Fig.52-2,Book V/	10	15	
		140008	Nut /see Fig.53,Book V/	10	4	
		234A1,5-8-16	Washer /see Fig.55,Book V/	10	2	
	12	4820-39-2;-1	Support bracket 39x120x70	2	415	30XICA
	13	4820-40-1;-2 /assy/	Rear lock with bolt	2	255	
			Rear lock 64x120x52 /welded/	2	239	

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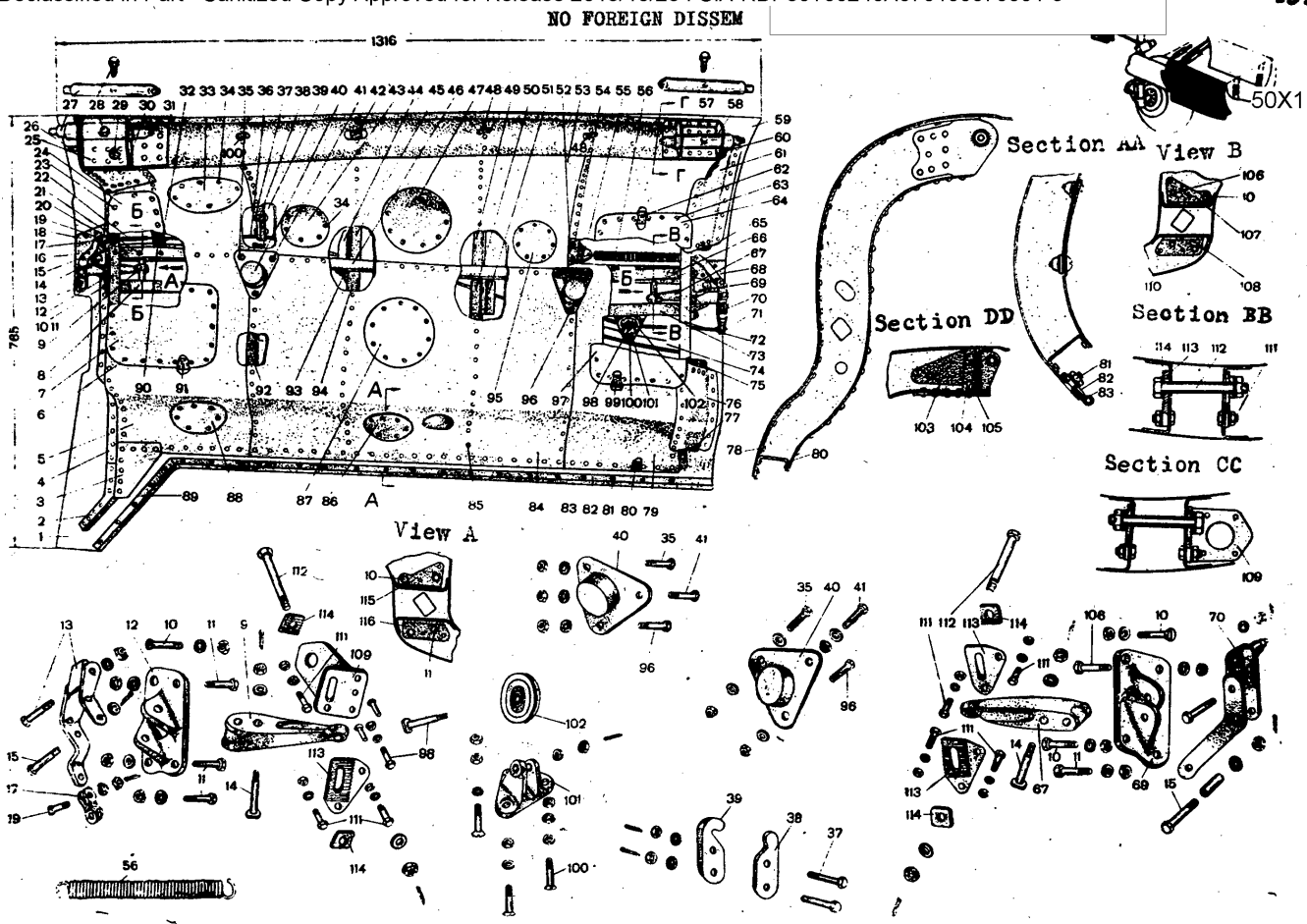


Fig. 99. Inner door of the undercarriage main leg.

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99						50X1
		1875C6-46	Bolt /see Fig.52-2,Book V/	2	13	
		1400C6	Nut /see Fig.53,Book V/	2	3	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
14		MI151-12-10-44-50,				
		5	Bolt /see Fig.52-1,Book V/	4	61	
		1406C10	Nut /see Fig.53,Book V/	4	7	
		234A2-10-20	Washer /see Fig.55,Book V/	4	2	
		2,5x30 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	4		
15		1875C8-50-44	Bolt /see Fig.52-2,Book V/	4	26	
		1406C8	Nut /see Fig.53,Book V/	4	5	
		234A2-8-16	Washer /see Fig.55,Book V/	4	2	
		2x25 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	4		
		MI144-8-10-28	Bush /see Fig.56,Book V/	4	6	
16		1340C6-45-41,5	Axle /see Fig.52-2,Book V/	2	11	
		234A1-6-14	Washer /see Fig.52-2,Book V/	2	1	
		1,5x20 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	2		
17		4820-4	Cardan 16x14x42	2	30	
18		4830-0-56;-57	Tie plate 160x110	2	30	M16AT
19		1875C6-20-17	Bolt /see Fig.52-2,Book V/	2	7	
		1425C6	Nut /see Fig.53,Book V/	2	3	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
		1,5x20 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	2		
		MI144-6-8-6	Bush /see Fig.56,Book V/	2	1	
20		1875C6-18-16	Bolt /see Fig.52-2,Book V/	2	4	
		1418C5	Nut /see Fig.53,Book V/	2	2	
		234A1-5-10	Washer /see Fig.55,Book V/	2	1	
		1x20 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	2		
21		4820-17-3;-4	Profile 279x80x40	2	198	M16AM
22		235C6	Stretcher /see Fig.58-2,Book V/	2	29	

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99						50X1
23	1315C5-14	Screw /see Fig.52-1,Book V/	80	3		
	1821C5	Anchor nut /see Fig.53,Book V/	80	4		
	1640C3-10	Rivet /see Fig.54,Book V/	160			
24	4830-0-12	Cover 170x100	2	43		16AT
25	4820-50-3;-4	Support bracket 250x165x95 /welded/	2	1340		
26	4820-15	Pin 26x22x148	2	223		30XICA
	4820-96	Bush 16x20x20x80	2	144		30XICA
	1419C12	Nut /see Fig.53,Book V/	2	10		
	234A2-12-25	Washer /see Fig.55,Book V/	2	3		
27	4820-23	Stem 25x25x190	4	275		30XICA
28	4820-14	Bolt 20x17x24	4	10		30XICA
29	4820-33-1;-2	Angle 75x87x30	2	150		30XICA
30	4830-0-19	Tie plate 110x150	2	63		16AT
31	4820-25-2;-1	Profile 30x100x1153	2	1010		16AM
32	1307C5-14	Bolt /see Fig.52-2,Book V/	2	3		
	1833C5	Anchor nut /see Fig.53,Book V/	2	3		
	1640C3-10	Rivet /see Fig.54,Book V/	2			
33	4830-0-77	Cover 136x136	2	37		16AT
34	1307C5-12	Bolt /see Fig.52-2,Book V/	24	3		
	1821C5	Anchor nut /see Fig.53,Book V/	24	4		
	1640C3-8	Rivet /see Fig.54,Book V/	48			
35	1304C6-20	Bolt /see Fig.52-2,Book V/	4	7		
	1400C6	Nut /see Fig.53,Book V/	4	3		
	234A1-6-14	Washer /see Fig.55,Book V/	4	1		
36	4830-0-41	Control cable	2	20		7x19-3 stand. 2172-43, 1 =1565
	31 Steel 7x19-3 stand.2172-43	Fixing of the control cable /see Fig.83,Book V/	4	2		
37	1304C5-32-29,5	Bolt /see Fig.52-2,Book V/	4	6		
	1406C5	Nut /see Fig.53,Book V/	4	2		
	234A1-5-10	Washer /see Fig.55,Book V/	4	1		

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99					50X1
	lx20 stand. 397-41	Cotter pin /see Fig.110,Book V/	4		
38	4820-22-1	Guide 24x15x78	2	26	IITK
39	4820-22-2	Guide 24x8x75	2	24	IITK
40	4820-3-2;-1	Stopper 74x92x50	4	100	A09 /casting/
41	130406-20	Bolt /see Fig.52-2,Book V/	4	7	
	1400C8	Nut /see Fig.53,Book V/	4	3	
	234A1-6-14	Washer /see Fig.55,Book V/	4	2	
	233A2-6-22	Washer /see Fig.55,Book V/	4	2	
42	4830-0-109;-110	Angle	2	30	AIT Iip 100-11, 1= 70 ↓
43	4830-0-75	Cover 100x100	2	20	A16AT
44	4830-0-97	Box 35x72x25	2	25	A16AT
45	4820-9-4;-3	Rib	2	107	A16AM
46	4820-35-1;-2	Profile	2	356	A16AM
47	4830-0-74	Cover 140x140	4	44	A16AT
48	4830-0-3	Profile	6	40	AIT Iip 100-11
49	4820-9-2-1	Rib	2	107	A16AM
50	4830-4-3;-4	Rib	2	90	A16AM
51	4830-0-96	Box 40x72x25	2	25	A16AT
52	4830-2-1;-2	Rib	2	700	A16AM
53	4830-0-14;-13	Pan 500x800x60	2	750	A16AT
54	130405-12	Bolt /see Fig.52-2,Book V/	4	3	
	1400C5	Nut /see Fig.53,Book V/	4	2	
	234A1-5-10	Washer /see Fig.55,Book V/	4	1	
55	4820-1	Tie plate 49x54x17	2	15	A16AM
56	1290C2;5-20-183	Spring /see Fig.61,Book V/	2	86	
57	1313C8-14	Screw /see Fig.52-1,Book V/	6	11	
58	4820-60-2;-1	Front bracket 135x125x75 /welded/	2	700	
59	4830-0-8;-9	Outer plate 650x1400	2	2800	A16AT
60	4830-0-87;-88	Tie plate 65x46x31	2	20	A16AT

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99						50X1
61	4830-0-79;-80	Tie plate 80x93x120	2	100	16AT	
62	4830-0-27;-25	Profile	2	43	ALT-IIP	
63	1307C5-14	Bolt /see Fig.52-2,V Book/	38		100-8,	1 = 220
	1821C5	Anchor nut /see Fig.53,Book V/	38			
	1640C3-8	Rivet /see Fig.54,Book V/	76			
64	4830-0-30;-31	Cover 170x220	2	100	Δ 16AT	
65	4830-0-85;-86	Tie plate 65x46x31	2	20	Δ 16AT	
66	4820-6-4;-3	Profile 80x43x254	2	235	Δ 16AM	
67	4820-7-2;-1	Lever 150x28x26	2	405	30XICA	
68	4830-0-58;-59	Plate	2	15	hot stamp.	
69	4820-19-2;-1	Support bracket 120x70x39	2	440	Δ 16AT	
70	4820-30-1;-2	Front lock with bolt	2	397	30XICA	hot stamp.
	1875C6-44	Front lock 60x106x105 /welded/	2	292		
	1400C6	Bolt /see Fig.52-2,Book V/	2	12		
	234A1-6-14	Nut /see Fig.53,Book V/	2	3		
71	1425C6	Washer /see Fig.55,Book V/	2	1		
	234A1-6-14	Nut /see Fig.53,Book V/	2	3		
	1,5x20 stand.	Washer /see Fig.55,Book V/	2	1		
	397-41	Cotter pin /see Fig.110,Book V/	2			
72	4830-1-1;-2	Rib 700x500x48	2	685	Δ 16AM	
73	4820-6-2;-1	Profile 80x25x254	2	300	Δ 16AM	
74	4830-0-4;-5	Angle	2	60	ALT-IIP	
75	4830-0-83;-84	Tie plate 65x46x31	2	20	100-7,	1 = 285
76	4830-0-89;-90	Tie plate 80x93x120	2	100	Δ 16AT	
77	4830-0-91;-92	Tie plate	2	20	Δ 16AT	
78	140306-4-12	Rivet /see Fig.54,Book V/	816		Δ 16AT	
79	4830-0-10-11	Inner plate 300x1000	2	700	Δ 16AT	

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99							50X1
80	4820-5-3;-4	Profile 40x20x1200	2	223	Δ16AM		
81	1337C3-16	Screw /see Fig.52-1,Book V/	84	2			
	II#749-4	Nut /see Fig.53,Book V/	84	2	Δ16AT		
82	4820-74-8	Strip 11x2x1200	2	43			
83	3826II-1233-1421	Profile /see Fig.65/	2	167			
84	4830-0-52;-53	Inner plate 700x600	2	1000	Δ16AT		
85	II-307-4-12	Rivet /see Fig.54/	610				
86	4830-0-75	Cover 96x96	2	20	Δ16AT		
87	4830-0-76	Cover 136x136	2	30	Δ16AT		
88	4830-0-72	Cover 100x100	2	20	Δ16AT		
89	4820-74-7	Strip 13x200	2	7	Δ16AM		
90	4820-11-1;-2	Rin 430x220x25	2	270	Δ16AT IIP		
					100-8,		
					I = 220		
91	4830-0-20;-21	Profile	2	44	Δ16AM		
92	4830-2-3;-4	Rib 630x500x25	2	350	Δ16AT IIP		
					100-19,		
					I = 40		
93	4830-0-7	Angle	6	16	Δ16AM		
94	4830-4-1;-2	Rib 371x320x20	2	190	Δ16AT		
95	4830-0-71	Cover 96x96	2	20			
96	1304C6-22	Bolt /see Fig.52-2,Book V/	4	7			
	1400C6	Nut /see Fig.53,Book V/	4	3			
	234A1-6-14	Washer /see Fig.55,Book V/	4	1			
97	4830-0-28;-29	Cover 22x170	2	100	Δ16AT		
98	II#363-7-6-28-						
	33,5	Bolt /see Fig.52-1,Book V/	2	13			
	1425C6	Nut /see Fig.53,Book V/	2	3			
	234A1-6-14	Washer /see Fig.55,Book V/	2	1			
	1,5x20 stand.						
	397-41	Cotter pin /see Fig.110,Book V/	2		Δ16AT IIP		
					100-8,		
					I = 220		
99	4830-0-22;23	Profile	2	44			

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99						50X1
100.	1824C6-24	Bolt /see Fig.52-1,Book V/	6	8		
	1400C6	Nut /see Fig.53,Book V/	10	3		
	234A1-6-14	Washer /see Fig.55,Book V/	6	1		
101	4820-2-1;-2	Support bracket 56x74x68	2	70	MA5T4	
102	4820-70 /assy/	Roller with bearing	2	51	/casting/	
	4820-71	Roller 55x55x11	2	30	ALT	
	980067	Ball bearing /finished product/	2	21	A16AT	
103	4830-5	Plate 120x90	2	50	ALT 100-11	
					1 = 90	
104	4830-0-47	Profile	2	45		
105	MA307-5-15	Rivet /see Fig.54,Book V/	25			
106	4820-101	Bolt	2	8	30XICA	
107	4820-23-4-3	Insert	2	50	ALT IIP	
					100-16,	
					1 = 70	
108	4820-98-2-1	Insert	2	60	A16T IIP	
					100-16	
					1 = 72	
109	4820-80-1-2	Butt joint 80x60x50 /welded/	2	130		
110	MA306-5-14	Rivet /see Fig.54,Book V/	8			
111	1304C6-14	Bolt /see Fig.52-2,Book V/	13	6		
	1400C6	Nut /see Fig.53,Book V/	13	3		
	234A1-6-14	Washer /see Fig.55,Book V/	13	1		
112	1875C12-76-72,5	Bolt /see Fig.52-2,Book V/	4	82		
	1406C12	Nut /see Fig.53/	4	10		
	234A2-12-25	Washer /see Fig.55/	4	3		
	2,5x35 stand.					
	397-41	Cotter pin /see Fig.110/	4			
113	4820-21-1;-2	Guide 60x42x5	6	63	30XICA	
114	4820-3	Washer 24x24x5	3	15	30XICA	
115	4820-23-2;-1	Insert	2	50		
					ALT IIP	
					100-16,	
					1 = 70	

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105.
50X1-

99	116	4820-38-2;-1	Insert	2	50	A16T IIP 100-16, 1 = 63
100		4820-0 /assy/	Outer door of the undercarriage main leg	2	24,265kg	
	1	4820-0-11;-12	Inner plate 900x600	2	900	A16AT
	2	4850-0-81;-82	Tie plate 46x70x31	2	10	A16AT
	3	4820-0-77;-78	Tie plate 46x70x31	2	80	A16AT
	4	4820-0-5;-4	Angle	2	60	A1T IIP 100-7, 1 = 285
	5	1324C6-24 1400C6 234A1-6-14	Bolt /see Fig.52-1,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Tie plate 46x70x31	6 10 6	5 3 1	
	6	4820-0-83;-84	Tie plate 46x70x31	2	10	A16AT
	7	4820-2-1;-2	Support bracket 52x74x68	2	70	M75T4
	8	IN363-7-6-28-335 1425C6 234A1-6-14	Bolt /see Fig.52-1,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ 1,5x15 stand.	2 2 2 2	11 3 1	
	9	397-41 4820-70 /assy/ 4820-71	Cotter pin /see Fig.110,Book V/ Roller with bearing Roller 55x55x11	2 2 2	51 30	A1T
	10	930067 1425C6 1034A1-6-14	Ball bearing /finished product/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ 1,5x20 stand.	2 2 2 2	21 3 1	
	11	397-41 4820-93-1;-2	Cotter pin /see Fig.110,Book V/ Insert	2 2	65	A16T IIP 100-16, 1 = 72
	12	IN306-5-14	Rivet /see Fig.54,Book V/	8		
	13	IN306-6-14	Rivet /see Fig.54,Book V/	20		

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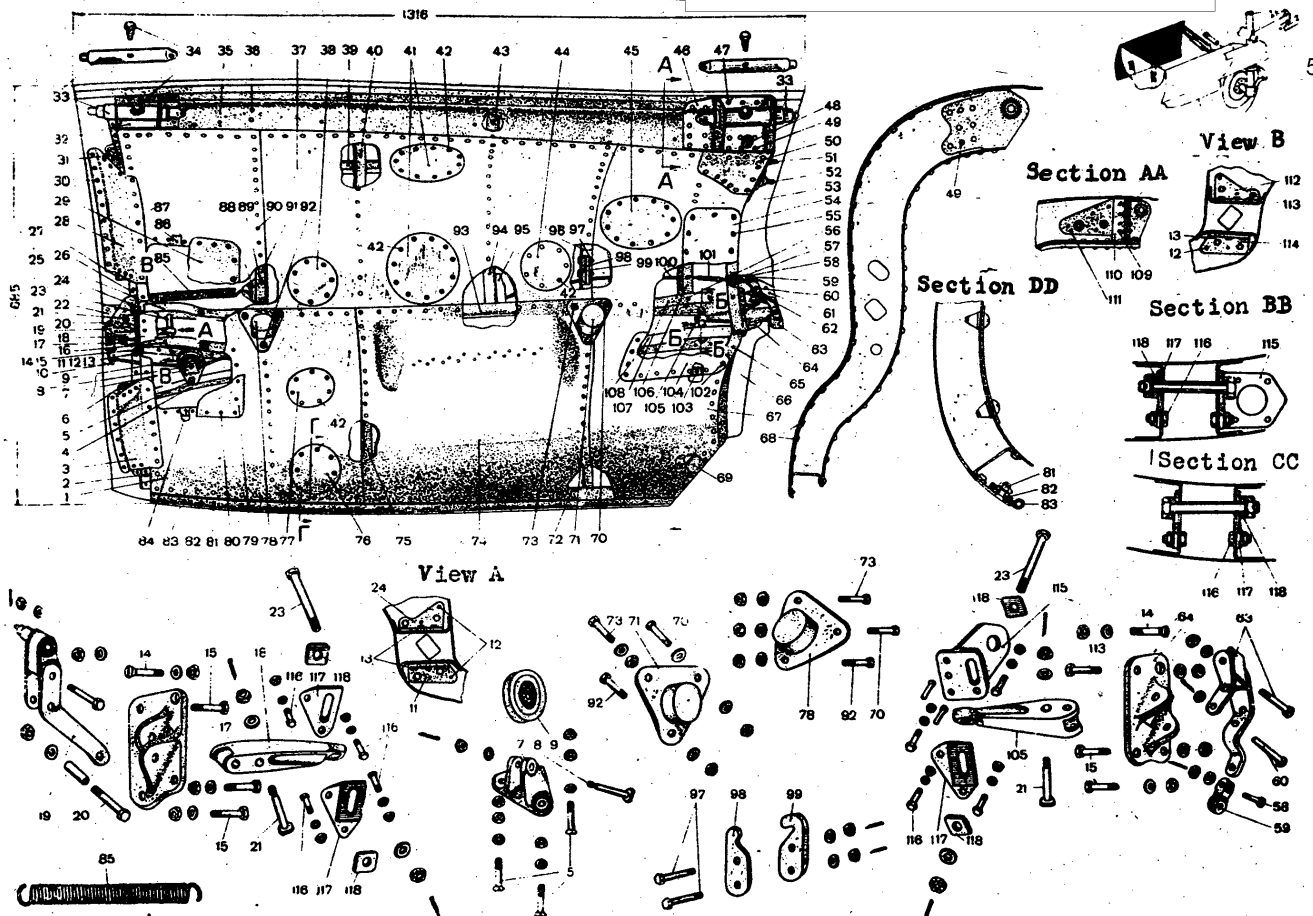


Fig.100. Outer door of the undercarriage main leg.

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100	14	1824C8-28	Bolt /see Fig.52-1,Book V/	4	10	
		1400C8	Nut /see Fig.53,Book V/	4	5	50X1
		234A1,5-8-16	Washer /see Fig.55,Book V/	4	2	
	15	1305C8-24	Bolt /see Fig.52-2,Book V/	10	9	
		1400C8	Nut /see Fig.53,Book V/	10	5	
		234A1,5-8-16	Washer /see Fig.55,Book V/	10	2	
	16	4820-6-1;-2	Profile	2	325	A16AM
	17	4820-19-1;-2	Support bracket 120x70x40	2	325	30XICA
						hot stamp.
	18	4820-7-1;-2	Lever 28x26x150	2	860	30XICA
						hot stamp.
	19	4820-30-1;-2				
		/assy/	Front lock with bolt	2	307	
			Front lock 120x90x60 /welded/	2	292	
		1875C6-44	Bolt /see Fig.52-2,Book V/	2	10	
		1400C8	Nut /see Fig.53,Book V/	2	3	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
	20	1875C8-50-44	Bolt /see Fig.52-2,Book V/	2	19	
		1400C8	Nut /see Fig.53,Book V/	2	5	
		234A2-8-15	Washer /see Fig.55,Book V/	2	2	
		2x25 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	2		
		M144-8-10-28	Bush /see Fig.56,Book V/	2	6	
	21	M 151-12-10-40-				
		50,5	Bolt /see Fig.52-1,Book V/	4	61	
		1406C10	Nut /see Fig.53,Book V/	4	7	
		234A2-10-20	Washer /see Fig.55,Book V/	4	2	
		2,5x30 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	4		
	22	48x20-0-53;-59	Plate	2	15	A16AT
	23	1875C12-76-72,5	Bolt /see Fig.52-2,Book V/	4	82	
		1406C12	Nut /see Fig.53,Book V/	4	10	
		234A2-12-25	Washer /see Fig.55,Book V/	4	2	
		2,5x25 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	4		

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24	4820-28-2;-1	Insert	2	50	50X1
25	4820-6-3;-4	Profile 80x43x254	2	163	100-16, 1 = 70 Δ16AM
26	4820-26-1;-2	Rib 600x500	2	555	
27	4820-0-85;-86	Tie plate 46x70x31	2	10	Δ16AT
28	4820-0-79;-80	Tie plate 93x100x130	2	100	Δ16AT
29	4820-0-21;-22	Cover 170x220	2	150	Δ16AT
30	IL1306-4-12	Rivet /see Fig.54,Book V/	816		
31	4820-0-87;-88	Tie plate 93x100x130	2	10	Δ16AT
32	4820-60-1;-2	Front bracket 135x125x75	2	700	30XICA
33	4820-23	Stem 25x25x190	4	276	30XICA
34	4820-14	Bolt 20x17x24	4	10	30XICA
35	4820-25-1;-2	Profile 100x30x1153	2	1007	Δ16AM
36	IL1307-5-12	Rivet /see Fig.54,Book V/	275		
37	4820-0-13;-14	Pan 500x300x60	2	940	Δ16AM
38	4820-0-71	Cover 96x96	2	20	Δ16AT
39	4820-0-43;-6	Angle	2	225	Δ16T Ttp 100-7, 1 = 1200
40	4820-9-1;-2	Rib 360x280	2	105	Δ16AM
41	4820-0-74	Cover 140x140	4	35	Δ16AT
42	182105	Anchor nut /see Fig.53,Book V/	81	4	
	154003-0	Rivet /see Fig.54,Book V/	162		
	130705-12	Bolt /see Fig.52-2,Book V/	81	3	
43	4820-0-109;-110	Profile	2	30	Δ16T Ttp 100-11, 1 = 700
44	4820-0-75	Cover 100x100	2	20	Δ16AT
45	4820-0-72	Cover 140x140	2	38	Δ16AT
46	4820-0-50-1;-2	Rear bracket 250x95x53	2	1340	30XICA
47	131803-14	Screw /see Fig.52-1,Book V/	6	9	
48	4820-33	Angle 75x30x37	2	165	30XICA
49	IL1307-6-16	Rivet /see Fig.54,Book V/	76		

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100						50X1
50	4820-0-19	Tie plate 110x110	2	47	A16AT	
51	4820-16	Pin 18x18x132	2	105	30XICA	
	4820-67	Bush 16x16x80	2	56	30XICA	
	1419C8	Nut /see Fig.53,Book V/	2	5		
	234A1-5-8-22	Washer /see Fig.55,Book V/	2	223		
52	4820-15	Pin 26x26x148	2	2	30XICA	
	1419C12	Nut /see Fig.53,Book V/	2	10		
	234A2-12-25	Washer /see Fig.55,Book V/	2			
	4820-96	Bush 16x20x20x80	2	140	30XICA	
53	4820-0-8;-9-	Outer plate 650x1400	2	3120	A16AT	
54	4820-0-12	Cover 170x100	2	60	1,5	
55	1821C5	Anchor nut /see Fig.53,Book V/	12	4	A16AT	
	1640C3-10	Rivet /see Fig.54,Book V/	24			
	1307C5-14	Bolt /see Fig.52-2,Book V/	12	3		
56	1833C5	Anchor nut /see Fig.53,Book V/	1	3		
	1640C3-10	Rivet /see Fig.54,Book V/	1			
	1307C5-14	Bolt /see Fig.52-2,Book V/	1	3		
57	1875C5-13-16	Bolt /see Fig.52-2,Book V/	2	4		
	1418C5	Nut /see Fig.53,Book V/	2	2		
	234A1-5-10	Washer /see Fig.55,Book V/	2	1		
	1x20 stand.					
	397-41	Cotter pin /see Fig.110,Book V/	2			
58	1875C6-20-17	Bolt /see Fig.52-2,Book V/	2	7		
	1425C6	Nut /see Fig.53,Book V/	2	3		
	234A1-6-14	Washer /see Fig.55,Book V/	2	1		
	1,5x15 stand.					
	T397-41	Cotter pin /see Fig.110,Book V/	2			
	14144-6-0-6	Bush /see Fig.56,Book V/	2	1		
59	4820-4	Cardan joint 16x14x42	2	30	30XICA	
					hot stamp.	
60	1340C6-45-41,5	Axle /see Fig.52-2,Book V/	2	11		
	234A1-6-14	Washer /see Fig.55,Book V/	2	1		
	1,5x20 stand.					
	397-41	Cotter pin /see Fig.110,Book V/	2			

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100							50X1
61	4820-0-56;-57	Tie plate 160x110	2	30			
62	1875C8-50-44	Bolt /see Fig.52-2,Book V/	2	26			A 16AT
	1406C8	Nut /see Fig.53,Book V/	2	5			
	234A2-8-16	Washer /see Fig.55,Book V/	2	2			
	2x25 stand.						
	397-41	Cotter pin /see Fig.110,Book V/	2				
	111144-8-10-28	Bush /see Fig.56,Book V/	2	6			
63	4820-40-1;-2		2				
	/assy/	Rear lock with bolt	2	225			
	1875C6-46	Rear lock 120x53x64 /welded/	2	239			
	1400C8	Bolt /see Fig.52-2,Book V/	2	13			
	234A1-6-14	Nut /see Fig.53,Book V/	2	3			
64	4820-39-1;-2	Washer /see Fig.55,Book V/	2	1			
65	4820-12-1;-2	Support bracket 110x70x39	2	418			30XICA
66	4820-0-50-51	Rib 415x630x48	2	470			A 16AM
		Outer plate 560x1400	2	3000			A 16AT
67	4820-0-39-40	Inner plate 900x350	2	863			11,5 16AT
68	111306-4-12	Rivet /see Fig.54,Book V/	816				11,5
69	4820-5-5;-6	Profile 20x40x200	2	87			16AM
70	130406-20	Bolt /see Fig.52-2,Book V/	2	7			
	1400C8	Nut /see Fig.53,Book V/	2	3			
	234A1-6-14	Washer /see Fig.55,Book V/	2	1			
	233A2-6-22	Washer /see Fig.55,Book V/	2	1			
71	4820-24-1;-2	Stopper 60x92x84	2	130			A 16
72	4820-5-1;-2	Profile 20x40x1100	2	251			A 16AM
73	130406-20	Bolt /see Fig.52-2,Book V/	4	7			
	1400C8	Nut /see Fig.53,Book V/	4	3			
	233A1-6-14	Washer /see Fig.55,Book V/	4	1			
74	4820-0-15;-16	Pan 500x650x60	2	600			A 16AM
75	4820-13-1;-2	Rib 310x290x20	2	80			A 16AM
76	4820-0-76	Cover 96x96	2	4			A 16AT
77	4820-0-75	Cover 96x96	2	20			A 16AT

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78	4820-3-1;-2	Stopper 50x92x84	2	154	AM9	50X1
79	4820-0-23;-24	Cover 170x220	2	150	A16AT	
80	1315C5-14	Screw /see Fig.52-1,Book V/	40	3		
	1821C5	Nut /see Fig.53,Book V/	40	4		
	1640C3-10	Rivet /see Fig.54,Book V/	80			
81	1337C3-16	Bolt /see Fig.52-1,Book V/	84	1		
	11W749-3	Nut /see Fig.109,Book V/	84	2		
82	4820-74-1	Strip 11x1150	2	30	A16AT	
	4820-74-2	Strip 11x250	2	13	A16AT	
83	3826II 1233-1420	Profile /see Fig.65,Book V/	2	167		
84	4820-0-25;-26	Profile	2	46	ALT IIP	
					100-8,	
					1 = 220	
85	1290C2,5-20-185	Spring /see Fig.61,Book V/	2	85		
86	4820-0-27;-28	Profile	2	46	ALT IIP	
					100-8,	
					1 = 220	
87	11W307-6-15	Rivet /see Fig.54,Book V/	6			
88	4820-1	Tie plate 54x54x49	2	30	A16AM	
89	1304C5-12	Bolt /see Fig.52-2,Book V/	4	3		
	1400C5	Nut /see Fig.53,Book V/	4	2		
	234A1-5-10	Washer /see Fig.55,Book V/	4	1		
90	II 307-4-10	Rivet /see Fig.54,Book V/	556			
91	4820/27-1;-2	Rib 630x550x25	2	340	A16M	
92	1304C6-22	Bolt /see Fig.52-2,Book V/	4	7		
	1400C6	Nut /see Fig.53,Book V/	4	3		
	234A1-6-14	Washer /see Fig.55,Book V/	4	1		
93	4820-35-3;-4	Profile 40x43x602	2	340	A16AM	
94	4820-9-3;-4	Rib 290x390	2	110	A16AM	
95	4820-0-97	Box 35x72x25	2	25	A16AT	
96	4820-27-3;-4	Rib 630x55x25	2	340	A16AM	
97	1304C5-32-29,5	Bolt /see Fig.52-2,Book V/	4	6		
	1406C5	Nut /see Fig.53,Book V/	4	2		
	234A1-5-10	Washer /see Fig.55,Book V/	4	1		

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100						50X1
		1x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	4		
98	4820-22-1		Guide 78x24x15	2	26	IITK
99	4820-22-2		Guide 57x24x8	2	24	IITK
100	4820-0-41		Control cable	2	25	7x19-3 stand. 2172-43 1 = 1563
		31 Steel 7x19-3 stand.2172-43	Fixing of the control cable /see Fig.83,Book V/	4	2	
101	235C6		Stretcher /see Fig.58-2,Book V/	2	30	
102	182106		Anchor nut /see Fig.53,Book V/	76	4	
	1640C3-8		Rivet /see Fig.54,Book V/	152		
	1307C5-14		Bolt /see Fig.52-2,Book V/	76	3	
103	4820-0-29;-30		Profile	2	46	ALT IIP
104	4820-0-31-32		Cover 170x220	2	165	100-8,1-23 16AT
105	4820-7-3;-4		Lever 28x26x150	2	860	30XICA hot stamp.
106	4820-11-3;-4		Rib 250x410x25	2	225	A16AM
107	4820-17-5;-6		Profile 40x80x279	2	173	A16AM
108	4820-17-7;-8		Profile 40x80x279	2	173	A16AM
109	11-307-5-15		Rivet /see 54, Fig. Book V/	25		
110	4820-0-47		Profile	2	45	ALT IIP 100-11 1 = 90
111	4820-34		Plate 140x90	2	45	A16AT
112	4820-28-3;-4		Insert	2	50	A16T IIP 100-16 1 = 70
113	4820-101		Bolt 16x8x27	2	8	30XICA
	1400C8		Nut /see Fig.53,Book V/	2	5	
	234A1,5-8-16		Washer /see Fig.55,Book V/	2	2	
114	4820-29-1;-2		Insert	2	50	A16T IIP 100-16 1 = 77

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100	115	4820-80	Butt joint 50x60x80 /welded/	2	130	50X1
	116	1304C6-14	Bolt /see Fig.52-2,Book V/	16	6	
		1400C6	Nut /see Fig.53,Book V/	16	3	
		234A1-6-14	Washer /see Fig.55,Book V/	16	1	
	117	4820-21-1;-2	Guide 42x70x5	6	41	30XTCA
	118	4820-8	Washer 24x24x5	8	16	30XTCA
101		4842-0-1-2 /assy/	Undercarriage rear door cylinder with change-over switch.	2	4180	
	1	4045 stand.				
		569-41	Nut /see Fig.57-2,Book V/		12	
	2	4045 stand.				
		552-49	Union body /see Fig.57-1,Book V/	2	18	
	3	4842-0-B15	Pipe	2	17	Steel 20A
						T8x6,
						l = 90
		5500-1-1	Label 50x18	2		JC59-1
		4842-0-3	Seal	2		AMrM-T6x
						4, l= 6
	4	1304C5-28	Bolt /see Fig.52-1,Book V/	2	11	
		1400C5	Nut /see Fig.53,Book V/	2	3	
	5	4045 stand.				
		569-41	Nut /see Fig.57-2,Book V/	2	12	
		40 stand 568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
	6	4-21045 stand.				
		555-41	Elbow /see Fig.57-1,Book V/	4	19	
	7	ILV520-4	Emergency change-over switch /see Fig.102,Book V/	2	215	
	8	4841-0-1-2 /assy/	Rear door cylinder of the undercarriage main leg /see Fig.102,Book V/	2	3507	
	9	4814-10-2	Band fastener /welded/	2	63	
	10	1304C5-38	Bolt /see Fig.52-2,Book V/	2	17	
		1400C5	Nut /see Fig.53,Book V/	2	3	

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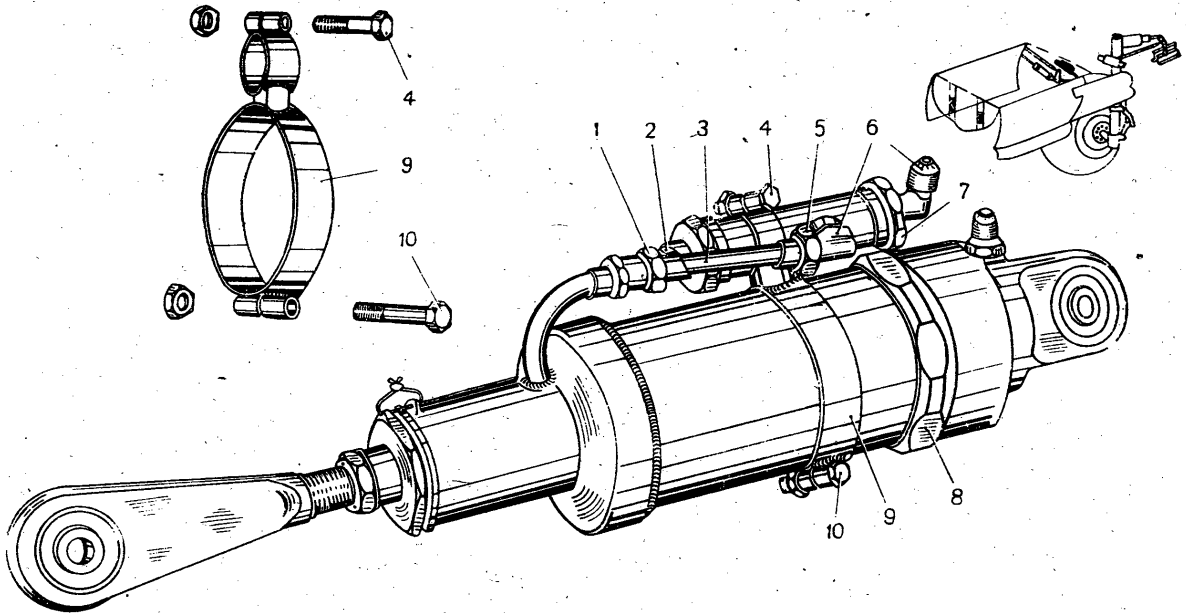


Fig.101. Undercarriage rear door cylinder with change-over switch.

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102						
	4841-0-1;-2	Rear door cylinder of the undercarriage man leg	2	3507	50X1	
1	4045 stand. 552-41	Union body /see Fig.57-1,Book V/	2	18		
2	4812-9-1;-2	Cover	2	710		
	4812-9-3;-4	Cover body 82x82x106	2	670	30X1CA	
	OCT 981068	Ball bearing /finished product/	2	40		
3	4812-7	Seal ring 70,2x74x74x1,5	2	2	Rubber B-14	
4	4812-10	Nut 64x64x24	2	130	Steel 45	
5	4812-11	Locking ring 62x62x10	2	10	Steel 20	
6	4812-14	Bushing 54x70x70x5	2	15	ALT	
7	IA302-70-54	Cuff /see Fig.63,Book V/	4	8,5		
8	IA303-70-54	Spacing ring /see Fig.69,Book V/	4	22		
9	4812-17	Seal ring 53,7x60x60x3	4	2	Rubber B-14	
10	4812-18	Seal ring 60,3x70x70x5	2	7,5	Rubber B-14	
11	4812-13	Sleeve 54x70x70x24	2	68	ALT	
12	4812-30-2	Cylinder 70x82x110x242 /welded/	2	1110		
13	4812-20-2	Piston-rod with piston 59x69x250 /welded/	2	890		
14	4812-19	Seal ring 20,8x29x29x4	2	2	Rubber B-14	
15	4812-16	Seal ring 22,2x38x38x5	2	2	Rubber B-14	
16	4812-12	Bush 22x38x38x16	2	28	ALT	
17	IA303-58-22	Spacing ring /see Fig.69,Book V/	4	22		
18	IA302-38-22	Cuff /see Fig.63,Book V/	4	4,5		
19	4812-15	Bushing 22,2x38x38x5	2	2,5	ALT	
20	4812-4	Seal gland 35x35x15	2	4	Aviation sealing felt stand 288-41	

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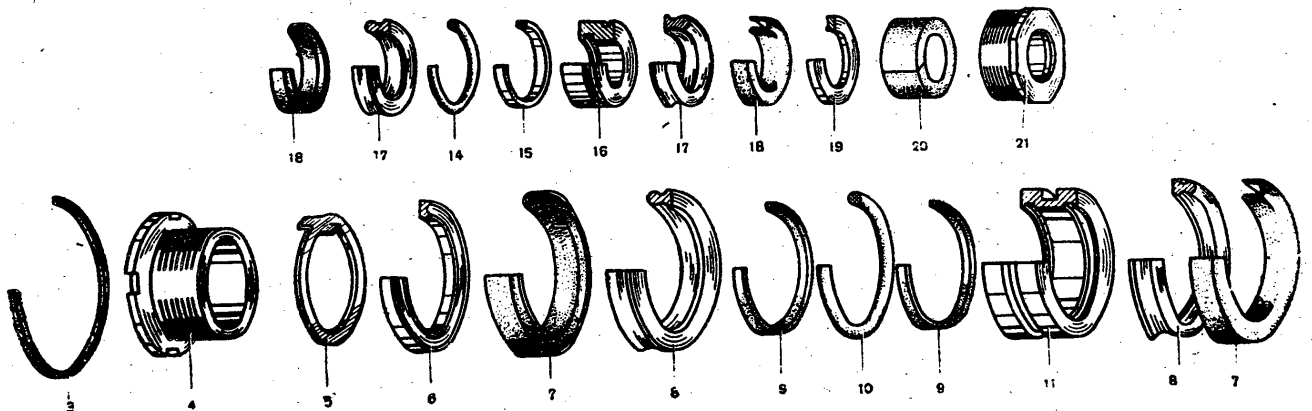
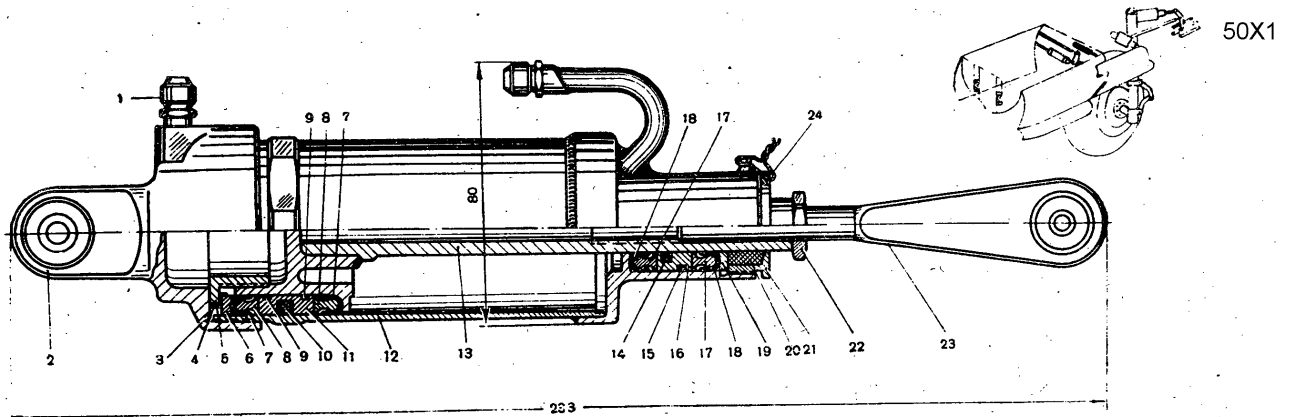


Fig.102. Rear door cylinder of the undercarriage
main leg.

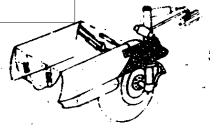
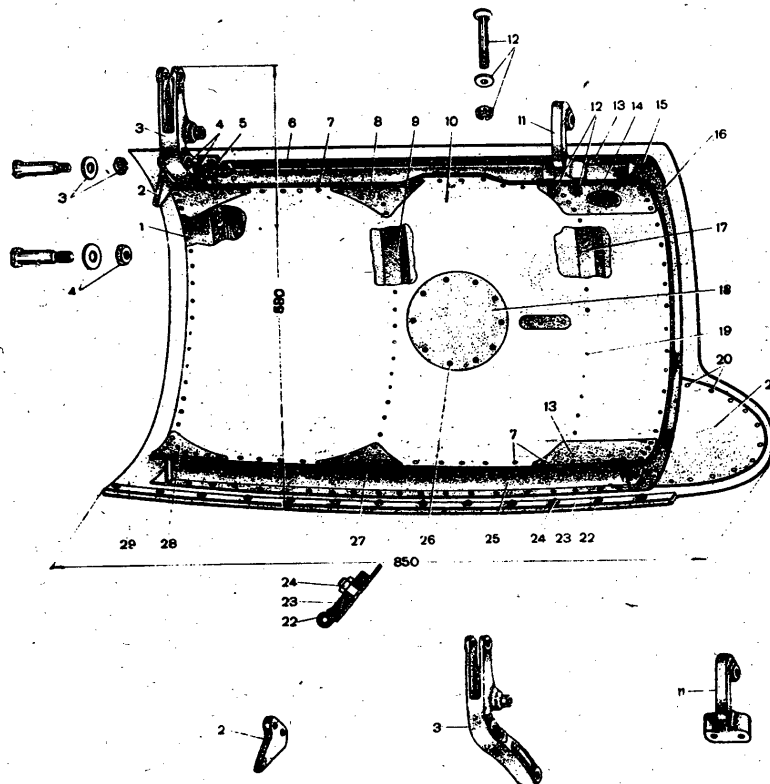
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102	21	4812-3	Nut 49x49x17	2	70	Steel 45	50X1
	22	4812-6	Safety nut 24x22x7	2	14	Steel 45	
	23	4841-1 /assy/	Eye bolt	2	330		
		4841-1-1-1	Eye bolt 42x16x177	2	290	30XICA	
		981068	Ball bearing /finished product/	2	40		
	24	4841-0-3	Locking wire	2	1	KO Ø 1	
103		4840-0-1;-2 /assy/	Rear door of the undercarriage main leg.	2	8324		
	1	4840-10-1;-2	Stiffener /welded/	2	1100		
	2	4840-9	Dog 69x74x10	2	198	30XICA	
	3	4840-20	Support bracket 207x140x60 /welded/	2	1415		
	4	IN909-8-6-38	Bolt /see Fig.52-1,Book V/	4	28		
		142506	Nut /see Fig.53,Book V/	4	3		
		234A1,5-8-16	Washer /see Fig.55,Book V/	4	1		
		1,5x20 stand.					
		397-41	Cotter pin /see Fig.110,Book V/	4			
	5	IN909-10-8-36	Bolt /see Fig.52-1,Book V/	4	30		
		1400C8	Nut /see Fig.53,Book V/	4	5		
		234A2-10-20	Washer /see Fig.55,Book V/	4	2		
	6	4840-6-3-4	Profile 35x25x574	2	180	Δ 16M	
	7	IN307-5-12	Rivet /see Fig.54,Book V/	120			
	8	4840-8	Tie plate 120x90	2	30	Δ 16AT	
	9	4840-4-1;-2	Profile 520x270x25	2	177	Δ 16T	
	10	4840-0-5;-6	Inner sheathing 750x750	2	1150	Δ 16T Δ 1	
	11	4840-5	Support bracket 132x85x50	2	290	Δ AK6	
	12	IN282-6-50	Bolt /see Fig.52-1,Book V/	4	11		
		1400C6	Nut /see Fig.53,Book V/	4	3		
		234A1-6-14	Washer /see Fig.55,Book V/	4			
	13	4840-3	Tie plate 140x95	4	59	Δ 16T	
	14	4840-19	Tie plate 140x95	2	63	Δ 16AT	
	15	IN306-5-12	Rivet /see Fig.54,Book V/	20			

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Fig.103. Rear door of the undercarriage main leg.

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103

16	4840-4-5;-6	Profile 520x270x25	2	177	Δ 16T
17	4840-4-3;-4	Profile 520x270x25	2	177	Δ 16T
18	4840-0-11	Strap 140x140	2	35	Δ 16AM
19	IN307-4-8	Rivet /see Fig.54,Book V/	130		
20	IN306-4-10	Rivet /see Fig.54,book V/	330		
21	4840-0-9-10	Sheet 145x306	2	54	Δ 16T
22	3826II 1233-700	Rubber profile /see Fig.55,Book V/	2	60	
23	4820-74-3	Strip 11x730	2	22	Δ 16AT
24	133703-16	Screw /see Fig.52-1,Book V/	26	1	
	IN749-3	Nut /see Fig.109,Book V/	26		
25	4840-6-1;-2	Profile 35x25x574	2	180	Δ 16AT
26	126065-10	Self-tapping screw /see Fig.52-1,Book V/	20	2	
27	4840-2	Tie plate 120x90	2	65	Δ 16AT
28	4840-1	Tie plate 118x95	4	32	Δ 16AT
29	4840-0-3;-4	Outer sheet 770x770	2	2400	Δ 16AT

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CONTROL MECHANISM OF THE UNDERCARRIAGE UP-POSITION I

Fig. No.	Position	Group	Subgroup	Denotation and overall dimensions	How many for one aircr.	Weight of one part in grams	Material
		UNDERCARRIAGE					50X1
			Control Mechanism of the Undercarriage Up-Position Locks.				
		Drawing No.					
104		4160-0 /assy/	Control mechanism of the undercarriage up-position locks		1	16 kg	
	1	4172-0-1;-2 /assy/	Installation of the support bracket with roller in the engine nacelle /see Fig.105, assembly E/		2	282	
	2	4171-0-1;-2 /assy/	Installation of the support bracket with roller on the wing front spar /see Fig.105, Assembly D/		2	607	
	3	23607	Stretcher /see Fig.58-1, Book V/		2	58	
	4	4170-0	Installation of the support bracket with rollers on the wing front spar /see Fig.106, Assembly G/		1	770	
	5	7x19-3,5 stand. 2172-43	Control cable $\ell = 8400$		2	500	
	6	31 Steel 7x19-3,5 stand. 2172-43	Braiding /see Fig.83, Book V/		8	1	
	7	4161-0	Control mechanism of the undercarriage up-position locks /see Fig.107/		1	1555	
		7x19-3,5 stand 2172-43	Control cable $\ell = 6400$		1	400	
		31 Steel 7x19-3,5 stand. 2172-43	Braiding /see Fig.83, Book V/		2	1	
	8	7x19-4 stand. 2172-43	Control cable $\ell = 6600$		1	400	
		31 Steel 7x19-4 stand. 2172-43	Braiding /see Fig.83, Book V/		2	1	

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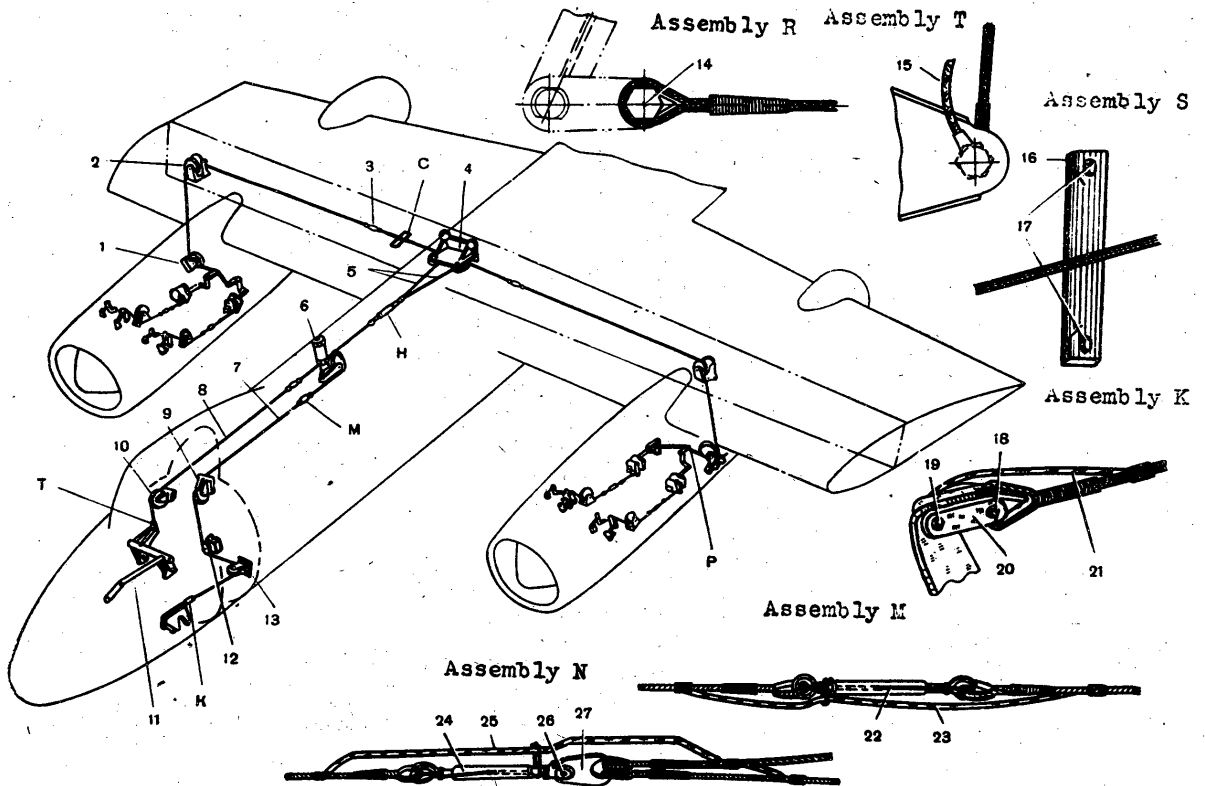
104						
	9	4165-0 /assy/	Installation of the support bracket with roller on the fuselage former No.12 /see Fig.105, assembly B/	1	330	
	10	4166-0 /assy/	Installation of the support bracket with roller on the fuselage former No.11 /see Fig.105, assembly A/	1	350	
	11	4167-0 /assy/	Installation of the emergency lever /see Fig.106, assembly I/	1	1744	
	12	4163-0 /assy/	Installation of the support bracket with roller in the fuselage /see Fig.105, assembly C/	1	320	
	13	4164-0 /assy/	Installation of the support bracket with roller in the fuselage /see Fig.105, assembly F/	1	360	
	14	1304C6-20	Bolt /see Fig.52-2, Book V/	2	7	
		1425C6	Nut /see Fig.53, Book V/	2	3	
		234A1-6-14	Washer /see Fig.55, Book V/	2	1	
		1,5x20 stand. 397-41	Cotter pin /see Fig.110, Book V/	2		
	15	140376-5-175	Flexible butt connection /see Fig.68, /Book V/	1	5	
	16	4160-0-8	Boss 10x100x5	1	14	
	17	1315C4-12	Bolt /see Fig.52-1, Book V/	2	2	
		234A1-4-8	Washer /see Fig.55, Book V/	2		
		1403C4	Nut /see Fig.53, Book V/	2		
	18	1305C6-20	Bolt /see Fig.52-2, Book V/	1	7	
		234A1-6-14	Washer /see Fig.55, Book V/	1	1	
		1425C6	Nut /see Fig.53, Book V/	1	3	
		1,5x20 stand. 397-41	Cotter pin /see Fig.110, Book V/	1		
	19	1305C6-20	Bolt /see Fig.52-2, Book V/	1	7	
		234A1-6-14	Washer /see Fig.55, Book V/	1	1	
		1425C6	Nut /see Fig.53, Book V/	1	3	
		1,5x20 stand. 397-41	Cotter pin /see Fig.110, Book V/	1		

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Fig.104. Control mechanism of the undercarriage up-position locks.

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						50X1
104		136306-8-7	Bush /see Fig.56,Book V/	1	2	
	20	4160-2	Link 18x53x2	2	10	Steel 20
	21	II 376-3-150	Flexible butt connection /see Fig.68, Book V/	1	6	
		4160-0-1	Wire	1	5	KO Ø 1
	22	228C7	Stretcher /see Fig.58-1,Book V/	2	58	
	23	II 377-400	Flexible butt connection /see Fig.68,Book V/	2	18	
		4160-0-1	Wire	2	5	KO Ø 1
	24	236C7	Stretcher /see Fig.58-2,Book V/	1	37	
	25	II 377-500	Flexible butt connection /see Fig.68,Book V/	1	22	
		4160-0-1	Wire	2	5	KO 1
	26	130506-20	Bolt /see Fig.52-2,Book V/	1	7	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
		142506	Nut /see Fig.53,Book V/	1	3	
		1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		
	27	4160-1	Link 52x30x4	1	3	Steel 20
105	Assemb- ly A	4166-0 /assy/	Installation of the support bracket with roller on the former No.11, fuselage, engine nacelle and wing.	1	350	
	1	4166-1	Support bracket 84x118x60	1	178	Mn5T4 /casting/
	2	II 362-7-6-28	Bolt /see Fig.52-1,Book V/	1	13	
		140606	Nut /see Fig.53,Book V/	1	2,5	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
		1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		
	3	II 386-2	Roller /see Fig.79,Book V/	1	92	
	4	134006-30-26,5	Stem /see Fig.52-2,Book V/	2	.4	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	

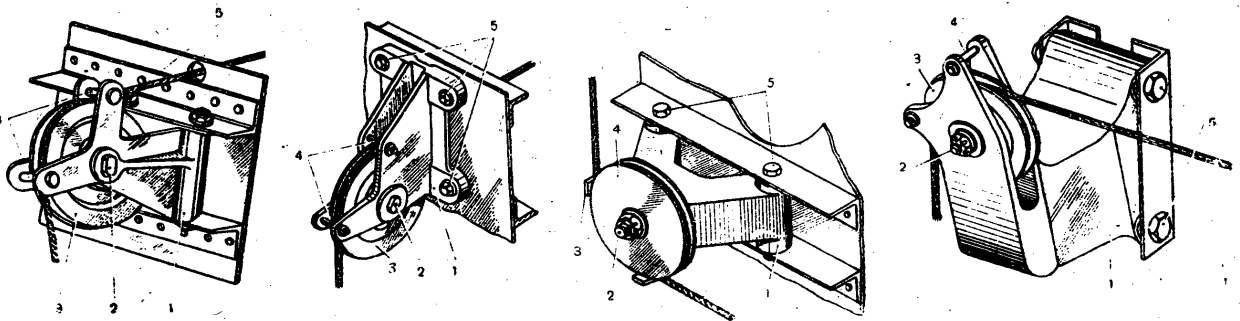
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Assembly A

Assembly B

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Assembly E

Assembly F

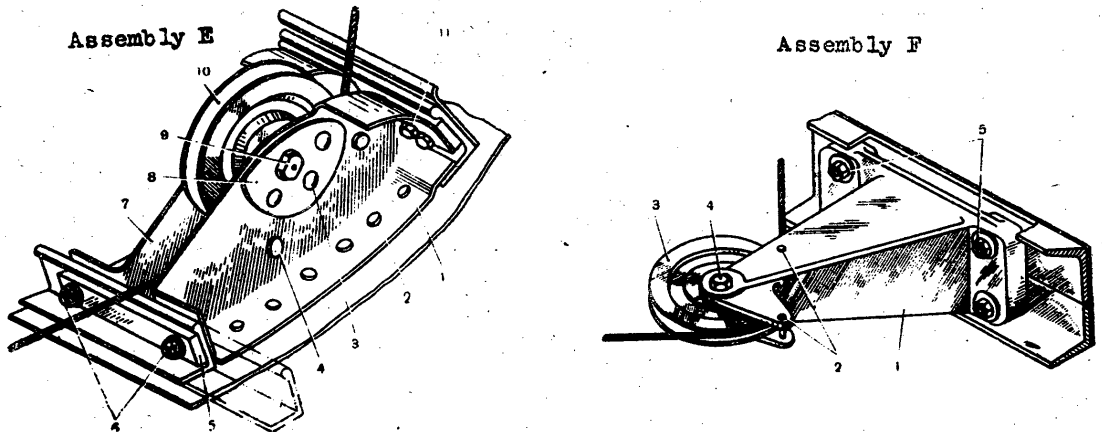


Fig.105. Installation of the support bracket with rollers in the fuselage, engine nacelle and wing.

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105						50X1
		2x12 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
	5	130406-74	Bolt /see Fig.52-2,Book V/	2	19	
		1400C6	Nut /see Fig.53,Book V/	2	3	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
	Assemb- ly B	4165-0 /assy/	Installation of the support bracket with roller on the fuselage former No.12	1	330	
	1	4165-1	Support bracket 98x95x84	1	185	Mn5T4 /casting/
	2	111362-7-6-28	Bolt /see Fig.52-1,Book V/	1	13	
		1425C6	Nut /see Fig.53,Book V/	1	3	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
		1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book,V/	1		
	3	111386-4	Roller /see Fig.79,Book V/	1	70	
	4	1340C5-26-30	Stem /see Fig.52-2,Book V/	2	4	
		234A1-5-12	Washer /see Fig.55,Book V/	2		
		1,5x10 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
	5	130406-24	Bolt /see Fig.52-2,Book V/	4	8	
		1400C6	Nut /see Fig.53,Book V/	4	3	
	Assemb- ly C	4163-0 /assy/	Installation of the support bracket with roller in the fuselage.	1	320	
	1	4163-1	Support bracket 67x110x50	1	105	Mn5T4 /casting/
	2	4163-2	Roller axle 24x24x67	1	50	Steel 45
		4163-2	Washer 40x40x2,5	1	10	A16AT
		234A1,5-10-20	Washer /see Fig.55,Book V/	2	2	
		1406C10	Nut /see Fig.53,Book V/	1	8	
		1400C10	Nut /see Fig.53,Book V/	1	8	

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105						
		2,5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	1	1	50X1
3		4163-3	Limitter 66x66x16	1	25	Steel 20A
		1318C4-8	Screw /see Fig.52-1,Book V/	1	2	
4		4163-10 /assy/	Roller with ball bearing	1	65	
		4163-10-1	Roller 70x70x10	1		AlT
		80701	Ball bearing /finished product/	1	25	
5		4163-5	Bolt 13x11x72	2	16	Steel 45
		234A3-6-14	Washer /see Fig.55,Book V/	2	3	
		LN749-6	Nut /see Fig.55,Book V/	2	3	
Assemb- ly I		4171-0-1;-2/assy/	Installation of the support bracket with roller on the wing front spar.	2	607	
1		4171-1-1;-2	Support bracket 120x153x83	2	245	MA5T4 /casting/
2		LN363-7-6-30	Bolt /see Fig.52-1,Book V/	2	13	
		1425C6	Nut /see Fig.55,Book V/	2	3	
		234A1-7-16	Washer /see Fig.55,Book V/	2	1	
		1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
3		LN386-4	Roller /see Fig.79,Book V/	2	70	
4		1340C5-28-32	Stem /see Fig.52-2,Book V/	4	5	
		234A1-5-12	Washer /see Fig.55,Book V/	4	1	
		1,5x10 stand. 397-41	Cotter pin /see Fig.110,Book V/	4		
5		4171-2	Bolt 16x14x95	4	40	Steel 45
		LN749-8	Nut /see Fig.109,Book V/	4	5	
		234A1,5-8-16	Washer /see Fig.55,Book V/	4	2	
Assemb- ly D		4172-0-1-2 /assy/	Installation of the support bracket with roller on the wing front spar	2	282	
1		4172-1-1-2	Support bracket 138x68x32	2	55	Al 16AT

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105							
	2	LN306-4-10	Rivet /see Fig.54,Book V/	24			50X1
	3	LN306-4-10	Rivet /see Fig.54,Book V/	12			
	4	1340C6-22-18,5	Stem /see Fig.52-2,Book V/	4	5		
		234A1-6-14	Washer /see Fig.55,Book V/	4	1		
		1,5x15 stand. 397-41	Cotter pin /see Fig.110,Book V/	4			
	5	4172-0-3	Gasket 15x85x4	6	6		IIT 54
	6	1301C5-22	Bolt /see Fig.52-2,Book V/	4			
	7	4172-1-5-6	Support bracket 138x68x32	2	55		A16AT
	8	4172-0-4	Strap 44x51x2	4	5		A16AT
	9	LN363-7-6-20	Bolt /see Fig.52-1,Book V/	2	8		
		1425C6	Nut /see Fig.53,Book V/	2	3		
		234A1-6-14	Washer /see Fig.55,Book V/	2	1		
		1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2			
	10	LN386-4	Roller /see Fig.79,Book V/	2	70		
	11	1301C5-20	Bolt /see Fig.52-2,Book V/	8	6		
		LN749-5	Nut /see Fig.109,Book V/	8	2		
		234A1-5-12	Washer /see Fig.55,Book V/	8	1		
Assemb-ly E		4164-0 /assy/	<u>Installation of the support bracket with roller in the fuselage</u>	1	360		
	1	4164-1	Support bracket 118x124x60	1	220		M.5T4 /casting/
	2	1340C4-28	Stem /see Fig.52-2,Book V/	2	3,5		
		234A0,5-4-8	Washer /see Fig.55,Book V/	2			
		1,5x8 stand. 397-41	Cotter pin /see Fig.110,Book V/	2			
	3	LN386-4	Roller /see Fig.79,Book V/	1	70		
	4	LN362-7-6-28	Bolt /see Fig.52-1,Book V/	1	13		
		1425C6	Nut /see Fig.53,Book V/	1	3		
		234A1-6-12	Washer /see Fig.55,Book V/	1	1		
		1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	1			

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105							50X1
	5	182306-30	Bolt /see Fig.52-1,Book V/	4	6		
		234A1-6-12	Washer /see Fig.55,Book V/	4	1		
		1411C6	Nut /see Fig.53,Book V/	4	3		
106	Assemb- ly I	4167-0 /assy/	<u>Installation of the emergency lever</u>	1	1744		
	1	233A5-10-20	Washer /see Fig.55,Book V/	2	4		
	2	141144-8-10-18	Bush /see Fig.56,Book V/	1	4		
	3	130408-34	Bolt /see Fig.52-1,Book V/	1	18		
		234A1-8-16	Washer /see Fig.55,Book V/	1	1		
		1400C8	Nut /see Fig.53,Book V/	1	5		
	4	4167-10	Lever 395x680x70	1	1250		
	5	187508-32	Bolt /see Fig.52-2,Book V/	1	19		
		1425C8	Nut /see Fig.53,Book V/	1	6		
		234A1-8-16	Washer /see Fig.55,Book V/	1	1		
		2x25 stand. 397-41	Cotter pin /see Fig.110,Book V/	1			
	6	130406-18	Bolt /see Fig.52-2,Book V/	6	8		
		1400C6	Nut /see Fig.53,Book V/	6	2		
		234A1-6-14	Washer /see Fig.55,Book V/	6	1		
	7	4167-20 /assy/	Support bracket	2	90		
		4167-21	Support bracket 100x46x11	2	51		AK6
		981068	Ball bearing /finished product/	2	39		
	8	130405-20	Bolt /see Fig.52-2,Book V/	3	5		
		1400C5	Nut /see Fig.53,Book V/	3	1		
		234A1-5-12	Washer /see Fig.55,Book V/	3			
	9	4167-2	Stay 113x30x35	1	100		M15T4 /cating/
	10	130405-42	Bolt /see Fig.52-2,Book V/	3	8		
		1400C5	Nut /see Fig.53,Book V/	3	1		
		234A1-5-12	Washer /see Fig.55,Book V/	3			
	11	4167-1	Spring 35x71	2	35		Y9A

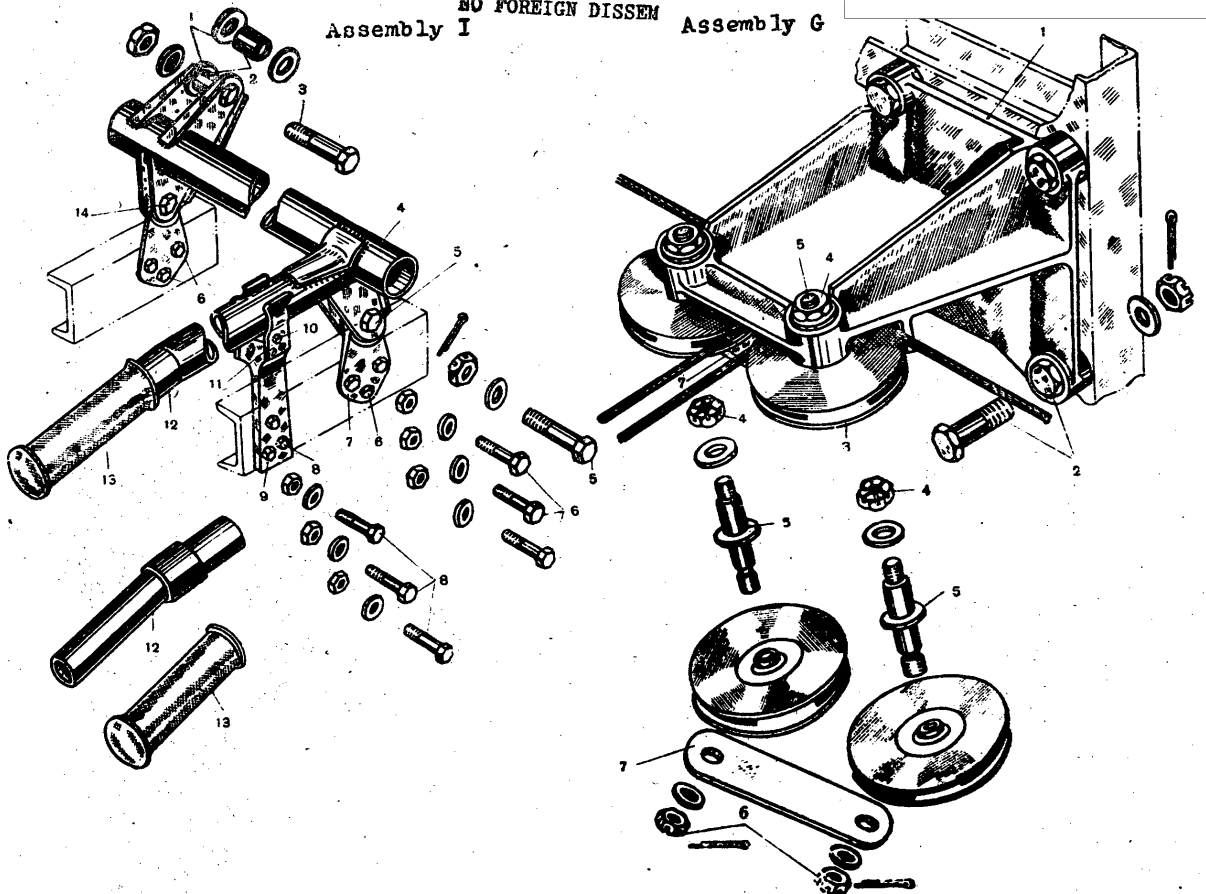
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106						
	12	4167-11	Adapter 30x43x180	1	80	M5T4 /casting/ 50X1
	13	4167-13	Grip 36x36x113	1	58	Rubber 1847
	14	1875C8-38	Bolt /see Fig.52-2,Book V/	1	21	
		1425C8	Nut /see Fig.53,Book V/	1	6	
		234A1-8-16	Washer /see Fig.55,Book V/	1	1	
		2x25 stand. 397-41	Cotter pin /see Fig.110,Book V/	1		
Assemb-	4170-0	/assy/ ly G	Installation of the support bracket with rollers on the wing front spar	1	770	
	1	4170-1	Support bracket	1	570	M5T4 /casting/
	2	1301C8-32	Bolt /see Fig.52-2,Book V/	4	19	
		11.749-8	Nut /see Fig.53,Book V/	4	8	
		234A1,5-8-16	Washer /see Fig.55,Book V/	4		
	3	11.386-4	Roller /see Fig.79,Book V/	2	70	
	4	1400C8	Nut /see Fig.53,Book V/	2	5	
		234A1,5-8-16	Washer /see Fig.55,Book V/	2		
	5	4170-3	Pin 20x20x51	2	62	30X1CA
	6	1425C8	Nut /see Fig.53,Book V/	2	3	
		234A1-7-14	Washer /see Fig.55,Book V/	2	1	
		1,5x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	2		
	7	4170-2	Washer 20x96x3	1	15	A16T

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Fig.106. Installation of the emergency lever.

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107						
		4161-0 /assy/	Control mechanism of the undercarriage up-position locks	1	7555	50X1
1		4161-3	Guide stem	3	53	Steel 45
		234A1,5-8-16	Washer /see Fig.55,Book V/	3	1	
		2,5x15 stand.	Cotter pin /see Fig.110,Book V/	3		
		397-41				
2		1304C8-66	Bolt /see Fig.52-2,Book V/	4	32	
		234A1,5-8-16	Washer /see Fig.55,Book V/	4	1	
		1400C8	Nut /see Fig.53,Book V/	4	5	
		1363C8-11-34	Bush /see Fig.56,Book V/	4	11	
3		1305C12-144	Bolt /see Fig.52-2,Book V/	1	153	
		234A2-12-25	Washer /see Fig.55,Book V/	1	8	
		1406C12	Nut /see Fig.53,Book V/	1	10	
		2,5x35 stand.	Cotter pin /see Fig.110,Book V/	1	1	
		397-41				
4		4161-1	Support bracket 188x194x125	1	950	M05T4 /casting/
5		1304C10-140	Bolt /see Fig.52-2,Book V/	2	103	
		234A2-10-20	Washer /see Fig.55,Book V/	2	8	
		1406C10	Nut /see Fig.53,Book V/	2	8	
		2,5x30 stand.	Cotter pin /see Fig.110,Book V/	2		
		397-41				
6		4162-0 ¹ /assy/	Engaging cylinder of the up-position /see Fig.108/	1	4395	
6		4162-0 ² /assy/	Engaging cylinder of the up-position locks /see Fig.109/	1	3750	
7		1304C8-58	Bolt /see Fig.52-2,Book V/	3	29	
		1400C8	Nut /see Fig.53,Book V/	3	5	
		234A1-8-16	Washer /see Fig.55,Book V/	3	1	

- 1 Is being installed on the aircrafts with Nos.starting from
6450401,0616601,30501901.
- 2 Is being installed on the aircrafts with Nos.starting from
6450101,0116601,30500101 up to 6450401,30501310,0516605.

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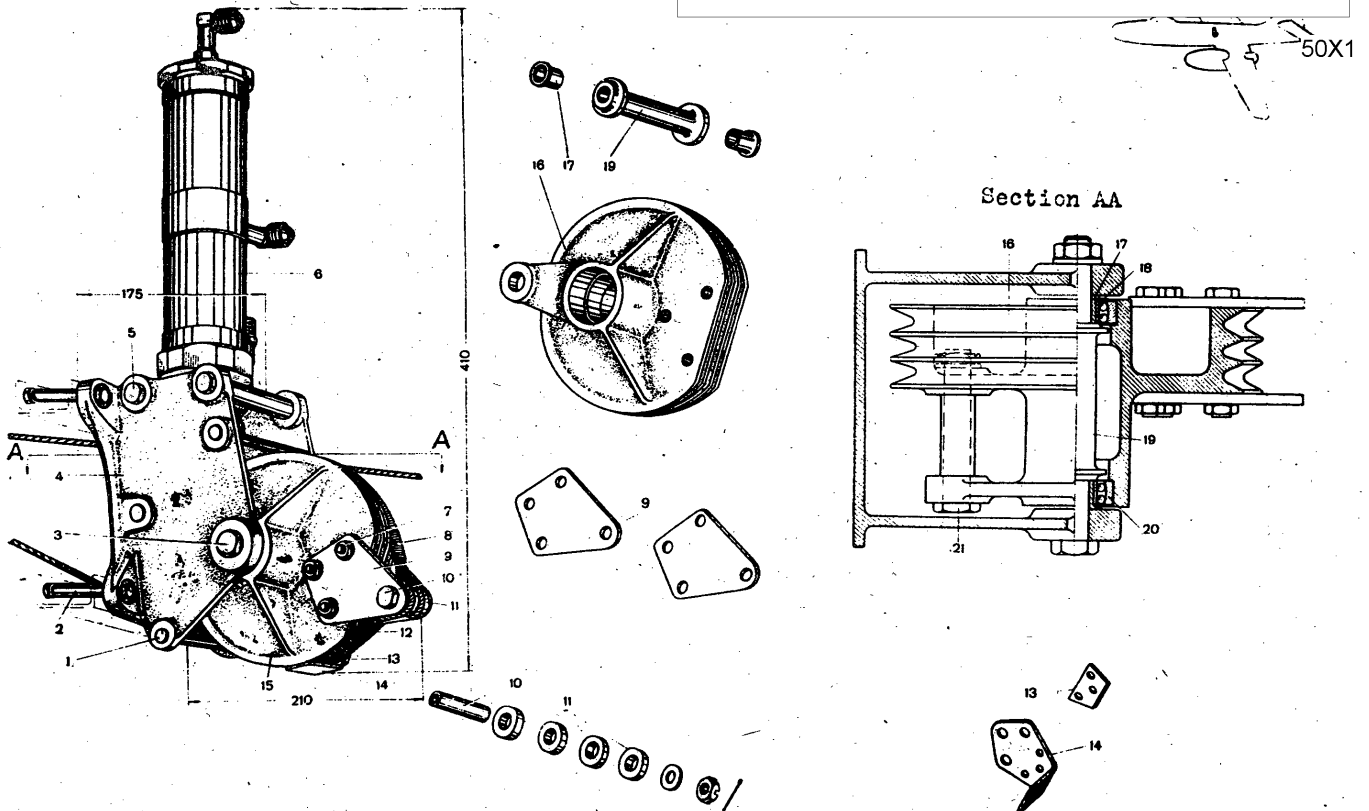


Fig.107. Control mechanism of the undercarriage up-position locks.

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107	8	31 Steel 7x19-4 stand.2171-43	Fixing of the control cables /see Fig.83,Book V/	2			50X1
	9	4161-11	Cheek 100x68x5	2	65		30X1CA
	10	1305C10-62	Bolt /see Fig.52-2,Book V/	1	49		
		234A2-10-20	Washer /see Fig.55,Book V/	1	8		
		1406C10	Nut /see Fig.53,Book V/	1	8		
		1363C12-10-38	Bush /see Fig.56,Book V/	1	10		
		2,5x30 stand. 397-41	Cotter pin /see Fig.110,Book V/	1	1		
	11	233A4,5-12-25	Washer /see Fig.55,Book V/	4	1		
	12	31 Steel 7x19,3,5 stand.2172-42	Fixing of the control cables /see Fig.83,Book V/	1			
	13	4161-0-2	Gasket 20x37x2	1			IIT
	14	4161-0-1	Clamp 44x108x3	1	65		Steel 20
	15	4161-10 /assy/	Drum complete	1	1990		
	16	4161-13	Drum 170x170x95	1	1273		Mn5T4 /casting/
	17	4161-14	Bush 12x20x20x13	2	24		
	18	11A301-15	Cover /see Fig.68,Book V/	2	1		
	19	4161-12	Spacing bush 13x28x28x72	1	22		AIT
	20	1202 OCT 6266 BKC	Ball bearing /finished product/	2	50		
	21	11A181-12-10-60	Bolt /see Fig.52-1,Book V/	1	83		
		11A144-12-16-37	Bush /see Fig.56,Book V/	1	10		
		234A2-10-20	Washer /see Fig.55,Book V/	1	8		
		1406C10	Nut /see Fig.53,Book V/	1	8		
		2,5x24 stand. 397-41	Cotter pin /see Fig.110,Book V/	1	1		
108		4162-0 /assy/	Engaging cylinder of the undercarriage up-position locks	1	4395		
	1	8-38C stand. 555-41	Union body /see Fig.57-1,Book V/	2	25		

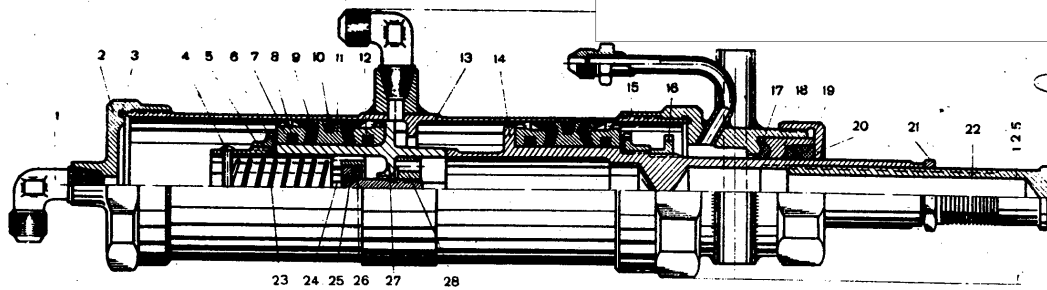
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108						50X1
2	4162-7	Cover 77x73x45	1	330	30XICA	
3	4162-1	Seal ring 62,2x66x66x2	2	5	Rubber	
4	1307C4-42	Bolt /see Fig.52-2,Book V/	1	5	B-14	
	1406C4	Nut /see Fig.53,Book V/	1	1		
	1801C1-4-17,5	Saucer washer /see Fig.55,Book V/	1			
	1x12 stand.	Cotter pin /see Fig.110,Book V/	1			
	397-41					
5	4162-2	Nut 52x52x12	2	42	Steel 45	
6	4162-6	Locking ring 52x45x1,5	2	6	Steel 20	
7	4162-17-1	Bushing 38x62x62x15	2	110	ALT	
8	II 1014-6-48-38	Seal ring /see Fig.63,Book V/	4	5		
9	5581-8	Cuff 39x63x63x13	4	6	Rubber	
10	4162-18	Felt seal ring 60x60x6	2	6	B-14	
					Aviation	
					seal felt	
					stand.288-	
					41	
11	5581-14	Washer 38x62x62x16	2	40	ALT	
12	4162-17-2	Bushing 38x62x62x15	2	40	ALT	
13	4162-40	Cylinder body 62x86x68x252 /welded/	1	913		
14	4162-8	Piston with rod 58x58x217	1	630	30XICA	
15	4162-30	Cover 98x85x107 /welded/	1	1123		
16	4162-16	Nut 58x58x12	1	55	Steel 45	
17	5581-7	Cuff 31x48x48x8	1	6	Rubber	
18	4162-21	Bushing 30x50x50x22	1	147	B-14	
19	5581-5	Felt seal ring 120x14x7	1	6	Steel 45	
					Aviation	
					seal felt	
					stand.	
					288x41	
20	4162-3	Nut 64x64x22	1	60	ALT	
21	4162-4	Safety nut 37x32x5	1	19	Steel 45	
22	4162-5	Support bolt 30x30x120	1	175	30XICA	

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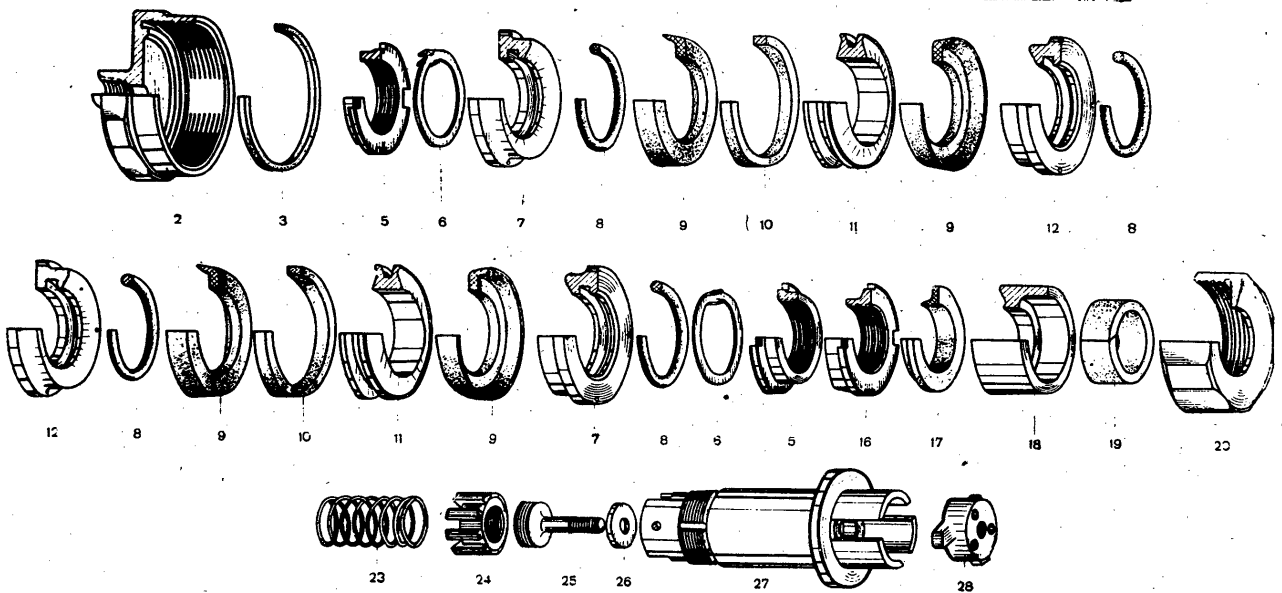


Fig.109. Engaging cylinder of the undercarriage up-position locks being installed on the aircrafts with Nos.starting from 6450401,0616601,30511901.

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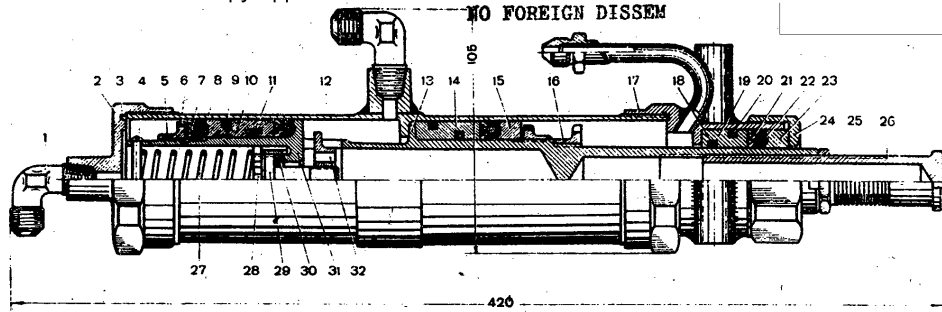
108							50X1
23	4162-9	Spring 27x27x122	1	22	OBC		
24	4162-11	Valve nut 29x29x15	1	20	Steel 45		
25	4162-13	Valve rod 22x22x37	1	26	3OXICA		
26	4162-12	Rubber ring 8x22x22x4	1	2	Rubber		
27	4162-14	Piston 58x58x106	1	330	Steel 45		
28	4162-15	Valve stopper 52x52x10	1	60	3OXICA		
109	4162-0 /assy/ ¹	Engaging cylinder of the up-position locks	1	3750			
1	6x22C stand. 553-41	Union body /see Fig.57-1,Book V/	2	25			
2	4162-7	Cover 69x65x45	1	253	3OXICA		
3	4162-1	Seal ring 54x58x58x2	2	1	Rubber		
4	1307C4-42	Bolt /see Fig.52-2,Book V/	1	5	B-14		
	1406C4	Nut /see Fig.53,Book V/	1	1			
	1801C1-4-17,5	Saucer washer /see Fig.55,Book V/	1				
	1x12 stand. 397-41	Cotter pin /see Fig.110,Book V/	1				
5	4162-2	Nut 52x52x12	2	43	Steel 45		
6	4162-6	Locking ring 52x45x1	2	6	Steel 20		
7	II-303-54-58	Spacing ring /see Fig.69,Book V/	3	14			
8	II-302-54-38	Cuff /see Fig.63,Book V/	3	5			

Is being installed on the aircrafts with Nos.starting from 6450101,0116601,
30500101 up to 0616605,30501810,6450401.

1
Is being installed on the aircrafts with Nos.starting from
6450401,0616601,30511901. /see page 135/.

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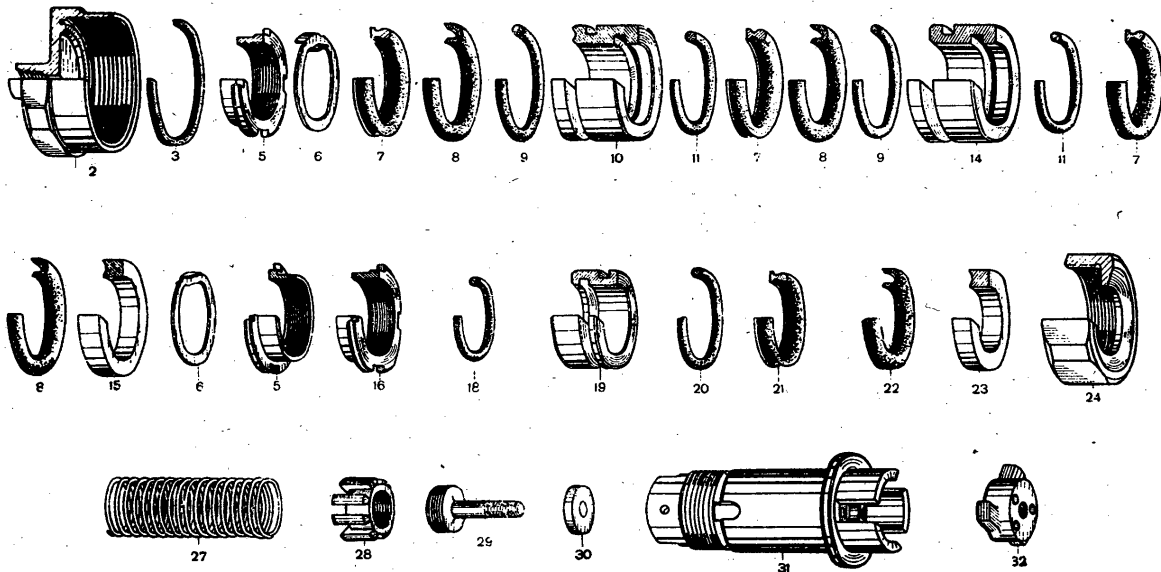


Fig.109. Engaging cylinder of the undercarriage up-position locks being installed on the aircrafts with Nos. starting 6450101, 0116601, 30500101 up to 6450401, 0516605, 30501810.

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109						
	9	4162-54	Seal ring 43,8x54x54x5	2	5	Rubber B-14
	10	4162-53	Bush 38x54x54x30	1	75	ALT
	11	101b-48-38,5	Seal ring /see Fig.63,Book V/	2	6	
	12	4162-20	Cylinder body 54x60x77x252 /welded/	1	792	
	13	4162-8	Piston with rod 52x52x222	1	672	30XICA
	14	4162-17	Bush 38x54x54x30	1	75	ALT
	15	II 642-54	Bushing /see Fig.112,Book V/	1	23	
	16	4162-16	Nut 50x50x11	1	50	Steel 45
	17	4162-30	Cover 98x85x107 /welded/	1	763	
	18	4162-55	Seal ring 29x37x37x4	1	2	Rubber B-14
	19	4162-18	Bush 48x62x46x21	1	41	ALT
	20	4162-19	Seal ring 35,8x46x46x5	1	5	Rubber B-14
	21	II 303-46-30	Spacing ring /see Fig.69,Book V/	1	13	
	22	II 302-46-30	Cuff /see Fig.63,Book V/	1	4	
	23	II 642-46	Bushing /see Fig.112,Book V/	1	23	
	24	4162-3	Nut 60x56x22	1	51	ALT
	25	4162-4	Safety nut 37x32x5	1	19	Steel 45
	26	4162-5	Support bolt 30x30x120	1	178	30XICA
	27	4162-9	Spring 27x27x122	1	44	OBC
	28	4162-11	Nut valve 29x29x15	1	20	Steel 45
	29	4162-13	Valve rod 22x22x37	1	26	30XICA
	30	4162-12	Rubber ring 8x22x22x4	1	2	Rubber B-14
	31	4162-14	Piston 53x53x101	1	335	Steel 45
	32	4162-15	Valve stop 11x44x12	1	55	30XICA

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Pneumatic System

110	5500-0 ¹	Pneumatic system	1	50X1
1	4220-0 /assy/	Lifting cylinder /jack/ of the under-carriage nose leg /see Fig.71/	1	
2	5508-0 /assy/	Air piping installation in the nose leg section /Fig.112-1./	1	
3	IL1646-4 B /assy/	Non-return valve /see Fig.101, Book V/	1	
4	4882-0 /assy/	Engaging cylinder of the nose leg doors /see Fig.79/	1	
5	7701-0 /assy/	Pilot's instrument panel /see Fig.78-1, Book IV/	1	
6	5510-0 ¹ /assy/	Panel with air cocks and pressure gauges /see Fig.114/	1	
7	5541-0 /assy/	Installation of the emergency bottle /see Fig.116-3/	1	
8	5511-0 /assy/	Undercarriage cock /see Fig.124/	1	
9	5517-0 /assy/	Cock of the landing flaps emergency control /see Fig.117/	1	
10	5516-0 /assy/	Cock for emergency lowering of the undercarriage /see Fig.119/	1	
11	5543-0 /assy/	Installation of the release cocks /see Fig.125/	1	
12	5502-0 /assy/	Installation of the pneumatic system filling neck /see Fig.130-3/	1	
13	4162-0 /assy/	Control mechanism of the undercarriage up-position locks /see Fig.104/	1	
14	5505-0 /assy/	Installation of the emergency bottle /see Fig.127-2/	1	
15	AGREGAT 280B	Compressor AK-150 /finished product/	2	
16	4810-0 /assy/	Engaging cylinder of the undercarriage main leg doors /see Fig.95/	2	
17	IL1520-6	Emergency change-over switch /see Fig.102, Book V/	2	
18	4842-0-1; /assy/	Engaging cylinder of the undercarriage main leg rear doors /see Fig.101/	2	

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To the pipe-line "S", see Fig.24, Book III.

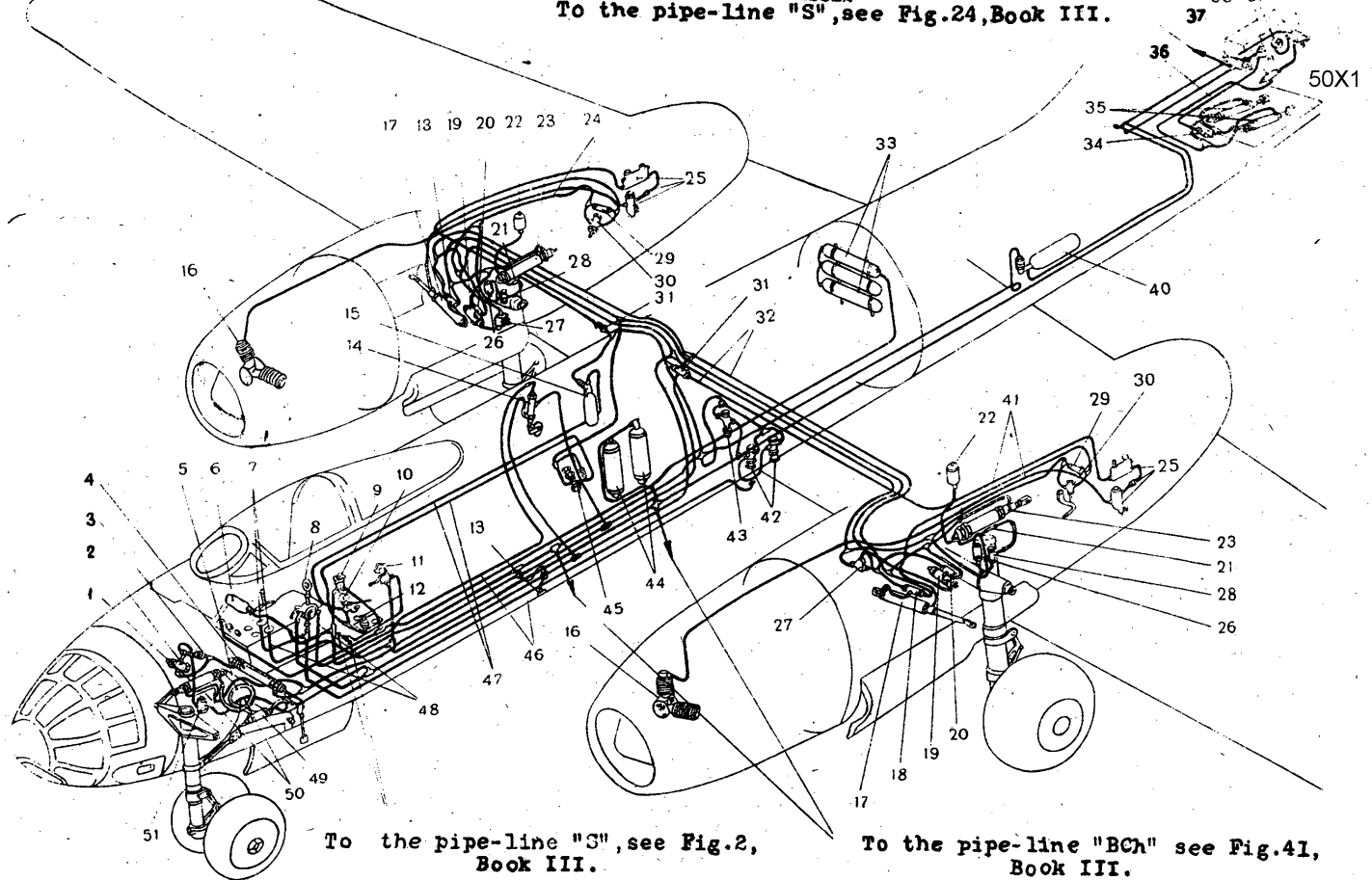


Fig.110. Pneumatic system on the aircrafts with Nos.starting from 6450001,0016601, 30500101 up to 6450204,0516605,30501810.

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19	LM520-4	Emergency change-over switch /see Fig. 102, Book V/	2
20	LM-655-6-1-1,5A	Air damper /see Fig.100, Book V/	2
21	557-0 /assy/	Installation of the surge container /see Fig.138/	2
22	4180-0	Lifting cylinder /jack/ of the under-carriage main legs /see Fig.92/	2
23	5560-0 ²	Air piping installation in the starboard engine nacelle /see Fig. 133-1/	1
24	5565-0 /assy/ ¹	Installation of the panels with pneumatic system sets in the engine nacelle /see Fig.134/	2
25	4112-0 /assy/	Switching cylinder /see Fig.91/	2
26	5503-0-1-2 /assy/	Blocking valve type I /see Fig.142/	2
27	4114-0 /assy/	Blocking valve type II /see Fig.89/	2
28	5572-0 /assy/	Non-return valve /see Fig.139/	2
29	5574-0 /assy/	Blocking valve type II /see Fig.141/	2
30	LM646-6b	Non-return valve /see Fig.101, Book V/	2
31	550-00 /assy/	Air piping installation inside the wing /see Fig.131/	1
32	5501-0 /assy/	Installation of the compressed air bottles /see Fig.128/	3
33	LM655-6-1,5-A	Air damper /see Fig.100, Book V/	1

¹ Is being installed on the aircrafts with Nos.starting from 6450001,0016601,30500101 up to 6450204,0516605,30501810.

² Is being installed on the aircrafts with Nos.starting from 6450001,6450204.

¹ Is being installed on the aircrafts with Nos.starting from 6450001 up to 6450703.

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110						50X1
34	5581-0 /assy/	Cylinder actuating the access door of the tail section cabin /see Fig.148/	2			
35	II#611-45-25	Reducing valve /see Fig.99,Book V/	1			
36	II#520-6	Emergency air change-over switch /see Fig.102,Book V/	1			
37	7803-0 /assy/	Right-hand panel of the gunner /see Fig.118-1,Book V/	1			
38	7803-50 /assy/	Installation of the emergency bottle of the tail section access door /see Fig.130-3/	1			
39	5560-0 /assy/ 2	Piping installation in the port engine nacelle /see Fig.145-1/	1			
40	5506-0	Installation of the pressure reducing valves /Fig.130-3/	1			
41	5546-0 /assy/	Installation of the pressure reducing valve of the undercarriage pneumatic system /see Fig.130-3/	2			
42	5530-0 /assy/	Installation of the hydraulic accumulator /see Fig.154/	2			
43	5504-0 /assy/	Installation of the pressure reducing valve of the undercarriage emergency pneumatic system /see Fig.127-1/	1			
44	5540-0 /assy/ 2	Air piping installation on the starboard side of the fuselage /see Fig.129-1/	1			
45	5540-0 /assy/	Air piping installation on the port side of the fuselage /see Fig.126-1/	1			
46	5540-0 /assy/ 2	Air piping installation inside the pilot's cockpit /see Fig.113/	1			
47	4242-0 /assy/	Switching cylinder of the lock securing the folding strut of the nose leg /see Fig.77/	1			
48	5503-0-3 /assy/	Blocking valve type I /see Fig.142/	1			
49	5518-0 /assy/	Installation of the compressed air bottles cock /see Fig.116-3/	1			

1 Is being installed on the aircrafts with Nos.stating from 6450001 up to 6450204.

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111	5500-0 /assy/ ¹	<u>Pneumatic system</u>	1	50X1
1	4220-0 /assy/	Lifting cylinder of the undercarriage nose leg /see Fig.71/	1	
2	5508-0 /assy/	Air piping installation in the nose leg section /see Fig.112-1/	1	
3	111646-6-5	Non-return valve /see Fig.101, Book V/	1	
4	4882-0 /assy/	Engaging cylinder of the nose leg doors /see Fig.79/	1	
5	7701-0 /assy/	Pilot's instrument panel /see Fig.78-1, Book IV/	1	
6	5541-0 /assy/	Installation of the emergency bottle /see Fig.116-3/	1	
7	5515-0 /assy/	Panel with pressure gauges /see Fig.116-3/	1	
8	5510-0 /assy/	Panel with air cocks /see Fig.122/	1	
9	5511-0 /assy/	Undercarriage cock /see Fig.124/	1	
9	5518-0 /assy/	Installation of the compressed air bottles cock /see Fig.116-3/	1	
10	5516-0 /assy/	Installation of the cock for emergency lowering of the undercarriage /see Fig.119/	1	
Assemb- ly A	5517-0 /assy/	Installation of the cock for landing flaps emergency control /see Fig.117/	1	
11	5543-0 /assy/	Installation of the release cocks /see Fig.125/	1	
12	5502-0 /assy/	Installation of the pneumatic system filling neck /see Fig.130-3/	1	
13				
	1			
		Is being installed on the aircrafts with Nos.starting from 6450205,0616101,530511901.		

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111

14	4162-0 /assy/	Control mechanism of the undercarriage up-position locks /see Fig.104/	1
15	5505-0 /assy/	Installation of the emergency bottle /see Fig.127-2/	1
16	AGREGAT 280b	Compressor AK-150 /finished product/	2
17	4810-0 /assy/	Engaging cylinder of the undercarriage main leg doors /see Fig.95/	2
18	1A520-6	Emergency change-over switch /see Fig.102,Book V/	2
19	4842-0-1;-2/assy/	Engaging cylinder of the undercarriage main leg doors /see Fig.101/	2
20	1A520-4	Emergency change-over switch /see Fig.102,Book V/	2
21	1A655-6-1,5 A	Air damper /see Fig.100,Book V/	2
22	5577-0 /assy/	Installation of the surge container /see Fig.138/	1
23	4180-0 /assy/	Lifting cylinder /jack/ of the undercarriage main legs /see Fig.92/	2
24	5560-0 ¹ /assy/	Air piping installation in the starboard engine nacelle /see Fig.137/	1
25	5565-0 /assy/ ¹	Installation of the panels with pneumatic system sets in the engine nacelle /see Fig.143/	2
26	4112-0 /assy/	Switching cylinder /see Fig.90/	2
27	5503-0-1;-2 /assy/	Blocking valve type I /see Fig.142/	2

¹ Is being installed on the aircrafts with Nos.starting from 6450205,0616101,530511901.

¹ Is being installed on the aircrafts with Nos.starting from 6450704.

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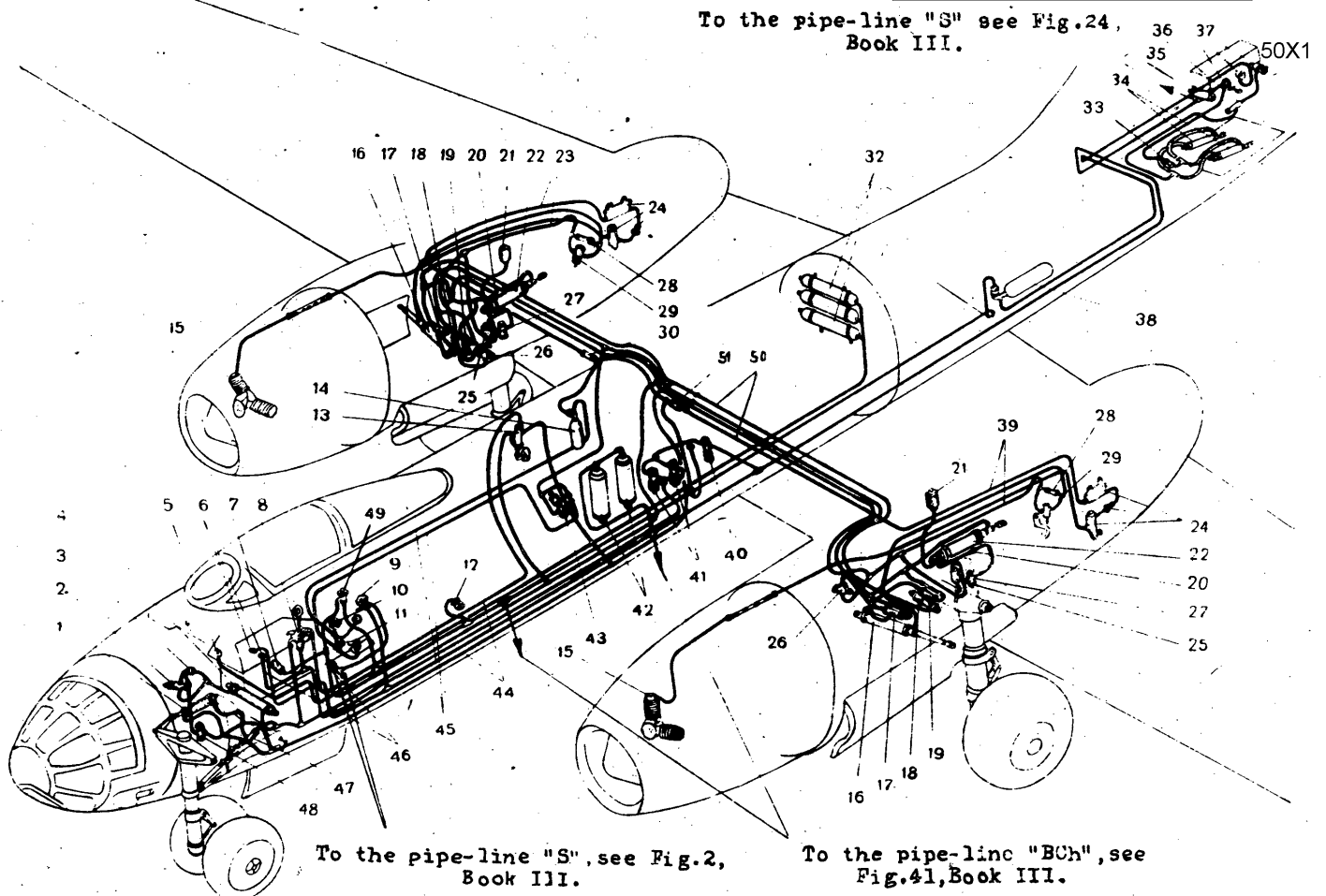


Fig.111. Pneumatic system on the aircrafts with Nos.starting from 6450205,

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111	28	4114-0 /assy/	Blocking valve type II /see Fig.89/	2		
	29	5572-0 /assy/	Non-return valve /see Fig.139/	2		
	30	5574-0 /assy/	Blocking valve type II /see Fig.141/	2		
	31	II-646-6-5	Non-return valve /see Fig.101,Book V/	2		
	32	5550-0 /assy/	Air piping installation inside the wing /see Fig.132/	1		
	33	5501-0 /assy/	Installation of the compressed air bottles /see Fig.128/	3		
	34	II-655-6-1,5A	Air damper /see Fig.100,Book V/	1		
	35	5581-0 /assy/	Engaging cylinder of the access door to the tail section cabin /see Fig.147/	2		
	36	5540-0 /assy/	Air piping installation in the tail section cabin /see Fig.147/	1		
	37	II-611-45-25	Pressure reducing valve /see Fig.99, Book V/	1		
	38	II-520-6	Emergency change-over switch /see Fig.102,Book V/	1		
	39	7803-0 /assy/	Right-hand panel of the gunner /see Fig.118-1,Book V/	1		
	40	7803-50 /assy/	Installation of the tail access door emergency bottle /see Fig.130-3/	1		
	41	5560-0 /assy/	Air piping installation in the port engine nacelle /see Fig.146-1/	1		
	42	5546-0 /assy/	Installation of the pressure reducing valves of the undercarriage pneumatic system /see Fig.130-3/	2		
	43	5506-6 /assy/	Installation of the pressure reducing valve /see Fig.130-3/	1		
	44	5530-0 /assy/	Installation of the hydraulic accumulator /see Fig.154/	2		

	2					

Is being installed on the aircrafts with Nos.starting from 6450205.

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111							
	45	5504 /assy/	Installation of the pressure reducing valve of the emergency pneumatic system /see Fig.127-1/				
	46	5540-0 /assy/ ^R	Air piping installation on the star-board side of the fuselage /see Fig.127-1/	1			
	47	5540-0 /assy/ ^R	Air piping installation on the port side of the fuselage /see Fig.130-1/	1			
	48	5540-0 /assy/ ^R	Air piping installation in the pilot's cockpit /see Fig.116-1/	1			
	49	4242-0 /assy/	Switching cylinder of the lock securing the folding strut of the nose leg /see Fig.77/	1			
	50	5508-0 /assy/	Air piping installation in the nose leg section /see Fig.112-1/	1			
	51	5503-0-3 /assy/	Blocking valve type I /see Fig.142/	1			
112-1		5508-0 /assy/	Air piping installation in the nose leg section. -----				
	1	5508-0-B-111	Pipe	1	86	Steel 20A T6x4, 1 = 480	
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12		
		5500-1-1	Label 50x30	1			
	2						MC50-1 NO,5
			Is being installed on the aircrafts with Nos. starting from 6450205.				

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112-1						50X1
		5508-0-6	Seal	1	2	AMrM T6x4 1 = 6
2		5508-1	Throttle elbow 14x28x28	1	30	Steel 45 hot stamp.
3		M611-55-25-10	Pressure reducing valve /see Fig.99, Book V/	1	650	
4		5508-2-1	Three-way union 11x32x29	1	30	Steel 45 hot stamp.
5		M646-4-b	Non-return valve /see Fig.101,Book V/	1	250	
6		5508-0-B113	Pipe	1	50	Steel 20A T6x4,1-190
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5500-1-1	Label 50x30	1		MC59-1 #0,5
		5508-0-6	Seal	1	2	AMrM T6x4 1 = 6
7		5508-0-B112	Pipe	1	45	Steel 20A T6x4,1-170
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5500-1-1	Label 50x30	1		MC59-1 #0,5
		5508-0-6	Seal	1	2	AMrM T6x4 1 = 6
8		4 Steel 45 stand. 562-41	Three-way union /see Fig.57-1,Book V/	1	26	
9		5508-0-B114	Pipe	1	110	Steel 20A T6x4,1-710
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5500-1-1	Label	1		MC59-1 #0,5

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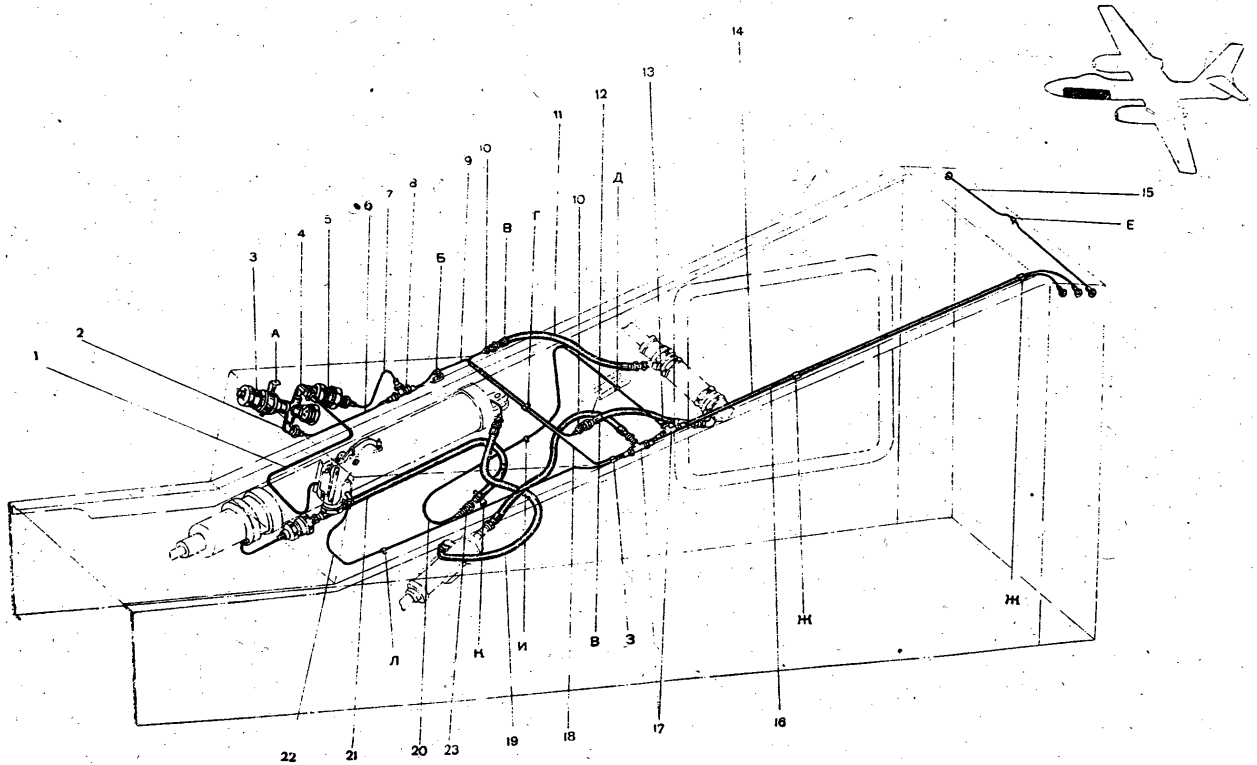


Fig.112-1. Piping installation in the nose leg section.

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112-1							50X1
		5508-0-6	Seal	1	2		AMrM T6x4 1 = 6
10		4 steel 45 stand. 553-41					
11		MI#103-4-3301, No.19	Union body /see Fig.57-1,Book V/	2	20		
		5508-0-8	Flexible hose /see Fig.57-1,Book V/ Sheathing material 500x300	1 1	100 12		Leathere- tte "B" stand.. 4018-48 Black No8
12		5508-0-9 MI#1034-6-6001; No.16	Threads	1			
		5508-0-8	Flexible hose /see Fig.87,Book V/ Sheathing material 500x550	1 1	205 12		Leathere- tte "B" stand.. 4818-48 Black No8
13		5508-0-9 MI#1034-4-3301; No.20	Threads				
		5508-0-8	Flexible hose /see Fig.87,Book V/ Sheathing material 500x300	1 1	100 12		Leathere- tte "B" stand.. 4018-48 Black No8
14		5508-0-9 5508-0-B118	Threads Pipe	1	75		AMrM T6x6 1 = 830
		5508-0-B118	Pipe	1	133		Steel 20A T8x6, 1=830
		6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/	2	3		
		5500-1 1	Cap nut /see Fig.57-2,Book V/ Label	2 1	12		
		5508-0-6	Seal	1	2		MC59-1 NO,5 AMrM T6x4 1 = 6

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112-1	15	5508-O-B110	Pipe	1	75	50X1 AMrM T8x6 1 = 35
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5500-1-1	Label 50x30	1		C59-1 O,5
		5508-O-6	Seal	1	2	AMrM T6x4 1 = 6
	16	5508-O-B117	Pipe	1	76	AMrM T8x6 1 = 830
		5508-O-B117	Pipe	1	150	Steel 20A T8x6, 1=850
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5500-O-1-1	Label 50x30	1		JOC59-1 JOC,5
		5508-O-6	Seal	1	2	AMrM T6x4 1 = 6
	17	5508-3	Three-way union 14x3044	2	38	Steel 45 not stamp.
	18	5508-O-B115	Pipe	1	112	Steel 20A T6x4, 1=910
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		4 Steel 45 stand.	Cap nut /see Fig.57-2,Book V/	2	12	
		5500-1-1	Label 50x50	1		C59-1 JOC,5
		5508-O-6	Seal	1	2	AMrM T6x4 1 = 6
	19	1111034-6-5001 No 17	Flexible hose /see Fig.87,Book V/	1	222	Leathere- tte "B"
		5508-O-8	Sheathing material 60x450	1	12	stand 4018- 48

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112-1	20	5508-0-9- 5508-0-B-116 5508-0-R116	Threads Pipe Pipe	1 1	110 260	50X1 Black No. 8 AMM T8x6 1 = 1270 Steel 20A 78x6, 1 = 1270
		6 stand 568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Label 50x30	2 2 1	3 12	
		5500-1-1 5508-0-6	Seal	1	2	NC59-1 NO,5 AMM T6x4 1 = 6
	21	II 1034-6-4501 No 18 5508-0-8	Flexible hose /see Fig.87,Book V/ Sheathing material 60x400	1 1	165 12	Leathere- tte "B" stand. 4018-48 Blacked No8 Steel 20A T6x4, 1 = 480
	22	5508-0-9- 5508-0-B-110	Threads Pipe	1	135	
		4 stand. 568-41 4 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Label 50x30	2 2 1	3 12	
		5500-1-1 5508-0-6	Seal	1	2	NC59-1 NO,5 AMM T6x4 1 = 6
	23	6 Steel 45 stand. 553-41	Union body /see Fig.57-1,Book V/	1	26	

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112-2		Air piping installation in the nose leg section			50X1
Assemb- ly A	II 307-4-12	Rivet /see Fig.54,Book V/	2		
23	5508-40	Band fastener 28x60x90	1	66	
24	5508-0-5	Sealing strip 20x25	1		
	130705-36	Bolt /see Fig.52-2,Book V/	1	5	YIII 50,8
	140005	Nut /see Fig.53,Book V/	1	1	
	15A5	Spring washer /see Fig.55,Book V/	1		
Assemb- ly B	602103	Band fastener /see Fig.60-2,Book V/	1	3	A16F IIP
25	5508-0-4	Angle /see Fig.82-4,Book V/	1		100-3 1-25
26	II 307-4-12	Rivet /see Fig.54,Book V/	1		
27	131505-12	Bolt /see Fig.52-1,Book V/	1	2	
	140005	Nut /see Fig.53,Book V/	1	1	
	15A5	Spring washer /see Fig.55,Book V/	1		
Assemb- ly C	II 307-4-12	Rivet /see Fig.54,Book V/	4		
28	5508-20	Band fastener 22x42x12	2	35	
	130705-30	Bolt /see Fig.52-2,Book V/	2	4	
	140005	Nut /see Fig.53,Book V/	2	1	
	15A5	Spring washer /see Fig.55,Book V/	2		
	5508-0-6	Sealing strip 20x25			YIII 50,8
Assemb- ly D	602103	Band fastener /see Fig.60-2,Book V/	2	3	
29	131505-14	Bolt /see Fig.52-1,Book V/	1	2	
	140005	Nut /see Fig.53,Book V/	1	1	
	15A5	Spring washer /see Fig.55,Book V/	1		
Assemb- ly E	5508-0-4	Angle /see Fig.82-4,Book V/	1	3	A16F IIP 100-3 1-25

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						50X1
112-2		1315C5-12	Bolt /see Fig.52-1,Book V/	1	2	
		1400C5	Nut /see Fig.53,Book V/	1	1	
		15A5	Spring washer /see Fig.55,Book V/	1		
		6021C4	Band fastener /see Fig.60-2,Book V/	1	4	
	31	852A3-8	Rivet /see Fig.54,Book V/	2		
	Assemb-					
	ly F	1315C5-12	Bolt /see Fig.52-1,Book V/	1	3	
		1400C5	Nut /see Fig.53,Book V/	1	1	
		15A5	Spring washer /see Fig.55,Book V/	1		
		6021C4	Band fastener /see Fig.62-2,Book V/	1	4	
	Assemb-					
	ly G	1315C5-14	Bolt /see Fig.52-1,Book V/	2	2	
		1400C5	Nut /see Fig.53,Book V/	2	1	
		15A5	Spring washer /see Fig.55,Book V/	2		
		6021C4	Band fastener /see Fig.60-2,Book V/	4	4	
		5508-0-7	Angle	2		
	Assemb-					
	ly H	LN307-4-12	Rivet /see Fig.82-4,Book V/	2		
		6021C3	Band fastener /see Fig.60-2,Book V/	2	3	
		5508-0-4	Angle /see Fig.82-4,Book V/	1	3	
	Assemb-					
	ly I	1315C5-14	Bolt /see Fig.52-1,Book V/	1	2	
		1400C5	Nut /see Fig.53,Book V/	1	1	
		6021C4	Band fastener /see Fig.60-2,Book V/	1	4	
	Assemb-					
	ly K	LN307-4-12	Rivet /see Fig.54,Book V/	2		
		5508-30	Band fastener 22x31x55 /welded/	1	40	
		1307C5-28	Bolt /see Fig.52-2,Book V/	1	1	
		15A5	Spring washer /see Fig.54,Book V/	1		
	Assemb-					
	ly L	LN307-4-12	Rivet /see Fig.54,Book V/	2		
		6021C3	Band fastener /see Fig.62-2,Book V/	1	3	

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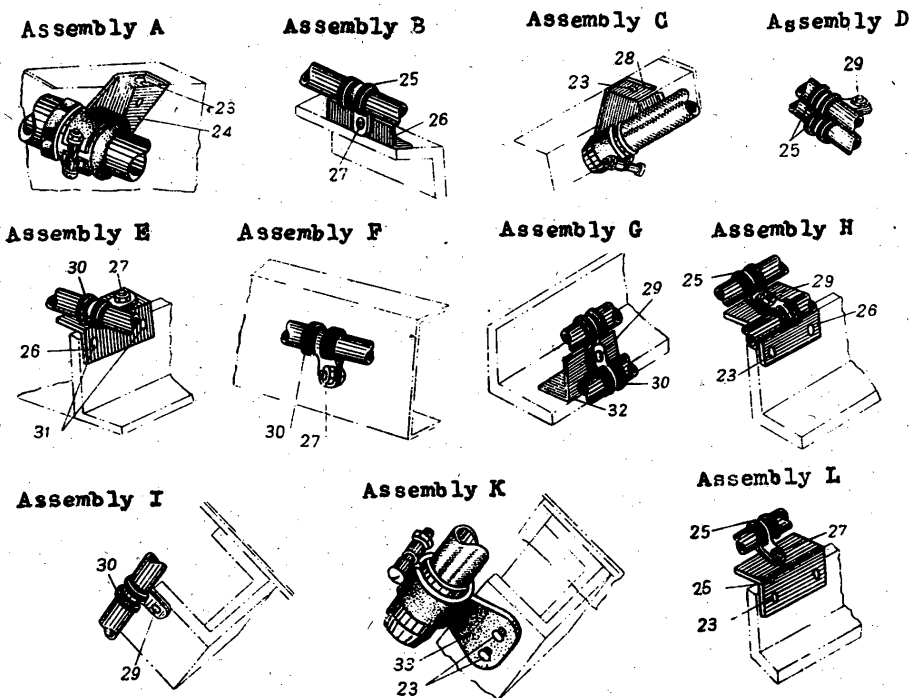


Fig.112-2. Installation assemblies of the air piping in the nose leg section.

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				50X1	
112-2	5508-C-4	Angle /see Fig.82-4,Book V/	1	3	A16T IIP 100-3 1 = 25
	1115C5-12	Bolt /see Fig.52-4,Book V/	1	2	
	1400C5	Nut /see Fig.53,Book V/	1	1	
	15A5	Spring washer /see Fig.55,Book V/	1		
113	5540-0 ¹ /assy/	Air piping installation in pilot's cockpit	1	12,451 kg	
1	5540-33-2	Flanged elbow 28x42x68 /see Assembly G/	1	70	Steel 45 hot stamp.
	IM699-6	Washer /see Fig.55,Book V/	1	12	
	234A1,5-14-22	Washer /see Fig.55,Book V/	1	1	
	6 Steel 45 stand.				
	570-41	Safety nut /see Fig.57-1,Book V/	1	14	
2	5540-33-1	Flanged elbow 28x48x68 /see Assembly G/	3	75	Steel 45 hot stamp.
	IM699-6	Washer /see Fig.55,Book V/	3	12	
	234A1,5-14-22	Washer /see Fig.55,Book V/	3	1	
	6 Steel 45 stand.				
	570-41	Safety nut /see Fig.57-1,Book V/	3	14	
3	13 Steel 45				
	IM6945	Flanged elbow /see Assembly M/	2	126	
	IM699-13	Washer /see Fig.55,Book V/	2	25	
	234A1,5-22-34	Washer /see Fig.55,Book V/	2	1,5	
	13 Steel 45				
	570-41	Safety nut /see Fig.57-1,Book V/	2	33	
4	IM697-4	Flanged union body /see Fig.106,B.V/	4	43	
5	5540-0-B230	Pipe	1	30	AMr T6x8, 1 = 350.
	6 stand 568-41	Nipple /see Fig.57-1,Book V/	2	3	

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	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Label 50x30	2	15		
	5500-2-1		2		NC59-1 JO,5	
	5540-0-7	Seal	2	2	AMRM T6x4 l = 6	
6	6-4 Steel 45 stand.565-41	Three-way union /see Fig.57-1,Book V/ Pipe	2	14		
7	5540-0-B123 ¹		1	19	AMRM T8x6 l = 235	
	6 stand.568-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Seal	2	3		
	6 Steel 45 stand. 569-41		2	12		
	5540-0-7		2	2	AMRM T6x4 l = 6	
	5500-2-1	Label 50x30	2		NC59-1 JO,5	
8	5540-0-B12III ¹	Pipe	1	82	Steel 20A T6x4, l=5	
	4 stand.568-41	Nipple /see Fig.57-1/ Cap nut /see Fig.57-2/ Seal 50x30	2	2,5		
	4 Steel 45 stand. 569-41		2	12	Standard AMRM T6x4 l = 6	
	5540-0-7		2	2		
	5500-2-1	Label 50x30	2		NC59-1 JO,5	
9	IT#697-6	Flanged union body /see Fig.106/ Flanged union body /see Fig.106/ Washer /see Fig.55/ Pipe	11	89		
10	IT#697-10		5	35		
11	IT#699-6		4	12		
12	5540-0-B229		1	148	AMRM T8x6 l=1400	
	6 stand.568-41	Nipple /see Fig.57-1/ Cap nut /see Fig.57-2/ Seal 50x30	2	3		
	6 Steel 45 stand. 569-41		2	12		

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113	5540-0-7	Seal	2	2	AMrM T6x4 l=6
	5500-2-1	Label 50x30	2		JC59-1 JO,5
13	5540-0-B231 ¹	Pipe	1	143	Steel 20 T6x4, l=1000
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5540-0-7	Seal	2	2	AMrM T6x4 l=6
	5500-2-1	Label 50x30	2		J59-1 JO,5
14	5540-0-1134 ¹	Pipe	1	105	AMrM T12x 10, l=930
	10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	51	
	10 Steel 45 stand 569-41	Cap nut /see Fig.57-2,Book,V/	2	22	
	5540-0-7	Seal	2	2	AMrM T6x4 l=6
	5500-2-1	Label 50x30	2		J59-1 JO,5
15	5540-0-T-133	Pipe	1	137	AMrM T15x 13, l=1015
	13 stand.568-41	Nipple /see Fig.57-1,Book V/	2	7	
	B13 Steel 45 stand.569-41	Cap nut /see Fig.57-2,Book V/	2	35	
	5540-0-7	Seal	2	2	AMrM T6x4 l=6
	5500-2-1	Label 80x30	2		JC59-1 JO,5
	¹ Is being installed on the aircrafts with Nos.starting from 6450001,0016601,30500101 up to 6450204,30501810,0516605.				

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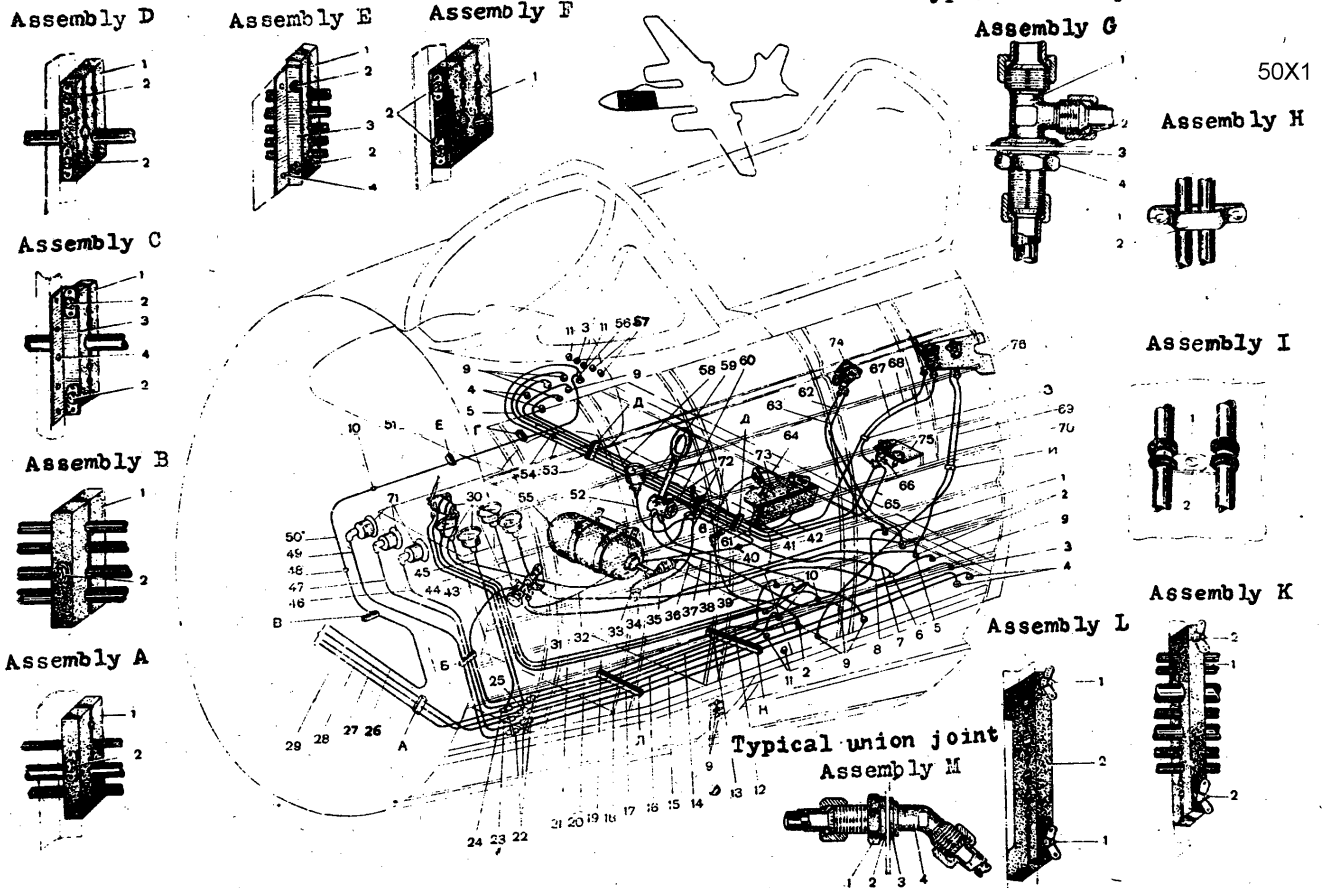


Fig.113. Air piping installation in pilot's cockpit as being installed on the aircrafts with Nos.starting from 6450001,30500101,0016601 up to 6510204,30501810,0516605.

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113	16	5540-0-I-135	Pipe	1	94	AMrM TL50x1 x10 l=750
		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
		10 stand.569-41	Cap nut /see Fig.57-2,Book V/	2	22	
		5540-0-7	Seal	2	2	AMrM T6x4 l=6
		5500-2-1	Label 50x30	2		NC59-1 NO,5
	17	5540-0-170	Pipe	1	193	Steel 20A T6x4, l=1570
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5540-0-7	Seal	2	2	AMrM T6x4 l=6
		5500-2-1	Label 50x30	2		NC59-1 NO,5
	18	5540-0-I69	Pipe	1	63	Steel 20 T6x4, l=570
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5540-0-7	Seal	2	2	AMrM T6x 4, l=6
		5500-2-1	Label 50x30	2		NC59-1 NO,5
	19	5540-0-I61	Pipe	1	84	AMrM T12x 10, l=900
		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
		10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	22	
		5540-0-7	Seal	2	2	AMrM T6x l=6
		5500-2-1	Label 50x30	2		NC59-1 NO,5

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113	20	5540-0-160	Pipe	1	110	AMrM T12x50x1 10, l=1150
		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
		10 Steel 45 stand.				
		569-41	Cap nut /see Fig.57-2,Book V/	2	22	
		5540-0-7	Seal	2	2	AMrII T6x 4, l=6
		5500-2-1	Label 50x30	2		JC59-1 NO,5
	21	5540-0-T 58	Pipe	1	104	AMrM T12x 4, l= 1100
		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
		10 Steel 45 stand.				
		569-41	Cap nut /see Fig.57-2,Book V/	2	22	
		5540-0-7	Seal	2	2	AMrII T6x 4, l= 6
		5500-2-1	Label 50x30	2		JC59-1 NO,5
	22	4 Steel stand				
		554-41	Union body /see Fig.57-1,Book V/	3	36	
		10 Steel 45 stand.				
		570-41	Safety nut /see Fig.57,Book V/	3	11	
		234A1,5-12-20	Washer /see Fig.55,Book V/	3	1	
	23	Steel 45 stand.				
		554-41	Union body /see Fig.57-1,Book V/	1	70	
		10 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	3	22	
		234A1,5-12-20	Washer /see Fig.55,Book V/	3	1	
	24	5540-14	Union body 30x47x80	1	100	Steel 45 hot stamp.
		10 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	1	22	
		234A1,5-18x28	Washer /see Fig.55,Book V/	1	1	
	25	5540-45	Three-way union 35x50x89	1	100	Steel 45 hot stamp.

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113	26	13 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	32		
		234A15-22-34 5540-O-I 63	Washer /see Fig.55,Book V/ Pipe	1 1	104	AMrM T12x 10,1=1100
27		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
		10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Seal	2 2	22	AMrM T6x 4, 1 = 4 OC59-1 10,5
		5540-O-7	Label 50x30	2		
		5500-2-1	Pipe	2		
28		5540-O-I 62	Pipe	1	157	AMrM T12x 10,1=1600
		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
		10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Seal	2 2	22	AMrM T6x 4, 1 = 6 OC59-1 10,5
		5540-O-7	Label 50x30	2		
29		5500-2-1	Pipe	1	199	AMrM T15x 13,1=1660
		5540-O-I 68	Pipe	1	7	
		13 stand.568-41 13 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Seal	2 2 2	35	AMrM T6x 4, 1 = 6 OC59-1 10,5
		5540-O-7	Label 80x30	2		
29		5500-2-2	Pipe	1	150	AMrM T12x 10,1=1670
		5540-O-I 64	Pipe	1	5	
		10 stand.568-41 10 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/	2 2	22	

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113	5540-0-7	Seal	2		AMrII T6x 1 = 6
	5500-2-1	Label 50x30	2		JC59-1 NO,5
30	5510-0 /assy/	Panel with pressure gauges /see Fig.114/	1	1159	
31	5512-0 /assy/	Landing flaps control cock /see Fig.150/	1	1342	
	5540-0-I 66	Pipe	1	62	Steel 20A T6x4, l=500
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	25	
	4 steel 45 stand.				
	569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5540-0-7	Seal	2	2	AMrII T6x4 1 = 6
	5500-2-1	Label 50x30	2		JC59-1 NO,5
32	5540-0-B 180	Pipe	1	66	AMrM T8x6 1 = 1120
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel Stand.				
	569-41	Cap nut /see Fig.57-2,Book V/	2	15	
	5540-0-7	Seal	2	2	AMrII T6x 4, l= 6
	5500-2-1	Label 50x30	2		JC59-1 NO,5
33	5540-0-B95	Pipe	1	41	AMrM T8x6 1 = 590.
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel Stand.				
	569-41	Cap nut /see Fig.57-2,Book V/	2	15	
	5540-0-7	Seal	2	2	AMrII T6x 4, l= 6
	5500-2-1	Label 50x30	2		JC59-1 NO,5
34	6 Steel 45 stand.	Three-way union /see Fig.57-1,Book V/	1	41	
	562-41				

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113	35	5540-O-B66	Pipe	1	22	50X1 AMrM T8x6 l = 360
		6 Stand.568-41	Nipple /see Fig.57-1,Book V/	2	13	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	13	
		5540-O-7	Seal	2	2	
		5500-2-1	Label 50x30	2		AMrII T6x 4, l = 6 JC59-1 JO,5
	36	5540-O-B125	Pipe	1	36	AMrM T8x6 l = 600
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5540-O-7	Seal	2	2	AMrII T6x 4, l = 6 JC59-1 JO,5
		5500-2-1	Label	2		
	37	5540-O-B124	Pipe	1	28	AMrM T8x6 l = 450
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
6 Steel 45 stand. 569-41		Cap nut /see Fig.57-2,Book V/	2	12		
5540-O-7		Seal	2	2	AMrII T6x 4, l = 6 JC59-1 JO,5	
	5500-2-1	Label 50x30	2			
38	5540-O-B122	Pipe	1	30	AMrM T8x 6, l = 470	
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12		
	5540-O-7	Seal	2	2	AMrII T6x 4, l = 6	

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	5500-2-1	Label 50x30	2					50X1
39	5540-0-B183	Pipe	1	31				JC59-1 J0,5 AMrM T8x6 1 = 500
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3				
	6 Steel 45 569-41	Cap nut /see Fig.57-2,Book V/	2	12				
	5540-0-7	Seal	2	2				AMrII T6x 4, 1 = 6
	5500-2-1	Label 50x30	2					JC59-1 J0,5
40	4 Steel 45 stand. 553-41	Union body /see Fig.57-1,Book V/	1	20				
41	5540-0-B175	Pipe	1	15				AMrM T8x6 1 = 240
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3				
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12				
	5540-0-7	Seal	2	2				AMrII T6x 1 = 6
	5500-2-1	Label 50x30	2					JC59-1 J0,5
42	5540-0-B214	Pipe	1	50				AMrM T6x4 1 = 1150
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5				
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12				
	5540-0-7	Seal	2	2				AMrII T6x 4, 1 = 6
	5500-2-1	Label 50x30	2					JC59-1 J0,5
43	5540-0-B182	Pipe	1	82				Steel 20 T6x4 1=670
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5				

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	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12			
	5540-0-7	Seal	2	2		AMrII T6x	
	5500-2-1	Label 50x30	2			4, l=6	
44	5540-0-T 59	Pipe	1	70		NC59-1	
	10 stand.568-41	Nipple /see Fig.57-1, Book V/	2	5		NO,5	
	10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	22		AMrII T12x	
	5540-0-7	Seal	2	2		10, l=750	
	5500-2-1	Label 50x30	2			AMrII T6x	
45	5540-0-T 67	Pipe	1	74		4, l=6	
	4 stand.568-41	Nipple /see Fig.57-1, Book V/	2	2,5		NC59-1	
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12		NO,5	
	5540-0-7	Seal	2	2		Steel 20	
	5500-2-1	Label 50x30	2			T6x4, l=	
46	5540-0-E20	Pipe	1	213		600	
	4 stand 568-41	Nipple /see Fig.57-1, Book V/	2	2,5		AMrII T6x	
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12		4, l=6	
	5540-0-7	Seal	2	2		NC59-1	
	5500-2-1	Label 50x30	2			NO,5	
	4 stand 568-41	Nipple /see Fig.57-1, Book V/	2	2,5		Steel 20	
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12		T6x4, l=	
	5540-0-7	Seal	2	2		1750	
	5500-2-1	Label 50x30	2			AMrII T6x	
						4, l=6	
						NC59-1	
						NO,5	

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113	47	5540-0-I 138	Pipe	1	135	Steel 20 T6x4, l=1200
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5540-0-7	Seal	2	2	AMrII T6 x4, l=6 JC59-1 J0,5
		5500-2-1	Label 50x30	2		
	48	10 Steel 45 stand. 553-41	Union body /see Fig.57-1,Book V/	2	41	
	49	5540-0-I 39	Pipe	1	151	Steel 20 T6x4, l=1230
		4 stand. 568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
		4 Steel 45 stand. 569-41	Can nut /see Fig.57-2,Book V/	2	12	
		5540-0-7	Seal	2	2	AMrII T6 x4, l= 6 JC59-1 J0,5
		5500-2-1	Label 50x30	2		
	50	5540-0-I 136	Pipe	1	75	AMrM T12 x10,l=800
		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
		10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	22	
		5540-0-7	Seal	2	2	AMrII T6 x4, l= 6 JC59-1 J0,5
		5500-2-1	Label 50x30	2		
	51	5540-0-I 137	Pipe	1	77	AMrM T12 x10,l=800

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113		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	50X1
		10 Steel 45 stand.				
		569-41	Cap nut /see Fig.57-2,Book V/	2	22	
		5540-0-7	Seal	2	2	AMrII T6x4 l = 6
		5500-2-1	Label 50x30	2		NC59-1 NO,5
52		5540-0-0B96 ¹	Pipe	1	22	AMrM T6x4 l = 115
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
		4 Steel 45 stand.				
		569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5540-0-7	Seal	2	2	AMrII T6x l = 6
		5500-2-1	Label 50x30	2		NC59-1 NO,5
53		5540-0-I 65	Pipe	1	246	Steel 20 T6x4, l = 200
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
		4 Steel 45 stand.				
		569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5540-0-7	Seal	2	2	AMrII T6x l = 6
		5500-2-1	Label 50x30	2		NC59-1 NO,5
54		6 Steel 45 stand.				
		553-41	Union body /see Fig.57-1,Book V/	1	26	
55		5541-0 /assy/	Installation of the emergency bottle of the brakes /see Fig.116-3/	1	5110	Steel 45
56		5540-14	Elbow 30x31x80 /see Assembly G/	1	100	hot stamp.
		II 699-10	Washer /see Fig.55,Book V/	1	15	
		234A1,5-1-28	Washer /see Fig.55,Book V/	1	1	
		10 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	1	19	

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57	6 Steel 45 IN945 LN699-6 234A1,5-14-22 6 Steel 45 stand. 570-41	Flanged elbow /see Assembly M/ Washer /see Fig.55,Book V/ Washer /see Fig.55,Book V/ Safety nut /see Fig.57-1,Book V/	2 2 2 2	52 12 1 14	50X1
58	5540-0-B184 6 stand.568-41 6 Steel 45 Stand. 569-41 5540-0-7 5500-2-1	Pipe Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Seal Label 50x30	1 2 2 2 2	108 3 15 2	AMrM T8x6 1 = 1800
59	5540-0-B131 6 stand.568-41 6 Steel 45 stand. 569-41 5540-0-7 5500-2-1	Pipe Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Seal Label 50x30	1 2 2 2 2	80 3 15 2	AMrII T6x 4, l=6 AC59-1 NO,5 AMrM T8x6 1 = 1330
60	5540-0-B132 6 stand.568-41 6 Steel 45 stand. 569-41 5540-0-7 550-2-1	Pipe Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-1,Book V/ Seal Label 50x30	1 2 2 2 2	47 3 15 2	AMrM T8x6 1 = 800
61	6 Steel 45 stand. 562-41	Three-way union /see Fig.57-1,Book V/	1	41	AMrII T6x 4, l=6 AC59-1 NO,5

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62	5540-O-B128	Pipe	1	35	AMrM T8x6	50X1		
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	l= 570			
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	15				
	5540-O-7	Seal	2	2	AMrII T6x			
	5500-2-1	Label 50x30	2		4, l= 6			
63	5540-O-B129	Pipe	1	35	JC59-1			
	6 Steel 45 stand. 568-41	Nipple /see Fig.57-1,V/	2	3	J0,5			
	6 stand.569-41	Cap nut /see Fig.57-2,Book V/	2	15	AMrM T8x6			
	5540-O-7	Seal	2	2	l =580			
	5500-2-1	Label 50x30	2		AMrII T6x			
64	5540-O-B213	Pipe	1	34	4, l= 6			
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	JC59-1			
	4 Steel stand.569- 41	Cap nut /see Fig.57-2,Book V/	2	12	J0,5			
	5540-O-7	Seal	2	2	Steel 20			
	5500-2-1	Label 50x30	2		T6x4l=280			
65	5540-O-B204	Pipe	1	31	AMrII T6x			
	6 stand.568-41	Nipple /see Fig57-1,Book V/	2	3	4, l= 6			
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	15	JC59-1			
	5540-O-7	Seal	2	2	J0,5			
					AMrM T8x6			
					l =500			
					AMrII T6x			
					4, l= 6			

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	5500-2-1	Label 50x50	2		JC59-1 50X1 70,5
66	5540-0-B179 ¹	Pipe	1	31	Steel 20A T6x4, l=260
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	15	
	5540-0-7	Seal	2	2	AMrII T6x4, l = 6
	5500-2-1	Label 50x30	2		JC59-1 70,5
67	5540-0-B130 ¹	Pipe	1	45	AMrM T8x6, l = 740
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	15	
	5540-0-7	Seal	2	2	AMrII T6x4 l = 6
	5500-2-1	Label 50x50	2		JC59-1 70,5
68	5540-0-B212	Pipe	1	56	AMrM T8x6, l = 940
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	15	
	5540-0-7	Seal	2	2	AMrII T6x4 l = 6
	5500-2-1	Label 50x30	2		JC59-1 70,5
69	5540-0-B126	Pipe	1	200	Steel 45 T6x6, l=1160
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,book V/	2	15	
	5540-0-7	Seal	2	2	AMrII T6x4, l=6

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113		5500-2-1	Label 50x30	2			50X1
	70	5540-0-B127	Pipe	1	53		AC59-1
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		NO,5
		6 Steel 45,stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	15		AMrM T8x6
		5540-0-7	Seal	2	2		l=870
		5500-2-1	Label 50x30	2			AMrII T6x4
	71	7701-0 /assy/	Installation of the pilot's instrument panel /see Fig.78-1,Book V/	1			l = 6
	72	5510-0 /assy/	Panel with air cocks /see Fig.114/	1	5984		AC59-1
	73	5543-0 /assy/	Installation of the release cocks /see Fig.125/	1	685		NO,5
	74	5518-0 /assy/	Installation of the compressed air bottles cocks /see Fig.116-3/	1	594		
	75	5516-0 /assy/	Installation of the undercarriage emergency cock /see Fig.118/	1	1300		
	76	5517-0 /assy/	Installation of the landing flaps emergency cock and of the arms re-loading cock /see Fig.117/	1	1396		
	Assembley A 1	5540-4	Pipe holding block 15x30x90	1	45		Textolite
	2	5540-60-8	Bolt /welded/ 11x30x45	1	15		
		234A1-6-14	Washer /see Fig.55,Book V/	1	2		
		1414C6	Butterfly nut /see Fig.53,Book V/	1	7		
		1640C3-8	Rivet /see Fig.54,Book V/	2	3		
	Assembley B 1	5540-71	Pipe holding block	1	40		Textolite
	2	1307C5-32	Bolt /see Fig.52-2,Book V/	1	6		
		234A1-5-12	Washer /see Fig.55,Book V/	1	2		
		15A5	Spring washer /see Fig.55,Book V/	1	1		

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113.	Assembley C 1	1400C5	Nut /see Fig.53,Book V/	1	2,5	50X1
	2	5540-9	Pipe holding block 15x28x66	1	51	Textolite
		5540-50-5	Bolt /welded/ 11x30x43	2	45	
		234A1-5-12	Washer /see Fig.55,Book V/	2	2	
		15A5	Spring washer /see Fig.55,Book V/	2	1	
	3	1400C5	Nut /see Fig.53,Book V/	2	2,5	
	4	5540-0-5	Angle /see Fig.82-4,Book V/	1	15	ALT Hip 100
	4	852A4-10	Rivet /see Fig.54,Book V/	5	3	-6, l=95
	Assembley D 1	5540-13	Pipe holding block 15x48x101	1	50	Textolite
	2	5540-50-4	Bolt 11x30x63 /welded/	2	14	
		234A1-5-12	Washer /see Fig.55,Book V/	2	2	
		15A5	Spring washer /see Fig.55,Book V/	2	1	
		1414C5	Butterfly nut /see Fig.53,Book V/	2	4	
	Assembley E 1	5540-36	Pipe holding block 15x26x96	2	41	Textolite
	2	1301C5-34	Bolt /see Fig.52-2,Book V/	2	6,5	
		1400C5	Nut /see Fig.53,Book V/	2	1,5	
		15A5	Spring washer /see Fig.55,Book V/	2	1	
	3	5540-0-5	Angle /see Fig.82-4,Book V/	1	15	ALT Hip 100
	4	851A3.5-8	Rivet /see Fig.54/	2	3	-6, l=95
	Assembley F 1	5540-11	Pipe holding block 15x65x102	1	90	Textolite
	2	5540-50-3	Bolt 11x30x80 /welded/	2	16	
		234A1-5-10	Washer /see Fig.55,Book V/	2	2	
		15A5	Spring washer /see Fig.55,Book V/	2	1	
		1414C5	Butterfly nut /see Fig.53,Book V/	2	4	
	Assembley G 1	5540-33-2	Flanged elbow 28x42x68	1	70	Steel 45
		5540-33-1	Flanged elbow 28x42x68	3	75	hot stamp.
		5540-14	Flanged elbow 30x31x80	1	100	Steel 45
						hot stamp.

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Assemb-ly H	1	1315C5-10	Bolt /see Fig.52-1,Book V/	2	1	
		1400C5	Nut /see Fig.53,Book V/	2	2,5	
		15A5	Spring washer /see Fig.55,Book V/	2	1	
	2	6021C4	Band fastener /see Fig.60-2,Book V/	1	4	
Assemb-ly I	1	6021C4	Band fastener /see Fig.60-2,Book V/	1	4	
	2	1315C5-14	Bolt /see Fig.52-1,Book V/	1	1	
		1400C5	Nut /see Fig.53,Book V/	1	2,5	
		15A5	Spring washer /see Fig.55,Book V/	1	1	
		234A1,5-18-28	Washer /see Fig.55,Book V/	1	1	
		234A1,5-14-22	Washer /see Fig.55,Book V/	1	1	
	3	IL699-6	Washer /see Fig.55,Book V/	4	12	
		IL699-10	Washer /see Fig.55,Book V/	1	20	
	4	10 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	1	19	
		6 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	4	14	
Assemb-ly K	1	5540-12	Pipe holding block 15x32x184	1	72	Textolite
	2	5540-50-2	Bolt 11x30x50 /welded/	2	11	
		234A1-5-12	Washer /see Fig.55,Book V/	2		
		15A5	Spring washer /see Fig.55,Book V/	2		
		1414C5	Butterfly nut /see Fig.53,Book V/	2	4	
Assemb-ly L	1	5540-50-6	Bolt 11x30x73 /welded/	2	14	
		234A1-5-12	Washer /see Fig.55,Book V/	2	2	
		15A5	Spring washer /see Fig.55,Book V/	2	1	
		1414C5	Butterfly nut /see Fig.53,Book V/	2	4	
	2	5540-8	Pipe holding block 15x28x67	1	102	Textolite
Assemb-ly M	1	6 Steel stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	2	14	
		13 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	2	33	

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113	2	II 699-6	Washer /see Fig.55,Book V/	2	12	50X1
		II 699-13	Washer /see Fig.55,Book V/	2	25	
	3	234A1,5-14-22	Washer /see Fig.55,Book V/	2	1	
		234A1,5-22-34	Washer /see Fig.55,Book V/	2	1,5	
	4	6 Steel 45 stand 945	Flanged elbow /see Fig.57-2,Book V/	2	52	
		13 Steel 45 II 945	Flanged elbow /see Fig.57-2,Book V/	2	126	
114		5510-0 /assy ¹	Panel with air cocks and pressure gauges.	1	3697	
	1	5510-0-1	Panel 307x500x3	1	655	MA 1
	2	6-22 Steel 45 stand.555-41	Elbow /see Fig.57-1,Book V/	2	25	
	3	II 611-150-20-10	Pressure reducing valve /see Fig.99, Book V/	1	690	
	4	II 980	Support bracket /see Fig.72,Book V/	1	60	
		130406-40	Bolt /see Fig.52-2,Book V/	1	15	
		140006	Nut /see Fig.53,Book V/	1	3	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
	5	130406-18	Bolt /see Fig.52-2,Book V/	2	7	
		140003	Nut /see Fig.53,Book V/	2	3	
		234A1-6-14	Washer /see Fig.55,Book V/	2	1	
	6	131805-10	Screw /see Fig.52-1,Book V/	5	3	
		140005	Nut /see Fig.53,Book V/	5	3	
		235A1-5-10	Washer /see Fig.55,Book V/	5	1	
	7	131805-12	Screw /see Fig.52-1,Book V/	3	3	
		140005	Nut /see Fig.53,Book V/	3	2	
		234A1-5-10	Washer /see Fig.55,Book V/	3	1	
	8	5510-20-13	Label /instruction plate, 95x88x1	1	27	Δ16AM
	9	16400256	Rivet /see Fig.54,Book V/	8	2	
	10	131805-6	Screw /see Fig.52-1,Book V/	6	3	
	11	1				

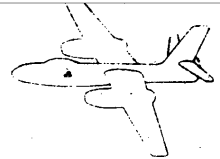
1 is being installed on the aircrafts with Nos.starting from 645001,0016601,
30500101 up to 6450204,0516605,30501810.

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114							
	11	MB250 with a fixing ring stand. 913-41 M1846-A 5510-0-B96	Compressed air pressure gauge /finished product/ Adapter /see Fig.54, Book V/ Pipe	1 1 1	200 29 14		50X1 Steel 20A T6x4; 1 = 115
		4 stand.568-41 4 Steel 45 stand. 559-41 5500-1-1	Nipple /see Fig.57-1, Book V/ Nut /see Fig.57-2, Book V/ Label 50x18	2 2 1	3 12 4		
	12	5550-0-2 5510-20-12	Locking wire Label /instruction plate 37x81x1	1 1	3		
	13	5514-0 /assy/	Emergency braking cock /see Fig.115/	1	521		
	14	5510-20-1	Label /instruction plate/ 90x30x1	1	7		
	15	131805-14 140005 234A1-5-10	Screw /see Fig.52-1, Book V/ Nut /see Fig.53, Book V/ Washer /see Fig.55, V Book/	3 3 3	3 3 1		
	16	5511-0 /assy/	Undercarriage cock /see Fig.124, Book V/	1	760		
	17	5510-20-5	Label /instruction plate/ 110x18x1	1	5		
	Assemb-ly A	5510-40 /assy/	Lever 79x100x40	1	224		
	18	5510-40-1 5510-40-2	Grip 100x40x80 Strip	1 1	180 4		A69 cast- ing Luminis- cent
		5510-41 M743-10-6-30A 129101-7-25 stand.3722-47	Socket 24x15x15 Bush /see Fig.56, Book V/ Spring /see Fig.61, Book V/ Ball /see Fig.59, Book V/	1 1 1 1	12 7 2 21		Steel 45
	19	130408-50-47 140608 234A1-8-16	Bolt /see Fig.52-2, Book V/ Nut /see Fig.53, Book V/ Washer /see Fig.55, Book V/	1 1 1	26 4 1		

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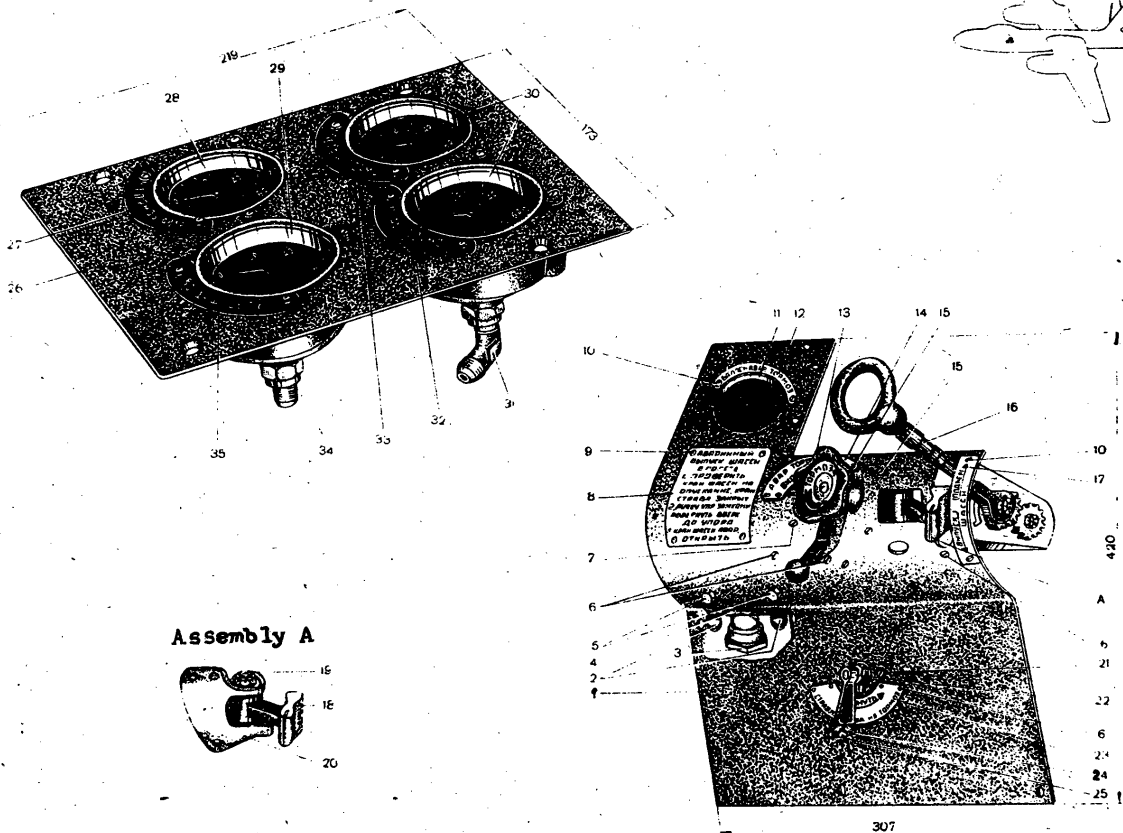


Fig.114. Panel with air cocks and pressure gauges being installed on the aircrafts with Nos. starting from 6450001,0016601,30500101 up to 6450204,0516605,30501810.

114						
20	2-25 stand.397-41 5510-6	Cotter pin /see Fig.110,Book V/ Support bracket 70x85x60	1 1	1 110	50X1 A99 cast- ing Steel 45	
	5510-8	Stop dog 26x14x14	2	4	Steel 45	
	1400C8	Nut /see Fig.53,Book V/	2	3		
	234A1-6-14	Washer /see Fig.55,Book V/	2	1	Steel 45	
	5510-7	Plate 30x58x1	1	8	Steel 20	
21	1318C4-4-12	Screw /see Fig.52-1,Book V/	2	2		
	1400C4	Nut /see Fig.53,Book V/	2	2		
	234A1-4-8	Washer /see Fig.55,Book V/	2	1		
22	I16637-60	Cock /see Fig.105,Book V/	1	130		
23	5810-20-2	Label /instruction plate/ 102x47x1	1	8	A16AM	
24	5510-0-2	Locking wire	1	2	Copper wire 0,8	
	5510-0-3	Seal		2	AMM T6x4 1 = 6	
25	5510-3	Securing 18x6x6	1	1	A16	
26	5515-0 /assy/ 5515-0-1	Panel with pressure gauges Panel 219x173x2,5	1 1	1159 120		
27	5510-20-10	Label /instruction plate/ 23x63x1	1	1	MA1M A16AM	
28	MV-60 with a fixing ring stand. 913-41	Pressure gauge /finished product/	1	200		
29	MV-100 with a fixing ring stand. 913-41	Pressure gauge /finished product/	1	200		
30	MG-100 with a fixing ring stand. 913-41	Pressure gauge /finished product/	2	200		
31	I16846-A	Adapter /see Fig.94,Book V/	2	38		
32	5510-20-7	Label /instruction plate/ 23x63x1	1	1	A16AM	
33	5510-20-8	Label /instruction plate/ 23x63x1	1	1	A16AM	
34	I16846-b	Adapter /see Fig.94,Book V/	2	26		
35	5510-20-9	Label /instruction plate/ 23x63x1	1	1	A16AM	

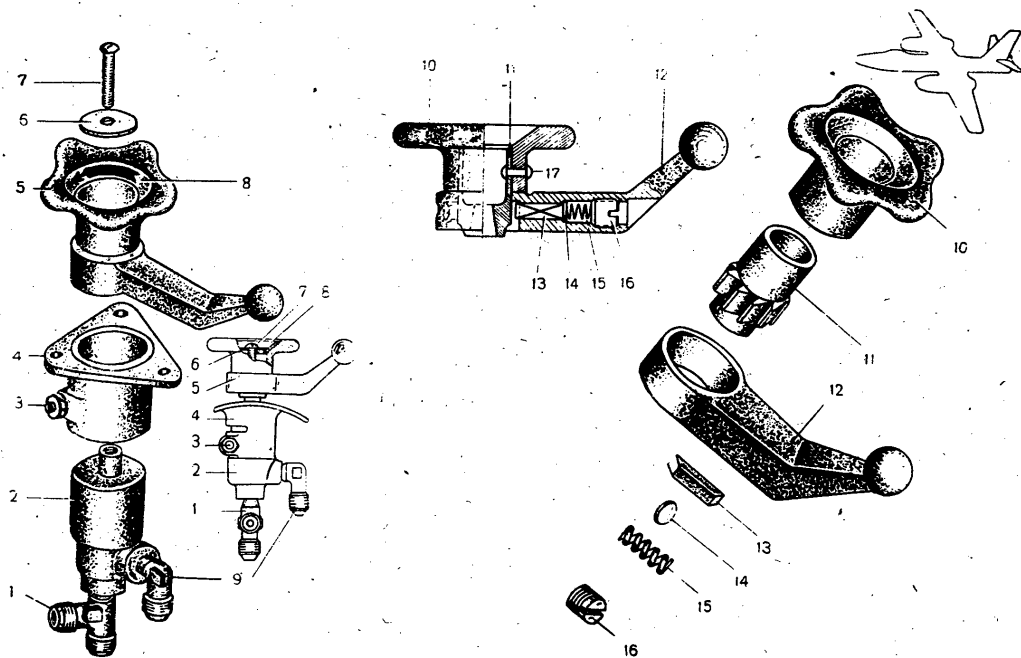
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115	5514-0 /assy/	<u>Cock of emergency braking</u>	1	521	50X1
1	5514-2	Three-way union 14x27x45	1	34	Steel 45
2	652200	Valve-type cock /finished product/	1	190	hot stamp.
3	130406-40	Bolt /see Fig.52-2,Book V/	1	41	
	234A1-6-14	Washer /see Fig.55,Book V/	1	1	
	140066	Nut /see Fig.53,Book V/	1	3	
4	5514-1	Flange 39x62x62	1	42	AN9 cast- ing
5	5514-10 /assy/	Star knob /see Assembly A/	1	200	
6	117977	Washer /see Fig.55,Book V/	1	4	
7	131505-38	Screw /see Fig.52-1,Book V/	1	5	
8	117491-10	Label /instruction plate/ /see Fig.111,Book V/	1	5	
9	6-22 Steel 45 stand 555-41	Elbow /see Fig.57-1,Book V/	1	25	
10	5514-11	Star knob 26x28x68	1	85	AN9 cast- ing
11	5514-13	Pinion bush 32x28x28	1	35	Steel 20 XICA
12	5514-12	Handle 33x43x100	1	65	AK6 hot stamp.
13	5514-14	Dog 6x6x17	1	5	30XICA
14	5A0,5-8	Washer /see Fig.55,Book V/	1		
15	129180,8-7-12	Spring /see Fig.61,Book V/	1	1	
16	5514-15	Screw 10x10x10	1	6	Steel 45
17	117307-4-12	Rivet /see Fig.54,Book V/	1		
116-1	5540-0 ¹	<u>Air piping installation in the pilot's cockpit</u>	1	23,111kg	
1	5540-0-169	Pipe	1	130	Steel 20A T6x4.1 1,055
		¹ Is being installed on the aircrafts with Nos.starting from 6450205,0616601,530511901.			

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Fig.115. Emergency braking cock being installed on the aircrafts with Nos.starting from 6450001,30500101,0016601 up to 6450204,30501810,0516605.

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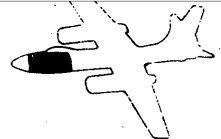
116-1	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	50X1
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	11	
2	1053A50	Seal /see Fig. 112,Book V/	2	1	AC59-1
	5500-2-1	Label 50x30	2	130	NO,5 Steel 20A T6x4, 1 = 1,060
3	5540-0-I70	Pipe	1	84	AC59-1
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	NO,5
4	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	11	AMrM T12x
	1053A50	Seal /see Fig.112,Book V/	2	1	10,1=930
5	5500-2-1	Label 50x30	2	22	
	5540-0-I134	Pipe	1	1	AC59-1
6	10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	4,9	NO,5
	10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	22	AMrM T15x
7	1053A50	Seal /see Fig.112,Book V/	2	1	13,1=1,015
	5500-22	Label 80x30	2	185	
8	5540-0-I133	Pipe	1	7,3	
	13 stand.568-41	Nipple /see Fig.57-1,Book V/	2	35	
9	13 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	1	AC59-1
	1053A50	Seal /see Fig.112,Book V/	2	57	NO,5
10	5500-2-2	Label 80x30	2	1	AMrM T8x
	5540-0-I61	Pipe	1	3	6,1=910
11	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	

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Item No.	Part No.	Description	QTY	UNIT	Notes
6	1053A50	Seal /see Fig.112,Book V/	2		50X1
	5500-2-1	Label 50x30	2	1	AC59-1
	5540-0-B125	Pipe	1	17	NO,5 AMRM T8x3 l= 275
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
7	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2		
	1053A50	Seal /see Fig.112,Book V/	2		
	5500-2-1	Label 50x30	2	1	AC59-1
	5540-0-I135	Pipe	1	71	NO,5 AMRM T12x 10,l=795
	10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	4,9	
8	10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book,V/	2	22	
	1053A50	Seal /see Fig.112,Book V/	2		
	5500-22	Label 80x30	2	1	AC59-1
	5540-0-I137	Pipe	1	74	NO,5 AMRM T12x 10,l=817
	10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	4,9	
	10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	22	
9	1053A50	Seal /see Fig.112,Book,V/	2		
	5500-2-2	Label 80x30	2	1	AC59-1
	5540-0-B231	Pipe	1	123	NO,5 Steel 20A T6x4, l= 1000
	4Stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	11	
	1053A50	Seal /see Fig.112,Book V/	2		
	5500-2-1	Label 50x30	2	1	AC59-1

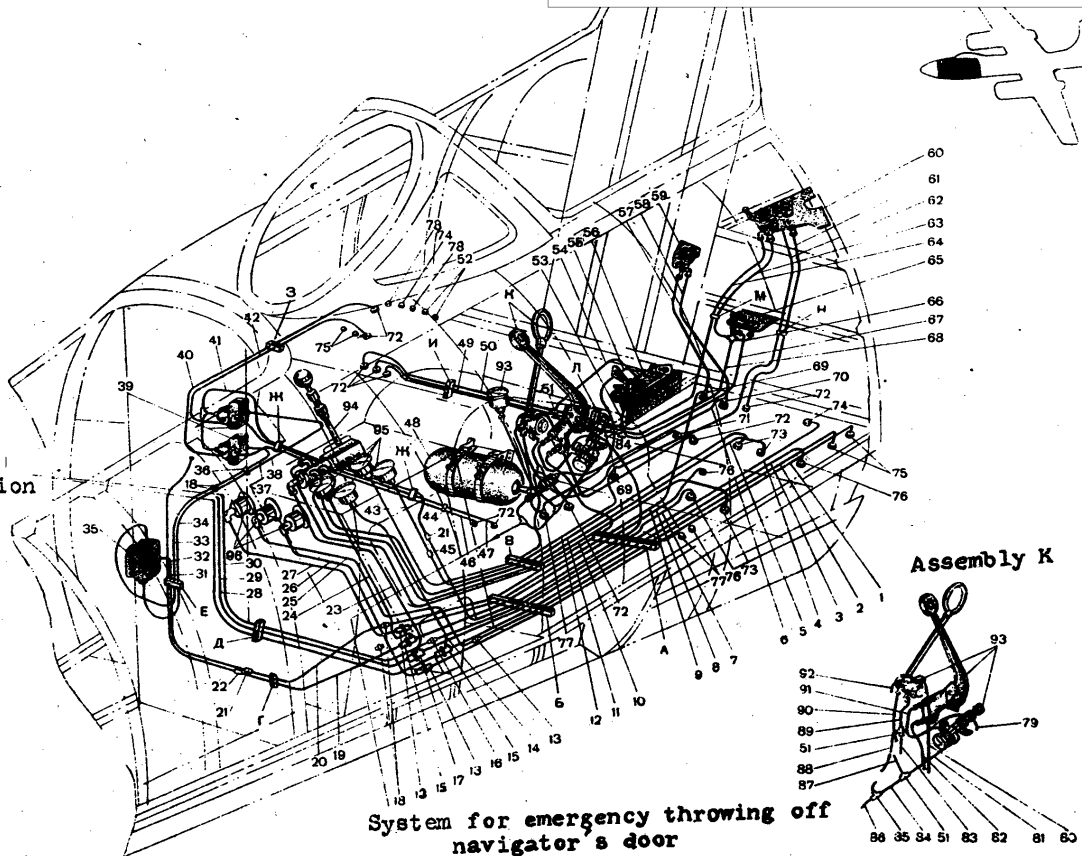
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Pedals installation
see Fig.178-1.



System for emergency throwing off
navigator's door

Fig.113-1. Air piping installation in pilot's cockpit being installed on the aircrafts with Nos. starting from 6450205, 0616601, 530511901.

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116-1	10	5540-O-I60	Pipe	1	57	AMRM 50X1. 1=985
		6 stand.568-41	Nipple /see Fig.57-2,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		1053A50	Seal /see Fig.112,Book V/	2		
		5500-2-1	Label 50x30	2		AC59-1
	11	5560-O-I58	Pipe	1	300	AO,5 AMRM T8x6 1=4,905
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		1053A50	Seal /see Fig.112,Book V/	2		
		5500-2-1	Label 50x30	2		AC59-1
	12	5540-O-B182	Pipe	1	73	AO,5
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	Steel 20A
		4 Steel 45 stand. 569-41	Cap nut /see Fig.112,Book V/	2	11	T6x4,1=590
		1053A50	Seal /see Fig.112,Book V/	2		
	5500-2-1	Label 50x30	2		AC59-1	
13	Steel 45 stand. 554-41	Flanged union body /see Assembly O/	3	36	AO,3	
	4 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	3	11		
	234A1,5-12-20	Washer /see Fig.55,Book V/	3	2,6		
14	5540-O-I67	Pipe	1	35	Steel 20A	
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	T6x4, 1= 275	
	4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	11		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2		AC59-1	
					AO,5	

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116-1	15	5540-14	Union body /see Assembly P/	2	105	50X1
		10 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	2	22	
		234A1,5-18-28	Washer /see Fig.55,Book V/	2	4	
	16	10 Steel 45 stand.				
		554-41	Flanged union body /see Assembly O/	1	70	
		10 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	1	22	
		234A1,5-18-28	Washer /see Fig.55,Book V/	1	4	
	17	5540-45	Three-way union /see Assembly P/	1	100	
		13 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	1	22	
		234A1,5-22-35	Washer /see Fig.55,Book V/	1	7	
	18	6 Steel 45 stand.				
		554-41	Flanged union body /see Assembly O/	4	46,5	
		6 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	4	13,7	
		234A1,5-14-22	Washer /see Fig.55,Book V/	4	3	
	19	5540-0-1136	Pipe	1	52	AMrM T12x 10,1=580
		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	4,9	
	10 Steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2	22		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-2	Label 80x30	2	1	1059-1 10,5	
20	5540-0-B65	Pipe	1	37	AMrM T8x6 1 = 620	
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1	1059-1 10,5	

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116..1	21	6 Steel 45 stand. 553-41	Union body /see Fig.57-1,Book V/	2	26	50X1
	22	10 Steel 45 stand. 553-41	Union body /see Fig.57-2,Book V/	1	42	
	23	5540-0-I59	Pipe	1	43	AMRM T8x6 l=705
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		1053A50	Seal /see Fig.112,Book V/	2		
		5500-2-1	Label 50x30	2	1	AC59-1 NO,5
	24	5540-0-I65	Pipe	1	62	Steel 20A T6x4,l=505
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	11	
		1053A50	Seal /see Fig.112,Book V/	2		
		5500-2-1	Label 50x30	2	1	AC59-1 NO,5
	25	5540-0-I138	Pipe	1	91	Steel 20A T6x4,l=735
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	11	
		1053A50	Seal /see Fig.112,Book V/	2		
		5500-2-1	Label 50x30	2	1	AC59-1 NO,5
	26	5540-0-I139	Pipe	1	93	Steel 20A T6x4,l=750
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	
		4 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	11	
		1053A50	Seal /see Fig.112,Book V/	2		

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116-1						50X1
	5500-2-1	Label 50x30	2	1	AC59-1	
27	5540-0-B120	Pipe	1	96	NO,5	Steel 20A
	4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5		T6x4, l=780
	4 Steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2	11		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1	AC59-1	
28	5540-0-I64	Pipe	1	88	NO,5	AMRM T12x
	10stand.568-41	Nipple /see Fig.57-1,Book V/	2	4,9		10, l=985
	10 Steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2	22		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-2	Label 80x30	2	1	AC59-1	
29	5540-0-I68	Pipe	1	112	NO,5	AMRM T15x
	13 stand.568-41	Nipple /see Fig.57-1,Book V/	2	35		13, l=1,085
	13 Steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2			
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-2	Label 80x30	2	1	AC59-1	
30	5540-0-I62	Pipe	1	95	NO,5	AMRM T12x
	10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	4,9		10, l=1,075
	10 Steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2	22		
	1053A50	Seal /see Fig.57-2,Book V/	2			
	5500-2-2	Label 80x30	2	1	AC59-1	
					NO,5	

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116-1	31	5540-0-I63	Pipe	1	118	50X1 AMrM T12x 10, 1=1, 165
		10 stand. 568-41	Nipple /see Fig.57-1, Book V/	2	4,9	
		10 Steel 45 569-41	Cap nut /see Fig.57-2, Book V/	2	22	
		1053A50	Seal /see Fig.112, Book V/	2		
		5500-2-2	Label 80x30	2	1	OC59-1 NO,5
	32	5540-0-B62	Pipe	1	54	AMrM T8x6, 1= 885
		6 stand. 568-41	Nipple /see Fig.57-1, Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12	
		1053A50	Seal /see Fig.112, Book V/	2		
		5500-2-1	Label 50x30	2	1	OC59-1 NO,5
	33	5540-0-B67	Pipe	1	45	AMrM T8x6 1=760
		6 stand. 568-41	Nipple /see Fig.57-1, Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12	
		1053A50	Seal /see Fig.112, Book V/	2		
		5500-2-1	Label 50x30	2		OC59-1 NO,5
	34	5540-0-B68	Pipe	1	34	AMrM T8x6 1= 530
		6 stand. 568-41	Nipple /see Fig.57-1, Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12	
		1053A50	Seal /see Fig.112, Book V/	2		
		5500-2-1	Label 50x30	2		OC59-1 NO,5
	35	5545-0	Installation of the differential PU-8 /see Fig.121, Book V/	1	1643	
	36	1106C27-35	Rubber insert type A /see Fig.63, Book V/	1	13	

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116-1	37	5540-0-B103	Pipe	1	30	50X1 AMrM T8x6 6, l=490	
		6 stand. 568-41	Nipple /see Fig.57-1, Book V/	2	3		
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12		
		1053A50	Seal /see Fig.112, Book V/	2			
		5500-2-1	Label 50x30	2		SC59-1 AO,5	
		38	5540-0-B104	Pipe	1	35	AMrM T8x6 l=565
		6 stand. 568-41	Nipple /see Fig.57-1, Book V/	2	3		
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12		
		1053A50	Seal /see Fig.112, Book V/	2			
		5500-2-1	Label 50x30	2	1	SC59-1 AO,5	
		39	5547-0	Installation of reducing accelerators /see Fig.120/	1	1084	
		40	5540-0-B70	Pipe	1	57	AMrM T8x6 6, l=945
		6 stand. 568-41	Nipple /see Fig.57-1, Book V/	2	3		
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12		
		1053A50	Seal /see Fig.112, Book V/	2			
		5500-2-1	Label 50x30	2	1	SC59-1 AO,5	
	41	5540-0-B61	Pipe	1	29	AMrM T8x6 l = 485	
		6 stand. 568-41	Nipple /see Fig.57-1, Book V/	2	3		
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2, Book V/	2	12		
		1053A50	Seal /see Fig.57-1, Book V/	2			
		5500-2-1	Label 50x30	2	1	SC59-1 AO,5	

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116-1	42	5540-O-B69	Pipe	1	53	50X1
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	AMRM T8x6 l=875
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		1053A50	Seal /see Fig.112,Book V/	2	1	AC59-1 NO,5
		5500-2-2	Label 80x30	2		
	43	5540-O-B178	Pipe	1	48	Steel 20A T6x4, l= 380
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		1053A50	Seal /see Fig.112,Book V/	2	1	AC59-1 NO,5
		5500-2-1	Label 50x30	2		
	44	6021C4	Band fastener /see Fig.60-2,Book V/	1	6	
		1315C5-14	Bolt /see Fig.52-1,Book V/	1	3	
		15A5	Spring washer /see Fig.55,Book V/	1		
	45	4 Steel 45 stand. 553-41	Union body /see Fig.57-1,Book V/	1	20	
	46	5540-O-B355	Pipe	1	47	AMRM T8x6 l= 790
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,V Book/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2	1	AC59-1 NO,5	
	5500-2-1	Label 50x30	2			
47	5540-O-B358	Pipe	1	47	AMRM T8x6 l= 790	
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12		

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116-1					
	1053A50 5500-2-1	Seal /see Fig.112,Book V/ Label 50x30	2 2	1	50X1
48	5541-0 /assy/	Installation of the emergency bottle of brakes /see Fig.116-3/			AC59-1 50,5
49	5540-0-B132	Pipe	1 1	5739 45	AMM T8x6 l= 740
	6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/	2	3	
	1053A50 5500-2-1	Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2	12	
50	5540-0-B184	Pipe	2 1	1	AC59-1 50,5 AMM T8x6 l=825
	6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/	2	3	
	1053A50 5500-2-1	Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2	12	
51	6-4 Steel 45 stand 568-41	Three-way union /see Fig.57-1,Book V/	3	37	AC59-1 50,5
52	6 Steel 45-945 11699-6 234AL,5-14-22	Flanged elbow /see Assembly S/ Gasket /see Fig.55,Book V/ Washer /see Fig.55,Book V/	2 2 2	51	
	6 Steel 45, stand. 570-41	Safety nut /see Fig.57-1,Book V/	2	3	
53	5540-0-B173	Pipe	2 1	14 10	
	6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/	2	3	AMM T8x6 l= 170
	1053A50	Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/	2 2	12	

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116-1						
						50X1
		5500-2-1	Label 50x30	2	1	C53-1
54		5540-0-B213	Pipe	1	29	0,5 Steel 20A T6x4, l=
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	235
		4 Steel 45 stand.				
		569-41	Cap nut /see Fig.57-2,Book V/	2	11	
		1053A50	Seal /see Fig.112,Book V/	2		
		5500-2-1	Label 50x30	2	1	AC59-1
55		5540-0-B214	Pipe	1	41	0,5 Steel 20A T6x4,
		4 stand.568-41	Nipple /see Fig.57-1,Book V/	2	2,5	l= 530
		4 Steel 45 stand.				
		569-41	Cap nut /see Fig.57-2,Book V/	2	11	
		1053A50	Seal /see Fig.112,Book V/	2		
		5500-2-1	Label 50x30	2	1	AC59-1
56		5543-0 /assy/	Installation of the release cock /see Fig.125/	1		0,5
57		5540-0-B128	Pipe	1	535	
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	1	25	AMrM T8x
		6 Steel 45 stand.				6, l=450
		569-41	Cap nut /see Fig.57-2,Book V/	2	3	
		1053A50	Seal /see Fig.112,Book V/	2	12	
		5500-2-1	Label 50x30	2		
				2	1	AC59-1
58		5540-0-B129 ¹	Pipe	1	25	0,5 AMrM T8x
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	6, l=450
		6 Steel 45 stand.				
		569-41	Cap nut /see Fig.57-2,Book V/	2	12	

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116-1						50X1
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1		MC59-1 JO,5
59	5518-0 /assy/	Installation of the compressed air				
		bottles cock /see Fig.116-3/	1	594		
60	5517-0 /assy/	Installation of the emergency cock and				
		of the reloading cock /see Fig.117/	1	1396		
61	5540-0-B126	Pipe	1	180		Steel 20A T8x6, l= 1,030
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1		MC59-1 JO,5
62	5540-0-B127	Pipe	1	47		AMRM T8x6 l= 700
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2			MC59-1 JO,5
	5500-2-1	Label 50x30	2	1		AMRM T8x6 l=560
63	5540-0-B130	Pipe	1	32		
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1		MC59-1 JO,5
64	5540-0-B212	Pipe	1	51		AMRM T8x6 l=865
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		

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116-1	6 Steel 45 stand. 569-41 1053A50	Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/	2 2	12	AC59-1 AO,5
65	5500-2-1. 5516-0 /assy/	Label 50x30 Installation of the undercarriage emergency cock /see Fig.118/.	2	1	
66	5540-0-B179	Pipe	1 1	1259 32	Steel 20A T6x4, l=260
	4 stand.568-41 4 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/	2	2,5	
	1053A50 5500-2-1	Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2	11	
67	5540-0-B204 ¹	Pipe	1	25	AC59-1 AO,5 AMrM T8x6 l=405
	6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/	2	3	
	1053A50 5500-2-1	Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2	11	
68	5540-0-B131	Pipe	1	73	AC59-1 AO,5 AMrM T8x6 l=1,245
	6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/	2	3	
	1053A50 5500-2-1	Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2	12	
69	5540-32-2	Flanged elbow 45x45x68 /see Assembly R/	2	70	AC59-1 AO,5 Steel 45 hot stamp.
	M 699-6	Gasket /see Fig.55,Book V/	2		

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116-1						50X1
		234A1,5-14-22	Washer /see Fig.55,Book V/	2	3	
		6 Steel 45 stand.				
70		570-41	Safety nut /see Fig.57,Book V/	2	14	
		5540-33-1	Flanged elbow 45x45x68 /see Assembly R/	1	75	Steel 45 hot stamp.
		IR699-6	Gasket /see Fig.55,Book V/	1		
		234A1,5-14-22	Washer /see Fig.55,Book V/	1	3	
		6 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	1	14	
71		IR697-8	Flanged union /see Assembly T/	1	73	
72		IR697-6	Flanged union /see Assembly T/	10	73	
73		5540-57	Union body 36x36x59	3	70	Steel 45 hot stamp.
		IR699-10	Gasket /see Fig.55,Book V/	3		
		234A1,5-18-28	Washer /see Fig.55,Book V/	3	4	
		10 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	3	22	
74		13 Steel 45				
		PIA945	Flanged elbow /see Assembly S/	2	126	
		IR699-13	Gasket /see Fig.55,Book V/	2		
		234A1,5-22-35	Washer /see Fig.55,Book V/	2		
		13 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	2	22	
75		IR697-4	Flanged union /see Assembly T/	4	15	
76		IR697-10	Flanged union /see Assembly T/	3	81	
77		5540-64	Flanged three-way union /see Assembly T/	1	80	Steel 45 hot stamp.
		IR699-8	Gasket /see Fig.55,Book V/	1		
		234A1,5-16-25	Washer /see Fig.55,Book V/	1	3,5	
		8 Steel 45 stand.				
		570-41	Safety nut /see Fig.57-1,Book V/	1	18	
78		IR699-6	Gasket /see Assembly T/	4		
79		5540-0-B229	Pipe	1	85	AMM T8x6 l-1400

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116-1						
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		50X1
	6 Steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1		
80	5540-0-B122	Pipe	1	24		AC 59-1 NO.5 AMRM T8x6 l=385
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand.569					
	-41	Cap nut /see Fig.57-2,Book V/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1		
81	5540-0-B180	Pipe	1	12		AC59-1 NO.5 AMRM T8x6 l= 235
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1		
82	5540-0-B183	Pipe	1	60		AC59-1 NO.5 AMRM T8x6 l=1,020
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand					
	569-41	Cap nut /see Fig.57-2,Book V/	2	12		
	1053A50	Seal /see Fig.112,Book V/	2			
	5500-2-1	Label 50x30	2	1		
83	5540-0-B230	Pipe	1	24		AC59-1 NO.5 AMRM T8x6 l= 350
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand.					
	569-41	Cap nut /see Fig.57-2,Book V/	2	12		

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116-1							
		1053A50 5500-2-1	Seal /see Fig.112,Book V/ Label 50x30	2 2			
84		5540-0-B66 ¹	Pipe	1	1		50X1 AC59-1 AO,5 AMRM T8x6 l = 310
		6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2 2	3 12		
85		1053A50 5500-2-1	Seal /see Fig.112,Book V/ Label 50x30	2 2			AC59-1 AO,5
86		6 Steel 45 stand. 562-41 5540-0-B95	Three-way union /see Fig.57-1,Book V/ Pipe	2 1	41 12		AMRM T8x6 l=215
		6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2 2	3 12 1		
87		1053A50 5500-2-1	Seal /see Fig.112,Book V/ Label 50x30	2 2			AC59-1 AO,5 Steel 20A T6x4, l=115
		5540-0-B96	Pipe	1	13		
		4 stand.568-41 4 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2 2	3 12 1		
88		1053A50 5500-2-1	Seal /see Fig.112,Book V/ Label 50x30	2 2			AC59-1 AO,5 Steel 20A T6x4, l=565
		5540-0-B121	Pipe	1			
		4 stand.568-41 4 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Seal /see Fig.112,Book V/ Label 50x30	2 2 2	3 12		
		1053A50	Seal /see Fig.112,Book V/ Label 50x30	2			

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Part No.	Description	Quantity	Notes	Part No.	Quantity	Notes
113-1	5500-2-1	2	Label 50x30		1	50X1 AC59-1
89	5540-0-B123	1	Pipe		70	AO,5 AMrM T8x6 l=235
	6 stand.568-41	2	Nipple /see Fig.57-1,Book V/		3	
	6 Steel 45 stand. 569-41	2	Cap nut /see Fig.57-2,Book V/		12	
	1053A50	2	Seal /see Fig.112,Book V/		1	AC59-1
	5500-2-1	2	Label 50x30		1	AO,5
90	5540-0-B124	1	Pipe		32	AMrM T10x 8,l= 355
	8 stand.568-41	2	Nipple /see Fig. 57-1,Book V/		4	
	8 Steel 45 stand. 569-41	2	Cap nut /see Fig.57-2,Book V/		15	
	1053A50	2	Seal /see Fig.112,Book V/		1	AC59-1
	5500-2-1	2	Label 50x30		1	AO,5
91	5540-0-B181	1	Pipe		15	AMrM T8x6 l=260
92	5540-0-B210	1	Pipe		30	AMrM T10x 8,l= 510
	8 stand.568-41	2	Nipple /see Fig.57-1,Book V/		4	
	8 Steel 45 stand. 569-41	2	Cap nut /see Fig.57-2,Book V/		15	
	1053A50	2	Seal /see Fig.112,Book V/		1	AC59-1
	5500-2-1	2	Label 50x30		1	AO,5
93	5510-0 /assy/	1	Panel with air cocks /see Fig.122/			
113-2			Air piping installation assemblies ¹ in pilot's cockpit.			
Assembly A						

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116-2						
	1	5540-12	Pipe holding block 184x32x15	1	92,5	ITTK #15 stand.5-40
	2	130405-38	Bolt /see Fig.52-2,Book V/	3	7	
		234A1-5-12	Washer /see Fig.55,Book V/	3	3	
		1414C5	Butterfly nut /see Fig.53,Book V/	3	1,5	
	3	5540-0-52	Locking wire	1		KO 0,8
	4	5540-0-53	Butt strip 12x350	1		AMuAM #03
	Assembley B					
	1	5540-12	Pipe holding block 184x32x15	1	92,5	ITTK #15 stand.5-40
	2	ILM469-44	Bolt /see Fig.52-1,Book V/	3	12	
		234A1-5-12	Washer /see Fig.55,Book V/	3		
		1414C5	Butterfly nut /see Fig.53,Book V/	3	4,5	
		1640C3-8	Rivet /see Fig.54,Book V/	3	2	
	3	5540-0-52	Locking wire	1		KO 0,8
	4	5540-0-53	Butt strip 12x350	1		AMuAM #03
	Assembley C					
	1	5540-36	Pipe holding block 96x25x15	1	41	ITTK #15 stand.5-40
	2	1301C5-34	Bolt /see Fig.52-2,Book V/	2	6,5	
		1400C5	Nut /see Fig.53,Book V/	2	1	
		15A5	Spring washer /see Fig.55,Book V/	2	2	AMuAM #03
	3	5540-0-53	Butt strip 12x220	1		
	Assembley D					
	1	5540-61	Pipe holding block 48x28x15	1	20	Delta wood sort A sta ndard 226- 46
	2	ILM469-6-40	Bolt /see Fig.52-1,Book V/	1	15	

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						200 50X1
116-2	3	234A1-6-14	Washer /see Fig.55,Book V/	1	3	
		141406	Butterfly nut /see Fig.53,Book V/	1	12	
		1640C3-8	Rivet /see Fig.54,Book V/	2	2	
		5540-0-52	Locking wire	1	1	KO 0,8
		5540-0-53	Butt strip 12x125	1		AMuAM 10,3
Assemb- ly E	1	5540-4	Pipe holding block 90x30x15	1	45	Delta wood sort A stand.226-46
		2	14069-6-42	Bolt /see Fig.52-1,Book V/	1	15
Assemb- ly F	3	234A1-6-14	Washer /see Fig.55,Book V/	1	3	
		141406	Butterfly nut /see Fig.53,Book V/	1	12	
		1640C3-8	Rivet /see Fig.54,Book V/	2	3	
		5540-0-52	Locking wire	1		KO 0,8
		5540-0-53	Butt strip 12x210	1		AMuAM 10,3
Assemb- ly F	1	5540-59	Pipe holding block 74x28x15	1	51	Delta wood sort A stand.226-46
		2	5540-80	Bolt 66x12x12	1	13
Assemb- ly F	3	1400C6	Nut /see Fig.53,Book V/	2	3	
		234A1-6-14	Washer /see Fig.55,Book V/	2	3	
		5540-0-52	Locking wire	1		KO 0,8
		5540-0-53	Butt strip 12x200	1		AMuAM 10,3
1		Is being installed on the aircrafts with Nos.starting from 6450205,530511901, 0616601.				

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116-2							50X1
Assemb- ly G							
1	5540-19	Pipe holding block 49x35x15	2	22	Delta wood sort A stand. 226- 46		
2	5540-0-55	Angle	2	12	Al6E IIp 100-3, l= 50		
3	851A3-8	Rivet /see Fig.54,Book V/	6	2			
	5540-0-52	Locking wire	1				
4	IT469-6-45	Bolt /see Fig.52-1,Book V/	2	13	KO O,8		
	141408	Butterfly nut /see Fig.53,Book V/	2	14			
	234A1-6-14	Washer /see Fig.55,Book V/	2	2			
	1640C3-8	Rivet /see Fig.54,Book V/	4	2			
5	5540-0-53	Butt strip 12x125	1		AMuAM #03		
Assemb- ly H							
1	5540-13 ¹	Pipe holding block 101x48x15	1	70	ITK #15 stand.5-40		
2	IT469-5-38	Bolt /see Fig.52-1,Book V/	2	14			
	234A1-5-12	Washer /see Fig.55,Book V/	2	2			
	141405	Butterfly nut /see Fig.53,Book V/	2	4,5			
	1640C3-8	Rivet /see Fig.54,Book V/	4	2			
	5540-0-52	Locking wire	1	1	KO O,8		
3	5540-0-53	Butt strip 12x220	1		AMuAM #03		
Assemb- ly I							
1	5540-66	Pipe holding block 53x28x15	1	24	Delta wood sort A stand. 226-46		
2	IT469-6-40	Bolt /see Fig.52-1,Book V/	1	15			

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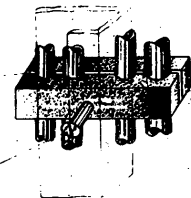
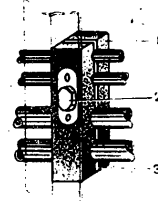
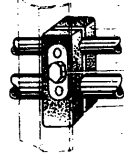
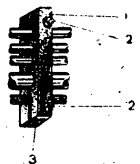
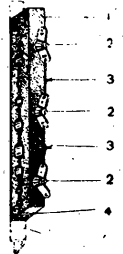
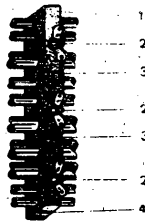
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Assembly A

Assembly B

Assembly C

Assembly D



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Assembly G

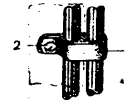
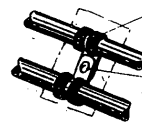
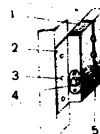
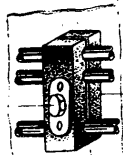
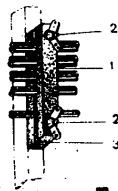
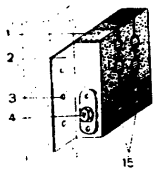
Assembly H

Assembly I

Assembly L

Assembly M

Assembly N



Typical joints of the pilot's cockpit branch pipes

Assembly O

Assembly P

Assembly R

Assembly S

Assembly T

Assembly U

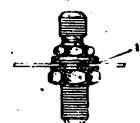
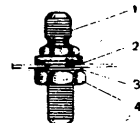
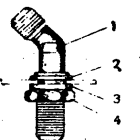
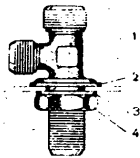
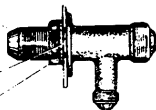
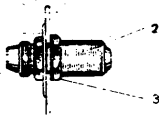


Fig. 116-2. Air piping installation assemblies in pilot's cockpit being installed on the aircrafts with Nos. starting from 6450205, 530511901, 0616601.

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Item No.	Part No.	Description	Quantity	Unit	Notes		
116-2	3	15A6	1		50X1		
		1400C6	1				
		1640C3-8	2				
		5540-0-52	1				
		5540-0-53	1				
		Assembley I					
		1	5540-66 ¹	Pipe holding block 53x28x15		1	24
		2	5540-0-51	Angle		1	
		3	851A3-8	Rivet /see Fig.54,Book V/		3	
		4	11469-6-40	Bolt /see Fig.52-1,Book V/		1	15
Assembley M	5	15A6	1	2	KO 0,8 AMuAM 003		
		1400C6	1	3			
		1640C3-8	2	2			
		5540-0-52	1	1			
		5540-0-53	1	1			
		Assembley M					
		1	6021C4	Band fastener /see Fig.60-2,Book V/		2	6
		2	1315C5-14	Bolt /see Fig.52-1,Book V/		1	4
			1400C5	Nut /see Fig.53,Book V/		1	2
			15A5	Spring washer /see Fig.55,Book V/		1	
Assembley N	1	1370C80	Band fastener /see Fig.60-2,Book V/	1	3		
		1315C4-14	Bolt /see Fig.52-1,Book V/	1	6		
		1400C4	Nut /see Fig.53,Book V/	1	1		

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116-2	15A4	Spring washer /see Fig.55,Book V/	1		50X1
Assemb- ly O 1	234A1,5-12-20	Washer /see Fig.55,Book V/	3	2,5	
	234A1,5-18-28	Washer /see Fig.55,Book V/	1	4	
	234A1,5-14-22	Washer /see Fig.55,Book V/	2	3	
2	4 Steel 45 stand. 554-41	Flanged union /see Fig.57-1,Book V/	3	36	
	6 Steel 45 stand. 554-41	Flanged union /see Fig.57-1,Book V/	2	46	
	10 Steel 45 stand. 554-41	Flanged union /see Fig.57-1,Book V/	1	70	
3	4 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	3	11	
	6 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	2	14	
	10 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	1	22	
Assemb- ly P 1	5540-14	Union body 80x47x30	2	105	Steel 45
	5540-45	Three-way union 89x50x34	1	100	hot stamp.
2	234A1,5-18-28	Washer /see Fig.55,Book V/	2	4	
	234A1,5-22-35	Washer /see Fig.55,Book V/	1	7	
3	10 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	2	22	
	13 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	1	22	
Assemb- ly R 1	5540-33-1	Flanged elbow 68x42x28	1	75	Steel 45 hot stamp.
	5540-33-2	Flanged elbow 68x42x28	2	70	Steel 45 hot stamp.

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116-2		5540-64 ¹	Flanged three-way union 74x45x30	1	80	Steel 45 ^{50X1} hot stamp.
	2	IA699-6	Gasket /see Fig.55,Book V/	3		
	..	IA699-8	Gasket /see Fig.55,Book V/	1		
	3	234A1,5-14-22	Washer /see Fig.55,Book V/	3	3	
	..	234A1,5-5-13-25	Washer /see Fig.55,Book V/	1	3,5	
	4	6 Steel 45 stand. 570-41...	Safety nut /see Fig.57-1,Book V/	3	14	
	..	6 Steel 45 stand. 570-41...	Safety nut /see Fig.57-1,Book V/	1	18	
	Assemb- ly C	6 Steel 45 II 945	Flanged elbow /see Fig.57-2,Book V/	2	51	
	..	13 Steel 45 II 945	Elbow /see Fig.57-2,Book V/	2	126	
	1	IA699-6	Gasket /see Fig.55,Book V/	2		
	..	IA699-15	Gasket /see Fig.55,Book V/	2		
	2	234A1,5-22-35	Washer /see Fig.55,Book V/	2	7	
	..	234A1,5-14-22	Washer /see Fig.55,Book V/	2	3	
	3	13 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	2	22	
	..	6 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	2	14	
	Assemb- ly T	IA697-6	Flanged union /see Fig.106,Book V/	10	73	
	..	IA697-10	Flanged union /see Fig.106,Book V/	5	81	
	..	IA697-4	Flanged union /see Fig.106,Book V/	4	15	
	..	IA697-8	Flanged union /see Fig.106,Book V/	1	73	
	1	5540-57	Union body 59x36x36	3	70	Steel 45 K 36...
	2	IA699-10	Gasket /see Fig.55,Book V/	3		
	3	234A1,5-18-28	Washer /see Fig.55,Book V/	3	4	

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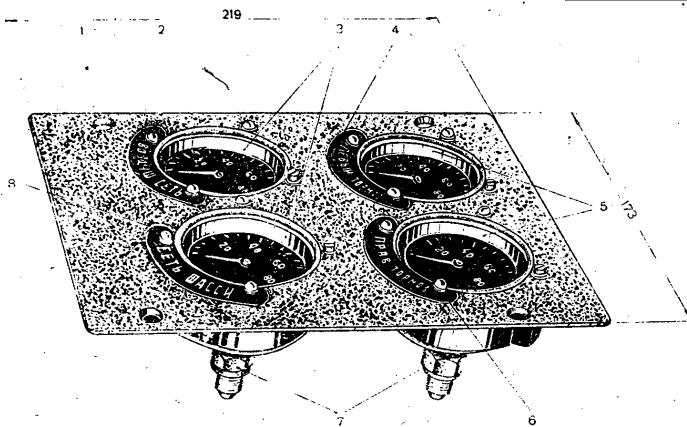
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116-2	4	10 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	3	22	50X1
Assemb- ly U	1	LM699-6	Gasket /see Fig.55,Book V/	4		
	94	5519-0	Landing flaps cock /see Fig.153/	1		
	95	5515-0	Panel with pressure gauges /see Fig.116-3/	1		
	96	7701-0	Pilot's instrument panel /see Fig. 78-1,Book V/	1		
116-3			<u>Air piping installation assemblies in pilot's cockpit¹</u>			
Assemb- ly V						
	1	5515-0 /assy/ 5515-1	Panel with pressure gauges	1	1206	
	2	5510-20-0	Panel 219x173x2,5	1	120	MAIM
	3	MB-100 with fixing ring stand, 913-41	Label /instruction plate/ 63x23x1	1		A16AM
	4	5510-20-8	Air pressure gauge	2	121	
	5	MT-100 with fixing ring stand. 913-41	Label /instruction plate/ 63x23x1	1		A16AM
	6	5510-20-7	Hydraulic pressure gauge /finished product/	2	121	
	7	LM846-8	Label /instruction plate/ 63x23x1/	1		A16AM
	8	5510-20-14	Adapter /see Fig.94,Book V/	4	29	
			Label /instruction plate/ 63x23x1	1		A16AM
Assemb- ly X						
	1	5518-0 /assy/ 6-22 Steel.45 stand.555-41	Installation of the cock of compressed air bottles	1	594	
			Elbow /see Fig.57-1,Book V/	1	37	

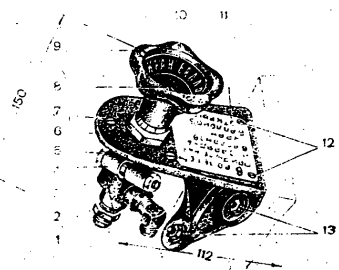
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Assembly V

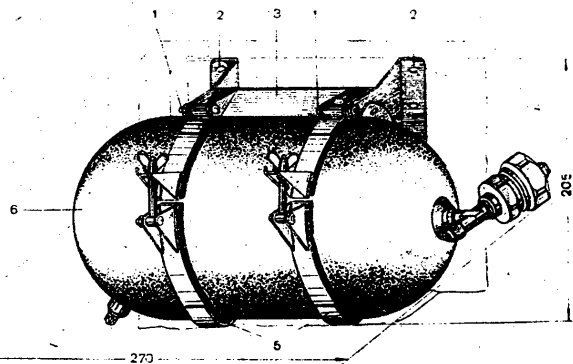


Assembly X



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Assembly Z



116-3. Air piping assemblies in pilot's cockpit as being installed on the aircrafts with Nos. starting from 6450205, 0616601, 530511901.

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116-3						50X1
2	6 Steel 45 stand. 552-41...	Union body /see Fig.57-1,Book V/	1	18		
3	652200	Cock /finished product/	1	245		
4	IL981-1	Support bracket /see Fig.110,Book V/	1	55		
5	1304C6-40	Bolt /see Fig.52-2,Book V/	1	11		
	1400C6	Nut /see Fig.53,Book V/	1	3		
	234A1-6-14	Washer /see Fig.55,Book V/	1	2		
6	5518-1	Support bracket /see Fig.52-1,Book V/ 97x112x85	1	158		M45 T4
7	1823C5-18	Bolt /see Fig.52-1,Book V/	3	4		
	1406C5	Nut /see Fig.53,Book V/	3	2		
	234A1-5-10	Washer /see Fig.55,Book V/	3	1		
	1x20 stand.397-41	Cotter pin /see Fig.110,Book V/	3			
8	1315C5-20	Bolt /see Fig.52-1,Book V/	1	5		
	5518-4	Washer 19x19x2	1	2		Steel 45
9	5518-2	Star knob 65x40x40	1	48		M45 T4
10	5518-3	Label /instruction plate/ 83x46x1	1	8		casting
11	5560-20-6	Label /instruction plate/ 65x58x1	1	10		A16AM
12	1318C3-6	Screw /see Fig.52-1,Book V/	4	1		A16AM
13	1304C6-26	Bolt /see Fig.52-2,Book V/	3	5		
	1400C6	Nut /see Fig.53,Book V/	3	3		
	234A1-6-14	Washer /see Fig.55,Book V/	3	1		
Assemb- ly Z	5541-0 /assy/	Installation of the emergency bottle of brakes	1	5110		
1	1304C5-23	Bolt /see Fig.52-2,Book V/	4	6		
	234A1-5-12	Washer /see Fig.55,Book V/	4			
	1400C5	Nut /see Fig.53,Book V/	4			
2	IL1307-4-12	Rivet /see Fig.54,Book V/	12			
3	5541-10 /assy/	Beding 224x106x120	1	265		
1	Is being installed on the aircrafts with Nos.starting from 6450205,0616601,530511901.					

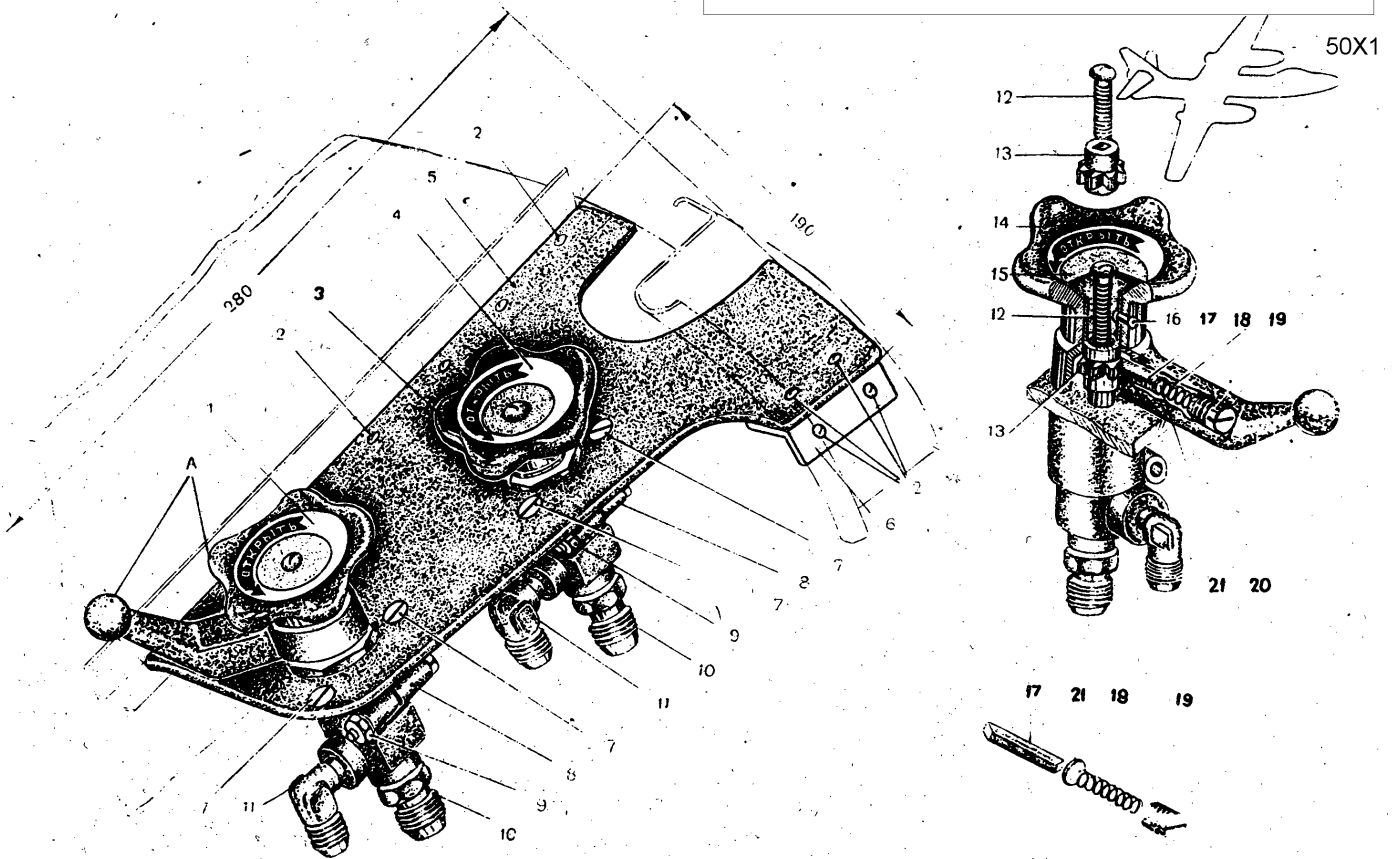
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116-3	4	II 646-6-6	Non-return valve /see Fig.101,Book V/	1	264	50X1
	5	II 1049-110-165	Band fastener /see Fig.60-1,Book V/	2	120	
	6	5541-30	Compressed air bottle 270x142x142 /welded/			
117		5517-0 /assy/	Installation of the cock of landing flaps emergency control and of the arms reloading cock.	1	1396	
	1	II 491-8	Label /instruction plate /see Fig. 111,Book V/	1	5	
	2	II 307-4-11	Rivet /see Fig.54,Book V/	11	1	
	3	652200	Air cock	2	245	
	4	II 491-15	Label /instruction plate/ /see Fig. 11,Book V/	1	5	
	5	5517-1	Panel 190x234x4	1	165	MA8-M
	6	5517-0-1	Profile	1	8	116T IIp 100-7, 1-50
	7	1318C5-14	Bolt /see Fig.52-1,Book V/	6	3	
		1400C5	Nut /see Fig.53,Book V/	6	1	
		15A5	Spring washer /see Fig.55,Book V/	6	1	
	8	II 981-1	Support bracket /see Fig.110,Book V/	2	23	
	9	1304C6-40	Bolt /see Fig.52-2,Book V/	2	11	
		1400C6	Nut /see Fig.53,Book V/	2	3	
		234A1-6-12	Washer /see Fig.55,Book V/	2	1	
	10	6 Steel 45 stand. 552-41	Union body /see Fig.57-1,Book V/	2	19	
	11	6-22 Steel 45 stand.555-41	Elbow /see Fig.57-1,Book V/	2	25	
Assemb- ly A		5514-10 /assy/	Star knob 68x135x45	1	505	
	12	1315C5-38	Screw /see Fig.52-1,Book V/	1	6	

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117. Installation of the cock of landing flaps emergency control and of the arm reloading cock.

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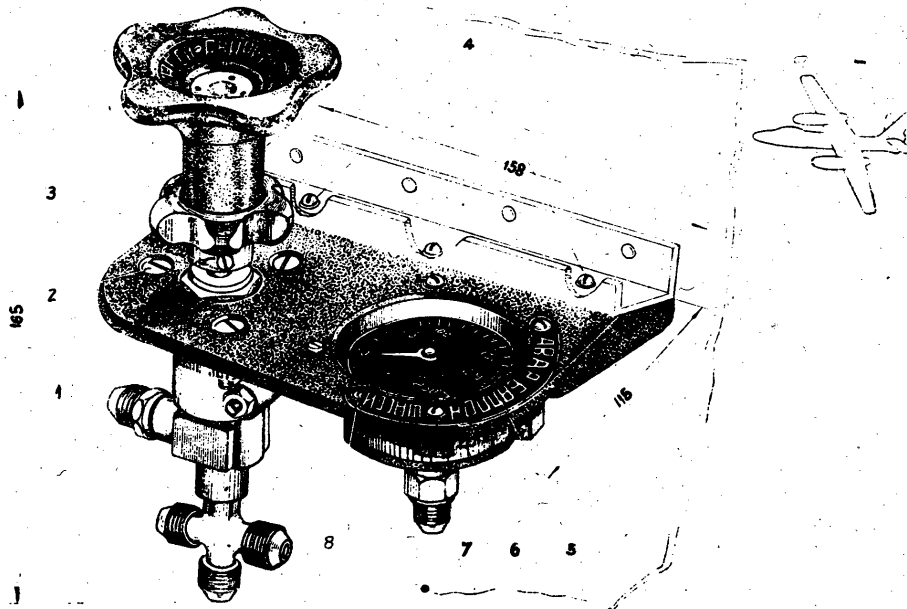
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117	13	5514-13	Pinion bush 32x30x30	1	35	30XTCA 50X1
	14	5514-11	Star knob 68x26x68	1	85	A99 cast- ing
	15	14977	Washer /see Fig.55,Book V/	1	4	
	16	14307-4-12	Rivet /see Fig.54,Book V/	1	1	
	17	5514-14	Catch 17x6x6	1	5	30XTCA
	18	1291C0,8-7-12	Spring /see Fig.61,Book V/	1	1	
	19	5514-15	Screw 10x10x10	1	6	Steel 45
	20	5514-12	Handle 43x33x98	1	65	AK6 hot stamp.
	21	5A0,5-8	Washer /see Fig.55,Book V/	1	1	
	118		5516-0 /assy/	<u>Installation of the cock for emergency lowering of the undercarriage.</u>	1	1306
1		5516-1	Support bracket 112x158x25	1	140	M5T 4 casting
2		1823C5-18	Bolt /see Fig.52-1,Book V/	3	33	
		234A1-5-10	Washer /see Fig.55,Book V/	3	1	
		1406C5	Nut /see Fig.53,Book V/	3	2	
		1x20 stand. 397-41	Cotter pin /see Fig.110,Book V/	3	1	
3		5516-10	Cock for emergency lowering of the undercarriage /see Fig.119/	1	730	
4		1307C6-18	Bolt /see Fig.52-2,Book V/	3	4	
		234A1-6-12	Washer /see Fig.55,Book V/	3	1	
		1821C6	Self-lock nut /see Fig.53,Book V/	3	6	
		1640C3-10	Rivet /see Fig.54,Book V/	6	2	
5		5510-20-11	Label /instruction plate/ 60x60x1	1	1	M16AM
6		MB-250 with a fixing ring stand. 913-41	Air pressure gauge	1	240	
7	14846-b	Adapter /see Fig.94,Book V/	1	35		
8	1318C3-6	Screw /see Fig.52-1,Book V/	1	1		

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118. Installation of the cock for emergency lowering of the undercarriage.

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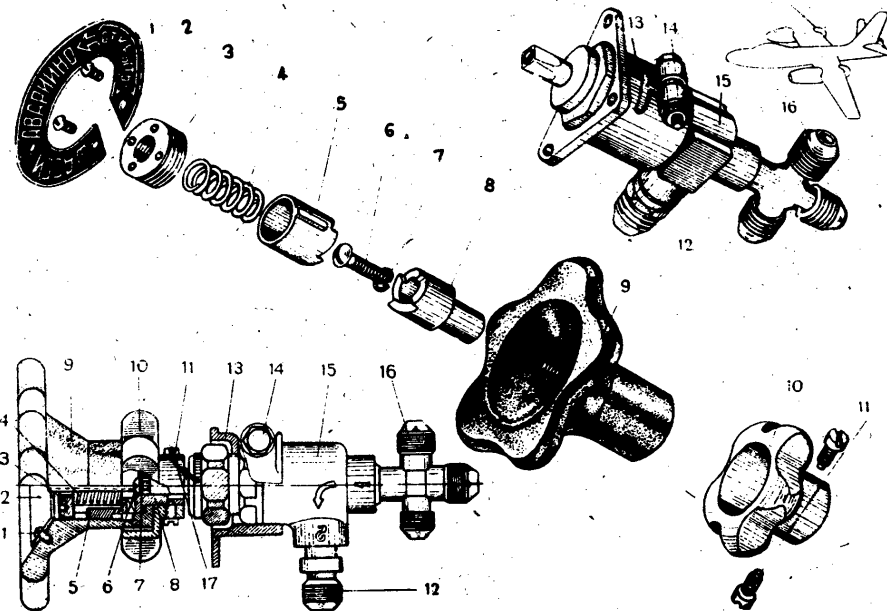
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119	5516-10 /assy/	Cock for emergency lowering of the undercarriage 170x90x90	1	730	50X1
1	1315C3-6	Screw /see Fig.52-1,Book V/	3	1	
2	ITW491-7	Label /instruction plate/ /see Fig. 111, Book V/	1	5	
3	5516-12	Nut 24x24x7,5	1	12	Steel 45
4	1291C1,2-15-24	Spring /see Fig.61,Book V/	1	2	
5	5516-13	First part of the clutch 26x26x19	1	18	30XTCA
6	1315C5-18	Screw /see Fig.52-1,Book V/	1	3	
7	15A6	Spring washer /see Fig.55,Book V/	1	0,6	
8	5516-14	Second part of the clutch 20x20x27	1	22	30XTCA
9	5516-11	Star knob 58x90x90	1	164	AK-6
10	5516-15	Star knob 55x55x22	1	125	Steel 45
11	5516-16	Screw 12x7x7	2	1,5	Steel 45
12	6 Steel 45 stand. 552-41	Union body /see Fig.57-1,Book V/	1	18	
13	ITW981-1	Support bracket /see Fig.110,Book V/	1	55	
14	1304C6-40	Bolt /see Fig.52-2,Book V/	1	11	
	1400C6	Nut /see Fig. 53,Book V/	1	3	
	234A1-6-14	Washer /see Fig.55,Book V/	1	1	
15	652200	Cock	1	240	
16	5516-3	Four way union 14x44x45	1	55	Steel 45
17		Locking wire	1	10	hot stamp
120	5547-0 ¹	Installation of reducing accelerators UP-03 215x148x100	1	1687	
1	6 Steel stand. 568-41	Three-way union /see Fig.57-1,Book V/	1	41	
		Is being installed on the aircrafts with Nos.starting from 6450205,0616601,530511901.			

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119. Cock for emergency lowering of the undercarriage.

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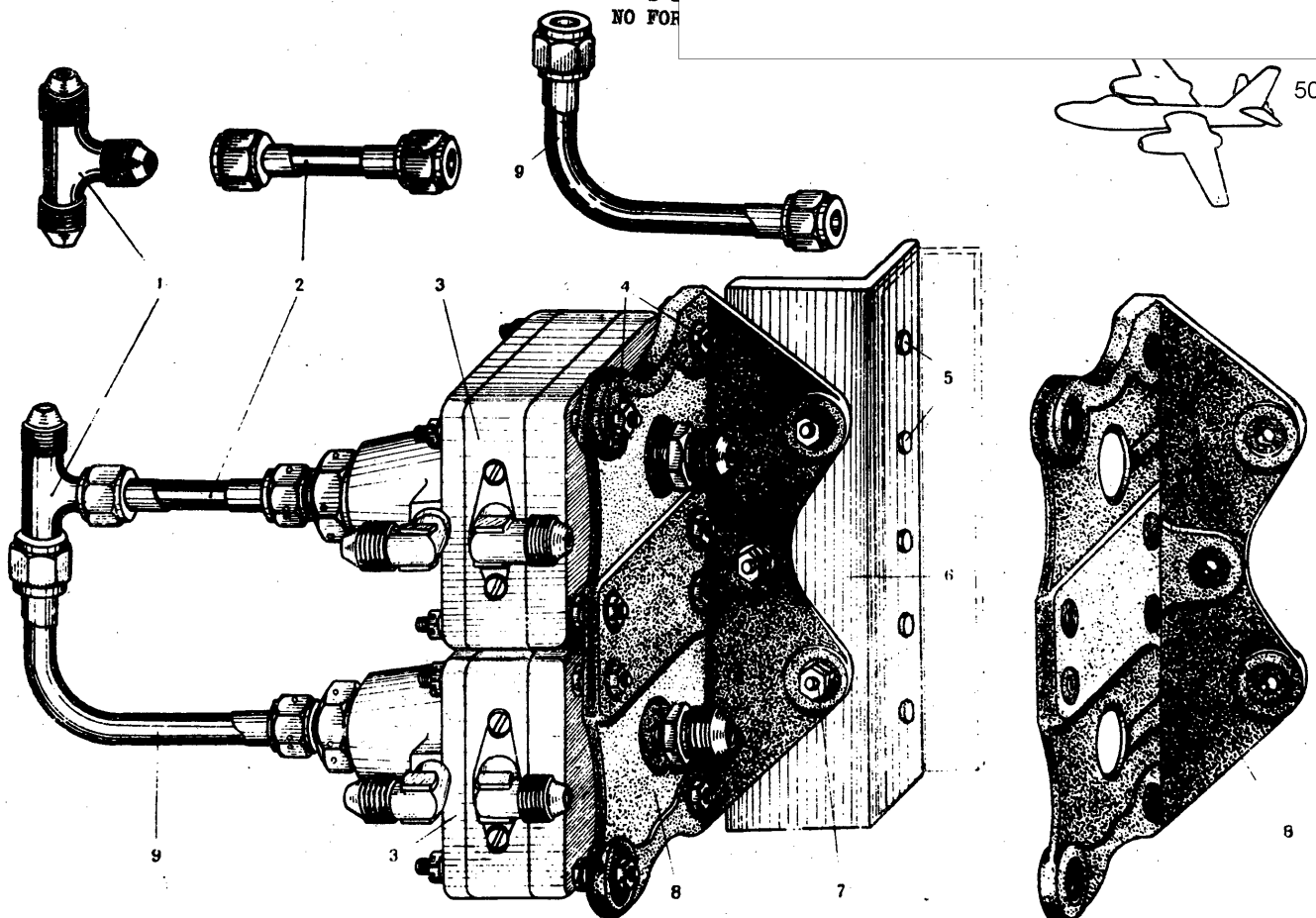
120	2	5547-O-B351	Pipe	1	14	50X1 AMrM T8x6 1 = 60
		6 stand 568-41	Nipple /see Fig.57-1,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Label 50x50	2 1	12	
	3	5500-1-1	Accelerator /booster/	2	640	
	4	YII-O3	Nut /see Fig.53,Book V/	8	2	
		1400C5	Spring washer /see Fig.55,Book V/	8		
		15A5	Rivet /see Fig.54,Book V/	5	1	
	5	II 307-5-12	Profile /see Fig.82-4,Book V/	1	95	Al6T IIp 101-8,1= 148
	6	5547-O-1				
	7	1301C6-22	Bolt /see Fig.52-2,Book V/	3	6	
		234A2-6-12	Washer /see Fig.55,Book V/	3		
		1C6	Nut /see Fig.53,Book V/	6	3	
	8	5547-1	Support bracket 48x78x128	1	143	MP5 T4 casting AMrM T8x6 1 = 130
	9	5547-O-B350	Pipe	1	8	
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3		
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Label 50x30	2 1	12		
	5500-1-1		1		MC59-1 MC,5	
	5547-O-2	Seal	2	2	AMrM T6x4 1 = 6	
121		5545-0 /assy, ¹	Installation of the differential PU-8.	1	1635	
	1	5545-5	Engaging terminal 20x20x44	1	31	Steel 45

¹ Is being installed on the aircrafts with Nos.starting from 6450205,0616801,530511901.

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120. Installation of the reducing accelerators /boosters/ UP-03 on the aircrafts with Nos.starting from 8450205,061601,530511901.

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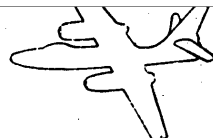
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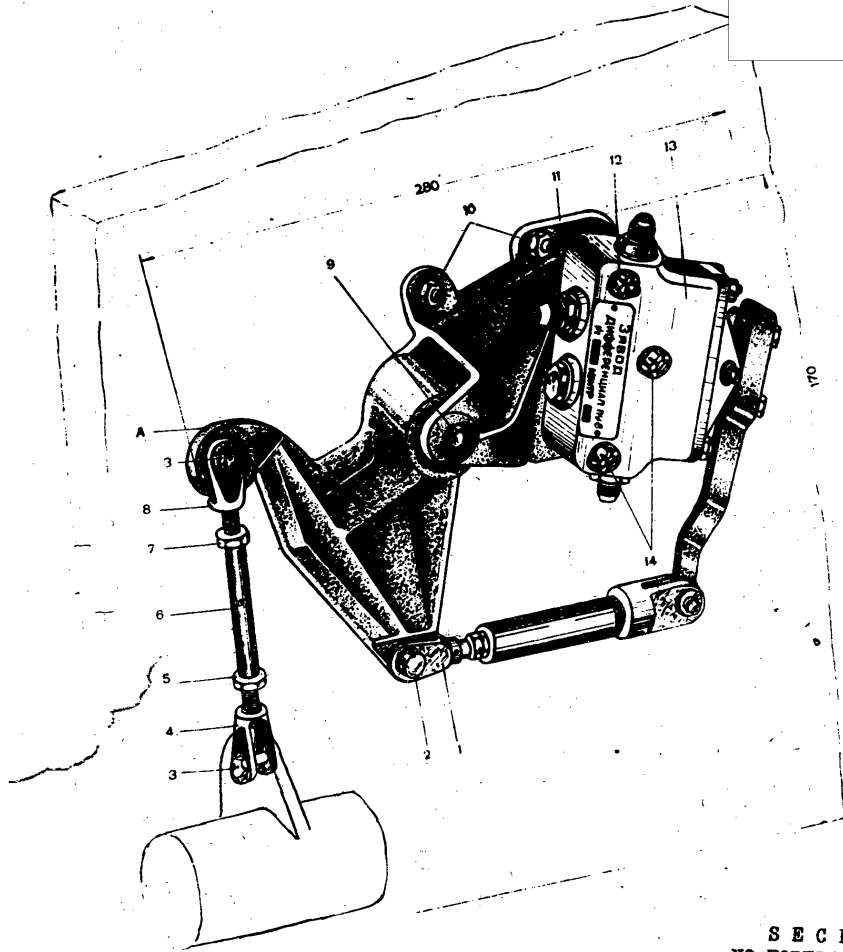
121	2	1875C6-22-19,5	Bolt /see Fig.52-2,Book V/	1	6	50X1
		234A3-6-12	Washer /see Fig.55,Book V/	1	2	
		1425C6	Nut /see Fig.53,Book V/	1	3	
	3	1875C5-22-20	Bolt /see Fig.52-2,Book V/	1	4	
		234A1-5-12	Washer /see Fig.55,Book V/	2	1	
		1406C5	Nut /see Fig.53,Book V/	2	2	
		1x15 stand. 397-41	Cotter pin /see Fig.110,Book V/	2	-	
	4	5545-2-1	Eye bolt 22x22x68	1	25	Steel 45
	5	1C6	Nut /see Fig.53,Book V/	1	2	
	6	5545-3	Coupling rod 71x10x10	1	34	Steel 45
	7	2C6	Nut /see Fig.53,Book V/	1	2	
	8	5545-2-2	Eye bolt 22x22x68	1	25	Steel 45
	9	MIN362-7-6-52	Bolt /see Fig.52-1,Book V/	1	22	
		234A2-7-16	Washer /see Fig.55,Book V/	1	2	
	Assemb-	5545-10	Rocker 120x120x35	1	192	
	ly A	OCT 981065	Ball bearing /finished product/	1	12	
	15	OCT 981067	Ball bearing /finished product/	2	21	
	16	5545-10-1	Rocker 35x125x130	1	132	IN 5T 4
	17	5545-11	Bush 7,5x18x18x11	1	6	casting
	18	MIN743-5-8-8A	Bush /see Fig.56,Book V/	1	2	ALT
		5510-0 ¹ /assy/	Panel with air cocks	1	1984	
122	1	PT-40	Relay /finished product/	2	150	ALAT N
	2	5510-0-5	Plate 67x33	2	1,5	
	3	1315C3-10	Bolt /see Fig.52-1,Book V/	8	1	
		15A3	Spring washer /see Fig. 55,Book V/	8	1	
	4	871A3-9	Rivet /see Fig.54,Book V/	16	1	
	1					

Is being installed on the aircrafts with Nos.starting from
6450205,0616601,530511901.

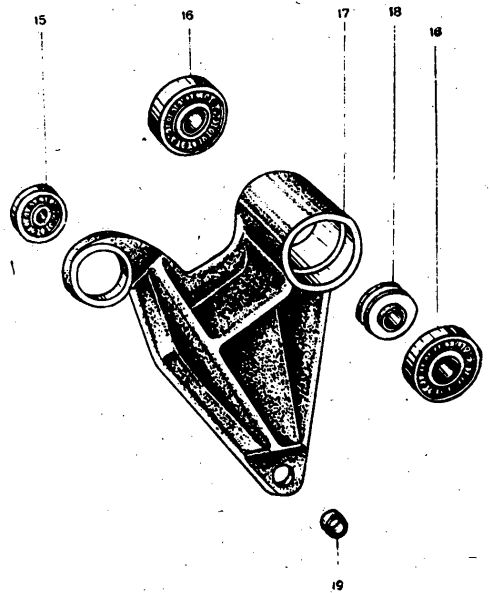
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Assembly A



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Fig.121. Installation of the differential PU-8 mounted on the aircrafts with Nos. starting from 6450205, 0616601, 530511901.

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122						
5	1304C6-18	Bolt /see Fig.52-2,Book V/	2	7		50X1
	1400C6	Nut /see Fig.53,Book V/	2	3		
	234A1-6-14	Washer /see Fig.55,Book V/	2	3		
6	5544-0 /assy/	Emergency braking valve PU-7				
		/see Fig.123,Book V/	1	792		
7	1640C2-6	Rivet /see Fig.54,Book V/	8	2		
8	5510-20-13	Label /instruction plate/ 93x88x1	1	24		Δ 16AM
9	MB-250 with fixing ring stand.					
	913-41	Pressure gauge /finished product/	1	200		
	IN846-6	Adapter /see Fig.94,Book V/	1	29		
10	1318C3-6	Screw /see Fig.52-1,Book V/	1	1		
11	5510-20-12	Label /instruction plate/ 81x37x1	1	3		Δ 16AM
12	1318C5-18	Screw /see Fig.52-1,Book V/	4	3		
13	1318C5-14	Screw /see Fig.52-1,Book V/	3	3		
	234A1-5-10	Washer /see Fig.55,Book V/	3	1		
	1400C5	Nut /see Fig.53,Book V/	3	1		
14	1318C5-18	Screw /see Fig.52-1,Book V/	2	3		
15	5510-20-5	Label /instruction plate/ 110x18x1	1	6		Δ 16AM
16	5511-0 /assy/	Undercarriage control cock				
		/see Fig.124/	1	1322		
17	5510-20-1	Label /instruction plate/90x30x1	1	7		Δ 16AM
18	5510-0-4	Pipe	4	2		Δ 16T T 10x8 1-20
19	1307C6-34	Bolt /see Fig.52-2,Book V/	4	8		
	1425C6	Nut /see Fig.53,Book V/	4	3		
	234A1-6-14	Washer /see Fig.55,Book V/	4	1		
	1,5x15 stand.					
	397-41	Cotter pin /see Fig.110,Book V/	4			
20	C-1	Sirena /finished product/	1	1260		
21	5510-0-1	Panel 307x500x3	1	625		MA 8
22	7208-126	Nut 29x10x9	8	3		Steel 25 hot stamp.

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122					50X1
Assemb- ly A					
23	6-22 Steel stand. 555-41	Screw-in elbow /see Fig.57-1,Book V/	1	25	
24	130406-40	Bolt /see Fig.52-2,Book V/	1	15	
	140008	Nut /see Fig.53,Book V/	1	3	
	234A1-6-14	Washer /see Fig.55,Book V/	1	1	
25	110611-150-45-10%	Reducer /see Fig.99,Book V/	1	690	
26	110980	Support bracket /see Fig.72,Book V/	1	60	
Assemb- ly B					
27	6 Steel 45 stand. 560-41	Three-way union /see Fig.57-1,Book V/	1	37	
28	5510-0-B181	Pipe	1	15	AMRM T8x6 1 - 260
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	12,5	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	3	
	5500-1-1	Label 50x18	1		SC59-1 10,5
28	5510-0-3	Seal	1	1	AMRM T6x4 1 - 6
Assemb- ly C					
29	5510-6	Support bracket 78x72x70	1	105	A39 casting Steel 20
30	5510-7	Plate 40x55x1	1	8	
31	130408-50-47	Bolt /see Fig.52-2,Book V/	1	26	
	140608	Nut /see Fig.53,Book V/	1	4	
	234A1-8-16	Washer /see Fig.55,Book V/	1	1	
	2x25 stand. 397-41	Cotter pin /see Fig.110,Book V/	1	1	
32	5510-8	Stop pin 26x14x14	2	5	Steel 45
	140008	Nut /see Fig.53,Book V/	2	3	
	234A1-6-14	Washer /see Fig.55,Book V/	2	1	

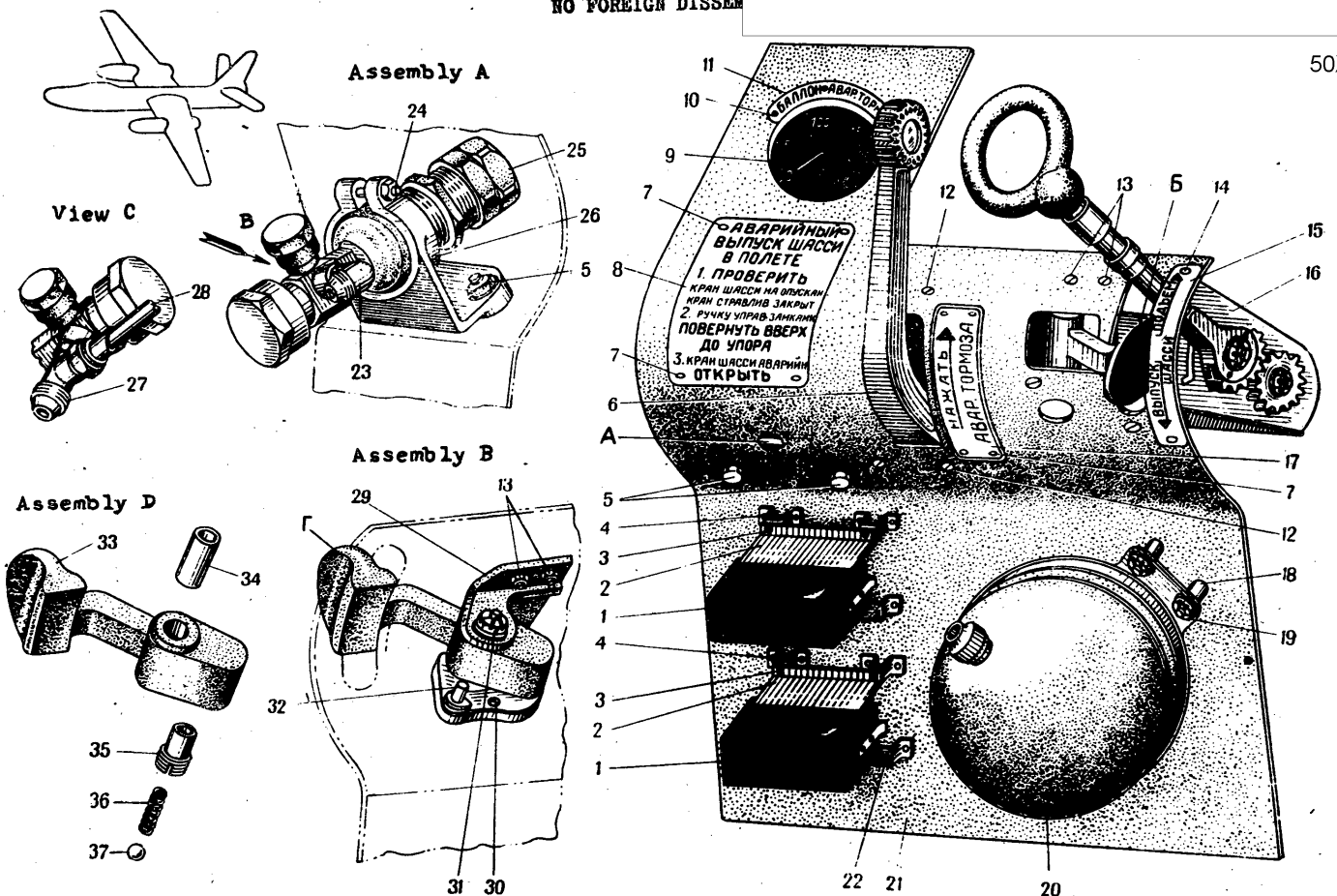
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122	Assembley D	5510-40/assy/	Lever 75x100x40	1	224	50X1 A19 casting Luminis- cent mat- ter Steel 45		
		33 5510-40-1	Lever 75x100x40	1	180			
		5510-40-2	Strip	1	4			
	34 IIN743-10-6-30A	Bush /see Fig.55,Book V/	1	7				
	35 5510-41	Socket 14x14x24	1	12				
	36 129101-7-25	Spring /see Fig.61,Book V/	1	2				
	37 stand.3722-47	Ball /finished product/	1	3				
	123	5544-0 /assy/		Installation of the emergency braking valve PU-7.	1		792	
		1 IIM509A	Handle /see Fig.57-2,Book V/	1	25			
		2 5544-10-1	Lever 197x25x70	1	150		AK6 hot stamp	
3 183305		Anchor nut /see Fig.53,Book V/	4	3				
4 IIN747-6-30		Bolt /see Fig.52-2,Book V/	1	4				
140006		Nut /see Fig.53,Book V/	1	3				
5 IIN306-6-34		Rivet /see Fig.54,Book V/	1	1				
6 188808-60		Bolt /see Fig.52-2,Book V/	1	30				
140608		Nut /see Fig.53,Book V/	1	4				
234A1,5-8-16 2x25 stand. 397-41		Washer /see Fig.55,Book V/	1	1				
7 IIN747-6-30		Cotter pin /see Fig.110,Book V/	1	1				
188805-56		Braking valve /finished product/	1	300				
140005		Bolt /see Fig.52-2,Book V/	2	10				
234A1-5-10	Nut /see Fig.53,Book V/	2	2					
9 134006-55-51,5	Washer /see Fig.55,Book V/	2	1					
234A1-6-12	Axle /see Fig.52-2,Book V/	1	13					
	Washer /see Fig.55,Book V/	3	1					
1 Is being installed on the aircrafts with Nos.starting from 6450205,0616601,530511901.								

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Fig.122. Panel with air cocks being installed on the aircrafts with Nos.starting from 6450205,0616601,530511901.

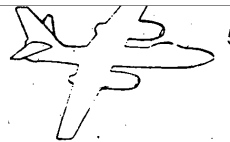
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123	2x12 stand. 397-41	Cotter pin /see Fig.110,Book V/	1	1	50X1
10	5544-1	Spring 40x13x13	1	10	OBC 1,6
11	852A3-12	Rivet /see Fig.54,Book V/	4		
12	5544-20-1	Support bracket 102x60x48	1	140	M#5 T4 casting
13	5544-11	Cam 10x27x18	1	28	30XICA
14	110747-6-34	Bolt /see Fig.52-2,Book V/	1	4	
	140006	Nut /see Fig.53,Book V/	1	3	
15	1823C5-22	Bolt /see Fig.52-1,Book V/	1	5	
16	1363C5-7-10	Bush /see Fig.56,Book V/	1	2	
17	110144-8-10-24	Bush /see Fig.56,Book V/	1	5	
18	1363C6-8-17	Bush /see Fig.56,Book V/	2	3	
19	1321C5-24	Screw /see Fig.52-1,Book V/	1	5	
	5A5	Spring washer /see Fig.55,Book V/	1	1	
	5544-0-1	Locking wire	2	13	KO 0,8
124	5511-0	<u>Undercarriage control cock</u>	1	1322	
1	5511-4	Handle 95x80x32	1	85	M#5 T4 casting
2	5511-6	Bolt 11x11x26	1	8	Steel 45
	1400C4	Nut /see Fig.53,Book V/	1	1	
	234A1-5-10	Washer /see Fig.55,Book V/	1		
3	5511-14	Protector 26x19x19	1	20	Steel 45
4	5511-13	Protective bush 23,5x20x20	1	23	Steel 45
5	1805C4-5	Screw /see Fig.52-1,Book V/	2		
6	5511-3	Sleeve 158x30x14	1	113	30XICA
7	5511-5	Stem 114x8x8	1	44	Steel 45
8	5511-10	Support bracket 90x40x111 /welded/	1	240	
9	5511-15	Dog 16x5x5	1	2	30XICA
10	5511-12	Spring 30x7,5x7,5	1	1,5	OBC 0,8
11	5511-7	Axle 46,5x14x14	1	32	30XICA
12	1406C8	Nut /see Fig.53,Book V/	2	4	

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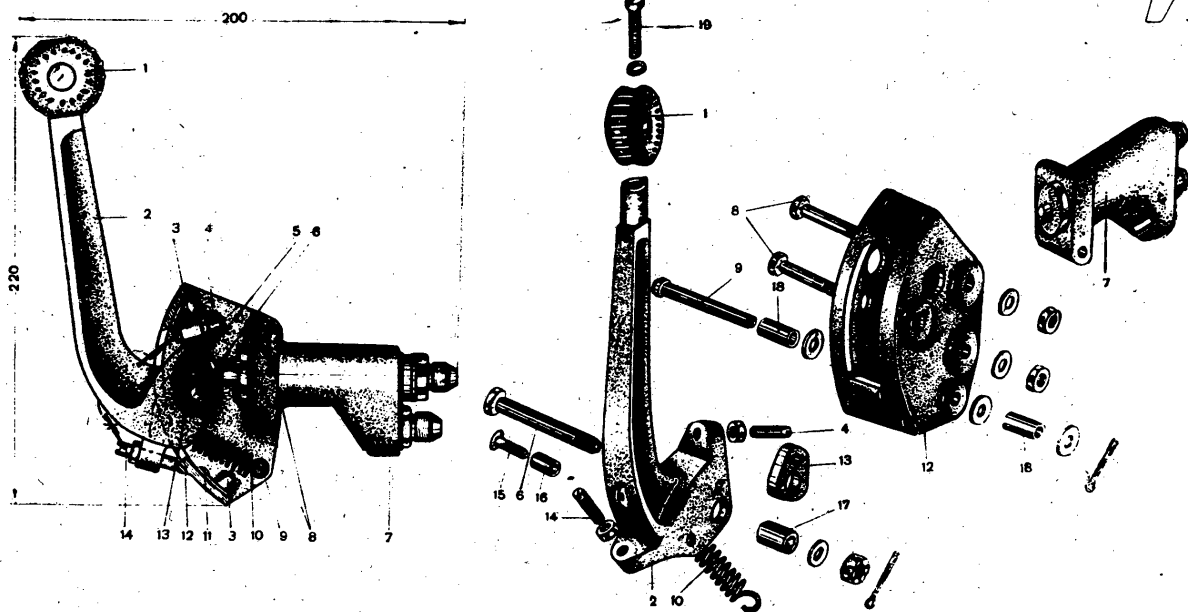


Fig.123. Emergency braking valve PU-7 being installed on the aircrafts with Nos. starting from 6450205,0616601,530511901.

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	2341,5-8-16	Washer /see Fig.55,Book V/	2	1,5	
	2x20 stand.				
	397-41				
13	5511-2	Cotter pin /see Fig.110,Book V/	2		
14	5511-11	Geared segment 44x29x10	1	35	37XH3A
15	140606	Pinion 12x34x34	1	57	37XH3A
	234A1,5-6-14	Nut /see Fig.53,Book V/	1	1,5	
	1,5x15 stand.	Washer /see Fig.55,Book V/	1		
	397-41				
16	129100,8-14-32	Cotter pin /see Fig.110,Book V/	1		
Assemb-		Spring /see Fig.61,Book V/	1	1,5	
ly A	5511-30 /assy/1	Undercarriage control cock 92x110x85	1	790	
17	5518-33 ¹	Axle 35x16x16	1	32	30XICA
18	5511-37 ¹	Washer 16x16x1,5	1	1	41T
19	5511-38 ¹	Ring 10,8x16,5x16,5x3	1	1	Rubber B 14
20	5511-42 ¹	Mounting disk 52x52x3	1		41T
21	5511-31 ¹	Body 34x52x52	1	385	12XH3A
22	5511-36 ¹	Ring 40,5x46,8x46,8x2,2	1		Rubber B 14
23	5511-32 ²	Piston valve 38,5x29x38,5	1	94	bpC305
24	129102-19-27 ¹	Spring /see Fig.61,Book V/	1	9	
25	5574-2	Ring 6,1x11,5x11,5x2,5	1	2	Rubber B 14
26	5511-34 ¹	Piston 12,5x11x11	1	8,7	nc59-1
27	5511-35 ¹	Cover 48,5x50x50	1	31	41T
28	6-22 Steel-45				
	stand.555-41	Elbow /see Fig.57-1,Book V/	2	29	
29	5511-41 ¹	Union body 35x35x17	2	51	Steel 45 not stamp.

¹ Is being installed on the aircrafts with Nos.starting from 6450205.

² Is being installed on the aircrafts with Nos.starting from 6450001,0016601,00500101 up to 6450204,0516605.

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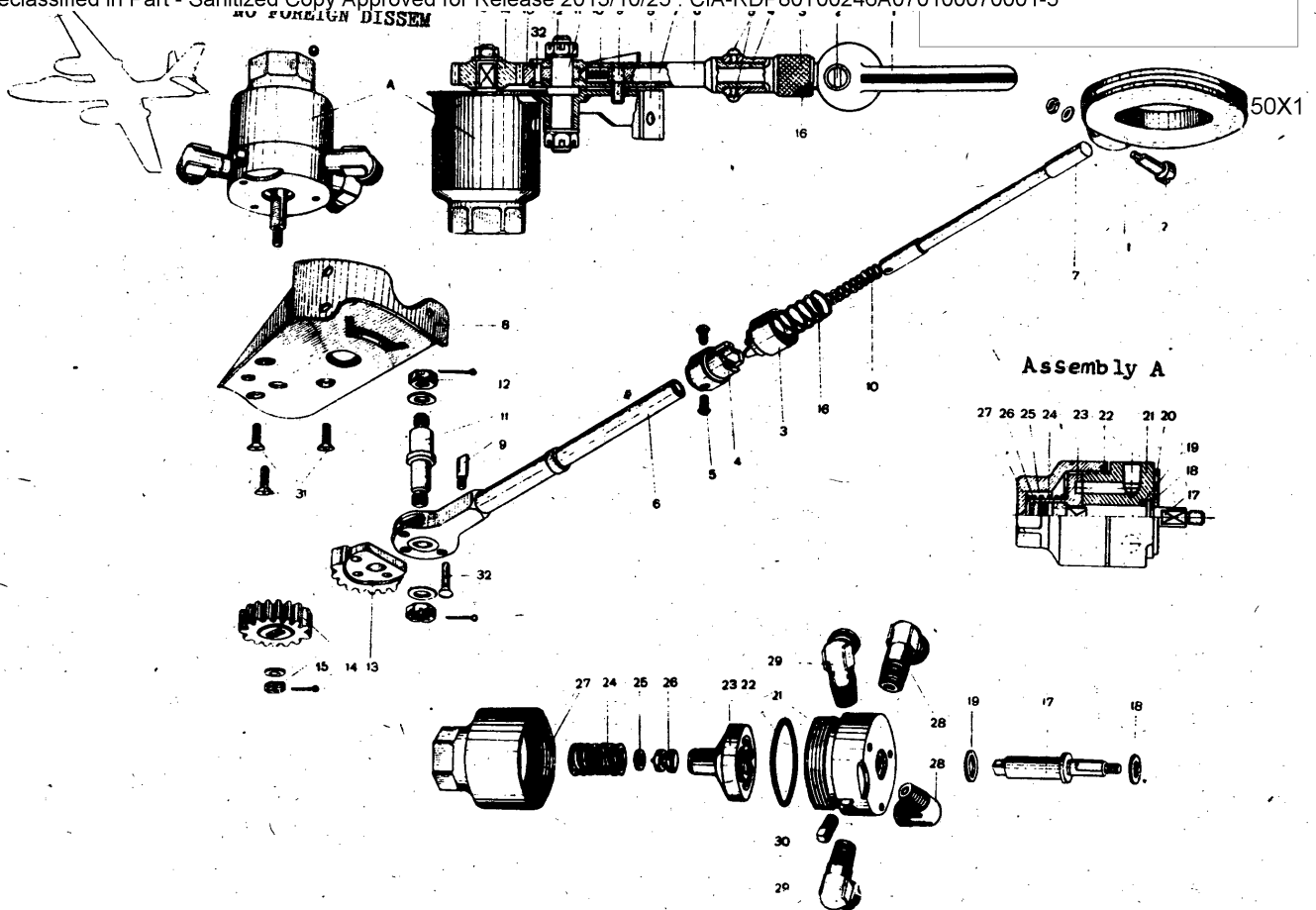


Fig.124. Undercarriage control cock.

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124	30	5511-39 ¹	Plug 14x9x9	1	8,4	Steel 50X1
	31	131806-10 ¹	Screw /see Fig.52-1,Book V/	3	2,6	Steel 45
	32	875A3,5-16	Rivet /see Fig.54,Book V/	3	1	
	Assemb- ly A	625300 ²	Undercarriage control cock /finished product/	1	274	
	6	5511-3 ²	Lever 158x30x16	1	113	30X10A
	8	5511-10 ²	Support bracket 104x89x40	1	240	
	14	5511-1 ²	Pinion 34x34x12	1	57	37XH3A
	29	6-22 Steel 45 stand.555-41 ²	Elbow /see Fig.57-1,Book V/	3	25	
125		5543-0 /assy/	Installation of the release cocks	1	685	
	1	5592-0-2 /assy/	Pressure gauge cock 50x50x92	1	147	
	2	110307-4-10	Rivet /see Fig.54,Book V/	2		
	3	5543-2	Label /instruction plate/ 50x50	2	2	Tinned plate AA- 42
	4	5543-10	Support bracket /welded/ 144x85x108	1	356	
	5	110637-600	Air releasing cock /see Fig.105/	1	130	
	6	110307-3-12	Rivet /see Fig.54,Book V/	10	1	
	7	851A2,3-6	Rivet /see Fig.54,Book V/	10		
	8	5543-1	Label /instruction plate / 144x32	1	12	Tinned plate AA- 42
	9	131506-10	Bolt /see Fig.52-1,Book V/	2	2	
		140006	Nut /see Fig.53,Book V/	2	3	
		234A1-3-14	Washer /see Fig.55,Book V/	2	1	
		5543-0-2	Seal	2	2	AMM T6x 4,1-6
	10	5543-0-1	Locking wire	2	1	KO O,8
		5592-3	Handle 46x22x12	1	5	M05 T4 casting

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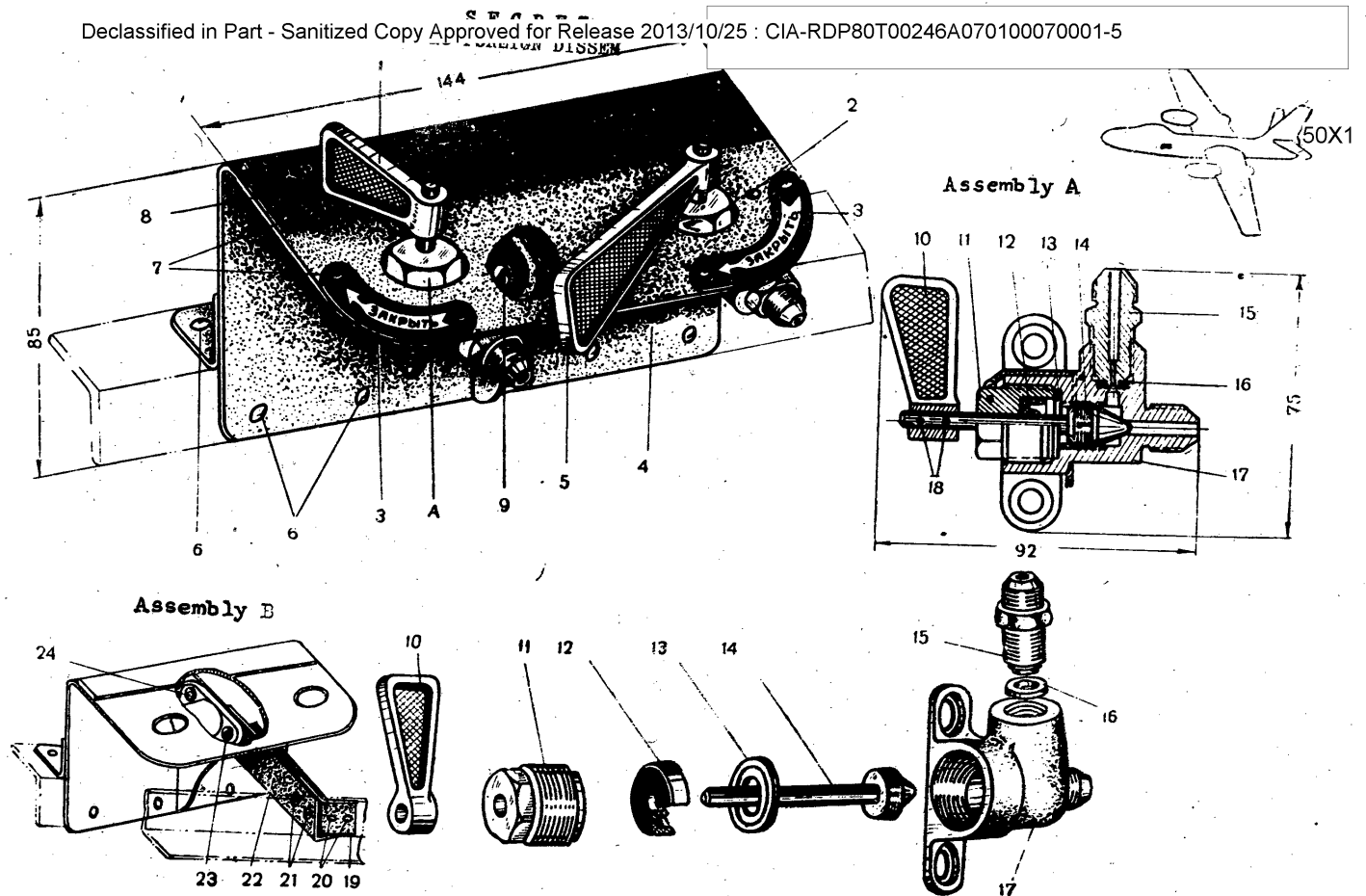


Fig.125. Installation of the release cocks.

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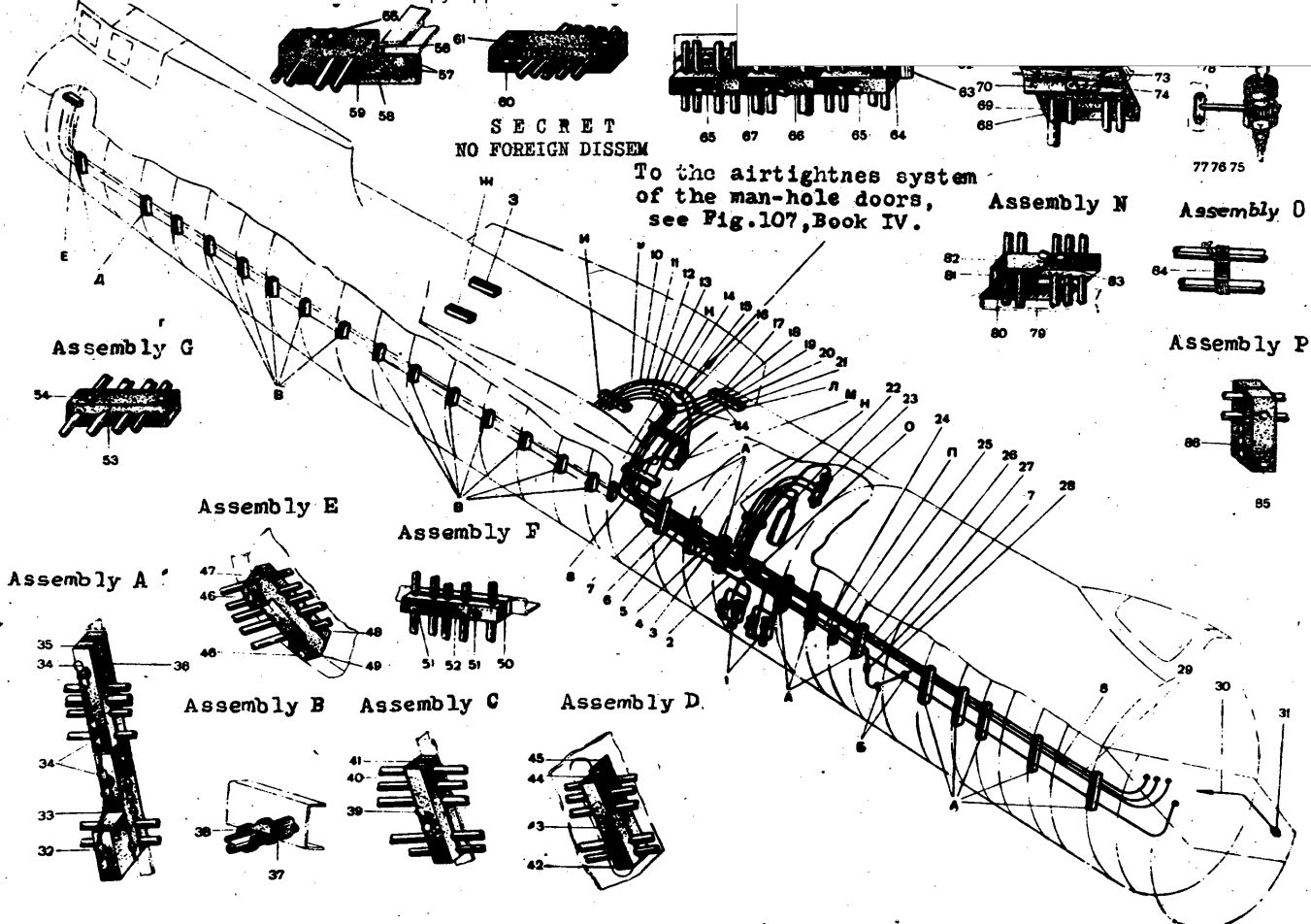
125	11	5592-4	Gland nut 20x23x23	1	12	Steel 50X1
	12	5592-5	Seal ring 6x18x18x6	1	1	Pressed Rubber B 14
	13	5592-6	Gasket 20x20x2	1	1	M1
	14	5592-2	Needle 66x15x15	1	13	30XTCA
	15	5592-7	Union body 45x17x17	1	38	Steel 45 hot stamp.
	16	5592-8	Ring 5x10x10x2,5	1	1	Rubber B 14
	17	5592-1	Body 57x62x30	1	23	AK6 hot stamp.
	18	Steel 45-28x12 stand 3128-46	Cylindrical pin /see Fig.110,Book V/	2	1	
		5592-0-3	Locking wire	2	1	KO 0,8
Assemble	19	5543-0-4	Angle	1	7	A16T IIP 100-10, l= 23
ly B	20	852A3 5-18	Rivet /see Fig.54,Book V/	2	1	
	21	1315C4-10	Bolt /see Fig.52-1,Book V/	2	2	
		1400C4	Nut /see Fig.53,Book V/	2	1	
		234A1-4-8	Washer /see Fig.55,Book V/	2	1	
	22	5543-0-3	Angle	1	36	A16T IIP 100-7, l= 164
	23	1315C6-14	Bolt /see Fig.52-2,Book V/	1	3	
		1400C6	Nut /see Fig.53,Book V/	1	3	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
	24	1315C6-12	Bolt /see Fig.52-1,Book V/	1	3	
		1400C6	Nut /see Fig.53,Book V/	1	3	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	

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126	5540-0 /assy/	Air piping installation on the star-board-side of the fuselage.	1	23,111kg	50X1
1	5504-0 /assy/	Installation of the pressure reducing valves /see Fig.127-1/	1	2735	
2	5540-0-B186	Pipe	1	155	AMrM T8x6 1= 1925
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5500-2-1	Label 50x30	2		OC59-1 NO,5
	5540-0-7	Seal	2	2	AMrII T6x4 1 = 6
3	5540-0-B209	Pipe	1	165	AMrM T8x6 1= 2740
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,V Book/	2	12	
	5500-2-1	Label 50x30	2		OC59-1 NO,5
	5600-0-7	Seal	2	2	AMrII T6x4 1 = 6
4	5540-0-B107	Pipe	1	170	AMrM T8x6 1= 2850
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5500-2-1	Label 50x30	2		OC59-1 NO,5
	5540-0-7	Seal	2	2	AMrII T6x4 1 = 6
5	5540-0-B105	Pipe	1	127	AMrM T8x6 1= 2105
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	

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To the airtightness system of the man-hole doors, see Fig.107, Book IV.

50X1

Fig.126. Air piping installation on starboard side of the fuselage being installed on the aircrafts with Nos.starting from 6450001,0016601,30500101 up to 6450204,0516605,30501810. SECRET

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126	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Label 50x30	2	12	50X1
	5500-2-1		2		NC59-1 NO,5
	5540-0-7	Seal	2	2	AMrII T6x 4,l= 6
6	5540-0-B98	Pipe	1	152	AMrM T8x6 l=2520
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Label 50x30	2	12	
	5500-2-1		2		NC59-1 NO,5
	5540-0-7	Seal	2	2	AMrII T6x 4,l= 6
7	6 Steel 45 stand. 553-41	Union body /see Fig.57-1,Book V/	2	26	
8	10 Steel 45 stand. 553-41	Union body /see Fig.57-1,Book V/	2	41	
9	5540-0-B226	Pipe	1	33	AMrM T8x 6, l=545
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Label 50x30	2	12	
	5500-2-1		2		NC59-1 NO,5
	5540-0-7	Seal	2		AMrII T6x 4,l= 6
10	5540-0-B87	Pipe	1	47	AMrM T8x6 l= 775
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/ Label 50x30	2	12	
	5500-2-1		2		NC59-1 NO,5

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126							
		5540-0-7	Seal	2	2	AMrII T6x	50X1
11		5540-0-I33	Pipe	1	150	5, l= 6	
		10 stand. 568-41	Nipple /see Fig.57-1,Book V/	2	5	AMrII T12x	
		10 Steel 45 stand.				10, l=1685	
		569-41	Cap nut /see Fig.57-2,Book V/	2	22		
		5500-2-2	Label 80x30	2			
		5540-0-7	Seal	2	2	MC59-1	
12		5540-0-B93 ¹	Pipe	1	34	NO,5	
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	AMrII T6x	4, l= 6
		6 steel 45 stand.				AMrII T8x6	l= 565
		569-41	Cap nut /see Fig.57-2,Book V/	2	12		
		5500-2-1	Label 50x30	2		MC59-1	
		5540-0-1	Seal	2	2	NO,5	
13		5540-0-B225	Pipe	1	35	AMrII T6x	4, l= 6
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	AMrII T8x6	l =580
		6 Steel 45 stand.					
		569-41	Cap nut /see Fig.57-2,Book V/	2	12		
		5500-2-1	Label 50x30	2		MC59-1	
		5540-0-7	Seal	2	2	NO,5	
14		6 Steel 45 stand.				AMrII T6x	4, l= 6
		562-41	Three-way union /see Fig.57-1,Book V/	3	9		

¹ Is being installed on the aircrafts with Nos.starting from 6450001,0016601,30500101 up to 6450204,0516605,30501810.

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126	15	6-4 Steel 45 stand.								
	16	565-41 5540-O-B211	Three-way union /see Fig.57-1,Book V/ Pipe	1 1	14 8					50X1 AMrM T8x6 l= 115
		6 stand.568-41 6 Steel 45 stand. 569-41 5500-2-1	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Label 50x30	2 2 2	3 12					OC59-1 NO,5
		5540-O-7	Seal	2	2					AMrII T6x 4, l= 6
	17	5540-O-B89	Pipe	1	87					AMrM T8x6 l = 1455
		6 stand.568-41 6 Steel 45 stand. 569-41 5500-2-1	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Label 50x30	2 2 2	3 12					OC59-1 NO,5
		5540-O-7	Seal	2	2					AMrII T6x 4, l= 6
		5540-O-B-94	Pipe	1	120					AMrM T8x 6, l=000
		6 stand.568-41 6 Steel 45 stand. 569-41 5500-2-1	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/ Label 50x30	2 2 2	3 12					OC59-1 NO,5
		5540-O-7	Seal	2	2					AMrII T6 x4, l= 6
	19	5540-O-B91	Pipe	1	92					AMrM T8x 6, l=1520
		6 stand.568-41 6 Steel 45 stand. 569-41	Nipple /see Fig.57-1,Book V/ Cap nut /see Fig.57-2,Book V/	2 2	3 12					

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	5500-2-1	Label 50x30	2		50X1 AC59-1
	5540-0-7	Seal	2	2	AO,5 AMrII T6x 4, l= 6
20	5540-0-B99	Pipe	1	108	AMrM T8x6
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5500-2-1	Label 50x30	2		AC59-1
	5540-0-7	Seal	2	2	AO,5 AMrII T6x 4, l= 6
21	5540-0-B191	Pipe	1	130	AMrM T8x6 l = 2155
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5500-2-1	Label 50x30	2		AC59-1
	5540-0-7	Seal	2	2	AO,5 AMrII T6x 4, l= 6
22	5505-0 /assy/	Installation of the emergency compressed air bottle /see Fig.112/	1	7390	
23	4161-0 /assy/	Control mechanism of the locks securing the undercarriage in retracted position /up-position locks/ /see Fig.107/	1		
24	5540-0-B185 ¹	Pipe	1	290	AMrM T8x6 l = 4780
	6 stand. 568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5500-2-1	Label 50x30	2		AC59-1
	5540-0-7	Seal	2	2	AO,5 AMrII T6x 4, l= 6

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25	5540-O-B101	Pipe	1	190	50X1 AMrM T8x6 l= 3115
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5500-2-1	Label 50x30	2		
	5540-O-7	Seal	2	2	JC59-1 JO 5 AMrII T6x 4, l= 6
26	5540-O-B108	Pipe	1	280	AMrM T8x6, l= 4670
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5500-2-1	Label 50x30	2		
	5540-O-7	Seal	2	2	JC59-1 JO,5 AMrII T6x 4, l= 6
27	5540-O-I76	Pipe	1	195	AMrM T12x 10, l= 2170
	10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
	10 Steel 45 stand. 569-41	Cap nut /see Fig.57-1,Book V/	2	22	
	5500-2-2	Label 80x30	2		
	5540-O-7	Seal	2	2	JC59-1 JO,5 AMrII T6x 4, l= 6
28	5540-O-B109	Pipe	1	350	AMrM T8x6 l= 5510
	6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
	6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
	5500-2-1	Label 50x30	2		

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126		5540-0-7	Seal	2	2	AMrII T50X1 4, l= 6
	29	5540-0-T47	Pipe	1	400	AMrM T12 x10, l= 4450
		10 stand.568-41	Nipple /see Fig.57-1,Book V/	2	5	
		10 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	22	
		5500-2-2	Label 80x30	2		JC59-1 J0,5
		5540-0-7	Seal	2	2	AMrII T6 x4, l= 6
	30	5540-0-B142	Pipe	1	50	AMrM T8x 6, l=840
		6 stand.568-41	Nipple /see Fig.57-1,Book V/	2	3	
		6 Steel 45 stand. 569-41	Cap nut /see Fig.57-2,Book V/	2	12	
		5500-2-1	Label 50x30	2		JC59-1 J0,5
		5540-0-7	Seal	2	2	AMrII T6 x4, l= 6
	31	6 Steel 45 stand. 554-41	Flanged union /see Fig.57-1,Book V/	1	46	
		6 Steel 45 stand. 570-41	Safety nut /see Fig.57-1,Book V/	1	14	
		234A1,5-14-22	Washer /see Fig.55,Book V/	1	1	
	Assemb- ly A. 32	5540-60-6	Bolt for the formers Nos.11 and 13 11x30x62	2	19	
		5540-60-8	Bolt for the formers Nos.15,16,17,18,19, 20,21,22 11x30x48	8	15	
		1414C6	Butterfly nut /see Fig.53,Book V/	10	7	
		234A1-6-14	Washer /see Fig.55,Book V/	10	1	

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	1640C3-8	Rivet /see Fig.54,Book V/	20			50X1
33	5540-0-16	Locking wire	1	20		KC 1, 1- 4000
34	5540-50-8	Bolt 1lx30x68	30			
	1414C6	Butterfly nut /see Fig.53,Book V/	30	7		
	234A1-6-14	Washer /see Fig.55,Book V/	30	1		
	1640C3-8	Rivet /see Fig.54,Book V/	60			
35	5540-17-1	Pipe holding block 15x42x212	2	100		Textolite
	5540-17-2	Pipe holding block 15x42x212	8	92		Textolite pulp AMuAM NO,3
36	5540-0-6	Butt strip 12x300	8	3		
Assemb- ly B						
37	1315C5-12	Bolt /see Fig.52-1,Book V/	2	2		
	1400C5	Nut /see Fig.53,Book V/	2	1		
	15A5	Spring washer /see Fig.55,Book V/	2			
38	60.2104	Band fastener /see Fig.60-2,Book V/	2	4		
Assemb- ly C						
39	5540-60-2	Bolt 1lx30x46	15	14		
	1414C6	Butterfly nut /see Fig.53,Book V/	15	7		
	234A1-6-14	Washer /see Fig.55,Book V/	15	1		
40	5540-25	Pipe holding block 15x25x63	15	25		Textolite
41	5540-0-6	Butt strip 12x140	15	1		AMuAM NO,3
Assemb- ly D						
42	5540-25	Pipe holding block 15x25x63	1	25		Textolite
43	1304C5-40	Bolt /see Fig.52-2,Book V/	1	7		
	1400C5	Nut /see Fig.53,Book V/	1	1		
	15A5	Spring washer /see Fig.55,Book V/	1			
44	5540-0-6	Butt strip 12x140	1	1		AMuAM NO,3

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126	45	5540-0-11	Angle	1	20	50X1 A 16T lip 100-6, 1-60
		1315C5-12	Bolt /see Fig.52-1,Book V/	2	2	
		1400C4	Nut /see Fig.53,Book V/	2	1	
		15A4	Spring washer /see Fig.55,Book V/	2		
	Assemb- ly E					
	46	1304C5-42	Bolt /see Fig.52-2,Book V/	4	7	
		1414C5	Butterfly nut /see Fig.53,Book V/	4	5	
		234A1-5-12	Washer /see Fig.55,Book V/	4	1	
	47	5540-0-6	Butt strip 12x140	4	1	AMuAM 10,3
	48	5540-28	Pipe holding block 15x28x84	2	60	Textolite
	49	5540-29	Washer 11x11x3	4	1	Steel 45
	Assemb- ly F					
	50	5540-0-6	Butt strip 12x140	1	1	AMuAM 10,3
	51	1304C5-36	Bolt /see Fig.52-2,Book V/	2	6	
		1414C5	Butterfly nut /see Fig.53,Book V/	2	5	
		234A1-5-12	Washer /see Fig.55,Book V/	2	1	
	52	5540-27	Pipe holding block 15x23x87	1	38	Textolite
	53	5540-51	Pipe holding block 15x28x91	1	36	Textolite
	54	1304C6-34	Bolt /see Fig.52-2,Book V/	2	10	
		1425C6	Nut /see Fig.53,Book V/	2	3	
		234A1-6-12	Washer /see Fig.55,Book V/	2	1	
		1.5x20 stand.				
		397-41	Cotter pin /see Fig.110,Book V/	2		
	Assemb- ly H					
	55	5540-60-3	Bolt 11x30x50	1		
		1414C6	Butterfly nut /see Fig.53,Book V/	1	7	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	

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126	56	164003-8	Rivet /see Fig.54,Book V/	2			
	57	5540-0-6 111307-4-10	Butt strip 12x140 Rivet /see Fig.54,Book V/	1 2	1		50X1
	58	5540-0-14	Angle /see Fig.82-4,Book V/	1	32	AMuAM 50.3 A16T IIP 101-6, 1-135	
	59	5540-24	Pipe holding block 15x30x62	1	38	Textolite	
	Assemb- ly I						
	60	5540-49	Pipe holding block 15x24x114	1	52	Textolite	
	61	130406-32 141808 234A1-6-12 1.5x20 stand. 397-41	Bolt /see Fig.52-2,Book V/ Nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/ Cotter pin /see Fig.110,Book V/	1 2 2 2 2	9 4 1		
	Assemb- ly K						
	62	111307-4-10 111307-4-12	Rivet for the stringer No.7 /see Fig.54,Book V/ Rivet for the stringer No.9 /see Fig.54,Book V/	10 10	1 1		
	63	5540-0-18 5540-0-17	Angle for the stringer No.7 /see Fig.82-4,Book V/ Angle for the stringer No.9 /see Fig.82-4,Book V/	1 1	32 38	A16T IIP 100-6, 1-190 A16T IIP 100-8, 1-190	
	64	5540-50-2 5540-0-6	Bolt 11x30x50 /welded/ Butt strip 12x300	6 2	12 3	AMuAM 50.3	
	65	141405 234A1-5-12	Butterfly nut /see Fig.53,Book V/ Washer /see Fig.55,Book V/	6 6	5 1		

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126						
		1640C3-8	Rivet /see Fig.54,Book V/	12		50X1
	66	5540-0-16	Locking wire		3	KO 1
	67	5540-48	Pipe holding block 15x32x205	2	80	
	Assemb-ly L					
	68	5540-5	Pipe holding block 15x50x75	1	56	Textolite
	69	5540-0-6	Butt strip 12x200	1	2	AMuAM 0.3
	70	5540-0-3	Angle /see Fig.82-4,Book V/	1	15	AlT IIp 100-6, 1 = .80
	71	111307-4-14	Rivet /see Fig.54,Book V/	2	1	
	72	111307-4-16	Rivet /see Fig.54,Book V/	1	1	
	73	5540-0-19	Plate 14x80	1	12	Al16T J14
	74	5540-60-4	Bolt 11x30x66 /welded/	1	19	
		141406	Butterfly nut /see Fig.53,Book V/	1	7	
		234A1-6-14	Washer /see Fig.55,Book V/	1	1	
		1640C3-8	Rivet /see Fig.54,Book V/	2		
	Assemb-ly M					
	75	111646-6-6	Non-return valve /see Fig.101,Book V/	1	264	
	76	5540-45	Band fastener 38x39x101 /welded/	1	29	
	77	1315C5-10	Bolt /see Fig.52-1,Book V/	2	2	
		1400C5	Nut /see Fig.53,Book V/	2	2	
		15A5	Washer spring /see Fig.55,Book V/	2		
	78	6 Steel 45 stand. 560-41	Screw-in three-way union /see Fig. 57-1,Book V/	1	36	
	Assemb-ly N					
	79	5540-0-1	Angle /see Fig.82-4,Book V/	1	11	Al16T IIp 100-6, 1 = 76

126	80	11307-4-14	Rivet /see Fig.54,Book V/	1	1	50X1
	81	5540-1	Pipe holding block 15x28x81	1	32	Textolite
	82	5540-6	Butt strip 12x140	1	1	AMuAM
	83	5540-60-2	Bolt 11x30x46 /welded/	1	14	NO,3
		141406	Butterfly nut /see Fig.53,Book V/	1	7	
		234A1-6-11	Washer /see Fig.55,Book V/	1	1	
		1640C3-8	Rivet /see Fig.54,Book V/	2		
	Assemb-ly O					
	84	5540-0-9	Rubber cord		22	Ø 2 + 4, 1.=2000
	Assemb-ly P					
	85	1304C5-32	Bolt /see Fig.52-2,Book V/	2	6	
		1400C5	Nut /see Fig.53,Book V/	2	2	
		15A5	Spring washer /see Fig.55,Book V/	2		
	86	5540-41	Pipe holding block 15x28x83	1	30	Textolite

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UNDERCARRIAGE

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