



# NVS 7

## NIGHT VISION GOGGLES

NSN : 5855-20-000-8284

# NVS 7

## ILLUSTRATED PARTS CATALOG

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## **ILLUSTRATED PARTS CATALOG**

### **Introduction**

The present Catalog is an illustrated list of main parts and assemblies completing the Night Vision Goggles NVS 7, here in after referred to as NVS 7.

In case of failure of any part or assembly therefore, the Operator should replace it by borrowing the respective part/assembly from spare parts inventory. The amount and assortment of the spare parts should be arranged with each contract individually.

How to Use the Catalog.

Referring to the Table of Contents, determine the number of the respective Figure, find the item you need there on and determine the designation and Description of the part/assembly with the use of the detailed parts list.

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**Parts List**



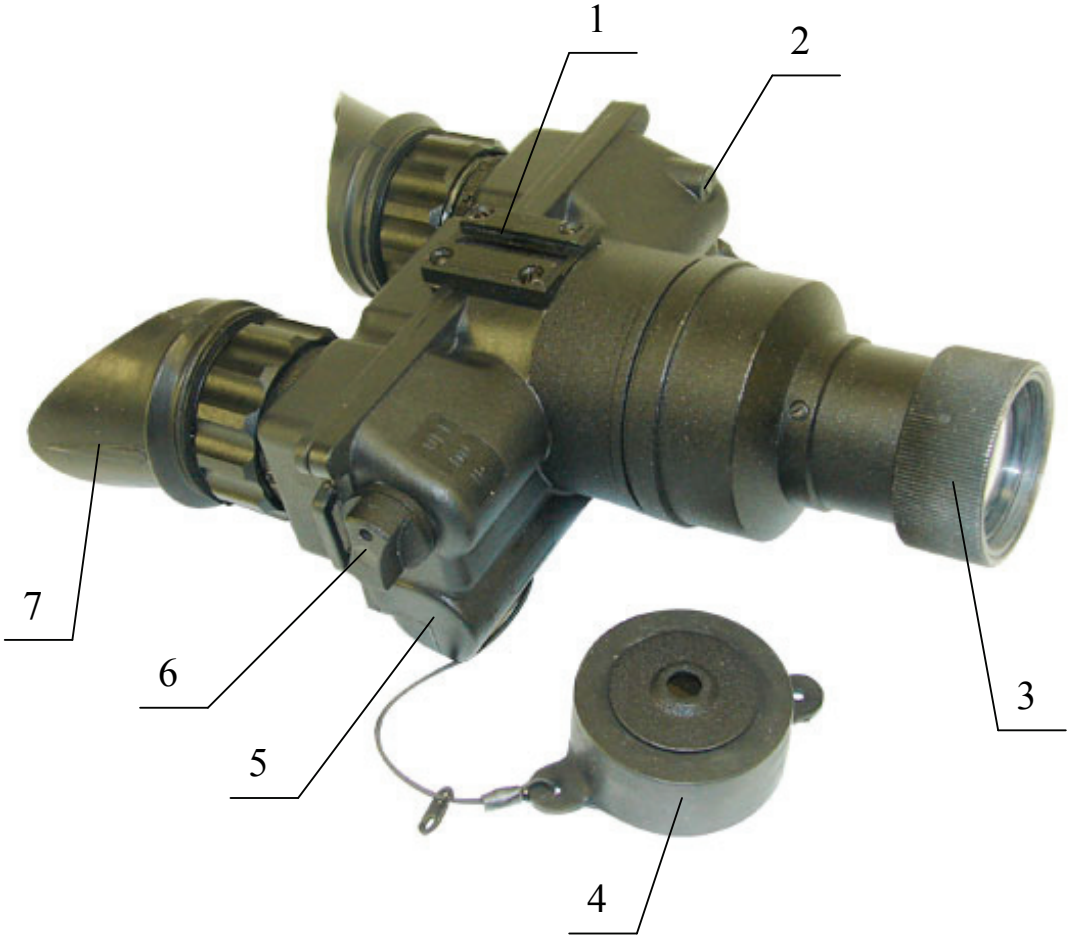
**Fig. 1.**

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## ILLUSTRATED PARTS CATALOG

Fig.	Item	Part number	Description	Units per assy	Interchangeability and modification
<b>1</b>		<b>SAGR 201211.700</b>	<b>NVS 7</b>	<b>1</b>	
	1	SAGR 301524.704	Hinge mechanism	1	
	2	SAGR 201371.709	Objective Lens	1	
	3	SAGR 201211.700	Goggles (See Fig.2 and 3 for details)	1	
	4	SAGR 301542.702	Head Harness (See Fig.5 for details)	1	
	5	SAGR 301547.708	Head straps	1	

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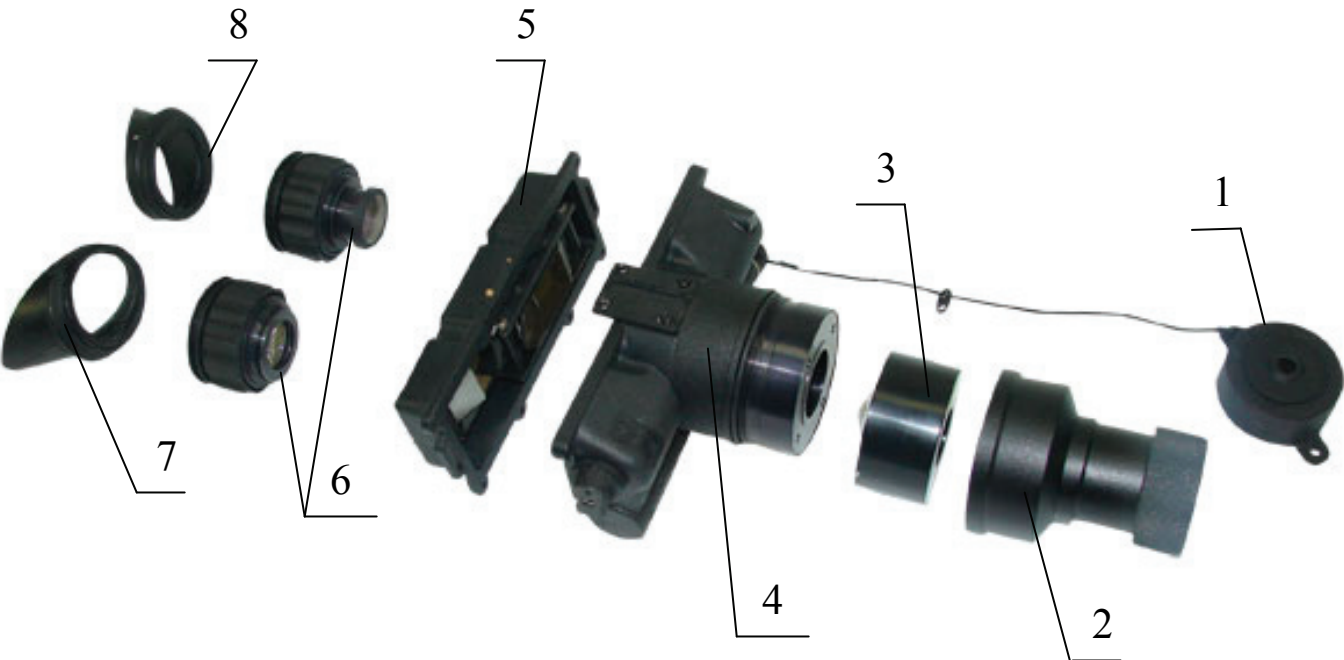
**Fig. 2.**

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### ILLUSTRATED PARTS CATALOG

Fig.	Item	Part number	Description	Units per assy	Interchangeability and modification
<b>2</b>		<b>SAGR 201211.700</b>	<b>GOGGLES</b>	<b>1</b>	
	1	SAGR 745413.707	Bracket	1	
	2	aAO.339.090 TU	IR Illuminator (Diode 3L118-A)	1	
	3	SAGR 201371.709	Objective Lens	1	
	4	SAGR 203419.701	Lens Cap	1	
	5	TU.16-529.858-74	Battery (AA)	2	
	6	OYUO.360.068 TU	Switch (PG2-17-3P4NV)	1	
	7	ASCHE.8.647.003	Rubber Eye-Cup	2	

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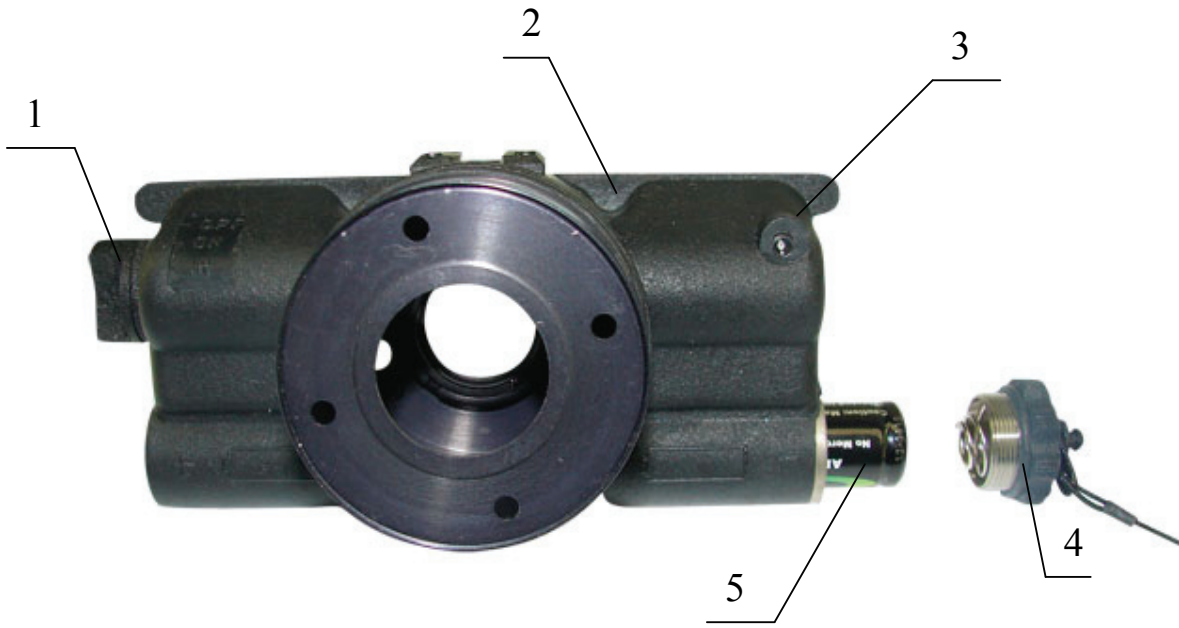


**Fig. 3.**

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Fig.	Item	Part number	Description	Qty	Interchangeability and modification
<b>3</b>		<b>SAGR 201211.700</b>	<b>GOGGLES</b>	<b>1</b>	
	1	SAGR 745419.701	Lens Cap	1	
	2	SAGR 201371.709	Objective Lens	1	
	3	<b>NC064322 / NCXT4322 / N3064322 / N3XT4322</b>	Image Intensifier Tube	1	
	4	SAGR 203121.704	Plastic Body (with power supply and IR illuminator)	1	
	5	SAGR 203521.704	Prism assembly	1	
	6	SAGR 203521.718	Eyepiece (right)	1	
	7	ASCHE 8.647.003	Rubber Eye-Cup	1	
	8	SAGR 203521.717	Eyepiece (left)	1	

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**PLASTIC BODY**



**Fig. 4.**

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### ILLUSTRATED PARTS CATALOG

Fig.	Item	Part number	Description	Units per assy	Interchangeability and modification
<b>4</b>		<b>SAGR 203121.704</b>	<b>PLASTIC BODY</b> (with power supply and IR illuminator)	<b>1</b>	
	1	OYUO.360.068 TU	Switch (PG2-17-3P4NV)	1	
	2	SAGR 203121.704	Plastic Body	1	
	3	aAO.339.090 TU	IR illuminator (Diode 3L 118A)	1	
	4	SAGR 301255.700	Battery House Cover	1	
	5	TU.16-529.858-74	Battery (AA)	2	

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**HEAD HARNESS**



Fig. 5.

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Fig.	Item	Part number	Description	Units per assy	Interchangeability and modification
<b>5</b>		<b>SAGR 301524.704</b>	<b>HEAD HARNESS</b>	<b>1</b>	
	1	SAGR 301547.708	Head strips	5	
	2	SAGR301542.702	Head harness	1	
	3	SAGR 301524.704	Hinge mechanism	1	
	4	SAGR 745413.707	Bracket	1	
	5	SAGR 301547.704	Chin band	1	

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**4X CATADYOPTRIC LENS**



Fig. 6.

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Fig.	Item	Part number	Description	Qty	Interchangeability and modification
<b>6</b>		<b>SAGR 202371.705</b>	<b>4X CATADYOPTRIC LENS</b>	<b>1</b>	
	1	SAGR 711163.702	Cover	1	
	2	SAGR 202371.705	4x Catadyoptric lens	1	
	3	SAGR 203129.708	Cover	1	

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**Fig. 7 SOFT CARRYING BAG**

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Fig.	Item	Part number	Description	Qty	Interchangeability and modification
<b>7</b>		<b>SAGR 203129.709</b>	<b>CASE</b>		
	1	SAGR 203129.709	Case	1	
	2	SAGR 203129.708	Carrying strap	1	

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**NEWCON-OPTIK INDEX**

Part number	Branch code	Description	Fig.	Item	Ttl red
<b>SAGR 293129.709</b>		<b>Case</b>	<b>7</b>	<b>(1)</b>	
<b>SAGR 754413.707</b>		<b>Bracket</b>	<b>2</b>	<b>(1)</b>	
<b>SAGR 754413.707</b>		<b>Bracket</b>	<b>5</b>	<b>(4)</b>	
<b>SAGR 203129.708</b>		<b>Carrying strap</b>	<b>7</b>	<b>(2)</b>	
<b>SAGR 203121.704</b>		<b>Casing objective</b>	<b>4</b>	<b>(1)</b>	
<b>SAGR 203121.704</b>		<b>Casing objective (with power supply and IR illuminator)</b>	<b>3</b>	<b>(1)</b>	
<b>SAGR 301547.704</b>		<b>Chin band</b>	<b>5</b>	<b>(5)</b>	
<b>SAGR 201211.700</b>		<b>Goggles</b>	<b>1</b>	<b>(3)</b>	
<b>SAGR203129.708</b>		<b>Cover</b>	<b>6</b>	<b>(1)</b>	
<b>SAGR 301255.700</b>		<b>Cover</b>	<b>4</b>	<b>(1)</b>	
<b>SAGR 711163.702</b>		<b>Cover</b>	<b>6</b>	<b>(1)</b>	
<b>SAGR 745419.701</b>		<b>Cover</b>	<b>2</b>	<b>(4)</b>	
<b>SAGR 745419.701</b>		<b>Cover</b>	<b>3</b>	<b>(1)</b>	
<b>ASCHE.8.647.003</b>		<b>Eye-Cup</b>	<b>3</b>	<b>(7)</b>	
<b>ASCHE.8.647.003</b>		<b>Eye-Cup</b>	<b>2</b>	<b>(7)</b>	
<b>SAGR 301542.702</b>		<b>Head Harness</b>	<b>1</b>	<b>(4)</b>	
<b>SAGR 301542.702</b>		<b>Head Harness</b>	<b>5</b>	<b>(2)</b>	
<b>SAGR 301524.704</b>		<b>Hinge mechanism</b>	<b>1</b>	<b>(1)</b>	
<b>SAGR 301524.704</b>		<b>Hinge mechanism</b>	<b>5</b>	<b>(3)</b>	
<b>SAGR 301574.708</b>		<b>Head straps</b>	<b>5</b>	<b>(1)</b>	
<b>SAGR 301574.708</b>		<b>Head straps</b>	<b>1</b>	<b>(5)</b>	
<b>aAO.339.090 TU</b>		<b>IR illuminator (Diode 3L 118A)</b>	<b>2</b>	<b>(2)</b>	
<b>aAO.339.090 TU</b>		<b>IR illuminator (Diode 3L 118A)</b>	<b>3</b>	<b>(1)</b>	
<b>SAGR 203521.704</b>		<b>Prism assembly</b>	<b>3</b>	<b>(5)</b>	

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Part number	Branch code	Description	Fig.	Item	Ttl red
<b>NC064322</b>	/	<b>Image intensifier tube</b>	<b>3</b>	<b>(3)</b>	
<b>NCXT4322</b>	/				
<b>N3064322</b>	/				
<b>N3XT4322</b>					
<b>SAGR 202371.705</b>		<b>4x Catadyoptric Lens</b>	<b>6</b>	<b>(2)</b>	
<b>TU.16-529.858-74</b>		<b>Battery (AA)</b>	<b>2</b>	<b>(5)</b>	
<b>TU.16-529.858-74</b>		<b>Battery (AA)</b>	<b>4</b>	<b>(5)</b>	
<b>SAGR 201371.709</b>		<b>Objective Lens</b>	<b>1</b>	<b>(2)</b>	
<b>SAGR 201371.709</b>		<b>Objective Lens</b>	<b>2</b>	<b>(3)</b>	
<b>SAGR 201371.709</b>		<b>Objective Lens</b>	<b>3</b>	<b>(1)</b>	
<b>SAGR 203521.717</b>		<b>Eyepiece (left)</b>	<b>3</b>	<b>(8)</b>	
<b>SAGR 203521.718</b>		<b>Eyepiece (right)</b>	<b>3</b>	<b>(6)</b>	
<b>OYUO.360.068 TU</b>		<b>Switch (PG2-17-3P4NV)</b>	<b>2</b>	<b>(6)</b>	
<b>OYUO.360.068 TU</b>		<b>Switch (PG2-17-3P4NV)</b>	<b>4</b>	<b>(1)</b>	

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**Record of Revisions**

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