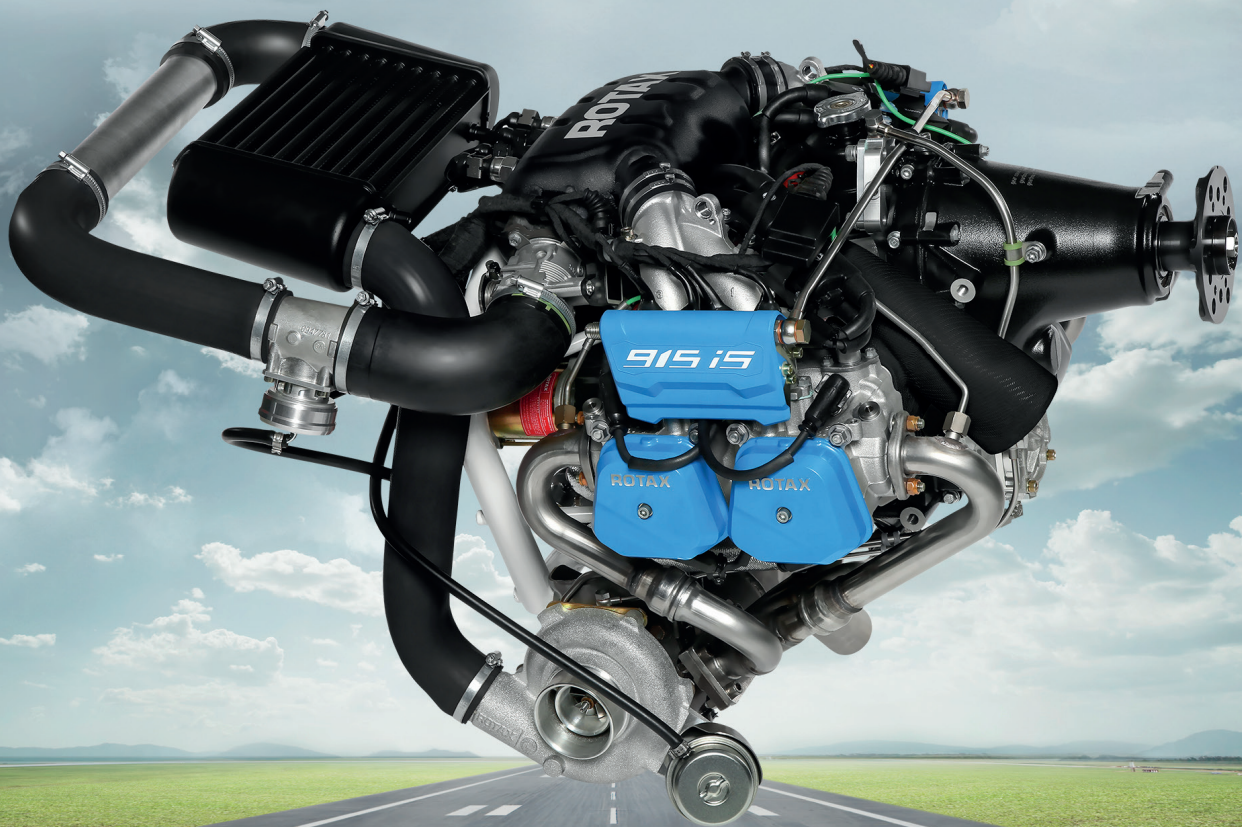


ILLUSTRATED PARTS CATALOG

FOR ROTAX® ENGINE TYPE 915 i A SERIES



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Approval*

The technical content of this document is approved under the authority of DOA ref.
EASA.21.J.048.

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Summary of amendments

Summary of the relevant amendments in this context, but without any claim to completeness.

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GENERAL NOTE

- Modification** The information and components-/system descriptions contained in this Illustrated Parts Catalog are correct at the time of publication.
BRP-Rotax, however, maintains a policy of continuous improvement of its products without imposing upon itself any obligation to install them on its products previously manufactured. BRP-Rotax reserves the right at any time to discontinue or change specification, designs, features, models or equipment without incurring obligation.
- Note** This Illustrated Parts Catalog is not an offer to sell parts, but a catalog illustrating the parts available at ROTAX® authorized distributors.
BRP-Rotax reserves the right to deliver the components (crankshaft, crankcase, special tools etc.) only to organizations with respective qualifications, and thus, these special components will not be listed in this IPC.
- Color variations** **Color variations on unpainted castings:**

On unpainted surfaces (i.e. aluminium cases) minor color variations (i.e. grey tone on aluminum surface) are possible due to the manufacturing process. Such possible color variations do not affect the quality of the product and are no reason for rejection - even a color variation on castings in differing areas is acceptable.
- Tightening torque** Generally all the fasteners on a ROTAX® engine are tightened with a torque wrench. The tightening torque must always be done according to the content of the latest Maintenance Manual Heavy for the respective engine type.
- Revision** This Illustrated Parts Catalog (IPC) will be revised once a year or as required.

NOTE

Date of issue or number of revision is printed on cover and bottom end of page.

BRP-Rotax ILLUSTRATED PARTS CATALOG

INTRODUCTION

Explanation

As obvious from the cover, this Illustrated Parts Catalog covers the current aircraft engines ROTAX® 915 i A Series. Certified and non-certified versions are available. Besides the engine-specific parts, the most popular accessories are listed too.

The ROTAX® engine of the type 915 iSc A has been certified in accordance with EASA CS-E.

The following ROTAX® engine is non-certified: ROTAX® 915 iS A.

PARTS ORDER

At a parts order for a certified engine, state details of application e.g. 915 iSc A certified to EASA CS-E.

For these parts an Authorized Release Certificate (FORM ONE TAG, see sample below) will be issued. For parts volume see enclosed packing slip.

1. Approving Competent Authority/Country Austro Control GmbH		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1			3. Form Tracking Number	
4. Approved Organisation Name and Address: ROTAX AIRCRAFT ENGINES BRP-Powertrain GmbH & Co KG A-4623 Gunsirichen, Austria Weiserstraße 32				5. Work Order/Contract/Invoice Delivery Note Date		
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial-No.	11. Status/Work	
12. Remarks						
Next overhaul after h or years of first operation Service Bulletin optional: ☐ Service Bulletin effect: ☐ Service Bulletin not applic.: ☐						
Displayed for : Limited life parts will normally be accompanied by maintenance history including life used						
13a. Certifies that the items identified above were manufactured in conformity to: ☒ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12			14a. ☐ Part-145.A.50 Release to Service ☐ Other Regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service			
13b. Authorised Signature <i>Electronic Signature on File</i>		13c. Approval/Authorisation Number AT.21G.0006		14b. Authorised Signature		
13d. Name		13e. Date (dd mm yyyy)		14c. Certificate/Approval Ref. No.		
				14d. Name		

EASA Form 1-21 Issue 2 Regarding User/Installer responsibilities, Import-Storage requirements please see reverse side PRINTED FROM ELECTRONIC FILE

Figure 1.1

NOTE

On all enquiries or spare part orders, always indicate engine serial number, as the manufacturer makes modification to engine for further development.

Engine serial number

When making inquiries or ordering parts, always indicate the engine serial number, as the engine manufacturer might make modifications to the engine in the course of product improvement. The engine serial number is on top of the crankcase, behind the propeller gearbox.

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ENGINE VIEW AND DENOMINATION OF THE CYLINDERS

PTO	power take off side
MAG	magneto side
Cyl. 1	Cylinder 1
Cyl. 2	Cylinder 2
Cyl. 3	Cylinder 3
Cyl. 4	Cylinder 4

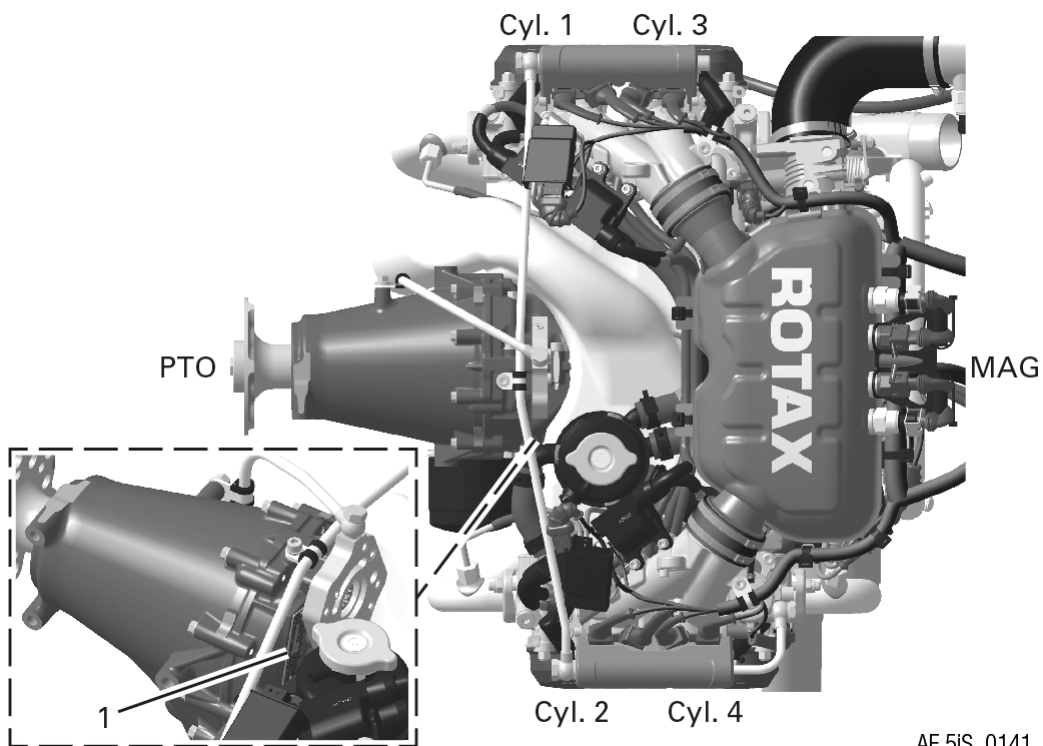


Figure 1.2: Engine view

1 Engine type plate

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REPEATING SYMBOLS

Safety notice

This catalog uses the following symbols to emphasize particular information. These indications are important and must be respected.

⚠ WARNING

Identifies an instruction which, if not followed, may cause serious injury or even fatal injury.

⚠ CAUTION

Identifies an instruction which, if not followed, may cause minor or moderate injury.

ATTENTION

Identifies an instruction which, if not followed, may severely damage the engine or could void any warranty.

NOTE

Indicates supplementary information which may be needed to fully complete or understand an instruction.

XXX In illustrations this sign indicates you the position of the current serial number (e.g. on crankshaft, camshaft, etc.).
In descriptions (in part no. column) this sign indicates you, that this part is described in an other chapter.

| A revision bar outside the page margin indicates a change to text or graphic.

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STRUCTURE

Exploded view

Each section starts with an exploded view of the type 915 i on the left side. The corresponding heading and the listing of the parts is on the right side and the following pages. The numbering on the exploded view is in the sequence of assembly as good as practicable.

For prevention of errors and to simplify exchange we tried best to list the part number of each component only once. But for better understanding components are frequently depicted without being listed, but referred to a respective section, if considered necessary.

Engine-column

For each engine type the right amount of spare parts per engine is listed in the relevant engine-column.

If the quantity is in brackets it indicates that the part is not absolutely necessary but optional on the respective engine type.

A small letter added to the number refers to information at the end of the section.

No number in the column parts per assembly indicates that this part is not planned for the respective engine.

Abbreviations

Find the following statements in the columns:

N	newly introduced part
s.v.	still valid, part was replaced by compatible component and can not be supplied any longer by the producer. Existing stock may be used.
n.a.	not available
NC	non-certified
AR	as required

ITEM No.	STATUS	PART No.	INDENT	Description	PARTS PER ENGINE		
					915 iS	915 iSc	SI-PAC
1 1	N	910899	.1	FUEL PUMP ASSY NC	1a	1	001
1	s.v.	910898	.1	FUEL PUMP ASSY	(1)	1	
2	n.a.	440042	..2	ALLEN SCREW M8x15	2	AR	

Figure 1.3

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REPAIR TOOLS

NOTE

All Repair tools are non-certified parts.

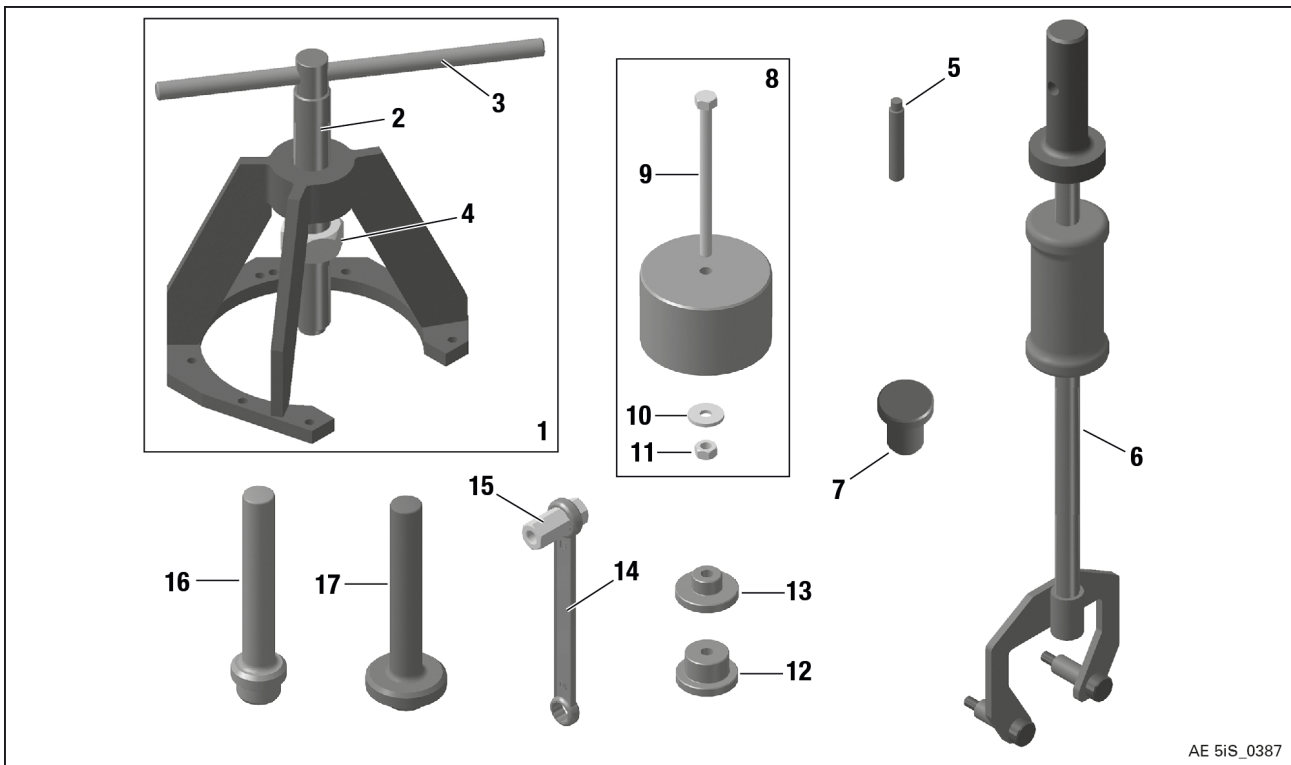


Figure 1.4: Repair tools

ITEM NO.	APPLICATION	ITEM NO.	APPLICATION
1-4	Roller bearing 25x25x15, oil seal 30x52x7	13	Ball bearing 15x32x8 - governor drive
5	Crankshaft locking screw M8x50	14	Ring wrench 10/13
6	Gearbox	15	Fixture for governor drive
7	Crankshaft (magneto side)	16	Ball bearing 15x32x8, needle sleeve - governor drive
8-11	Ball bearing 15x32x8 - oil inlet flange, oil inlet cover	17	Oil seal 22x32x7 - governor drive
12	Needle bearing 22x28x12 - governor drive		

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Item No.	Sta-tus	PART NO.	INDENT	DESCRIPTION	Parts per Engine	
					915 iS A	915 iSc A
1-4		877615	.1	EXTRACTOR ASSY.	1	1
2		877580	..2	PULL-IN SPINDLE M24x1.5	1	1
3		276155	..2	BOLT 12x250	1	1
4		842585	..2	HEX. SCREW M24x1.5	1	1
5		240880	.1	THREAD BOLT M8x50	1	1
6		877660	.1	PULLER ASSY.	1	1
7		877419	.1	PROTECTION MUSHROOM	1	1
8-11		876489	.1	PULLER ASSY.	1	1
9		941730	..2	HEX. SCREW M6x80	1	1
10		827305	..2	WASHER 6.2/18/2	1	1
11		242211	..2	HEX. NUT M6	1	1
12		877597	.1	PRESS-IN MUSHROOM	1	1
13		877595	.1	PRESS-IN MUSHROOM	1	1
14		876470	.1	RING SPANNER 10/13	1	1
15		242661	.1	DISTANCE NUT M8x33	1	1
16		276332	.1	INSERTION JIG ASSY.	1	1
17		877276	.1	INSERTION JIG ASSY.	1	1

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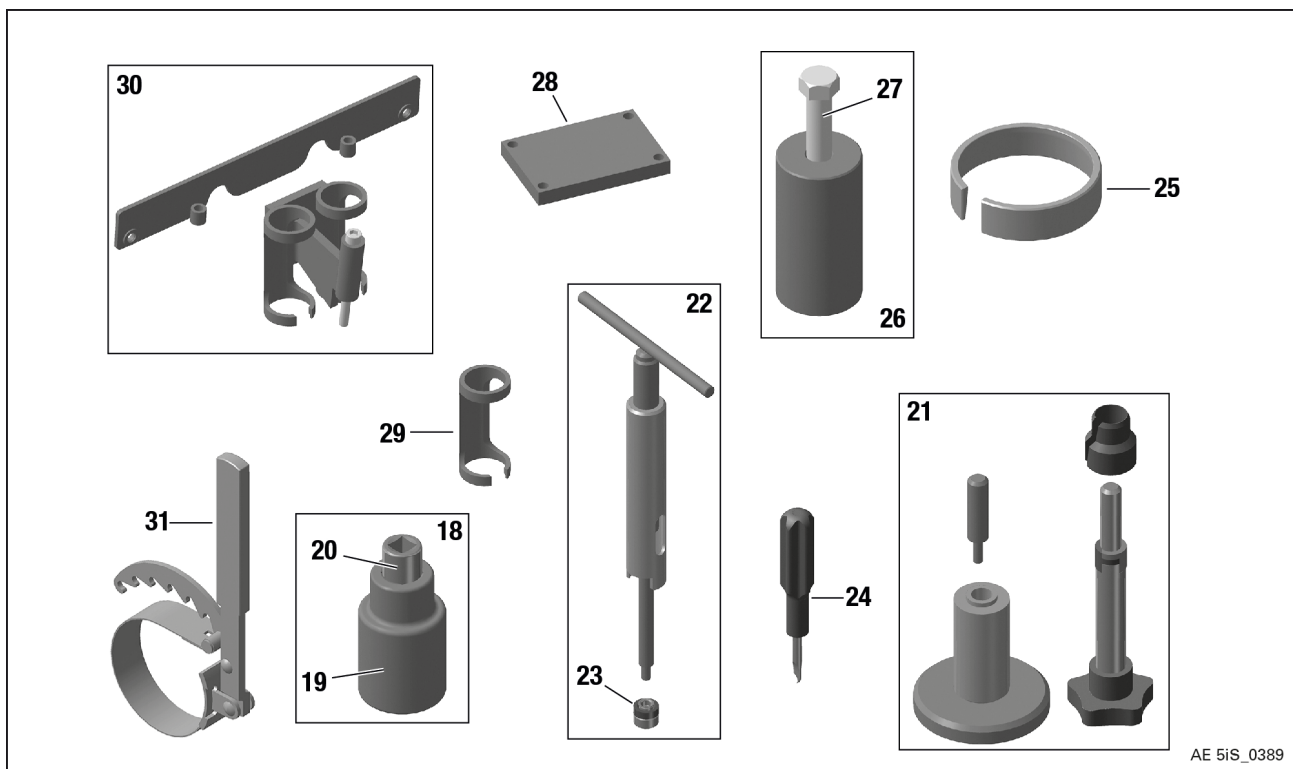


Figure 1.5: Repair tools

ITEM NO.	APPLICATION	ITEM NO.	APPLICATION
18-20	Drive gear, gearbox, gear set	26-27	Puller magneto hub
21	Fitting of piston pin circlips	28	To align cylinders
22-23	Fitting and removal of piston pin	29-30	Installation/Removal of valve spring
24	Monohook clips puller	31	Oil filter removal
25	Piston diameter 84 mm / 33 in.		

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Item No.	Sta-tus	PART NO.	INDENT	DESCRIPTION	Parts per Engine	
					915 iS A	915 iSc A
18-20		877445	.1	SOCKET WRENCH ASSY. 41x12.5	1	1
19		877440	..2	SOCKET WRENCH A/F 41x20	1	1
20		877460	..2	REDUCING SOCKET 3/4"-1/ 2"	1	1
21		877802	.1	CIRCLIP INSTALLATION TOOL	1	1
22-23		877091	.1	PISTON PIN EXTRACTOR ASSY.	1	1
23		877155	..2	EXTRACTING NUT ASSY.	1	1
24		976380	.1	MONOHOOK CIRCLIP REMOVER	1	1
25		876967	.1	PISTON RING SPANNER 84 MM (3.31 in.)	1	1
26-27		877375	.1	PULLER ASSY.	1	1
27		940755	..2	HEX. SCREW M16x1.5x150	1	1
28		877263	.1	CYLINDER ALIGNING TOOL	1	1
29		877380	.1	VALVE SPRING MOUNTING DEVICE	1	1
30		877387	.1	VALVE SPRING LOADING JIG ASSY.	1	1
31		877620	.1	OIL FILTER WRENCH	1	1

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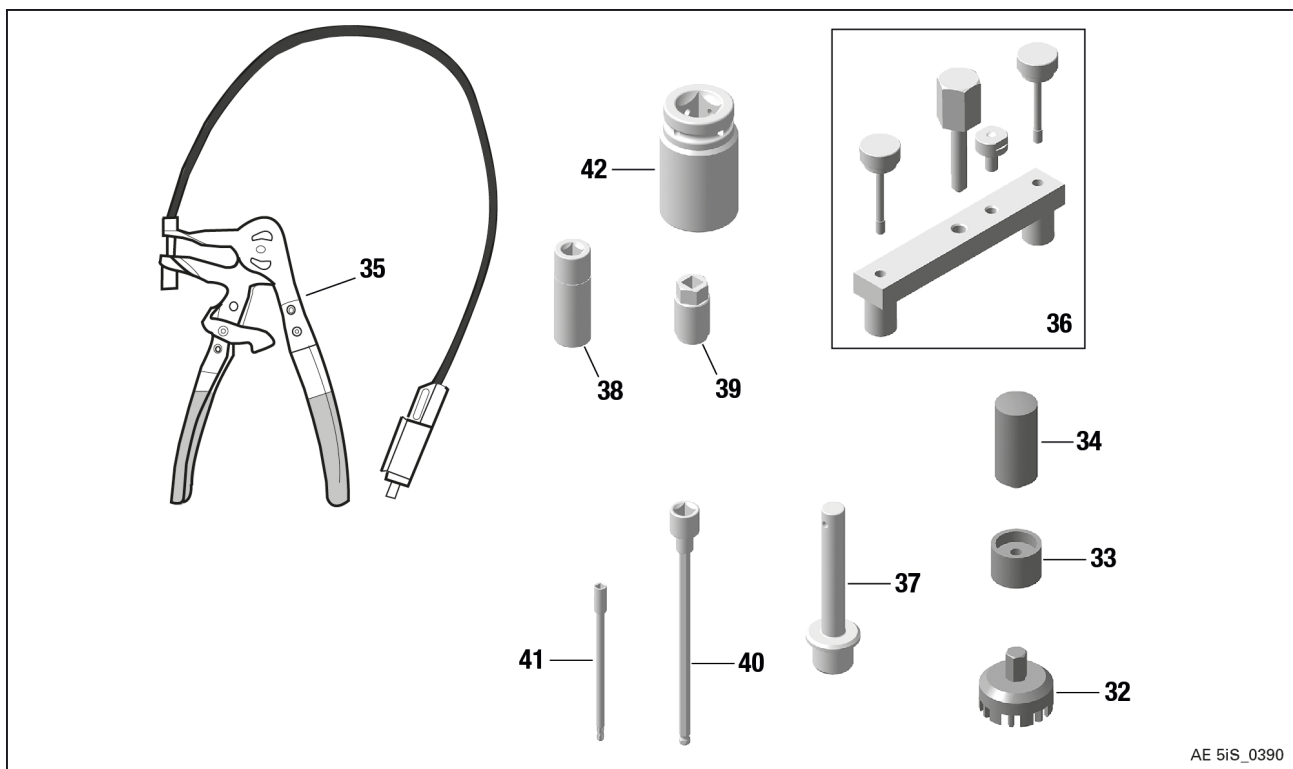


Figure 1.6: Repair tools

ITEM NO.	APPLICATION	ITEM NO.	APPLICATION
32	Water pump impeller	38	Pressure sensor Oil and Airbox
33	Rotary seal ignition housing	39	Temperature sensor Oil and Water
34	Oil seal 12x30x7 water pump shaft	40	Engine mount
35	Spring type hose clip 28	41	Intake manifold
36	Ignition housing	42	Nut for sprag clutch housing
37	Oil seal 28x38x7 ignition housing		

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Item No.	Sta-tus	PART NO.	INDENT	DESCRIPTION	Parts per Engine	
					915 iS A	915 iSc A
32		877295	.1	IMPELLER WRENCH ASSY.	1	1
33		877258	.1	PRESS ON DEVICE ASSY.	1	1
34		876510	.1	INSERTION JIG	1	1
35		877840	.1	SPRING CLAMP PLIERS	1	1
36		876010	.1	PULLER ASSY.	1	1
37		876020	.1	INSERTION JIG.	1	1
38		876075	.1	SOCKET WRENCH 21x12.5	1	1
39		876130	.1	SOCKET WRENCH 19x12.5	1	1
40		876240	.1	SOCKET DRIVER HEX. 8 BALL HEAD	1	1
41		876180	.1	SOCKET DRIVER T30 BALL HEAD	1	1
42		876070	.1	SOCKET WRENCH 38x20	1	1

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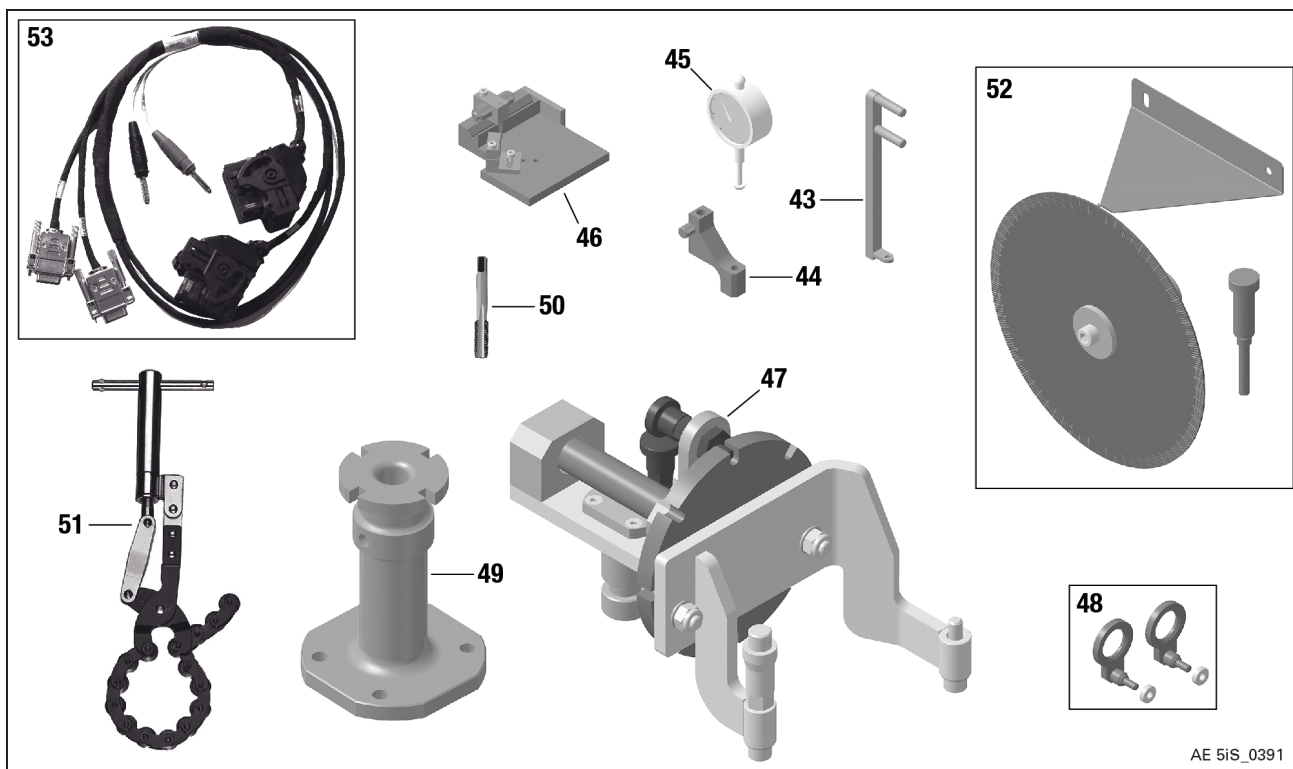


Figure 1.7: Repair tools

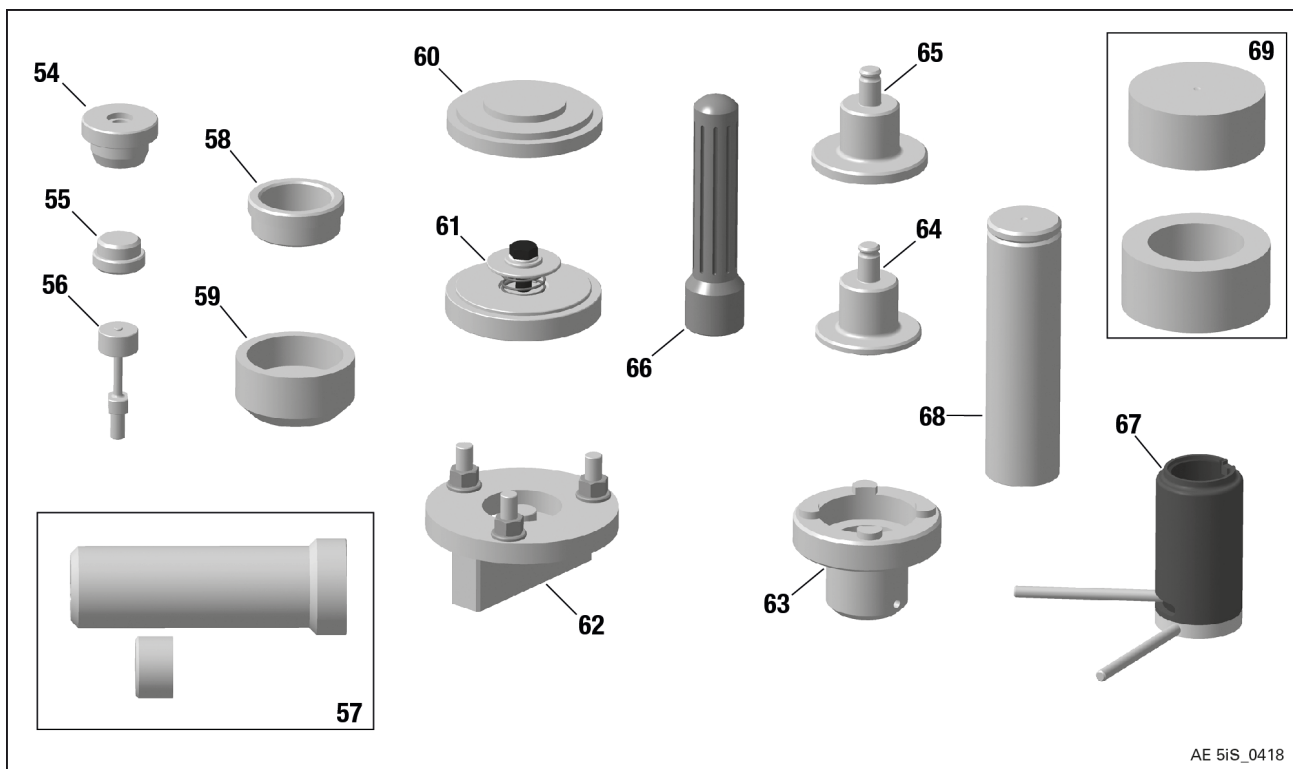
ITEM NO.	APPLICATION	ITEM NO.	APPLICATION
43	Crankcase	49	Trestle support
44-45	Dial gauge	50	Thread bent socket
46	Dial gauge adapter for valve seat inspect	51	Oil filter
47	Crankcase	52	Twist of crankshaft
48	Engine removal	53	ECU (Engine Control Unit)

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Item No.	Sta-tus	PART NO.	INDENT	DESCRIPTION	Parts per Engine	
					915 iS A	915 iSc A
43		877690	.1	CHECK LEVER	1	1
44		877710	.1	DIAL GAUGE ADAPTER ASSY.	1	1
45		876950	.1	PRECISION DIAL GAUGE	1	1
46		976140	.1	DIAL GAUGE ADAPTER ASSY.	1	1
47		876050	.1	TRESTLE ADAPTER ASSY.	1	1
48		876040	.1	ENGINE LIFT SET ASSY.	1	1
49		877930	.1	TRESTLE SUPPORT	1	1
50		877570	.1	TAPPING DRILL M18x1	1	1
51		877670	.1	CUTTING TOOL	1	1
52		877520	.1	PROTRACTOR CRANK-SHAFT DISTORTION INSP.	1	1
53		864280	.1	SERVICE WIRING HAR-NESS ASSY.	1	1

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AE 5iS_0418

Figure 1.8: Repair tools

ITEM NO.	APPLICATION	ITEM NO.	APPLICATION
54	Needle bearing, crankcase	62	Propeller shaft bracket / mounting flange
55	Propeller shaft removal	63	Installation of overload clutch with damper clutch
56	Needle bearing removal	64	Sealing ring, gearbox
57	Hex. nut on propeller shaft	65	Ball bearing, gearbox
58	Damper clutch	66	Stamp
59	Damper clutch	67	Retaining ring, propeller shaft
60	Damper clutch	68	Ball bearing, propeller shaft
61	Damper clutch	69	Overload clutch

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Item No.	Status	PART NO.	INDENT	DESCRIPTION	Parts per Engine	
					915 iS A	915 iSc A
54		276000	.1	PRESS IN JIG	1	1
55		276002	.1	PRESS OUT MUSHROOM	1	1
56		276004	.1	PULL STUD	1	1
57		276006	.1	SOCKET WRENCH AF 46	1	1
58		276950	.1	CENTERING RING	1	1
59		276952	.1	INSERTION JIG	1	1
60		276954	.1	CENTERING PLATE	1	1
61		276956	.1	CENTERING PLATE	1	1
62		276958	.1	SUPPORT PLATE	1	1
63		276962	.1	TWIST TOOL	1	1
64		276964	.1	INSERTION JIG	1	1
65		276966	.1	INSERTION JIG	1	1
66		877650	.1	HANDLE FOR INSERTION JIG	1	1
67		276968	.1	RETAINING RING TOOL	1	1
68		276972	.1	INSERTION SLEEVE	1	1
69		276974	.1	INSERTION JIG	1	1

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LUBRICANTS

NOTE

All lubricants are non-certified.

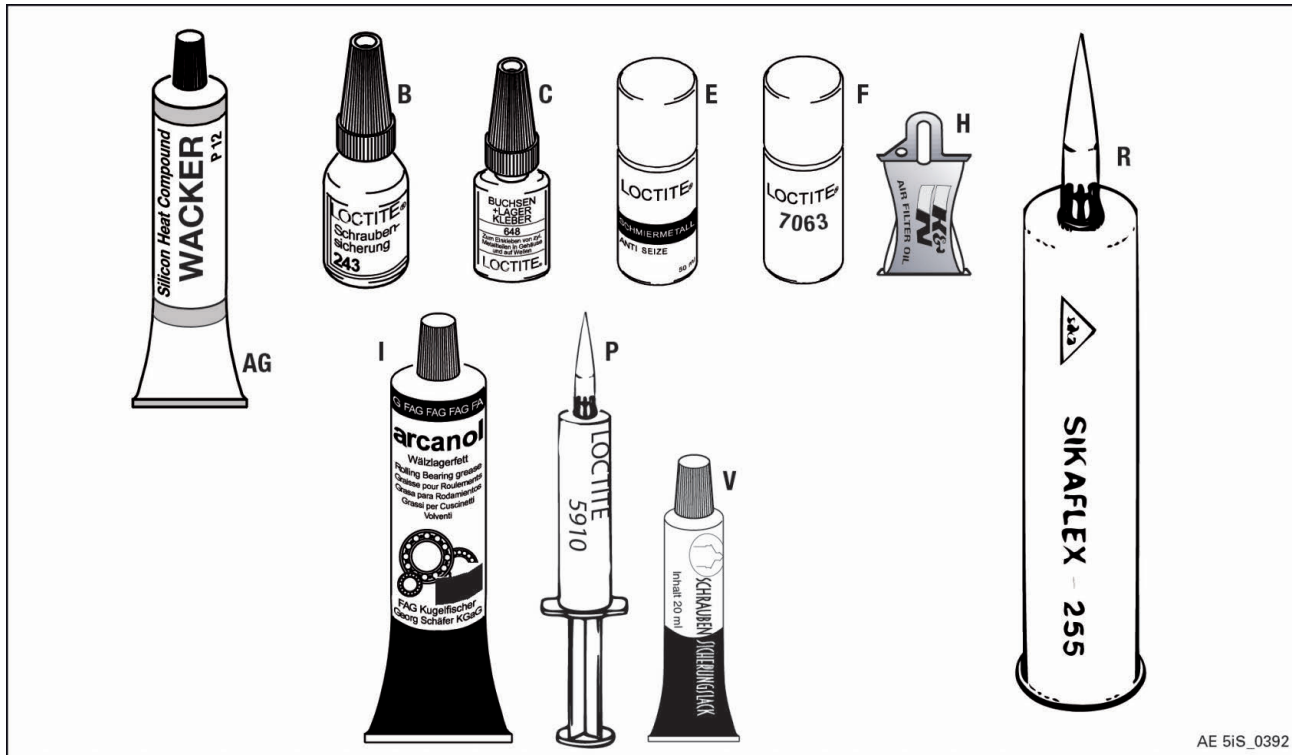


Figure 1.9: Lubricants

ITEM NO.	APPLICATION	ITEM NO.	APPLICATION
B	Medium strenght bond 10 cc.	I	Roller bearing grease, for smooth running
C	High strength bond 5 ml.	P	Regular body/high adhesion flexible flange sealant
E	To prevent metal galling 50 cc.	R	For vibration damping; 310 cc.
F	Cleaner	V	For marking
H	Blister 14.8 ml.	AG	For better heat transfer from the spark plugs

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Item No.	Status	PART NO.	IN-DENT	DESCRIPTION	Parts per Engine	
					915 iS A	915 iSc A
B		897651	.1	LOCTITE 243 BLUE, 10 CC.	1	1
C		899788	.1	LOCTITE 648 GREEN, 5 ML. (CC).	1	1
E		297434	.1	LOCTITE ANTI SEIZE 50 ML.	1	1
F		xxx	.1	LOCTITE 7063	1	1
H		897870	.1	K&N FILTER OIL 99-11312	1	1
I		897330	.1	LITHIUM-BASED GREASE, 250 GR.	1	1
O		xxx	.1	ENGINE OIL	1	1
P		899791	.1	LOCTITE 5910, 50 ML.	1	1
R		297711	.1	PU-GLUE, SIKAFLEX 255	1	1
V		898570	.1	LOCKING PAINT	1	1
AG		897186	.1	SILICONE HEAT COMPOUND WACKER P12, 150 GR.	1	1

BRP-Rotax
ILLUSTRATED PARTS CATALOG

DOCUMENTATION, LABELS, GASKET SETS

AE 5iS_0262

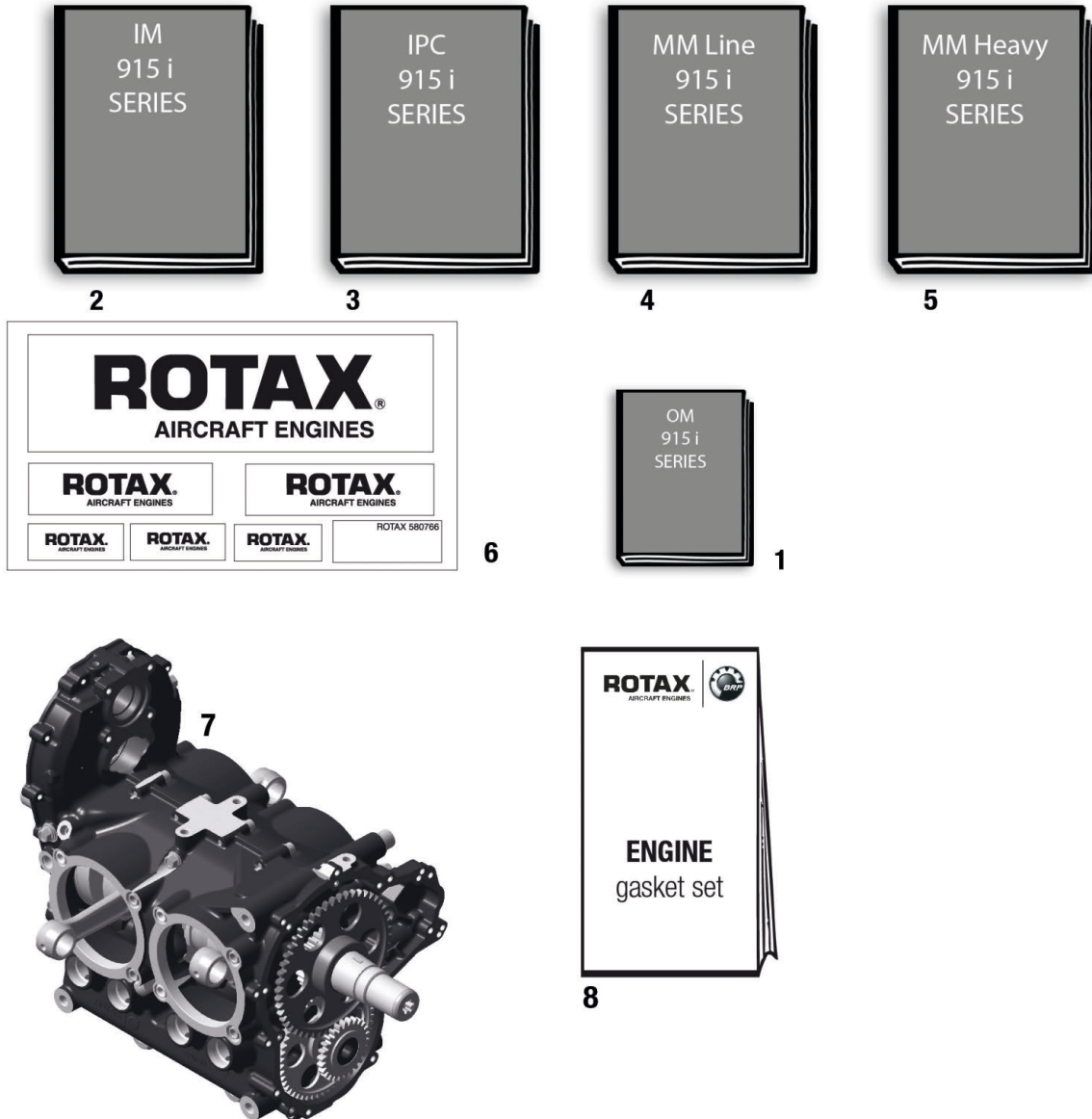


Figure 1.10

BRP-Rotax
ILLUSTRATED PARTS CATALOG

Item No.	Status	PART NO.	INDENT	DESCRIPTION	Parts per Engine	
					915 iS	915 iSc A
1		898851	.1	OPERATORS MANUAL	1	1
2		898871	.1	INSTALLATION MANUAL	1	1
3		898891	.1	ILLUSTRATED PARTS CATALOG	1	1
4		898863	.1	MAINTENANCE MANUAL LINE	1	1
5		898861	.1	MAINTENANCE MANUAL HEAVY	1	1
6		580683	.1	ROTAX STICKER KIT AIRCRAFT NC	1	1
7		xxx	.1	ENGINE BLOCK See chap. 72-20-00	1	1
8		xxxxxx	.1	GASKET SET	1	1

BRP-Rotax
ILLUSTRATED PARTS CATALOG

Chapter: 24-20-00
IGNITION HOUSING, STATOR, RECTIFIER REGULATOR, CRANKSHAFT
POSITION SENSOR ASSY.

TOPICS IN THIS CHAPTER

IGNITION HOUSING, STATOR, CRANKSHAFT POSITION SENSOR	2
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BRP-Rotax
ILLUSTRATED PARTS CATALOG

IGNITION HOUSING, STATOR, CRANKSHAFT POSITION SENSOR

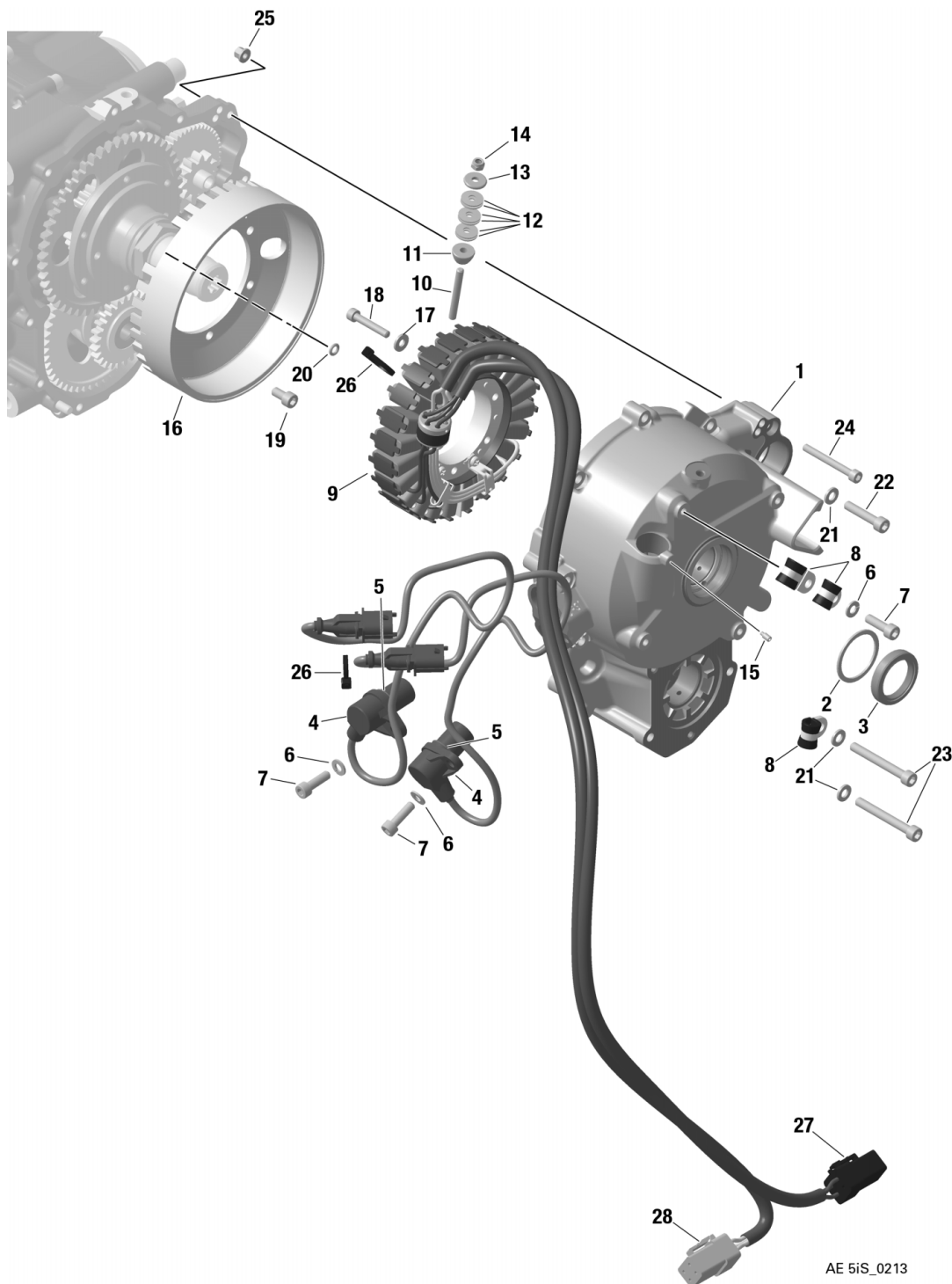


Figure 2.1: 24-20-00

24-20-00

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Effectivity: 915 i A Series
Edition 0/Rev. 0

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		912247	.1	IGNITION HOUSING ASSY.	1	1	
2		827220	.1	WASHER 32/38/1.5	1	1	
3		230428	.1	OIL SEAL GPRE 28x38x7 FKM	1	1	
4-5		966572	.1	CRANKSHAFT POSITION SENSOR	2	2	
5		431580	..2	O-RING 17.17x1.78 FPM 70	2	2	
6		945751	.1	LOCK WASHER A6	3	3	
7		241930	.1	ALLEN SCREW M6x20	2	2	
8		853412	.1	CABLE CLAMP	3	3	
9		685063	.1	STATOR ASSY.	1	1	
10		840792	.1	STUD M5x44	1	1	
11		947510	.1	DISTANCE SLEEVE	1	1	
12		938080	.1	DISK SPRING 15x5.2x0.7	6	6	
13		827240	.1	WASHER 5.1/15.5/2.5	1	1	
14		842033	.1	LOCK NUT M5	1	1	
15		840820	.1	ADJUSTMENT SCREW M4x8	1	1	
16		685072	.1	MAGNETO FLYWHEEL ASSY.	1	1	
17		827800	.1	WASHER A 5.5	6	6	
18		940881	.1	ALLEN SCREW M5x30	6	6	
19		840036	.1	ALLEN SCREW M6x12	6	6	
20		xxx	.1	O-RING 5x2 see chap. 72-20-00	1	1	
21		827961	.1	WASHER 6.4	7	7	
22		840880	.1	ALLEN SCREW M6x30	5	5	
23		241761	.1	ALLEN SCREW M6x50	2	2	
24		941791	.1	ALLEN SCREW M5x45	2	2	
25		942311	.1	HEX. NUT M5	2	2	
26		866714	.1	TIE WRAP 142x3.2 mm	2	2	
27		xxx	.1	CONNECTOR SET BLACK see chap. 76-10-00	1	1	
28		xxx	.1	CONNECTOR SET GREY see chap. 76-10-00	1	1	

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ILLUSTRATED PARTS CATALOG

NOTES

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ILLUSTRATED PARTS CATALOG

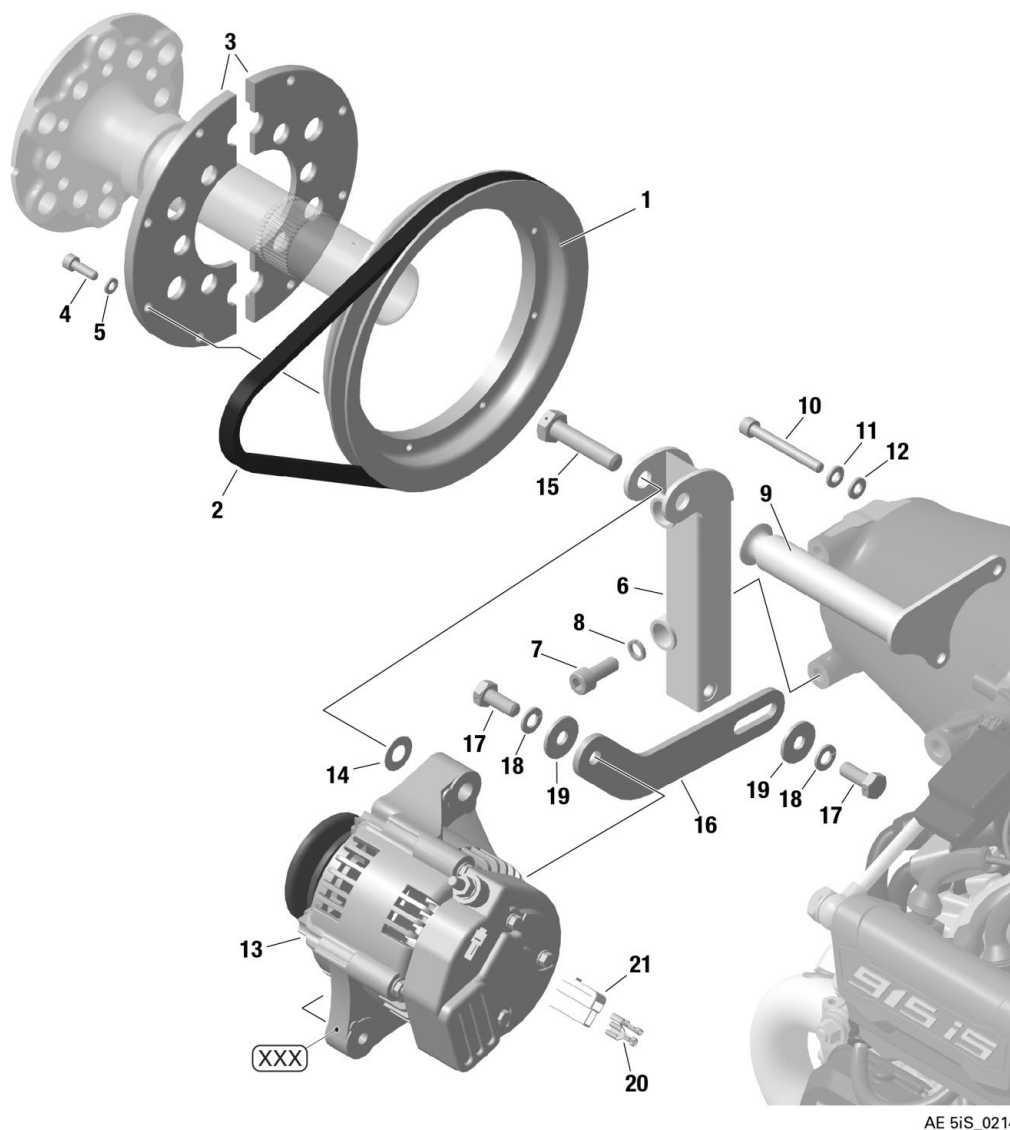
Chapter: 24-30-00
EXTERNAL GENERATOR F3A (ALL PARTS OPTIONAL)

TOPICS IN THIS CHAPTER

EXTERNAL GENERATOR F3A	2
-------------------------------------	----------

BRP-Rotax
ILLUSTRATED PARTS CATALOG

EXTERNAL GENERATOR F3A



AE 5iS_0214

Figure 3.1: 24-30-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1-21		xxxxxx	.1	ALTERNATORSET NC	(1)	(1)	001
1		980590	..2	V-BELT PULLEY NC	(1)	(1)	001
2		980400	..2	V-BELT 9,5X675 NC	(1)	(1)	001
3		980605	..2	PULLEY CARRIER NC	(2)	(2)	001
4	N s.v.	840514 840511	..2	ALLEN SCREW M5X16 NC	(8)	(8)	001
5	N s.v.	945830 945750	..2	LOCK WASHER A5 NC	(8)	(8)	001
6	N s.v.	953223 953222	..2	ALTERNATOR BRACKET ASSY. NC	(1)	(1)	001
7	N s.v.	240072 240071	..2	ALLEN SCREW M8X20 NC	(2)	(2)	001
8		845310	..2	LOCK WASHER VHZ 8 NC	(2)	(2)	001
9		953235	..2	ALTERNATOR SUPPORT ASSY. NC	(1)	(1)	001
10	N s.v.	241762 241761	..2	ALLEN SCREW M6X50 NC	(2)	(2)	001
11	N s.v.	945831 945751	..2	LOCK WASHER A6 NC	(2)	(2)	001
12	N s.v.	827962 827961	..2	WASHER 6.4 NC	(2)	(2)	001
13		887251	..2	ALTERNATOR F3A NC	(1)	(1)	001

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
14		927952	..2	THRUST WASHER 10.1/20/0.5 NC	(1)	(1)	001
15		941636	..2	HEX. SCREW M10X45 NC	(1)	(1)	001
16		953241	..2	TENSION BAR NC	(1)	(1)	001
17		940596	..2	HEX. SCREW M8X2 NC	(2)	(2)	001
18	N S.V.	945832 945752	..2	LOCK WASHER A8 NC	(2)	(2)	001
19		227935	..2	WASHER 8.4 NC	(2)	(2)	001
20		864011	..2	FASTON CONNECTOR 6.3X0.8 NC	(2)	(2)	001
21		265255	..2	CONNECTOR HOUSING 2-POLE NC	(1)	(1)	001

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ILLUSTRATED PARTS CATALOG

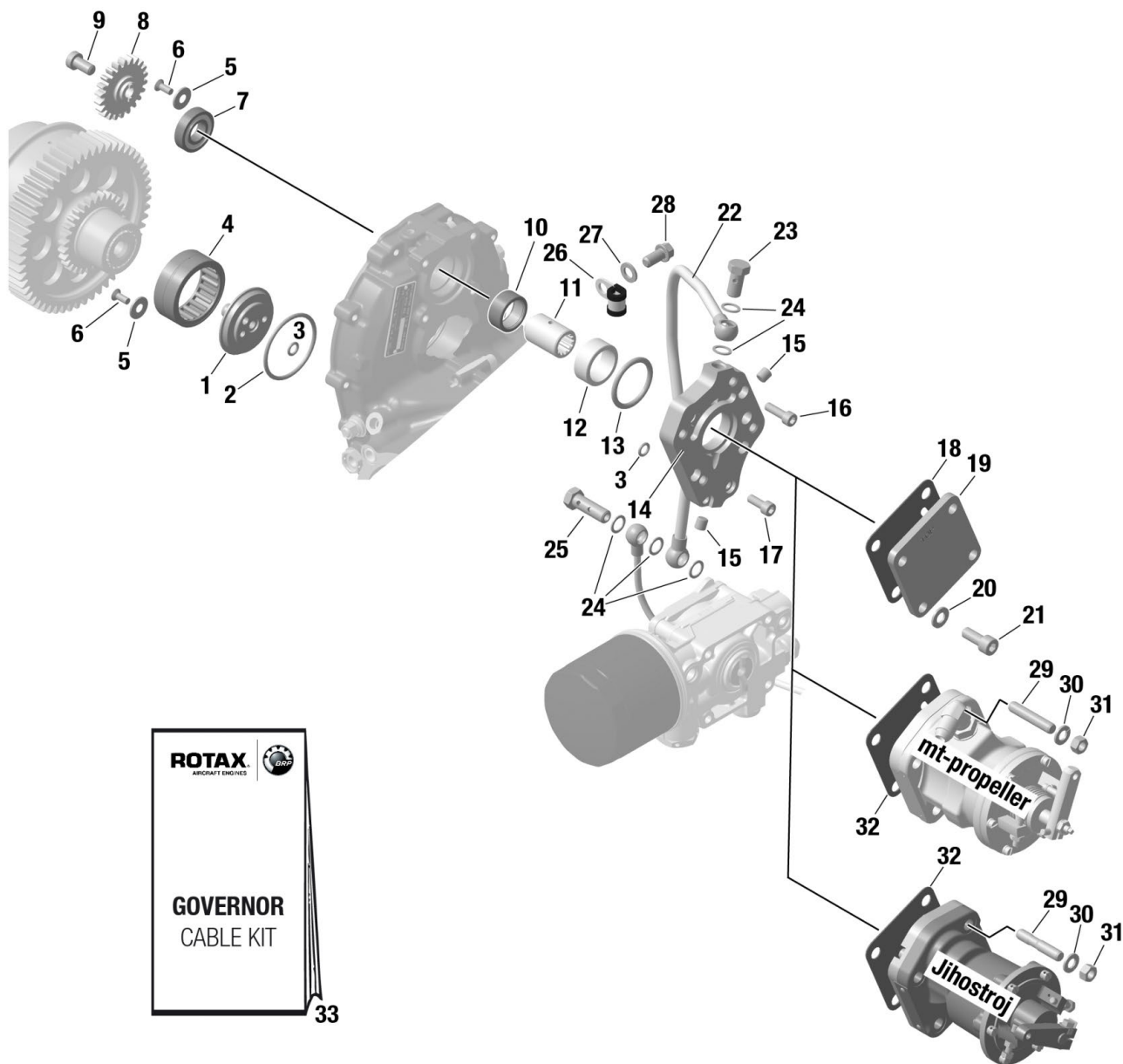
Chapter: 61-20-00
HYDR. GOVERNOR ARRANGEMENT FOR CONSTANT SPEED
PROPELLER (OPTIONAL)

TOPICS IN THIS CHAPTER

HYDR. GOVERNOR FOR CONSTANT SPEED PROPELLER	2
--	----------

BRP-Rotax
ILLUSTRATED PARTS CATALOG

HYDR. GOVERNOR FOR CONSTANT SPEED PROPELLER



AE 5iS_0216

Figure 4.1: 61-20-00

61-20-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		810310	.1	OIL INLET FLANGE	1	1	
2		430175	.1	O-RING 46x3-N, FPM 75	1	1	
3		830415	.1	O-RING 7x2-N, FPM 75	2	2	
4		832950	.1	NEEDLE BEARING RNA 49/32	1	1	
5		227280	.1	THRUST WASHER	2	2	
6		940315	.1	COUNTERSUNK SCREW M5x12	2	2	
7		832362	.1	BALL BEARING 16002. 15-32-8	1	1	
8		834245	.1	VACUUM PUMP GEAR 22 T	1	1	
9		941521	.1	ALLEN SCREW M8x16	1	1	
10		232925	.1	NEEDLE SLEEVE 22x28x12	1	1	
11		847773	.1	DRIVE SLEEVE	1	1	
12		847802	.1	SPACER 25/31.95/13	1	1	
13		950380	.1	O-RING 32x4-N FPM 75	1	1	
14		810070	.1	GOVERNOR FLANGE	1	1	
15		941611	.1	PLUG SCREW M8x1	2	2	
16		241930	.1	ALLEN SCREW M6x20	4	4	
17	N s.v.	241237 241236	.1	ALLEN SCREW M6x16	2	2	
18		931770	.1	GASKET NC	1	1	002
19		926231	.1	COVER NC	1	1	002
20	N s.v.	250315 250311	.1	WASHER 8.4 NC	4	4	002
21	N s.v.	240072 240071	.1	ALLEN SCREW M8x20 NC	4	4	002
22		956460	.1	PRESSURE OIL LINE ASSY.	1	1	
23		940874	.1	BANJO BOLT M10x1x23	1	1	
24		230150	.1	SEALING RING A 10x14	5	5	
25		940873	.1	BANJO BOLT M10x1x34	1	1	
26		853418	.1	CABLE CLAMP	1	1	

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
27		944131	.1	LOCK WASHER A8	1	1	
28		440854	.1	HEX./TORX-FLANGE SCREW M8X16	1	1	
29		840711	.1	STUD M8X21/20 NC	4	4	002
30	N S.V.	945832 945752	.1	LOCK WASHER A8 NC	4	4	002
31		942671	.1	HEX NUT M8 NC	4	4	002
32		931372	.1	GASKET NC	1	1	002
33		xxx		GOVERNOR CABLE KIT see chap. 73-10-00 NC	1	1	003

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ILLUSTRATED PARTS CATALOG

Chapter: 71-20-00
ENGINE SUSPENSION FRAME

TOPICS IN THIS CHAPTER

ENGINE SUSPENSION FRAME	2
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ILLUSTRATED PARTS CATALOG

ENGINE SUSPENSION FRAME

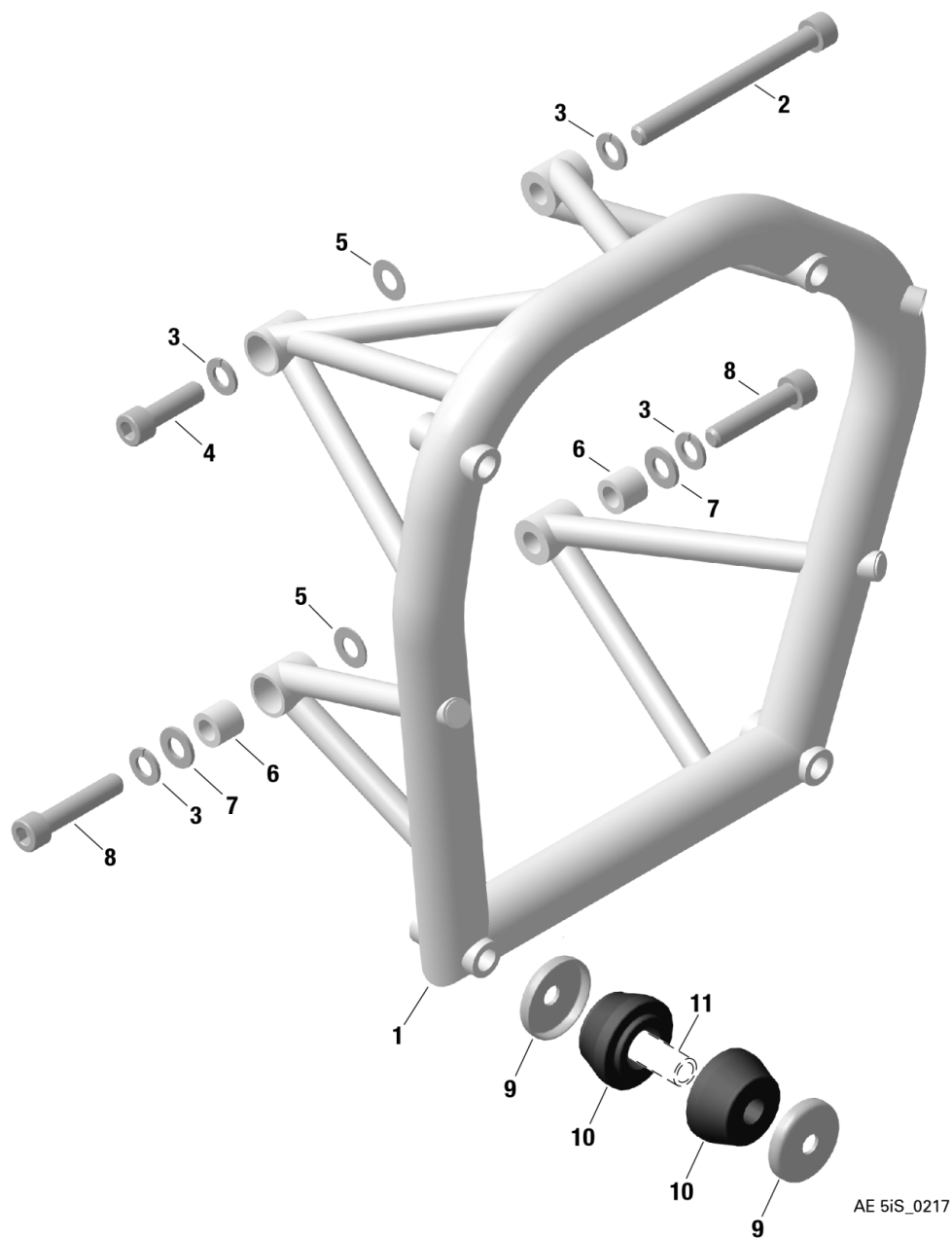


Figure 5.1: 71-20-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1	N S.v.	886563 886561	.1	ENGINE SUSPENSION FRAME ASSY.	1	1	
2		941487	.1	ALLEN SCREW M10x110	1	1	
3	N S.v.	945753 945833	.1	LOCK WASHER A10	4	4	
4		840948	.1	ALLEN SCREW M10x35	1	1	
5		927952	.1	THRUST WASHER 10.1/20/0.5	AR	AR	
5		927953	.1	THRUST WASHER 10.1/20/1.0	AR	AR	
6		847841	.1	SPACER 10.5/17/15	2	2	
7		927410	.1	WASHER 10.5	2	2	
8		650572	.1	ALLEN SCREW M10x50	2	2	
9-10		860695	.1	SHOCK MOUNT SET NC	1	1	004
9		944240	..2	CUP WASHER NC	8	8	004
10		860690	..2	SHOCK-MOUNT NC	8	8	004
11	n.a.		.1	STRUT not available at BRP-Rotax NC	4	4	004

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ILLUSTRATED PARTS CATALOG

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ILLUSTRATED PARTS CATALOG

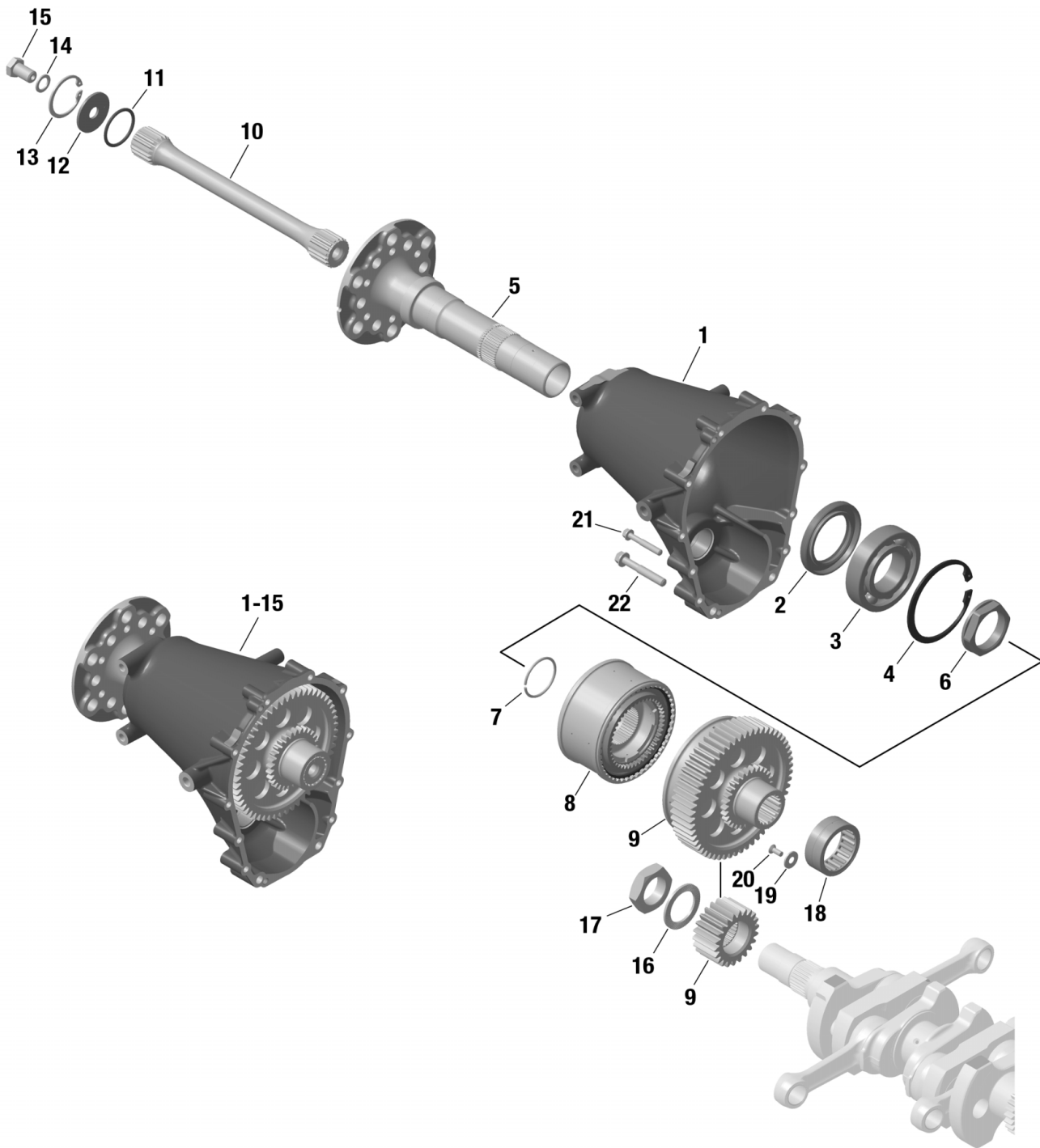
Chapter: 72-10-00
PROPELLER GEAR ASSY., OVERLOAD CLUTCH

TOPICS IN THIS CHAPTER

PROPELLER GEAR ASSY.....	2
OVERLOAD CLUTCH.....	4

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ILLUSTRATED PARTS CATALOG

PROPELLER GEAR ASSY.



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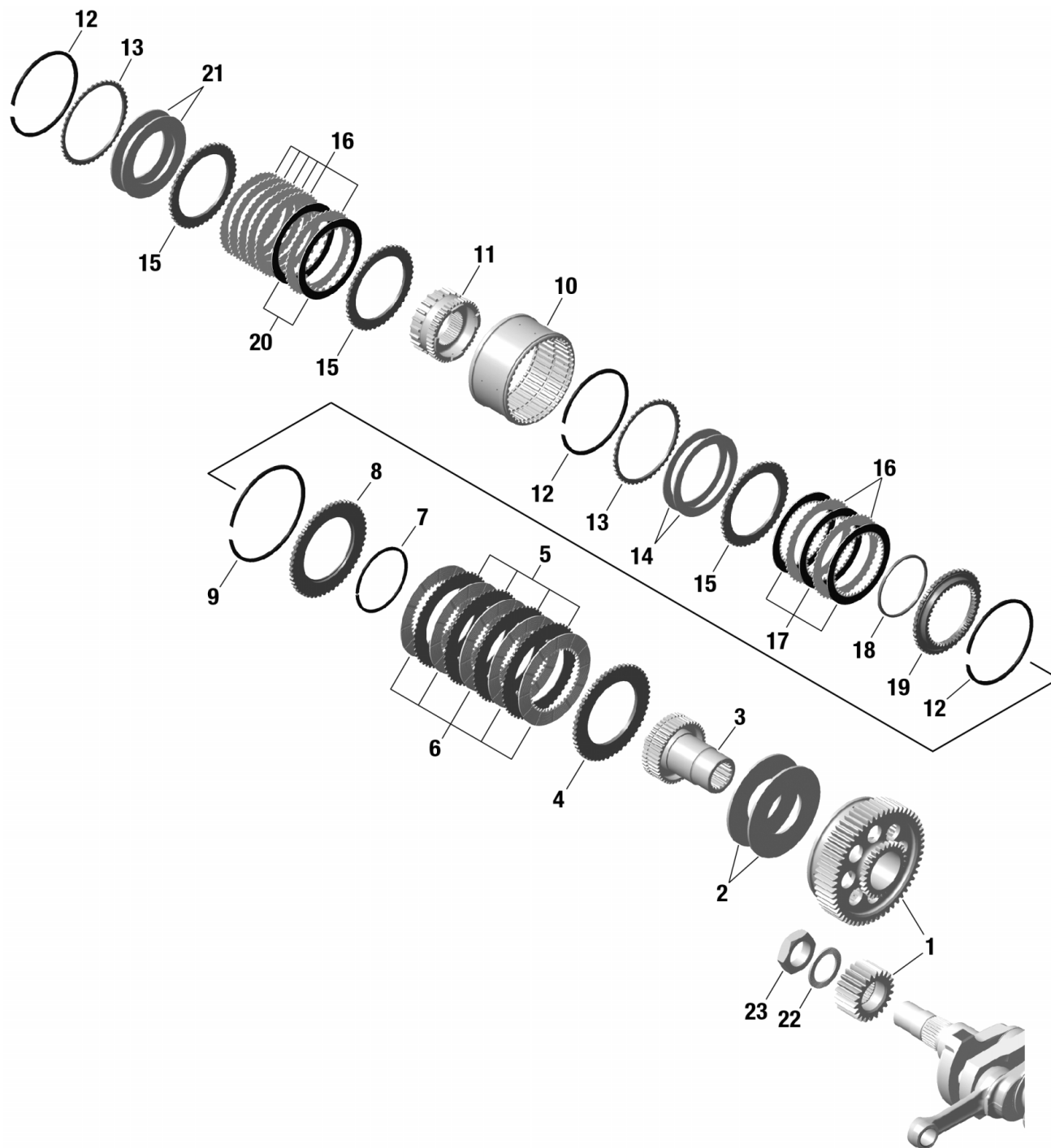
Figure 6.1: Propeller gear assy.

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1-15		XXXXXX	.1	PROPELLER GEAR ASSY.	1	1	
1		911985	..2	GEARBOX HOUSING ASSY.	1	1	
2		950091	..2	OIL SEAL AS 48x72x8 FKM	1	1	
3		832060	..2	BALL BEARING 6208 TN9 C3	1	1	
4		845120	..2	RETAINING RING 80x2.85	1	1	
5		837221	..2	PROPELLER SHAFT	1	1	
6		942320	..2	COLLAR NUT M40x1.5 LH	1	1	
7		245935	..2	RETAINING RING A 38	1	1	
8		958418	..2	DAMPER CLUTCH ASSY.	1	1	
9		958412	..2	OVERLOAD CLUTCH ASSY. 56 T	1	1	
10		837200	..2	TORSION SHAFT	1	1	
11		230915	..2	O-RING 33x3-N, FPM 75	1	1	
12		827470	..2	SEALING WASHER 40x12.1x2.5	1	1	
13		945880	..2	RETAINING RING 40x1.75	1	1	
14		250640	..2	SEALING RING A12x18	1	1	
15		841150	..2	HEX. SCREW M12x20 A2-70	1	1	
16		845431	.1	FRICTION WASHER VS30	1	1	
17		842579	.1	HEX. NUT M30x1.5 12 MM, LH	1	1	
18		xxx	.1	NEEDLE BEARING RNA 49/32 see chap. 61-20-00	1	1	
19		xxx	.1	THRUST WASHER 22/27.5/2.3 see chap. 61-20-00	1	1	
20		xxx	.1	COUNTERSUNK SCREW M5x12 see chap. 61-20-00	1	1	
21		440282	.1	HEX. / TORX-FLANGE SCREW M6x40-SW8/T30	10	10	
22		940077	.1	HEX. / TORX-FLANGE SCREW M8x45-SW10/T40	2	2	

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ILLUSTRATED PARTS CATALOG

OVERLOAD CLUTCH



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Figure 6.2: Overload clutch

72-10-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1-9		958412	..1	OVERLOAD CLUTCH ASSY.	1	1	
1		886544	..2	GEAR SET	1	1	
2		938092	..2	DISK SPRING 102x49x2.8	2	2	
3		837231	..2	INTERMEDIATE SHAFT	1	1	
4		958400	..2	STEEL FRICTION PLATE 4.0 MM	1	1	
5		958160	..2	STEEL FRICTION PLATE 1.0 MM	4	4	
6		958174	..2	SINTER FRICTION PLATE 1.8 MM	5	5	
7		945080	..2	CIRCLIP SW 68	1	1	
8		958402	..2	STEEL FRICTION PLATE 4.0 MM	1	1	
9		945075	..2	CIRCLIP SB 105	1	1	
10-21		958418	..1	DAMPER CLUTCH ASSY.	1	1	
10		958042	..2	CLUTCH DRUM ASSY.	1	1	
11		958022	..2	CLUTCH HUB	1	1	
12		945070	..2	CIRCLIP SB 93	3	3	
13		927021	..2	SUPPORT RING	2	2	
14		938098	..2	DISK SPRING 91.5X71X1.5	2	2	
15		959420	..2	STEEL FRICTION PLATE 3.0 MM	3	3	
16	S.V. N	958931 958932	..2	STEEL FRICTION PLATE 1.0 MM	8	8	
17		958991	..2	FRICTION PLATE 1.54 MM	3	3	
18		847895	..2	SPACER RING 69/64.1/3.0	1	1	
19	S.V. N	958102 958103	..2	DRIVING COLLAR	1	1	
20		958992	..2	FRICTION PLATE 1.54 MM	2	2	
21		938099	..2	DISK SPRING 91.5X60X2.1	2	2	
22		845431	..2	FRICTION WASHER VS30	1	1	
23		842579	..2	HEX. NUT M30x1.5 12 MM, LH	1	1	

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ILLUSTRATED PARTS CATALOG

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ILLUSTRATED PARTS CATALOG

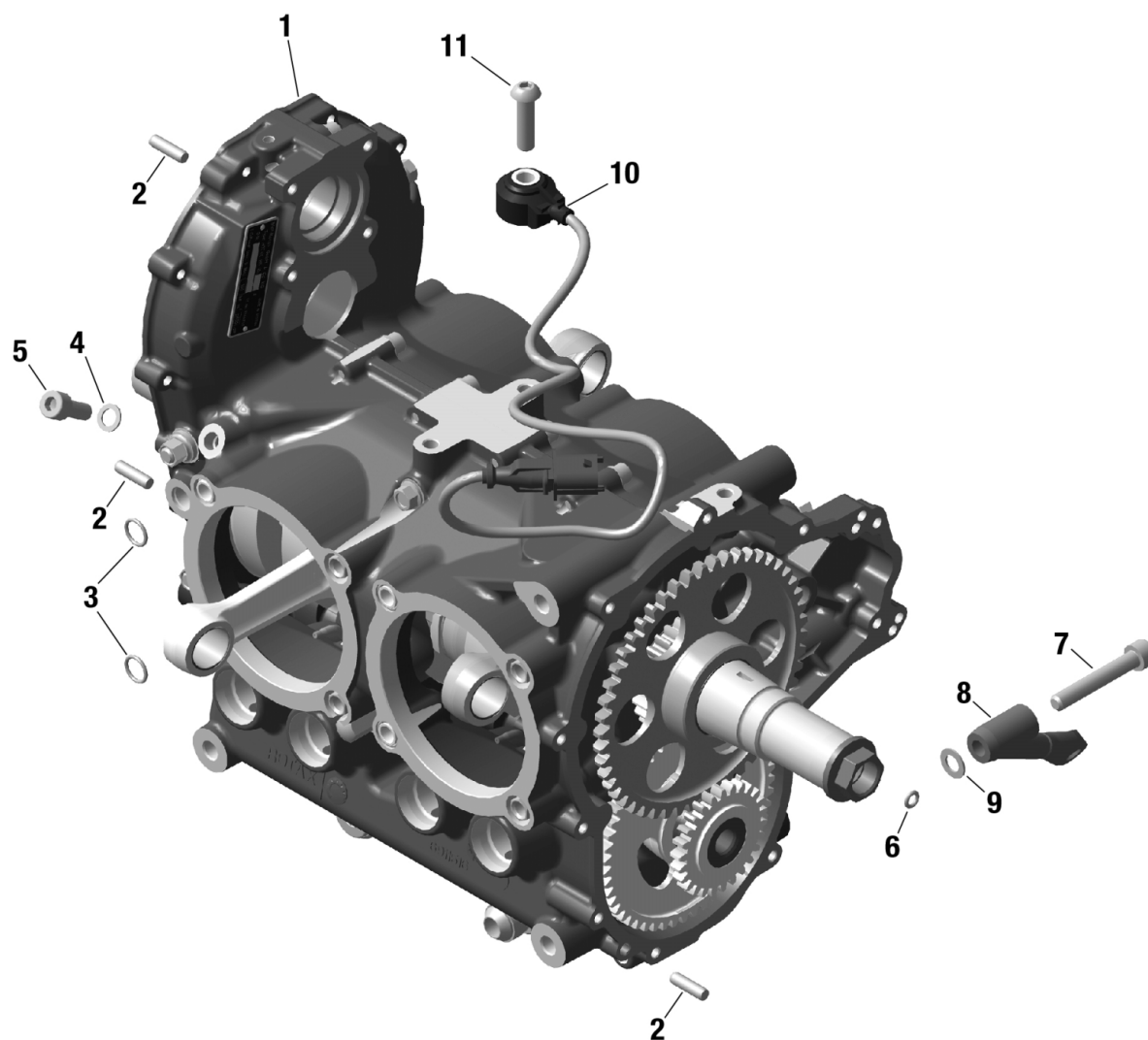
Chapter: 72-20-00
CRANKCASE, CRANKSHAFT, PISTON, CYLINDER, SPRAG CLUTCH,
CAMSHAFT, VALVE TRAIN, CYLINDER HEAD, VALVE COVER

TOPICS IN THIS CHAPTER

CRANKCASE	2
CRANKSHAFT, PISTON, CYLINDER, SPRAG CLUTCH	4
CAMSHAFT, VALVE TRAIN, CYLINDER HEAD, VALVE COVER	6

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ILLUSTRATED PARTS CATALOG

CRANKCASE



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Figure 7.1: 72-20-00

72-20-00

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Effectivity: 915 i A Series
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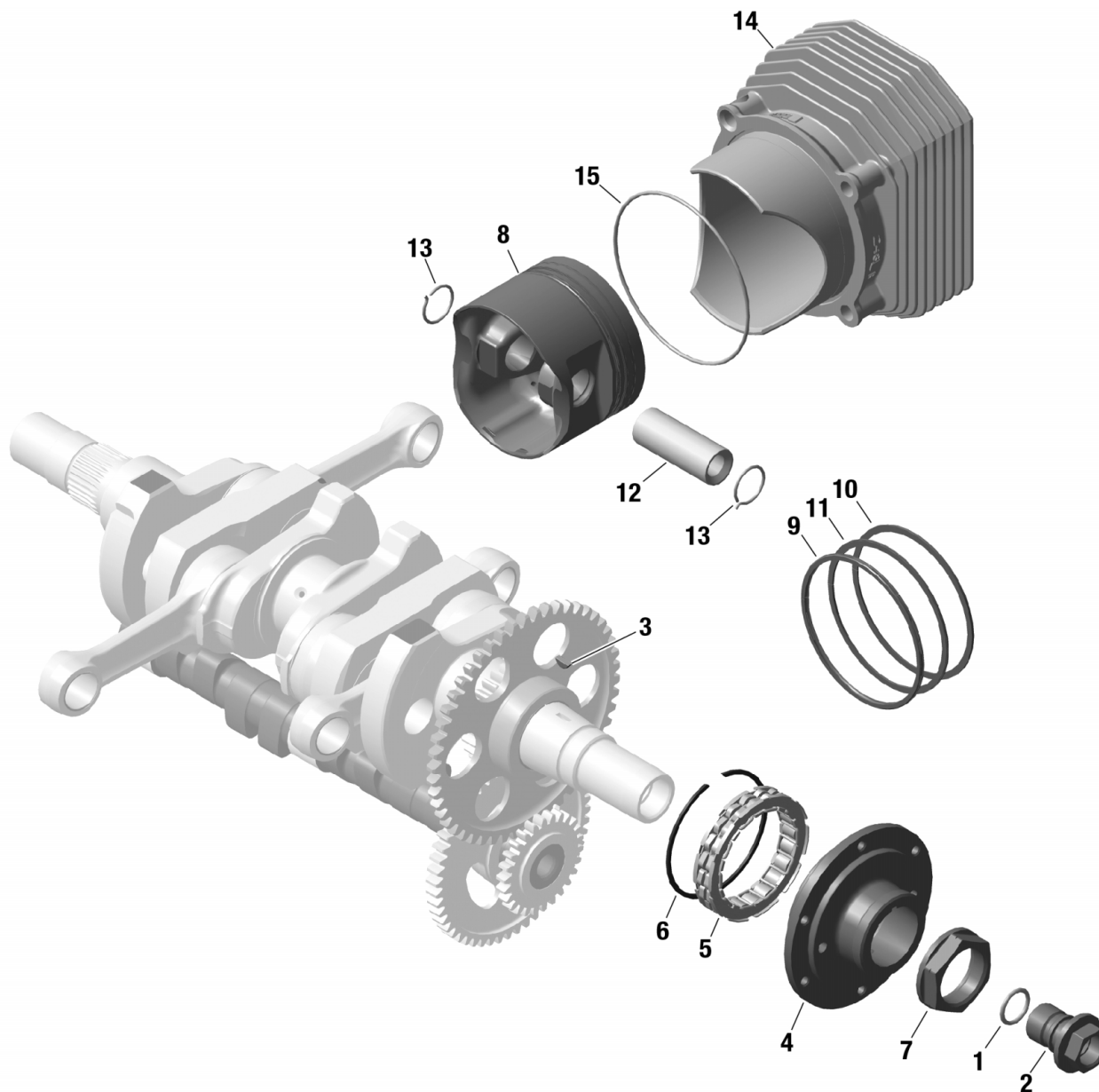
BRP-Rotax
ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	Indent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		300091501	.1	ENGINE BLOCK	1a	1a	
2		429230	.1	DOWEL 6x20	2	2	
3		431570	.1	O-RING 10.82Xx1.78-N, FPM 70	8	8	
4		950141	.1	SEALING RING A 8x13	1	1	
5		240071	.1	ALLEN SCREW M8x20	1	1	
6		831929	.1	O-RING 5x2	1	1	
7		xxx	.1	ALLEN SCREW M8x45 see chap. 78-10-00	1	1	
8		xxx	.1	MANIFOLD BRACKET ASSY. see chap. 78-10-00	1	1	
9		xxx	.1	WASHER 8.4/15.1 see chap. 78-10-00	1	1	
10		866270	.1	KNOCK SENSOR	1	1	
11		570661	.1	BINDING HEAD SCREW M8x30	1	1	

a with crankshaft, freewheel

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ILLUSTRATED PARTS CATALOG

CRANKSHAFT, PISTON, CYLINDER, SPRAG CLUTCH



AE 5iS_0259

Figure 7.2: 72-20-00

72-20-00

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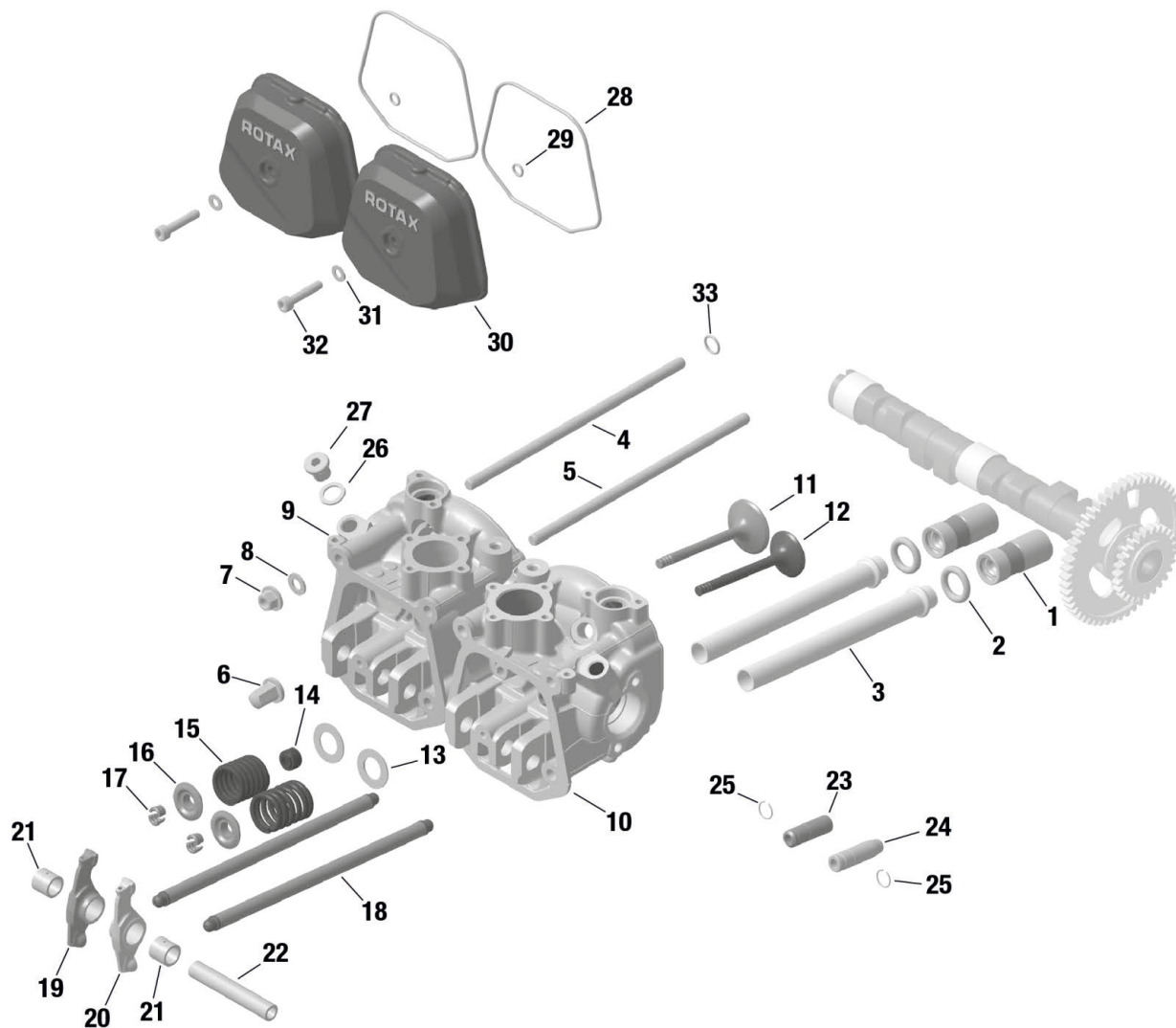
Effectivity: 915 i A Series
Edition 0/Rev. 0

BRP-Rotax
ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		430225	.1	O-RING 9X2,3-N, FPM 75	1	1	
2		940526	.1	PLUG SCREW M20X1.5	1	1	
3		246055	.1	WOODRUFF KEY 3x3.7	1	1	
4		852407	.1	SPRAG CLUTCH HOUSING	1	1	
5		958856	.1	SPRAG CLUTCH 51.710x68,377x13	1	1	
6		845425	.1	CIRCLIP 70	1	1	
7		942250	.1	HEX. NUT M32x1.5 - LH	1	1	
8		893296	.1	PISTON ASSY. 84/84.01 MM	4	4	
9		815230	.1	OIL SCRAPER RING 84/76.5x3	4	4	
10		815251	.1	RECTANGULAR RING 84/77x1.5	4	4	
11		815280	.1	TAPERED COMPRESSION RING 84	4	4	
12		916380	.1	PISTON PIN 20x12x51.3	4	4	
13		845106	.1	MONOHOOK CIRCLIP 20	8	8	
14		913228	.1	CYLINDER	4	4	
15		250510	.1	O-RING 87x2-N, FPM 75	4	4	

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ILLUSTRATED PARTS CATALOG

CAMSHAFT, VALVE TRAIN, CYLINDER HEAD, VALVE COVER



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Figure 7.3: 72-20-00

72-20-00

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Effectivity: 915 i A Series
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BRP-Rotax
ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In- dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		881832	.1	HYDRAULIC VALVE TAPPET SET	8	8	
2		850930	.1	O-RING 16x5	8	8	
3		924440	.1	OIL RETURN TUBE	8	8	
4		840171	.1	STUD M8x200	8	8	
5		840141	.1	STUD M8x186	8	8	
6		842476	.1	COLLAR CAP NUT M8	8	8	
7		942302	.1	COLLAR NUT M8	8	8	
8		250311	.1	WASHER 8.4	8	8	
9		623777	.1	CYLINDER HEAD 2/3 ASSY.	2	2	
10		623787	.1	CYLINDER HEAD 1/4 ASSY.	2	2	
11		854101	.1	INTAKE VALVE 38 MM	4	4	
12		854113	.1	EXHAUST VALVE 32 MM	4	4	
13		926210	.1	SHIM 16/27.4/1	8	8	
14		230810	.1	VALVE STEM SEAL	4	4	
15		838156	.1	VALVE SPRING	8	8	
16		854186	.1	VALVE SPRING RETAINER	8	8	
17		253092	.1	VALVE COTTER	16	16	
18		854861	.1	VALVE PUSH-ROD ASSY.	8	8	
19		854383	.1	ROCKER ARM LEFT	4	4	
20		854393	.1	ROCKER ARM RIGHT	4	4	
21		933396	.1	BUSHING	8	8	
22		854193	.1	ROCKER ARM SHAFT	4	4	
23		854225	.1	VALVE GUIDE	4	4	
24		253114	.1	INLET VALVE GUIDE	4	4	
25		245440	.1	RETAINING RING A12	8	8	
26		250015	.1	SEALING RING A12x18	3	3	
27		841923	.1	PLUG SCREW M12x1.5	3	3	
28		250285	.1	O-RING 105x2.5	4	4	
29		430205	.1	O-RING 6.4x1.8	4	4	
30		612265	.1	VALVE COVER SKY BLUE	4	4	
31		927941	.1	WASHER 6.0/12/1	4	4	

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In- dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
32		840887	.1	ALLEN SCREW ISO 4762 M6x30 10.9	4	4	
33		431570	.1	O-RING 10.82x1.78–N, FPM 70	8	8	

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ILLUSTRATED PARTS CATALOG

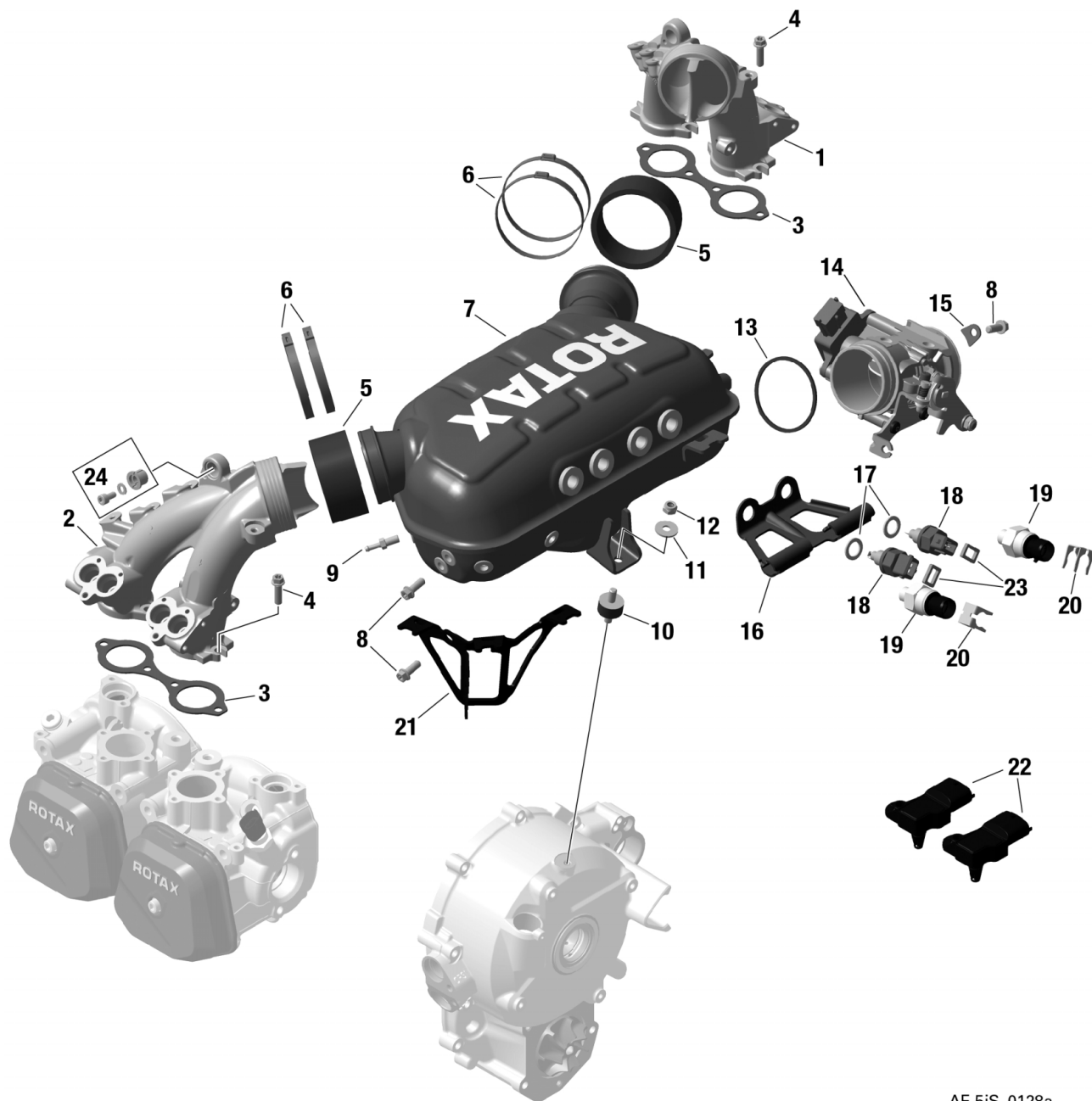
Chapter: 73-10-00
INTAKE MANIFOLD, AIRBOX, THROTTLE BODY SOCKET,
INTERCOOLER, WASTEGATE, FUEL INJECTOR, FUEL RAIL, PRESSURE
REGULATOR, FUEL RAIL COVER, FUEL PUMP ASSY.

TOPICS IN THIS CHAPTER

INTAKE MANIFOLD, AIRBOX, THROTTLE BODY SOCKET	2
INTERCOOLER, WASTEGATE	4
FUEL INJECTOR, FUEL RAIL, PRESSURE REGULATOR, FUEL RAIL COVER	6
FUEL PUMP ASSY.....	8

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ILLUSTRATED PARTS CATALOG

INTAKE MANIFOLD, AIRBOX, THROTTLE BODY SOCKET



AE 5iS_0128a

Figure 8.1: 73-10-00

73-10-00

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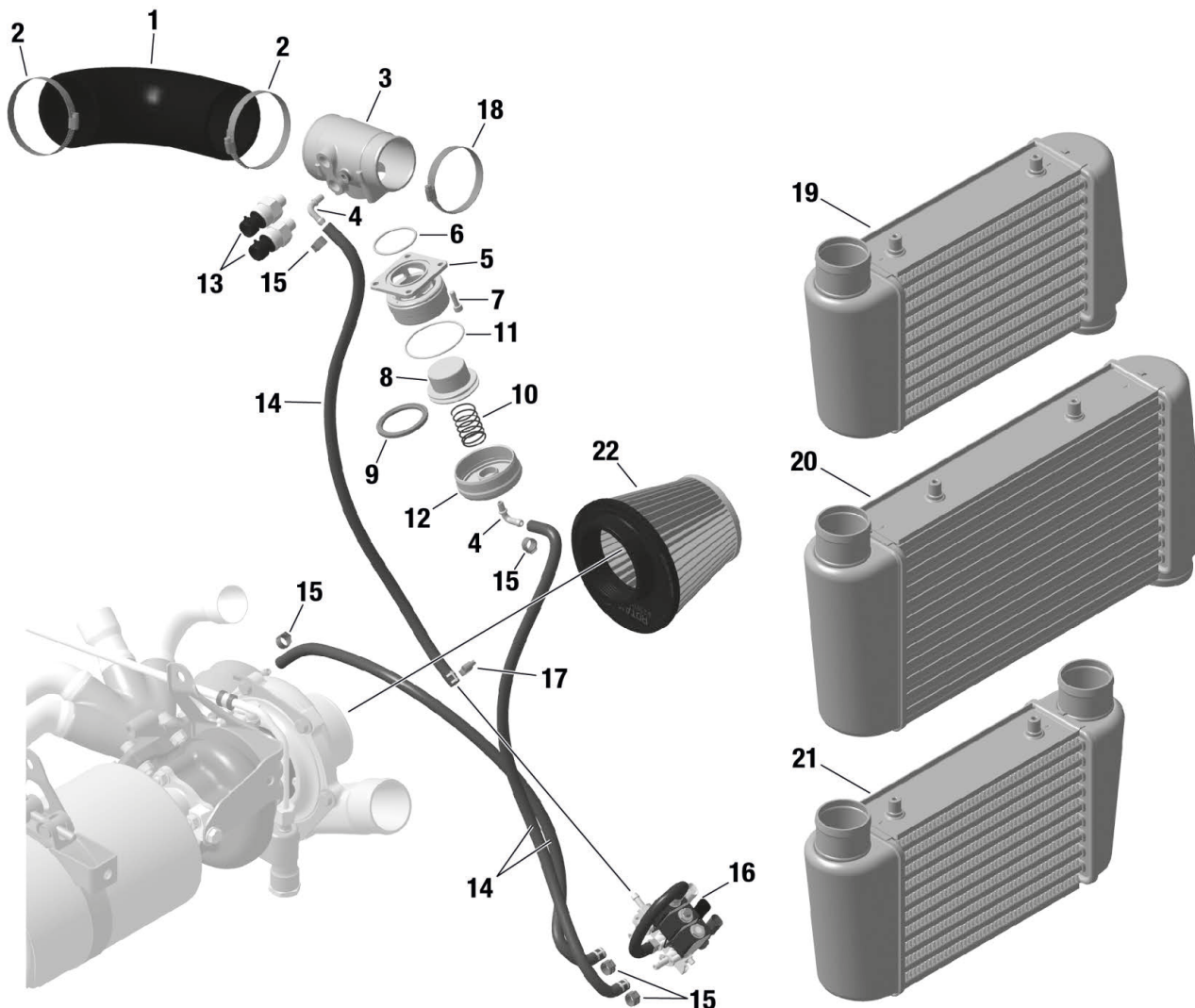
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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		667401	.1	INTAKE MANIFOLD 1/3	1	1	
2		667406	.1	INTAKE MANIFOLD 2/4	1	1	
3		850091	.1	ISOLATING FLANGE	2	2	
4		440207	.1	HEX./TORX-FLANGE SCREW M6x20-SW8/T30	8	8	
5		460421	.1	CONNECTING SOCKET	2	2	
6		953093	.1	1-EAR-CLAMP 66.3-69.5 MM	4	4	
7		667411	.1	AIRBOX	1	1	
8		440164	.1	HEX./TORX-FLANGE SCREW M6X16-SW8/T30	5	5	
9		840672	.1	HOSE NIPPLE M6	1	1	
10		860700	.1	RUBBER 20x10xM6	1	1	
11		827968	.1	WASHER 6.4	1	1	
12		842042	.1	LOCK NUT M6	1	1	
13		850020	.1	RUBBER RING	1	1	
14		685055	.1	THROTTLE BODY SOCKET ASSY.	1	1	
15		953020	.1	SEPARATING PLATE	3	3	
16		651780	.1	CONNECTOR BRACKET	1	1	
17		250015	.1	SEALING RING A12x18	2	2	
18		222421	.1	TEMPERATURE SENSOR	2	2	
19		664364	.1	PRESSURE SENSOR 2.0	2	2	
20		638140	.1	CLIP	2	2	
21		951563	.1	CONNECTOR BRACKET	1	1	
22		874654	.1	PRESSURE-/TEMP. SENSOR	2a	2a	
23		850610	.1	CONNECTOR GASKET	2	2	
24		481485	.1	GOVERNOR CABLE KIT NC			003

a Ambient pressure and temperature

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ILLUSTRATED PARTS CATALOG

INTERCOOLER, WASTEGATE



AE 5iS_0219a

Figure 8.2: 73-10-00

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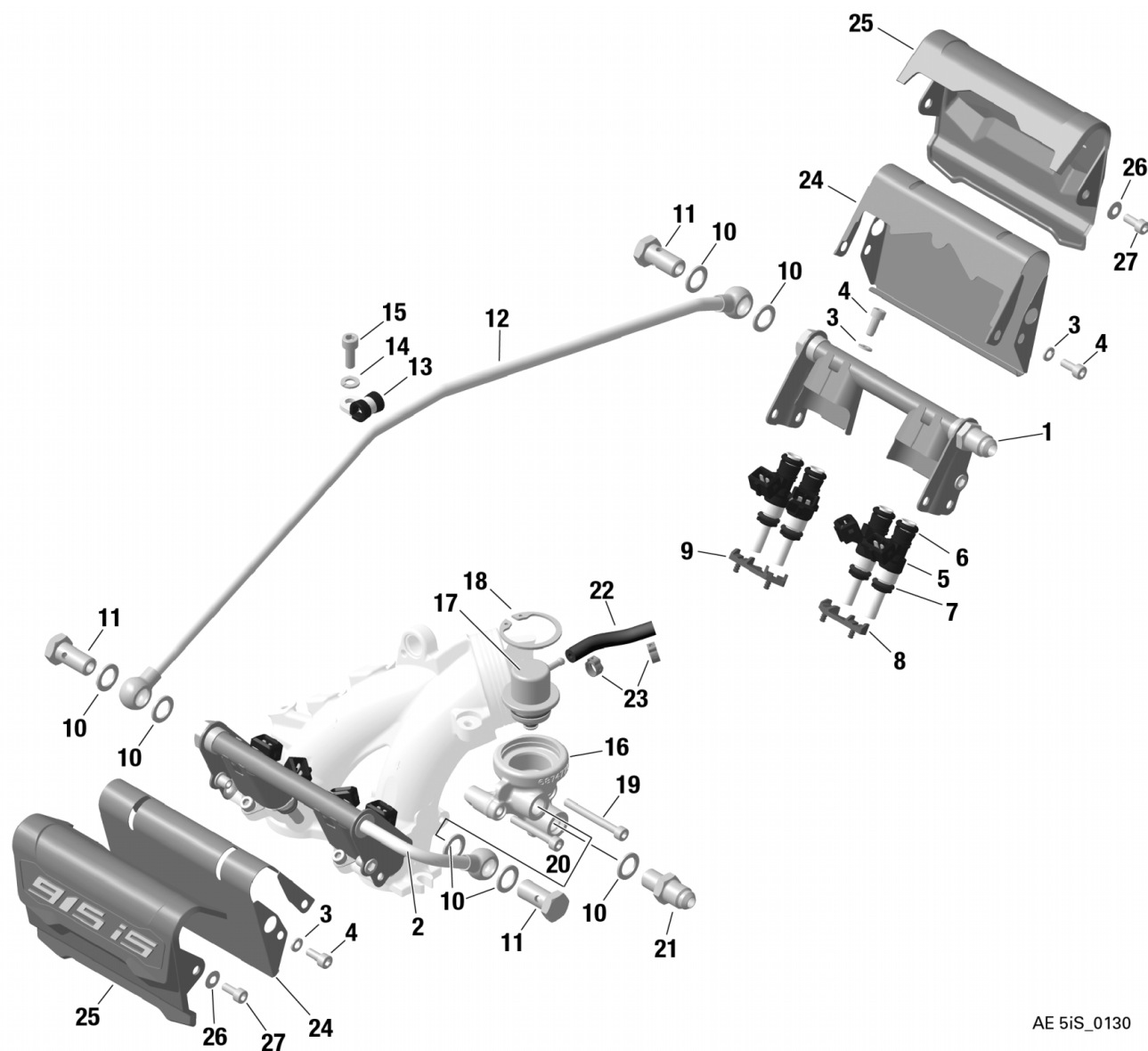
ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		201017	.1	AIR INTAKE HOSE	1	1	
2		951791	.1	CLAMP 50-70	2	2	
3		947781	.1	REDUCTION SLEEVE	1	1	
4		924623	.1	IMPULSE ELBOW	2	2	
5		812382	.1	VALVE HOUSING	1	1	
6		431740	.1	O-RING 38x2.4-N, VITON GLT 70	1	1	
7		840511	.1	ALLEN SCREW M5x16	4	4	
8		667194	.1	VALVE PISTON	1	1	
9		950932	.1	SEALING RING PTFE	1	1	
10		838372	.1	COMPRESSION SPRING DM22 D1.5 L65	1	1	
11		450390	.1	O-RING 54x2-N, FPM	1	1	
12		812391	.1	VALVE COVER	1	1	
13		664364	.1	PRESSURE SENSOR 2.0	2	2	
14		874333	.1	FUEL HOSE 6x11	3	3	
15		851468	.1	CLAMP 10.3 – 12.8	5	5	
16		664638	.1	SOLENOID VALVE	1	1	
17		951898	.1	CLAMP 8 – 11	1	1	
18		853381	.1	CLAMP 40-60	4	4	005
19		888962	.1	INTERCOOLER	1a	1a	005
20		888963	.1	INTERCOOLER NC	1	1	005
21		888965	.1	INTERCOOLER NC	1	1	005
22		825900	.1	AIRFILTER NC	1	1	006

a standard, see Installation Manual

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ILLUSTRATED PARTS CATALOG

**FUEL INJECTOR, FUEL RAIL, PRESSURE REGULATOR, FUEL RAIL
COVER**



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Figure 8.3: 73-10-00

73-10-00

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		874795	.1	FUEL RAIL 1/3 (RIGHT)	1		
2		874797	.1	FUEL RAIL 2/4 (LEFT)	1		
3		945750	.1	LOCK WASHER A5	11		
4		640541	.1	ALLEN SCREW M5x12	11		
5-7		874780	.1	FUEL INJECTOR	8		
6		831060	..2	O-RING 7.52x3.51	8		
7		831050	..2	O-RING 8.54x3.1 VITON B70	8		
8		860042	.1	DAMPER LEFT	2		
9		860040	.1	DAMPER RIGHT	2		
10		250640	.1	SEALING RING A 12x18-CU	7		
11		641540	.1	BANJO BOLT	3		
12		874802	.1	FUEL LINE ASSY.	1		
13		853412	.1	CABLE CLAMP	1		
14		945751	.1	LOCK WASHER A6	1		
15		241239	.1	ALLEN SCREW M6x16	1		
16		874770	.1	PRESSURE REGULATOR HOUSING	1		
17		889262	.1	FUEL PRESSURE REGULATOR ASSY.	1		
18		845650	.1	RETAINING RING 36x1,5	1		
19		941791	.1	ALLEN SCREW M5x45	1		
20		841501	.1	ALLEN SCREW M5x35	1		
21		840700	.1	ADAPTER 9/16 UNF/M12x1.5	1		
22		960631	.1	TUBE 60 +/-3 MM	1		
23		853653	.1	1-EAR-CLAMP	2		
24		975090	.1	HEAT SHIELD	2		
25		975065	.1	COVERING FUEL RAIL	2		
26		939445	.1	SPRING WASHER 12x5.2x0.5	4		
27		640541	.1	ALLEN SCREW M5x12	4		

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ILLUSTRATED PARTS CATALOG

FUEL PUMP ASSY.

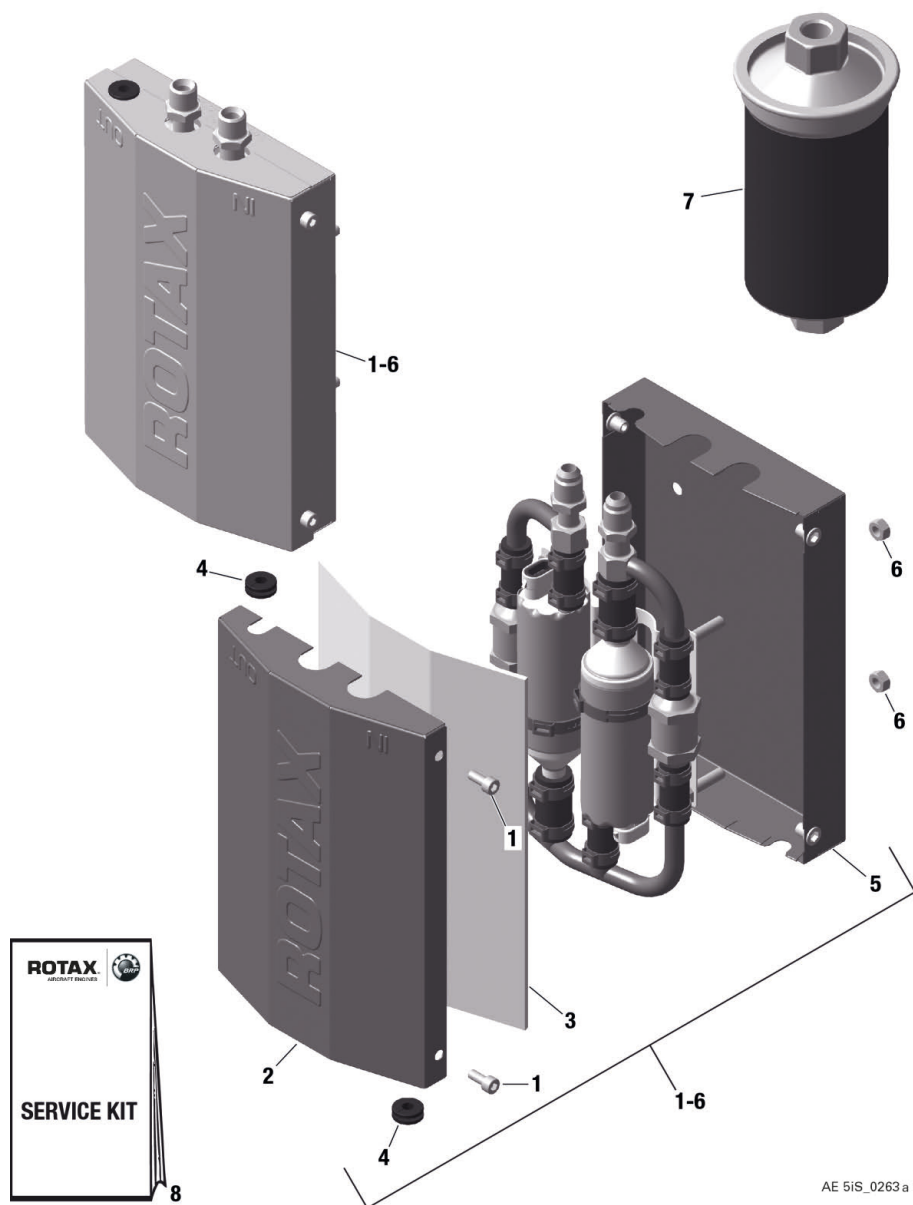


Figure 8.4: 73-10-00

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In- dent	Description	Parts per Engine		SI- PAC
					915 iS A	915 iSc A	
1-6		889696	.1	FUEL PUMP ASSY. UNF NC	1a	1a	016
1-6		889698	.1	FUEL PUMP ASSY. METRIC NC	1b	1b	016
1	S.v. N	640541 640542	..2	ALLEN SCREW M5x12 ALLEN SCREW M5x12 NC	4	4	016
2		911790	..2	COVER NC	1	1	016
3		975055	..2	HEAT PROTECTION MAT NC	1	1	016
4		201160	..2	RUBBER GROMMET NC	2	2	016
5		911700	..2	HOUSING NC	1	1	016
6		242213	..2	HEX. NUT M6 NC	8	8	016
7		874060	.1	FUEL FILTER NC	1	1	007
8		889537	.1	SERVICE KIT NC	1	1	008

a Thread 9/16 18 UNF

b Thread M14x1.5

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ILLUSTRATED PARTS CATALOG

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ILLUSTRATED PARTS CATALOG

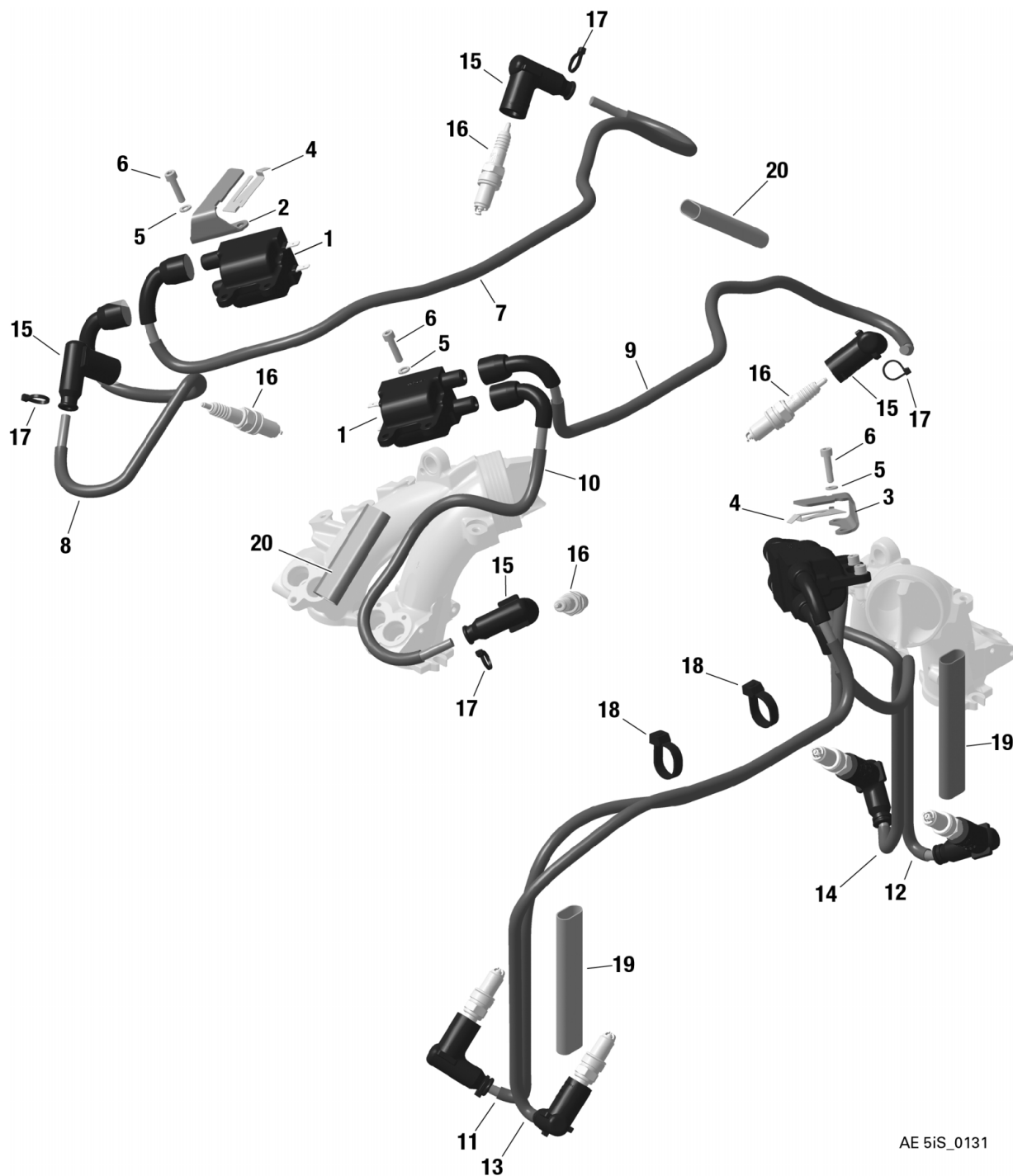
Chapter: 74-20-00
IGNITION COILS, IGNITION CABLE, SPARK PLUG CONNECTOR, SPARK
PLUG

TOPICS IN THIS CHAPTER

IGNITION COILS, IGNITION CABLE, SPARK PLUG CONNECTOR, SPARK	
PLUG	2

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ILLUSTRATED PARTS CATALOG

**IGNITION COILS, IGNITION CABLE, SPARK PLUG CONNECTOR, SPARK
PLUG**



AE 5iS_0131

Figure 9.1: 74-20-00

74-20-00

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In- dent	Description	Parts per Engine		SI- PAC
					915 iS A	915 iSc A	
1		665613	.1	DOUBLE IGNITION COIL	4	4	
2		951497	.1	CONNECTOR BRACKET	1	1	
3		951496	.1	CONNECTOR BRACKET	1	1	
4		251685	.1	SPRING HOOK	2	2	
5		945750	.1	LOCK WASHER A5	8	8	
6		441341	.1	ALLEN SCREW M5x20	8	8	
7-14		665558	.1	IGNITION CABLE SET	1a	1a	
15		265249	.1	SPARK PLUG CONNECTOR	8	8	
16		297656	.1	SPARK PLUG	8	8	
17		866718	.1	TIE WRAP 94x2.5 MM	8	8	
18		866716	.1	TIE WRAP 203x7.6 MM	2	2	
19		860734	.1	GLASS FIBER-SILICON SHEAT- ING 120	2	2	
20		860736	.1	GLASS FIBER-SILICON SHEAT- ING 75	2	2	

- ^a Set for double ignition coil with high tension connector rettich thread included: 8 ignition cable assy., 8 protective cap and 8 glass fiber-silicon sheeting.

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ILLUSTRATED PARTS CATALOG

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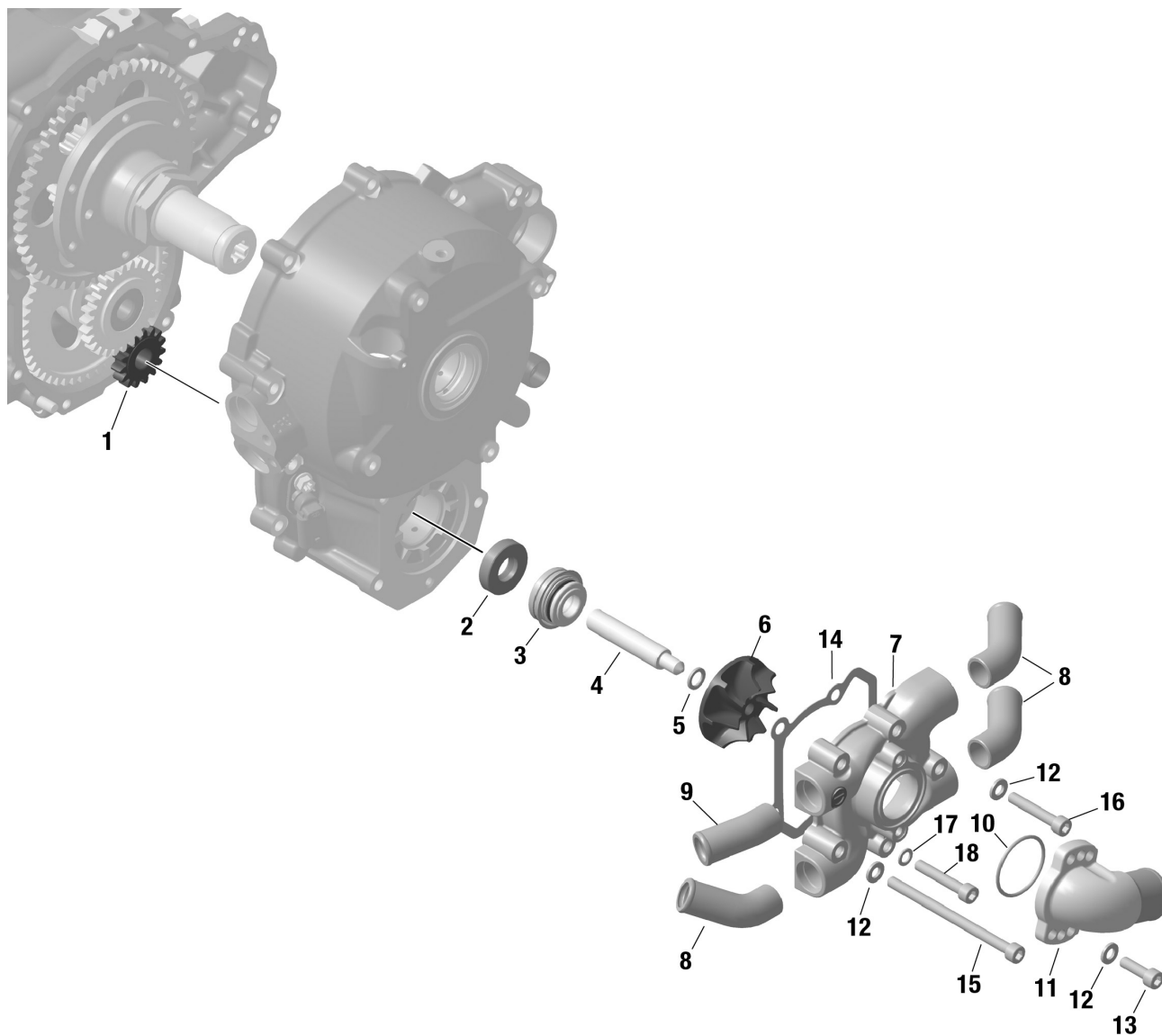
Chapter: 75-20-00
WATER PUMP WITH DRIVE, EXPANSION TANK, COOLING AIR BAFFLE

TOPICS IN THIS CHAPTER

WATER PUMP WITH DRIVE	2
EXPANSION TANK WITH HOSES AND CONNECTIONS.....	4
COOLING AIR BAFFLE	6

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ILLUSTRATED PARTS CATALOG

WATER PUMP WITH DRIVE



10309

Figure 10.1: 75-20-00

75-20-00

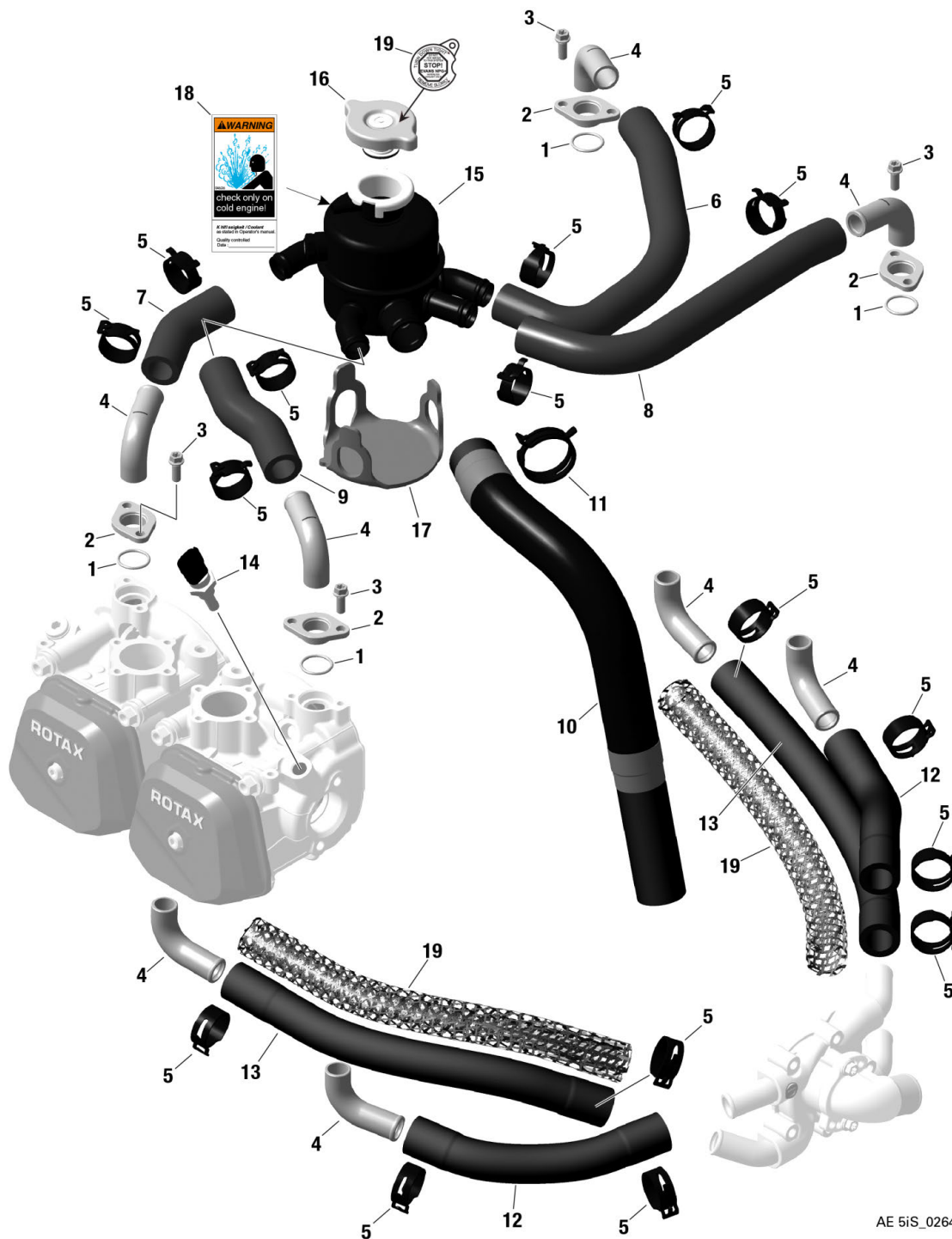
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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		834135	.1	WATER PUMP GEAR 15 T	1		
2		850977	.1	OIL SEAL A 12x30x7 FPM	1		
3		850946	.1	ROTARY SEAL	1		
4		837111	.1	PUMP SHAFT	1		
5		926274	.1	WASHER 8.2/12.5/1.5	1		
6		922224	.1	IMPELLER	1		
7		922202	.1	WATER PUMP HOUSING	1		
8		922233	.1	BENT SOCKET 45 DEGREES	3		
9		922234	.1	BENT SOCKET 20 DEGREES	1		
10		230020	.1	O-RING 32x2	10		
11		922218	.1	WATER INLET ELBOW	1		
12		827961	.1	WASHER 6.4 DIN 125	6		
13		241930	.1	ALLEN SCREW M6x20 DIN 912	2		
14		850981	.1	GASKET	1		
15		241481	.1	ALLEN SCREW M6X90	2		
16		241811	.1	ALLEN SCREW M6x35 ISO 4762-8.8	2		
17		230415	.1	SEALING RING A 6x10 DIN 7603	1		
18		241813	.1	ALLEN SCREW M6x35, STAINLESS	1		

EXPANSION TANK WITH HOSES AND CONNECTIONS



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Figure 10.2: 75-20-00

75-20-00

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ILLUSTRATED PARTS CATALOG

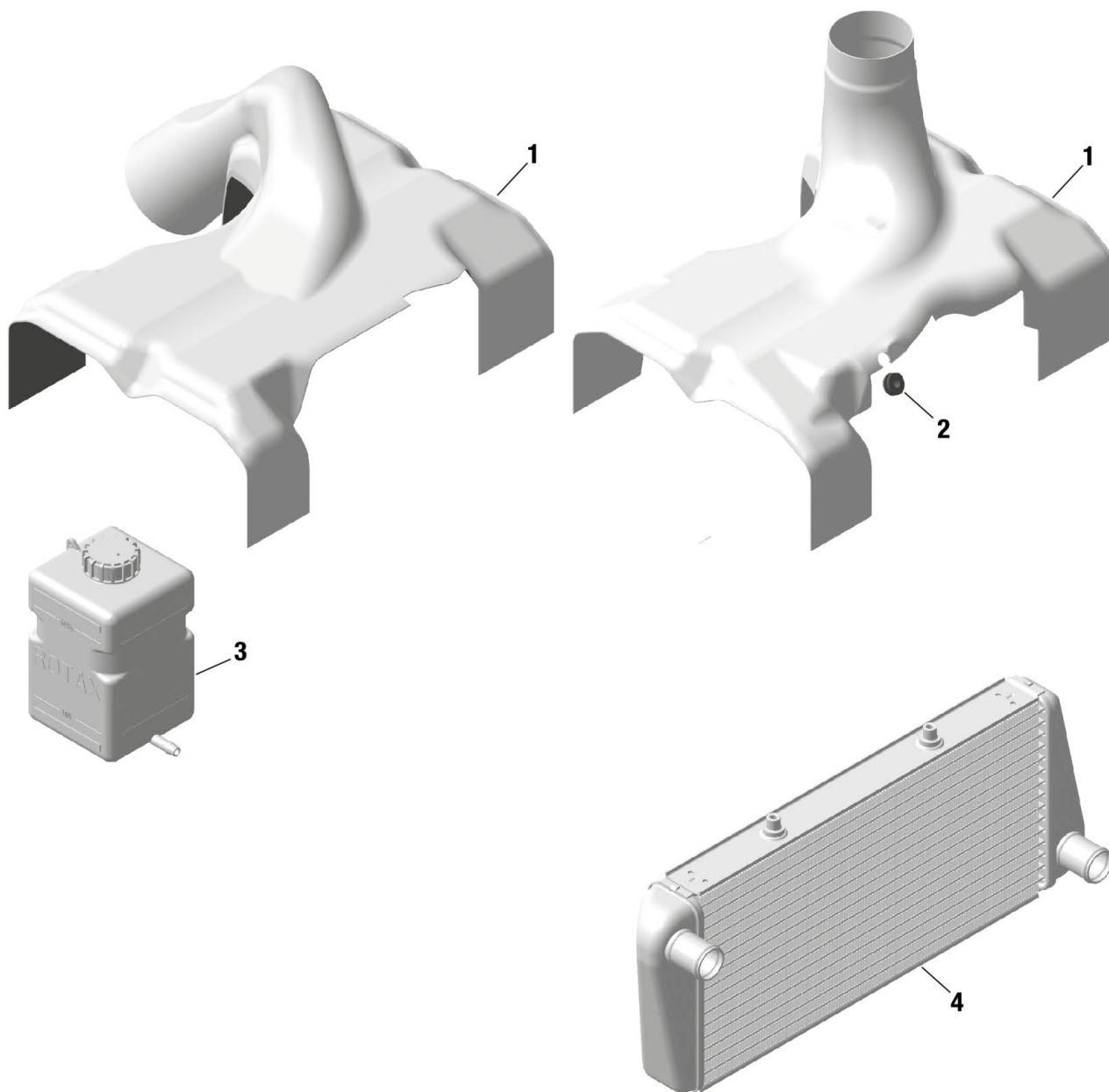
Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		950180	.1	O-RING 19-2	4	4	
2		922303	.1	FLANGE	4	4	
3		440162	.1	HEX./TORX-FLANGE SCREW M6X16-SW8/T30	8	8	
4		922231	.1	BENT SOCKET 80 DEGREES	8	8	
5		851645	.1	CLAMP 25	16	16	
6		822422	.1	FORM HOSE 1	(1a)	(1a)	
6		822420	.1	FORM HOSE 1	1b	1b	
7		822432	.1	FORM HOSE 2	(1a)	(1a)	
7		822430	.1	FORM HOSE 2	1b	1b	
8		822442	.1	FORM HOSE 3	(1a)	(1a)	
8		822440	.1	FORM HOSE 3	1b	1b	
9		822447	.1	FORM HOSE 4	(1a)	(1a)	
9		822445	.1	FORM HOSE 4	1b	1b	
10		822450	.1	FORM HOSE	(1a)	(1a)	
10		822452	.1	FORM HOSE	1b	1b	
11		951350	.1	CLAMP 35	1	1	
12		922366	.1	WATER TUBE 180 +/-3 MM	(2a)	(2a)	
12		922360	.1	WATER TUBE 180 +/-3 MM	2b	2b	
13		922367	.1	WATER TUBE 280 +/-3 MM	(2a)	(2a)	
13		922362		WATER TUBE 280 +/-3 MM	2b	2b	
14		965537	.1	TEMPERATURE SENSOR	1	1	
15-18		922664	.1	EXPANSION TANK ASSY.	1	1	
16		922072	..2	RADIATOR CAP WITH GASKET 1.2 BAR/17.4 PSI	1	1	
17		860827	..2	RUBBER PLATE	1	1	
18		897506	..2	WARNING LABEL	2	2	
19		860650	.1	PROTECTION TUBE	2	2	

a Silicon

b Standard EPDM, change every 5 years

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ILLUSTRATED PARTS CATALOG

COOLING AIR BAFFLE



AE 5iS_0220a

Figure 10.3: 75-20-00

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In- dent	Description	Parts per Engine		SI- PAC
					915 iS A	915 iSc A	
1		975795	.1	COOLING AIR BAFFLE, TRAC- TOR WHITE	(1)	(1)	
1		975799	.1	COOLING AIR BAFFLE, TRAC- TOR BLACK	(1)	(1)	
1-2		975792	.1	COOLING AIR BAFFLE, PUSHER WHITE NC	(1)	(1)	
1-2		975798	.1	COOLING AIR BAFFLE, PUSHER BLACK NC	(1)	(1)	
2		201160	..2	RUBBER GROMMET	(1)	(1)	
3		922327	.1	OVERFLOW BOTTLE WITH CAP	1	1	009
4		997086	.1	RADIATOR NC	1	1	010

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ILLUSTRATED PARTS CATALOG

NOTES

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Chapter: 76-10-00
ENGINE CONTROL UNIT, FUSE BOX REGULATOR

TOPICS IN THIS CHAPTER

ENGINE CONTROL UNIT, FUSE BOX, REGULATOR	2
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ILLUSTRATED PARTS CATALOG

ENGINE CONTROL UNIT, FUSE BOX, REGULATOR

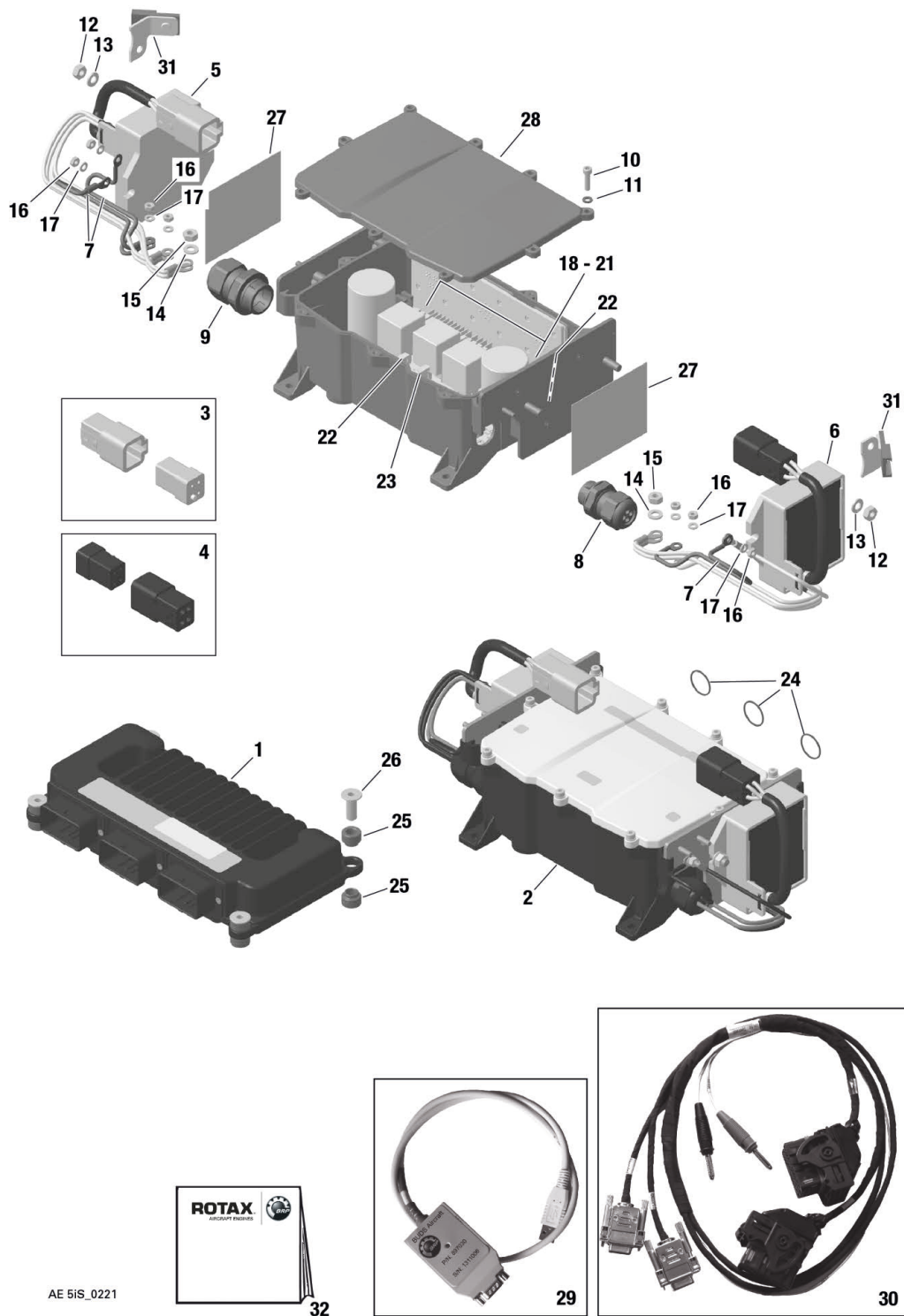


Figure 11.1: 76-10-00

76-10-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		881254	.1	ENGINE CONTROL UNIT ASSY. (864352 + packaging)	1	1	
2		881321	.1	FUSE BOX WRAPPED UP (665646 inclusive)	1	1	
3		866422	.1	CONNECTOR SET GREY	1a	1a	
4		866420	.1	CONNECTOR SET BLACK	1a	1a	
5		864395	.1	REGULATOR B-CONNECTOR GREY	1	1	
6		864392	.1	REGULATOR A-CONNECTOR BLACK	1	1	
7		866440	.1	MASS CABLE ASSY.	3	3	
8		201370	.1	SKINTOP CLICK 20	1	1	
9		201375	.1	SKINTOP CLICK 25	1	1	
10		840763	.1	ALLEN SCREW M4x16 ISO 4762- A2-70	9	9	
11		827230	.1	PLASTIC WASHER M4	9	9	
12		842042	.1	LOCK NUT M6	4	4	
13		244213	.1	WASHER 6.4	2	2	
14		927573	.1	WASHER 5.3	2	2	
15		842033	.1	LOCK NUT M5	2	2	
16		242538	.1	LOCK NUT M4-A2	7	7	
17		244078	.1	WASHER 4.3	7	7	
18		866450	.1	MINI-FUSE 2A	2	2	
19		866452	.1	MINI-FUSE 5A	11	11	
20		866454	.1	MINI-FUSE 7.5A	2	2	
21		866456	.1	MINI-FUSE 10A	7	7	
22		866490	.1	ATO-FUSE 20A	1	1	
23		866492	.1	ATO-FUSE 35A	1	1	
24		931110	.1	SEALING RING	3	3	
25		201460	.1	RUBBER SLEEVE	8	8	
26		947540	.1	SPACER	4	4	
27		282870	.1	HEAT TRANSFER PAD 65x80x0.5 MM	2	2	

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
28		201690	.1	COVER, FUSE BOX	1	1	
29		xxx	.1	B.U.D.S. SET LEVEL 1 for pilots/user, see chapter 00-00-00 NC	1	1	
29		xxx	.1	B.U.D.S. SET LEVEL 2 for maintenance personnel, see chapter 00-00-00 NC	1	1	
29		xxx	.1	B.U.D.S. SET LEVEL 3 for distributors/OEM, see chapter 00-00-00 NC	1	1	
30		xxx	.1	SERVICE WIRING HARNESS ASSY. see chapter 00-00-00 NC	1	1	
31		951983	.1	CONNECTOR BRACKET ASSY. NC	2	2	011
32-37		881555	.1	NUT SET FUSE BOX	1	1	
33		242538	..2	LOCK NUT M4	3	3	
34		244078	..2	WASHER 4.3	6	6	
35		842042	..2	LOCK NUT M6	3	3	
36		244219	..2	Washer 6.2/14/3	6	6	
37		931110	..2	SEALING RING	3	3	

a Connector set consisting of all parts for regulator and stator side.

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ILLUSTRATED PARTS CATALOG

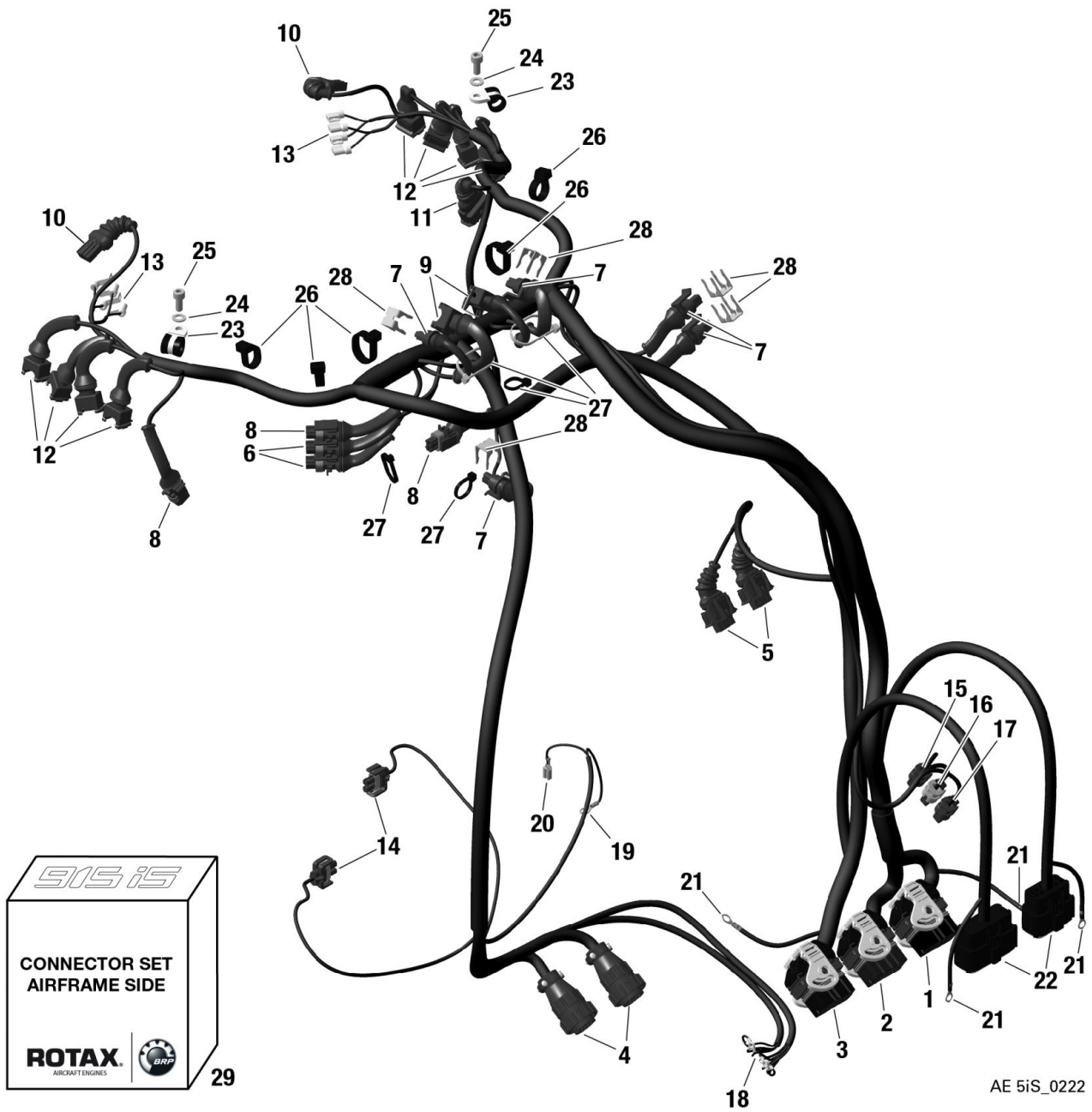
Chapter: 76-50-00
WIRING HARNESS

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ILLUSTRATED PARTS CATALOG

WIRING HARNESS



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Figure 12.1: 76-50-00

76-50-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1-21		665577	.1	WIRING HARNESS	1	1	
1	n.a.		..2	ECU LANE A1 CONNECTOR	1	1	
2	n.a.		..2	ECU LANE A2 CONNECTOR	1	1	
3	n.a.		..2	ECU LANE B CONNECTOR	1	1	
4		881312	..2	FUSE BOX CONNECTOR	2	2	
5		881306	..2	AAPTS CONNECTOR	2	2	
6		881298	..2	CPS CONNECTOR	2	2	
7		881302	..2	OPS, BPS AND MAPS CONNECTOR	3+2a	3+2a	
8		881296	..2	CTS A OTS A KNOCK CONNECTOR	3	3	
9		881292	..2	MATS CONNECTOR	2	2	
10		481455	..2	EGT CONNECTOR	2	2	
11		881308	..2	TPS CONNECTOR	1	1	
12		881300	..2	INJ CONNECTOR	8	8	
13		881310	..2	IGNITION COIL CONNECTOR	1	1	
14		881304	..2	FUEL PUMP CONNECTOR	2	2	
15		481452	..2	CONNECTOR PCV A	1	1	
16		481453	..2	CONNECTOR PCV B	1	1	
17		481454	..2	CONNECTOR PCV C	1	1	
18		965700	..2	CABLE SHOE M4	9	9	
19		964059	..2	CABLE SHOE M6	1	1	
20		864011	..2	FASTON CONNECTOR 6.3x0.8	1	1	
21		966057	..2	RING TERMINAL	4	4	
22		881294	.1	CONNECTOR SET HIC A + HIC B	1	1	
23		251691	.1	CABLE CLAMP 12/M6	2	2	
24		827961	.1	WASHER 6.4	2	2	
25		840391	.1	ALLEN SCREW M6x14	2	2	
26		866716	.1	TIE WRAP 203x7.6 MM	5	5	
27		866714	.1	TIE WRAP 142x3.2 MM	5	5	

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
28		638140	.1	CLAMP	5	5	
29		881240	.1	CONNECTOR SET HIC NC	1b	1b	012

a for OPS, MAPS and BPS.

b HIC A, HIC B and FUSE BOX 3-pole.

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ILLUSTRATED PARTS CATALOG

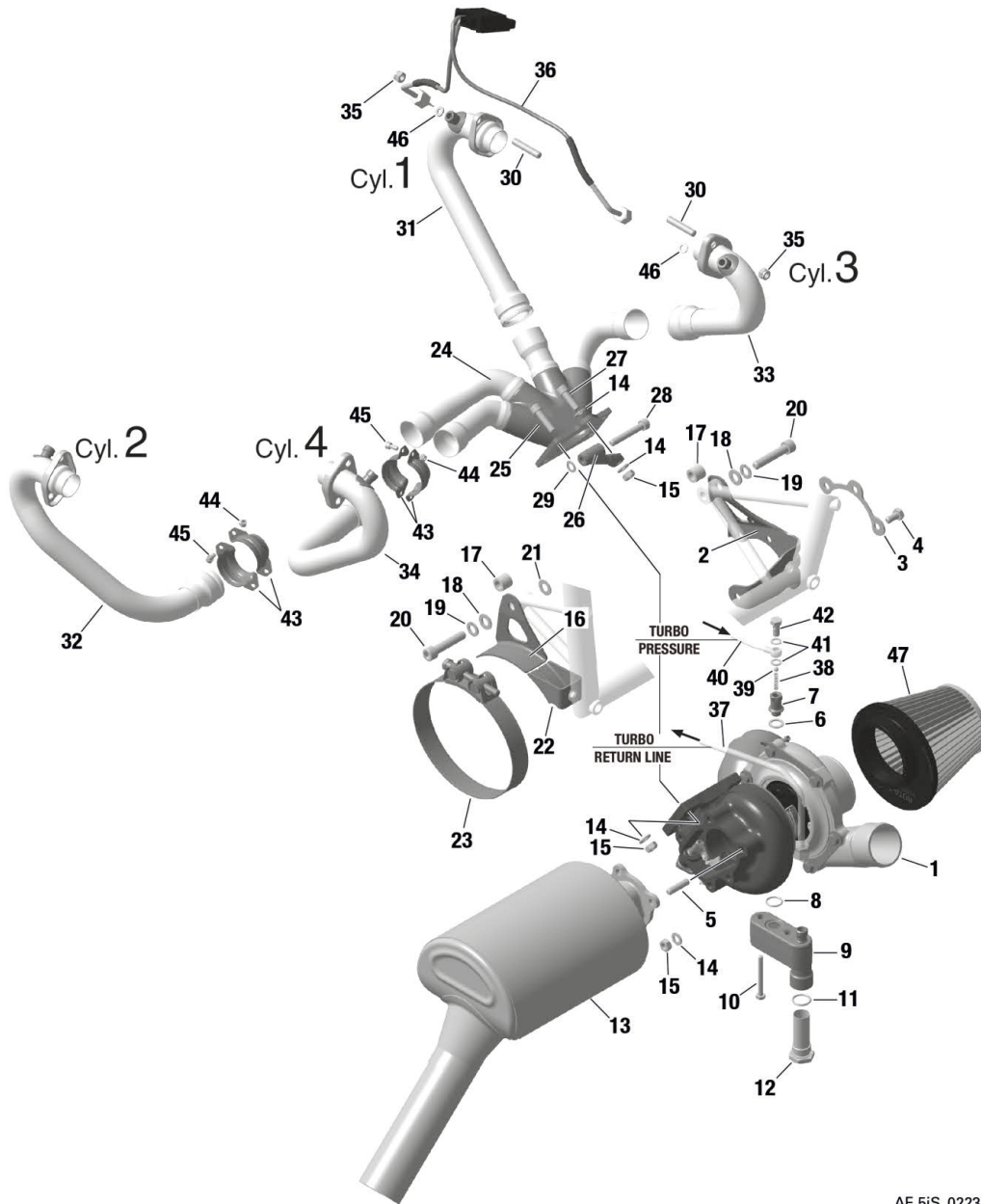
Chapter: 78-10-00
EXHAUST SYSTEM, EXHAUST TEMPERATURE SENSOR

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ILLUSTRATED PARTS CATALOG

EXHAUST SYSTEM, EXHAUST TEMPERATURE SENSOR



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Figure 13.1: 78-10-00

78-10-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		893105	.1	TURBOCHARGER ASSY.	1	1	
2		851296	.1	TURBOCHARGER BRACKET	1	1	
3		851305	.1	REINFORCEMENT SHEET	1	1	
4		940583	.1	HEX. SCREW M8x16 STAINLESS STEEL	3	3	
5		940173	.1	STUD M8x19.5/13	5	5	
6		250640	.1	SEALING RING A 12x18-CU	1	1	
7		956489	.1	VALVE HOUSING	1	1	
8		430225	.1	O-RING 15.9-2.3	1	1	
9		656770	.1	OIL SUMP ASSY.	1	1	
10		640601	.1	ALLEN SCREW M6x50	2	2	
11		250055	.1	O-RING 18x2.5-N, FPM 75	1	1	
12		640860	.1	PLUG SCREW ASSY. M22x1.5	1	1	
13		979475	.1	MUFFLER ASSY.	1	1	
14		250313	.1	WASHER 8.4 STAINLESS STEEL	11	11	
15		242203	.1	HEX. NUT M8 STAINLESS STEEL	9	9	
16		851680	.1	EXHAUST BRACKET	1	1	
17		xxx	.1	SPACER 10.5/17/15 see chap. 71-20-00	2	2	
18		xxx	.1	WASHER 10.5 see chap. 71-20-00	2	2	
19		xxx	.1	LOCK WASHER A10 see chap. 71-20-00	2	2	
20		xxx	.1	ALLEN SCREW M10x50 see chap. 71-20-00	2	2	
21		xxx	.1	THRUST WASHER 10.1/20/1.0 see chap. 71-20-00	AR	AR	
22		851682	.1	EXHAUST BRACKET	1	1	
23		851445	.1	CLAMP 74-79	1	1	
24		979561	.1	EXHAUST MANIFOLD ASSY.	1	1	
25		840993	.1	ALLEN SCREW M8x30	4	4	
26		953306	.1	MANIFOLD BRACKET ASSY.	1	1	
27		240073	.1	ALLEN SCREW M8x20	1	1	

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
28		440107	.1	ALLEN SCREW M8x50	1	1	
29		926400	.1	WASHER 8.4/15/0.5	AR	AR	
29		926401	.1	WASHER 8.4/15/1	AR	AR	
29		926402	.1	WASHER 8.4/15/1.5	AR	AR	
30		940366	.1	STUD M8x23/20	8	8	
31		979501	.1	EXHAUST PIPE ASSY. CYL. 1	1	1	
32		979511	.1	EXHAUST PIPE ASSY. CYL. 2	1	1	
33		979521	.1	EXHAUST PIPE ASSY. CYL. 3	1	1	
34		979531	.1	EXHAUST PIPE ASSY. CYL. 4	1	1	
35		842951	.1	LOCK NUT M8-SW12	8	8	
36		866262	.1	TEMPERATURE SENSOR	2	2	
37		xxx	.1	TURBO OIL SUCTION LINE see chap. 79-20-00	1	1	
38		239131	.1	COMPRESSION SPRING 22.0	1	1	
39		232440	.1	BALL 5.556 MM	1	1	
40		xxx	.1	TURBO PRESSURE OIL LINE see chap. 79-20-00	1	1	
41		950141	.1	SEALING RING A 8x13	2	2	
42		840730	.1	BANJO BOLT M8x1x17	1	1	
43		979570	.1	EXHAUST PIPE CLAMP (Cyl. 2 and 4)	4	4	
44		901442	.1	HEX. NUT ISO 7042 - M5 - A2 (Cyl. 2 and 4)	4	4	
45		240153	.1	ALLEN SCREW M5X10 ISO 4762-A2-70 (Cyl. 2 and 4)	4	4	
46		244213	.1	WASHER 6.4	4	4	
47		xxx	.1	AIRFILTER see chapter 73-10-00 NC	1		006

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ILLUSTRATED PARTS CATALOG

Chapter: 79-20-00
OIL TANK, OIL PUMP ASSY., OIL FILTER, OIL TEMPERATURE SENSOR,
OIL PRESSURE SENSOR, OIL SPRAY NOZZLE ASSY.

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ILLUSTRATED PARTS CATALOG

OIL TANK

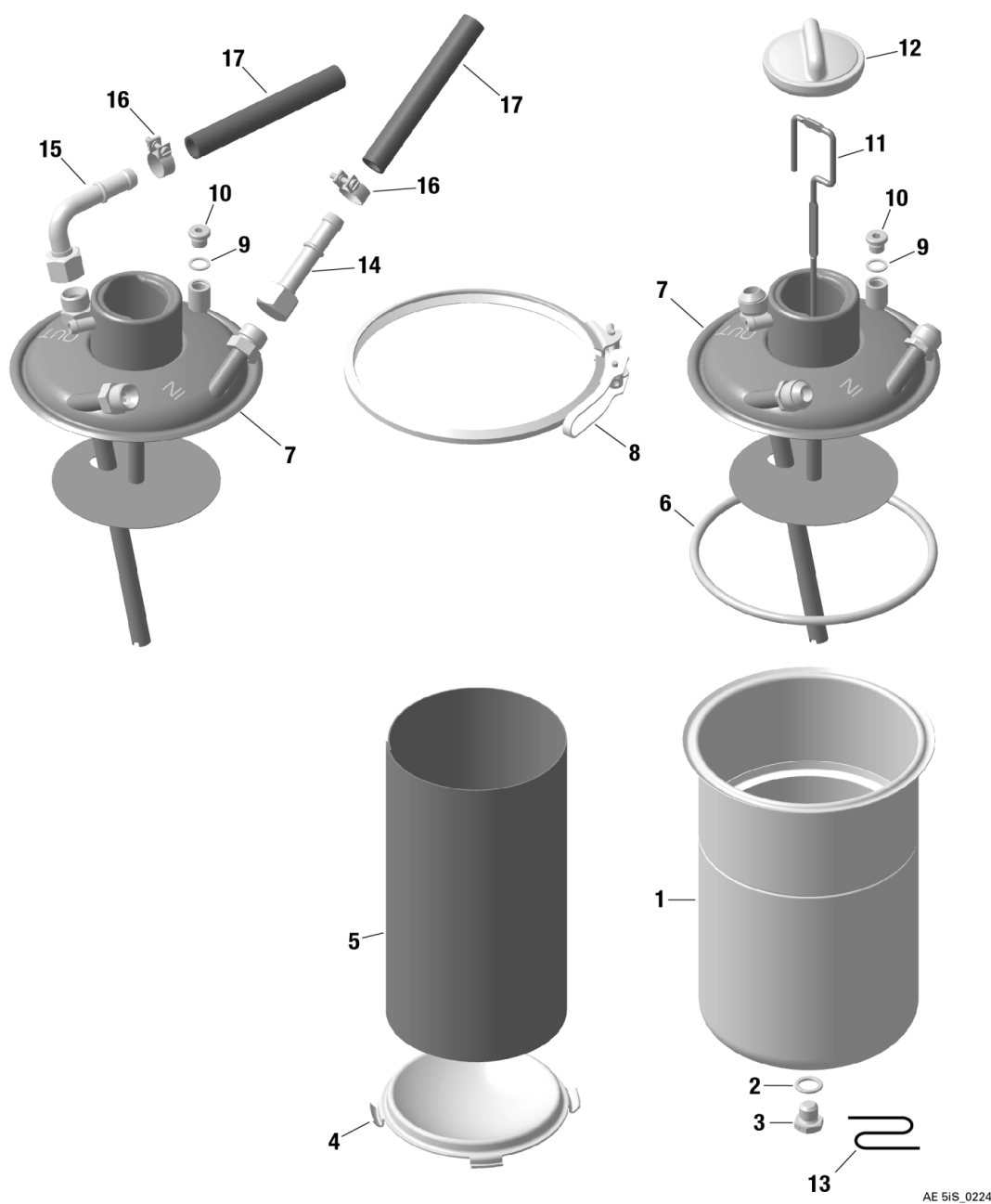


Figure 14.1: 79-20-00

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ILLUSTRATED PARTS CATALOG

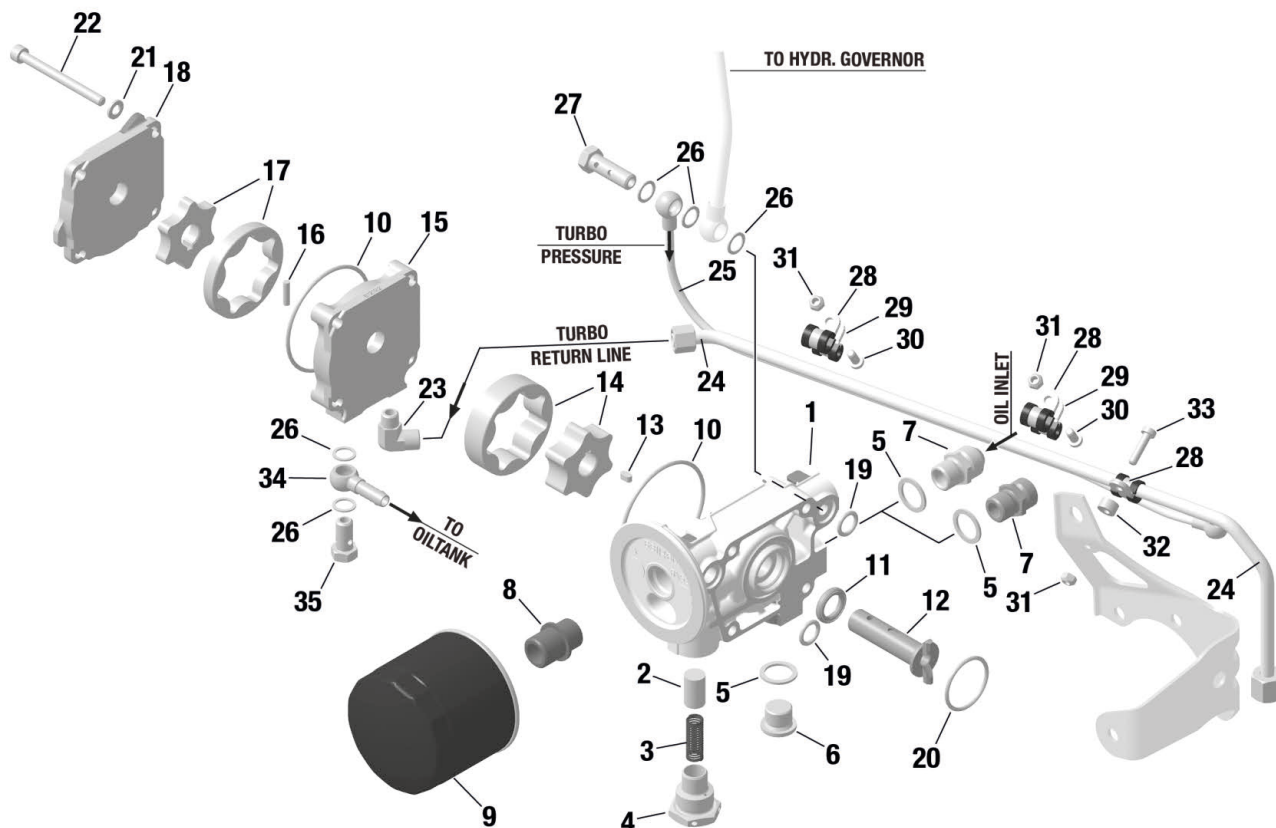
Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1-12		656854	.1	OIL TANK ASSY UNF BIG	(1)	(1)	
1-12		656852	.1	OIL TANK ASSY. UNF standard	(1)	(1)	
1-12		656880	.1	OIL TANK ASSY. METRIC standard	1	1	
1-12		656XXX	.1	OIL TANK ASSY. METRIC BIG	(1)	(1)	
1		956426	..2	OIL TANK standard	(1)	(1)	
1		956427	..2	OIL TANK BIG NC	1	1	018
2		250010	..2	GASKET RING C 12x18	1	1	
3		241408	..2	HEX. SCREW M12x12	1	1	
4		656861	..2	PARTITION 2	1	1	
5		956204	..2	BAFFLE INSERT standard	1	1	
5		956205	..2	BAFFLE INSERT BIG	1	1	
6		850491	..2	O-RING 145x6-N, HNBR 70	1	1	
7	n.a.	656882	..2	OIL TANK COVER ASSY. UNF standard	(1)	(1)	
7	n.a.	656887	..2	OIL TANK COVER ASSY. METRIC standard	(1)	(1)	
7	n.a.	656858	..2	OIL TANK COVER ASSY. UNF BIG	(1)	(1)	
7	n.a.	XXXXX-X	..2	OIL TANK COVER ASSY. METRIC BIG	1	1	
8		951817	..2	PROFILE CLAMP 163	1	1	
9		230150	..2	SEALING RING A 10x14	1	1	
10		641733	..2	PLUG SCREW M10x1	1	1	
11		956154	..2	OIL DIPSTICK	1	1	
12		974647	.1	OIL TANK COVER, WITHOUT VENTING standard tank	(1)	(1)	
12		974650	..2	OIL TANK COVER, WITHOUT VENTING BIG tank	(1)	(1)	
13		297555	.1	SAFETY WIRE 0.8	1	1	
14		956610	.1	HOSE NIPPLE WITH UNION NUT NC	AR	AR	013
15		956580	.1	BENT SOCKET	AR	AR	013

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Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
				NC			
16		853725	.1	CLAMP SP 17/9 NC	AR	AR	013
17		956390	.1	OIL TUBE OLNS NC	AR	AR	013

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ILLUSTRATED PARTS CATALOG

**OIL PUMP ASSY., OIL FILTER, OIL TEMPERATURE SENSOR, OIL
PRESSURE SENSOR**



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Figure 14.2: 79-20-00

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ILLUSTRATED PARTS CATALOG

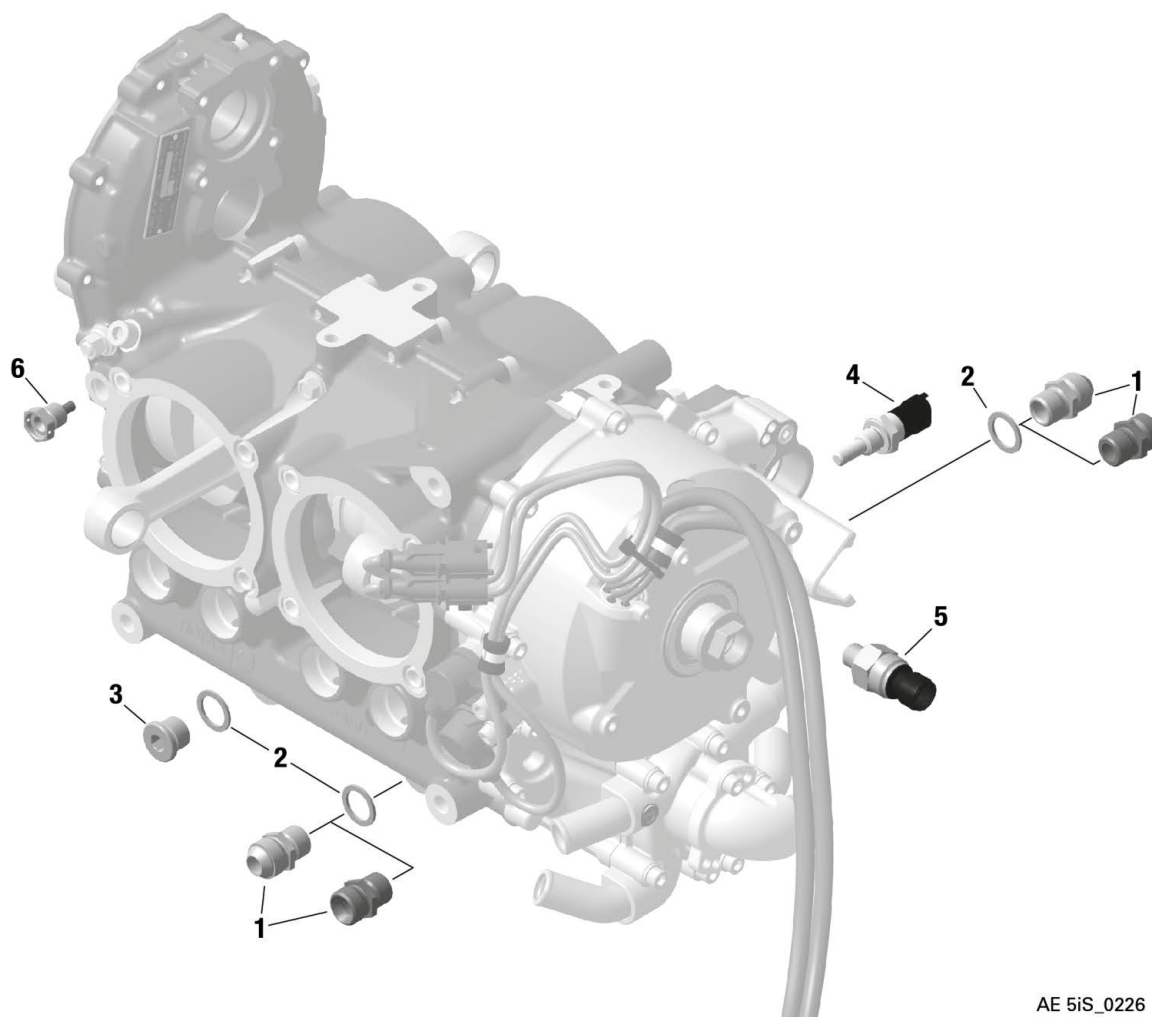
Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		811460	.1	OIL PUMP HOUSING	1	1	
2		856330	.1	REGULATING PISTON	1	1	
3		838125	.1	COMPRESSION SPRING DM 8.85 D1.25 L52	1	1	
4		640850	.1	PLUG SCREW M22x1.5	1	1	
5		430622	.1	SEALING RING A 16x22	2	2	
6		240234	.1	PLUG SCREW A M16x1.5	1	1	
7		956651	.1	ADAPTER 3/4-16 UNF/ M16x1.5	(3)	(3)	
7		956655	.1	ADAPTER M18x1.5 / M16x1.5	1	1	
8		924430	.1	OIL FILTER NIPPLE	1	1	
9		825016	.1	OIL FILTER	1	1	
10		830372	.1	O-RING 63-2.5	2	2	
11		430102	.1	OIL SEAL A 14x22x4 FPM	1	1	
12		837295	.1	OIL PUMP SHAFT	1	1	
13		246580	.1	KEY A 4x4x8	1	1	
14		888821	.1	PRESSURE INNER AND OUTER ROTOR	1	1	
15		812192	.1	OIL PUMP HOUSING	1	1	
16		232731	.1	NEEDLE PIN 4x15.8 G3	1	1	
17		656850	.1	ROTOR SET	1	1	
18		911713	.1	OIL PUMP COVER	1	1	
19		250460	.1	O-RING 11-2.7	2	2	
20		950410	.1	O-RING 30x2.5	1	1	
21		827961	.1	WASHER 6.4	4	4	
22		241261	.1	ALLEN SCREW M6x65	4	4	
23		824020	.1	MALE STUD ELBOW M10x1	1	1	
24		656760	.1	TURBO OIL SUCTION LINE	1	1	
25		656765	.1	TURBO PRESSURE OIL LINE	1	1	
26		230150	.1	SEALING RING A 10x14	3	3	
27		940873	.1	BANJO BOLT M10x1x30	1	1	
28		851111	.1	CABLE CLAMP 8/M5	3	3	
29		851116	.1	CABLE CLAMP 5/M5	2	2	

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
30		241841	.1	ALLEN SCREW M5x12	2	2	
31		942020	.1	LOCK NUT M5	3	3	
32		847664	.1	SPACER 5.2/11/6.0	1	1	
33		941540	.1	ALLEN SCREW M5x20	1	1	
34		956314	.1	HOSE NIPPLE 4/6	1	1	
35		940874	.1	BANJO BOLT M10x1x19	1	1	

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ILLUSTRATED PARTS CATALOG

**OIL TEMPERATURE SENSOR, OIL PRESSURE SENSOR, OIL SPRAY
NOZZLE ASSY.**



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Figure 14.3: 79-20-00

79-20-00

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In- dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1		956651	.1	ADAPTER 3/4-16 UNF/ M16x1.5	(2)	(2)	
1		956655	.1	ADAPTER M18x1.5 / M16x1.5	2	2	
2		430622	.1	SEALING RING A 16x22	3	3	
3		240234	.1	PLUG SCREW A M16x1.5	2	1	
4		965537	.1	TEMPERATURE SENSOR	1	1	
5		664365	.1	PRESSURE SENSOR 10	1	1	
6		241785	.1	MAGNETIC DRAIN PLUG M12x1.5	1	1	

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OIL RADIATOR

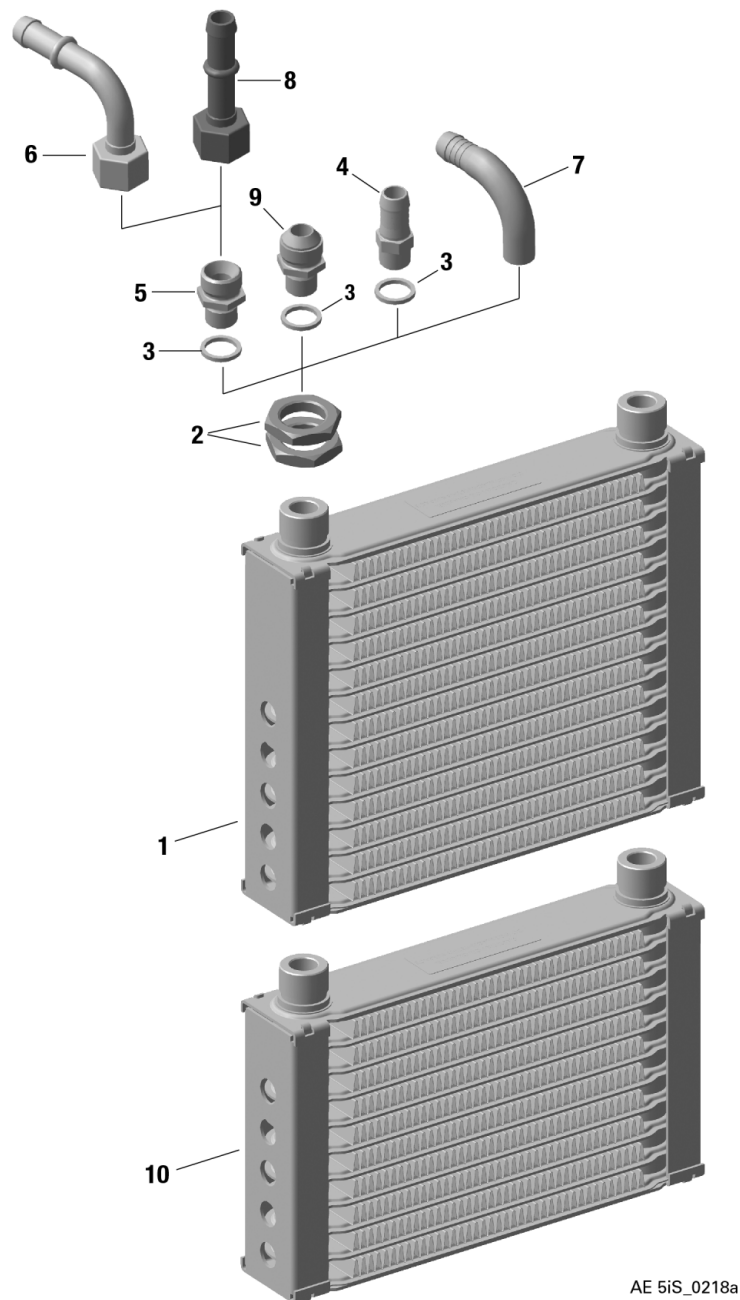


Figure 14.4: 79-20-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1,2,3- ,9		886036	.1	OIL RADIATOR SET UNF NC	(1)	(1)	014
1,2,3- ,4		886034	.1	OIL RADIATOR SET METRIC NC	(1)	(1)	014
1		886004	.1	OIL RADIATOR NC	(1)	(1)	014
2		242873	.1	HEX. NUT M22x1.5 NC	(4)	(4)	013
2,3,9		956645	.1	SCREW CONNECTION SET UNF NC	(1)	(1)	013
3,5,8		956615	.1	SCREW CONNECTION SET STRAIGHT NC	(1)	(1)	013
3,5,6		956585	.1	SCREW CONNECTION SET BENT NC	(1)	(1)	013
3		230387	.1	GASKET RING 14.2/18/2 NC	(2)	(2)	013
4		840461	.1	NIPPLE 13.2/9.5-M14x1.5 NC	(2)	(2)	013
5		956577	.1	ADAPTER M18x1.5/M14x1.5 NC	(2)	(2)	013
6		956580	.1	BENT SOCKET ASSY. NC	AR	AR	013
7		924585	.1	ANGULAR TUBE M14x1.5 NC	AR	AR	013
8		956610	.1	HOSE NIPPLE WITH UNION NUT NC	AR	AR	013

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ILLUSTRATED PARTS CATALOG

Item No.	Status	Part No.	In- dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
9		956643	.1	ADAPTER 3/4-16 UNF/M14x1.5 NC	(2)	(2)	013
10		886106	.1	OIL RADIATOR NC	(1)	(1)	013

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ILLUSTRATED PARTS CATALOG

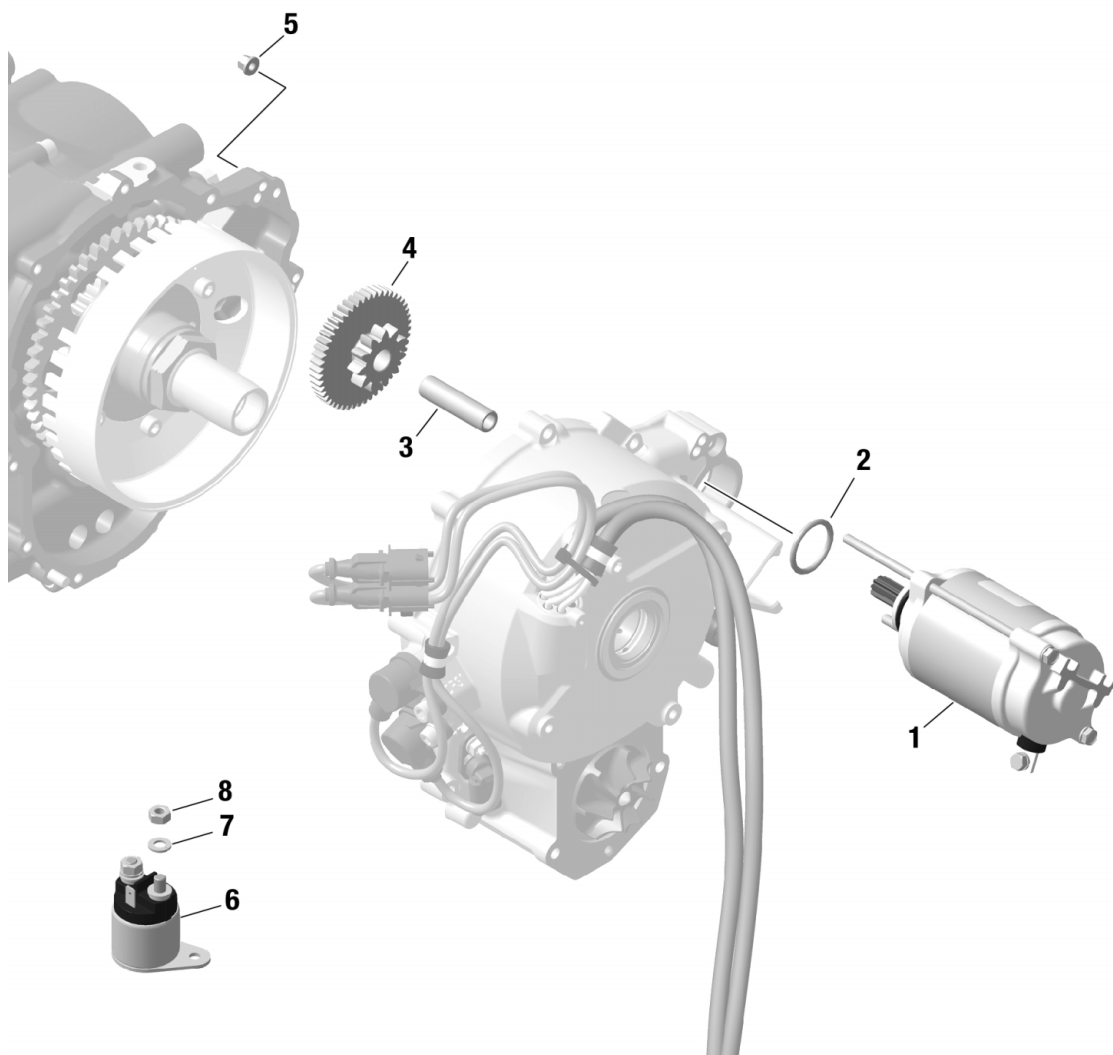
Chapter: 80-10-00
ELECTRIC STARTER, STARTER RELAY

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ILLUSTRATED PARTS CATALOG

ELECTRIC STARTER



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Figure 15.1: 80-10-00

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ILLUSTRATED PARTS CATALOG

Item No.	Sta-tus	Part No.	In-dent	Description	Parts per Engine		SI-PAC
					915 iS A	915 iSc A	
1-2		685667	.1	ELECTRIC STARTER ASSY. 12 V	1	1	
1-2		685671	.1	ELECTRIC STARTER ASSY. 24 V NC	(1)	(1)	015
2		250140	..2	O-RING DIN 3771-24.4x3.1-N NBR70	1	1	
3		837102	.1	IDLE GEAR SHAFT	1	1	
4		834156	.1	IDLE GEAR 50/11 T	1	1	
5		942311	..2	HEX. NUT M5	2	2	
6-8		992818	.1	STARTER RELAY ASSY.	1	1	017
7		945831	..2	LOCK WASHER A6	2	2	017
8		242211	..2	HEX. NUT M6	2	2	017

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ILLUSTRATED PARTS CATALOG

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Engine serial no.

Type of aircraft

Aircraft registration no.

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