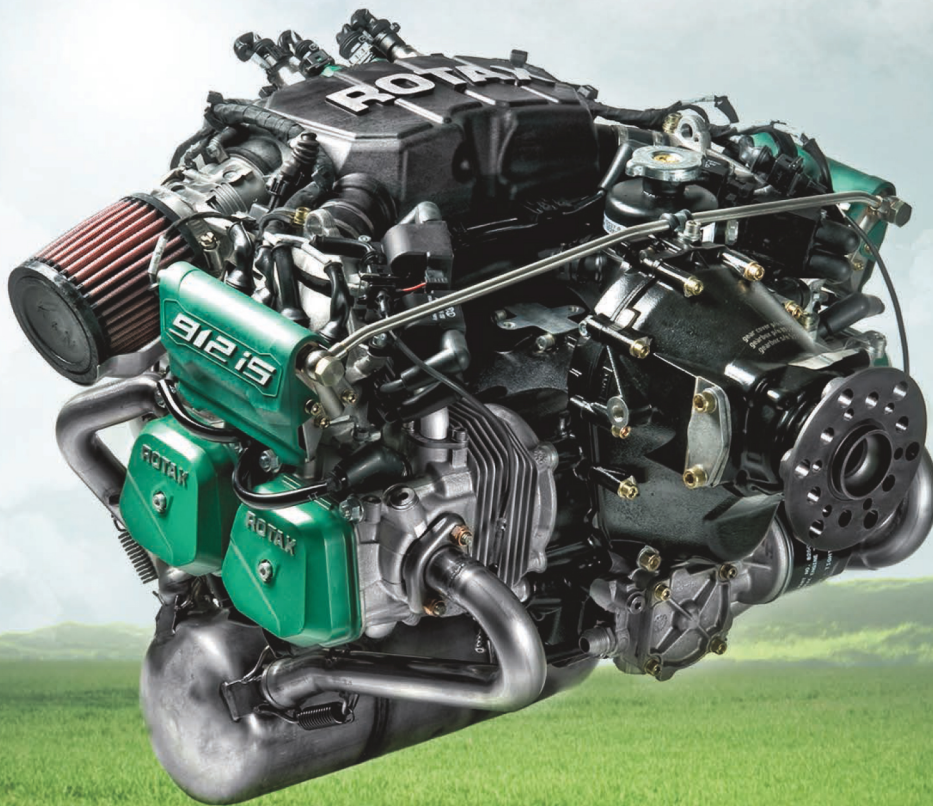


# ILLUSTRATED PARTS CATALOG

FOR ROTAX® ENGINE TYPE 912 i SERIES



## **WARNING**

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In any case the original text in English language and the metric units are authoritative.

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| LEP      | LEP - 1<br>LEP - 2                                                                                          | June 01 2018<br>March 01 2017                                                                                                                                                                                                                                                                                |
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### Chapter) TOA

#### TABLE OF AMENDMENTS

#### Approval\*

The technical content of this document is approved  
under the authority of DOA No. EASA.21J.048.

| current no. | chapter  | page  | date of change | remark of approval | date of approval from authorities | date of issue | signature |
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| 2           | 72-10-00 | 2-4,7 | June 01 2018   | DOA*               |                                   |               |           |

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**Chapter) TOA**

**Content**

Summary of the relevant amendments in this context, but makes no claim to completeness.

| current no. | chapter              | page           | date of change               | comments                                                                                        |
|-------------|----------------------|----------------|------------------------------|-------------------------------------------------------------------------------------------------|
| 0           | all                  | all            | Nov. 01 2016                 | New IPC layout, change company name                                                             |
| 1           | 80-10-00             | all            | March 01 2017                | - Removal of 0.9 kW HD-Starter<br>(not tested for 912 iS / 912 iS Sport / 912 iSc Sport)        |
| 2<br>2      | 00-00-00<br>72-10-00 | 18,19<br>2-4,7 | June 01 2018<br>June 01 2018 | - Update of part number<br>- New gear cover assy. with oil spray nozzle, update of part numbers |

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**Chapter) 00-00-00****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 organisations with respective qualifications.

**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.

**Revisions**

This Illustrated Parts Catalog (IPC) will be revised once a year or as required.

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

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## 1) Introduction

### 1.1) Explanation

As obvious from the cover, this Illustrated Parts Catalog covers the current aircraft engines ROTAX® 912 i. Certified and non-certified versions are available.

Besides the engine-specific parts, the most popular accessories are listed too.

#### Certification

The **ROTAX®** engine of the type **912 iSc Sport** has been certified in accordance with EASA CS-E.

The following **ROTAX®** engine is non-certified:

**ROTAX® 912 iS, 912 iS Sport**

### 1.2) Parts order

At a parts order for a certified engine, state details of application e.g. 912 iSc Sport 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<br><b>Austro Control GmbH</b>                                                                                                                                                                                                        |                | 2. AUTHORISED RELEASE CERTIFICATE<br>EASA FORM 1         |                                                                                                                                                                                                                                                                                                                                                                                                   | 3. Form Tracking Number            |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|
| 4. Approved Organisation Name and Address:<br><b>ROTAX</b> BRP-Powertrain GmbH & Co KG<br>A-4623 Günskirchen, Austria<br>Welsersstraße 32                                                                                                                                     |                | 5. Work Order/Contract/Invoice<br>Delivery Note<br>Date  |                                                                                                                                                                                                                                                                                                                                                                                                   |                                    |                 |
| 6. Item                                                                                                                                                                                                                                                                       | 7. Description | 8. Part No.                                              | 9. Qty.                                                                                                                                                                                                                                                                                                                                                                                           | 10. Serial-No.                     | 11. Status/Work |
|                                                                                                                                                                                                                                                                               |                |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                   |                                    |                 |
| 12. Remarks                                                                                                                                                                                                                                                                   |                |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                   |                                    |                 |
| <div>Next overhaul after <input type="text"/> h or <input type="text"/> years of first operation</div> <div>Service Bulletin optional: <input type="text"/> Service Bulletin effect: <input type="text"/></div> <div>Service Bulletin not applic.: <input type="text"/></div> |                |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                   |                                    |                 |
| Displayed for :<br><small>Limited life parts will normally be accompanied by maintenance history including life used</small>                                                                                                                                                  |                |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                   |                                    |                 |
| 13a. Certifies that the items identified above were manufactured in conformity to:<br><input checked="" type="checkbox"/> approved design data and are in condition for safe operation<br><input type="checkbox"/> non-approved design data specified in block 12             |                |                                                          | 14a. <input type="checkbox"/> Part-145.A.50 Release to Service <input type="checkbox"/> Other Regulation specified in block 12<br><small>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</small> |                                    |                 |
| 13b. Authorised Signature<br><small>Electronic Signature on File</small>                                                                                                                                                                                                      |                | 13c. Approval/Authorisation Number<br><b>AT.21G.0006</b> |                                                                                                                                                                                                                                                                                                                                                                                                   | 14b. Authorised Signature          |                 |
| 13d. Name                                                                                                                                                                                                                                                                     |                | 13e. Date (dd mm yyyy)                                   |                                                                                                                                                                                                                                                                                                                                                                                                   | 14c. Certificate/Approval Ref. No. |                 |
|                                                                                                                                                                                                                                                                               |                |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                   | 14d. Name                          |                 |

Form 1 - 21 Issue 2 PRINTED FROM ELECTRONIC FILE

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#### Engine serial number

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

The engine serial number (1) is located on top of the crankcase, behind of the propeller gearbox. See [Fig 1](#).

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### ILLUSTRATED PARTS CATALOG

#### 1.3) Engine view and denomination of the cylinders

|               |                     |
|---------------|---------------------|
| <b>PTO</b>    | power take off side |
| <b>MAG</b>    | magneto side        |
| <b>Cyl. 1</b> | Cylinder 1          |
| <b>Cyl. 2</b> | Cylinder 2          |
| <b>Cyl. 3</b> | Cylinder 3          |
| <b>Cyl. 4</b> | Cylinder 4          |

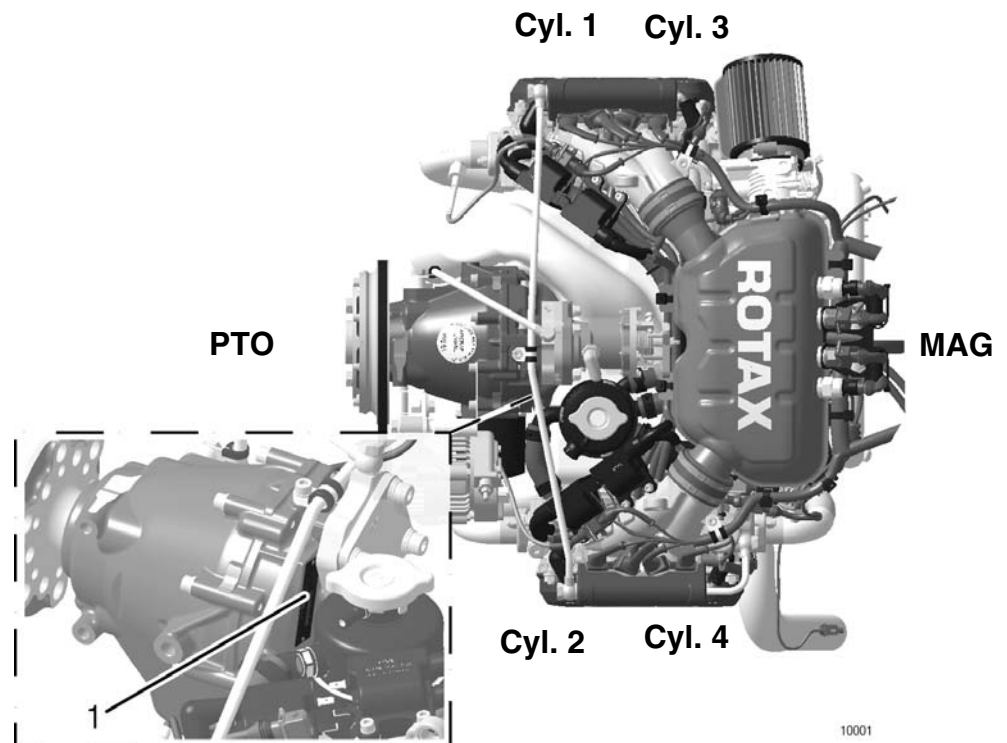


Fig 1

#### 1.4) Repeating symbols

##### Safety notice

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



**Identifies an instruction which, if not followed, may cause serious injury including the possibility of death.**

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## ILLUSTRATED PARTS CATALOG



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

### NOTICE

Denotes an instruction which, if not followed, may severely damage the engine or other component.

### NOTES:

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.)



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

## 1.5) Structure

### Exploded view

Each section starts with an exploded view of the type 912 iSc 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.

### Status

In the column "status" find the following statement:

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

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## ILLUSTRATED PARTS CATALOG

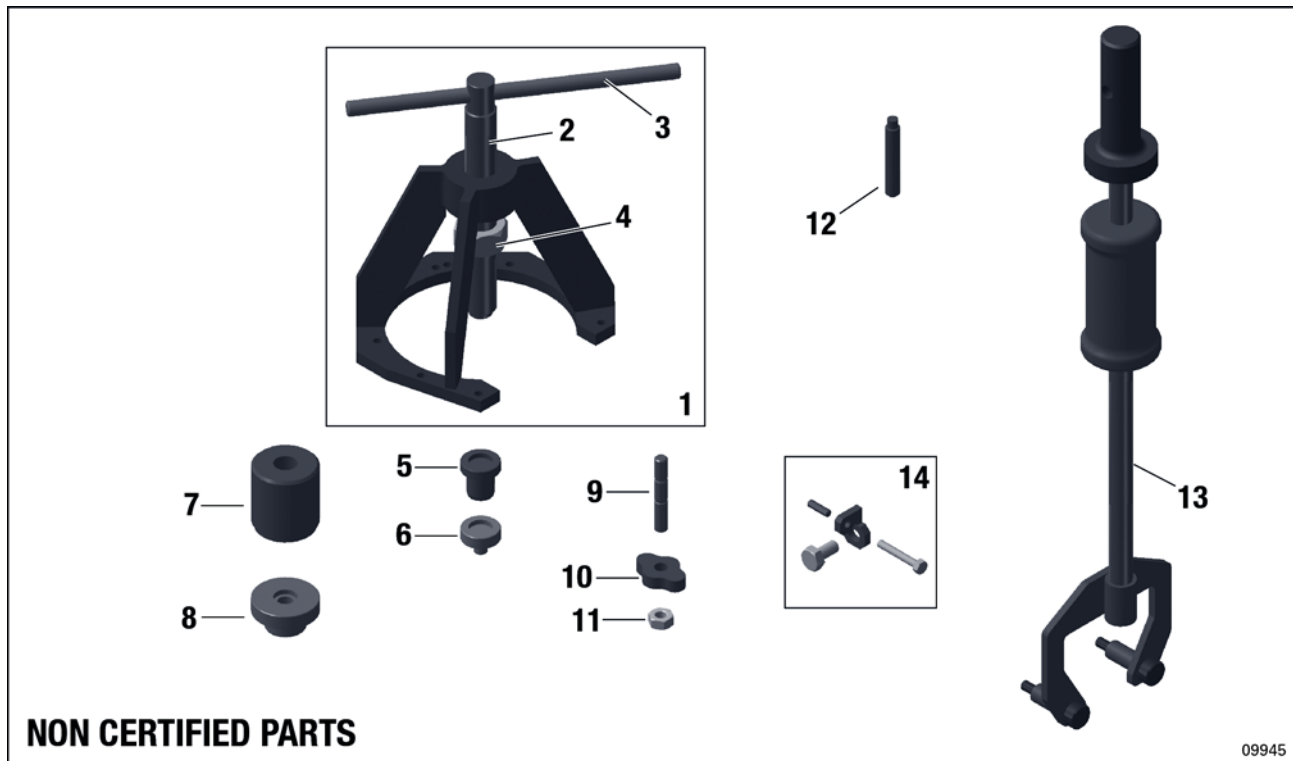
| FIG. &<br>ITEM No. |   | STATUS | PART No. | INDENT | Description       | PARTS PER ENGINE |        |
|--------------------|---|--------|----------|--------|-------------------|------------------|--------|
|                    |   |        |          |        |                   | 912 iSc          | 912 iS |
| 1                  | 1 | N      | 910899   | .1     | FUEL PUMP ASSY    | 1a               | 1      |
|                    | 1 | s.v.   | 910898   | .1     | FUEL PUMP ASSY    | (1)              | 1      |
|                    | 2 | n.a.   | 440042   | .2     | ALLEN SCREW M8x15 | 2                | A.R.   |

Fig 2

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**BRP-Rotax**  
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**REPAIR TOOLS**



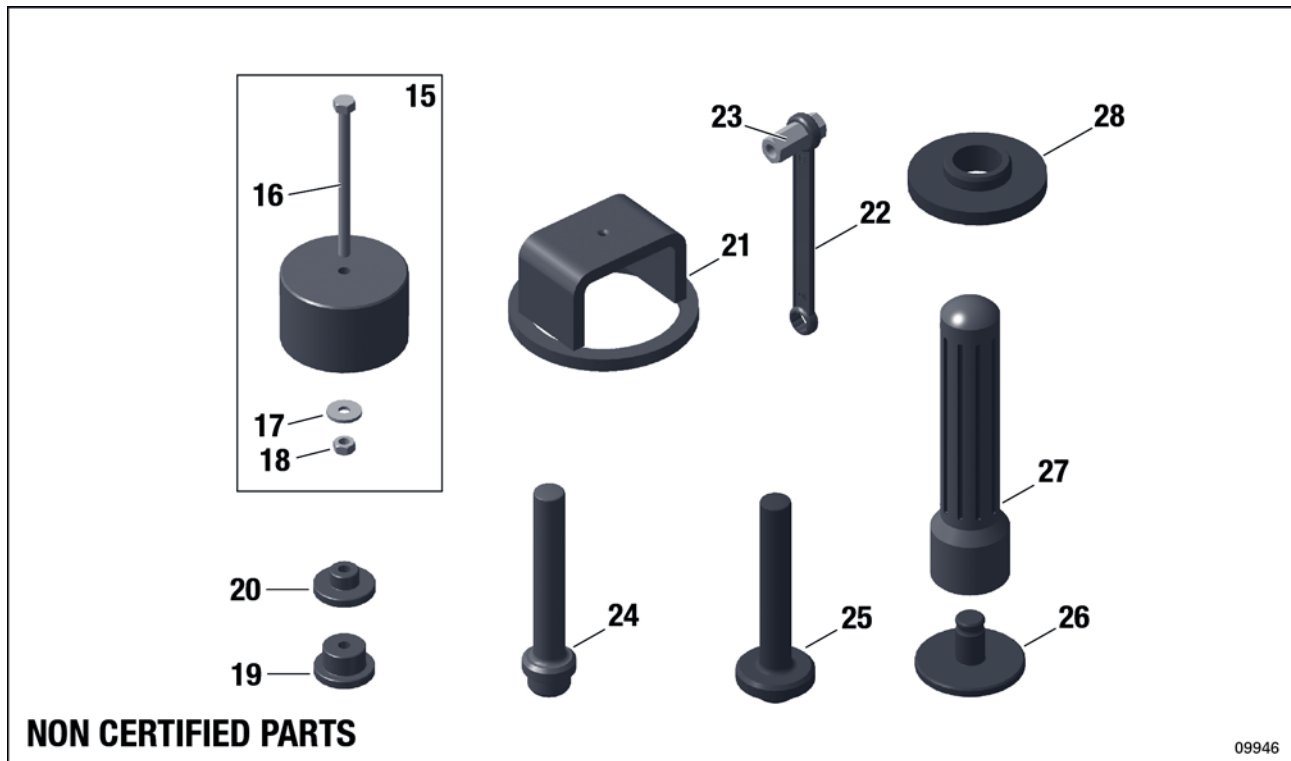
| ITEM NO. | Application                                          | ITEM NO. | Application                                                |
|----------|------------------------------------------------------|----------|------------------------------------------------------------|
| 1-4      | Roller bearing 25x25x15, oil seal 30x52x7            | 9        | Roller bearing 25x52x15, oil seal 30x52x7                  |
| 5        | Prop shaft version 2                                 | 10-11    | Roller bearing 25x52x15, oil seal 30x52x7, oil inlet cover |
| 6        | Prop shaft version 3                                 | 12       | Crankshaft locking screw M8x50                             |
| 7        | Roller bearing 25x52x15, oil seal 30x52x7, version 2 | 13-14    | Gearbox                                                    |
| 8        | Roller bearing 25x52x15, oil inlet flange version 3  |          |                                                            |

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**REPAIR TOOLS**

| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description              | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|--------------------------|------------------|------------------|-----------------|
|                    |        |          |        |                          | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1-4                |        | 877615   | .1     | EXTRACTOR ASSY.          | 1                | 1                | 1               |
| 2                  |        | 877580   | ..2    | PULL -IN SPINDLE M24x1.5 | 1                | 1                | 1               |
| 3                  |        | 276155   | ..2    | BOLT 12X250              | 1                | 1                | 1               |
| 4                  |        | 842585   | ..2    | HEX.SCREW M24X1.5 - 19MM | 1                | 1                | 1               |
| 5                  |        | 877605   | .1     | PRESS-OUT MUSHROOM       | 1                | 1                | 1               |
| 6                  |        | 877600   | .1     | PRESS-OUT MUSHROOM       | 1                | 1                | 1               |
| 7                  |        | 877594   | .1     | PRESS-IN MUSHROOM        | 1                | 1                | 1               |
| 8                  |        | 877590   | .1     | PRESS-IN MUSHROOM        | 1                | 1                | 1               |
| 9                  |        | 941180   | .1     | STUD M10X45/20           | 1                | 1                | 1               |
| 10                 |        | 877561   | .1     | PULL-OUT PLATE           | 1                | 1                | 1               |
| 11                 |        | 242091   | .1     | HEX. NUT M10             | 1                | 1                | 1               |
| 12                 |        | 240880   | .1     | THREAD BOLT M8x50        |                  |                  |                 |
| 13                 |        | 877660   | .1     | PULLER ASSY.             | 1                | 1                | 1               |
| 14                 |        | 877540   | .1     | PUSHING JIG ASSY.        | 1                | 1                | 1               |

- Items not illustrated

**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG  
**REPAIR TOOLS**



| ITEM NO. | Application                                             | ITEM NO. | Application                                     |
|----------|---------------------------------------------------------|----------|-------------------------------------------------|
| 15-18    | Ball bearing 15x32x8, Oil inlet flange, oil inlet cover | 24       | Ball bearing 15x32x8, needle sleeve-vacuum pump |
| 19       | Needle bearing 22x28x12-vacuum pump                     | 25       | Oil seal 22x32x7 vacuum pump                    |
| 20       | Ball bearing 15x32x8-vacuum pump                        | 26       | Oil seal 40x55x7 gear box cover                 |
| 21       | Mounting yoke, gearbox components                       | 27       | Stamp                                           |
| 22       | Ring wrench 10/13                                       | 28       | Ball bearing 35-72-17, propeller shaft          |
| 23       | Fixture for vacuum pump drive                           |          |                                                 |

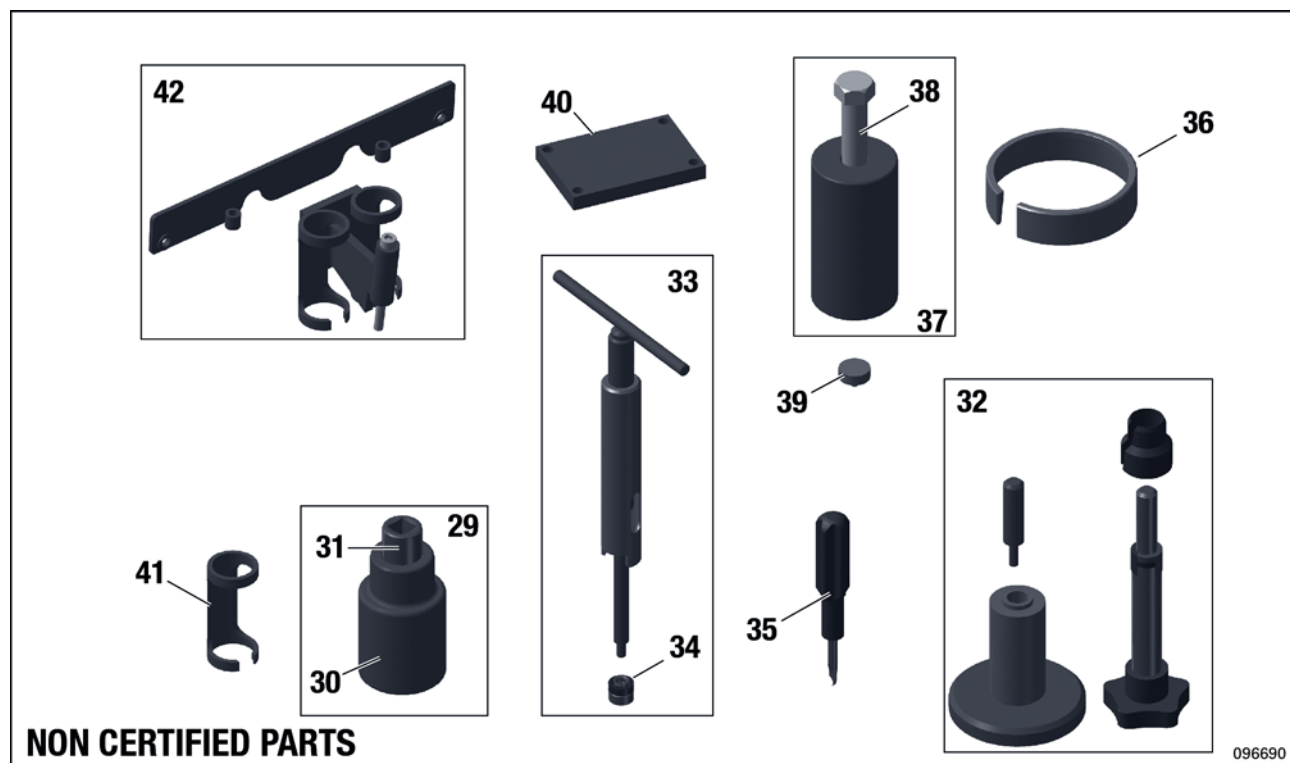
**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG  
**REPAIR TOOLS**

| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description              | Parts per Engine |               |              |
|-----------------|--------|----------|--------|--------------------------|------------------|---------------|--------------|
|                 |        |          |        |                          | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 15-18           |        | 876489   | .1     | PULLER ASSY.             | 1                | 1             | 1            |
| 16              |        | 941730   | ..2    | HEX.SCREW M6X80          | 1                | 1             | 1            |
| 17              |        | 827305   | ..2    | WASHER 6.2/18/2          | 1                | 1             | 1            |
| 18              |        | 242211   | ..2    | HEX.NUT M6               | 1                | 1             | 1            |
| 19              |        | 877597   | .1     | PRESS-IN MUSHROOM        | 1                | 1             | 1            |
| 20              |        | 877595   | .1     | PRESS-IN MUSHROOM        | 1                | 1             | 1            |
| 21              |        | 876885   | .1     | MOUNTING YOKE            | 1                | 1             | 1            |
| 22              |        | 876470   | .1     | RING SPANNER 10/13       | 1                | 1             | 1            |
| 23              |        | 242661   | .1     | DISTANCE NUT M8X33       | 1                | 1             | 1            |
| 24              |        | 276332   | .1     | INSERTION JIG ASSY.      | 1                | 1             | 1            |
| 25              |        | 877276   | .1     | INSERTION JIG ASSY.      | 1                | 1             | 1            |
| 26              |        | 876518   | .1     | INSERTION JIG            | 1                | 1             | 1            |
| 27              |        | 877650   | .1     | HANDLE FOR INSERTION JIG | 1                | 1             | 1            |
| 28              |        | 877320   | .1     | PRESS-IN RING            | 1                | 1             | 1            |

- Items not illustrated

**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG

**REPAIR TOOLS**



09690

| ITEM NO. | Application                       | ITEM NO. | Application                          |
|----------|-----------------------------------|----------|--------------------------------------|
| 29-31    | Drive gear, gearbox, gear set     | 37-38    | Puller Magneto hub                   |
| 32       | Fitting of piston pin circlips    | 39       | Crankshaft magneto side              |
| 33-34    | Fitting and removal of piston pin | 40       | To align cylinders                   |
| 35       | Mono hook clips puller            | 41-42    | Installation/Removal of valve spring |
| 36       | Piston diameter 84 mm/33 in.      |          |                                      |

**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG  
**REPAIR TOOLS**

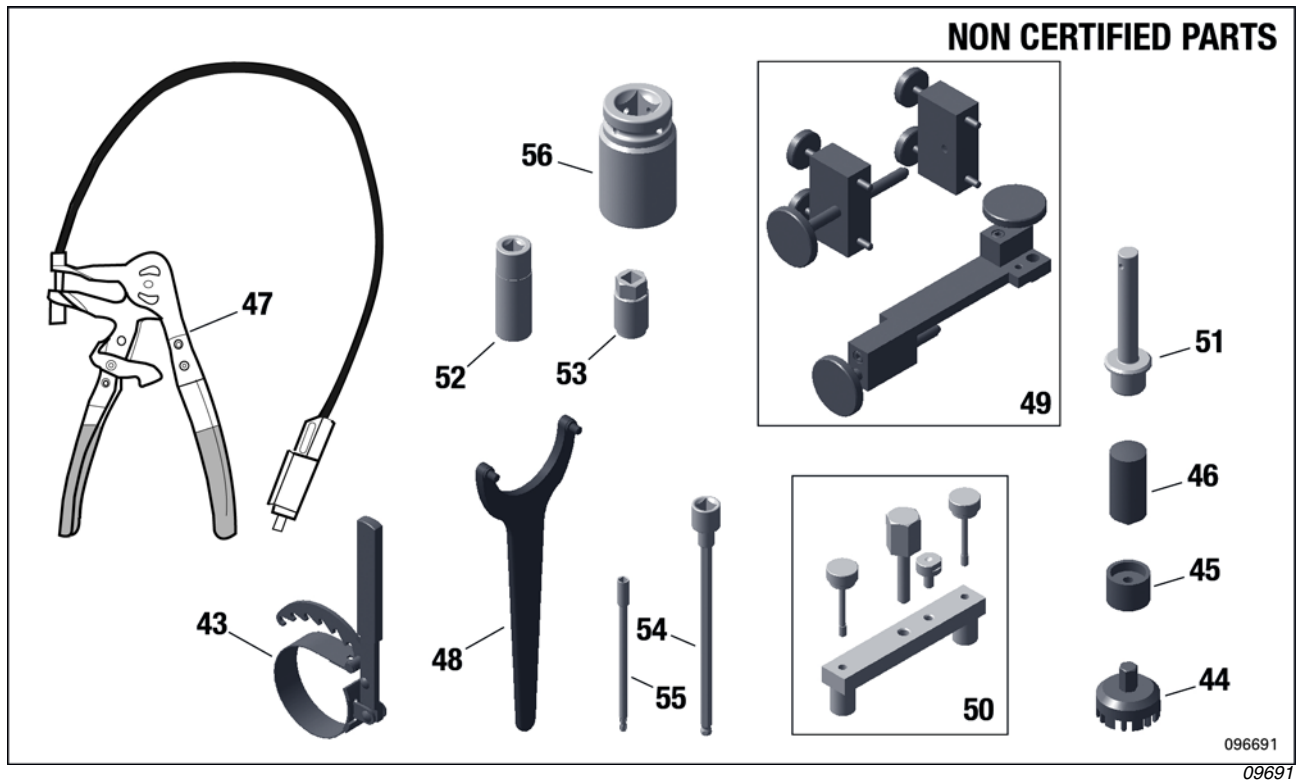
| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                    | Parts per Engine |               |              |
|-----------------|--------|----------|--------|--------------------------------|------------------|---------------|--------------|
|                 |        |          |        |                                | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 29              |        | 877445   | .1     | SOCKET WRENCH ASSY. 41X12.5    | 1                | 1             | 1            |
| 30              |        | 877440   | .1     | SOCKET WRENCH A/F 41X20        | 1                | 1             | 1            |
| 31              |        | 877460   | .1     | REDUCING SOCKET 3/4"-1/2"      | 1                | 1             | 1            |
| 32              |        | 877802   | .1     | CIRCLIP INSTALLATION TOOL      | 1                | 1             | 1            |
| 33-34           |        | 877091   | .1     | PISTON PIN EXTRACTOR ASSY.     | 1                | 1             | 1            |
| 34              |        | 877155   | ..2    | EXTRACTING NUT ASSY.           | 1                | 1             | 1            |
| 35              |        | 976380   | .1     | MONOHOOK CIRCLIP REMOVER       | 1                | 1             | 1            |
| 36              |        | 876967   | .1     | PISTON RING SPANNER 84 MM      | 1                | 1             | 1            |
| 37-38           |        | 877375   | .1     | PULLER ASSY.                   | 1                | 1             | 1            |
| 38              |        | 940755   | ..2    | HEX. SCREW M16X1.5X150         | 1                | 1             | 1            |
| 39              |        | 876557   | .1     | PROTECTION MUSHROOM            | 1                | 1             | 1            |
| 40              |        | 877263   | .1     | CYLINDER ALIGNING TOOL         | 1                | 1             | 1            |
| 41              |        | 877380   | .1     | VALVE SPRING MOUNTING DEVICE   | 1                | 1             | 1            |
| 42              |        | 877387   | .1     | VALVE SPRING LOADING JIG ASSY. | 1                | 1             | 1            |

- Items not illustrated

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ILLUSTRATED PARTS CATALOG

**REPAIR TOOLS**



| ITEM NO. | Application                       | ITEM NO. | Application                       |
|----------|-----------------------------------|----------|-----------------------------------|
| 43       | Oil filter removal                | 50       | Ignition housing                  |
| 44       | Waterpump impeller                | 51       | Oil Seal 28x38x7 Ignition housing |
| 45       | Rotary seal ignition housing      | 52       | Pressure sensor Oil and Airbox    |
| 46       | Oil Seal 12x30x7 water pump shaft | 53       | Temperature sensor Oil and Water  |
| 47       | Spring type hose clip 28          | 54       | Engine mount                      |
| 48       | Overload clutch                   | 55       | Intake manifold                   |
| 49       | Crankcase                         | 56       | Nut for sprag clutch housing      |

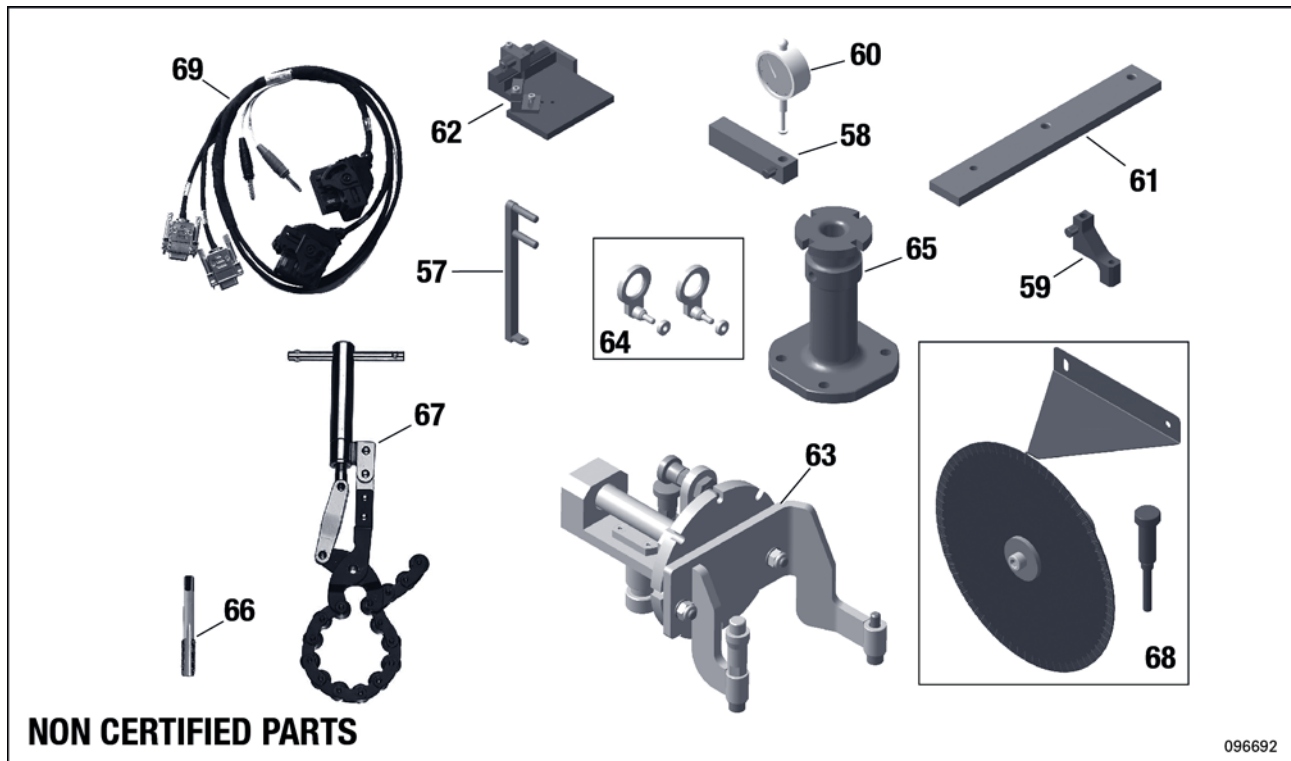
**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG  
**REPAIR TOOLS**

| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                     | Parts per Engine |               |              |
|-----------------|--------|----------|--------|---------------------------------|------------------|---------------|--------------|
|                 |        |          |        |                                 | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 43              |        | 877620   | .1     | OIL FILTER WRENCH               | 1                | 1             | 1            |
| 44              |        | 877295   | .1     | IMPELLER WRENCH ASSY.           | 1                | 1             | 1            |
| 45              |        | 877258   | .1     | PRESS ON DEVICE ASSY.           | 1                | 1             | 1            |
| 46              |        | 876510   | .1     | INSERTION JIG                   | 1                | 1             | 1            |
| 47              |        | 877840   | .1     | SPRING CLAMP PLIERS             | 1                | 1             | 1            |
| 48              |        | 877390   | .1     | NUT SPANNER A90                 | 1                | 1             | 1            |
| 49              |        | 877766   | .1     | CRAKE CASE SPLITHING TOOL ASSY. | 1                | 1             | 1            |
| 50              |        | 876010   | .1     | PULLER ASSY.                    | 1                | 1             | 1            |
| 51              |        | 876020   | .1     | INSERTION JIG                   | 1                | 1             | 1            |
| 52              |        | 876075   | .1     | SOCKET WRENCH 21x12.5           | 1                | 1             | 1            |
| 53              |        | 876130   | .1     | SOCKET WRENCH 19x12.5           | 1                | 1             | 1            |
| 54              |        | 876240   | .1     | SOCKET DRIVER HEX. 8 BALL HEAD  | 1                | 1             | 1            |
| 55              |        | 876180   | .1     | SOCKET DRIVER T30 BALL HEAD     | 1                | 1             | 1            |
| 56              |        | 876070   | .1     | SOCKET WRENCH 38x20             | 1                | 1             | 1            |

- Items not illustrated

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ILLUSTRATED PARTS CATALOG  
**REPAIR TOOLS**



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| ITEM NO. | Application                               | ITEM NO. | Application               |
|----------|-------------------------------------------|----------|---------------------------|
| 57       | Crankcase                                 | 64       | Engine removal            |
| 58       | Checking plain bearing projection         | 65       | Trestle support           |
| 59-60    | Dial gauge                                | 66       | Thread bent socket        |
| 61       | Checking plain bearing position           | 67       | Oil filter                |
| 62       | Dial gauge adapter for valve seat inspect | 68       | Twist of crankshaft       |
| 63       | Crankcase                                 | 69       | ECU (Engine Control Unit) |

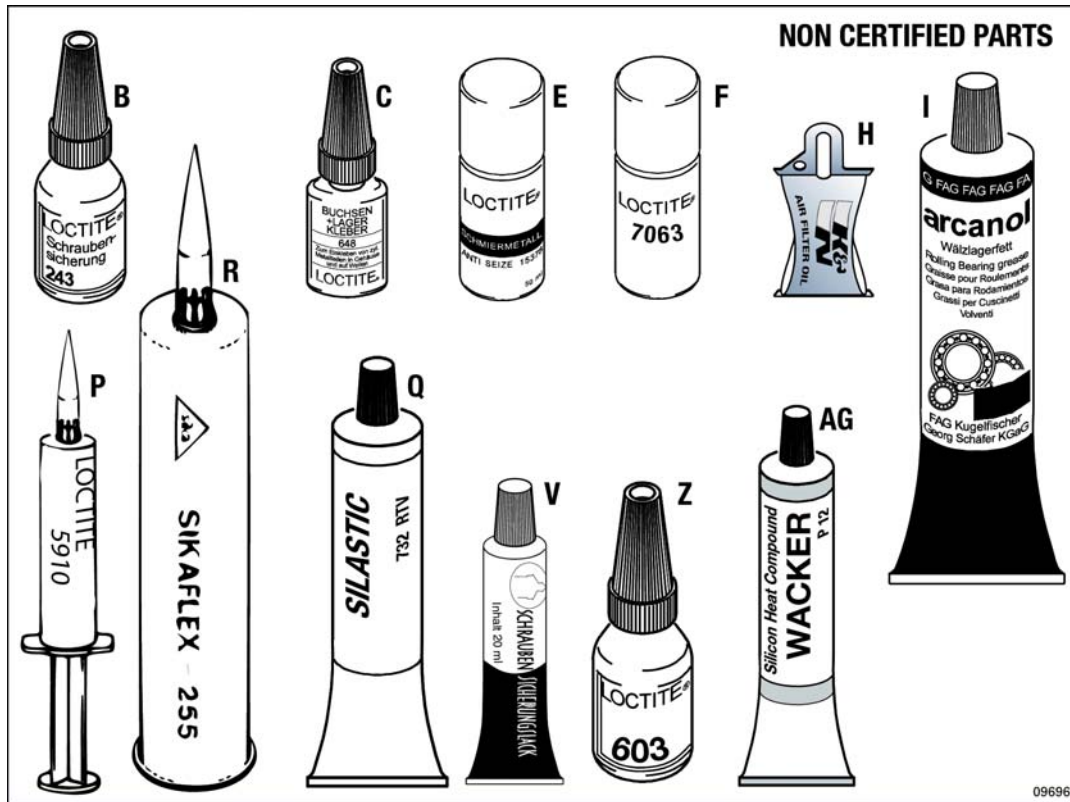
**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG  
**REPAIR TOOLS**

| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                            | Parts per Engine |               |              |
|-----------------|--------|----------|--------|----------------------------------------|------------------|---------------|--------------|
|                 |        |          |        |                                        | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 57              |        | 877690   | .1     | CHECK LEVER                            | 1                | 1             | 1            |
| 58              |        | 877316   | .1     | GRADUATED STRAIGHTEDGE ASSY.           | 1                | 1             | 1            |
| 59              |        | 877710   | .1     | DIAL GAUGE ADAPTER ASSY                | 1                | 1             | 1            |
| 60              |        | 876950   | .1     | PRECISION DIAL GAUGE                   | 1                | 1             | 1            |
| 61              |        | 877300   | .1     | ALIGNING PLATE                         | 1                | 1             | 1            |
| 62              |        | 976140   | .1     | DIAL GAUGE ADAPTER ASSY.               | 1                | 1             | 1            |
| 63              |        | 876050   | .1     | TRESTLE ADAPTER ASSY.                  | 1                | 1             | 1            |
| 64              |        | 876040   | .1     | ENGINE LIFT SET ASSY.                  | 1                | 1             | 1            |
| 65              |        | 877930   | .1     | TRESTLE SUPPORT                        | 1                | 1             | 1            |
| 66              |        | 877570   | .1     | TAPPING DRILL M18X1                    | 1                | 1             | 1            |
| 67              |        | 877670   | .1     | CUTTING TOOL                           | 1                | 1             | 1            |
| 68              |        | 877520   | .1     | PROTRACTOR CRANKSHAFT DISTORTION INSP. | 1                | 1             | 1            |
| 69              |        | 864280   | .1     | SERVICE WIRING HARNESS ASSY.           | 1                | 1             | 1            |

- Items not illustrated

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**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG  
**LUBRICANT TOOLS**



| ITEM NO. | Application                         | ITEM NO. | Application                                       |
|----------|-------------------------------------|----------|---------------------------------------------------|
| B        | Medium strenght bond 10 cc.         | P        | Regular body/high adhesion flexible flang sealant |
| C        | High strenght bond 5 ml.            | R        | For vibration damping; 310 cc.                    |
| E        | To prevent metal galling 50cc.      | V        | For marking                                       |
| F        | Cleaner                             | Z        | High strenght bond 10 ml.                         |
| H        | Blister 14.8 ml.                    | AG       | For better heat transfer from the spark plugs     |
| I        | To prevent leakage current; 250 gr. |          |                                                   |

**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG  
**LUBRICANT TOOLS**

| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                                         | Parts per Engine |               |              |
|-----------------|--------|----------|--------|-----------------------------------------------------|------------------|---------------|--------------|
|                 |        |          |        |                                                     | 912 iS           | 912 iSc Sport | 912 iS Sport |
| B               |        | 897651   | .1     | LOCTITE 243 BLUE, 10 CC.                            | AR               | AR            | AR           |
| C               |        | 899788   | .1     | LOCTITE 648 GREEN, 5 GR.                            | AR               | AR            | AR           |
| E               |        | 297434   | .1     | LOCTITE ANTI SEIZE 8151 50 ML.                      | AR               | AR            | AR           |
| F               |        | xxx      | .1     | LOCTITE 7063                                        | AR               | AR            | AR           |
| H               |        | 897870   | .1     | K&N FILTER OIL 99-11312                             | AR               | AR            | AR           |
| I               |        | 897330   | .1     | LITHIUM-BASE GREASE, 250 GR.,                       | AR               | AR            | AR           |
| O               |        | xxx      | .1     | ENGINE OIL                                          | AR               | AR            | AR           |
| P               |        | 899791   | .1     | LOCTITE 5910, 50 ML                                 | AR               | AR            | AR           |
| R               |        | 297711   | .1     | PU-GLUE AS REQ, SIKALFEX255                         | AR               | AR            | AR           |
| V               |        | 898570   | .1     | LOCKING PAINT                                       | AR               | AR            | AR           |
| Z               |        | 899789   | .1     | LOCTITE 603 GREEN, 10 CC.                           | AR               | AR            | AR           |
| AG              |        | 897186   | .1     | SILICONE HEAT COMPOUND AS REQ<br>WACKER P12, 150GR. | AR               | AR            | AR           |

- Items not illustrated

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ILLUSTRATED PARTS CATALOG  
**GASKET SET, DOCUMENTATIONS**



1



2



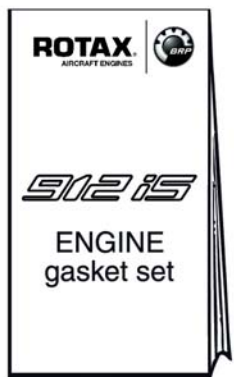
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7



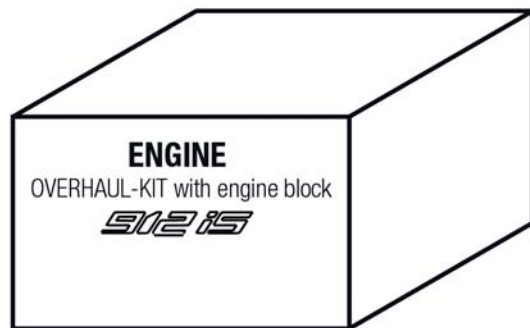
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6



10



9

**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG  
**GASKET SET, DOCUMENTATION**

| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                        | Parts per Engine |               |              |
|-----------------|--------|----------|--------|------------------------------------|------------------|---------------|--------------|
|                 |        |          |        |                                    | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 1               | n.a.   | 898740   | .1     | OPERATORS MANUAL                   | 1                | 1             | 1            |
| 2               | n.a.   | 898647   | .1     | INSTALLATION MANUAL                | 1                | 1             | 1            |
| 3               |        | 899476   | .1     | ILLUSTRATED PARTS CATALOG          | 1                | 1             | 1            |
| 4               | n.a.   | 898742   | .1     | MAINTENANCE MANUAL LINE            | 1                | 1             | 1            |
| 5               | n.a.   | 898751   | .1     | MAINTENANCE MANUAL HEAVY           | 1                | 1             | 1            |
| 6               |        | 580683   | .1     | ROTAX STICKER KIT AIRCRAFT         | 1                | 1             | 1            |
| 7               |        | 686240   | .1     | GASKET SET                         | 1                | 1             | 1            |
| 8               |        | 893850   | .1     | OVERHAUL-KIT                       | 1                | 1             | 1            |
| 9               |        | 893246   | .1     | OVERHAUL-KIT WITH ENGINE BLOCK     | 1                | 1             | 1            |
| 10              |        | xxx      | .1     | ENGINE BLOCK<br>See chap. 72-20-00 | 1                | 1             | 1            |

- Items not illustrated

**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG

NOTES

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**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG

NOTES

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## ILLUSTRATED PARTS CATALOG

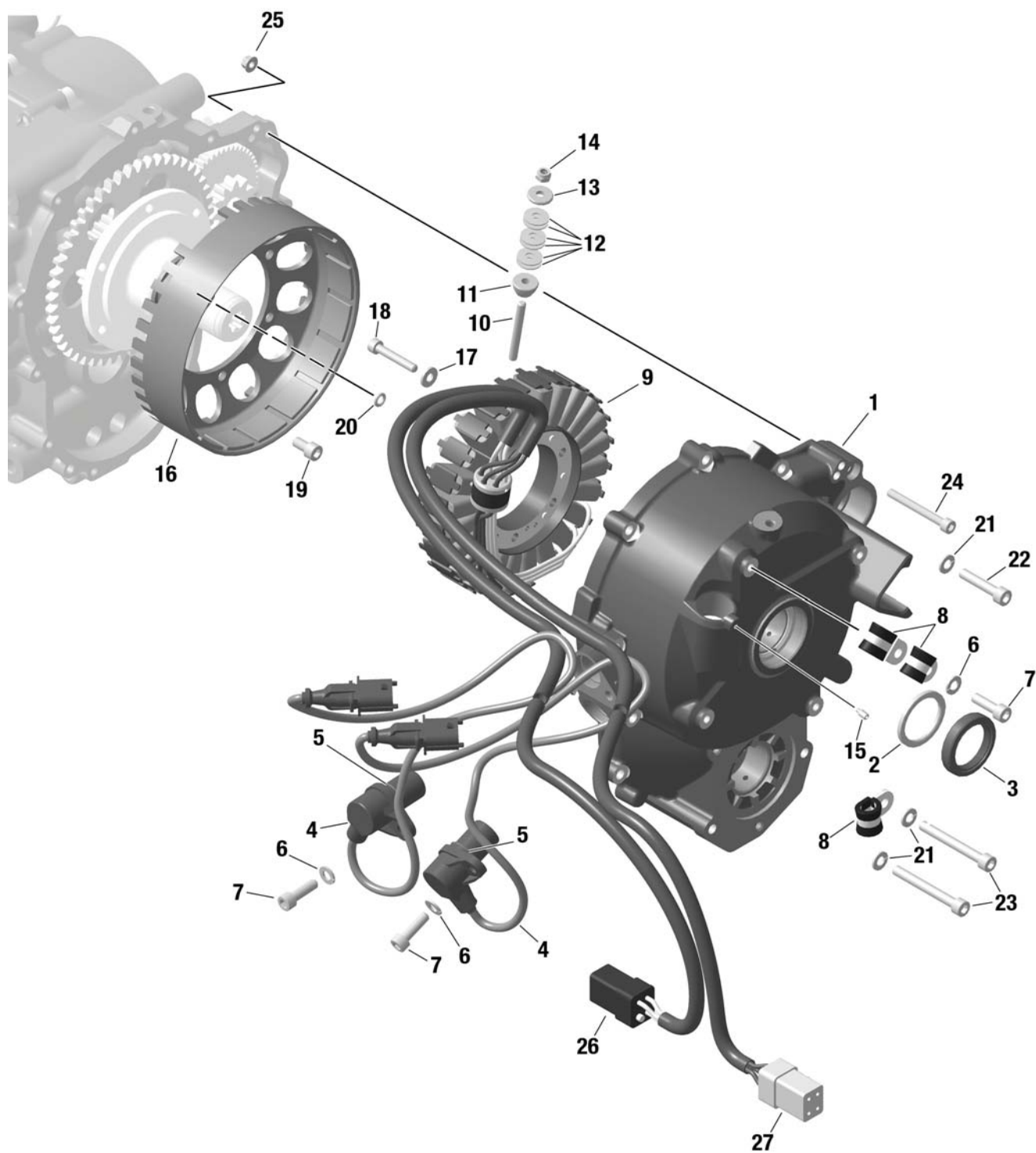


Fig. 24-20-00-1

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# BRP-Rotax

## ILLUSTRATED PARTS CATALOG

### Chapter) 24-20-00

#### IGNITION HOUSING, STATOR, RECTIFIER REGULATOR, CRANKSHAFT POSITION SENSOR ASSY.

| FIG &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                      | Parts per Engine |                  |                 |
|-------------------|--------|----------|--------|----------------------------------|------------------|------------------|-----------------|
|                   |        |          |        |                                  | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1                 |        | 611594   | .1     | IGNITION HOUSING ASSY.           | 1                | 1                | 1               |
| 2                 |        | 827220   | .1     | WASHER 32/38/1.5                 | 1                | 1                | 1               |
| 3                 |        | 230427   | .1     | OIL SEAL GPRE 28x38x7 FKM        | 1                | 1                | 1               |
| 4-5               |        | 966572   | .1     | CRANKSHAFT POSITION SENSOR       | 2                | 2                | 2               |
| 5                 |        | 431580   | ..2    | O-RING 17.17x1.78 FPM 70         | 2                | 2                | 2               |
| 6                 |        | 945751   | .1     | LOCK WASHER A6                   | 3                | 3                | 3               |
| 7                 |        | 241930   | .1     | ALLEN SCREW M6x20                | 2                | 2                | 2               |
| 8                 |        | 853412   | .1     | CABLE CLAMP                      | 3                | 3                | 3               |
| 9                 |        | 685062   | .1     | STATOR ASSY.                     | 1                | 1                | 1               |
| 10                |        | 840792   | .1     | STUD M5x44                       | 1                | 1                | 1               |
| 11                |        | 947510   | .1     | DISTANCE SLEEVE                  | 1                | 1                | 1               |
| 12                |        | 938080   | .1     | DISK SPRING 15x5.2x0.7           | 6                | 6                | 6               |
| 13                |        | 827240   | .1     | WASHER 5.1/15.5/2.5              | 1                | 1                | 1               |
| 14                |        | 842033   | .1     | LOCK NUT M5                      | 1                | 1                | 1               |
| 15                |        | 840820   | .1     | ADJUSTMENT SCREW M4x8            | 1                | 1                | 1               |
| 16                |        | 685070   | .1     | MAGNETO FLYWHEEL ASSY.           | 1                | 1                | 1               |
| 17                |        | 827800   | .1     | WASHER A 5.5                     | 6                | 6                | 6               |
| 18                |        | 940881   | .1     | ALLEN SCREW M5x30                | 6                | 6                | 6               |
| 19                |        | 840036   | .1     | ALLEN SCREW M6x12                | 6                | 6                | 6               |
| 20                |        | 831929   | .1     | O-RING 5x2<br>See chap. 72-20-00 | 1                | 1                | 1               |
| 21                |        | 827961   | .1     | WASHER 6.4                       | 7                | 7                | 7               |
| 22                |        | 840880   | .1     | ALLEN SCREW M6x30                | 5                | 5                | 5               |
| 23                |        | 241761   | .1     | ALLEN SCREW M6x50                | 2                | 2                | 2               |

- Items not illustrated

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**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG

| FIG &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                               | Parts per Engine |                  |                 |
|-------------------|--------|----------|--------|-------------------------------------------|------------------|------------------|-----------------|
|                   |        |          |        |                                           | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 24                |        | 941791   | .1     | ALLEN SCREW M5x45                         | 2                | 2                | 2               |
| 25                |        | 942311   | .1     | HEX. NUT M5                               | 2                | 2                | 2               |
| 26                |        | xxx      | .1     | CONNECTOR SET GREY<br>See chap. 76-10-00  | 1                | 1                | 1               |
| 27                |        | xxx      | .1     | CONNECTOR SET BLACK<br>See chap. 76-10-00 | 1                | 1                | 1               |

- Items not illustrated

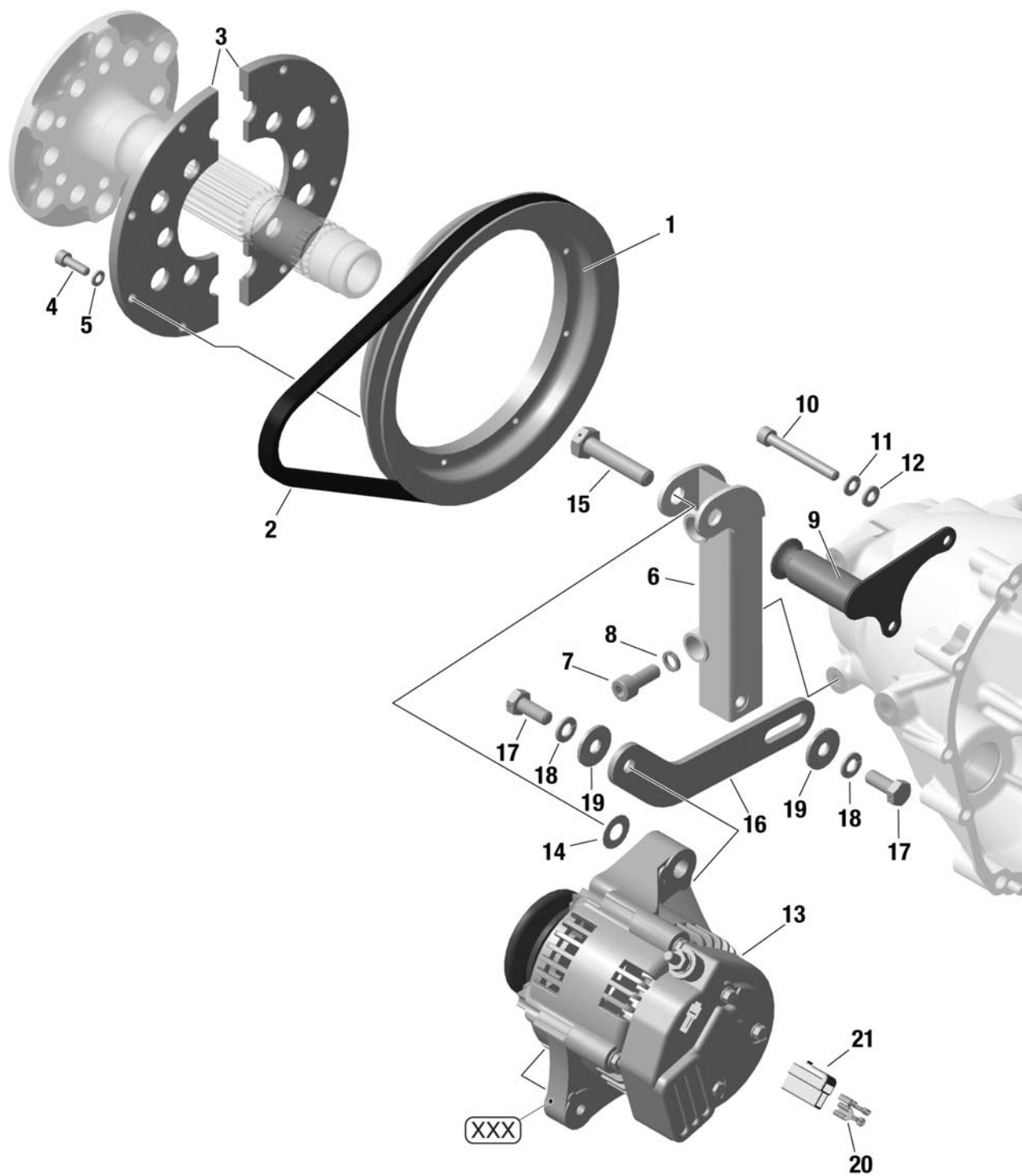
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ILLUSTRATED PARTS CATALOG

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ILLUSTRATED PARTS CATALOG



**Fig. 24-30-00-1**

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# BRP-Rotax

## ILLUSTRATED PARTS CATALOG

### Chapter) 24-30-00

#### EXTERNAL GENERATOR F3A (ALL PARTS OPTIONAL)

|                   |        |          |        |                           | Parts per Engine |                  |                 |
|-------------------|--------|----------|--------|---------------------------|------------------|------------------|-----------------|
| FIG &<br>ITEM NO. | STATUS | PART NO. | INDENT | DESCRIPTION               | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1-21            |        | 887254   | .1     | ALTERNATORSET             | 1                | 1                | 1               |
| 1                 |        | 980590   | ..2    | V-BELT PULLEY             | 1                | 1                | 1               |
| 2                 |        | 980400   | ..2    | V-BELT 9,5X675            | 1                | 1                | 1               |
| 3                 |        | 980605   | ..2    | PULLEY CARRIER            | 2                | 2                | 2               |
| 4                 |        | 840511   | ..2    | ALLEN SCREW M5X16         | 8                | 8                | 8               |
| 5                 |        | 945750   | ..2    | LOCK WASHER A5            | 8                | 8                | 8               |
| 6                 |        | 953222   | ..2    | ALTERNATOR BRACKET ASSY.  | 1                | 1                | 1               |
| 7                 |        | 240071   | ..2    | ALLEN SCREW M8X20         | 2                | 2                | 2               |
| 8                 |        | 845310   | ..2    | LOCK WASHER VHZ 8         | 2                | 2                | 2               |
| 9                 |        | 953232   | ..2    | ALTERNATOR SUPPORT ASSY.  | 1                | 1                | 1               |
| 10                |        | 241761   | ..2    | ALLEN SCREW M6X50         | 2                | 2                | 2               |
| 11                |        | 945751   | ..2    | LOCK WASHER A6            | 2                | 2                | 2               |
| 12                |        | 827961   | ..2    | WASHER 6.4                | 2                | 2                | 2               |
| 13                |        | 887251   | ..2    | ALTERNATOR F3A            | 1                | 1                | 1               |
| 14                |        | 927952   | ..2    | THRUST WASHER 10.1/20/0.5 | 1                | 1                | 1               |
| 15                |        | 941636   | ..2    | HEX. SCREW M10X45         | 1                | 1                | 1               |
| 16                |        | 953241   | ..2    | TENSION BAR               | 1                | 1                | 1               |
| 17                |        | 940596   | ..2    | HEX. SCREW M8X2           | 2                | 2                | 2               |
| 18                |        | 945752   | ..2    | LOCK WASHER A8            | 2                | 2                | 2               |
| 19                |        | 227935   | ..2    | WASHER 8.4                | 2                | 2                | 2               |
| 20                |        | 864011   | ..2    | FASTON CONNECTOR 6.3X0.8  | 2                | 2                | 2               |
| 21                |        | 265255   | ..2    | CONNECTOR HOUSING 2-POLE  | 1                | 1                | 1               |

- Items not illustrated

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ILLUSTRATED PARTS CATALOG

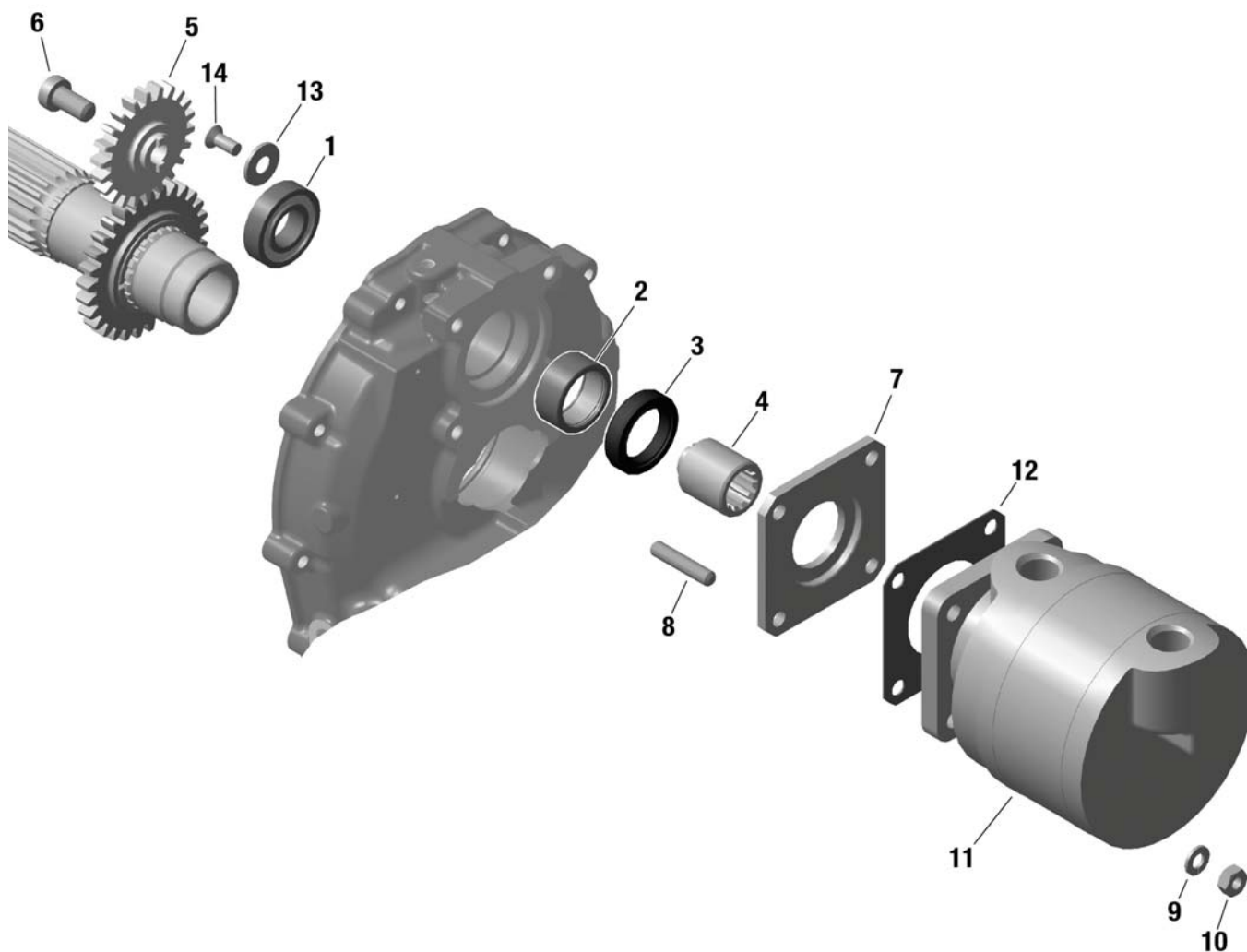
NOTES

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ILLUSTRATED PARTS CATALOG

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**Fig. 37-10-00-1**

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# BRP-Rotax

## ILLUSTRATED PARTS CATALOG

### Chapter) 37-10-00

#### VACUUM PUMP WITH DRIVE (ALL PARTS OPTIONAL)

|                   |        |          |        |                                               | Parts per Engine |                  |                 |
|-------------------|--------|----------|--------|-----------------------------------------------|------------------|------------------|-----------------|
| FIG &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                                   | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1-10            |        | 881690   | .1     | VACUUM PUMP DRIVE RETROFIT KIT                | AR               | AR               | AR              |
| 1                 |        | 832362   | ..2    | BALL BEARING 16002 15-32-8                    | 1                | 1                | 1               |
| 2                 |        | 232925   | ..2    | NEEDLE SLEEVE 22x28x12                        | 1                | 1                | 1               |
| 3                 |        | 831265   | ..2    | OIL SEAL AS 22x32x7                           | 1                | 1                | 1               |
| 4                 |        | 847771   | ..2    | DRIVE SLEEVE                                  | 1                | 1                |                 |
| 5                 |        | 834245   | ..2    | VACUUM PUMP GEAR 22T                          | 1                | 1                | 1               |
| 6                 |        | 941527   | ..2    | ALLEN SCREW M8x14                             | 1                | 1                | 1               |
| 7                 |        | 810170   | ..2    | ATTACHMENT FLANGE                             | 1                | 1                | 1               |
| 8                 |        | 941080   | ..2    | STUD M6X20/10                                 | 4                | 4                | 4               |
| 9                 |        | 945751   | ..2    | LOCK WASHER A6                                | 4                | 4                | 4               |
| 10                |        | 242211   | ..2    | HEX.NUT M6                                    | 4                | 4                | 4               |
| 11                | n.a.   |          | .1     | VACUUM PUMP                                   | 1                | 1                | 1               |
| 12                | n.a.   |          | .1     | GASKET                                        | 1                | 1                | 1               |
| 13                |        | xxx      | .1     | THRUST WASHER<br>See chap. 72-20-00           | 1                | 1                | 1               |
| 14                |        | xxx      | .1     | COUNTERSUNK SCREW M5X12<br>See chap. 72-20-00 | 1                | 1                | 1               |

- Items not illustrated

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ILLUSTRATED PARTS CATALOG

NOTES

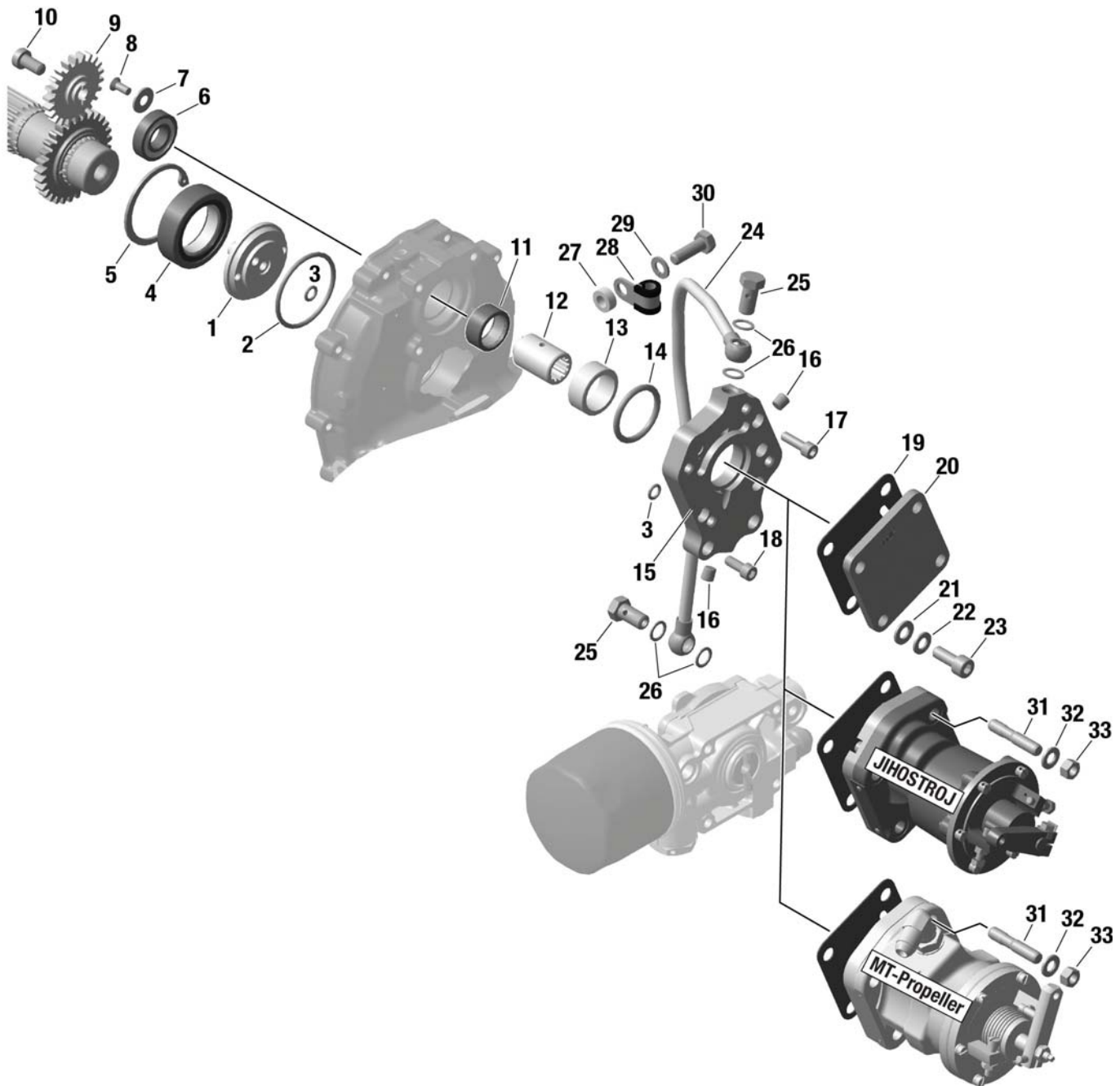
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**Fig. 61-20-00-1**

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## ILLUSTRATED PARTS CATALOG

### Chapter) 61-20-00

#### HYDR. GOVERNOR ARRANGEMENT FOR CONSTANT SPEED PROPELLER (OPTIONAL)

|                   |        |          |        |                                                        | Parts per Engine |                  |                 |
|-------------------|--------|----------|--------|--------------------------------------------------------|------------------|------------------|-----------------|
| FIG &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                                            | 912 IS           | 912 iSc<br>Sport | 912 IS<br>Sport |
| 1 1               |        | xxx      | .1     | OIL INLET FLANGE<br>See chap. 72-10-00                 | 1                | 1                | 1               |
| 2                 |        | xxx      | .1     | O-RING 46x3-N<br>See chap. 72-10-00                    | 1                | 1                | 1               |
| 3                 |        | 830415   | .1     | O-RING 7x2-N                                           | 2                | 2                | 2               |
| 4                 |        | xxx      | .1     | ROLLER BEARING 205 E C3 25-52-15<br>See chap. 72-10-00 | 1                | 1                | 1               |
| 5                 |        | xxx      | .1     | RETAINING RING 52x2<br>See chap. 72-10-00              | 1                | 1                | 1               |
| 6                 |        | 832362   | .1     | BALL BEARING 16002. 15-32-8                            | 1                | 1                | 1               |
| 7                 |        | xxx      | .1     | THRUST WASHER<br>See chap. 72-20-00                    | 1                | 1                | 1               |
| 8                 |        | xxx      | .1     | COUNTERSUNK SCREW M5x12<br>See chap. 72-20-00          | 1                | 1                | 1               |
| 9                 |        | 834245   | .1     | VACUUM PUMP GEAR 22 T                                  | 1                | 1                | 1               |
| 10                |        | 941521   | .1     | ALLEN SCREW M8x16                                      | 1                | 1                | 1               |
| 11                |        | 232925   | .1     | NEEDLE SLEEVE 22x28x12                                 | 1                | 1                | 1               |
| 12                |        | 847773   | .1     | DRIVE SLEEVE                                           | 1                | 1                | 1               |
| 13                |        | 847802   | .1     | SPACER 25/31.95/13                                     | 1                | 1                | 1               |
| 14                |        | 950380   | .1     | O-RING 32x4-N FPM 75                                   | 1                | 1                | 1               |
| 15                |        | 810293   | .1     | GOVERNOR FLANGE                                        | 1                | 1                | 1               |
| 16                |        | 941611   | .1     | PLUG SCREW M8x1                                        | 2                | 2                | 2               |
| 17                |        | 241930   | .1     | ALLEN SCREW M6x20                                      | 4                | 4                | 4               |
| 18                |        | 241236   | .1     | ALLEN SCREW M6x16                                      | 2                | 2                | 2               |
| 19                |        | 931770   | .1     | GASKET                                                 | 1                | 1                | 1               |
| 20                |        | 926231   | .1     | COVER                                                  | 1                | 1                | 1               |

- Items not illustrated

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| FIG &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description              | Parts per Engine |                  |                 |
|-------------------|--------|----------|--------|--------------------------|------------------|------------------|-----------------|
|                   |        |          |        |                          | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 21                |        | 250311   | .1     | WASHER 8.4               | 4                | 4                | 4               |
| 22                |        | 945752   | .1     | LOCKWASHER A8            | 4                | 4                | 4               |
| 23                |        | 240071   | .1     | ALLEN SCREW M8x20        | 4                | 4                | 4               |
| 24                |        | 956460   | .1     | PRESSURE OIL LINE ASSY.  | 1                | 1                | 1               |
| 25                |        | 940876   | .1     | BANJO BOLT M10x1x19      | 2                | 2                | 2               |
| 26                |        | 230150   | .1     | SEALING RING A 10x14     | 4                | 4                | 4               |
| 27                |        | 847224   | .1     | DISTANCE SLEEVE 8.4/15/6 | 1                | 1                | 1               |
| 28                |        | 853418   | .1     | CABLE CLAMP              | 1                | 1                | 1               |
| 29                |        | 945752   | .1     | LOCK WASHER A8           | 1                | 1                | 1               |
| 30                |        | 240276   | .1     | HEX. SCREW M8x25         | 1                | 1                | 1               |
| 31                |        | 840711   | .1     | STUD M8x21/20            | 4                | 4                | 4               |
| 32                |        | 945752   | .1     | LOCK WASHER A8           | 4                | 4                | 4               |
| 33                |        | 942671   | .1     | HEX. NUT M8 (WS 11 mm)   | 4                | 4                | 4               |

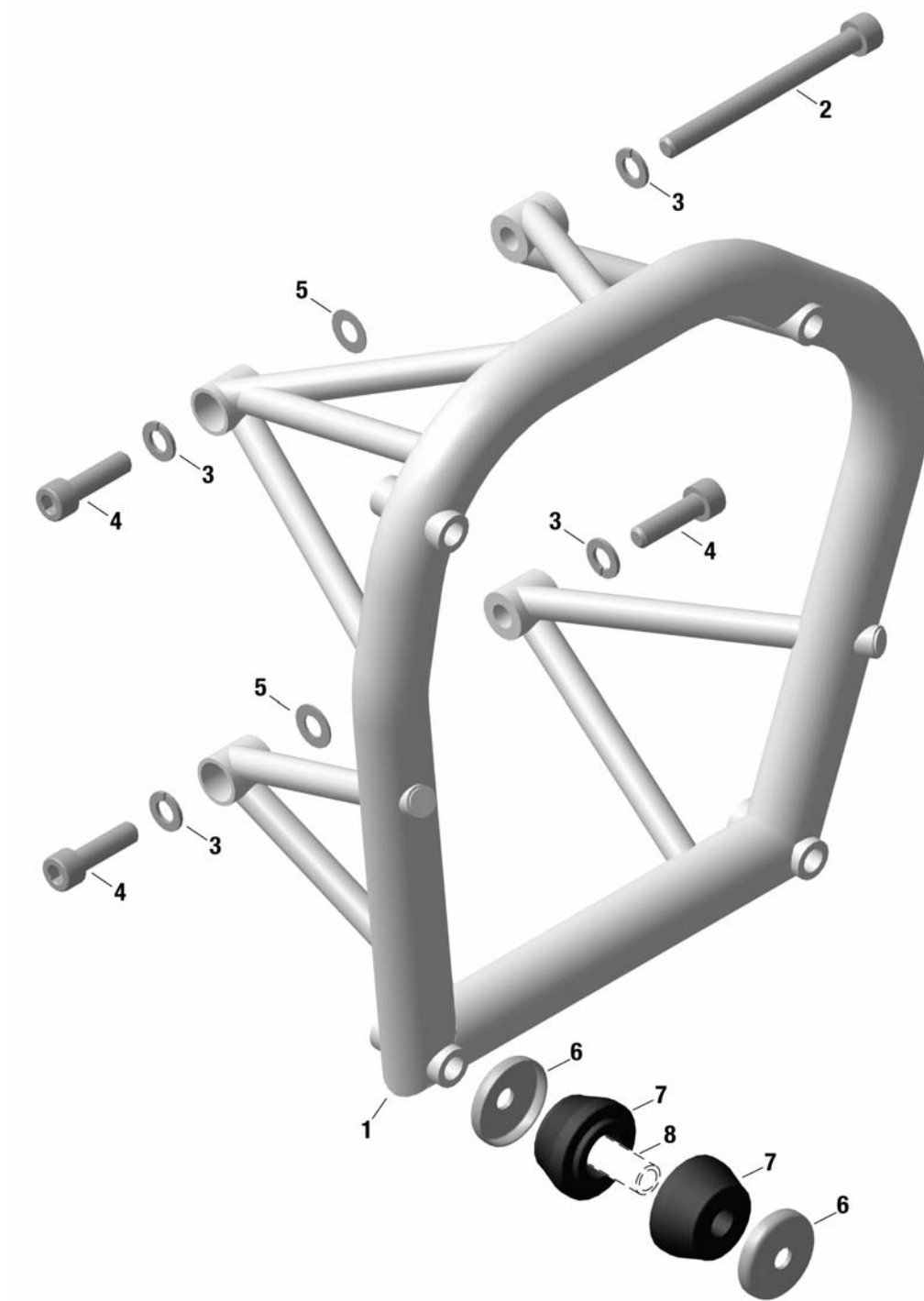
- Items not illustrated

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**Fig. 71-20-00-1**

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**Chapter) 71-20-00**  
**ENGINE SUSPENSION FRAME**

|                   |        |          |        |                                     | Parts per Engine |                  |                 |
|-------------------|--------|----------|--------|-------------------------------------|------------------|------------------|-----------------|
| FIG &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                         | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1               |        | 886561   | .1     | ENGINE SUSPENSION FRAME ASSY.       | 1                | 1                | 1               |
| 2                 |        | 941487   | .1     | ALLEN SCREW M10x110                 | 1                | 1                | 1               |
| 3                 |        | 945753   | .1     | LOCK WASHER A10                     | 4                | 4                | 4               |
| 4                 |        | 840948   | .1     | ALLEN SCREW M10x35                  | 3                | 3                | 3               |
| 5                 |        | 927952   | .1     | THRUST WASHER 10.1/20/0.5           | AR               | AR               | AR              |
| 5                 |        | 927953   | .1     | THRUST WASHER 10.1/20/1.0           | AR               | AR               | AR              |
| 6-7               |        | 860695   | .1     | SHOCK MOUNT SET                     | 1                | 1                | 1               |
| 6                 |        | 944240   | ..2    | CUP WASHER                          | 8                | 8                | 8               |
| 7                 |        | 860690   | ..2    | SHOCK-MOUNT                         | 8                | 8                | 8               |
| 8                 | n.a.   |          | .1     | STRUT<br>not available at BRP-Rotax | 4                | 4                | 4               |

- Items not illustrated

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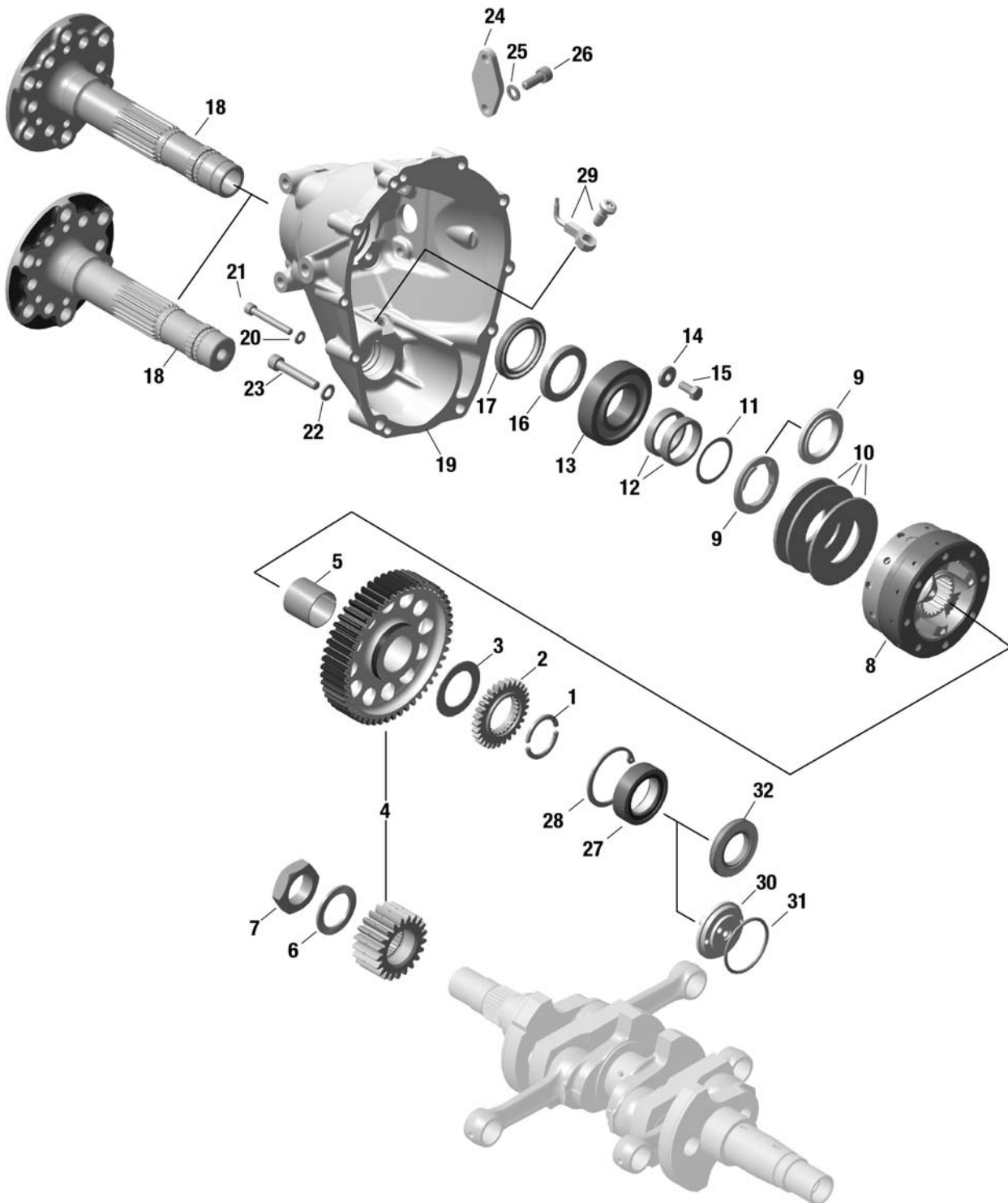
## ILLUSTRATED PARTS CATALOG

### NOTES

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## ILLUSTRATED PARTS CATALOG



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Fig. 72-10-00-1

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## ILLUSTRATED PARTS CATALOG

### Chapter) 72-10-00

#### PROPELLER GEAR ASSY. WITH OVERLOAD CLUTCH

|                    |           |                  |        |                                           | Parts per Engine |                  |                 |
|--------------------|-----------|------------------|--------|-------------------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS    | PART NO.         | INDENT | Description                               | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1                  | 1-29      | 893340           | .1     | GEARBOX WITH CLUTCH I 2.43-2<br>Version 2 | 1b               |                  |                 |
|                    |           | 893341           | .1     | GEARBOX WITH CLUTCH I 2.43-2<br>Version 2 |                  | 1a               | 1a              |
| 1                  | 1-29      | 893345           | .1     | GEARBOX WITH CLUTCH I 2.43-2<br>Version 3 | 1b               |                  |                 |
|                    |           | 893346           | .1     | GEARBOX WITH CLUTCH I 2.43-2<br>Version 3 |                  | 1a               | 1a              |
| 1                  |           | 926035           | ..2    | RING HALF                                 | 2                | 2                | 2               |
| 2                  |           | 834232           | ..2    | DRIVE GEAR 29 T                           | 1                | 1                | 1               |
| 3                  |           | 827992           | ..2    | THRUST WASHER 33.2/51/1.2                 | 1                | 1                | 1               |
| 4                  |           | 886518           | ..2    | GEAR SET I 2.43                           | 1                | 1                | 1               |
| 5                  |           | 933362           | ..2    | BUSHING 31x33x29.8                        | 1                | 1                | 1               |
| 6                  |           | 845431           | ..2    | FRICTION WASHER VS30                      | 1                | 1                | 1               |
| 7                  |           | 842579           | ..2    | HEX. NUT M30x1.5 12 MM LH                 | 1                | 1                | 1               |
| 8                  |           | 996915           | ..2    | OVERLOAD CLUTCH ASSY.                     | 1b               |                  |                 |
| 8                  |           | 996916           | ..2    | OVERLOAD CLUTCH ASSY.                     |                  | 1a               |                 |
| 9                  | s.v.<br>N | 847786<br>847787 | ..2    | STEP COLLAR                               | 1c               | 1c               | 1c              |
| 10                 |           | 838216           | ..2    | DISK SPRING B80 80x41x3                   | 3                | 3                | 3               |
| 11                 |           | 927401           | ..2    | SHIM 35.4/43/0.2                          | AR               | AR               | AR              |
| 11                 |           | 927402           | ..2    | SHIM 35.4/43/0.5                          | AR               | AR               | AR              |
| 11                 |           | 927403           | ..2    | SHIM 35.4/43/1.0                          | AR               | AR               | AR              |
| 12                 |           | 847687           | ..2    | SPACER 35.2/42/8                          | 2                | 2                | 2               |
| 13                 |           | 832578           | ..2    | BALL BEARING 6207E TN9 35-72-17           | 1                | 1                | 1               |
| 14                 |           | 944320           | ..2    | WASHER 7.2/18.8/3                         | 4                | 4                | 4               |

- Items not illustrated

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## ILLUSTRATED PARTS CATALOG

|                 |              |                  |        |                                  | Parts per Engine |               |              |
|-----------------|--------------|------------------|--------|----------------------------------|------------------|---------------|--------------|
| FIG. & ITEM NO. | STATUS       | PART NO.         | INDENT | Description                      | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 15              |              | 941760           | ..2    | HEX. SCREW M7x16                 | 4                | 4             | 4            |
| 16              |              | 926022           | ..2    | SPACER RING 36/50/5.5            | 1                | 1             | 1            |
| 17              |              | 950470           | ..2    | OIL SEAL AS 40x55x7 FPM          | 1                | 1             | 1            |
| 18              |              | 937046           | ..2    | PROPELLER SHAFT<br>Version 2     | 1                | 1             | 1            |
| 18              |              | 937045           | ..2    | PROPELLER SHAFT<br>Version 3     | 1                | 1             | 1            |
| 19              |              | 811959           | ..2    | GEAR COVER ASSY.                 | 1c               | 1c            | 1c           |
| 20              |              | 827962           | ..2    | WASHER 6.4                       | 8                | 8             | 8            |
| 21              | s.v.<br>N    | 241821<br>241823 | ..2    | ALLEN SCREW M6x45                | 8                | 8             | 8            |
| 22              |              | 944131           | ..2    | WASHER 8 ISO 7092-300 HV         | 2                | 2             | 2            |
| 23              | s.v.<br>s.v. | 841561<br>841562 | ..2    | ALLEN SCREW M8x45                | 2d               | 2d            | 2d           |
| 23              | N            | 940077           | ..2    | HEX./TORX SCREW M8x45            | 2                | 2             | 2            |
| 24              |              | 926151           | ..2    | COVER                            | 1                | 1             | 1            |
| 25              |              | 945752           | ..2    | LOCK WASHER A8                   | 2                | 2             | 2            |
| 26              |              | 940592           | ..2    | HEX. SCREW M8x20                 | 2                | 2             | 2            |
| 27              |              | 232241           | ..2    | ROLLER BEARING 205 E C3 25-52-15 | 1                | 1             | 1            |
| 28              |              | 945820           | ..2    | RETAINING RING 52x2              | 1                | 1             | 1            |
| 29              |              | 456520           | .1     | OIL SPRAY NOZZLE ASSY.           | 1c               | 1c            | 1c           |
| 30              |              | 810301           | .1     | OIL INLET FLANGE                 | 1                | 1             | 1            |
| 31              |              | 430175           | .1     | O-RING 46x3                      | 1                | 1             | 1            |
| 32              |              | 950200           | .1     | OIL SEAL AS 30x52x7 FPM          | 1                | 1             | 1            |

- Items not illustrated

- a break away torque 700-900 Nm (516-663 ft lb.)
- b break away torque 600-800 Nm (442-590 ft lb.)
- c Gearbox with oil spray nozzle, starting with gearbox S/N 74000
- d Replaced by hex. torx screw part no. 940077

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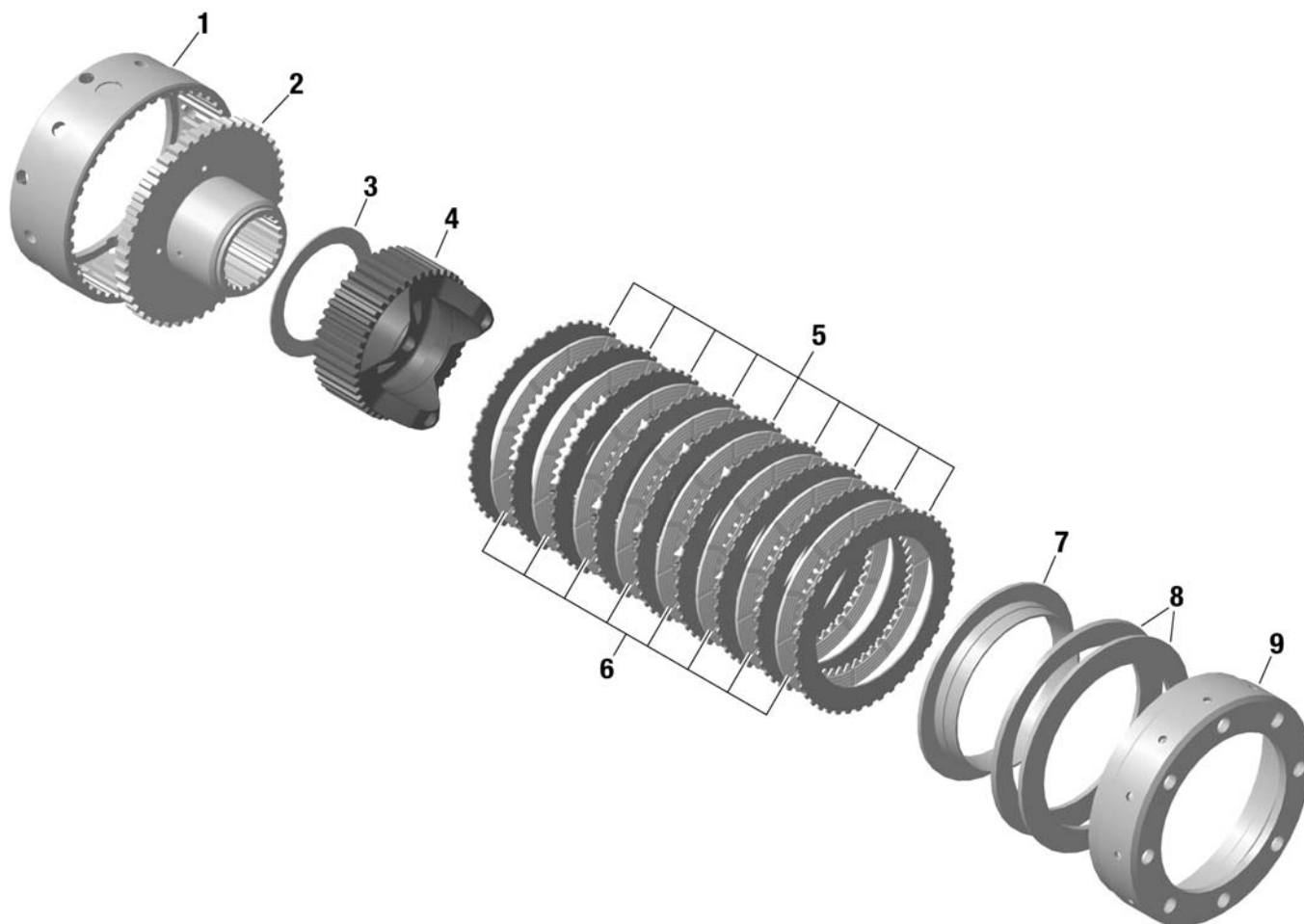
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### NOTES

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**Fig. 72-10-00-2**

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**Chapter) 72-10-00**  
**OVERLOAD CLUTCH**

|                    |        |          |        |                              | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                  | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 2 1-9              |        | 996915   | .1     | OVERLOAD CLUTCH ASSY.        | 1b               |                  |                 |
| 1-9                |        | 996916   | .1     | OVERLOAD CLUTCH ASSY.        |                  | 1a               | 1a              |
| 1                  |        | 958912   | ..2    | CLUTCH DRUM                  | 1                | 1                | 1               |
| 2                  |        | 958905   | ..2    | CLUTCH HUB                   | 1                | 1                | 1               |
| 3                  |        | 944080   | ..2    | THRUST WASHER 45.2/60/1      | 1                | 1                | 1               |
| 4                  |        | 958926   | ..2    | DOG HUB                      | 1                | 1                | 1               |
| 5                  |        | 958932   | ..2    | STEEL FRICTION PLATE 1.0 MM  | 9                | 9                | 9               |
| 6                  |        | 958945   | ..2    | SINTER FRICTION PLATE 1.8 MM | 8                | 8                | 8               |
| 7                  |        | 958951   | ..2    | SUPPORT RING                 | 1                | 1                | 1               |
| 8                  |        | 838161   | ..2    | DISK SPRING 100X76X2.7       | 2                | 2                | 2               |
| 9                  |        | 842644   | ..2    | COLLAR NUT M102X1.5          | 1cd              | 1cd              | 1cd             |

- Items not illustrated

- a break away torque 700-900 Nm (516-663 ft lb.)
- b break away torque 600-800 Nm (442-590 ft lb.)
- c With additional bores to drain lead.
- d Improved centering of disc springs.

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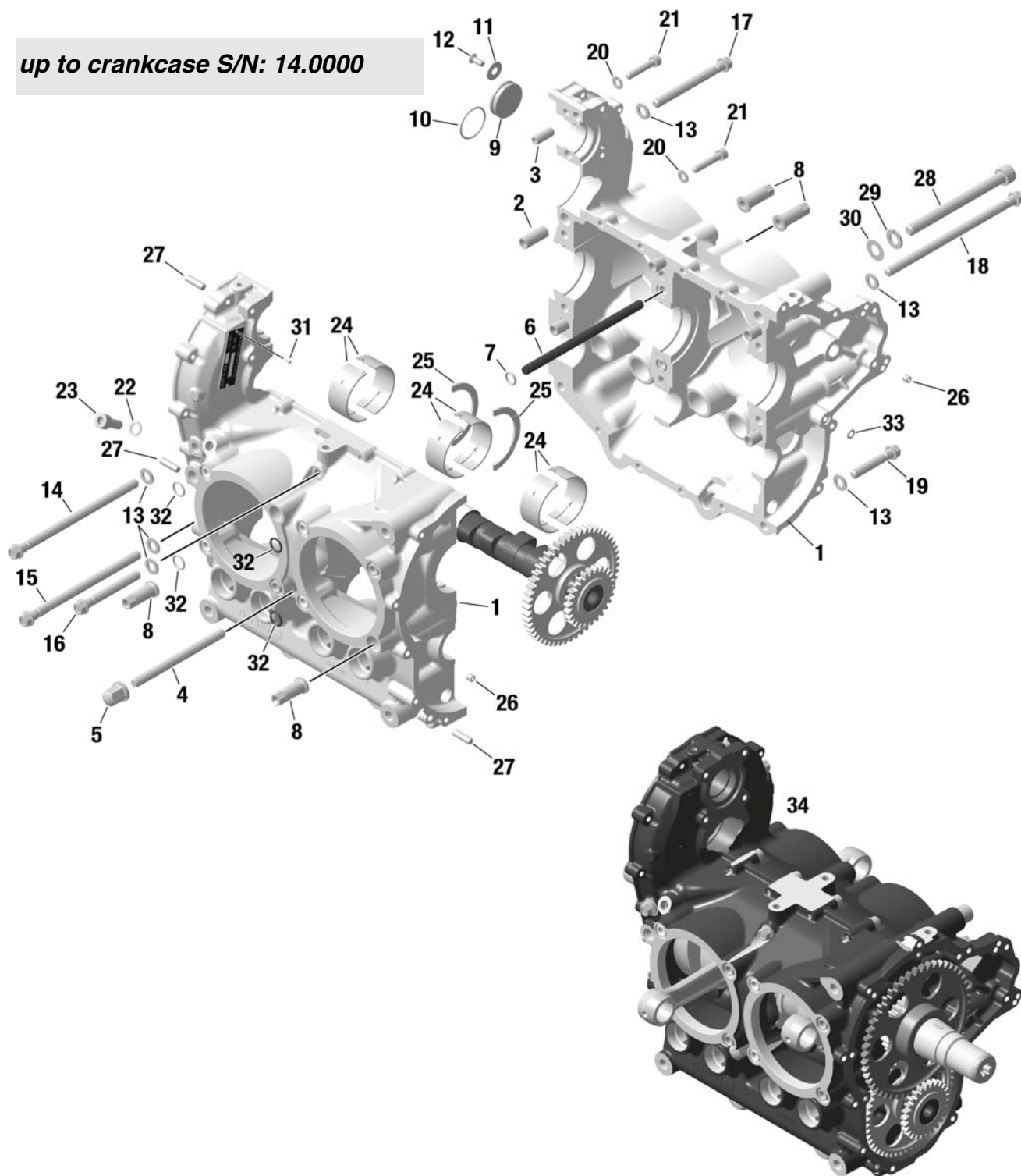
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*up to crankcase S/N: 14.0000*



**Fig. 72-20-00-1**

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**Chapter) 72-20-00**  
**CRANKCASE**

|                    |        |          |        |                               | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|-------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                   | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1                |        | 892659   | .1     | CRANKCASE ASSY.               | 1                | 1                | 1               |
| 2                  |        | 929951   | .1     | DOWEL 10.8x25                 | 5                | 5                | 5               |
| 3                  |        | 929845   | .1     | PIN D8x20                     | 1                | 1                | 1               |
| 4                  |        | 840191   | .1     | STUD M8x105                   | 1                | 1                | 1               |
| 5                  |        | 842471   | .1     | COLLAR CAP NUT M8             | 1                | 1                | 1               |
| 6                  |        | 840131   | .1     | STUD M8x138                   | 2                | 2                | 2               |
| 7                  |        | 850902   | .1     | O-RING 9+0.2x2-N FPM 75       | 2                | 2                | 2               |
| 8                  |        | 929116   | .1     | THREAD SLEEVE M8              | 8                | 8                | 8               |
| 9                  |        | 944222   | .1     | BLINDING SHIM                 | 1                | 1                | 1               |
| 10                 |        | 430061   | .1     | O-RING 26.7x1.8               | 1                | 1                | 1               |
| 11                 |        | 227280   | .1     | THRUST WASHER                 | 1                | 1                | 1               |
| 12                 |        | 940315   | .1     | COUNTERSUNK SCREW M5x12       | 1                | 1                | 1               |
| 13                 |        | 944131   | .1     | WASHER 8 ISO 7092-300 HV      | 8                | 8                | 8               |
| 14                 |        | 840091   | .1     | HEX. COLLAR SCREW M8x140-SW10 | 1                | 1                | 1               |
| 15                 |        | 440686   | .1     | HEX. COLLAR SCREW M8x130-SW10 | 1                | 1                | 1               |
| 16                 |        | 440406   | .1     | HEX. COLLAR SCREW M8x65-SW10  | 1                | 1                | 1               |
| 17                 |        | 840061   | .1     | HEX. COLLAR SCREW M8x80-SW10  | 1                | 1                | 1               |
| 18                 |        | 840101   | .1     | HEX. COLLAR SCREW M8x150-SW10 | 2                | 2                | 2               |
| 19                 |        | 940071   | .1     | HEX. COLLAR SCREW M8x45-SW10  | 2                | 2                | 2               |
| 20                 |        | 827961   | .1     | WASHER 6.4                    | 9                | 9                | 9               |
| 21                 |        | 840887   | .1     | ALLEN SCREW M6x30             | 9                | 9                | 9               |
| 22                 |        | 950141   | .1     | SEALING RING A 8x13           | 1                | 1                | 1               |
| 23                 |        | 240071   | .1     | ALLEN SCREW M8x20             | 1                | 1                | 1               |
| 24                 |        | 933870   | .1     | PLAIN BEARING "C"             | 6a               | 6a               | 6a              |

- Items not illustrated

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ILLUSTRATED PARTS CATALOG

| FIG. &<br>ITEM NO. | STATUS | PART NO.  | INDENT | Description                             | Parts per Engine |                  |                 |
|--------------------|--------|-----------|--------|-----------------------------------------|------------------|------------------|-----------------|
|                    |        |           |        |                                         | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 24                 |        | 933871    | .1     | PLAIN BEARING "D"                       | 6b               | 6b               | 6b              |
| 25                 |        | 933335    | .1     | RING HALF                               | 2                | 2                | 2               |
| 26                 |        | 241613    | .1     | PLUG SCREW M6 A2-70                     | 2c               | 2c               | 2c              |
| 27                 |        | 429230    | .1     | DOWEL 6x20                              | 3                | 3                | 3               |
| 28                 |        | 941487    | .1     | ALLEN SCREW M10x110                     | 1                | 1                | 1               |
| 29                 |        | 945753    | .1     | LOCK WASHER A10                         | 1                | 1                | 1               |
| 30                 |        | 927410    | .1     | WASHER 10.5                             | 1                | 1                | 1               |
| 31                 |        | 249071    | .1     | GROOVED PIN 2x5                         | 1                | 1                | 1               |
| 32                 |        | 431570    | .1     | O-RING 10.82x1.78<br>See chap. 72-20-00 | 8                | 8                | 8               |
| 33                 |        | 831929    | .1     | O-RING 5x2                              | 1                | 1                | 1               |
| 34                 |        | 300091210 | .1     | ENGINE BLOCK                            | 1d               | 1d               | 1d              |

- Items not illustrated

- a Measure group "C" 1.820 - 1.829 mm
- b Measure group "D" 1.830 - 1.839 mm
- c Until crankcase SN 12.0122
- d With M8x1 screws

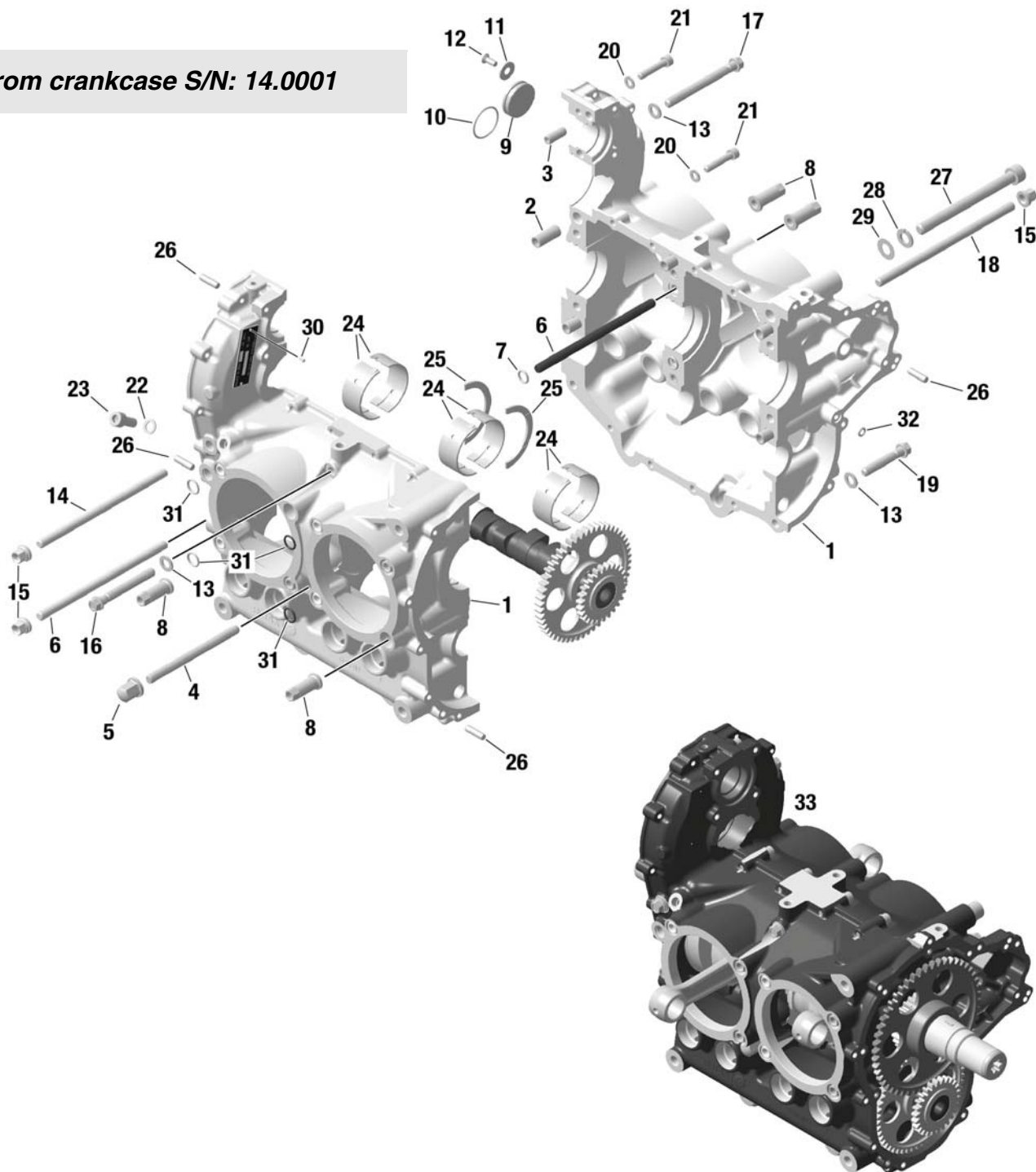
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**BRP-Rotax**  
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*from crankcase S/N: 14.0001*



**Fig. 72-20-00-2**

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**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG

**Chapter) 72-20-00**  
**CRANKCASE 912 iS Sport**

|                    |        |          |        |                             | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|-----------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                 | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 2 1                |        | 893867   | .1     | CRANKCASE ASSY.             | 1ac              | 1ac              | 1ac             |
| 2                  |        | 929951   | .1     | DOWEL 10.8x25               | 5                | 5                | 5               |
| 3                  |        | 929845   | .1     | PIN D8x20                   | 1                | 1                | 1               |
| 4                  |        | 840191   | .1     | STUD M8x105                 | 1                | 1                | 1               |
| 5                  |        | 842476   | .1     | COLLAR CAP NUT M8           | 1                | 1                | 1               |
| 6                  |        | 840132   | .1     | STUD M8x1x139               | 3c               | 3c               | 3c              |
| 7                  |        | 850902   | .1     | O-RING 9+0.2x2              | 2                | 2                | 2               |
| 8                  |        | 929117   | .1     | THREAD SLEEVE M8x1          | 8bc              | 8bc              | 8bc             |
| 9                  |        | 944222   | .1     | BLINDING SHIM               | 1                | 1                | 1               |
| 10                 |        | 430061   | .1     | O-RING 26.7x1.8             | 1                | 1                | 1               |
| 11                 |        | 227280   | .1     | THRUST WASHER               | 1                | 1                | 1               |
| 12                 |        | 940315   | .1     | COUNTERSUNK SCREW M5x12     | 1                | 1                | 1               |
| 13                 |        | 944131   | .1     | WASHER 8 ISO 7092-300 HV    | 4c               | 4c               | 4c              |
| 14                 |        | 840092   | .1     | STUD M8x1x153               | 1c               | 1c               | 1c              |
| 15                 |        | 842860   | .1     | COLLAR NUT M8x1             | 4c               | 4c               | 4c              |
| 16                 |        | 440406   | .1     | HEX.COLLAR SCREW M8x65-SW10 | 1                | 1                | 1               |
| 17                 |        | 840061   | .1     | HEX.COLLAR SCREW M8x80-SW10 | 1                | 1                | 1               |
| 18                 |        | 840102   | .1     | STUD M8x1x163               | 2c               | 2c               | 2c              |
| 19                 |        | 940071   | .1     | HEX.COLLAR SCREW M8x45-SW10 | 2                | 2                | 2               |
| 20                 |        | 827961   | .1     | WASHER 6.4                  | 9                | 9                | 9               |
| 21                 |        | 840887   | .1     | ALLEN SCREW M6x30           | 9                | 9                | 9               |
| 22                 |        | 950141   | .1     | SEALING RING A 8x13         | 1                | 1                | 1               |
| 23                 |        | 240071   | .1     | ALLEN SCREW M8x20           | 1                | 1                | 1               |
| 24                 |        | 933870   | .1     | PLAIN BEARING               | 6                | 6                | 6               |

- Items not illustrated

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| FIG. &<br>ITEM NO. | STATUS | PART NO.  | INDENT | Description                        | Parts per Engine |                  |                 |
|--------------------|--------|-----------|--------|------------------------------------|------------------|------------------|-----------------|
|                    |        |           |        |                                    | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 24                 |        | 933871    | .1     | PLAIN BEARING                      | 6                | 6                | 6               |
| 25                 |        | 933335    | .1     | RING HALF                          | 2                | 2                | 2               |
| 26                 |        | 429230    | .1     | DOWEL 6x20                         | 3                | 3                | 3               |
| 27                 |        | 941487    | .1     | ALLEN SCREW M10x110                | 1                | 1                | 1               |
| 28                 |        | 945753    | .1     | LOCK WASHER A 10                   | 1                | 1                | 1               |
| 29                 |        | 927410    | .1     | WASHER 10.5                        | 1                | 1                | 1               |
| 30                 |        | 249071    | .1     | GROOVED PIN 2x5                    | 1                | 1                | 1               |
| 31                 |        | 431570    | .1     | O-RING 10.82x1.78                  | 8                | 8                | 8               |
| 32                 |        | 831929    | .1     | O-RING 5x2                         | 1                | 1                | 1               |
| 33                 |        | 300091210 | .1     | ENGINE BLOCK<br>See chap. 00-00-00 | 1                | 1                | 1               |
| -                  |        | 881121    | .1     | SCREW SET - CRANKCASE              | 1c               | 1c               | 1c              |

- Items not illustrated

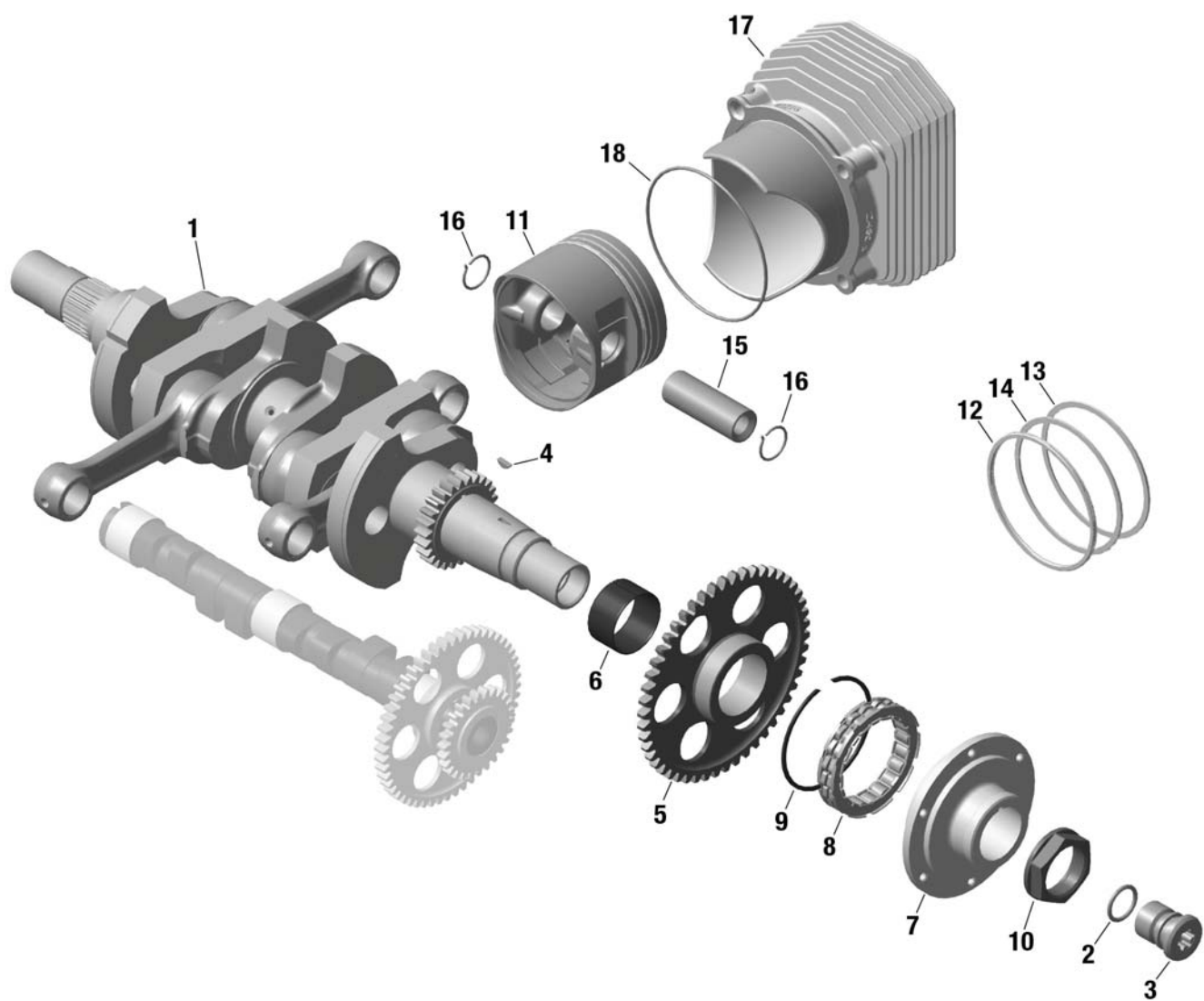
- a Crankcase with screw connection M8x1
- b Marked with groove
- c See Overhaul Manual of the respective engine type, current issue; M8x1

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**Fig. 72-20-00-3**

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## ILLUSTRATED PARTS CATALOG

### Chapter) 72-20-00

#### CRANKSHAFT, PISTON, CYLINDER, SPRAG CLUTCH

|                 |        |          |        |                               | Parts per Engine |               |              |
|-----------------|--------|----------|--------|-------------------------------|------------------|---------------|--------------|
| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                   | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 3 1-3           |        | 888169   | .1     | CRANKSHAFT SET                | 1                | 1             | 1            |
| 2               |        | 250055   | ..2    | O-RING 18x2.5-N FPM 75        | 1                | 1             | 1            |
| 3               |        | 940520   | ..2    | PLUG SCREW M22x1.5            | 1                | 1             | 1            |
| 4               |        | 246055   | .1     | WOODRUFF KEY 3x3.7            | 1                | 1             | 1            |
| 5               |        | 834122   | .1     | FREE WHEEL GEAR 50 T          | 1                | 1             | 1            |
| 6               |        | 933311   | .1     | BEARING BUSHING               | 1                | 1             | 1            |
| 7               |        | 852407   | .1     | SPRAG CLUTCH HOUSING          | 1                | 1             | 1            |
| 8               |        | 958856   | .1     | SPRAG CLUTCH 51.710x68.377x13 | 1                | 1             | 1            |
| 9               |        | 845425   | .1     | CIRCLIP 70                    | 1                | 1             | 1            |
| 10              |        | 942250   | .1     | HEX. NUT M32x1.5-LH           | 1                | 1             | 1            |
| 11-14           |        | 888382   | .1     | PISTON ASSY. 84/84.01 MM      | 4a               | 4a            | 4a           |
| 12              |        | 815230   | ..2    | OIL SCRAPER RING              | 4                | 4             | 4            |
| 13              |        | 815251   | ..2    | RECTANGULAR RING 84/77x1.5    | 4                | 4             | 4            |
| 14              |        | 815280   | ..2    | TAPERED COMPRESSION RING 84   | 4                | 4             | 4            |
| 15              |        | 916356   | .1     | PISTON PIN 20x12x55.3         | 4                | 4             | 4            |
| 16              |        | 845106   | .1     | MONOHOOK CIRCLIP 20           | 8                | 8             | 8            |
| 17              |        | 913226   | .1     | CYLINDER                      | 4b               | 4b            | 4b           |
| 18              |        | 250510   | .1     | O-RING 87x2                   | 4                | 4             | 4            |

- Items not illustrated

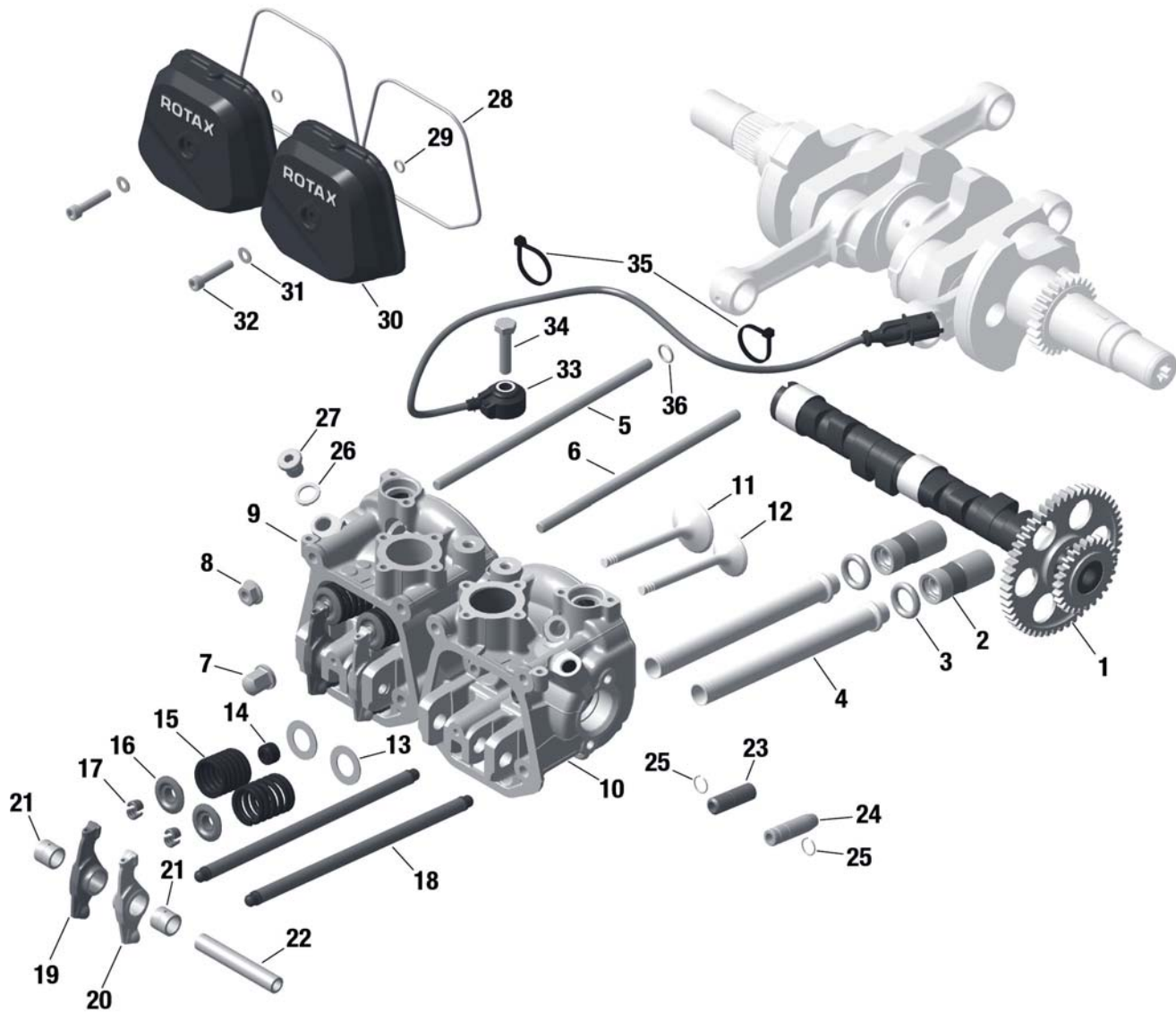
a red 84 mm, green 84.01 mm

b A: 84.000 - 84.012 mm  
B: 84.012 - 84.024 mm

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Fig. 72-20-00-4

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## ILLUSTRATED PARTS CATALOG

### Chapter) 72-20-00

#### CAMSHAFT, VALVE TRAIN, CYLINDERHEAD, VALVE COVER

|                 |        |          |        |                                    | Parts per Engine |               |              |
|-----------------|--------|----------|--------|------------------------------------|------------------|---------------|--------------|
| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                        | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 4 1             |        | 837418   | .1     | CAM SHAFT 230 DEGR. ASSY. W/O. RPM | 1                | 1             | 1            |
| 2               |        | 881832   | .1     | HYDRAULIC VALVE TAPPET             | 8                | 8             | 8            |
| 3               |        | 850930   | .1     | O-RING 16x5                        | 8                | 8             | 8            |
| 4               |        | 924440   | .1     | OIL RETURN TUBE                    | 8                | 8             | 8            |
| 5               |        | 840171   | .1     | STUD M8x200                        | 8                | 8             | 8            |
| 6               |        | 840141   | .1     | STUD M8x186                        | 8                | 8             | 8            |
| 7               | n.a.   | 842471   | .1     | COLLAR CAP NUT M8                  | 8c               | 8c            | 8c           |
| 7               |        | 842476   | .1     | COLLAR CAP NUT M8                  | 8a               | 8a            | 8a           |
| 7               |        | 942301   | .1     | COLLAR NUT M8                      | 8a               | 8a            | 8a           |
| 8               | n.a.   | 842610   | .1     | HEX. NUT M8                        | 8c               | 8c            | 8c           |
| 9               |        | 623775   | .1     | CYLINDERHEAD 2/3 ASSY.             | 2                | 2             | 2            |
| 10              |        | 623785   | .1     | CYLINDERHEAD 1/4 ASSY              | 2                | 2             | 2            |
| 11              |        | 854101   | .1     | INTAKE VALVE 38 MM                 | 4                | 4             | 4            |
| 12              |        | 854111   | .1     | EXHAUST VALVE 32 MM                | 4                | 4             | 4            |
| 13              |        | 926210   | .1     | SHIM 16/27.9/1                     | 8                | 8             | 8            |
| 14              |        | 230810   | .1     | VALVE STEM SEAL                    | 4                | 4             | 4            |
| 15              |        | 838156   | .1     | VALVE SPRING                       | 8                | 8             | 8            |
| 16              |        | 854186   | .1     | VALVE SPRING RETAINER              | 8                | 8             | 8            |
| 17              |        | 253092   | .1     | VALVE COTTER                       | 16               | 16            | 16           |
| 18              |        | 854861   | .1     | VALVE PUSH-ROD ASSY.               | 8                | 8             | 8            |
| 19              |        | 854383   | .1     | ROCKER ARM LEFT                    | 4                | 4             | 4            |
| 20              |        | 854393   | .1     | ROCKER ARM RIGHT                   | 4                | 4             | 4            |
| 21              |        | 933396   | .1     | BUSHING                            | 8                | 8             | 8            |
| 22              |        | 854193   | .1     | ROCKER ARM SHAFT                   | 4                | 4             | 4            |

- Items not illustrated

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| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description         | Parts per Engine |               |              |
|-----------------|--------|----------|--------|---------------------|------------------|---------------|--------------|
|                 |        |          |        |                     | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 23              |        | 854225   | .1     | VALVE GUIDE         | 4                | 4             | 4            |
| 24              |        | 253114   | .1     | INLET VALVE GUIDE   | 4                | 4             | 4            |
| 25              |        | 245440   | .1     | RETAINING RING A12  | 8                | 8             | 8            |
| 26              |        | 250015   | .1     | SEALING RING A12x18 | 3                | 3             | 3            |
| 27              |        | 841923   | .1     | PLUG SCREW M12x1.5  | 3                | 3             | 3            |
| 28              |        | 250285   | .1     | O-RING 105x2.5      | 4                | 4             | 4            |
| 29              |        | 430205   | .1     | O-RING 6.4x1.8      | 4                | 4             | 4            |
| 30              |        | 612260   | .1     | VALVE COVER         | 4                | 4             | 4            |
| 31              |        | 927941   | .1     | WASHER 6.0/12/1     | 4                | 4             | 4            |
| 32              |        | 840887   | .1     | ALLEN SCREW M6x30   | 4                | 4             | 4            |
| 33              |        | 866270   | .1     | KNOCK SENSOR        | 1                | 1             | 1            |
| 34              |        | 940481   | .1     | HEX. SCREW M8x30    | 1                | 1             | 1            |
| 35              |        | 866714   | .1     | TIE WRAP 142x3.2 mm | 2                | 2             | 2            |
| 36              | N      | 431570   |        | O-RING 10.82x1.78   | 8b               | 8b            | 8b           |

- Items not illustrated

- a Width A/F 11
- b From engine S/N up to engine S/N  
912 iS: 4 417 001 up to 4 417 400
- c Width A/F 13

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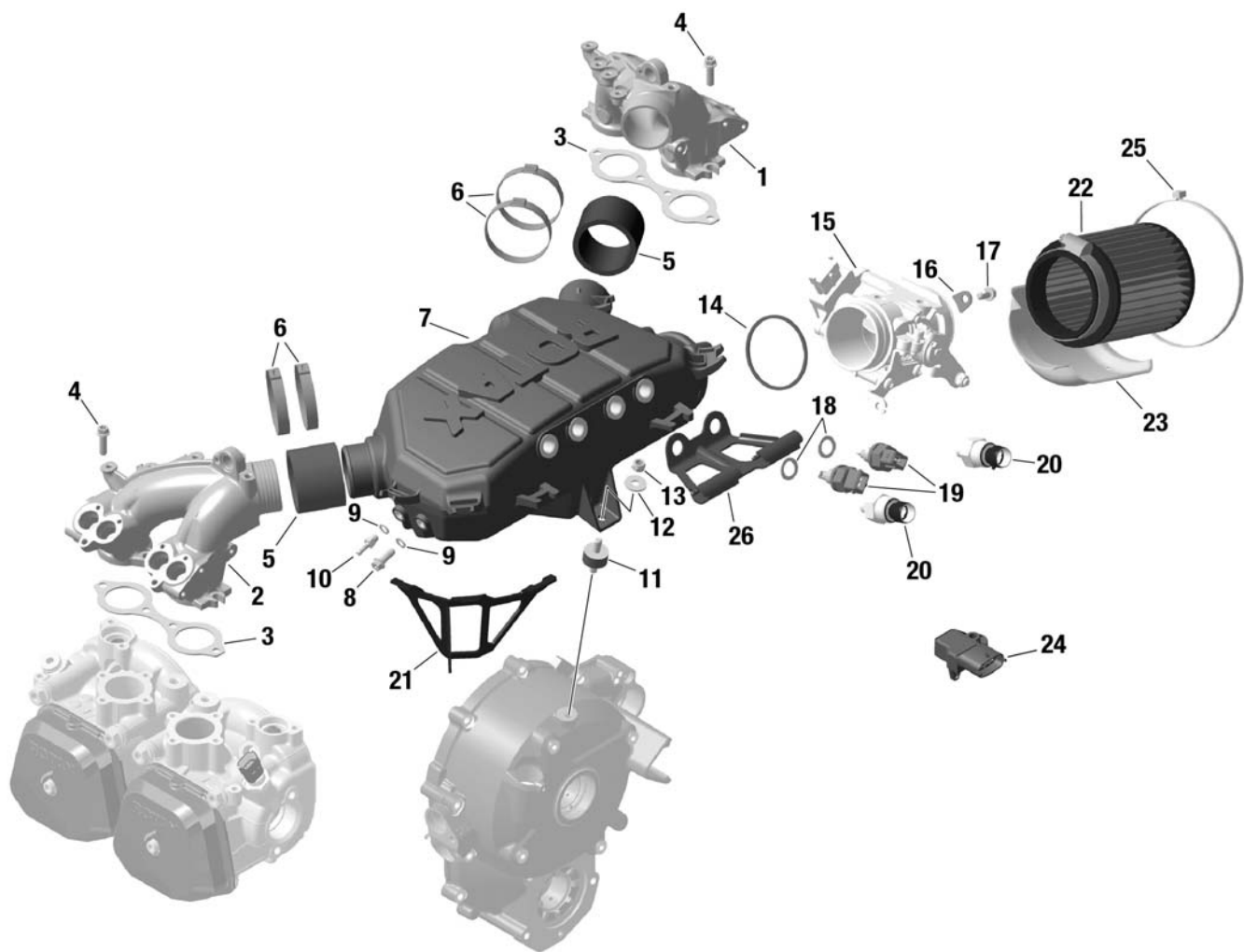


Fig. 73-10-00-1

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## ILLUSTRATED PARTS CATALOG

### Chapter) 73-10-00

#### INTAKE MANIFOLD, AIRBOX, THROTTLE BODY SOCKET

|                    |        |          |        |                                         | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|-----------------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                             | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1                |        | 667400   | .1     | INTAKE MANIFOLD 1/3                     | 1                | -                | -               |
| 2                  |        | 667405   | .1     | INTAKE MANIFOLD 2/4                     | 1                | -                | -               |
| 3                  |        | 850091   | .1     | ISOLATING FLANGE                        | 2b               | -                | -               |
| 4                  |        | 440207   | .1     | HEX./TORX-FLANGE SCREW<br>M6x20-SW8/T30 | 8                | -                | -               |
| 5                  |        | 460420   | .1     | CONNECTING SOCKET                       | 2                | -                | -               |
| 6                  |        | 853028   | .1     | 1-EAR-CLAMP 48.3-51.5 MM                | 4                | -                | -               |
| 7                  |        | 667410   | .1     | AIRBOX                                  | 1                | -                | -               |
| 8                  |        | 440164   | .1     | HEX. TORX-FLANGE SCREW M6x16            | 1                | -                | -               |
| 9                  |        | 230415   | .1     | SEALING RING A 6x10                     | 2                | -                | -               |
| 10                 |        | 840670   | .1     | HOSE NIPPLE M6                          | 1                | -                | -               |
| 11                 |        | 860700   | .1     | RUBBER 20x10xM6                         | 1                | -                | -               |
| 12                 |        | 827968   | .1     | WASHER 6.4                              | 1                | -                | -               |
| 13                 |        | 842042   | .1     | LOCK NUT M6                             | 1                | -                | -               |
| 14                 |        | 850020   | .1     | RUBBER RING                             | 1                | -                | -               |
| 15                 |        | 685051   | .1     | THROTTLE BODY SOCKET ASSY.              | 1                | -                | -               |
| 16                 |        | 953020   | .1     | SEPARATING PLATE                        | 3                | -                | -               |
| 17                 |        | 440147   | .1     | HEX./TORX-FLANGE SCREW M6x12-<br>SW8T30 | 3                | -                | -               |
| 18                 |        | 250015   | .1     | SEALING RING A12x18                     | 2                | -                | -               |
| 19                 |        | 222423   | .1     | TEMPERATURE SENSOR                      | 2                | -                | -               |
| 20                 |        | 664362   | .1     | PRESSURE SENSOR 2.0                     | 2                | -                | -               |
| 21                 |        | 951560   | .1     | CONNECTOR BRACKET                       | 1                | -                | -               |
| 22                 |        | 825750   | .1     | AIRFILTER                               | (1a)             | -                | -               |
| 23                 |        | 975100   | .1     | HEATSHIELD                              | (1)              | -                | -               |

- Items not illustrated

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| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description            | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|------------------------|------------------|------------------|-----------------|
|                    |        |          |        |                        | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 24                 |        | 874654   | .1     | PRESSURE-/TEMP. SENSOR | 1c               | -                | -               |
| 25                 |        | 951500   | .1     | CLAMP 381x4.8 mm       | (1)              | -                | -               |
| 26                 | N      | 651780   | .1     | CONNECTOR BRACKET      | 1                | -                | -               |

- Items not illustrated

- a Airfilter incl. hose clamp
- b Double flange
- c Ambient pressure and temperature

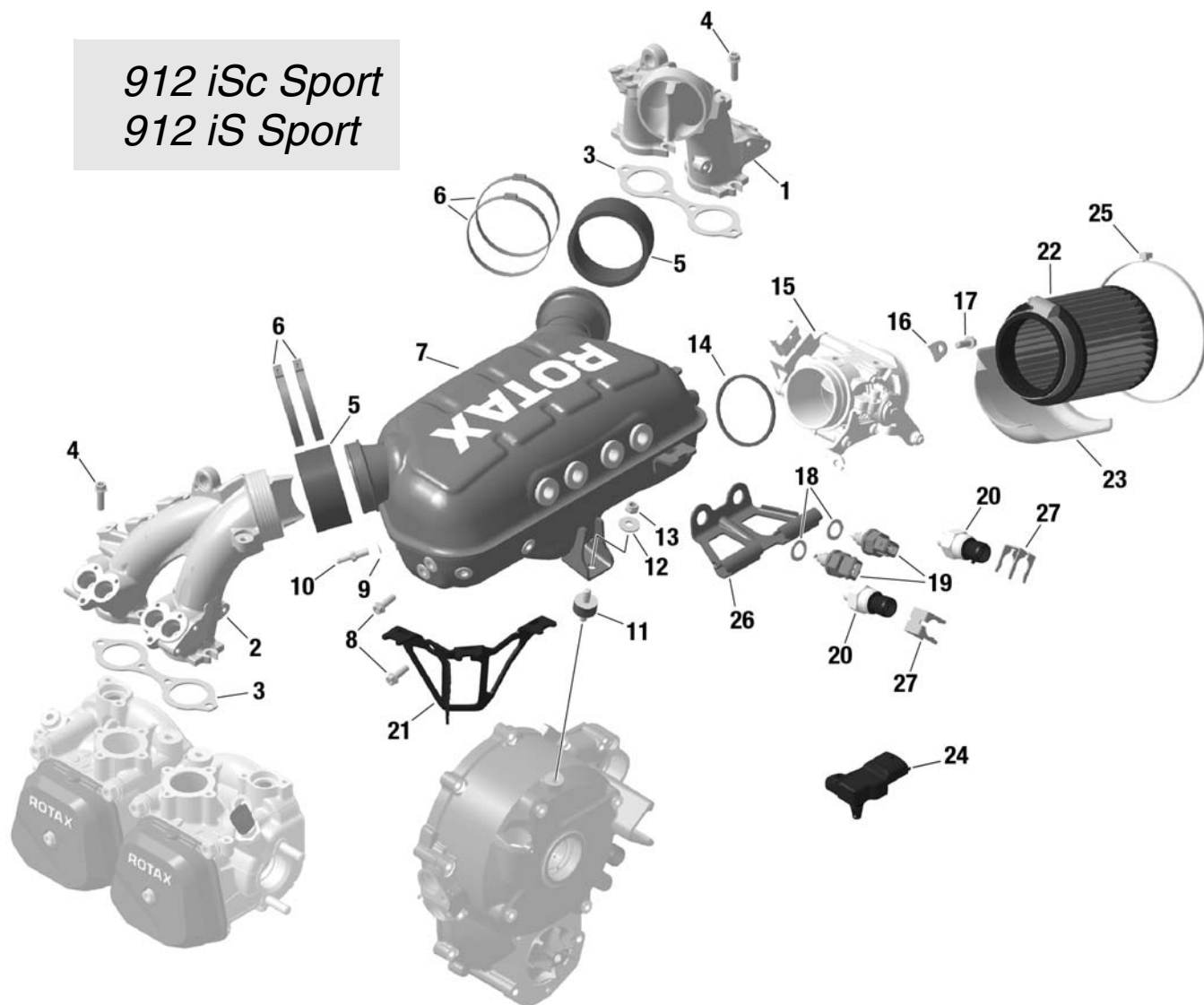
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*912 iSc Sport*  
*912 iS Sport*



**Fig. 73-10-00-2**

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## ILLUSTRATED PARTS CATALOG

### Chapter) 73-10-00

#### INTAKE MANIFOLD, AIRBOX, THROTTLE BODY SOCKET 912 iSc/iS Sport

|                    |        |             |        |                                      | Parts per Engine |                 |
|--------------------|--------|-------------|--------|--------------------------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART<br>NO. | INDENT | Description                          | 912 iSc<br>Sport | 912 iS<br>Sport |
| 2 1                |        | 667401      | .1     | INTAKE MANIFOLD 2/4§                 | 1                | 1               |
| 2                  |        | 667406      | .1     | INTAKE MANIFOLD 2/4                  | 1                | 1               |
| 3                  |        | 850091      | .1     | ISOLATING FLANGE                     | 2a               | 2a              |
| 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         | 4                | 4               |
| 9                  | s.v.   | 230415      | .1     | SEALING RING A 6x10                  | 1d               | 1d              |
| 10                 | N      | 840672      | .1     | HOSE NIPPLE M6                       | 1d               | 1d              |
|                    | s.v.   | 840671      |        | HOSE NIPPLE M6                       | 1d               | 1d              |
| 11                 |        | 860700      | .1     | RUBBER 20x10xM6                      | 1                | 1               |
| 12                 |        | 827968      | .1     | WASHER 6.4                           | 1                | 1               |
| 13                 |        | 842042      | .1     | LOCK NUT M6                          | 1                | 1               |
| 14                 |        | 850020      | .1     | RUBBER RING                          | 1                | 1               |
| 15                 |        | 685051      | .1     | THROTTLE BODY SOCKET ASSY.           | 1                | 1               |
| 16                 |        | 953020      | .1     | SEPARATING PLATE                     | 3                | 3               |
| 17                 |        | 440147      | .1     | HEX./TORX-FLANGE SCREW M6x12-SW8T30  | 3                | 3               |
| 18                 |        | 250015      | .1     | SEALING RING A12x18                  | 2                | 2               |
| 19                 |        | 222423      | .1     | TEMPERATURE SENSOR                   | 2                | 2               |
| 20                 |        | 664362      | .1     | PRESSURE SENSOR 2.0                  | 2                | 2               |
| 21                 |        | 951562      | .1     | CONNECTOR BRACKET                    | 1                | 1               |
| 22                 |        | 825750      | .1     | AIRFILTER                            | (1b)             | (1b)            |
| 23                 |        | 975100      | .1     | HEATSHIELD                           | (1)              | (1)             |

- Items not illustrated

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| FIG. &<br>ITEM NO. | STATUS | PART<br>NO. | INDENT | Description                 | Parts per Engine |                 |
|--------------------|--------|-------------|--------|-----------------------------|------------------|-----------------|
|                    |        |             |        |                             | 912 iSc<br>Sport | 912 iS<br>Sport |
| 24                 |        | 874654      | .1     | PRESSURE/TEMPERATURE SENSOR | 1c               | 1c              |
| 25                 |        | 951500      | .1     | CLAMP 381x4.8 mm            | (1)              | (1)             |
| 26                 |        | 651780      | .1     | CONNECTOR BRACKET           | 1                | 1               |
| 27                 |        | 638140      | .1     | CLAMP                       | 2                | 2               |

- Items not illustrated

- a Double flange
- b Airfilter incl. hose clamp
- c Ambient pressure and temperature
- d 840671 + 230415 is replaced by 840672

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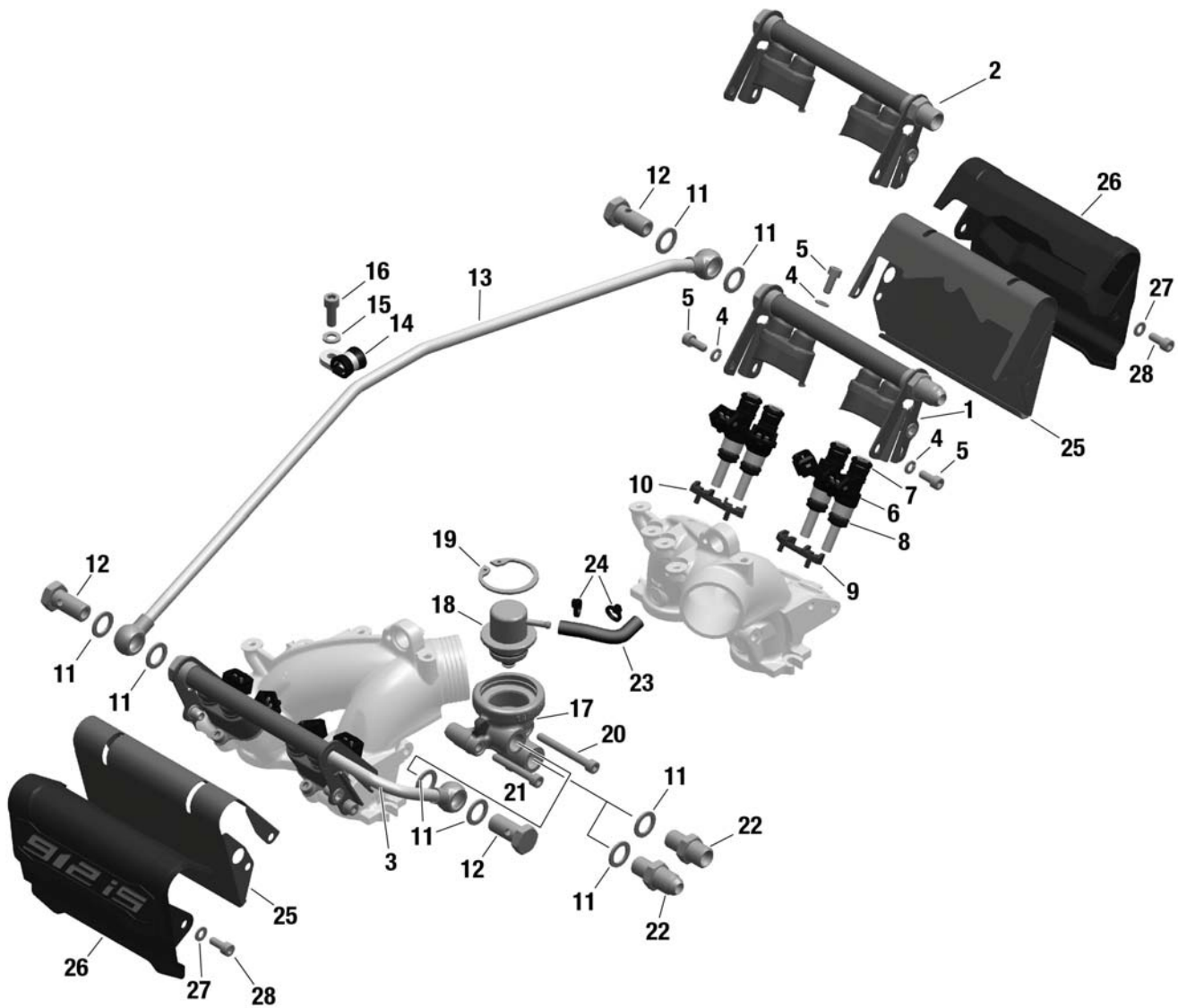


Fig. 73-10-00-3

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## ILLUSTRATED PARTS CATALOG

### Chapter) 73-10-00

#### FUEL INJECTOR, FUEL RAIL, PRESSURE REGULATOR, FUEL RAIL COVER

|                 |        |          |        |                                 | Parts per Engine |               |              |
|-----------------|--------|----------|--------|---------------------------------|------------------|---------------|--------------|
| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                     | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 3 1             |        | 874795   | .1     | FUELRAIL RIGHT UNF              | 1a               | 1a            | 1a           |
| 2               |        | 874799   | .1     | FUELRAIL RIGHT METRIC           | 1b               | 1b            | 1b           |
| 3               |        | 874797   | .1     | FUELRAIL LEFT                   | 1                | 1             | 1            |
| 4               |        | 945750   | .1     | LOCK WASHER A5                  | 11               | 11            | 11           |
| 5               |        | 640541   | .1     | ALLEN SCREW M5x12               | 11               | 11            | 11           |
| 6-8             |        | 874780   | .1     | FUEL INJECTOR                   | 8                | 8             | 8            |
| 7               |        | 631220   | ..2    | O-RING 7.52x3.51                | 8                | 8             | 8            |
| 8               |        | 431890   | ..2    | O-RING 8.54x3.1 VITON B70       | 8                | 8             | 8            |
| 9               |        | 860042   | .1     | DAMPER LEFT                     | 2                | 2             | 2            |
| 10              |        | 860040   | .1     | DAMPER RIGHT                    | 2                | 2             | 2            |
| 11              |        | 250640   | .1     | SEALING RING A12x18-CU          | 7                | 7             | 7            |
| 12              |        | 641540   | .1     | BANJO BOLT                      | 3                | 3             | 3            |
| 13              |        | 874802   | .1     | FUEL LINE ASSY.                 | 1                | 1             | 1            |
| 14              |        | 853412   | .1     | CABLE CLAMP                     | 1                | 1             | 1            |
| 15              |        | 827961   | .1     | WASHER 6.4                      | 1                | 1             | 1            |
| 16              |        | 241239   | .1     | ALLEN SCREW M6x16               | 1                | 1             | 1            |
| 17              |        | 874770   | .1     | PRESSURE REGULATOR HOUSING      | 1                | 1             | 1            |
| 18              |        | 889262   | .1     | FUEL PRESSURE REGULATOR ASSY.   | 1                | 1             | 1            |
| 19              |        | 845650   | .1     | RETAINING RING 36x1.5           | 1                | 1             | 1            |
| 20              |        | 941791   | .1     | ALLENSCREW M5x45                | 1                | 1             | 1            |
| 21              |        | 841501   | .1     | ALLEN SCREW M5x35               | 1                | 1             | 1            |
| 22              |        | 840700   | .1     | ADAPTER 9/16 UNF/M12x1.5        | 1                | 1             | 1            |
| 22              |        | 856821   | .1     | ADAPTER M 14x1.5/M12x1.5 METRIC | 1                | 1             | 1            |
| 23              |        | 960631   | .1     | TUBE 60 +/-3 MM                 | 1                | 1             | 1            |

- Items not illustrated

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| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description              | Parts per Engine |               |              |
|-----------------|--------|----------|--------|--------------------------|------------------|---------------|--------------|
|                 |        |          |        |                          | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 24              |        | 866718   | .1     | TIE WRAP 94x2.5 MM       | 2                | 2             | 2            |
| 25              |        | 975090   | .1     | HEAT SHIELD              | 2                | 2             | 2            |
| 26              |        | 975060   | .1     | COVERING FUELRAIL        | 2                | 2             | 2            |
| 27              |        | 939445   | .1     | SPRING WASHER 12x5.2x0.5 | 4                | 4             | 4            |
| 28              |        | 640541   | .1     | ALLEN SCREW M5x12        | 4                | 4             | 4            |

- Items not illustrated

- a Thread 9/16 18 UNF
- b Thread M14x1.5

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## ILLUSTRATED PARTS CATALOG

**Fig. 73-10-00-4**

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ILLUSTRATED PARTS CATALOG

**Chapter) 73-10-00**  
**FUEL PUMP ASSY. COVER**

|                    |        |          |        |                        | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description            | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 4 1-6              |        | 889696   | .1     | FUEL PUMP ASSY. UNF    | 1a               | 1a               | 1a              |
| 1-6                |        | 889698   | .1     | FUEL PUMP ASSY. METRIC | 1b               | 1b               | 1b              |
| 1                  |        | 640541   | ..2    | ALLEN SCREW M5X12      | 4                | 4                | 4               |
| 2                  |        | 911790   | ..2    | COVER                  | 1                | 1                | 1               |
| 3                  |        | 975055   | ..2    | HEAT PROTECTION MAT    | 1                | 1                | 1               |
| 4                  |        | 201160   | ..2    | RUBBER GROMMET         | 2                | 2                | 2               |
| 5                  |        | 911700   | ..2    | HOUSING                | 1                | 1                | 1               |
| 6                  |        | 242213   | ..2    | HEX.NUT M6             | 8                | 8                | 8               |
| 7                  |        | 874060   | .1     | FUEL FILTER            | 1c               |                  | 1c              |

- Items not illustrated

- a Thread 9/16 18 UNF
- b Thread M14x1.5
- c Fine filter (see Installation Manual)

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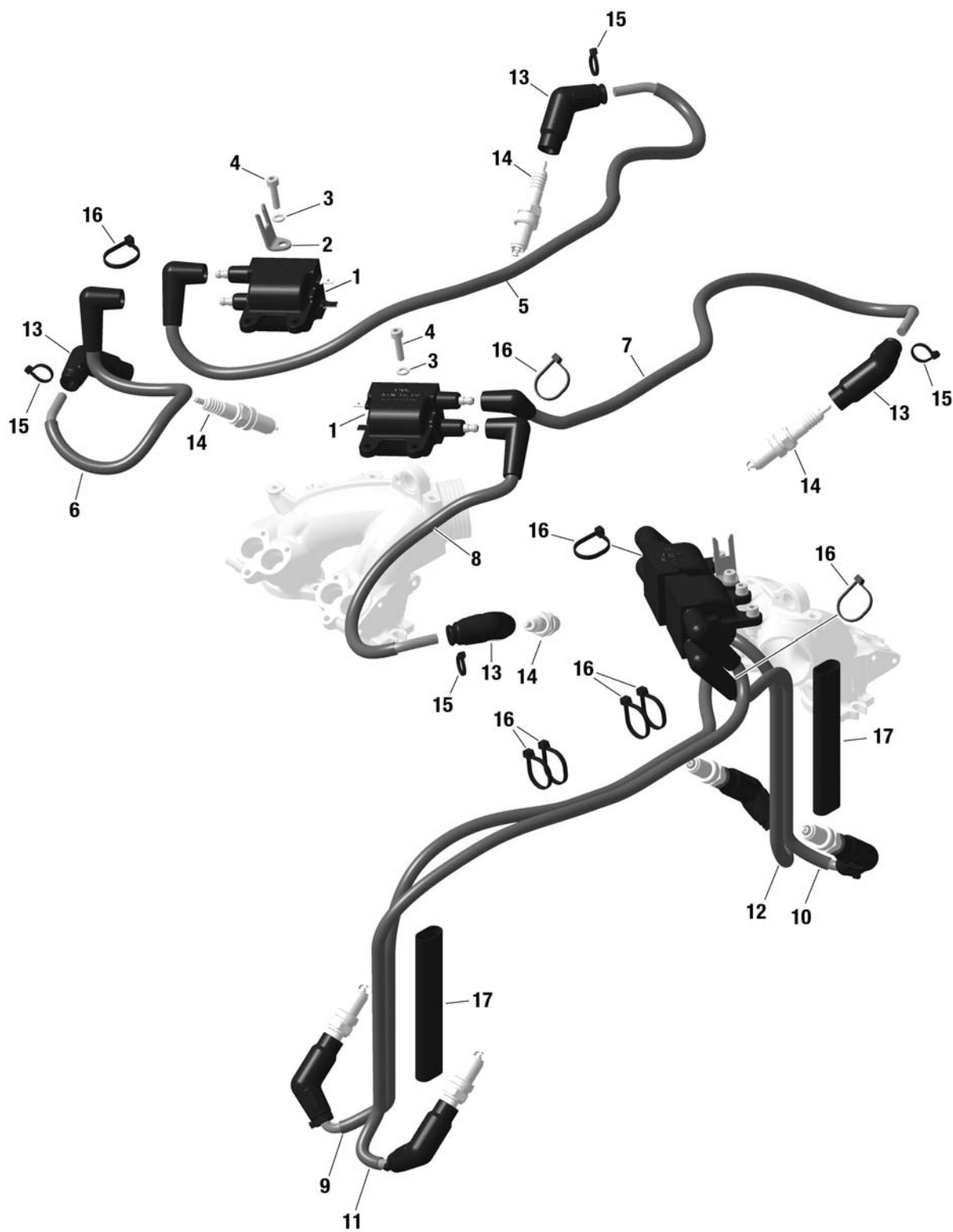
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**Fig. 74-20-00-1**

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## ILLUSTRATED PARTS CATALOG

### Kapitel/Chapter) 74-20-00

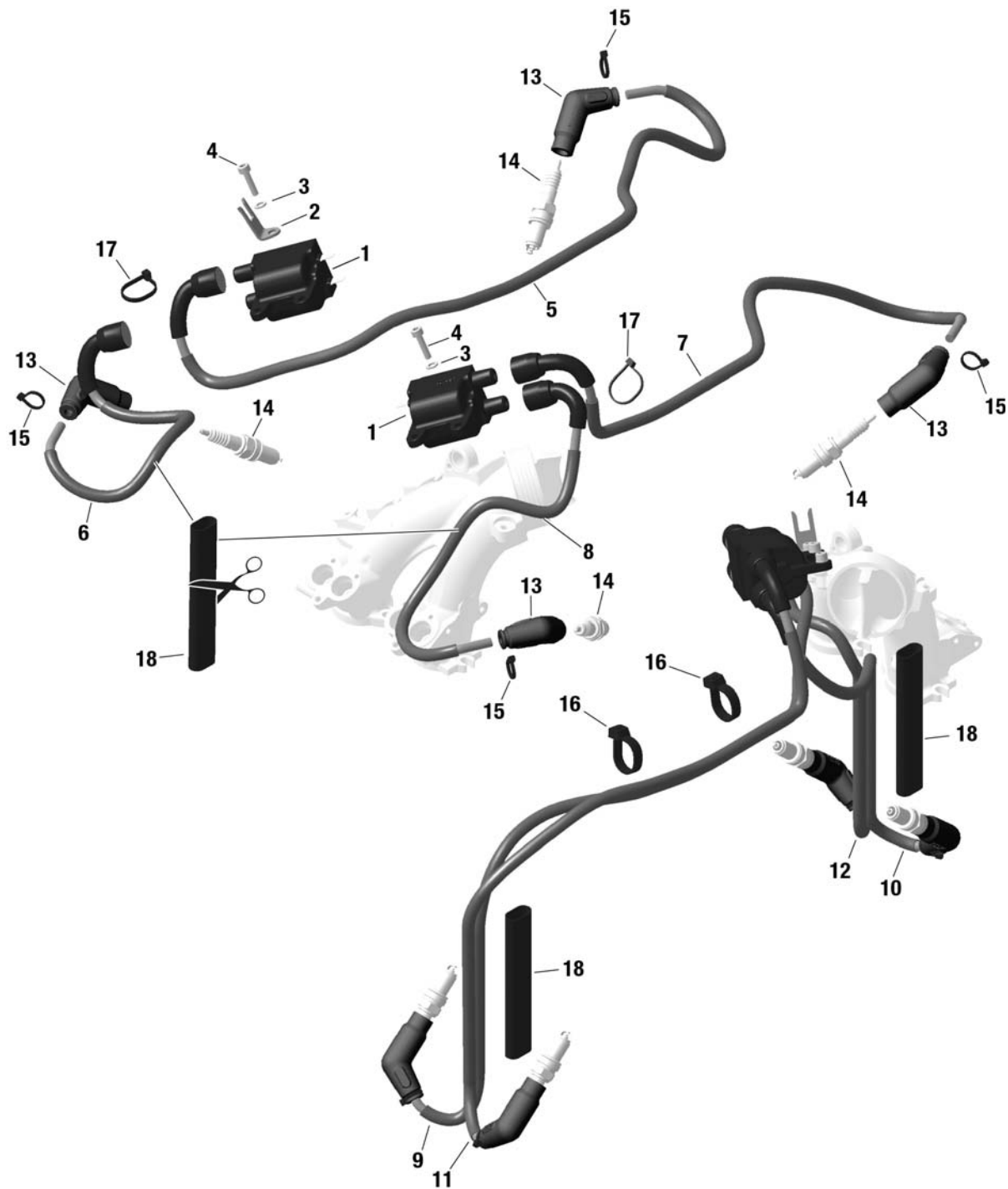
#### IGNITION COILS, IGNITION CABLE, SPARK PLUG CONNECTOR, SPARK PLUG

|                    |           |                  |        |                                  |  | Parts per Engine |                  |                 |
|--------------------|-----------|------------------|--------|----------------------------------|--|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS    | PART NO.         | INDENT | Description                      |  | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1                | n.a.      | 665610           | .1     | DOUBLE IGNITION COIL             |  | 4c               |                  |                 |
| 2                  |           | 951490           | .1     | CONNECTOR BRACKET                |  | 2                |                  |                 |
| 3                  |           | 945750           | .1     | LOCK WASHER A5                   |  | 8                |                  |                 |
| 4                  |           | 441341           | .1     | ALLEN SCREW M5x20                |  | 8                |                  |                 |
| 5                  | n.a.      | 665550           | .1     | IGNITION CABLE ASSY.             |  | 1c               |                  |                 |
| 6                  | n.a.      | 665551           | .1     | IGNITION CABLE ASSY.             |  | 1c               |                  |                 |
| 7                  | n.a.      | 665552           | .1     | IGNITION CABLE ASSY.             |  | 1c               |                  |                 |
| 8                  | n.a.      | 665553           | .1     | IGNITION CABLE ASSY.             |  | 1c               |                  |                 |
| 9                  | n.a.      | 665554           | .1     | IGNITION CABLE ASSY.             |  | 1c               |                  |                 |
| 10                 | n.a.      | 665555           | .1     | IGNITION CABLE ASSY.             |  | 1c               |                  |                 |
| 11                 | n.a.      | 665556           | .1     | IGNITION CABLE ASSY.             |  | 1c               |                  |                 |
| 12                 | n.a.      | 665557           | .1     | IGNITION CABLE ASSY.             |  | 1c               |                  |                 |
| 13                 | N<br>s.v. | 265249<br>265248 | .1     | SPARK PLUG CONNECTOR             |  | 8                |                  |                 |
| 14                 | N<br>s.v. | 297656<br>297940 | .1     | SPARK PLUG 12                    |  | 8                |                  |                 |
| 15                 |           | 866718           | .1     | TIE WRAP 94x2.5 MM               |  | 8                |                  |                 |
| 16                 |           | 866714           | .1     | TIE WRAP 142x3.2 MM              |  | 4                |                  |                 |
| 17                 |           | 860734           | .1     | GLASS FIBER-SILICON SHEATING 120 |  | 2                |                  |                 |

- Items not illustrated

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**Fig. 74-20-00-2**

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## ILLUSTRATED PARTS CATALOG

### Kapitel/Chapter) 74-20-00

#### IGNITION COILS, IGNITION CABLE, SPARK PLUG CONNECTOR, SPARK PLUG 912 iS Sport

|                    |           |                  |        |                                  | Parts per Engine |                  |                 |
|--------------------|-----------|------------------|--------|----------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS    | PART NO.         | INDENT | Description                      | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 2 1                |           | 665612           | .1     | DOUBLE IGNITION COIL             | 4b               | 4b               | 4b              |
| 2                  |           | 951490           | .1     | CONNECTOR BRACKET                | 2                | 2                | 2               |
| 3                  |           | 945750           | .1     | LOCK WASHER A5                   | 8                | 8                | 8               |
| 4                  |           | 441341           | .1     | ALLEN SCREW M5x20                | 8                | 8                | 8               |
| 5-12               |           | 665558           | .1     | IGNITION CABLE SET               | 1a               | 1a               | 1a              |
| 13                 |           | 265248           | .1     | SPARK PLUG CONNECTOR             | 8                | 8                | 8               |
| 14                 | N<br>s.v. | 297656<br>297940 | .1     | SPARK PLUG 12                    | 8                | 8                | 8               |
| 15                 |           | 866718           | .1     | TIE WRAP 94x2.5 MM               | 8                | 8                | 8               |
| 16                 |           | 866716           | .1     | TIE WRAP 203x7.6 MM              | 2                | 2                | 2               |
| 17                 |           | 866714           | .1     | TIE WRAP 142x3.2 MM              | 4                | 4                | 4               |
| 18                 |           | 860734           | .1     | GLASS FIBER-SILICON SHEATING 120 | 3                | 3                | 3               |

- Items not illustrated

- a Set for double ignition coil with high tension connector wood screw included:  
8 ignition cable assy., 8 protective cap and 8 glass fiber-silicon sheating.
- b Double ignition coil with high tension connector wood screw use with part no. 665558.
- c Double ignition coil and cable with plug connection

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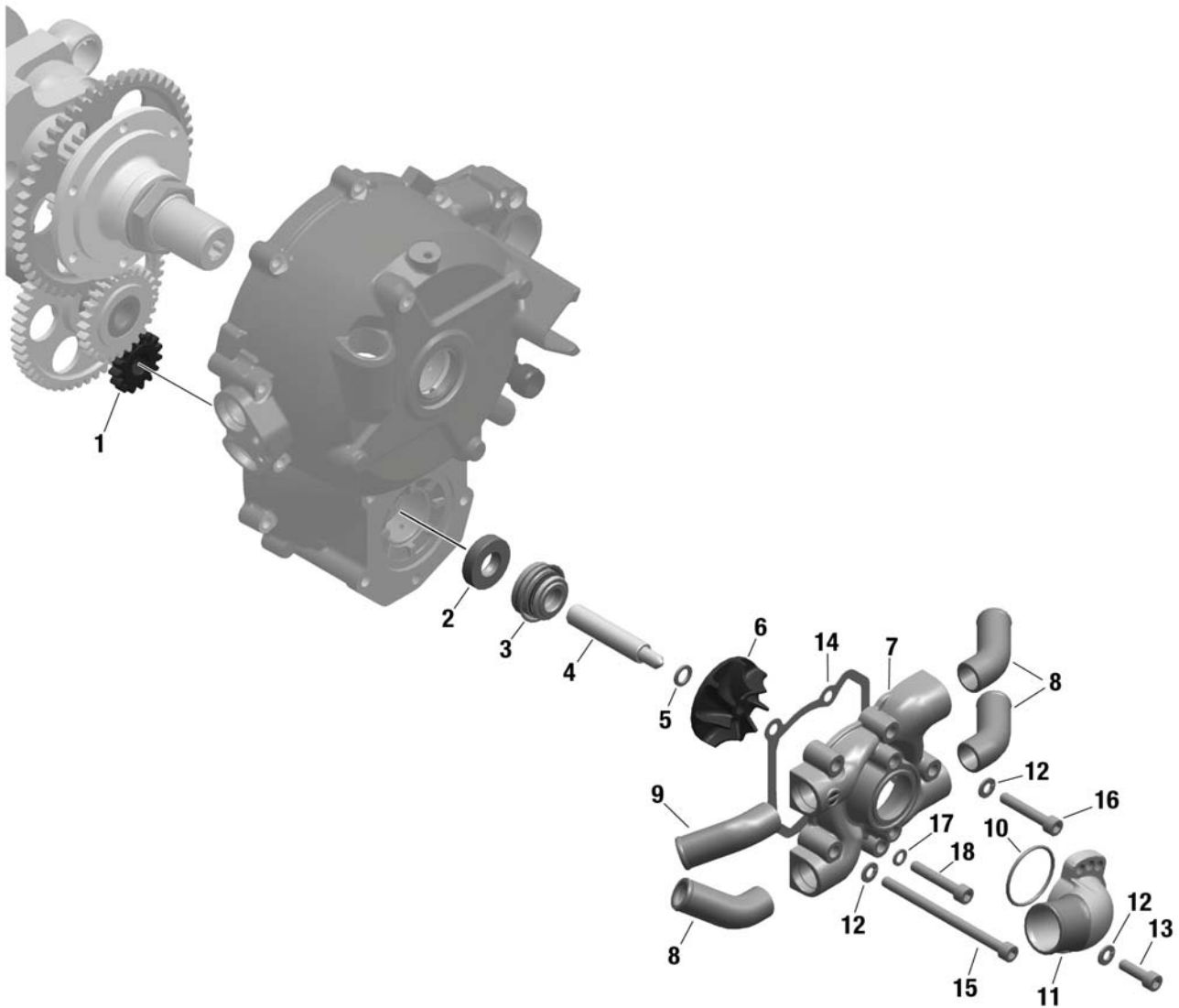
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**Fig. 75-20-00-1**

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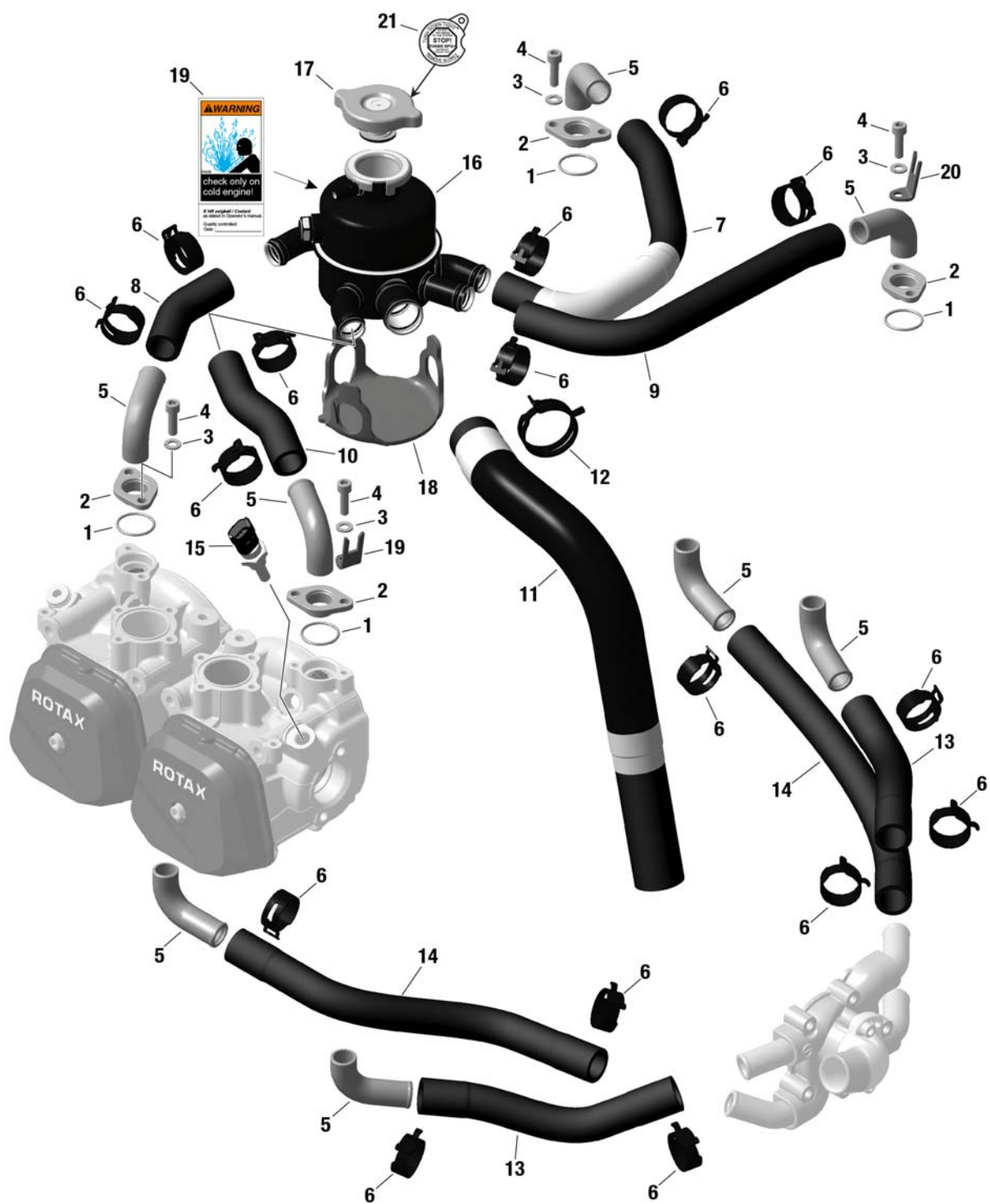
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**Chapter) 75-20-00**  
**WATER PUMP WITH DRIVE**

|                    |        |          |        |                             | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|-----------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                 | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1                |        | 834135   | .1     | WATER PUMP GEAR 15 T        | 1                | 1                | 1               |
| 2                  |        | 850977   | .1     | OIL SEAL A 12x30x7 FPM      | 1                | 1                | 1               |
| 3                  |        | 850946   | .1     | ROTARY SEAL                 | 1                | 1                | 1               |
| 4                  |        | 837111   | .1     | PUMP SHAFT                  | 1                | 1                | 1               |
| 5                  |        | 926274   | .1     | WASHER 8.2/12.5/1.5         | 1                | 1                | 1               |
| 6                  |        | 922224   | .1     | IMPELLER                    | 1                | 1                | 1               |
| 7                  |        | 922202   | .1     | WATER PUMP HOUSING          | 1                | 1                | 1               |
| 8                  |        | 922232   | .1     | BENT SOCKET 45 DEGREES      | 3                | 3                | 3               |
| 9                  |        | 922234   | .1     | BENT SOCKET 20 DEGREES      | 1                | 1                | 1               |
| 10                 |        | 230020   | .1     | O-RING 32x2                 | 1                | 1                | 1               |
| 11                 |        | 922218   | .1     | WATER INLET ELEBOW          | 1                | 1                | 1               |
| 12                 |        | 827961   | .1     | WASHER 6.4                  | 6                | 6                | 6               |
| 13                 |        | 241930   | .1     | ALLEN SCREW M6x20           | 2                | 2                | 2               |
| 14                 |        | 850981   | .1     | GASKET                      | 1                | 1                | 1               |
| 15                 |        | 241481   | .1     | ALLEN SCREW M6x90           | 2                | 2                | 2               |
| 16                 |        | 241811   | .1     | ALLEN SCREW M6x35           | 2                | 2                | 2               |
| 17                 |        | 230415   | .1     | SEALING RING A 6x10         | 1                | 1                | 1               |
| 18                 |        | 241813   | .1     | ALLEN SCREW M6x35 STAINLESS | 1                | 1                | 1               |

- Items not illustrated

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Fig. 75-20-00-2

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## ILLUSTRATED PARTS CATALOG

### Chapter) 75-20-00

#### EXPANSION TANK WITH HOSES AND CONNECTIONS

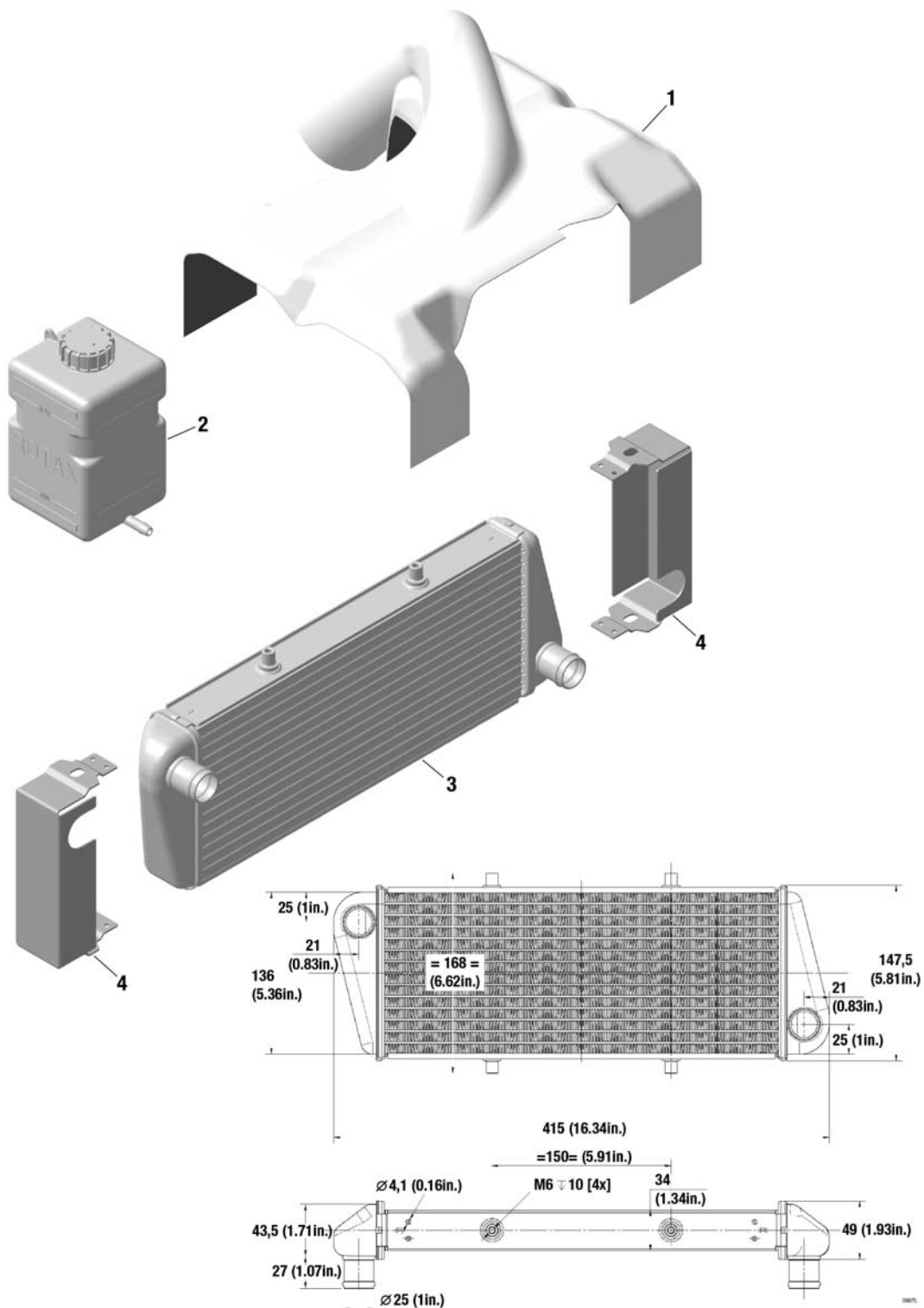
|                    |           |          |        |                                                | Parts per Engine |                  |                 |
|--------------------|-----------|----------|--------|------------------------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS    | PART NO. | INDENT | Description                                    | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 2 1                |           | 950180   | .1     | O-Ring 19-2                                    | 4                | 4                |                 |
| 2                  |           | 922303   | .1     | FLANGE                                         | 4                | 4                |                 |
| 3                  |           | 827961   | .1     | WASHER 6.4                                     | 8                | 8                |                 |
| 4                  |           | 241930   | .1     | ALLEN SCREW M6x20                              | 8                | 8                |                 |
| 5                  |           | 922230   | .1     | BENT SOCKET 80 DEGREES                         | 8                | 8                |                 |
| 6                  |           | 851645   | .1     | SELF COMPENSATING CLAMP 25                     | 16               | 16               |                 |
| 7                  |           | 822420   | .1     | FORM HOSE 1                                    | 1                | 1                |                 |
| 8                  |           | 822430   | .1     | FORM HOSE 2                                    | 1                | 1                |                 |
| 9                  |           | 822440   | .1     | FORM HOSE 3                                    | 1                | 1                |                 |
| 10                 |           | 822445   | .1     | FORM HOSE 4                                    | 1                | 1                |                 |
| 11                 |           | 822450   | .1     | FORM HOSE                                      | 1                | 1                |                 |
| 12                 |           | 951350   | .1     | SELF COMPENSATING CLAMP 35                     | 1                | 1                |                 |
| 13                 |           | 922360   | .1     | WATER TUBE 180 +/-3 MM                         | 2                | 2                |                 |
| 14                 |           | 922362   | .1     | WATER TUBE 280 +/-3 MM                         | 2                | 2                |                 |
| 15                 |           | 965537   | .1     | TEMPERATURE SENSOR                             | 1                | 1                |                 |
| 16-19              |           | 922667   | .1     | EXPANSION TANK ASSY.                           | 1                | 1                |                 |
| 17                 | N<br>n.a. | 922072   | ..2    | RADIATOR CAP WITH GASKET 1.2 bar /<br>17.4 psi | 1                | 1                |                 |
|                    |           | 922070   |        |                                                |                  |                  |                 |
| 18                 |           | 860827   | ..2    | RUBBER PLATE                                   | 1                | 1                |                 |
| 19                 |           | 897506   | ..2    | WARNING LABEL                                  | 2                | 2                |                 |
| 20                 |           | 951490   | .1     | CONNECTOR BRACKET                              | 2                | 2                |                 |
| 21                 |           | 898490   | .1     | WARNING LABEL EVANS COOLANT                    | 1                | 1                |                 |

- Items not illustrated

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## ILLUSTRATED PARTS CATALOG



**Fig. 75-20-00-3**

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**BRP-Rotax**

## ILLUSTRATED PARTS CATALOG

**Chapter) 75-20-00****COOLING AIR BAFFLE, OVERFLOW BOTTLE WITH CAP, RADIATOR**

|                    |        |          |        |                          | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|--------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description              | 912 iS           | 912 iSc<br>sport | 912 iS<br>Sport |
| 3 1                |        | 975795   | .1     | COOLING AIR BAFFLE       | 1a               | 1a               | 1a              |
| 2                  |        | 922327   | .1     | OVERFLOW BOTTLE WITH CAP | 1                | 1                | 1               |
| 3                  |        | 997083   | .1     | RADIATOR                 | 1                | 1                | 1               |
| 4                  |        | 881530   | .1     | RADIATOR RETROFIT KIT    | 1                | 1                | 1               |

- Items not illustrated

a not applicable with vacuum pump

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## ILLUSTRATED PARTS CATALOG

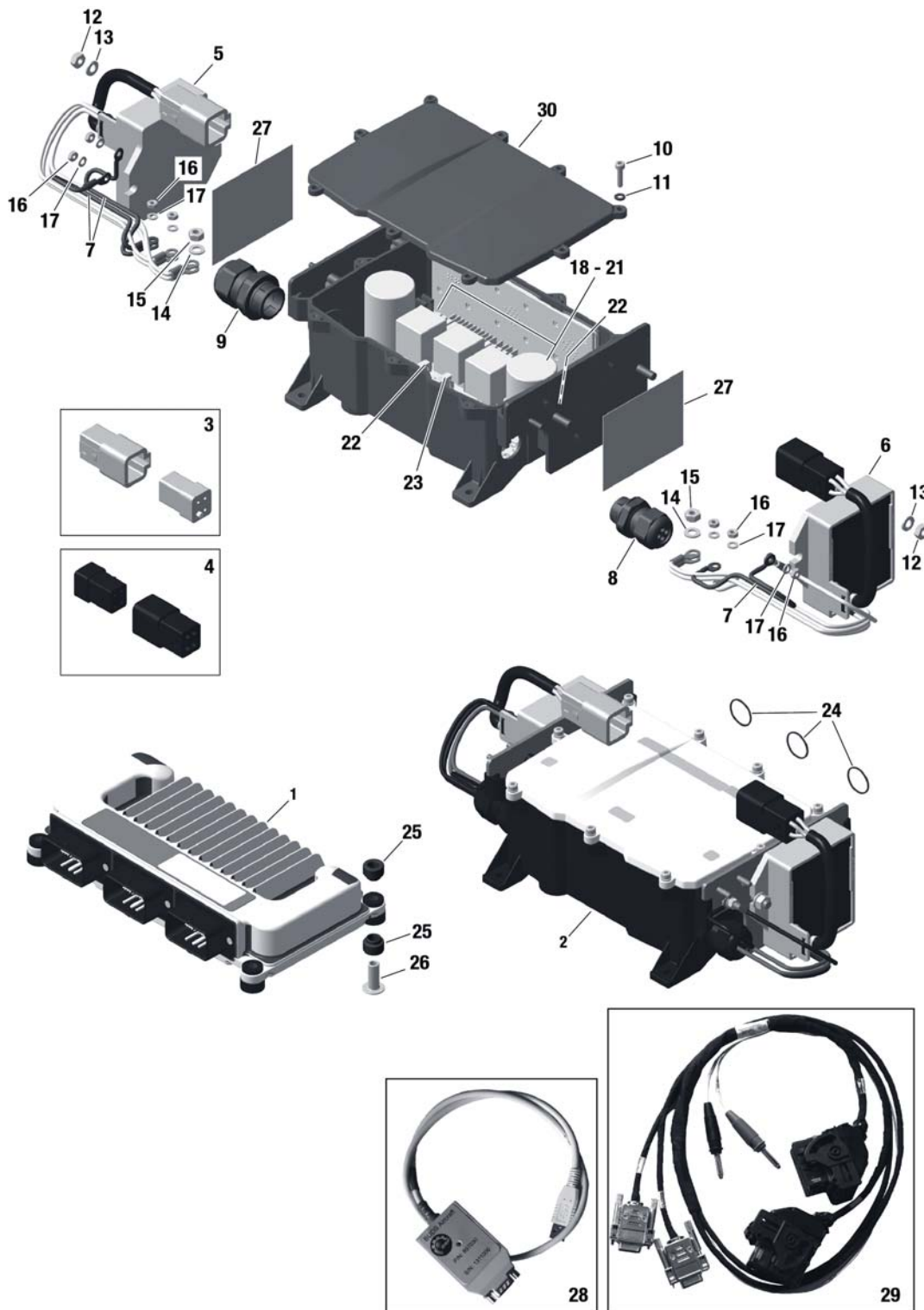


Fig. 76-10-00-1

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## ILLUSTRATED PARTS CATALOG

### Chapter) 76-10-00

#### ENGINE CONTROL UNIT, FUSE BOX REGULATOR

|                    |        |          |        |                                      | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|--------------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                          | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1                | n.a.   | 881250   | .1     | ENGINE CONTROL UNIT ASSY. WRAPPED UP | 1a               | -                | -               |
| 1                  | s.v.   | 881251   | .1     | ENGINE CONTROL UNIT ASSY. WRAPPED UP | 1b               | -                | -               |
| 1                  | N      | 881252   | .1     | ENGINE CONTROL UNIT ASSY. WRAPPED UP | -                | 1c               | 1c              |
| 2                  |        | 881321   | .1     | FUSE BOX WRAPPED UP                  | 1e               | 1e               | 1e              |
| 3                  |        | 866422   | .1     | CONNECTOR SET GREY                   | 1d               | 1d               | 1d              |
| 4                  |        | 866420   | .1     | CONNECTOR SET BLACK                  | 1d               | 1d               | 1d              |
| 5                  |        | 864395   | .1     | REGULATOR B-CONNECTOR GREY           | 1                | 1                | 1               |
| 6                  |        | 864392   | .1     | REGULATOR A-CONNECTOR BLACK          | 1                | 1                | 1               |
| 7                  |        | 866440   | .1     | MASS CABLE ASSY.                     | 3                | 3                | 3               |
| 8                  |        | 201370   | .1     | SKINTOP CLICK 20                     | 1                | 1                | 1               |
| 9                  |        | 201375   | .1     | SKINTOP CLICK 25                     | 1                | 1                | 1               |
| 10                 |        | 840763   | .1     | ALLEN SCREW M4x16                    | 9                | 9                | 9               |
| 11                 |        | 827230   | .1     | PLASTIC WASHER M4                    | 9                | 9                | 9               |
| 12                 |        | 842042   | .1     | LOCK NUT M6                          | 4                | 4                | 4               |
| 13                 |        | 244213   | .1     | WASHER 6.4                           | 4                | 4                | 4               |
| 14                 |        | 927573   | .1     | WASHER 5.3                           | 2                | 2                | 2               |
| 15                 |        | 842033   | .1     | LOCK NUT M5                          | 2                | 2                | 2               |
| 16                 |        | 242538   | .1     | LOCK NUT M4                          | 7                | 7                | 7               |
| 17                 |        | 244078   | .1     | WASHER 4.3                           | 7                | 7                | 7               |
| 18                 |        | 866450   | .1     | MINI FUSE 2A                         | 2                | 2                | 2               |
| 19                 |        | 866452   | .1     | MINI FUSE 5A                         | 10               | 10               | 10              |
| 20                 |        | 866454   | .1     | MINI FUSE 7.5A                       | 2                | 2                | 2               |
| 21                 |        | 866456   | .1     | MINI FUSE 10A                        | 5                | 5                | 5               |

- Items not illustrated

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| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                                                          | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|----------------------------------------------------------------------|------------------|------------------|-----------------|
|                    |        |          |        |                                                                      | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 22                 |        | 866490   | .1     | ATO-FUSE 20A                                                         | 1                | 1                | 1               |
| 23                 |        | 866492   | .1     | ATO-FUSE 35A                                                         | 1                | 1                | 1               |
| 24                 |        | 931110   | .1     | SAILINGRING                                                          | 3                | 3                | 3               |
| 25                 |        | 201460   | .1     | RUBBER SLEEVE                                                        | 8                | 8                | 8               |
| 26                 |        | 947540   | .1     | SPACER                                                               | 4                | 4                | 4               |
| 27                 |        | 282870   | .1     | HEAT TRANSFER PAD                                                    | 2                | 2                | 2               |
| 28                 |        | 864021   | .1     | B.U.D.S SET LEVEL 1<br>Aircraft Viewer<br>for pilots/user            | 1                | 1                | 1               |
| 28                 |        | 864022   | .1     | B.U.D.S SET LEVEL 2<br>Aircraft Service<br>for maintenance personnel | 1                | 1                | 1               |
| 28                 |        | 864023   | .1     | B.U.D.S SET LEVEL 3<br>Aircraft Maintenance<br>for distributors/OEM  | 1                | 1                | 1               |
| 29                 |        | 864280   | .1     | SERVICE WIRING HARNESS ASSY.                                         | 1                | 1                | 1               |
| 30                 |        | 201690   | .1     | COVER                                                                | 1                | 1                | 1               |

- Items not illustrated

- a Engine control unit with software SW 25.  
See SB-912 i-002iS. Only for model 912 iS.
- b Engine control unit with software SW 29.  
See SB-912 i-002iS. Only for model 912 iS.
- c Engine control unit with software SW 130.  
Only for model 912 iS Sport.
- d Connector set consisting of all parts for regulator and stator side
- e With M6 thread at regulator B

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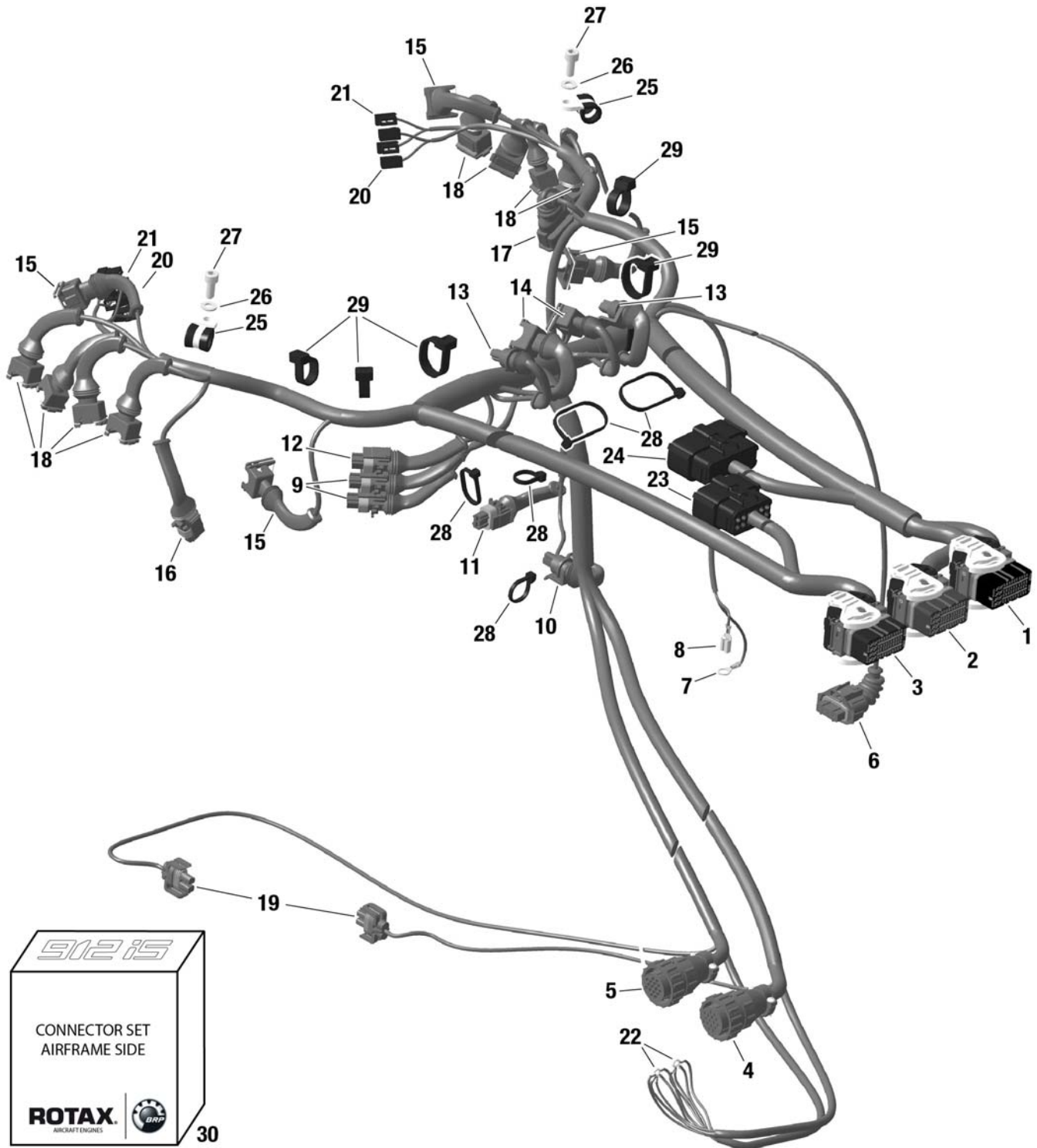


Fig. 76-50-00-1

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**BRP-Rotax**  
ILLUSTRATED PARTS CATALOG

**Chapter) 76-50-00**  
**WIRING HARNESS**

|                 |        |          |        |                                                    | Parts per Engine |               |              |
|-----------------|--------|----------|--------|----------------------------------------------------|------------------|---------------|--------------|
| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description                                        | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 1 1-24          |        | 665571   | ..1    | WIRING HARNESS                                     | 1                | 1             | 1            |
| 1               | n.a.   |          | ..2    | ECU LANE A1 CONNECTOR                              | 1                | 1             | 1            |
| 2               | n.a.   |          | ..2    | ECU LANE A2 CONNECTOR                              | 1                | 1             | 1            |
| 3               | n.a.   |          | ..2    | ECU LANE B CONNECTOR                               | 1                | 1             | 1            |
| 4-5             |        | 881312   | ..2    | CONNECTOR SET FUSE BOX                             | 1                | 1             | 1            |
| 5               |        | xxx      | ..2    | FUSE BOX LANE B CONNECTOR                          | 1                | 1             | 1            |
| 6               |        | 881306   | ..2    | CONNECTOR SET AAPT5                                | 1                | 1             | 1            |
| 7               |        | 964059   | ..2    | CABLE SHOE M6                                      | 1                | 1             | 1            |
| 8               |        | 864011   | ..2    | FASTON CONNECTOR 6.3X0.8                           | 1                | 1             | 1            |
| 9               |        | 881298   | ..2    | CONNECTOR SET CPS                                  | 2                | 2             | 2            |
| 10              |        | 881302   | ..2    | CONNECTOR SET OPS AND MAPS                         | 1                | 1             | 1            |
| 11              |        | 881296   | ..2    | CONNECTOR SET CTS A OTS A KNOCK                    | 1                | 1             | 1            |
| 12              |        | xxx      | ..2    | CONNECTOR SET CTS A OTS A KNOCK<br>See item no. 11 | 1                | 1             | 1            |
| 13              |        | xxx      | ..2    | CONNECTOR SET OPS AND MAPS<br>See item no. 10      | 2                | 2             | 2            |
| 14              |        | 881292   | ..2    | CONNECTOR SET MATS                                 | 2                | 2             | 2            |
| 15              |        | 881290   | ..2    | CONNECTOR SET EGT                                  | 4                | 4             | 4            |
| 16              |        | xxx      | ..2    | CONNECTOR SET CTS A OTS A KNOCK<br>See item no. 11 | 1                | 1             | 1            |
| 17              |        | 881308   | ..2    | CONNECTOR SET TPS                                  | 1                | 1             | 1            |
| 18              |        | 881300   | ..2    | CONNECTOR SET INJ                                  | 8                | 8             | 8            |
| 19              |        | 881304   | ..2    | CONNECTOR SET FUEL PUMP                            | 2                | 2             | 2            |

- Items not illustrated

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| FIG. & ITEM<br>NO. | STATUS | PART<br>NO. | INDENT | Description                   | Parts per Engine |                  |                 |
|--------------------|--------|-------------|--------|-------------------------------|------------------|------------------|-----------------|
|                    |        |             |        |                               | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 20-21              |        | 881310      | ..2    | CONNECTOR SET IGNITION COIL   | 4                | 4                | 4               |
| 21                 |        | xxx         | ..2    | COIL<br>CONNECTOR             | 4                | 4                | 4               |
| 22                 |        | 965700      | ..2    | CABLE SHOE M4                 | 4                | 4                | 4               |
| 23-24              |        | 881294      | ..2    | CONNECTOR SET HIC A AND HIC B | 1                | 1                | 1               |
| 24                 |        | xxx         | ..2    | HIC A CONNECTOR               | 1                | 1                | 1               |
| 25                 |        | 251691      | .1     | CABLE CLAMP 12/M6             | 2                | 2                | 2               |
| 26                 |        | 827961      | .1     | WASHER 6.4 DIN 125            | 2                | 2                | 2               |
| 27                 |        | 840391      | .1     | ALLEN SCREW M6X14             | 2                | 2                | 2               |
| 28                 |        | 866716      | .1     | TIE WRAP 203x7.6 MM           | 6                | 6                | 6               |
| 29                 |        | 866714      | .1     | TIE WRAP 142x3.2 MM           | 6                | 6                | 6               |
| 30                 |        | 881240      | .1     | PARTS KIT 912 iS              | 1                | 1                | 1               |

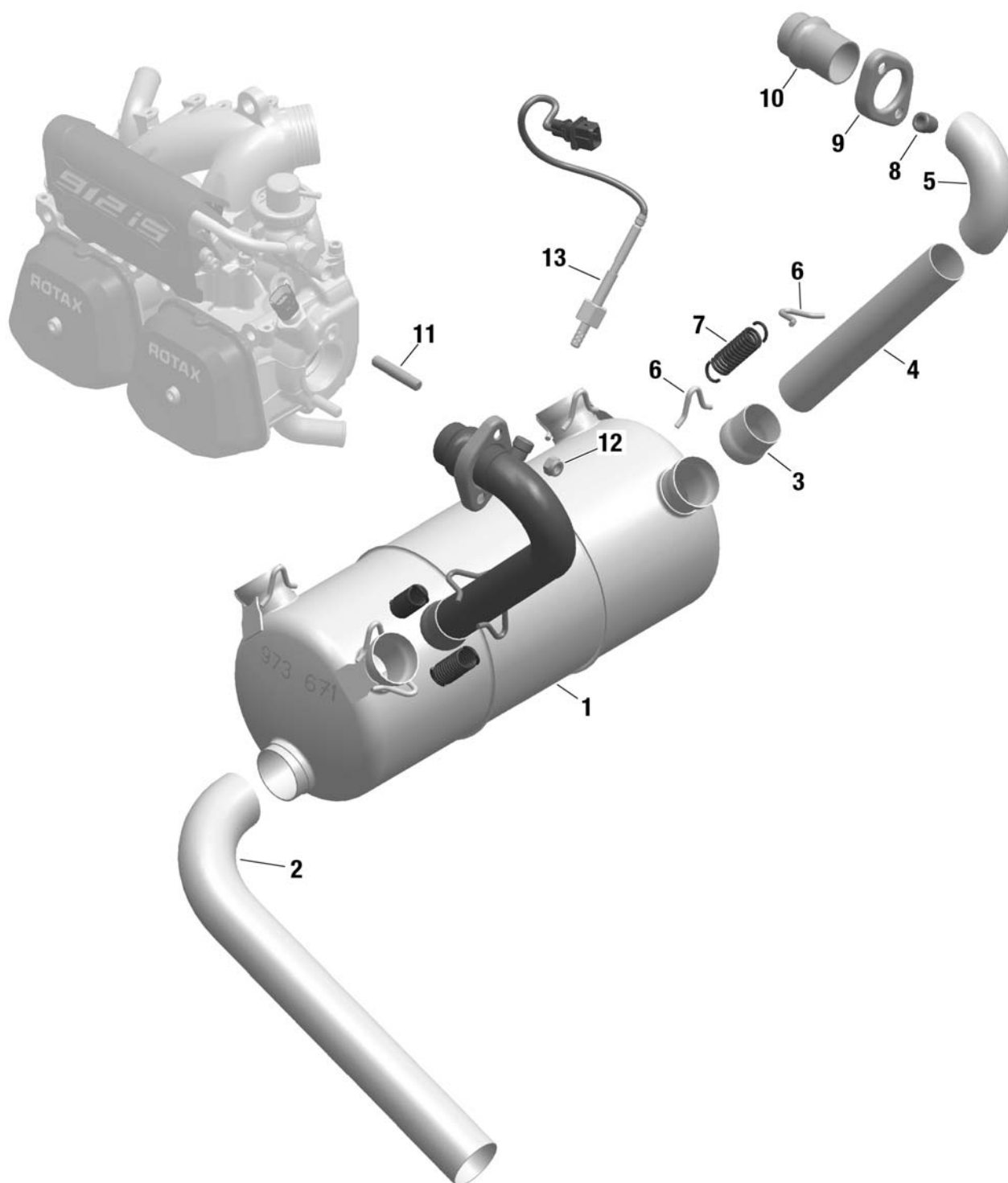
- Items not illustrated

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ILLUSTRATED PARTS CATALOG



**Fig. 78-10-00-1**

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## ILLUSTRATED PARTS CATALOG

### Chapter) 78-10-00

#### EXHAUST SYSTEM, EXHAUST TEMPERATURE SENSOR

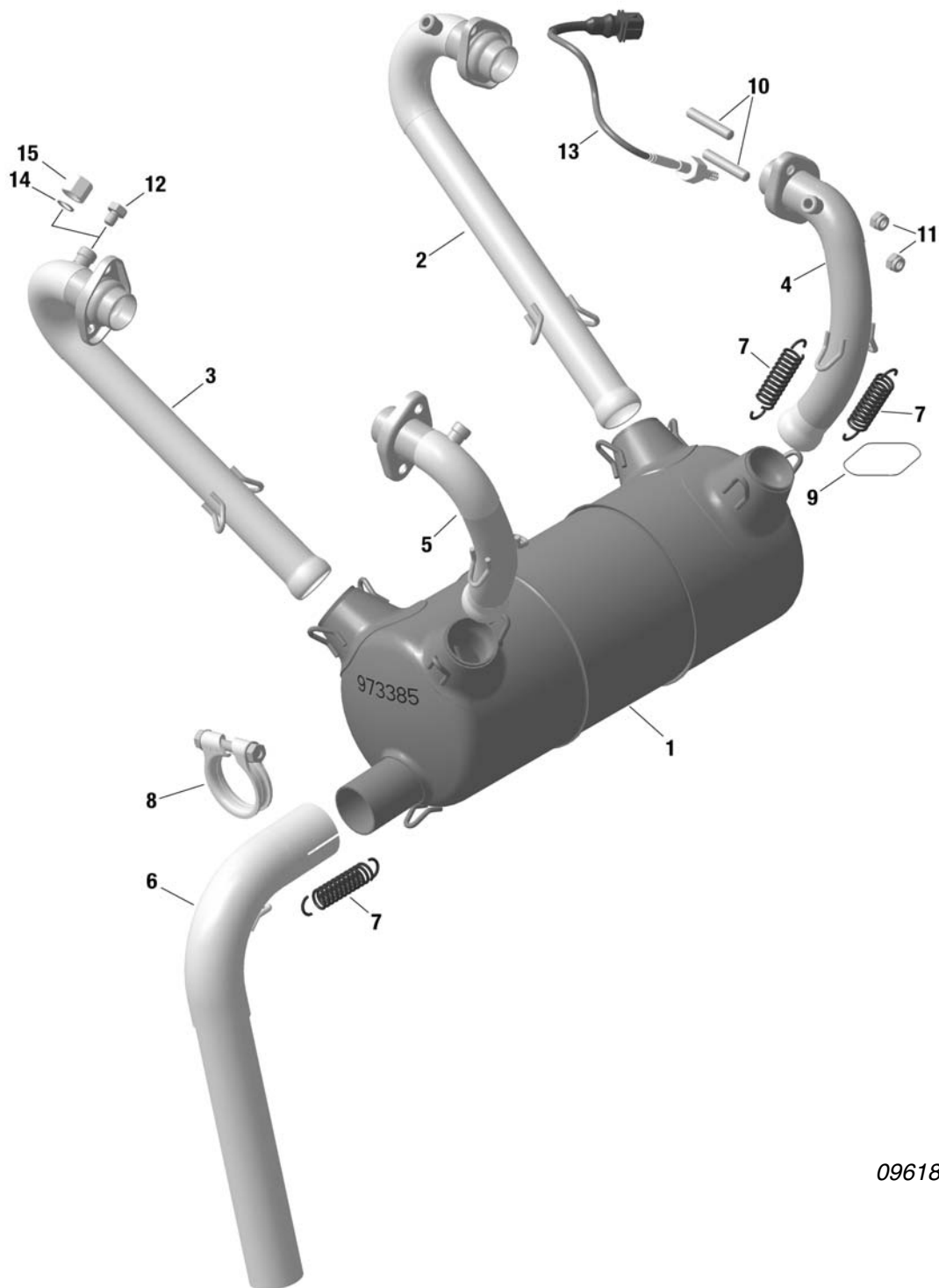
|                    |        |          |        |                                                 | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|-------------------------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                                     | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1-7              |        | 973676   | .1     | EXHAUST SYSTEM                                  | 1b               |                  | 1b              |
| 1                  |        | 973674   | ..2    | MUFFLER ASSY.                                   | 1b               |                  | 1b              |
| 2                  |        | 978601   | ..2    | EXHAUST ELBOW, STAINLESS                        | 1b               |                  | 1b              |
| 3                  |        | 978521   | ..2    | BALL JOINT, MALE STAINLESS                      | 4b               |                  | 4b              |
| 4                  |        | 978998   | ..2    | EXHAUST TUBE 800 MM, STAINLESS                  | 4b               |                  | 4b              |
| 5                  |        | 978496   | ..2    | EXH.ELBOW ASSY. 360 DEGR.STAINL.                | 2ab              |                  | 2ab             |
| 6                  |        | 853356   | ..2    | HOOK                                            | 16b              |                  | 16b             |
| 7                  |        | 938795   | ..2    | SPRING 66 MM                                    | 8b               |                  | 8b              |
| 8                  |        | 951360   | .1     | SENSOR HOLDER                                   | 4b               |                  | 4b              |
| 9                  |        | 978243   | .1     | EXHAUST FLANGE                                  | 4b               |                  | 4b              |
| 10                 |        | 978252   | .1     | EXHAUST SOCKET                                  | 4b               |                  | 4b              |
| 11                 |        | xxx      | .1     | STUD M8x23/20<br>See chap. 78-10-00 page 5      | 8                | 8                | 8               |
| 12                 |        | xxx      | .1     | LOCK NUT M8-SW12<br>See chap. 78-10-00 page 5   | 8                | 8                | 8               |
| 13                 |        | xxx      | .1     | TEMPERATURE SENSOR<br>See chap. 78-10-00 page 5 | 4                | 4                | 4               |

- Items not illustrated

- a 360° circular ring
- b not certified for 912 iSc Sport

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**Fig. 78-10-00-2**

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**Chapter) 78-10-00**  
**EXHAUST SYSTEM (STANDARD)**

| FIG. &<br>ITEM<br>NO. | STATUS | PART NO. | INDENT | Description                        | Parts per Engine |                  |                 |
|-----------------------|--------|----------|--------|------------------------------------|------------------|------------------|-----------------|
|                       |        |          |        |                                    | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 2 1-8                 |        | 973380   | .1     | EXHAUST ASSORTMENT STAINLESS STEEL | 1                | 1                | 1               |
| 1                     |        | 973385   | ..2    | MUFFLER ASSY.                      | 1                | 1                | 1               |
| 2                     |        | 973010   | ..2    | EXHAUST PIPE ASSY. CLY. 1          | 1                | 1                | 1               |
| 3                     |        | 973020   | ..2    | EXHAUST PIPE ASSY. CLY. 2          | 1                | 1                | 1               |
| 4                     |        | 973030   | ..2    | EXHAUST PIPE ASSY. CLY. 3          | 1                | 1                | 1               |
| 5                     |        | 973040   | ..2    | EXHAUST PIPE ASSY. CLY. 4          | 1                | 1                | 1               |
| 6                     |        | 973390   | ..2    | EXHAUST BELOW, STAINLESS           | 1                | 1                | 1               |
| 7                     |        | 938795   | ..2    | SPRING 66 MM                       | 9                | 9                | 9               |
| 8                     |        | 951550   | ..2    | EXHAUST PIPE CLAMP ASSY.           | 1                | 1                | 1               |
| 9                     |        | 297555   | .1     | SAFETY WIRE 0.8                    | AR               | AR               | AR              |
| 10                    |        | 940366   | .1     | STUD M8x23/20                      | 8                | 8                | 8               |
| 11                    |        | 842950   | .1     | LOCK NUT M8-WS12                   | 8                | 8                | 8               |
| 12                    |        | 841113   | .1     | HEX. SCREW M8X1X10                 | 4                | 4                | 4               |
| 13                    |        | 866261   | .1     | TEMPERATURE SENSOR                 | 4                | 4                | 4               |
| 14                    | s.v.   | 230150   | .1     | SEALING RING A 10X14               | 4                | 4                | 4               |
| 15                    | s.v.   | 942273   | .1     | CAP NUT M14X1.5                    | 4                | 4                | 4               |

- Items not illustrated

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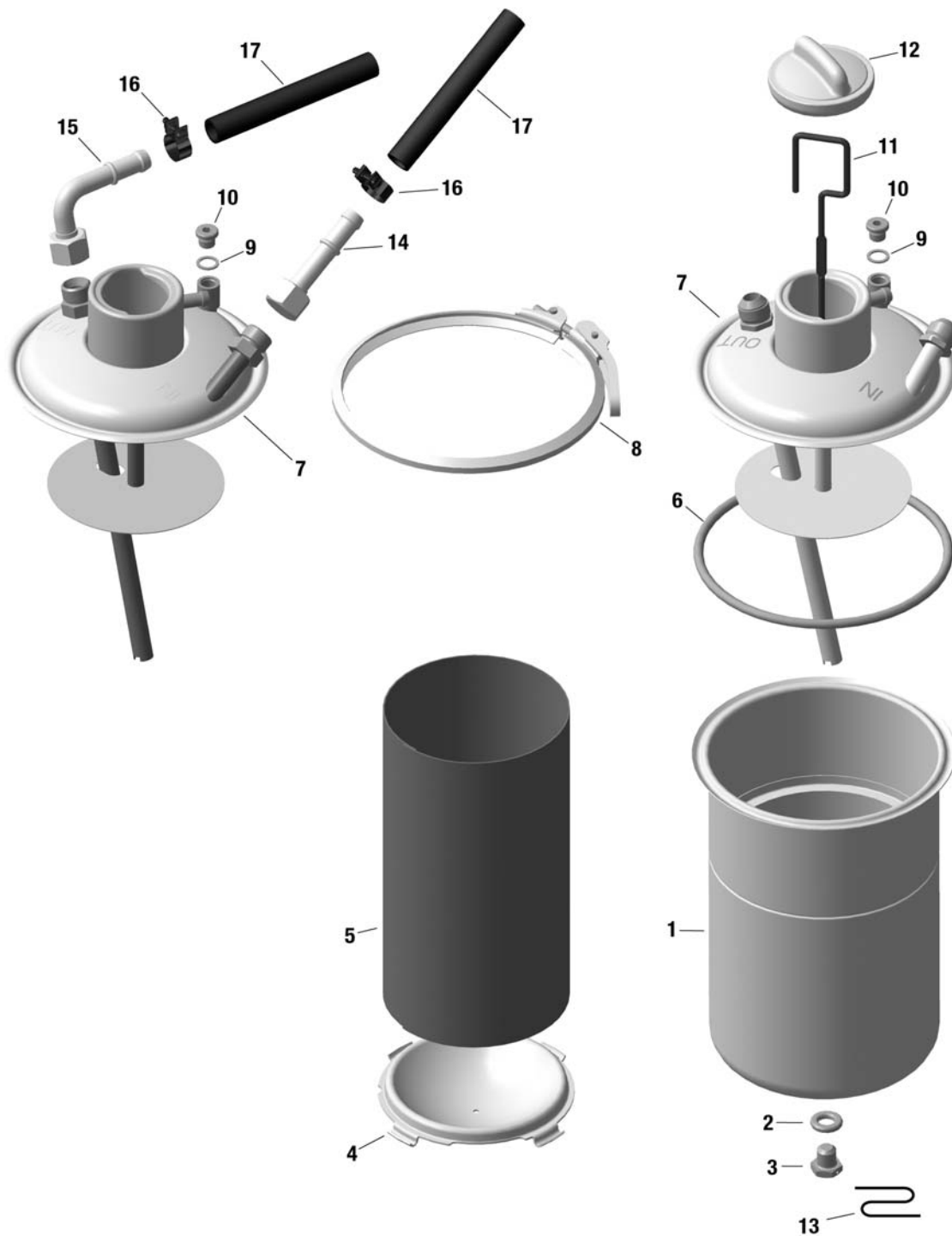


Fig. 79-20-00-1

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**Chapter) 79-20-00**  
**OIL TANK**

|                    |        |          |        |                                   | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|-----------------------------------|------------------|------------------|-----------------|
| FIG. &<br>ITEM NO. | STATUS | PART NO. | INDENT | Description                       | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 1 1-12             |        | 656860   | .1     | OIL TANK ASSY. UNF                | 1a               | 1a               | 1a              |
| 1-12               |        | 656865   | .1     | OIL TANK ASSY. METRIC             | 1b               | 1b               | 1b              |
| 1                  |        | 956426   | ..2    | OIL TANK ASSY. WITH BAFFLE INSERT | 1                | 1                | 1               |
| 2                  |        | 250010   | ..2    | GASKET RING C 12x18               | 1                | 1                | 1               |
| 3                  |        | 241403   | ..2    | HEX. SCREW M12x12                 | 1                | 1                | 1               |
| 4                  |        | 656861   | ..2    | PARTITION 2                       | 1                | 1                | 1               |
| 5                  |        | 956204   | ..2    | BAFFLE INSERT                     | 1                | 1                | 1               |
| 6                  |        | 850491   | ..2    | O-RING 145x6-N, HNBR 70           | 1                | 1                | 1               |
| 7                  |        | n.a      | ..2    | OIL TANK COVER ASSY. UNF          | 1                | 1                | 1               |
| 7                  |        | n.a      | ..2    | OIL TANK COVER ASSY. METRIC       | 1                | 1                | 1               |
| 8                  |        | 951817   | ..2    | PROFILE CLAMP 163                 | 1                | 1                | 1               |
| 9                  |        | 230150   | ..2    | SEALING RING A 10x14              | 1                | 1                | 1               |
| 10                 |        | 641733   | ..2    | PLUG SCREW M10x1                  | 1                | 1                | 1               |
| 11                 |        | 956151   | ..2    | OIL DIPSTICK                      | 1                | 1                | 1               |
| 12                 |        | 974647   | ..2    | OIL TANK COVER, WITHOUT VENTING   | 1                | 1                | 1               |
| 13                 |        | 297555   | .1     | SAFETY WIRE 0.8                   | 1                | 1                | 1               |
| 14                 |        | 956610   | .1     | HOSE NIPPLE WITH UNION NUT        | ARb              | ARb              | ARb             |
| 15                 |        | 956580   | .1     | BENT SOCKET                       | ARb              | ARb              | ARb             |
| 16                 |        | 853725   | .1     | CLAMP SP 17/9                     | 4                | 4                | 4               |
| 17                 |        | 956390   | .1     | OIL TUBE OLNS 1 12x19             | AR               | AR               | AR              |

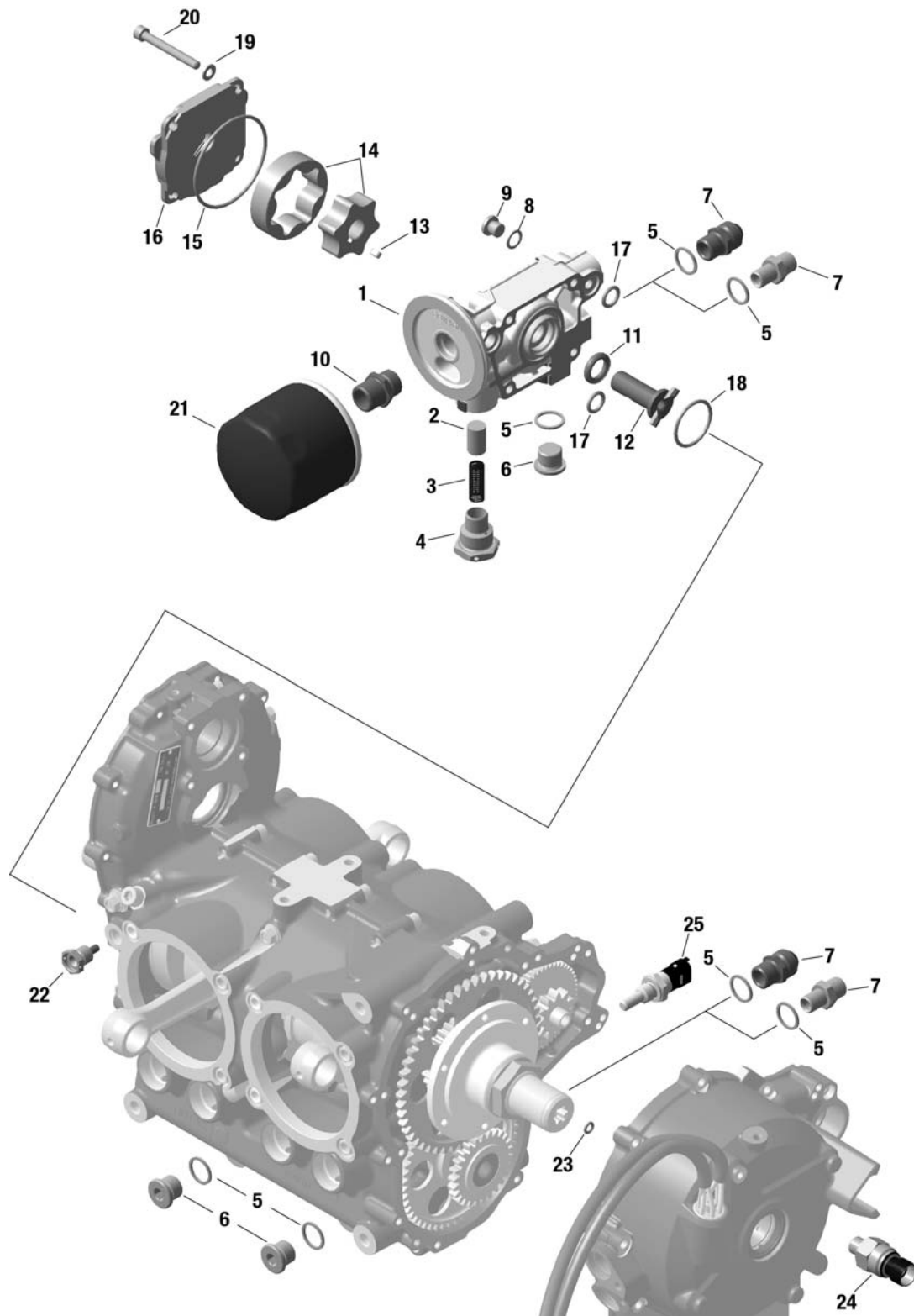
- Items not illustrated

- a UNF thread size 3/4" - 16 UNF
- b metric thread M18 x 1.5 mm

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## ILLUSTRATED PARTS CATALOG



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Fig. 79-20-00-2

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# BRP-Rotax

## ILLUSTRATED PARTS CATALOG

### Chapter) 79-20-00

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

|                 |           |                  |        |                                | Parts per Engine |               |              |
|-----------------|-----------|------------------|--------|--------------------------------|------------------|---------------|--------------|
| FIG. & ITEM NO. | STATUS    | PART NO.         | INDENT | Description                    | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 2 1             |           | 811460           | .1     | OIL PUMPE HOUSING              | 1                | 1             | 1            |
| 2               |           | 856330           | .1     | REGULATING PISTON              | 1                | 1             | 1            |
| 3               |           | 838125           | .1     | COMPRESSION SPRING L65.6       | 1                | 1             | 1            |
| 4               |           | 640850           | .1     | PLUG SCREW M 22x1.5            | 1                | 1             | 1            |
| 5               |           | 430622           | .1     | SEALING RING A16x22            | 5                | 5             | 5            |
| 6               |           | 240234           | .1     | PLUG SCREW M16x1.5             | 3                | 3             | 3            |
| 7               |           | 956655           | .1     | ADAPTER M18x1.5 / M16x1.5      | 2                | 2             | 2            |
| 7               |           | 956652           | .1     | ADAPTER 3/4-16 UNF / M16x1.5   | 2                | 2             | 2            |
| 8               |           | 230150           | .1     | SEALING RING A 10x14           | 1                | 1             | 1            |
| 9               |           | 641733           | .1     | PLUG SCREW M10x1               | 1                | 1             | 1            |
| 10              |           | 924424           | .1     | OIL FILTER NIPPLE              | 1                | 1             | 1            |
| 11              |           | 430102           | .1     | OIL SEAL A 14x22x4 FPM         | 1                | 1             | 1            |
| 12              |           | 837292           | .1     | OIL PUMP SHAFT                 | 1                | 1             | 1            |
| 13              |           | 246580           | .1     | KEY A 4x4x8                    | 1                | 1             | 1            |
| 14              |           | 888821           | .1     | PRESSURE INNER AND OUTER ROTOR | 1                | 1             | 1            |
| 15              |           | 830372           | .1     | O-RING 63-2.5                  | 1                | 1             | 1            |
| 16              |           | 911713           | .1     | OIL PUMP COVER                 | 1                | 1             | 1            |
| 17              |           | 250460           | .1     | O-RING 11-2.7                  | 2                | 2             | 2            |
| 18              |           | 950410           | .1     | O-RING 30-2.5                  | 1                | 1             | 1            |
| 19              |           | 827961           | .1     | WASHER 6.4                     | 4                | 4             | 4            |
| 20              |           | 241761           | .1     | ALLEN SCREW M6x50              | 4                | 4             | 4            |
| 21              | N<br>s.v. | 825016<br>825012 | .1     | OIL FILTER                     | 1                | 1             | 1            |
| 22              |           | 241785           | .1     | MAGNETIC DRAIN PLUG M12x1.5    | 1                | 1             | 1            |

- Items not illustrated

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| FIG. & ITEM<br>NO. | STATUS | PART NO. | INDENT | Description                                | Parts per Engine |                  |                 |
|--------------------|--------|----------|--------|--------------------------------------------|------------------|------------------|-----------------|
|                    |        |          |        |                                            | 912 iS           | 912 iSc<br>Sport | 912 iS<br>Sport |
| 23                 |        | xxx      | .1     | O-RING 5x2-N, FPM 75<br>See chap. 24-20-00 | 1                | 1                | 1               |
| 24                 |        | 664365   | .1     | PRESSURE SENSOR 10                         | 1                | 1                | 1               |
| 25                 |        | 965537   | .1     | TEMPERATURE SENSOR                         | 1                | 1                | 1               |

- Items not illustrated

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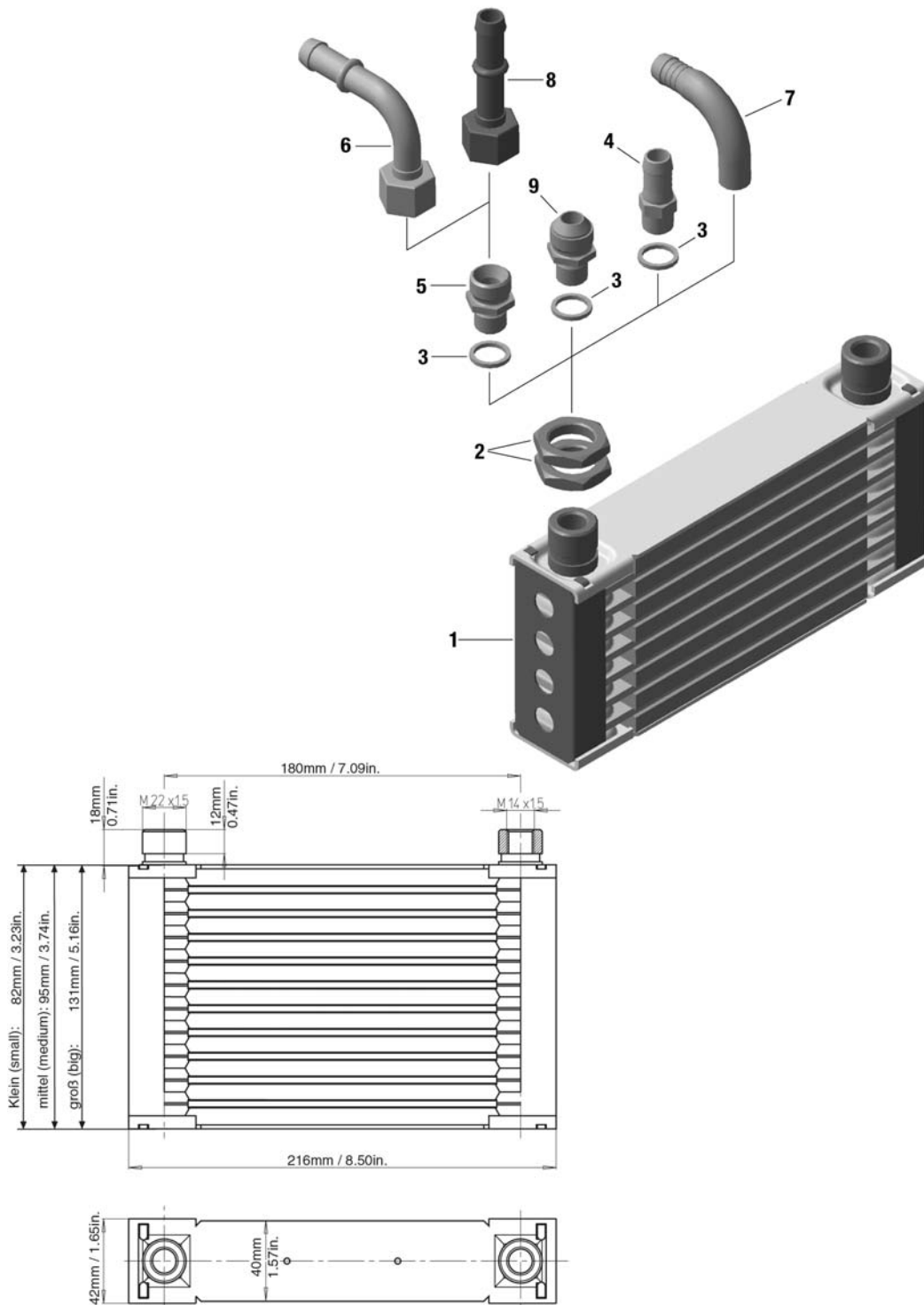
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## ILLUSTRATED PARTS CATALOG



**Fig. 79-20-00-3**

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**Chapter) 79-20-00**  
**OIL RADIATOR**

|                                          |           |                       |                  |                               | Teile pro Motortype<br>/Parts per Engine |                  |                 |
|------------------------------------------|-----------|-----------------------|------------------|-------------------------------|------------------------------------------|------------------|-----------------|
| BILD &<br>POS. NR.<br>FIG. &<br>ITEM NO. | STATUS    | TEILE NR.<br>PART NO. | EINZUG<br>INDENT | Beschreibung/Description      | 912 iS                                   | 912 iSc<br>Sport | 912 iS<br>Sport |
| 3 1-4                                    |           | 886032                | .1               | OIL RADIATOR SET              | (1a)                                     | (1a)             | (1a)            |
| 1-4                                      |           | 886033                | .1               | OIL RADIATOR SET              | (1b)                                     | (1b)             | (1b)            |
| 1-4                                      |           | 886034                | .1               | OIL RADIATOR SET              | (1c)                                     | (1c)             | (1c)            |
| 1-3,9                                    |           | 886036                | .1               | OIL RADIATOR SET UNF          | (1cd)                                    | (1cd)            | (1cd)           |
| 1                                        | N<br>n.a. | 886000<br>886022      | .1               | OIL RADIATOR                  | (1a)                                     | (1a)             | (1a)            |
| 1                                        | N<br>n.a. | 886002<br>886023      | .1               | OIL RADIATOR                  | (1b)                                     | (1b)             | (1b)            |
| 1                                        | N<br>n.a. | 886004<br>886024      | .1               | OIL RADIATOR                  | (1c)                                     | (1c)             | (1c)            |
| 2                                        |           | 242879                | .1               | HEX NUT M22x1.5               | (4)                                      | (4)              | (4)             |
| 2,3,9                                    |           | 956645                | .1               | SCREW CONNECTION SET UNF      | (1)                                      | (1)              | (1)             |
| 3,5,8                                    |           | 956615                | .1               | SCREW CONNECTION SET STRAIGHT | (1)                                      | (1)              | (1)             |
| 3,5,6                                    |           | 956585                | .1               | SCREW CONNECTION SET BENT     | (1)                                      | (1)              | (1)             |
| 3                                        |           | 230387                | .1               | GASKET RING 14.2/18/2         | (2)                                      | (2)              | (2)             |
| 4                                        |           | 840461                | .1               | NIPPLE 13.2/9.5-M14x1.5       | (2)                                      | (2)              | (2)             |
| 5                                        |           | 956577                | .1               | ADAPTER M18x1.5/M14x1.5       | (2)                                      | (2)              | (2)             |
| 6                                        |           | 956580                | .1               | BENT SOCKET ASSY.             | (2)                                      | (2)              | (2)             |
| 7                                        |           | 924585                | .1               | ANGULAR TUBE M14x1.5          | (2)                                      | (2)              | (2)             |
| 8                                        |           | 956610                | .1               | HOSE NIPPLE WITH UNION NUT    | (2)                                      | (2)              | (2)             |
| 9                                        |           | 956643                | .1               | ADAPTER 3/4-16 UNF/M14x1.5    | (2)                                      | (2)              | (2)             |

- Items not illustrated

- a Small. Cooling area 125 cm<sup>2</sup>/19.38 sq in
- b Middle. Cooling area 142 cm<sup>2</sup>/22 sq in
- c Big. Cooling area 234 cm<sup>2</sup>/36.27 sq in
- d Connection UNF

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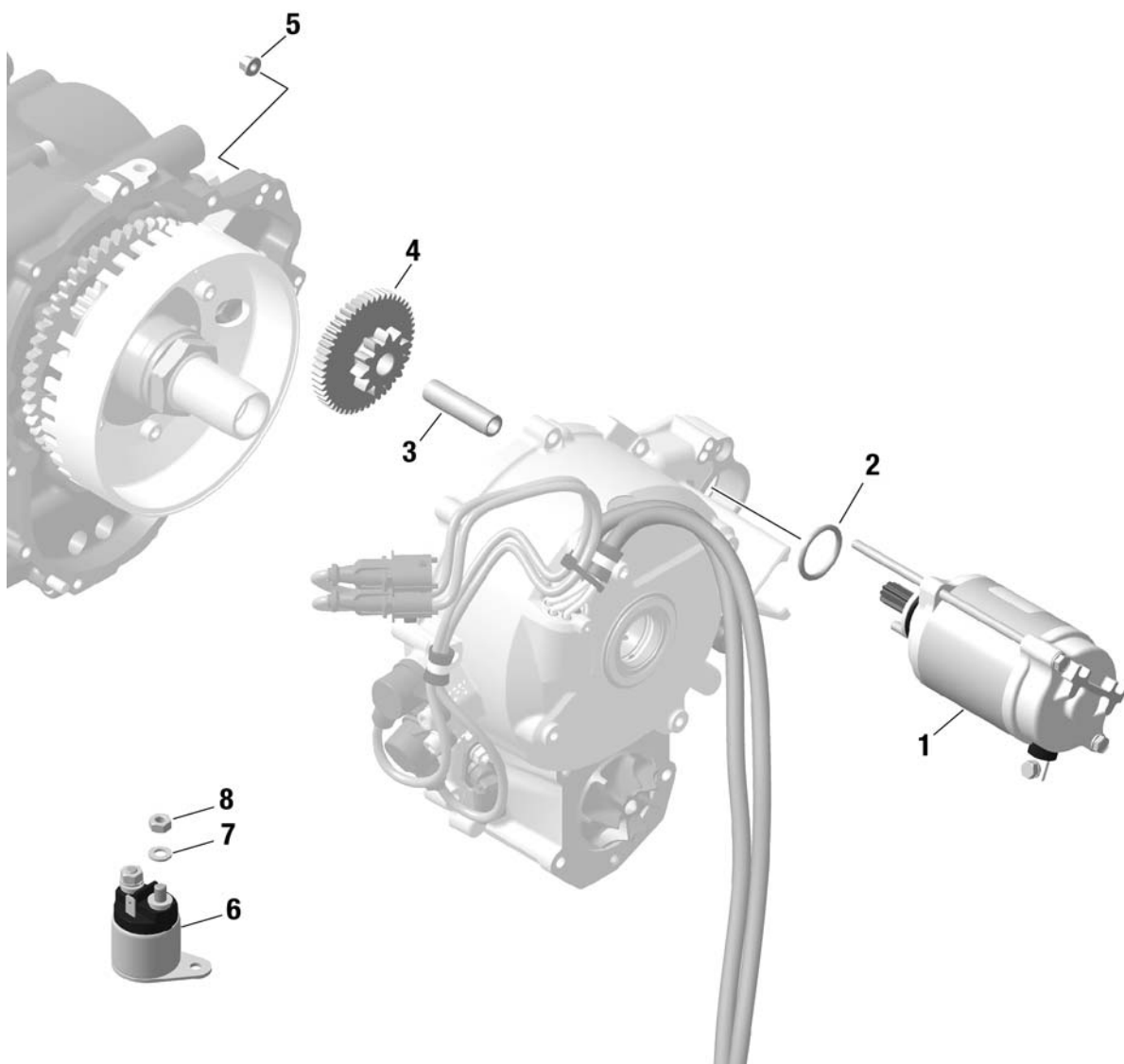
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**Fig. 80-10-00-1**

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**Chapter) 80-10-00**  
**ELECTRIC STARTER, STARTER RELAY**

|                 |        |          |        |                        | Parts per Engine |               |              |
|-----------------|--------|----------|--------|------------------------|------------------|---------------|--------------|
| FIG. & ITEM NO. | STATUS | PART NO. | INDENT | Description            | 912 iS           | 912 iSc Sport | 912 iS Sport |
| 1 1-2           |        | 685667   | .1     | ELECTRIC STARTER ASSY. | 1                | 1             | 1            |
| 2               |        | 250140   | ..2    | O-RING 24.4x3.1        | 1                | 1             | 1            |
| 3               |        | 837102   | .1     | IDLE GEAR SHAFT        | 1                | 1             | 1            |
| 4               |        | 834156   | .1     | IDLE GEAR 50/11 T      | 1                | 1             | 1            |
| 5               |        | 942311   | .1     | HEX. NUT M5            | 2                | 2             | 2            |
| 6-8             |        | 992818   | .1     | STARTER RELAY ASSY.    | 1                | 1             | 1            |
| 7               |        | 945751   | .1     | LOCK WASHER A6         | 2                | 2             | 2            |
| 8               |        | 242211   | .1     | HEX. NUT M6            | 2                | 2             | 2            |

- Items not illustrated

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\_\_\_\_\_  
Engine serial no.

\_\_\_\_\_  
Type of aircraft

\_\_\_\_\_  
Aircraft registration no.

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