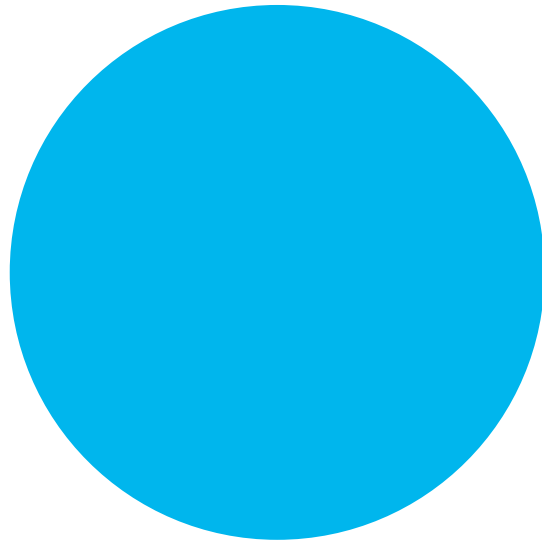




Subsea Inertial Products

Illustrated Part Catalog

Revision History

Edition	Date	Comments
A	07/2013	Creation.
B	08/2014	SEACON cables updated.
C	12/2015	Updated with new style guide. Figure 2 and tables updated.
D	05/2016	Screws reference updated.
E	07/2019	Phins Compact C3, Phins Compact C7 and Octans Nano added. DVL kits updated.
F	02/2020	Phins Compact C5 added.
G	03/2022	Octans Nano updated

Copyright

All rights reserved. No part of this manual may be reproduced or transmitted, in any form or by any means, whether electronic, printed manual or otherwise, including but not limited to photocopying, recording or information storage and retrieval systems, for any purpose without prior written permission of iXblue.

Disclaimer

iXblue specifically disclaims all warranties, either expressed or implied, including but not limited to implied warranties about merchantability and fitness for a particular purpose with respect to this product and documentation. iXblue reserves the right to revise or to make changes or improvements to this product or documentation at any time without notify any person of such revision or improvements.

In no event shall iXblue be liable for any consequential or incidental damages, including but not limited to loss of business profits or any commercial damages, arising out of the use of this product.

Table of Contents

1	INTRODUCTION.....	6
1.1	GENERAL	6
1.2	HOW TO USE DETAILED PARTS LIST	6
1.2.1	Figure	7
1.2.2	Item.....	7
1.2.3	Part Number.....	8
1.2.4	Nomenclature.....	8
1.2.5	Usage Code	9
1.2.6	Units Per Assembly	9
1.3	TERMS AND ABBREVIATIONS USED	10
1.4	UPDATING	10
2	DETAILED PART LIST.....	11
2.1	PHINS COMPACT C3.....	11
2.2	PHINS COMPACT C5.....	13
2.3	PHINS COMPACT C7.....	15
2.4	PHINS SUBSEA, ROVINS, ROVINS NANO & OCTANS SUBSEA	17
2.5	KIT DVL NORTEK FOR PHINS SUBSEA (ROUND PLATE)	21
2.6	KIT DVL PIONEER 6000 M FOR PHINS SUBSEA (ROUND PLATE)	23
2.7	KIT DVL WORKHOUSE FOR PHINS SUBSEA (ROUND PLATE)	25
2.8	KIT DVL WORKHOUSE FOR ROVINS (ROUND PLATE).....	27
2.9	KIT DVL NORTEK FOR ROVINS (SQUARE PLATE)	29
2.10	KIT DVL PIONEER 6000 M FOR ROVINS (SQUARE PLATE)	31
2.11	KIT DVL NORTEK FOR ROVINS NANO (SQUARE PLATE)	33
2.12	KIT DVL PIONEER 6000 M FOR ROVINS NANO (SQUARE PLATE)	35
2.13	OCTANS NANO.....	37
3	ALPHANUMERICAL INDEX.....	39

1 Introduction

1.1 General

The Illustrated Parts Catalog (IPC) is intended to identify all the components of the following subsea products: Phins Subsea, Rovins, Rovins Nano, Octans Subsea, Octans Nano, Phins Compact C3, Phins Compact C5 and Phins Compact C7.

The Illustrated Parts Catalog contains the following sections:

- Introduction
- Detailed Parts List
- Alphanumerical Index (of Manufacturer Part Numbers)

The Detailed Parts List is used to identify parts and their relationship to each other. It contains one or more figures depending on complexity or variant assemblies, with exploded views as necessary to show detail parts.

1.2 How to Use Detailed Parts List

It is possible to find a part with known Part Number (PN):

- Refer to the alphanumerical index and find the PN (cf §III)
- Read across to the related figure and Item numbers
- Refer to the Figure in the detailed parts list
- Find the item number on the illustration

For more data about the item refer to the parts list related to the illustration. If more than one Figure is given for the part in the alphanumerical index, find the first Figure which shows the part.

To find a part number from a known assembly number:

- Find the illustration that shows the breakdown of the assembly
- Find the part and make a note of the item number
- Look in the parts list related to the illustration for the item number. This also gives you the description and the part number.

The Detailed Parts List includes the nomenclature and illustrations of the unit components.

The Detailed Parts List columns are arranged as follows (Table 1):

- 1st column: Fig. Item – (Figure and Item number)
- 2nd column: Part Number (manufacturer part number)
- 3rd column: Nomenclature
- 4th column: Usage Code (Effectivity)
- 5th column: Units per Assy (Quantity per Next Higher Assembly)

Table 1 - Detailed parts list (Example)

FIG.	ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234		
1	001A	PN_1	• ASSEMBLY 1 SEE Figure 2 –001 FOR DET		1
	001B	PN_2	• ASSEMBLY 2 SEE Figure 3 –001 FOR DET		1
	001C	PN_3	• ASSEMBLY 3 SEE Figure 4 –001 FOR DET		1
2	001A	PN_1	ASSEMBLY 1 SEE Figure 1 –001A FOR NHA		RF
	010	PN_4	• SUB-ASSEMBLY 1 SUPSDS 6003103		1
	020A	PN_5	• SUB-ASSEMBLY 2	1A	1
	020B	PN_6	• SUB-ASSEMBLY 3	1BC	1
			ATTACHING PARTS		
	030	PN_7	• SCREW CHC M6x20		6

	040	PN_8	••SUB-SUB-ASSEMBLY 1	1BC	1
	050	PN_9	•• SUB-SUB-ASSEMBLY 2		1
	–070	PN_10	••• SEALS_1 NP		5

Following, details on the content of each column:

1.2.1 FIGURE

The number indicated on the first line at the top of each page refers the number of the figure covering items listed in the table.

1.2.2 ITEM

Each part-numbered assembly, sub-assembly or item listed in the parts list is assigned an item number.

Assemblies, sub-assemblies and parts listed, but not illustrated, are identified by a dash (–) preceding the corresponding item numbers.

Letters like A, B or C are sometimes added at the end of the assembly item number and means that the item is available in several configuration.

1.2.3 PART NUMBER

Each of the assemblies, sub-assemblies and detail parts, illustrated or not, is assigned a manufacturer's part number. This part number (PN) is to be recalled in any communication or purchase order.

1.2.4 NOMENCLATURE

- The nomenclature gives the part designation.
- It is indented to show the relationship between the parts listed, as follows:

1	2	3	4	
Assembly				
				• Detail parts for assembly
				• Sub-assembly
				• Attaching parts and/or storage parts for sub-assembly
* * *				
				•• Detail parts for sub-assembly
				•• Sub-sub-assembly
				•• Attaching parts and/or storage parts for sub-sub-assembly
* * *				
				••• Detail parts for sub-sub-assembly
Etc.				

- The abbreviation "NP" (Not Procurable) is indicated in the right part of the Nomenclature column when the part is not supplied by iXBlue.
- SUPSDS, SUPSD BY:
 - > SUPSDS is the abbreviation of Supersedes. This means that the item supersedes the part number next to this abbreviation.
 - > SUPSD BY is the abbreviation of Superseded by. This means that the item is superseded by the part number next to this abbreviation.
- Part number is the manufactured part number or the standard part number when applied.
- "FOR DET" gives the figure number which shows the detailed parts of the next level.

1.2.5 USAGE CODE

An alphanumeric usage code indicates the applicability of sub-assemblies and detail parts to the next higher assembly(ies) or sub-assembly(ies). For example in the table below, when 1A is referred to in the usage code of the Sub-assembly 2 it means that this sub-assembly is compatible with Assembly 1 and Assembly 1 only. Sub-assembly 3 is compatible with both Assembly 2 and 3 when Sub-assembly 1 is compatible with any of the three assemblies.

When the applicability is general the "Usage Code" column is left blank.

The usage code corresponds to the figure/item number of the next higher assembly(ies) or sub-assembly(ies). e.g.:

FIG.	ITEM	PART NUMBER	NOMENCLATURE 1234	USAGE CODE	UNITS PER ASSY
1	001A	PN_1	• ASSEMBLY 1 SEE Figure 2 –001 FOR DET		1
	001B	PN_2	• ASSEMBLY 2 SEE Figure 3 –001 FOR DET		1
	001C	PN_3	• ASSEMBLY 3 SEE Figure 4 –001 FOR DET		1
2	001A	PN_1	ASSEMBLY 1 SEE Figure 1 –001A FOR NHA		RF
	010	PN_4	• SUB-ASSEMBLY 1 SUPSDS 6003103		1
	020A	PN_5	• SUB-ASSEMBLY 2	1A	1
	020B	PN_6	• SUB-ASSEMBLY 3	1B 1C	1

1.2.6 UNITS PER ASSEMBLY

The Units per Assy column shows the number of units required for the next higher assembly.

In some cases this information is replaced by the letters RF (Reference) or AR (As Required).

1.3 Terms and Abbreviations Used

AR	As required
ASSY	Assembly
ATTACHING PARTS	
DELETED	
DET	Detail
LH	Left
MADE BY	
MADE FROM	
MATCHED PART	
MODIFIED FROM	
NHA	Next Higher Assembly
NP	Not Procurable
OLD PN	Old part number
OPT TO	Optional parts
OVERSIZE	Oversize repair parts
R	Modified
RF	For Reference
RH	Right
SAME AS	
SEE	
SEL FROM	Select from parts
STORAGE PARTS	
SUPSD BY	Superseded by
SUPSDS	Supersedes
UNDERSIZE	Undersize repair parts

1.4 Updating

When an item is revised, added or deleted, the letter "R" is shown in the RH margin (the page date of issue changes).

The letter "R" appears in the RH margin opposite the page number when any item number is changed.

2 Detailed Part List

2.1 Phins Compact C3

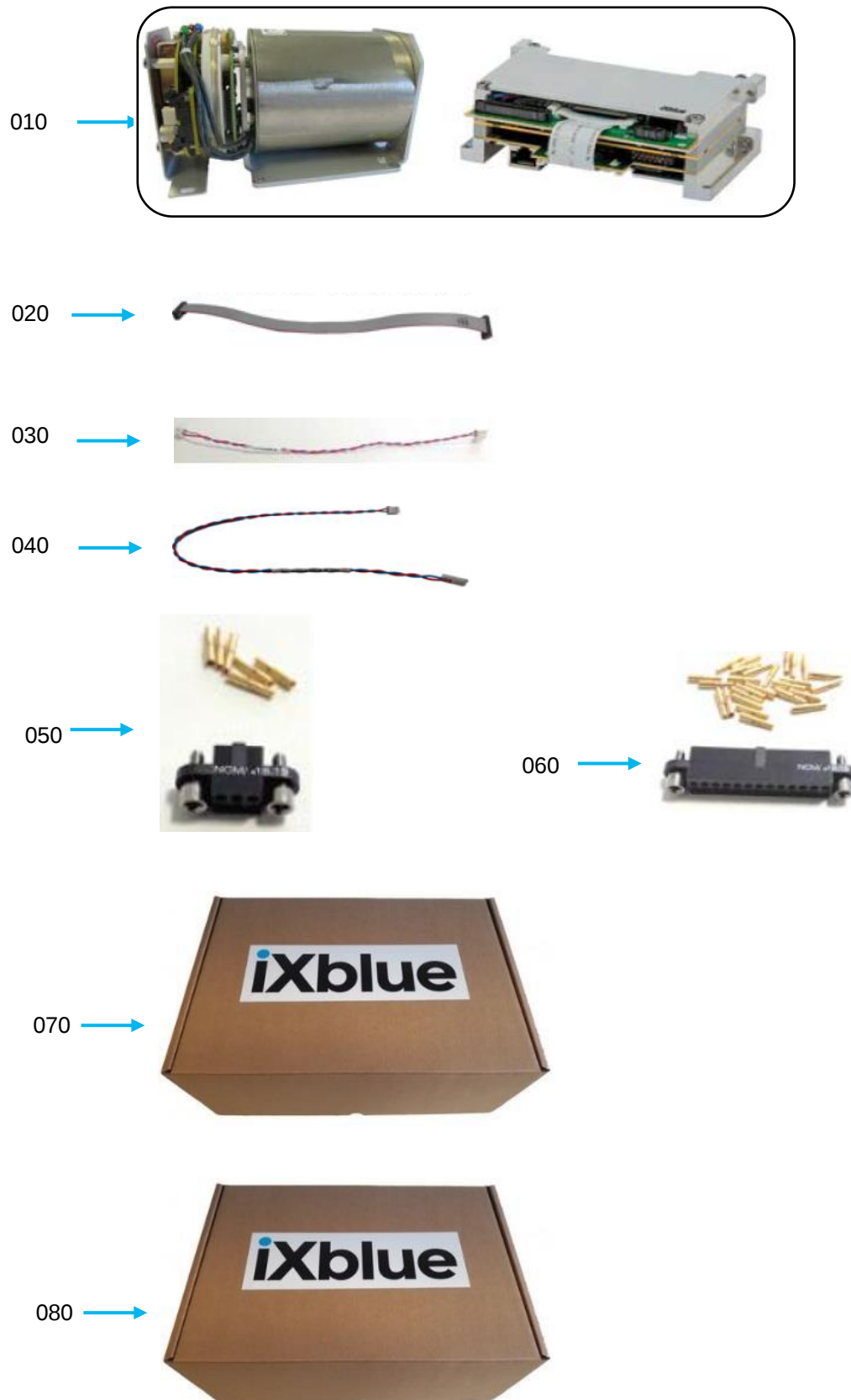


Figure 1 – Phins Compact C3

FIG.	ITEM	PART NUMBER	NOMENCLATURE 1234	USAGE CODE	UNITS PER ASSY
1	010	PAA00923	PHINS COMPACT C3		1
	020	SCA00062	FOG DSP QUADRANS RIBBON CABLE		1
	030	SCA00260	IMU50 POWER SUPPLY CABLE		1
	040	SCA00420	INS 50 OEM POWER SUPPLY INTERFACE CABLE		1
	050	CCS02035	SACHET IND. CONNECTEUR M16 6PTS		1
	060	CCS02037	SACHET IND. CONNECTEUR M16 26PTS		1
	070	DCE00005	BOX FEFCO427		1
	080	DCE00021	BOX 500 x 400 x 300MM		1
	-090	DCE00001	WHITE CARDBOARD BOX		1

2.2 Phins Compact C5



Figure 2 – Phins Compact C5

FIG.	ITEM	PART NUMBER	NOMENCLATURE 1234	USAGE CODE	UNITS PER ASSY
2	010	PAA00202	PHINS COMPACT C5		1
	020	SEL00006	POWER SUPPLY CONVERTER 220VAC TO 24 V DC BNC FEMALE 1.5M		1
	-030A	FCO00002	CABLE - 220V - 2.5M – AUSTRALIA		1
	-030B	FCO00003	CABLE - 220V - 2.5M - EU		1
	-030C	FCO00004	CABLE - 220V - 2.5M - DANEMARK		1
	-030D	FCO00005	CABLE - 220V - 2.5M - UK		1
	-030E	FCO00006	CABLE - 220V - 2.5M - CANADA		1
	040	SCA00141	SETUP CABLE 21 PINS μ SUB-D		1
	050	CCS01592	PIGTAIL MALE 15 PINS μ SUB-D		1
	060	SCA00144	PIGTAIL MALE 21 PINS μ SUB-D		1
	070	CCS01591	PIGTAIL MALE 31 PINS μ SUB-D		1
	-080	DCV00083	FLIGHT CASE – RUGGED – PHINS COMPACT C5		1

2.3 Phins Compact C7

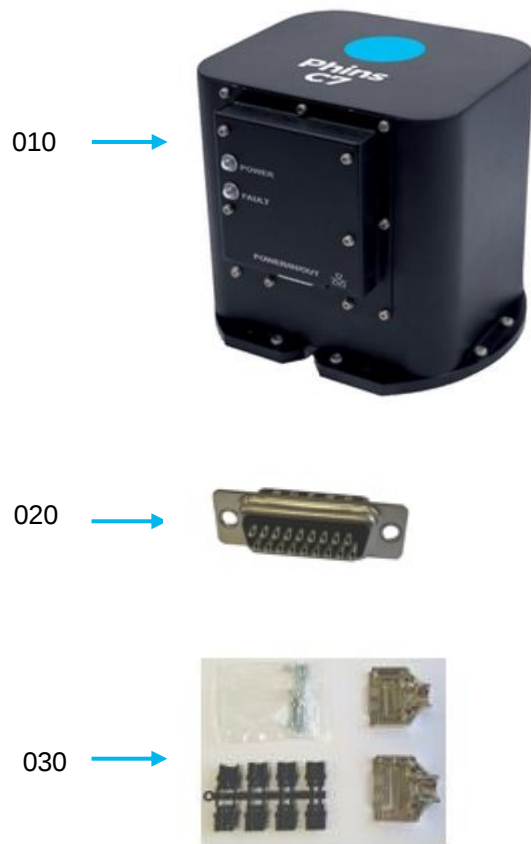


Figure 3 – Phins Compact C7

FIG.	ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234		
3	010	PAA00919	PHINS COMPACT C7		1
	020	CCS01810	SUBD RIGHT HD26 CONNECTOR		1
	030	CAS00501	SUBD RIGHT HD26 COVER		1
	-040	DCE00001	WHITE CARDBOARD BOX		1

2.4 Phins Subsea, Rovins, Rovins Nano & Octans Subsea



Figure 4 – Phins Subsea, Rovins, Rovins Nano and Octans Subsea

FIG. ITEM	PART NUMBER	NOMENCLATURE 1234	USAGE CODE	UNITS PER ASSY
4 010A	PAA00036	PHINS 6000 G3 - IMU		1
010B	PAA00166	PHINS 6000 G3 - Export Restriction		1
010C	PAA00020	PHINS 6000 G3		1
020A	PAA00167	ROVINS - Export Restriction		1
020B	PAA00026	ROVINS/OCTANS		1
020C	PAA00037	ROVINS – IMU		1
030A	PAA00170	OCTANS 3000 G4 - Export Restriction		1
030B	PAA00038	OCTANS 3000 G4 - IMU		1
040	PAA00349	ROVINS NANO		1
-050A	SMI04901	KIT DVL PHINS SUBSEA NORTEK 6000m SEE Figure 5 – Kit DVL Nortek – 001 FOR DET		1
-050B	00127354	KIT DVL PHINS SUBSEA-PIONEER 6000m SEE Figure 6 – Kit DVL Pioneer 6000 m – 001 FOR DET		1
-050C	SMI04902	KIT DVL PHINS SUBSEA WORKHOUSE SEE Figure 7 – Kit DVL Workhouse – 001 FOR DET		1
-050D	SMI04899	KIT DVL ROVINS NORTEK SEE Figure 9 – Kit DVL Nortek – 001 FOR DET		1
-050E	00127370	KIT DVL ROVINS-PIONEER 6000m SEE Figure 10 – Kit DVL Pioneer 6000 m – 001 FOR DET		1
-050F	SMI04900	KIT DVL ROVINS WORKHOUSE SEE Figure 8 – Kit DVL Workhouse – 001 FOR DET		1
-050G	SMI04899	KIT DVL ROVINS NANO NORTEK SEE Figure 11 – Kit DVL Nortek – 001 FOR DET		1
-050H	00127374	KIT DVL ROVINS NANO-PIONEER 6000m SEE Figure 12 – Kit DVL Pioneer 6000 m – 001 FOR DET		1
-060A	FCO00002	CABLE - 220V - 2.5M – AUSTRALIA		1
-060B	FCO00003	CABLE - 220V - 2.5M - EU		1
-060C	FCO00004	CABLE - 220V - 2.5M - DANEMARK		1
-060D	FCO00005	CABLE - 220V - 2.5M - UK		1
-060E	FCO00006	CABLE - 220V - 2.5M - CANADA		1
070	SCA00027	CABLE-TEST-SEACON 19 PIN-1.5M-A4- ETHERNET	10/20/30	1
080	SCA00248	CABLE SEACON 26PIN TI 1M PIGTAIL 6000M	40	1
090B	SCA00192	CABLE - SEACON 12 PIN TI 1M PIGTAIL 6000M C/D/E SUPSDS CCM00010		1
100B	SCA00193	CABLE - SEACON 19 PIN TI 1M PIGTAIL 6000M ETHERNET SUPSDS CCM00011	10/20/30	1
110B	SCA00194	CABLE - SEACON 26 PIN TI 1M PIGTAIL 6000M A/B SUPSDS CCM00013	10/20/30	1
110C	SCA00028	CABLE - JUMPER OCTANSIV TO OCTANSIII - SEACON 26PIN TO BURTON 13PIN - 0,5M	030	1
110D	SCA00038	CABLE - JUMPER OCTANSIV TO OCTANSIII - SEACON 26PIN TO SUBCONN 16PIN - 1M	030	1
120	SCA00511	CONFIG CABLE SEACON 26 PIN ROVINS NANO	040	1
-130	SCA00512	TEST CABLE SEACON 12 PIN ROVINS NANO	040	1
140	SEL00006	POWER SUPPLY CONVERTER 220VAC TO 24 V DC BNC FEMALE 1.5M		1
150	CAS00035	PRESSURE CAP SEACON 12/19 PIN - TI - 6000M	10/20/30/ 40	4
160	CAS00036	PRESSURE CAP SEACON 26 PIN - TI - 6000M	10/20/30/ 40	1

FIG. ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
		1234		
170	CAS00000	KIT SEALS-O RING SUPSDS 6003132		1
–180	HJT00009	• SEALS-O RING-17.17X1.78 (PC851) NP		20
–190	HJT00012	• SEALS-O RING-21.95X1.78 (PC851) NP		5
200	CAS00001	TOOL-O RING INSERTION FOR SEACON 12/19 PIN		1
210	CAS00002	TOOL-O RING INSERTION FOR SEACON 26 PIN		1
220A	DCV00009	FLIGHT CASE - RUGGED - ROVINS + DVL	020	1
220B	DCV00008	FLIGHT CASE - RUGGED - OCTANS SUBSEA 3000/ROVINS	020-030	1
220C	DCV00007	FLIGHT CASE - RUGGED- PHINS 6000 + DVL	010	1
220D	DCV00006	FLIGHT CASE - RUGGED- PHINS 6000	010	1
220E	DCV00096	FLIGHT CASE - RUGGED – OCTANS NANO	040	1
230A	DCA00126	DVL NORTEK 500 khz @6000m	010-020-040	1
230B	DCA00125	DVL NORTEK 1Mhz @4000m	010-020-040	1
240A	00126499	DVL RDI 6000M PIONEER 300-96B-9034	010-020-040	1
240B	00123462	DVL RDI 6000M PIONEER 600-96B-9099	010-020-040	1
250A	DCA00050	DVL WorkHorseNavigator 1200 khz @3000m	010-020	1
250B	DCA00051	DVL WorkHorseNavigator 1200 khz @6000m	010-020	1
250C	DCA00003	DVL WorkHorseNavigator 300 khz @3000m	010-020	1
250D	DCA00053	DVL WorkHorseNavigator 600 khz @3000m	010-020	1
250E	DCA00054	DVL WorkHorseNavigator 600 khz @6000m	010-020	1
250F	DCA00030	DVL WorkHorseNavigator 300 khz @6000m	010-020	1

PAGE INTENTIONALLY LEFT BLANK

2.5 Kit DVL Nortek for Phins Subsea (Round Plate)

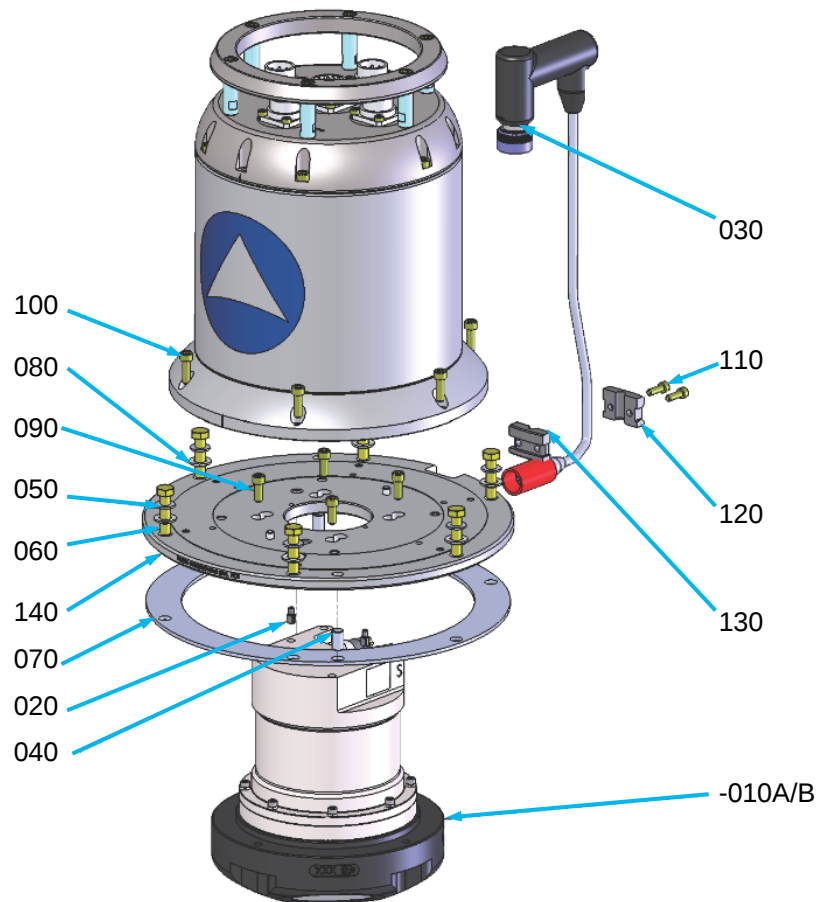


Figure 5 – Kit DVL Nortek for Phins Subsea

FIG.	ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234		
5	-001	SMI04901	KIT DVL PHINS SUBSEA NORTEK		1
	-010A	DCA00125	• DVL NORTEK 1MHZ 4000M		1
	010B	DCA00126	• DVL NORTEK 500 KHZ 6000M		1
	020	MDI08644	• DVL NORTEK CENTERING PIN		2
	030	SCA00575	• PHINS 6000 DVL NORTEK CABLE		4
	040	MDI00130	• SUBSEA DVL INTERFACE PIN		1
	050	QRD00046	• Z M8 INOX A4 WASHER		2
	060	QVI00114	• M8X35 INOX A4 H SCREW		6
	070	MDI00103	• EPOXY INSULATING RING		6
	080	MDI00159	• M8 SCREW INSULATING SLEEVE		1
	090	QVI01595	• 1/4"-20-5/8"-UNC-TA6V CHC SCREW		6
	100	QVI00050	• M6X20 TA6V CHC SCREW		6
	110	QVI00030	• M5X16 TA6V CHC SCREW		2
	120	MDI00098	• CABLE CLAMP PART2		1
	130	MDI00097	• CABLE CLAMP PART1		1
	140	MDI00095	• PHINS6000-ROV. DVL RDI INTERFACE		1

(-) Item not illustrated

2.6 Kit DVL Pioneer 6000 m for Phins Subsea (Round Plate)

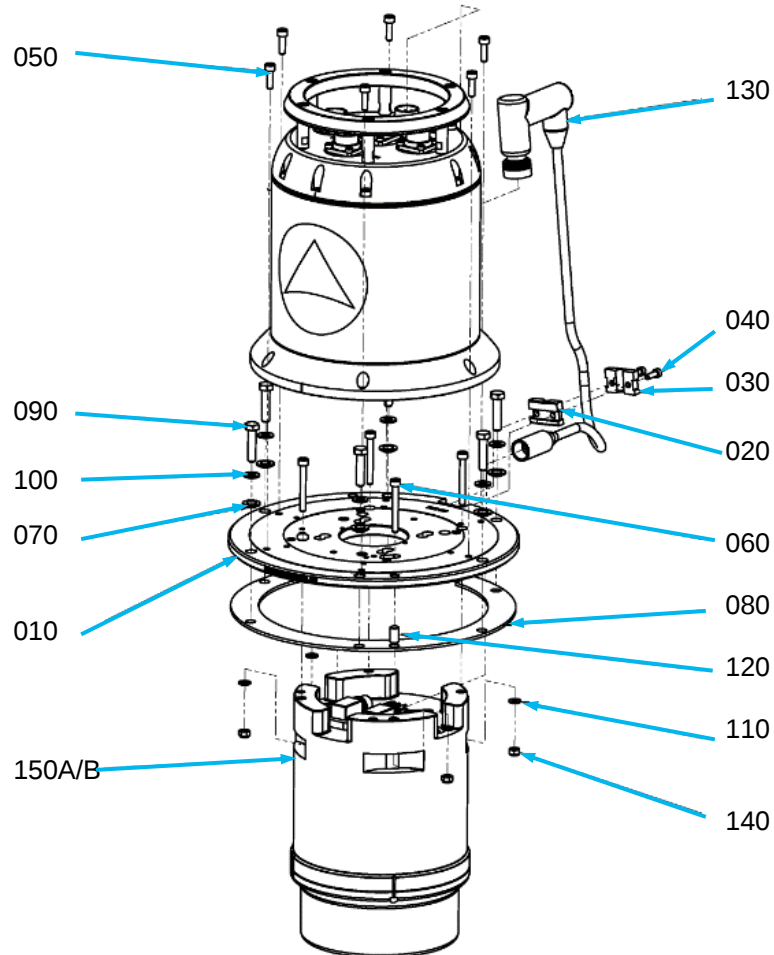


Figure 6 – Kit DVL Pioneer 6000 m for Phins Subsea

FIG.	ITEM	PART NUMBER	NOMENCLATURE 1234	USAGE CODE	UNITS PER ASSY
6	-001	00127354	KIT DVL PHINS SUBSEA-PIONEER 6000m		1
	010	MDI00095	• PHINS6000-ROV. DVL RDI INTERFACE		1
	020	MDI00097	• CABLE CLAMP PART1		1
	030	MDI00098	• CABLE CLAMP PART2		1
	040	QVI00030	• M5x16 TA6V CHC SCREW		2
	050	QVI00050	• M6x20 TA6V CHC SCREW		6
	060	00122323	• 6-50-T MVCHC SCREW		4
	070	MDI00159	• M8 INSULATING SLEEVE		6
	080	MDI00103	• EPOXY INSULATING RING		1
	090	QVI00114	• M8x35 INOX A4 H SCREW		6
	100	QRD00046	• Z M8 INOX A4 WASHER		6
	110	QRD00338	• Z M6 TA6V WASHER		4
	120	MDI00130	• SUBSEA DVL INTERFACE PIN		2
	130	00122170	• PHINS 6000 DVL PIONEER CABLE		1
	140	QEC00155	• M6 TA6V NYLSTOP NUT		4
	150A	00126499	• DVL RDI 6000M PIONEER 300-96B-9034		1
	150B	00123462	• DVL RDI 6000M PIONEER 600-96B-9099		1

(-) Item not illustrated

2.7 Kit DVL Workhouse for Phins Subsea (Round Plate)

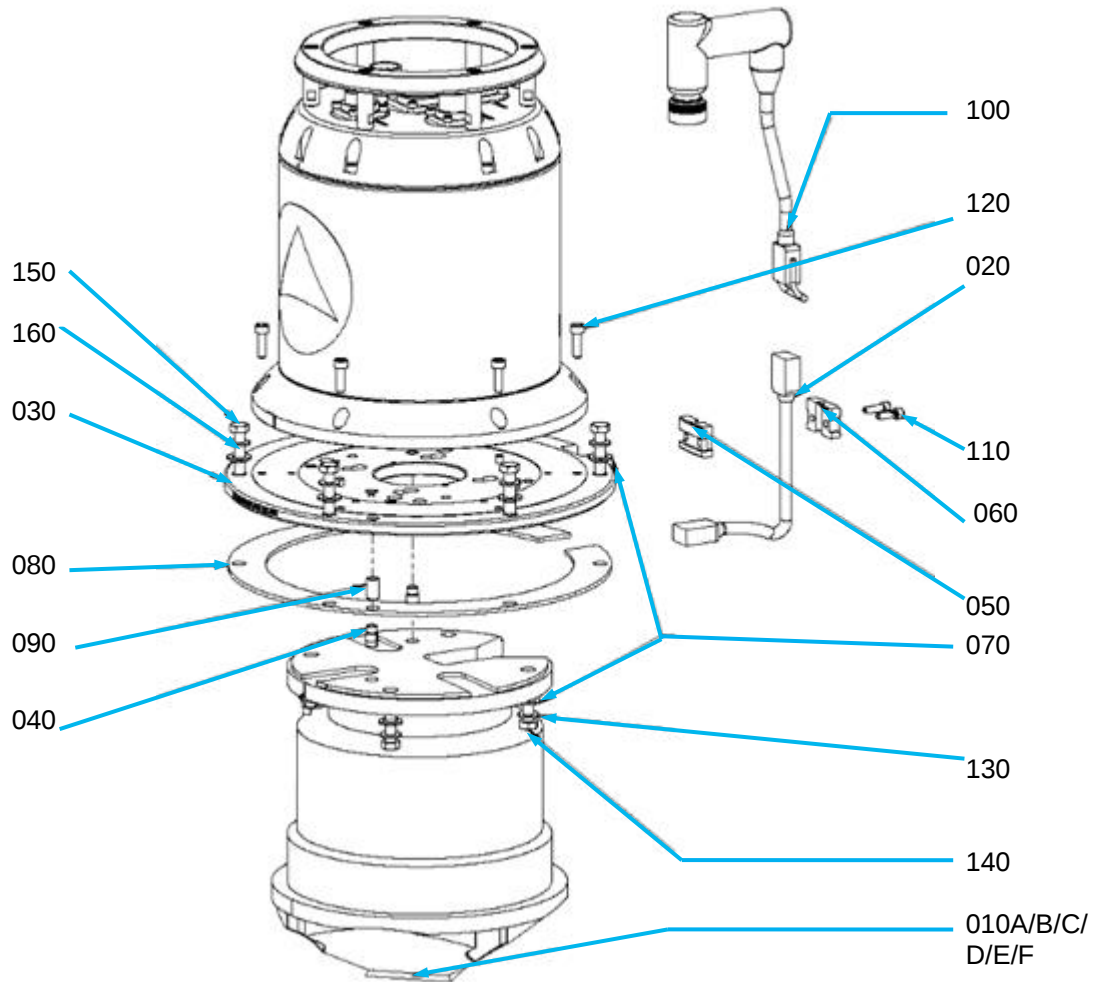


Figure 7 – Kit DVL Workhouse for Phins Subsea

FIG.	ITEM	PART NUMBER	NOMENCLATURE 1234	USAGE CODE	UNITS PER ASSY
7	-001	SMI04902	KIT DVL PHINS SUBSEA WORKHOUSE		1
	010A	DCA00030	• DVL WHN300 6000M		1
	010B	DCA00054	• DVL WHN600 6000M		1
	010C	DCA00051	• DVL WHN1200 6000M		1
	010D	DCA00003	• DVL WHN300 3000M		1
	010E	DCA00053	• DVL WHN600 3000M		1
	010F	DCA00050	• DVL WHN1200 3000M		1
	020	SCA00023	• DVL EXTENSION CABLE		1
	030	MDI00095	• PHINS6000-ROV. DVL RDI INTERFACE		1
	040	MDI00021	• DVL CENTERING PIN		2
	050	MDI00097	• CABLE CLAMP PART1		1
	060	MDI00098	• CABLE CLAMP PART2		1
	070	MDI00159	• M8 INSULATING SLEEVE		6
	080	MDI00103	• EPOXY INSULATING RING		1
	090	MDI00130	• SUBSEA DVL INTERFACE PIN		2
	100	SCA00179	• PHINS6000G3 DVL CABLE		1
	110	QVI00030	• M5X16 TA6V CHC SCREW		2
	120	QVI00050	• M6X20 TA6V CHC SCREW		6
	130	QRD00047	• Z M8 TA6V WASHER		4
	140	QVI00115	• H M8X25 TA6V SCREW		4
	150	QVI00114	• M8X35 INOX A4 H SCREW		6
	160	QRD00046	• Z M8 A4 WASHER		6

(-) Item not illustrated

2.8 Kit DVL Workhouse for Rovins (Round Plate)

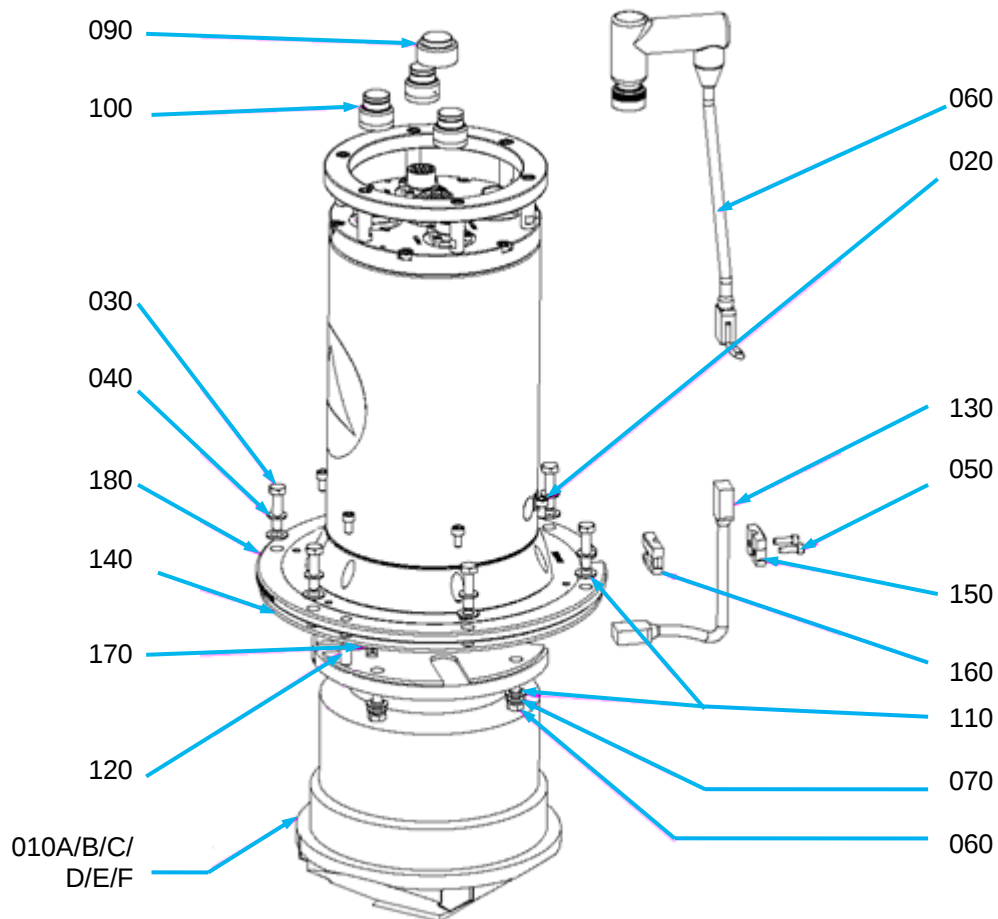


Figure 8 – Kit DVL Workhouse for Rovins

FIG.	ITEM	PART NUMBER	NOMENCLATURE 1234	USAGE CODE	UNITS PER ASSY
8	-001	SMI04900	KIT DVL ROVINS WORKHOUSE		1
	010A	DCA00030	• DVL WHN300 6000M		1
	010B	DCA00054	• DVL WHN600 6000M		1
	010C	DCA00051	• DVL WHN1200 6000M		1
	010D	DCA00003	• DVL WHN300 3000M		1
	010E	DCA00053	• DVL WHN600 3000M		1
	010F	DCA00050	• DVL WHN1200 3000M		1
	020	QVI00046	• MVCHC6-12 TITANIUM		6
	030	QVI00114	• MBH8-35 STAINLESS STEEL		6
	040	QRD00046	• M8 WASHER TITANIUM		6
	050	QVI00030	• MVCHC5-16 TITANIUM		2
	060	QVI00115	• MVH8-25 TITANIUM SCREWS		4
	070	QRD00047	• M8 WASHER TITANIUM		4
	080	SCA00180	• ROVINS DVL CABLE		1
	090	CAS00036	• RECEPTACLE PRESSURE CAP MINM		1
	100	CAS00035	• RECEPTACLE PRESSURE CAP MINK		3
	110	MDI00159	• M8 SCREW INSULATING SLEEVE		10
	120	MDI00130	• ROVINS+RDI DVL CENTERING PINS		2
	130	SCA00023	• DVL EXTENSION CABLE		1
	140	MDI00103	• EPOXY INSULATION RING		1
	150	MDI00098	• CABLE CLAMP PART 2		1
	160	MDI00097	• CABLE CLAMP PART 1		1
	170	MDI00021	• DVL CENTERING PINS		2
	180	MDI00095	• PHINS6000/ROVINS DVL RDI		1

(-) Item not illustrated

2.9 Kit DVL Nortek for Rovins (Square Plate)

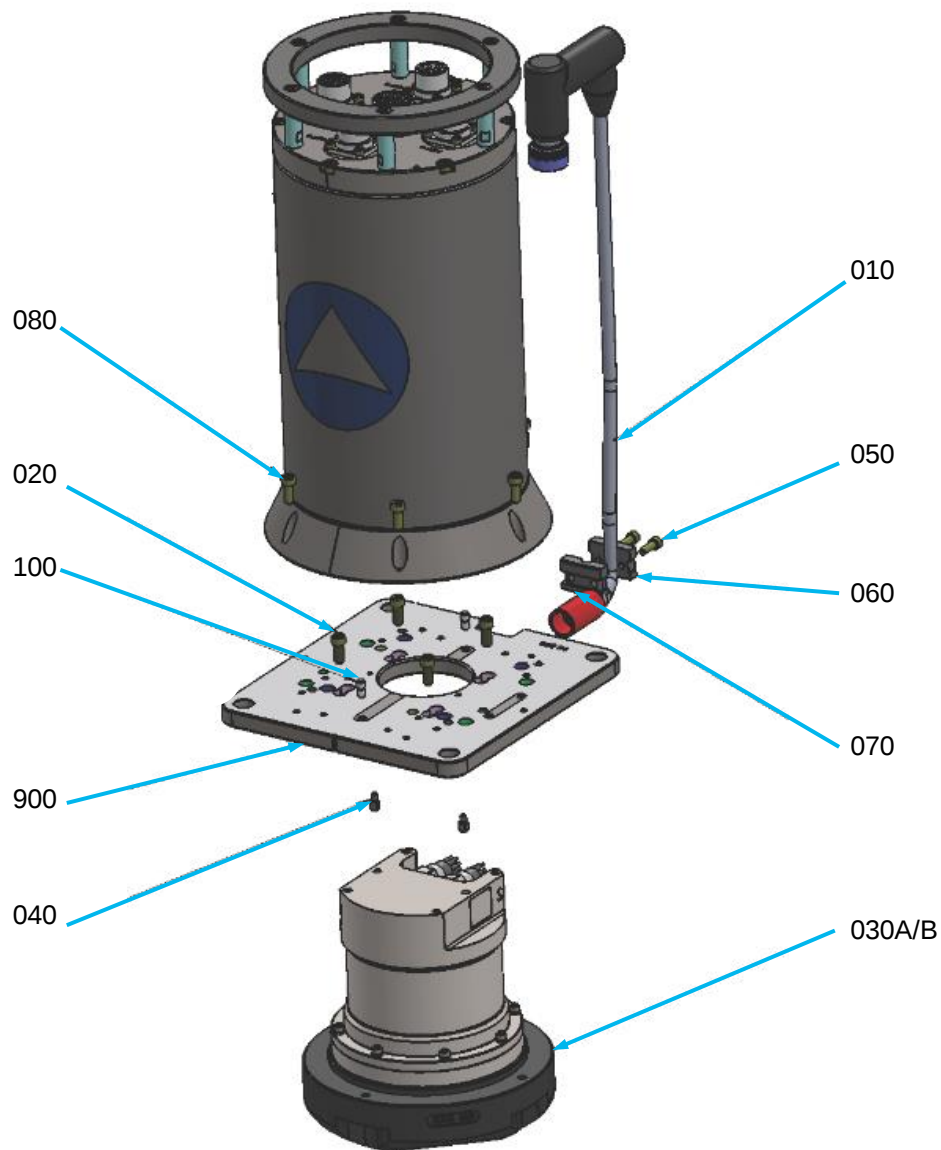


Figure 9 – Kit DVL Nortek for Rovins

FIG.	ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234		
9	-001	SMI04899	KIT DVL ROVINS NORTEK		1
	010	SCA00570	• ROVINS DVL NORTEK CABLE		1
	020	QVI01595	• 1/4"-20-5/8"-UNC-TA6V CHC SCREW		4
	030A	DCA00126	• DVL NORTEK 500 KHz 6000m		1
	-030B	DCA00125	• DVL NORTEK 1MHZ 4000M		1
	040	MDI08644	• DVL NORTEK CENTERING PIN		2
	050	QVI00030	• M5x16 TA6V CHC SCREW		2
	060	MDI00098	• CABLE CLAMP PART2		1
	070	MDI00097	• CABLE CLAMP PART1		1
	080	QVI00049	• M6x16 TA6V CHC SCREW		6
	090	MDI07405	• ROVINS NANO-DVL INTERFACE		1
	100	MDI00129	• ROVINS PHINS6000 PIN		2

(-) Item not illustrated

2.10 Kit DVL Pioneer 6000 m for Rovins (Square Plate)

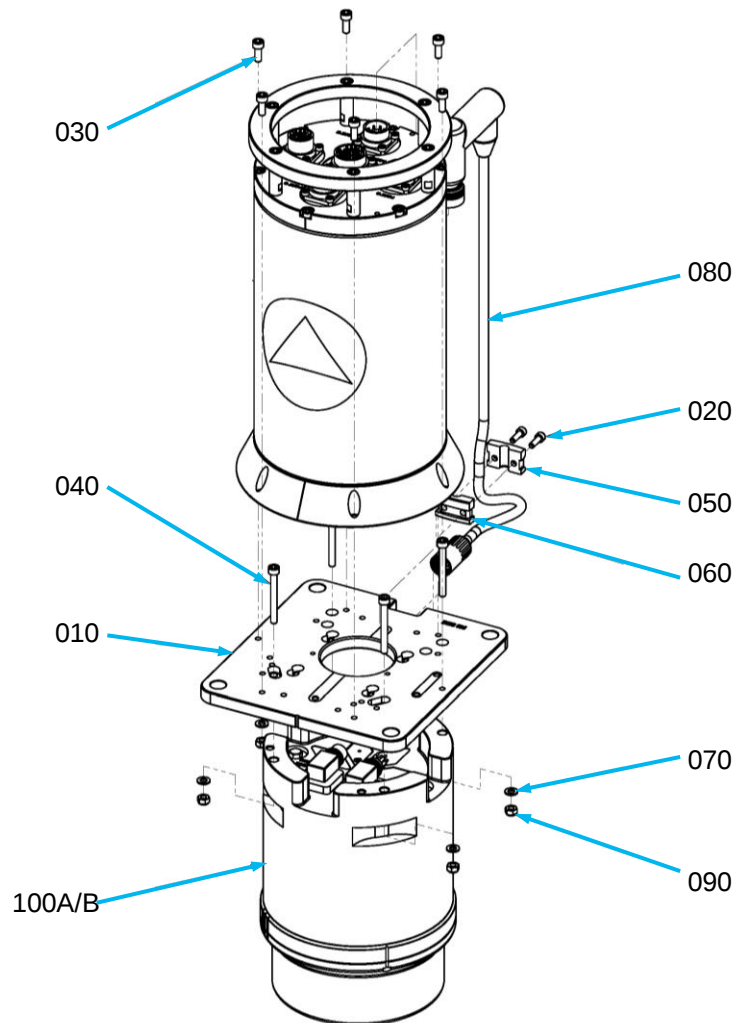


Figure 10 – Kit DVL Pioneer 6000 m for Rovins

FIG.	ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234		
10	-001	00127370	KIT DVL ROVINS-PIONEER 6000m		1
	010	MDI07405	• ROVINS/ROVINS NANO DVL NORTEK INTERFACE		1
	020	QVI00030	• M5x16 TA6V CHC SCREW		2
	030	QVI00049	• M6x20 TA6V CHC SCREW		6
	040	QVI01447	• M6x55 TA6V CHC SCREW		4
	050	MDI00098	• CABLE CLAMP PART2		1
	060	MDI00097	• CABLE CLAMP PART1		1
	070	QRD00338	• Z M6 TA6V WASHER		4
	080	00120177	• ROVINS DVL PIONEER CABLE		1
	090	QEC00155	• M6 TA6V NYLSTOP NUT		4
	100A	00126499	• DVL RDI 6000M PIONEER 300-96B-9034		1
	-100B	00123462	• DVL RDI 6000M PIONEER 600-96B-9099		1

(-) Item not illustrated

2.11 Kit DVL Nortek for Rovins Nano (Square plate)

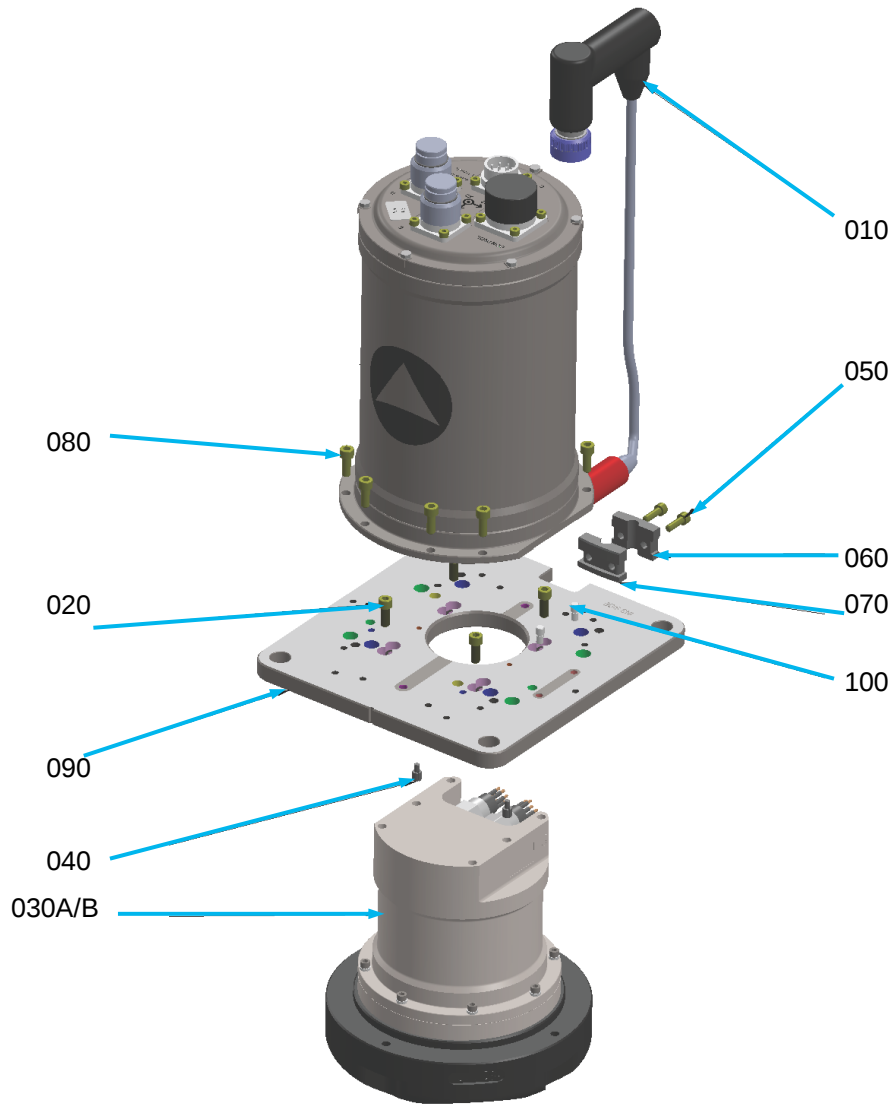


Figure 11 – Kit DVL Nortek for Rovins Nano

FIG.	ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234		
11	-001	SMI04867	KIT DVL ROVINS NANO NORTEK		1
	010	SCA00569	• ROVINS NANO DVL NORTEK CABLE		1
	020	QVI01595	• 1/4"-20-5/8"-UNC-TA6V CHC SCREW		4
	030A	DCA00126	• DVL NORTEK 500 KHz 6000m		1
	-030B	DCA00125	• DVL NORTEK 1MHZ 4000M		1
	040	MDI08644	• DVL NORTEK CENTERING PIN		2
	050	QVI00030	• M5x16 TA6V CHC SCREW		2
	060	MDI00098	• CABLE CLAMP PART2		1
	070	MDI00097	• CABLE CLAMP PART1		1
	080	QVI00049	• M6x16 TA6V CHC SCREW		6
	090	MDI07405	• ROVINS NANO-DVL INTERFACE		1
	100	MDI00129	• ROVINS PHINS6000 PIN		2

(-) Item not illustrated

2.12 Kit DVL Pioneer 6000 m for Rovins Nano (Square Plate)

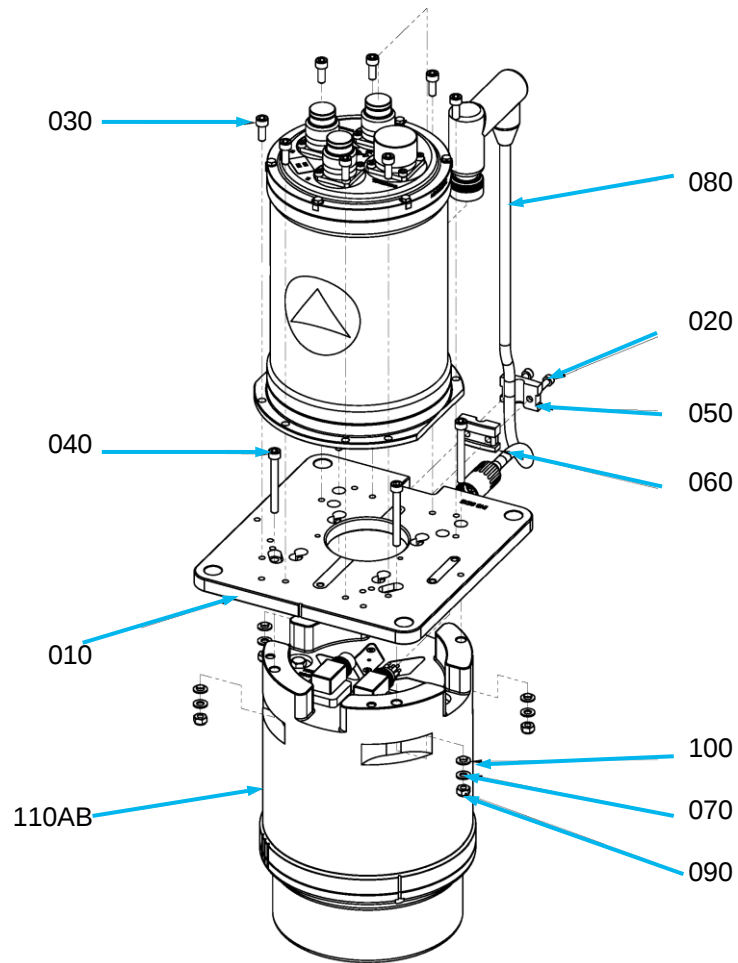


Figure 12 – Kit DVL Pioneer 6000 m for Rovins Nano

FIG.	ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234		
12	-001	00127374	KIT DVL ROVINS NANO-PIONEER 6000m		1
	010	MDI07405	• ROVINS/ROVINS NANO DVL NORTEK INTERFACE		1
	020	QVI00030	• M5x16 TA6V CHC SCREW		2
	030	QVI00049	• M6x20 TA6V CHC SCREW		6
	040	QVI01447	• M6x55 TA6V CHC SCREW		4
	050	MDI00098	• CABLE CLAMP PART2		1
	060	MDI00097	• CABLE CLAMP PART1		1
	070	QRD00338	• Z M6 TA6V WASHER		4
	080	00119892	• ROVINS DVL PIONEER CABLE		1
	090	QEC00155	• M6 TA6V NYLSTOP NUT		4
	100	MDI04215	• M6 ISOLATING SLEEVE		4
	110A	00126499	• DVL RDI 6000M PIONEER 300-96B-9034		1
	-110B	00123462	• DVL RDI 6000M PIONEER 600-96B-9099		1

(-) Item not illustrated

2.13 Octans Nano



Figure 13 – Octans Nano

FIG.	ITEM	PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234		
13	010	PAA00391	OCTANS NANO 4000 M		1
	020	00199818	OCTANS NANO 6000 M		1
	030	SEL00006	POWER SUPPLY CONVERTER 220VAC TO 24 V DC BNC FEMALE 1.5M		1
	-40A	FCO00002	CABLE - 220V - 2.5M – AUSTRALIA		1
	-40B	FCO00003	CABLE - 220V - 2.5M - EU		1
	-40C	FCO00004	CABLE - 220V - 2.5M - DANEMARK		1
	-40D	FCO00005	CABLE - 220V - 2.5M - UK		1
	-40E	FCO00006	CABLE - 220V - 2.5M - CANADA		1
	050	CAS00449	KIT - 20XSEALS - O RING 21,95X1,78/20,35X1,78		1
	060	CAS00002	TOOL - O RING INSERTION FOR SEACON 26PIN		1
	070	CAS00036	PRESSURE CAP - SEACON 26PIN - TI - 6000M		1
	080	SCA00253	OCTANS NANO SETUP & CONFIG CABLE		1
	090	SCA00248	CABLE - PIGTAIL - SEACON 26PIN - 1,5M - TI - NANO		1
	100	DCV00096	FLIGHT CASE – RUGGED – OCTANS NANO		1

(-) Item not illustrated

3 Alphanumerical Index

PART NUMBER	FIG.	ITEM	OLD PART NUMBER	UNITS PER ASSY
00119892	12	080		1
00120177	10	080		1
00122170	6	130		1
00122323	6	060		4
00123462	4	240B		1
00123462	6	150B		1
00123462	10	-100B		1
00123462	12	-110B		1
00126499	4	240A		1
00126499	6	150A		1
00126499	10	100A		1
00126499	12	110A		1
00127354	4	-050B		1
00127354	6	-001		1
00127370	4	-050E		1
00127370	10	-001		1
00127374	4	-050H		1
00127374	12	-001		1
00199818	13	020		1
CAS00000	4	170		1
CAS00001	4	200		1
CAS00002	4	210		1
CAS00002	13	060		1
CAS00035	4	150		4
CAS00035	8	100		3
CAS00036	4	160		1
CAS00036	8	090		1
CAS00036	13	070		1
CAS00449	13	050		1
CAS00501	3	030		1
CCS01591	2	070		1
CCS01592	2	050		1
CCS01810	3	020		1
CCS02035	1	050		1
CCS02037	1	060		1
DCA00003	4	250C		1
DCA00003	7	010D		1
DCA00003	8	010D		1
DCA00030	4	250F		1
DCA00030	7	010A		1

PART NUMBER	FIG.	ITEM	OLD PART NUMBER	UNITS PER ASSY
DCA00030	8	010A		1
DCA00050	4	250A		1
DCA00050	7	010F		1
DCA00050	8	010F		1
DCA00051	4	250B		1
DCA00051	7	010C		1
DCA00051	8	010C		1
DCA00053	4	250D		1
DCA00053	7	010E		1
DCA00053	8	010E		1
DCA00054	4	250E		1
DCA00054	7	010B		1
DCA00054	8	010B		1
DCA00125	4	230B		1
DCA00125	5	-010A		1
DCA00125	9	-030B		1
DCA00125	11	-030B		1
DCA00126	4	230A		1
DCA00126	5	010B		1
DCA00126	9	030A		1
DCA00126	11	030A		1
DCE00001	1	-090		1
DCE00001	3	-400		1
DCE00005	1	070		1
DCE00021	1	080		1
DCV00006	4	220D		1
DCV00007	4	220C		1
DCV00008	4	220B		1
DCV00009	4	220A		1
DCV00083	2	-080		1
DCV00096	4	220E		1
DCV00096	13	100		1
FCO00002	2	-030A		1
FCO00002	4	-060A		1
FCO00002	13	-040A		1
FCO00003	2	-030B		1
FCO00003	4	-060B		1
FCO00003	13	-040B		1
FCO00004	2	-030C		1
FCO00004	4	-060C		1
FCO00004	13	-040C		1
FCO00005	2	-030D		1

PART NUMBER	FIG.	ITEM	OLD PART NUMBER	UNITS PER ASSY
FCO00005	4	-060D		1
FCO00005	13	-030D		1
FCO00006	2	-030E		1
FCO00006	4	-060E		1
FCO00006	13	-040E		1
HJT00009	4	-180		20
HJT00012	4	-190		5
MDI00021	7	040		2
MDI00021	8	170		2
MDI00095	5	140		1
MDI00095	6	010		1
MDI00095	7	030		1
MDI00095	8	180		1
MDI00097	5	130		1
MDI00097	6	020		1
MDI00097	7	050		1
MDI00097	8	160		1
MDI00097	9	070		1
MDI00097	10	060		1
MDI00097	11	070		1
MDI00097	12	060		1
MDI00098	5	120		1
MDI00098	6	030		1
MDI00098	7	060		1
MDI00098	8	150		1
MDI00098	9	060		1
MDI00098	10	050		1
MDI00098	11	060		1
MDI00098	12	050		1
MDI00103	5	070		6
MDI00103	6	080		1
MDI00103	7	080		1
MDI00103	8	140		1
MDI00129	9	100		2
MDI00129	11	100		2
MDI00130	5	040		1
MDI00130	6	120		2
MDI00130	7	090		2
MDI00130	8	120		2
MDI00159	5	080		1
MDI00159	6	070		6
MDI00159	7	070		6

PART NUMBER	FIG.	ITEM	OLD PART NUMBER	UNITS PER ASSY
MDI00159	8	110		10
MDI04215	12	100		4
MDI07405	9	090		1
MDI07405	10	010		1
MDI07405	11	090		1
MDI07405	12	010		1
MDI08644	5	020		2
MDI08644	9	040		2
MDI08644	11	040		2
PAA00020	4	010C		1
PAA00026	4	020B		1
PAA00036	4	010A		1
PAA00037	4	020C		1
PAA00038	4	030B		1
PAA00166	4	010B		1
PAA00167	4	020A		1
PAA00170	4	030A		1
PAA00202	2	010		1
PAA00349	4	040		1
PAA00391	13	010		1
PAA00919	3	010		1
PAA00923	1	010		1
QEC00155	6	140		4
QEC00155	10	090		4
QEC00155	12	090		4
QRD00046	5	050		2
QRD00046	6	100		6
QRD00046	7	160		6
QRD00046	8	040		6
QRD00047	7	130		4
QRD00047	8	070		4
QRD00338	6	110		4
QRD00338	10	070		4
QRD00338	12	070		4
QVI00030	5	110		2
QVI00030	6	040		2
QVI00030	7	110		2
QVI00030	8	050		2
QVI00030	9	050		2
QVI00030	10	020		2
QVI00030	11	050		2
QVI00030	12	020		2

PART NUMBER	FIG.	ITEM	OLD PART NUMBER	UNITS PER ASSY
QVI00046	8	020		6
QVI00049	9	080		6
QVI00049	10	030		6
QVI00049	11	080		6
QVI00049	12	030		6
QVI00050	5	100		6
QVI00050	6	050		6
QVI00050	7	120		6
QVI00114	5	060		6
QVI00114	6	090		6
QVI00114	7	150		6
QVI00114	8	030		6
QVI00115	7	140		4
QVI00115	8	060		4
QVI01447	10	040		4
QVI01447	12	040		4
QVI01595	5	090		6
QVI01595	9	020		4
QVI01595	11	020		4
SCA00023	7	020		1
SCA00023	8	130		1
SCA00027	4	070		1
SCA00028	4	110C		1
SCA00038	4	110D		1
SCA00062	1	020		1
SCA00141	2	040		1
SCA00144	2	060		1
SCA00179	7	100		1
SCA00180	8	080		1
SCA00192	4	090B	CCM00010	1
SCA00193	4	100B	CCM00011	1
SCA00194	4	110B	CCM00012	1
SCA00248	4	080		1
SCA00248	13	090		1
SCA00253	13	080		1
SCA00260	1	030		1
SCA00420	1	040		1
SCA00511	4	120		1
SCA00512	4	-130		1
SCA00569	11	010		1
SCA00570	9	010		1
SCA00575	5	030		4

PART NUMBER	FIG.	ITEM	OLD PART NUMBER	UNITS PER ASSY
SEL00006	2	020		1
SEL00006	4	140		1
SEL00006	13	030		1
SMI04867	11	-001		1
SMI04899	4	-050D		1
SMI04899	4	-050G		1
SMI04899	9	-001		1
SMI04900	4	-050F		1
SMI04900	8	-001		1
SMI04901	4	-050A		1
SMI04901	5	-001		1
SMI04902	4	-050C		1
SMI04902	7	-001		1

iXblue CONTACT - SUPPORT

For non-URGENT support:

- by email: support@ixblue.com
- using the form on the iXblue web site: www.ixblue.com

For 24/7 URGENT SUPPORT:

- North America / NORAM
+1 617 861 4589
- Europe Middle-East Africa Latin-America / EMEA-LATAM
+33 1 30 08 98 98
- Asia Pacific / APAC
+65 6747 7027