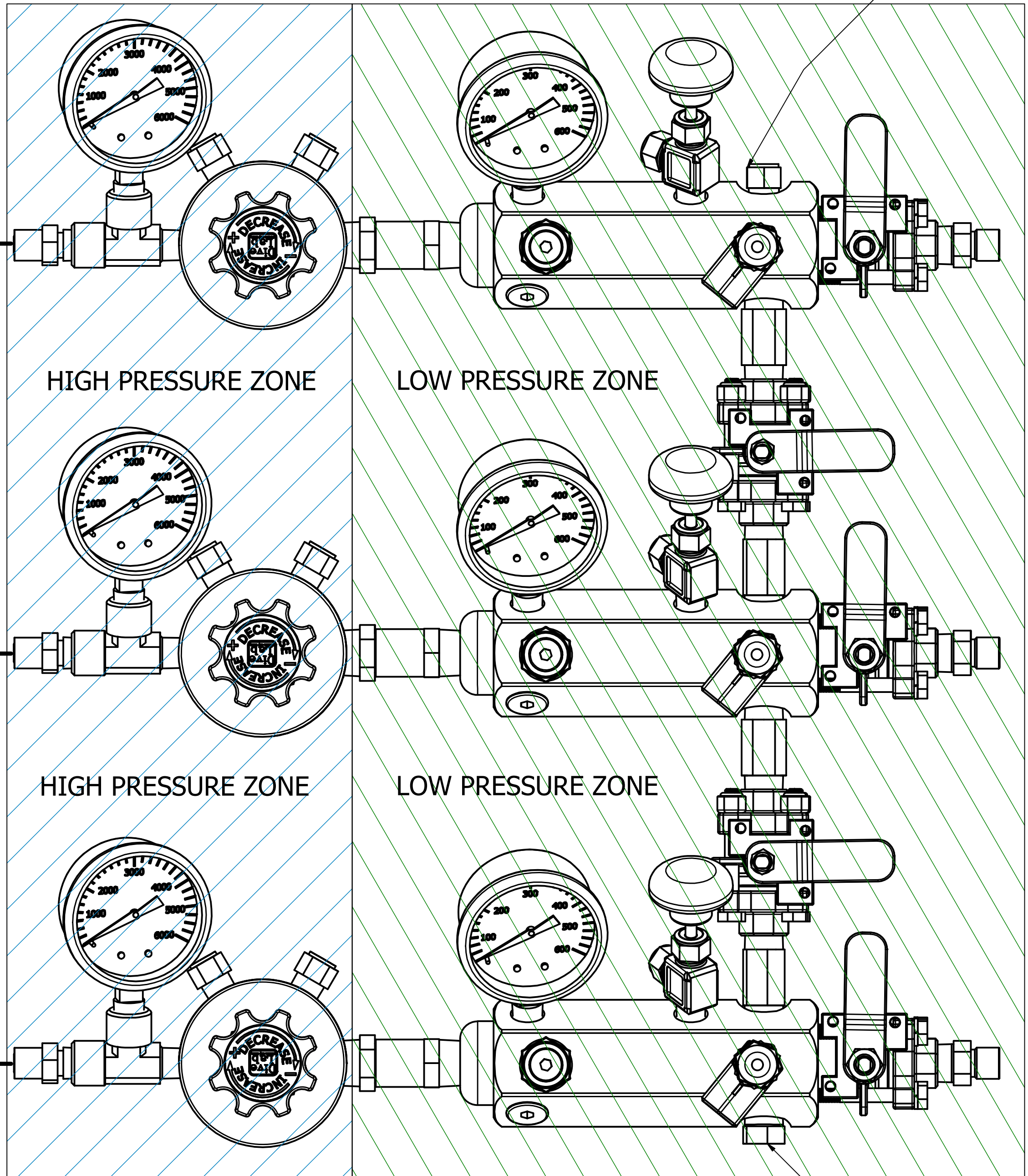


NOTES:
1. ALL GAS SYSTEM COMPONENTS ARE COMMON WITH THE EXCEPTION OF ITEM 32 (3/8 MNPT PLUG). ITEM 32 IS USED ON 1XL4-R AND 1XL4-Y MANIFOLD.

COMMON SUB
COMPONENTS — YELLOW

GREEN

RED



SIZE
C

DRAWING NO.
7057

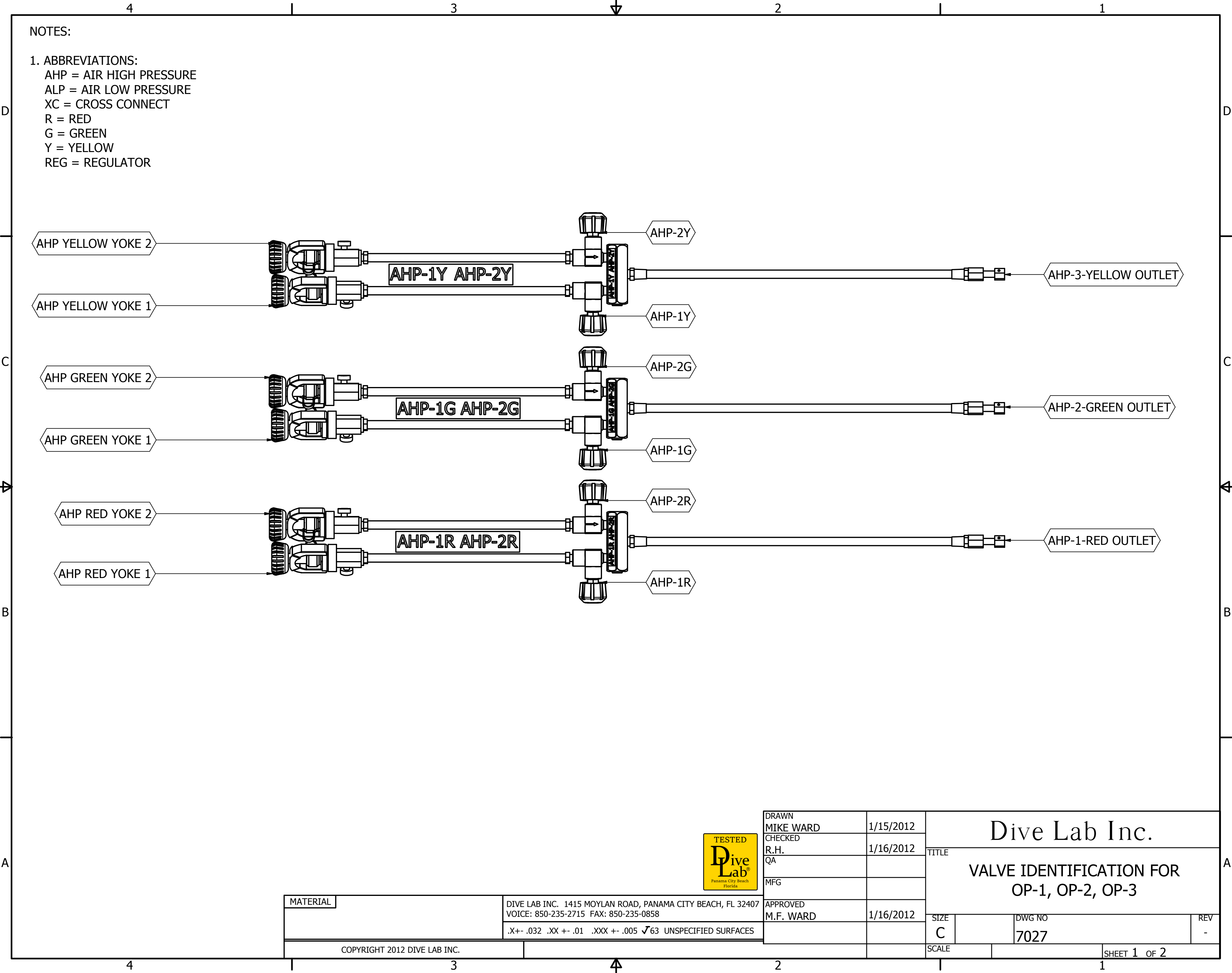
TITLE

GAS SYSTEM PRESSURE ZONES

SHEET 1 OF 1

REV

-



NOTES:

1. ABBREVIATIONS:
AHP = AIR HIGH PRESSURE
ALP = AIR LOW PRESSURE
XC = CROSS CONNECT
R = RED
G = GREEN
Y = YELLOW
REG = REGULATOR



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

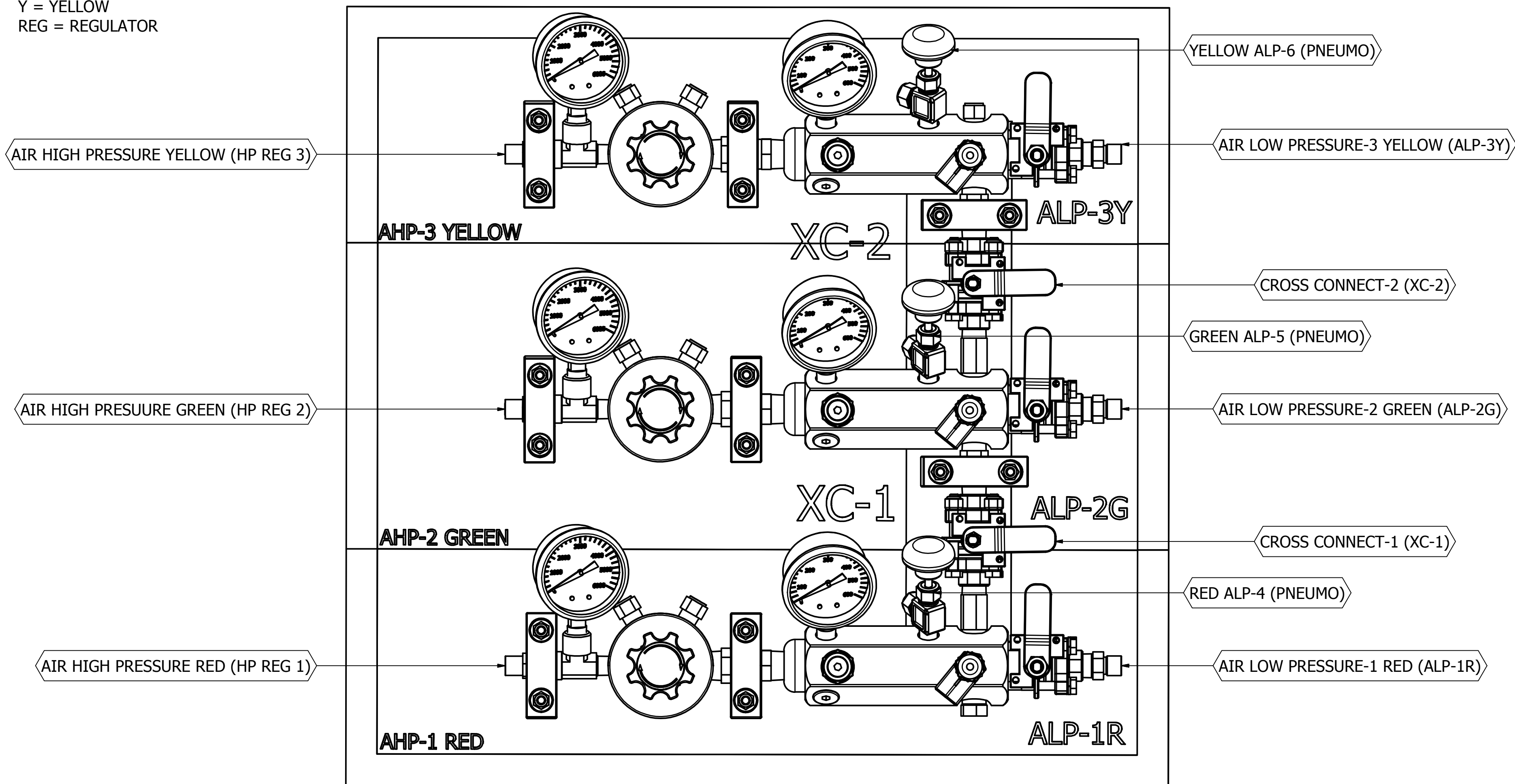
DRAWN MIKE WARD	1/15/2012
CHECKED R.H. QA	1/16/2012
MFG	
APPROVED M.F. WARD	1/16/2012

Dive Lab Inc.			
TITLE VALVE IDENTIFICATION FOR OP-1, OP-2, OP-3			
SIZE C		DWG NO 7027	REV -
SCALE		SHEET 1 OF 2	

NOTES:

1. ABBREVIATIONS:

AHP = AIR HIGH PRESSURE
ALP = AIR LOW PRESSURE
XC = CROSS CONNECT
R = RED
G = GREEN
Y = YELLOW
REG = REGULATOR

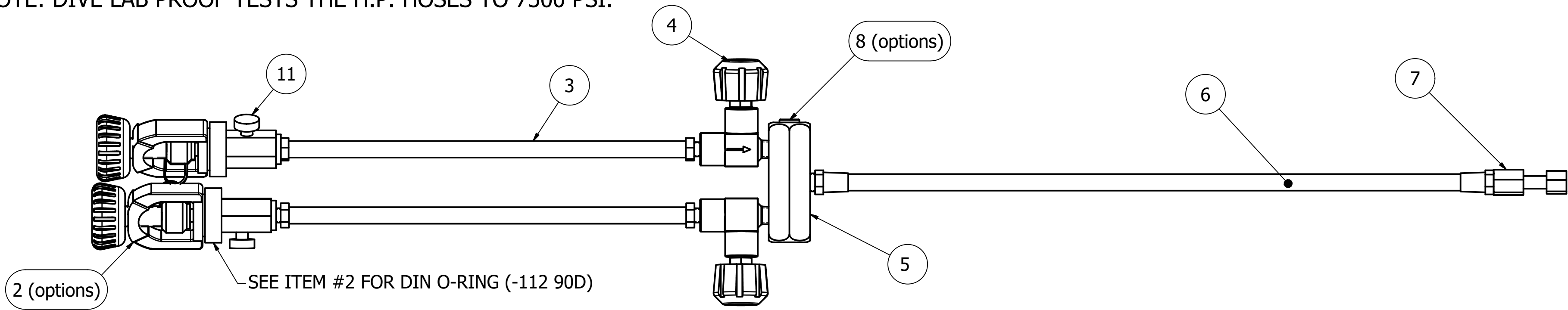


MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

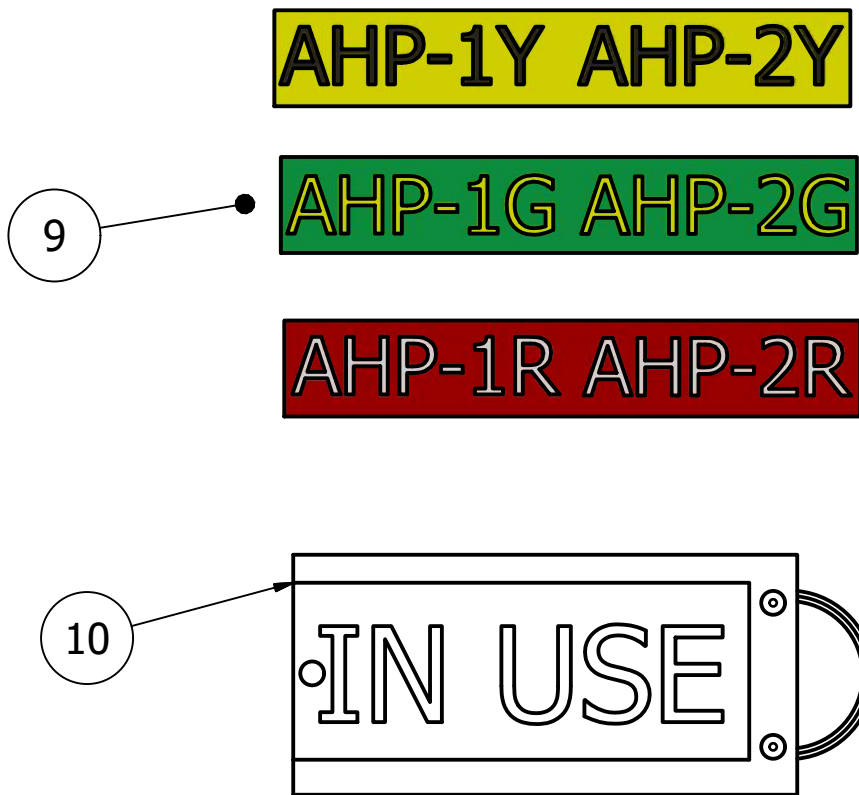
DRAWN MIKE WARD	1/15/2012
CHECKED R.H. QA	1/16/2012
MFG	
APPROVED M.F. WARD	1/16/2012

Dive Lab Inc.			
TITLE			
VALVE IDENTIFICATION FOR OP-1, OP-2, OP-3			
SIZE		DWG NO	REV
C		7027	-
SCALE		SHEET 2 OF 2	

NOTE: DIVE LAB PROOF TESTS THE H.P. HOSES TO 7500 PSI.



-	3XL29E 3XL29F	A YOKE & DIN YOKE BLEED KNOB (FOR XS SCUBA YOKES) A YOKE BLEED KNOB (FOR SHERWOOD A YOKES)	11
1	3XL43	IN USE TAG COMPLETE	
-	3XL42	IN USE TAG PLATE (ABS PLASTIC)	10
-	3XL41	DECAL, IN USE	
1	3XL40R 3XL40G 3XL40Y	DECAL, AHP-1 RED DECAL,AHP-2 GREEN DECAL,AHP-3 YELLOW	9
1 1	3XL15 3XL15-A	PLUG HIGH PRESSURE 7/16-20 UNF -012 O-RING 90 DUROMETER (PN# 3XL15-A)	8
1	3XL100	FITTING, .25 MNPT - 9/16-18 UNF VCO (NOTE: PART OF THE HOSE WITH 3XL72HP, ITEM # 6)	7
1	3XL72HP	HIGH PRESSURE WHIP, THERMOPLASTIC, PIRANHAFLEX PF321TC, 72" 1/4 MNPT x VCO 9/16-18 UNF	6
1	3XL25	HIGH PRESSURE JUNCTION BLOCK, 1/4" FNPT, 7/16-20 UNF ST O-RING PORT ON SIDE	5
2	3XL89-1 (THERMO) 3XL89 (SHERWOOD)	THERMO VALVE, 1/4 MNPT, (REPAIR KIT 3XL89-1-RK) (OBSOLETE) SHERWOOD VALVE, (REPAIR KIT 3XL89-RK)	4
2	3XL24HP	HIGH PRESSURE WHIP, THERMOPLASTIC, PIRANHAFLEX PF321TC, 24", 1/4 MNPT	3
2	3XL29D	DIN-YOKE COMBO, MAX PRESSURE 4350 PSIG (STANDARD) - DIN-YOKE O-RING -112 90D (PN# 3XL29CR)	2
	3XL29 3XL90	A YOKE 3500 PSIG (OPTIONAL) DUST CAP (FITS DIN & A YOKE)	
-	1XL00 R,G,Y	HIGH PRESSURE, SINGLE LEG ASSEMBLY R,G,Y	1
QTY.	DIVE LAB PART NO.	DESCRIPTION	ITEM NO
HIGH PRESSURE ASSEMBLY (SINGLE LEG R,G,Y) 1XL00			

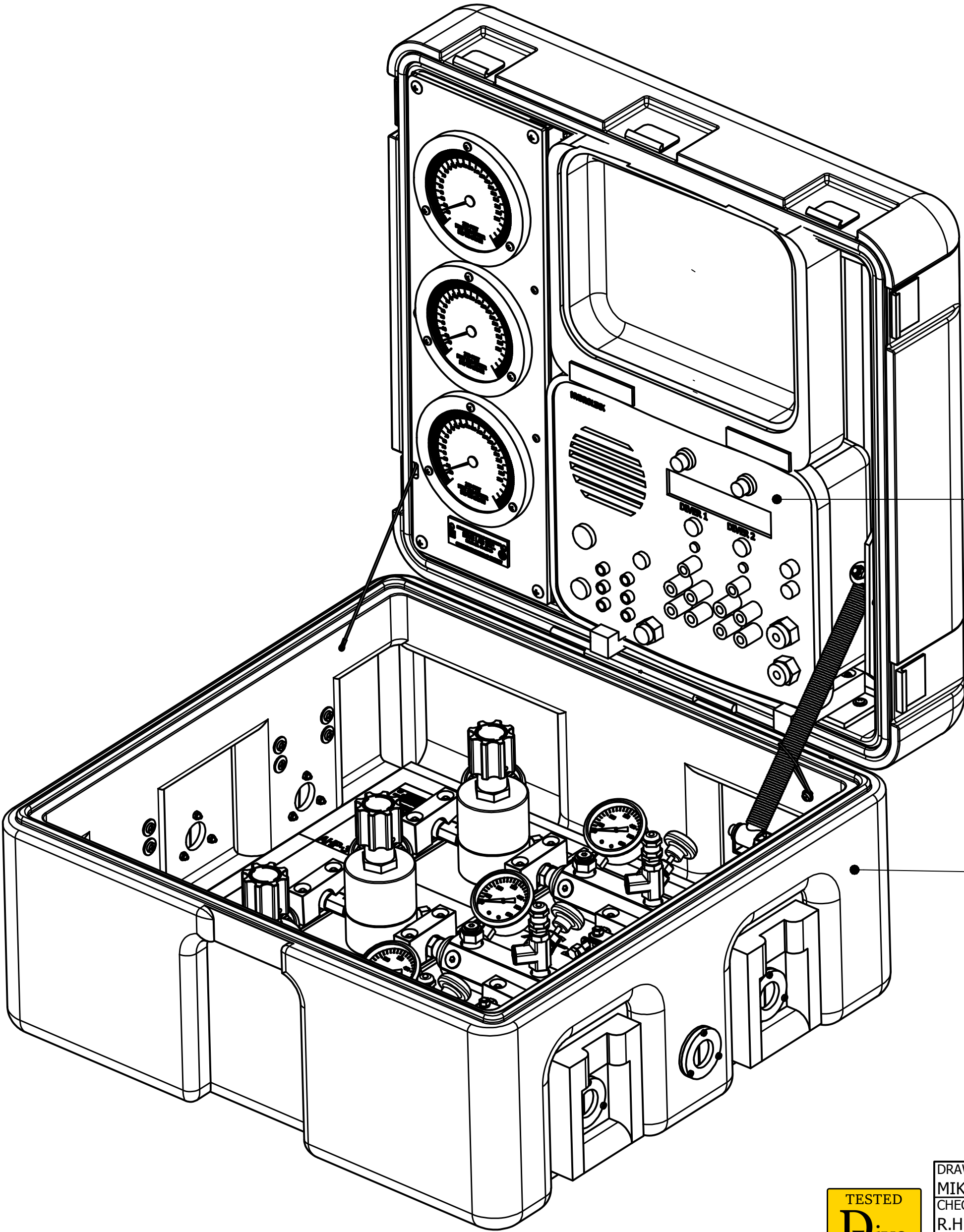


MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	

DRAWN M.S. WARD	6/14/2007	Dive Lab Inc.		
CHECKED R.H. QA	1/12/2012			
MFG		HIGH PRESSURE ASSEMBLY		
APPROVED M.F. WARD	1/12/2012	SIZE C	DWG NO 7009	REV -
		SCALE	SHEET 1 OF 1	

NOTES:
1. PRE ASSEMBLY REQ. IAW DIVE LAB QA MANUAL, DOCUMENT (XLDSPROOF22111 1B MW), MANUFACTURING REQUIREMENTS DWG# 7737

1XL31A	HYDROLINX COMM BOX (3DIVER)	2
1XL00	3 DIVER CONSOLE	1
DIVE LAB PART	DESCRIPTION	ITEM
X LDS RDC-3 CONSOLE		



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

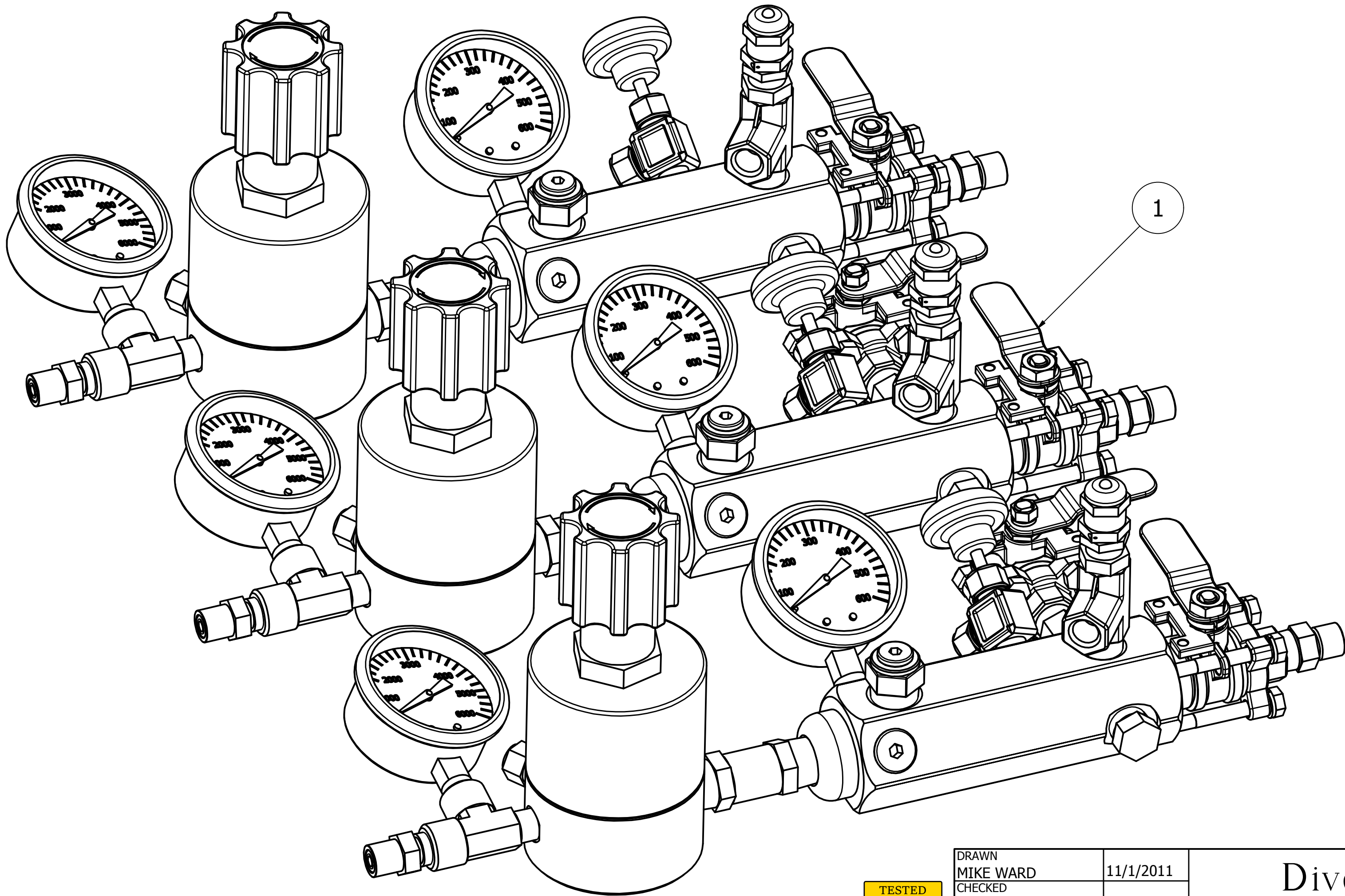
DRAWN MIKE WARD	11/10/2011
CHECKED R.H. QA	1/27/2012
MFG	
APPROVED M.F. WARD	1/27/2012

Dive Lab Inc.			
TITLE CONSOLE XLDS-RDC-3D			
SIZE C	DWG NO 7008		REV -
SCALE			SHEET 1 OF 1

COPYRIGHT 2011 DIVE LAB INC.

NOTES:
1. PRE ASSEMBLY REQ. IAW DIVE LAB QA MANUAL, DOCUMENT
(XLDSPROOF22111 1B MW), MANUFACTURING REQUIREMENTS DWG# 7737

1XL00A	3 DIVER GAS SYSTEM ASSEMBLY	1
DIVE LAB PART NO.	DESCRIPTION	ITEM
3 DIVER GAS SYSTEM ASSEMBLY		



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

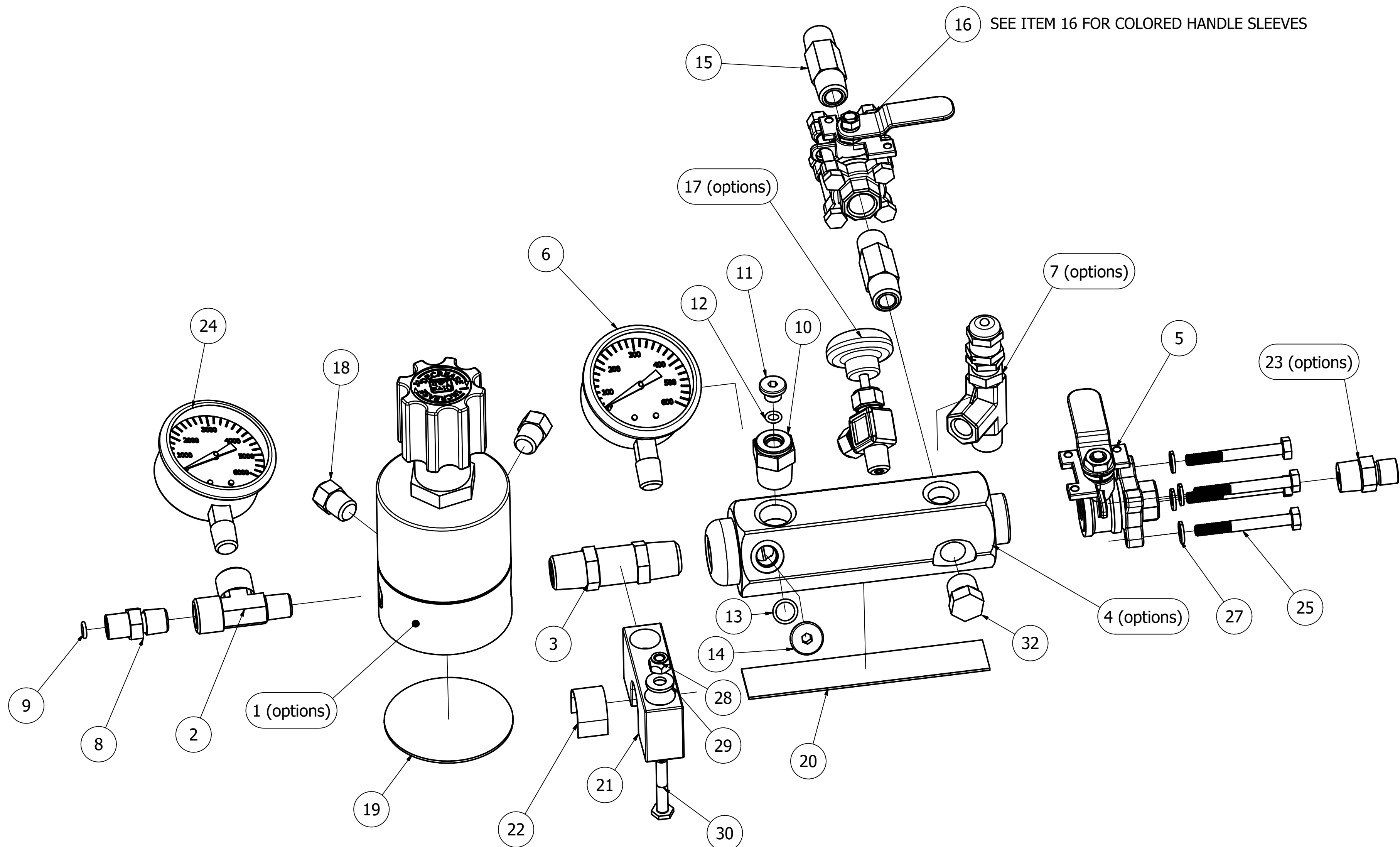
DRAWN MIKE WARD	11/1/2011
CHECKED R.H. QA	1/12/2012
MFG	
APPROVED M.F. WARD	1/12/2012

Dive Lab Inc.		
TITLE 3 DIVER GAS SYSTEM ASSEMBLY		
SIZE C	DWG NO 7011	REV -

COPYRIGHT 2012 DIVE LAB INC.

SCALE SHEET 1 OF 1

NOTES:
1. RED, GREEN AND YELLOW GAS SYSTEM LEGS
ARE COMMON WITH THE EXCEPTION OF ITEM 32.
ITEM 32 IS USED ON RED AND YELLOW MANIFOLD ONLY.



REGULATOR SETTINGS
FOR XLDS SET TO 350-375 PSIG
FOR CONVENTIONAL SET ACCORDING TO
EQUIPMENT REQUIREMENTS

RELIEF SETTINGS
FOR XLDS SET TO 390-400 PSIG
FOR CONVENTIONAL SET TO 290-300 PSIG

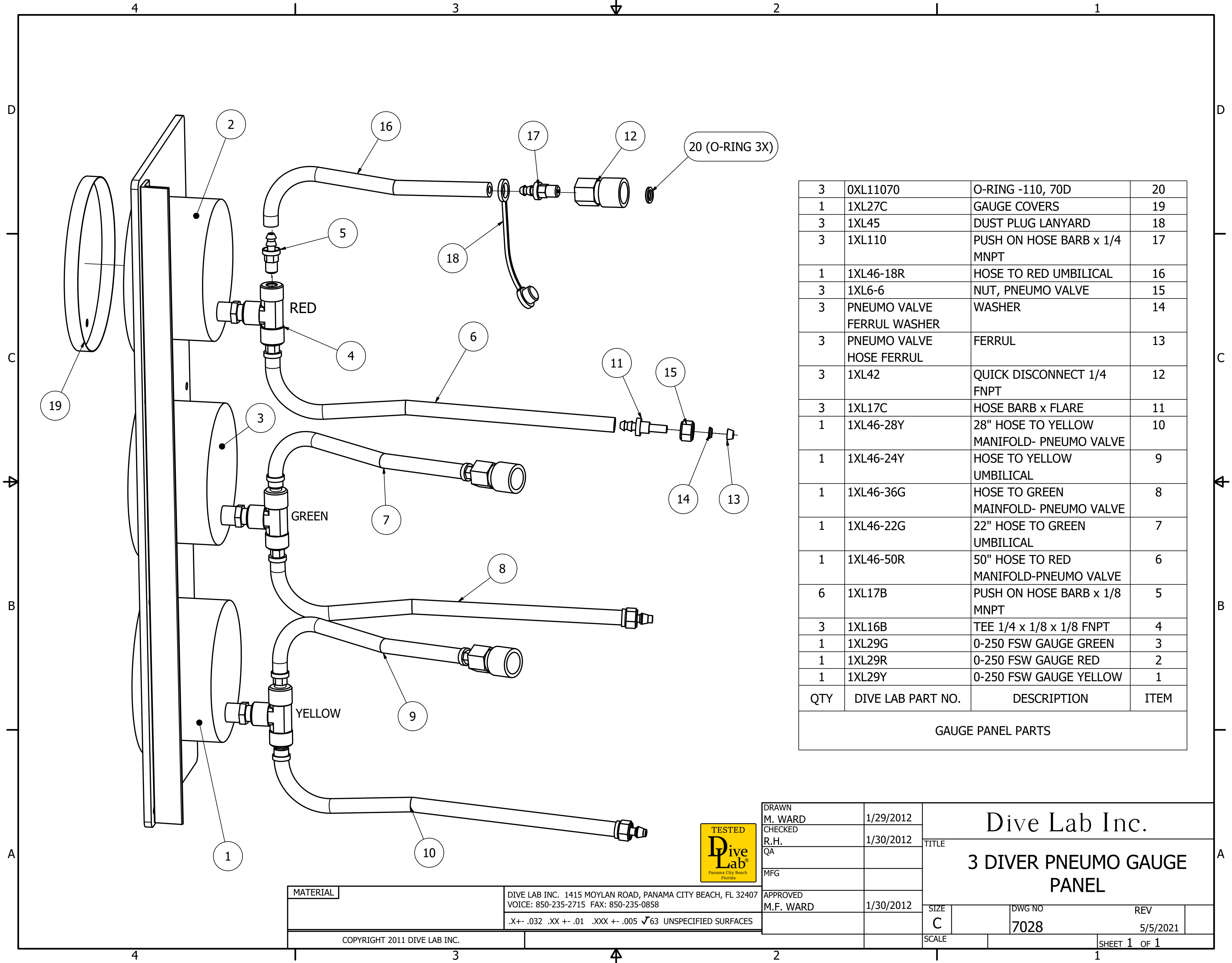


DRAWN	MIKE WARD	11/2/2011
CHECKED	R.H. QA	1/12/2012
MFG		
APPROVED	M.F. WARD	1/12/2012

Dive Lab Inc.			
GAS SYSTEM LEG ASSEMBLY			
SIZE	C	DWG NO	7012
SCALE		REV	5/5/2021
SHEET 1 OF 2			

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	

[illegible]

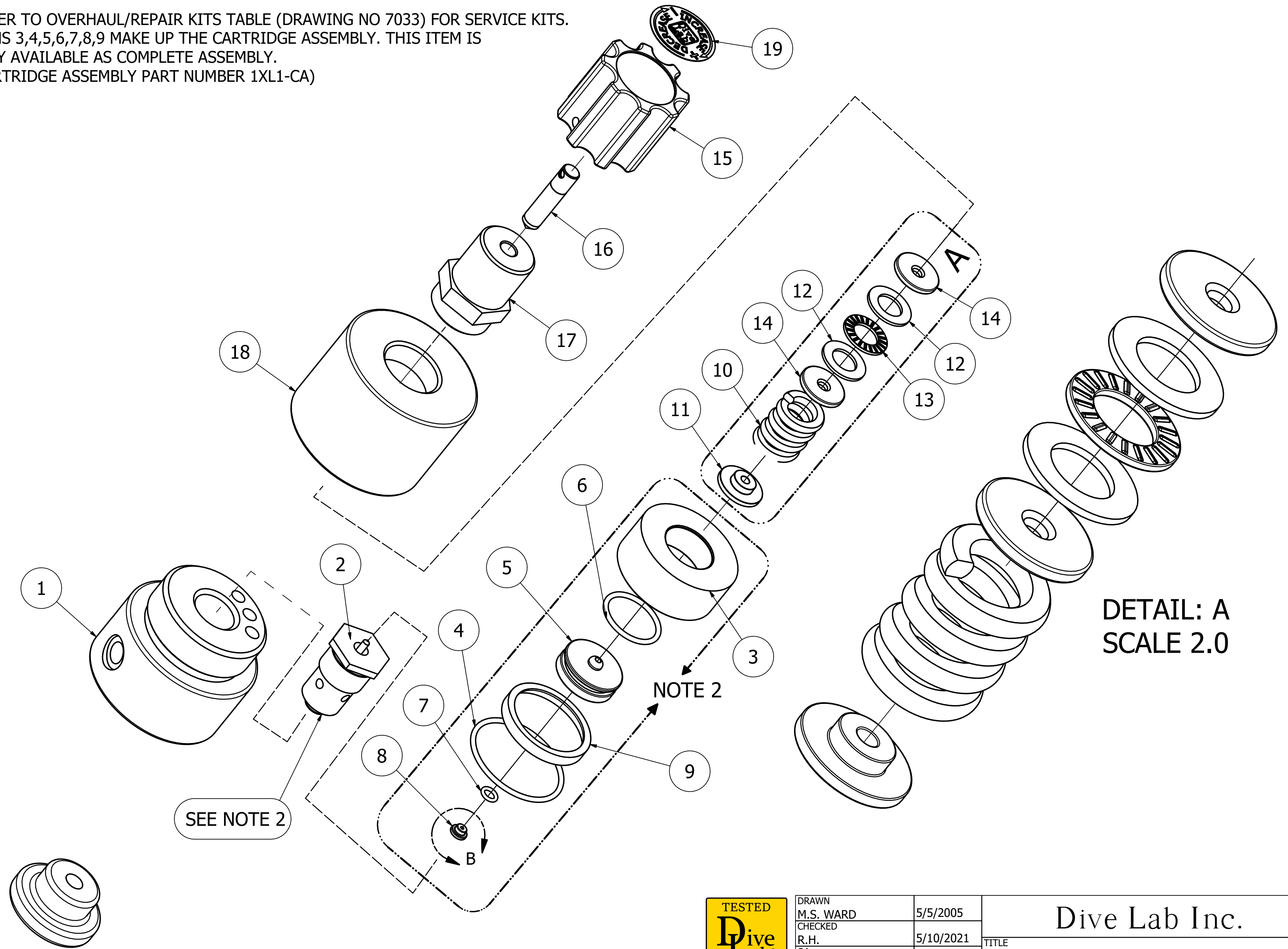


3	0XL11070	O-RING -110, 70D	20
1	1XL27C	GAUGE COVERS	19
3	1XL45	DUST PLUG LANYARD	18
3	1XL110	PUSH ON HOSE BARB x 1/4 MNPT	17
1	1XL46-18R	HOSE TO RED UMBILICAL	16
3	1XL6-6	NUT, PNEUMO VALVE	15
3	PNEUMO VALVE FERRUL WASHER	WASHER	14
3	PNEUMO VALVE HOSE FERRUL	FERRUL	13
3	1XL42	QUICK DISCONNECT 1/4 FNPT	12
3	1XL17C	HOSE BARB x FLARE	11
1	1XL46-28Y	28" HOSE TO YELLOW MANIFOLD- PNEUMO VALVE	10
1	1XL46-24Y	HOSE TO YELLOW UMBILICAL	9
1	1XL46-36G	HOSE TO GREEN MAINFOLD- PNEUMO VALVE	8
1	1XL46-22G	22" HOSE TO GREEN UMBILICAL	7
1	1XL46-50R	50" HOSE TO RED MANIFOLD-PNEUMO VALVE	6
6	1XL17B	PUSH ON HOSE BARB x 1/8 MNPT	5
3	1XL16B	TEE 1/4 x 1/8 x 1/8 FNPT	4
1	1XL29G	0-250 FSW GAUGE GREEN	3
1	1XL29R	0-250 FSW GAUGE RED	2
1	1XL29Y	0-250 FSW GAUGE YELLOW	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
GAUGE PANEL PARTS			



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

- NOTES:
1. REFER TO OVERHAUL/REPAIR KITS TABLE (DRAWING NO 7033) FOR SERVICE KITS.
 2. ITEMS 3,4,5,6,7,8,9 MAKE UP THE CARTRIDGE ASSEMBLY. THIS ITEM IS ONLY AVAILABLE AS COMPLETE ASSEMBLY.
(CARTRIDGE ASSEMBLY PART NUMBER 1XL1-CA)



DETAIL B
SCALE 4.1

DETAIL: A
SCALE 2.0

NOTE 2

SEE NOTE 2



DRAWN	M.S. WARD	5/5/2005
CHECKED	R.H. QA	5/10/2021
MFG		5/10/2021
APPROVED	M.F. WARD	5/10/2021

Dive Lab Inc.			
REGULATOR 0-400 AQUA ENVIRONMENT			
SIZE	C	DWG NO	7015
SCALE		REV	5/10/2021
SHEET 1		OF 2	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	

4

3

2

1

1

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

1XL1-CA

1XL1-19 R,Y,G

1XL1-18

1XL1-17

1XL1-16

1XL1-15

1XL1-14

1XL1-13

1XL1-12

1XL1-11

1XL1-10

1XL1-9

1XL1-8

1XL1-7

1XL1-6

1XL1-5

1XL1-4

1XL1-3

1XL1-2
- 1XL1-2A

1XL1-1

CARTRIDGE ASSEMBLY, (ITEMS 3,4,5,6,7,8,9)
OVERHAUL ITEM (NOTE 2)

DECAL, KNOB SPECIGY R,G,Y AFTER PN#

REG TOP

STEM CAP

STEM

KNOB

BRASS WASHER

ROLLER BEARING

STAINLESS STEEL WASHER

SPRING PAD

SPRING

STOP RING (SEE NOTE 2)

SEAT (SEE NOTE 2)

O-RING (SEE NOTE 2)

O-RING (SEE NOTE 2)

PISTON SEE NOTE 2)

O-RING (SEE NOTE 2)

PISTON HOUSING (SEE NOTE 2)

POPPET ASSEMBLY (SEE NOTE 2)
POPPET O-RING

REG BOTTOM

20

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

QTY

DIVE LAB PART NO

DESCRIPTION

ITEM

1XL1 0-400 AQUA ENVIRONMENT REGULATOR

TESTED

Dive Lab

FLORIDA

DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407

VOICE: 850-235-2715 FAX: 850-235-0858

.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES

DRAWN

M.S. WARD

CHECKED

R.H.

QA

MFG

APPROVED

M.F. WARD

5/5/2005

5/10/2021

5/10/2021

5/10/2021

TITLE

Dive Lab Inc.

REGULATOR 0-400

AQUA ENVIRONMENT

SIZE

C

DWG NO

7015

REV

5/10/2021

SCALE

SHEET 2 OF 2

4

3

2

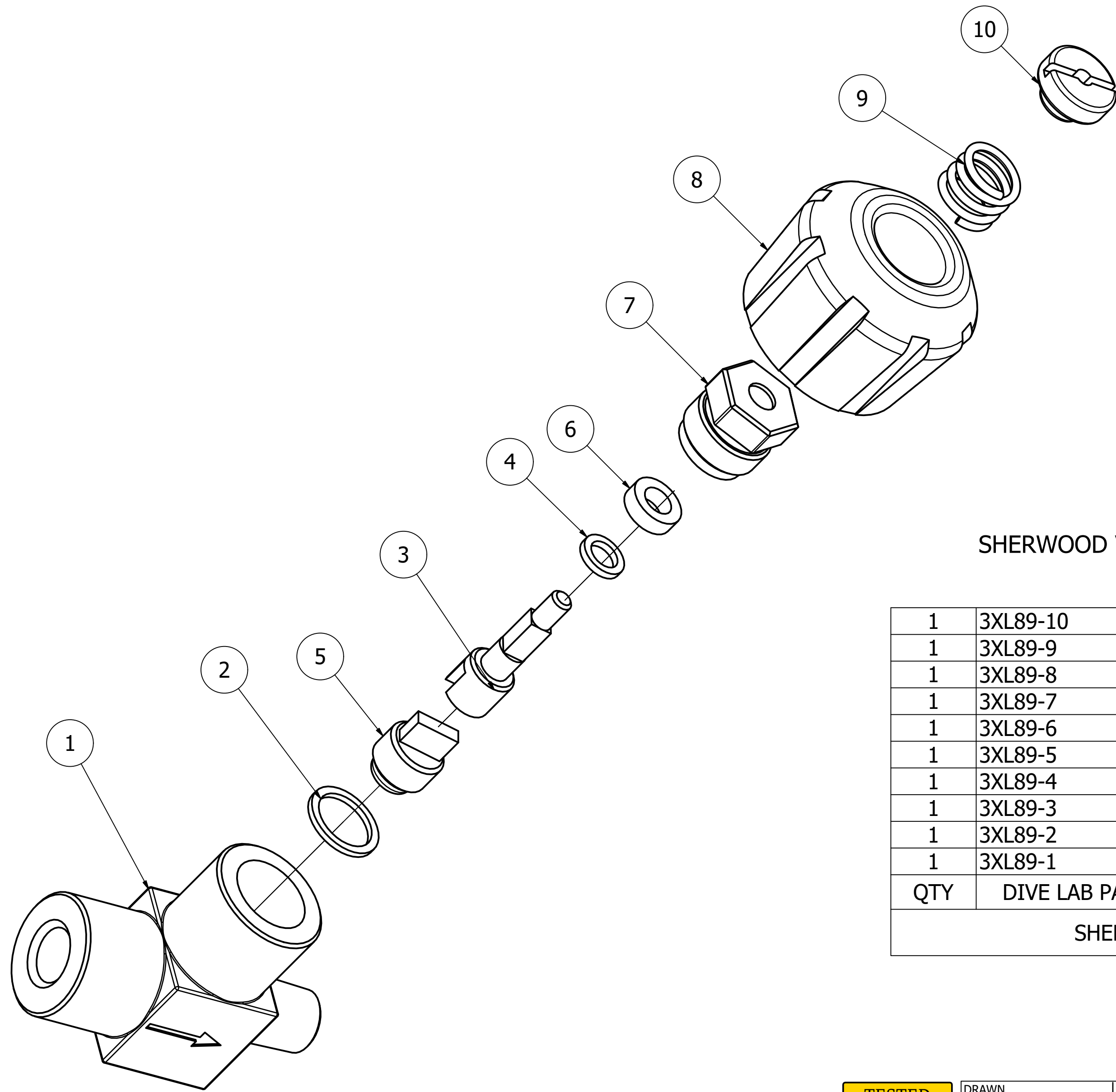
1

4

3

2

1



SHERWOOD VALVE REBUILD KIT # 3XL89-RK

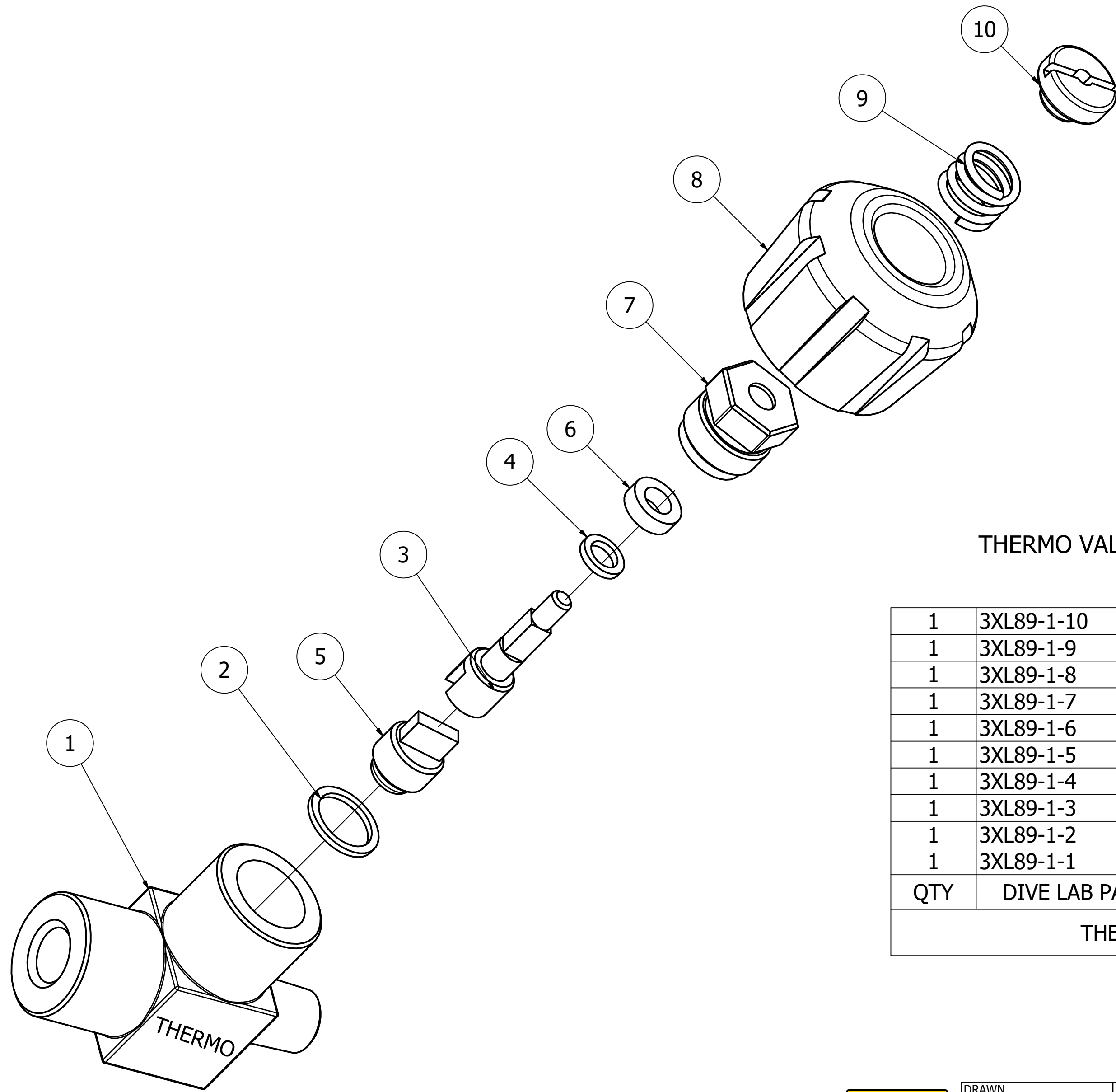
1	3XL89-10	LOCK NUT	10
1	3XL89-9	SPRING	9
1	3XL89-8	KNOB	8
1	3XL89-7	PACKING NUT	7
1	3XL89-6	PACKING	6
1	3XL89-5	SEAT	5
1	3XL89-4	WASHER	4
1	3XL89-3	STEM	3
1	3XL89-2	WASHER, COPPER	2
1	3XL89-1	BODY	1
QTY	DIVE LAB PART NO	DESCRIPTION	ITEM
SHERWOOD HP VALVE 3XL89			



DRAWN M.S. WARD	5/18/2005
CHECKED R.H. QA	1/16/2012
MFG	
APPROVED M.F. WARD	1/16/2012

Dive Lab Inc.			
TITLE SHERWOOD VALVE HIGH PRESSURE			
SIZE C	DWG NO 7010	REV 5/5/2021	
SCALE	SHEET 1 OF 1		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	



THERMO VALVE REBUILD KIT # 3XL89-1-RK

1	3XL89-1-10	LOCK NUT	10
1	3XL89-1-9	SPRING	9
1	3XL89-1-8	KNOB	8
1	3XL89-1-7	PACKING NUT	7
1	3XL89-1-6	PACKING	6
1	3XL89-1-5	SEAT	5
1	3XL89-1-4	O-RING	4
1	3XL89-1-3	STEM	3
1	3XL89-1-2	WASHER, COPPER	2
1	3XL89-1-1	BODY	1
QTY	DIVE LAB PART NO	DESCRIPTION	ITEM
THERMO HP VALVE 3XL89-1			

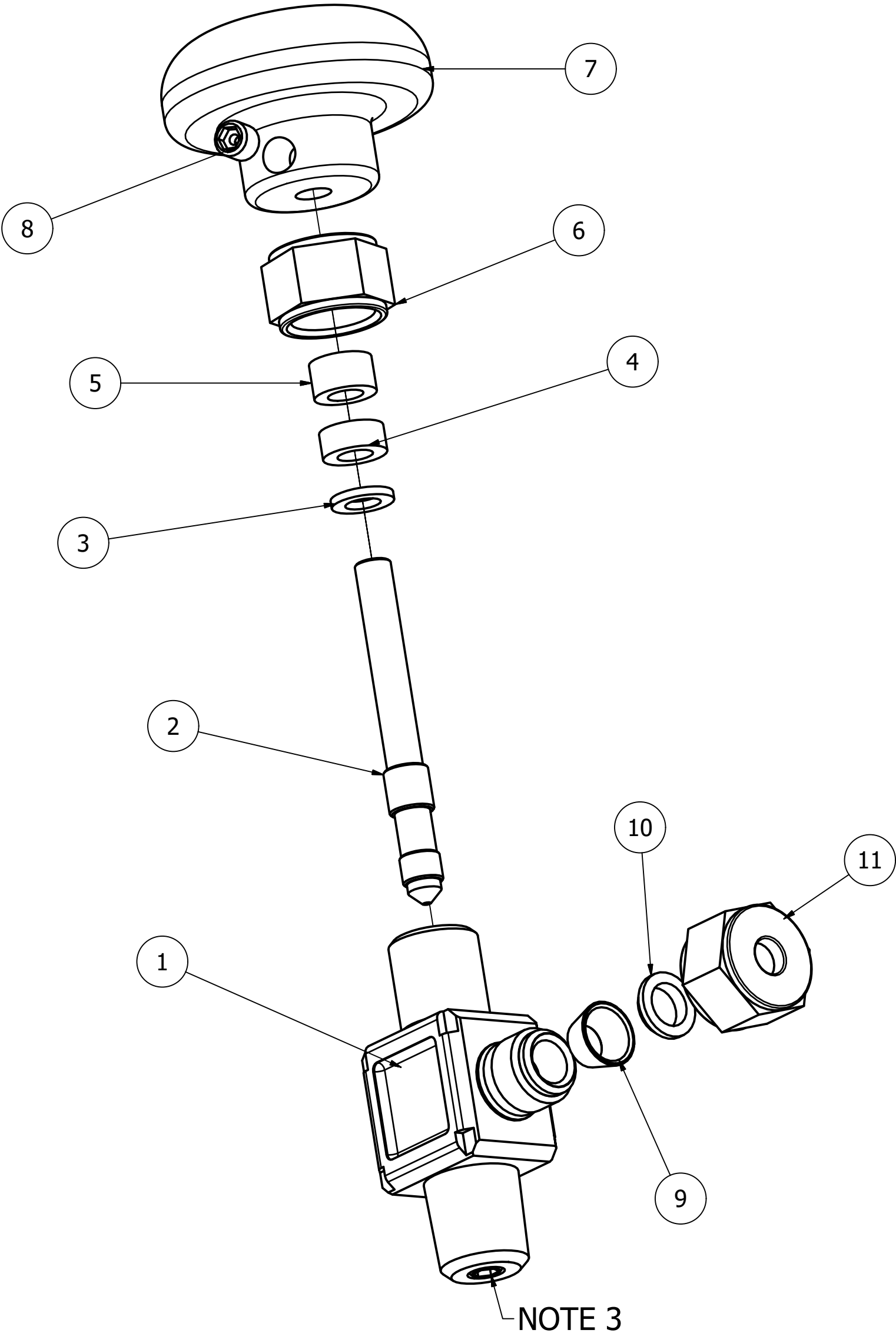


DRAWN	M.S. WARD	5/18/2005
CHECKED	R.H. QA	1/16/2012
MFG		
APPROVED	M.F. WARD	1/16/2012

Dive Lab Inc.			
THERMO VALVE HIGH PRESSURE			
SIZE	C	DWG NO	7010A
SCALE		REV	5-5-2021
SHEET 1		OF 1	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	

1. VALVE BODY, ITEM 1 HAS BEEN MODIFIED
FOR A PERMANENT FLOW RESTRICTOR.



REPAIR KIT #1XL6-RK

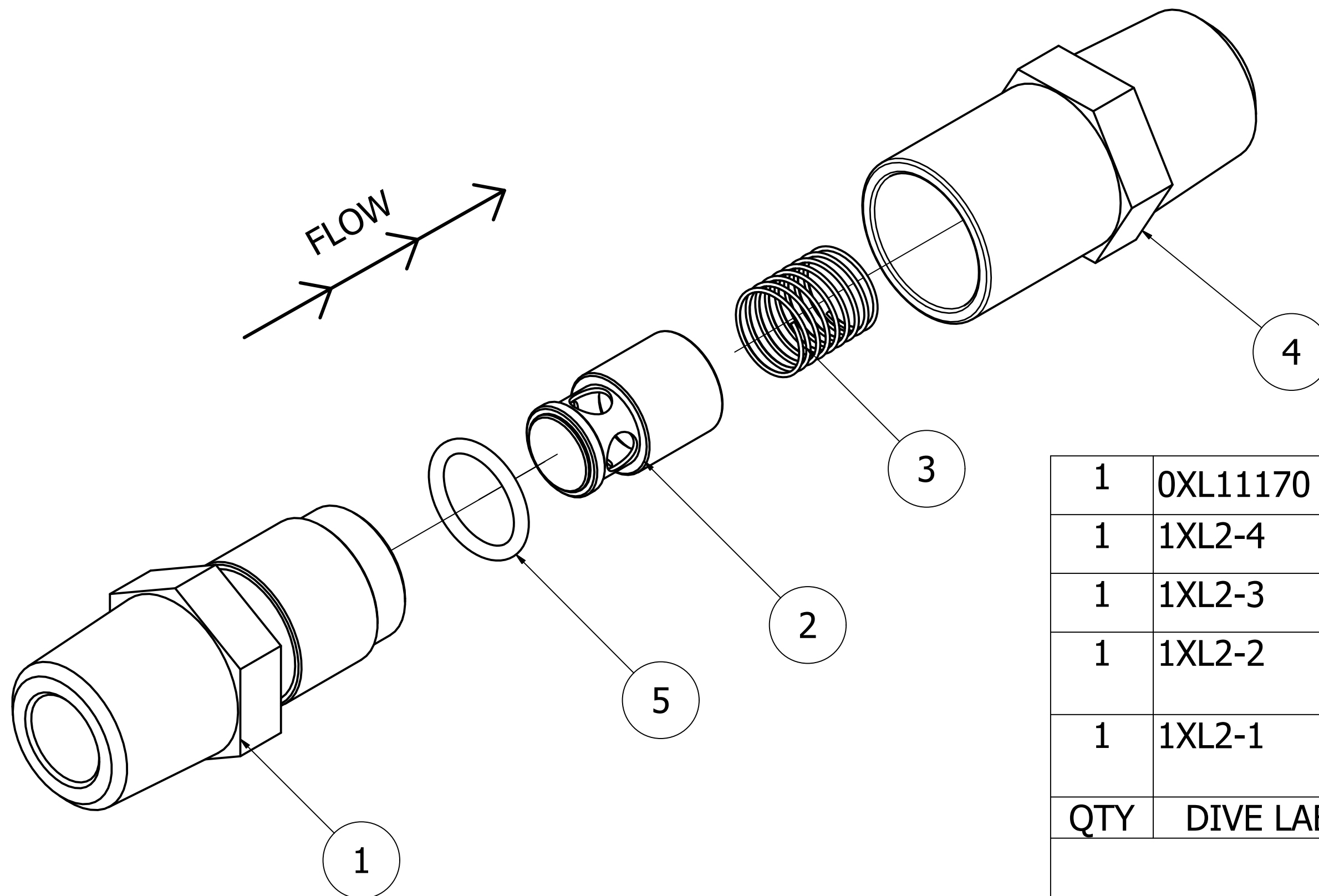
1	1XL6C-11	NUT	11
1	1XLC-10	WASHER, FERRUL	10
1	1XL6-9	FERRUL	9
1	1XL6-8	SET SCREW, KNOB	8
1	1XL6-7	KNOB	7
1	1XL6-6	NUT, STEM	6
1	1XL6-5	SPACER	5
1	1XL6-4R	PACKING	4
1	1XL6-3R	WASHER	3
1	1XL6-2	STEM	2
1	1XL6-1	BODY	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
PNEUMO VALVE STAINLESS SOFT SEAT, 1XL6			

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	



DRAWN MIKE S. WARD	8/22/2005
CHECKED R.H. QA	1/12/2012
MFG	
APPROVED M.F. WARD	1/12/2012

Dive Lab Inc.			
PNEUMO VALVE SOFT SEAT (MODIFIED)			
SIZE C	DWG NO 7019	REV 5/5/2021	
SCALE	SHEET 1 OF 1		



1	0XL11170	O-RING -111, 70D	5
1	1XL2-4	BODY	4
1	1XL2-3	SPRING	3
1	1XL2-2	SPRING HOUSING	2
1	1XL2-1	MAIN HOUSING	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
CHECK VALVE 1XL2			

**NOTE. ITEM#3 IS NOT PART OF THE SOFT GOODS SERVICE KIT.
ORDER 1XL2-3RK FOR SPRING**

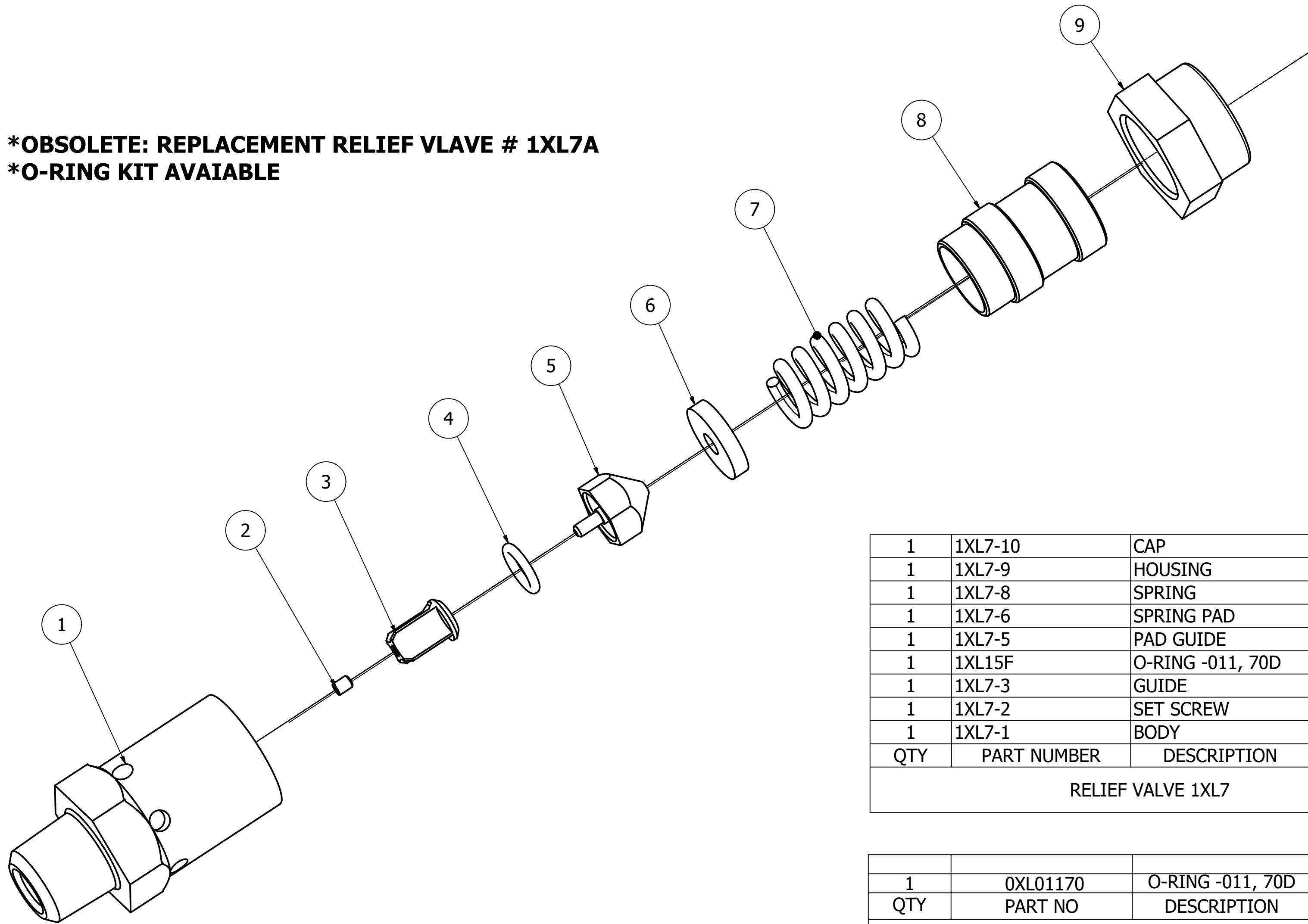
1	1XL2-3RK	SPRING	3
1	0XL11170	O-RING -111, 70D	5
QTY	DIVE LAB PART NO	DESCRIPTION	ITEM
1XL2RK SERVICE KIT			



DRAWN MIKE S. WARD	5/6/2005	Dive Lab Inc.		
CHECKED R.H. QA	1/12/2012			
MFG				
APPROVED M.F. WARD	1/12/2012	CHECK VALVE 1XL2		
		SIZE C	DWG NO 7024	REV 5/5/2021
		SCALE	SHEET 1 OF 1	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
COPYRIGHT 2012 DIVE LAB INC.	
.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES	

***OBSOLETE: REPLACEMENT RELIEF VLAVE # 1XL7A**
***O-RING KIT AVAIABLE**



1	1XL7-10	CAP	9
1	1XL7-9	HOUSING	8
1	1XL7-8	SPRING	7
1	1XL7-6	SPRING PAD	6
1	1XL7-5	PAD GUIDE	5
1	1XL15F	O-RING -011, 70D	4
1	1XL7-3	GUIDE	3
1	1XL7-2	SET SCREW	2
1	1XL7-1	BODY	1
QTY	PART NUMBER	DESCRIPTION	ITEM
RELIEF VALVE 1XL7			

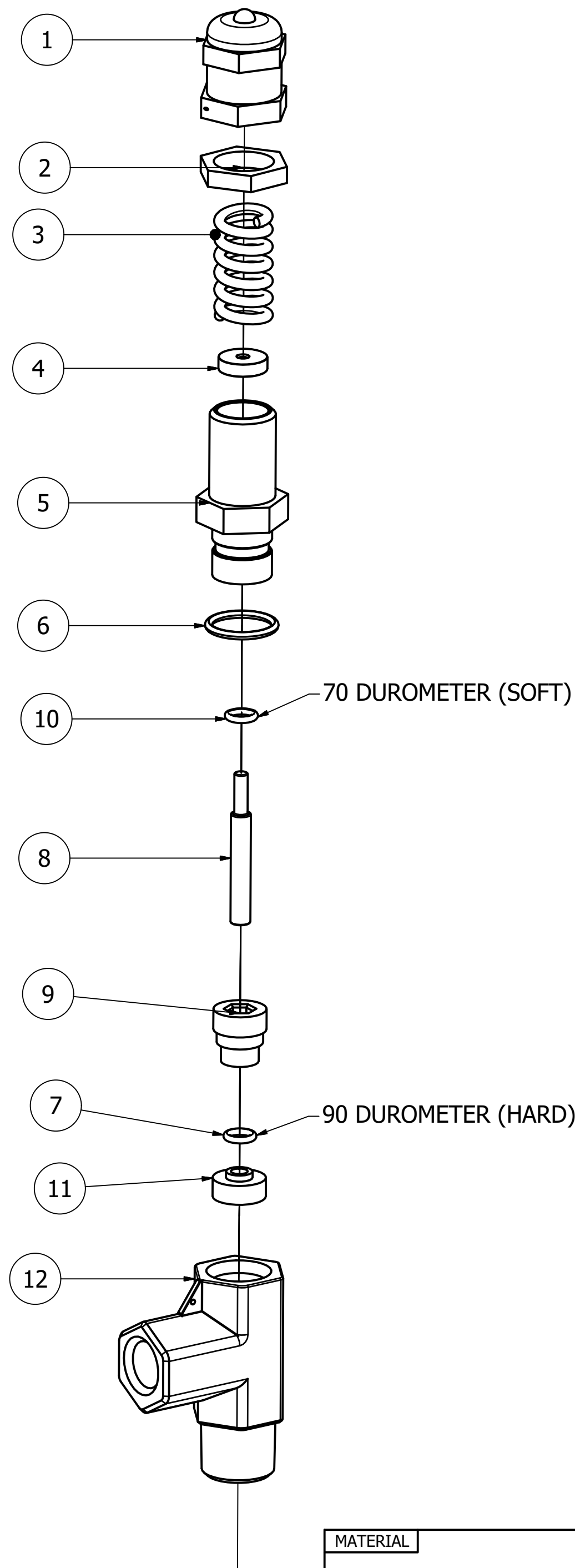
1	0XL01170	O-RING -011, 70D	4
QTY	PART NO	DESCRIPTION	ITEM
1XL7RK SERVICE KIT			



DRAWN	M.S. WARD	5/5/2005
CHECKED	R.H. QA	1/12/2012
MFG		
APPROVED	M.F. WARD	1/12/2012

Dive Lab Inc.			
RELIEF CIRCLE SEAL			
SIZE	C	DWG NO	REV 5/5/2021
SCALE		SHEET 1 OF 1	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	



1	BODY	1XL7A-13	12
1	BODY SEAT	1XL7A-12	11
1	O-RING -106 70 DUROMETER	1XL7A-14	10
1	STEM SEAT	1XL7A-10	9
1	STEM	1XL7A-9	8
1	O-RING -106 90 DUROMETER	1XL7A-8	7
1	O-RING -015 70 DUROMETER	1XL7A-6	6
1	BONNET	1XL7A-5	5
1	SPRING DISK	1XL7A-4 (SPRING KIT)	4
1	SPRING	1XL7A-3 (SPRING KIT)	3
1	LOCK NUT	1XL7A-2	2
1	CAP	1XL7A-1	1
QTY	DESCRIPTION	DIVE LAB PART NO	ITEM
RELIEF 1XL7A			

**NOTE: ITEMS 3 & 4 DO NOT COME IN THE SOFT GOODS SERVICE KIT.
ORDER PART NUMBER 1XL7ASK SPRING KIT**

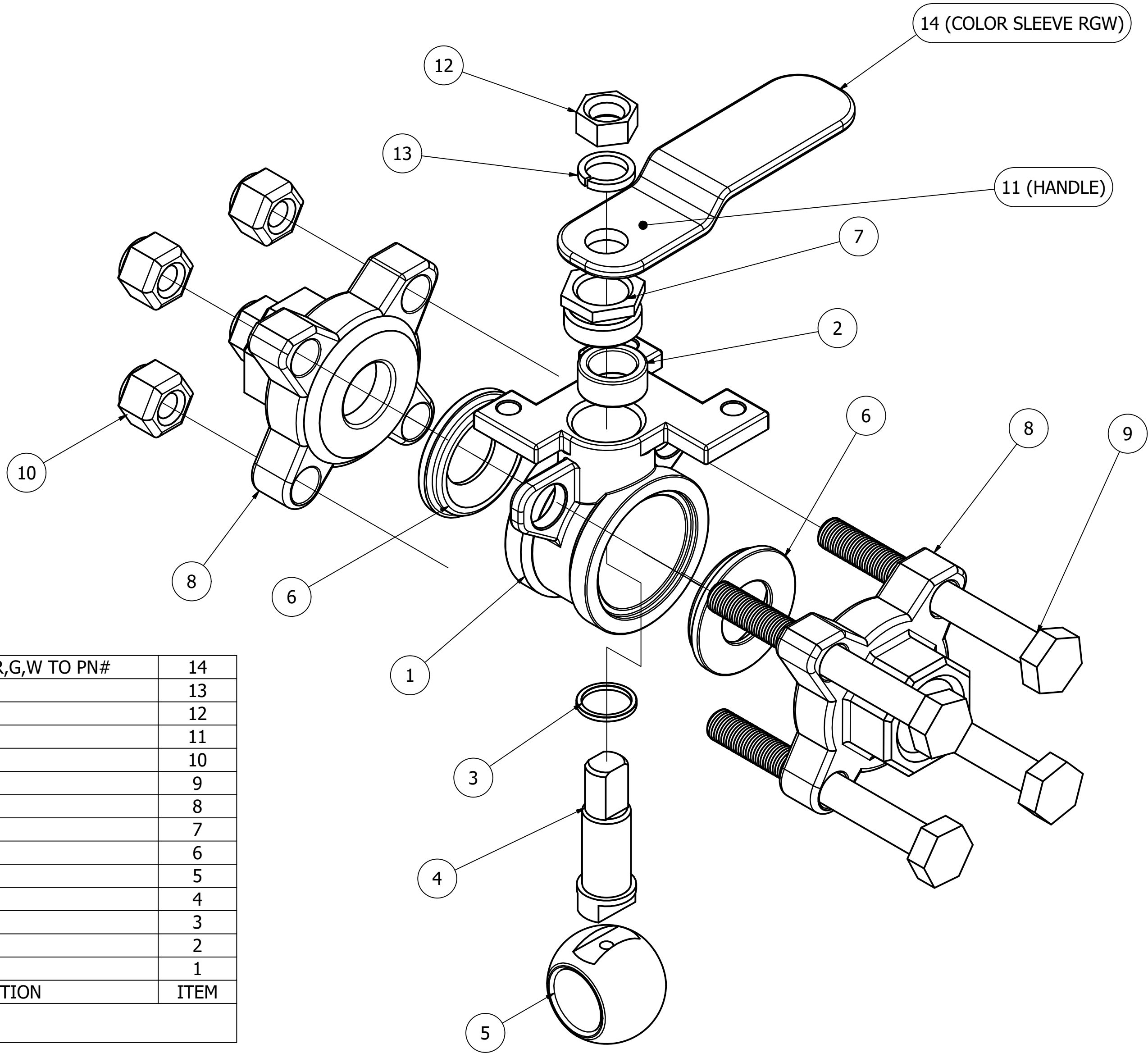
1	SPRING KIT (SEE NOTE)	1XL7ASK	3 & 4
1	O-RING -106, 90D	1XL7A-8	7
1	O-RING -106, 70D	1XL7A-14	10
1	O-RING -015, 70D	1XL7A-6	6
QTY	DESCRIPTION	DIVE LAB PART NO	ITEM
1XL7ARK SERVICE KIT RELIEF VALVE			



DRAWN M.S. WARD	11/2/2011	Dive Lab Inc.		
CHECKED R.H. QA	1/12/2012	RELIEF VALVE		
MFG		SIZE C	DWG NO 7017	REV 2022
APPROVED M.F. WARD	1/12/2012	SCALE	SHEET 1 OF 1	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
COPYRIGHT 2011 DIVE LAB INC.	
.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES	

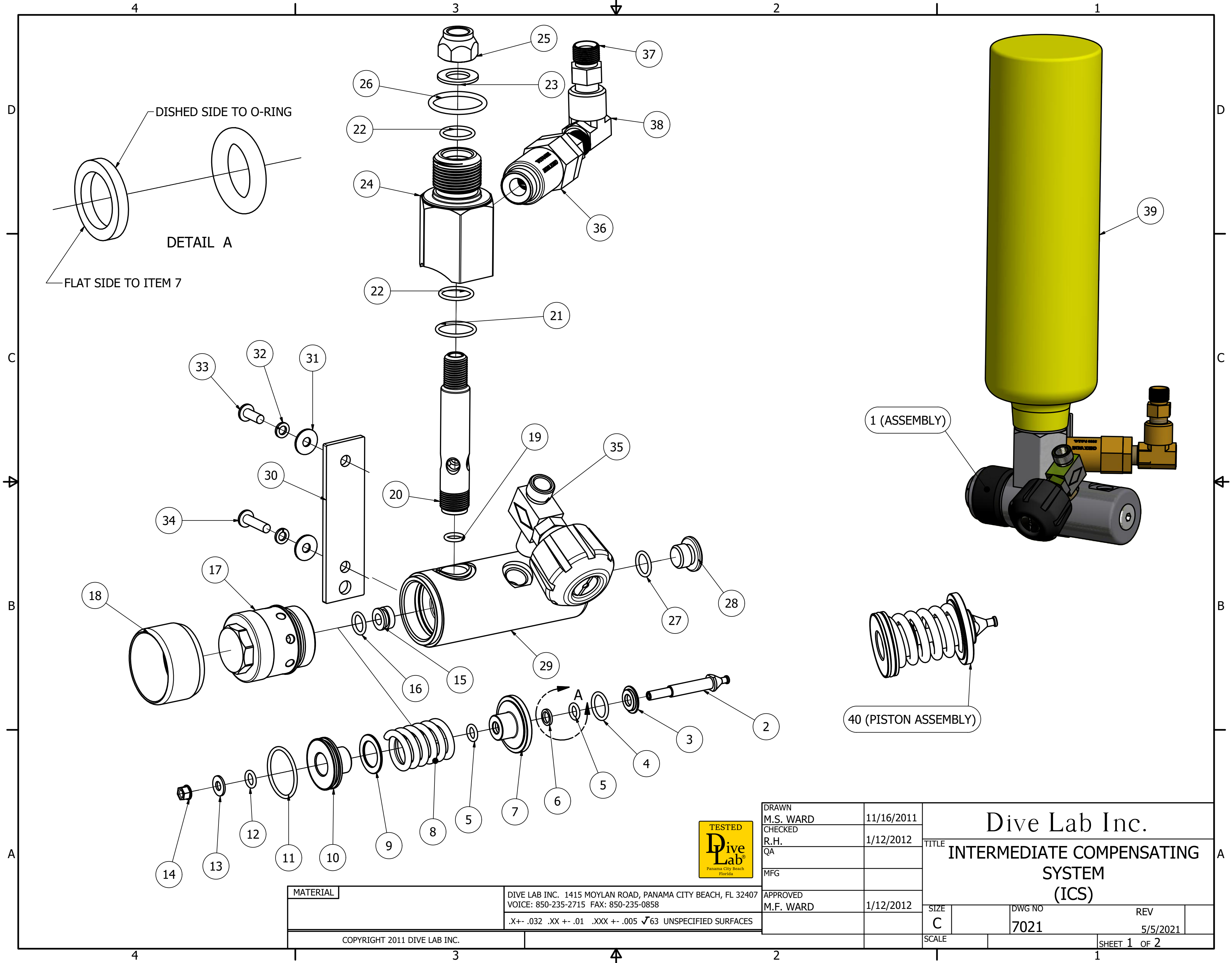
-	1XL97-RGW	HANDLE SLEEVE ADD R,G,W TO PN#	14
1	1XL8-13	WASHER, HANDLE	13
1	1XL8-12	NUT, HANDLE	12
1	1XL8-11	HANDLE (MODIFIED)	11
4	1XL8-10	NUT, NYLOK	10
4	1XL8-9	BOLT	9
2	1XL8-8	VALVE END	8
1	1XL8-7	STEM CAP	7
2	1XL8-6	END SEAL	6
1	1XL8-5	BALL	5
1	1XL8-4	STEM	4
1	1XL8-3	WASHER, STEM	3
1	1XL8-2	VALVE PACKING	2
1	1XL8-1	BODY, CENTER	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
BALL VALVE 1XL8			



DRAWN MIKE S. WARD	5/5/2005
CHECKED R.H. QA	1/12/2012
MFG	
APPROVED M.F. WARD	1/12/2012

Dive Lab Inc.			
TITLE BALL VALVE			
SIZE C	DWG NO 7025	REV 5/5/2021	
SCALE	SHEET 1 OF 1		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
COPYRIGHT 2011 DIVE LAB INC.	
.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES	



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407
	VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

COPYRIGHT 2011 DIVE LAB INC.

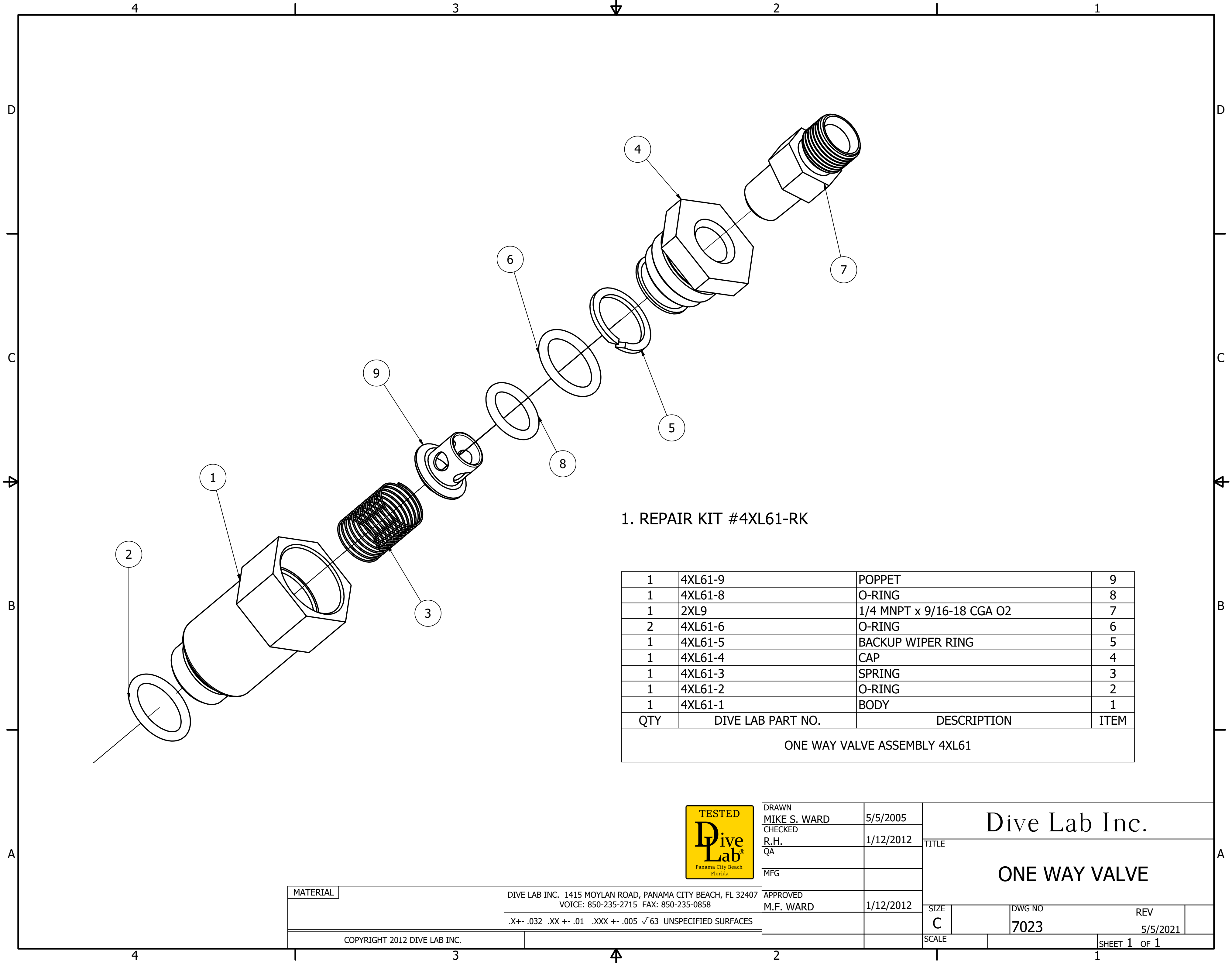
DRAWN	M.S. WARD	11/16/2011
CHECKED	R.H. QA	1/12/2012
MFG		
APPROVED	M.F. WARD	1/12/2012

Dive Lab Inc.			
TITLE INTERMEDIATE COMPENSATING SYSTEM (ICS)			
SIZE	C	DWG NO	7021
SCALE		REV	5/5/2021
SHEET 1 OF 2			

-	4XL68	PISTON ASSEMBLY	40
1	4XL54	BOTTLE, SURGE	39
1	4XL67	STREET ELBOW 90 DEG 1/4 MNPT x 9/16-18 UNF (O2)	38
1	2XL9	1/4 x 9/16-18 UNF,(CGA O2) BRASS	37
1	4XL61	ONE WAY VALVE	36
1	4XL66	EMERGENCY GAS VALVE	35
1	4XL63A	SCREW 10-24 UNC x 1	34
1	4XL63	SCREW 10-24 UNC x 1/2	33
2	4XL51B	LOCK WASHER #10	32
2	4XL51A	FLAT WASHER #10	31
1	4XL51	HARNESS PLATE	30
1	4XL62-11	BODY, ICS	29
1	1XL15C	PLUG, BIG BORE	28
1	0XL01370	O-RING -013 70D	27
1	0XL21470	O-RING -214 70D	26
1	4XL62-2	NYLOK NUT	25
1	4XL62-4	BOTTLE ADAPTER, ICS	24
1	4XL62-1	WASHER, ICS	23
2	0XL01670	O-RING -016, 70D	22
1	0XL01870	O-RING -018, 70D	21
1	4XL62-8	SHAFT, ICS	20
1	0XL01170	O-RING -011, 70D	19
1	4XL169	ENVIRO CAP	18
1	4XL62-12	CAP, ICS	17
1	0XL01270	O-RING -012, 70D	16
1	4XL62-3	SEAT	15
1	4XL62-27	NUT	14
1	4XL62-26	WASHER	13
1	0XL00870	O-RING -008, 70D	12
1	0XL02270	O-RING -022, 70D	11
1	4XL62-23	PISTON	10
SEE MANUAL	4XL62-22	SHIM	9
1	4XL62-21	SPRING	8
1	4XL62-19	PACKING DISK	7
1	4XL62-18	PLASTIC WASHER	6
2	0XL01070	O-RING -010, 70D	5
1	0XL01470	O-RING -014	4
1	4XL62-15	DISC	3
1	4XL62-14	POPPET SHAFT	2
-	4XL62	ICS ASSEMBLY (AS SHOWN)	1
QTY.	DIVE LAB PART NO.	DESCRIPTION	ITEM
INTERMEDIATE COMPENSATING SYSTEM (ICS)			



DRAWN M.S. WARD	11/16/2011	Dive Lab Inc. Copyright 2012				
CHECKED R.H.	1/12/2012					
QA		TITLE INTERMEDIATE COMPENSATING SYSTEM (ICS)				
MFG						
APPROVED M.F. WARD	1/12/2012					
		SIZE C		DWG NO 7021	REV 5/5/2021	
		SCALE			SHEET 2 OF 2	



1. REPAIR KIT #4XL61-RK

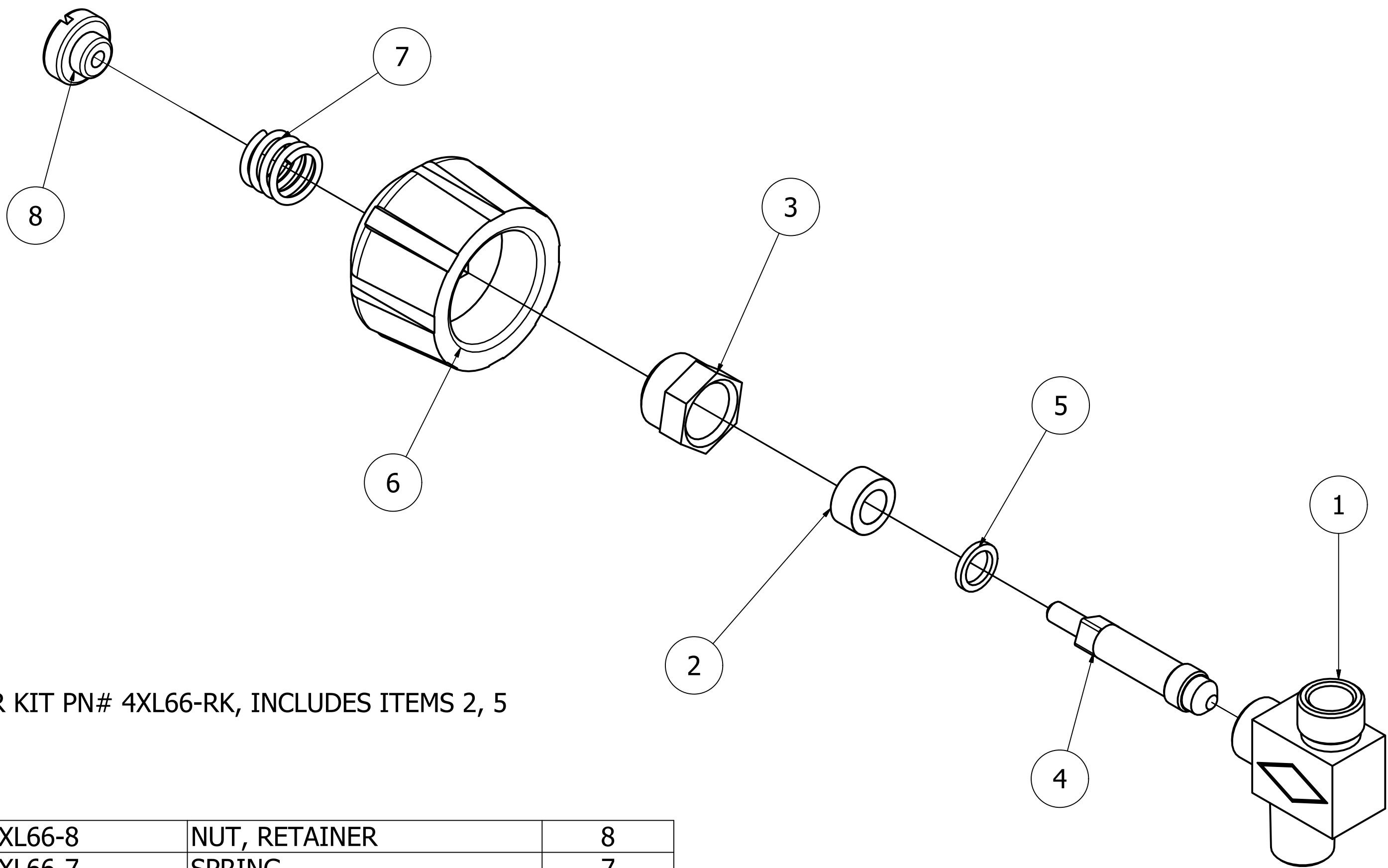
1	4XL61-9	POPPET	9
1	4XL61-8	O-RING	8
1	2XL9	1/4 MNPT x 9/16-18 CGA O2	7
2	4XL61-6	O-RING	6
1	4XL61-5	BACKUP WIPER RING	5
1	4XL61-4	CAP	4
1	4XL61-3	SPRING	3
1	4XL61-2	O-RING	2
1	4XL61-1	BODY	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
ONE WAY VALVE ASSEMBLY 4XL61			



DRAWN MIKE S. WARD	5/5/2005
CHECKED R.H. QA	1/12/2012
MFG	
APPROVED M.F. WARD	1/12/2012

Dive Lab Inc.			
TITLE ONE WAY VALVE			
SIZE C	DWG NO 7023	REV 5/5/2021	
SCALE	SHEET 1 OF 1		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	



1. REPAIR KIT PN# 4XL66-RK, INCLUDES ITEMS 2, 5

1	4XL66-8	NUT, RETAINER	8
1	4XL66-7	SPRING	7
1	4XL66-6	KNOB	6
1	4XL66-5	WASHER, BRASS	5
1	4XL66-4	STEM	4
1	4XL66-3	NUT, PACKING	3
1	4XL66-2	PACKING	2
1	4XL66-1	BODY	1
QTY	DIVE LAB PART	DESCRIPTION	ITEM
EGS VALVE 4XL66			



DRAWN MIKE S. WARD	5/6/2005	Dive Lab Inc.		
CHECKED R.H. QA	1/12/2012			
MFG		EGS VALVE		
APPROVED M.F. WARD	1/12/2012	SIZE C	DWG NO 7022	REV 5/5/2021
SCALE		SHEET 1 OF 1		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
COPYRIGHT 2012 DIVE LAB INC.	
.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES	



4XL56	CYLINDER BAND	11
4XL56B	CYLINDER BAND PADS	10
4XL54	ICS SURGE BOTTLE	9
4XL79A	1ST STAGE RELIEF VALVE (XS SCUBA)	8
4XL79	1ST STAGE RELIEF VALVE (KMDSI)	7
4XL75A	TANK VALVE	6
4XL77	H.P. MINI PRESSURE GAUGE	5
4XL76	CONSHelf 1ST STAGE REGULATOR	4
4XL75	30CF EGS CYLINDER	3
	ICS HARNESS STRAP KIT (4 STRAPS)	2
4XL69	MILLER NORTH SEA HARNESS	1
DIVE LAB PART NO.	DESCRIPTION	ITEM
MILLER NORTH SEA HARNESS		



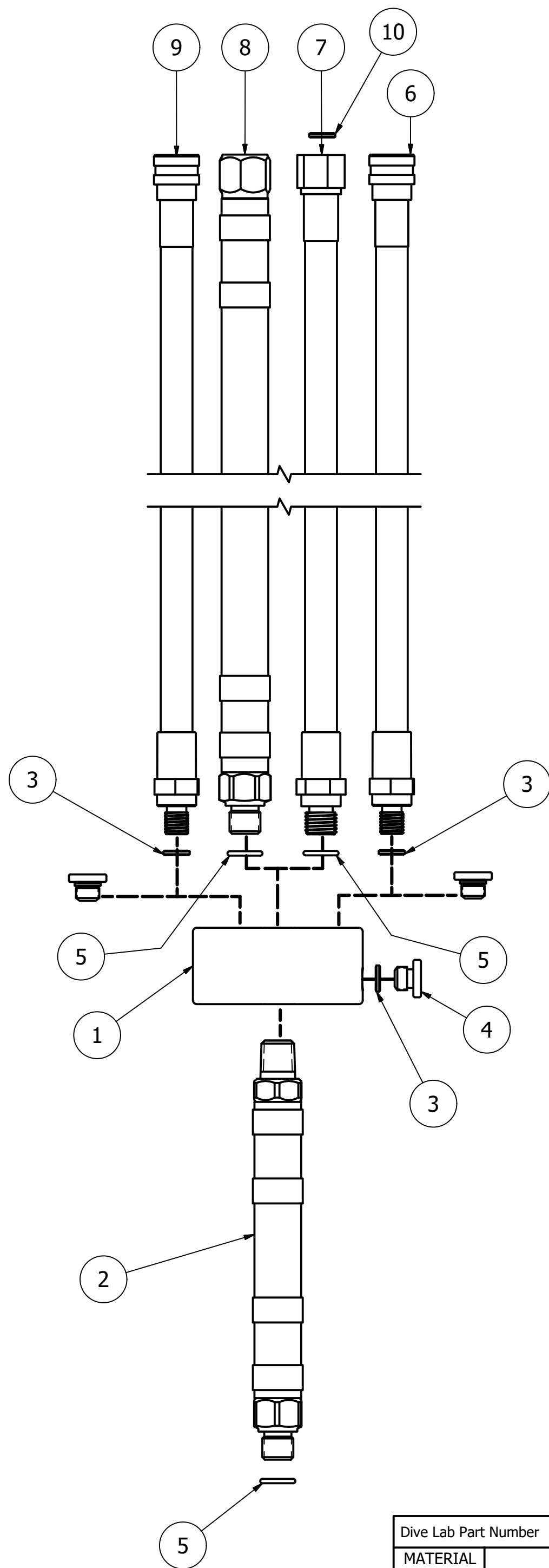
DRAWN MIKE WARD	1/31/2012	TITLE MILLER HARNESS		
CHECKED R.H. QA	1/31/2012			
MFG		SIZE C		
APPROVED M.F. WARD	1/31/2012			
		SCALE	DWG NO 7030	REV -
		SHEET 1 OF 1		



4XL54	ICS SURGE BOTTLE (SEE ICS)	9
4XL79A	1ST STAGE RELIEF VALVE (XS SCUBA)	8
4XL79	1ST STAGE RELIEF VALVE (KMDSI)	7
4XL75A	TANK VALVE	6
4XL77	H.P. MINI PRESSURE GAUGE	5
4XL76	CONSHelf 1ST STAGE REGULATOR	4
4XL75	30CF EGS CYLINDER	3
4XLMG	ICS HARNESS STRAP KIT (4 STRAPS)	2
4XL69B	IDV HARNESS WITH BACK PLATE AND BUYONCY WING	1
DIVE LAB PART NO.	DESCRIPTION	ITEM
IDV BC HARNESS WITH BACK PLATE		



DRAWN MIKE WARD	1/31/2012	TITLE BUYONCY COMPENSATING HARNESS		
CHECKED R.H. QA	1/31/2012			
MFG		SIZE C		
APPROVED M.F. WARD	1/31/2012			
		DWG NO 7029	REV -	
SCALE		SHEET 1 OF 1		



1	0XL01070	O-RING -010, 70D	10
1	NOT PROVIDED	DRYSUIT INFLATOR HOSE, 3/8-24 UNF (NOT PROVIDED DUE TO SUIT VARIATIONS)	9
1	4XLHMG-A	HELMET MAIN GAS HOSE 34", 1/2-20 UNC x 9/16 O2	8
1	1XLAGA	(NOT SHOWN) INTERSPIRO (AGA) FULL FACE MASK HOSE 52", 1/2-20 UNC x M16x1mm	7
1	1XLFFM	FULL FACE MASK SCUBA HOSE 34", 1/2-20 UNC x SCUBA	7
1	4XL69B-1	BCD INFLATOR HOSE 24", 3/8-24 UNF	6
1	4XL69B-4	BCD INFLATOR HOSE 30", 3/8-24 UNF (STANDARD)	6
3	0XL01370	O-RING -013, 70D	5
3	1XL15D	PORT PLUG 3/8-24 UNF (QTY DEPENDS ON CONFIGURATION)	4
5	0XL01170	O-RING -011, 70D	3
1	4XL9	INTERFACE HOSE, ICS TO HOSE MANIFOLD, 1/2-20 UNC x 1/4 MNPT	2
1	4XL5	ICS HOSE MANIFOLD (SPLITTER BLOCK)	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
ICS HOSE MANIFOLD (SPLITTER BLOCK)			

1	0XL01070	O-RING -010, 70D	10
3	0XL01370	O-RING -013, 70D	5
5	0XL01170	O-RING -011, 70D	3
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
4XL002R ICS HOSE MANIFOLD (SPLITTER BLOCK) SERVICE KIT			

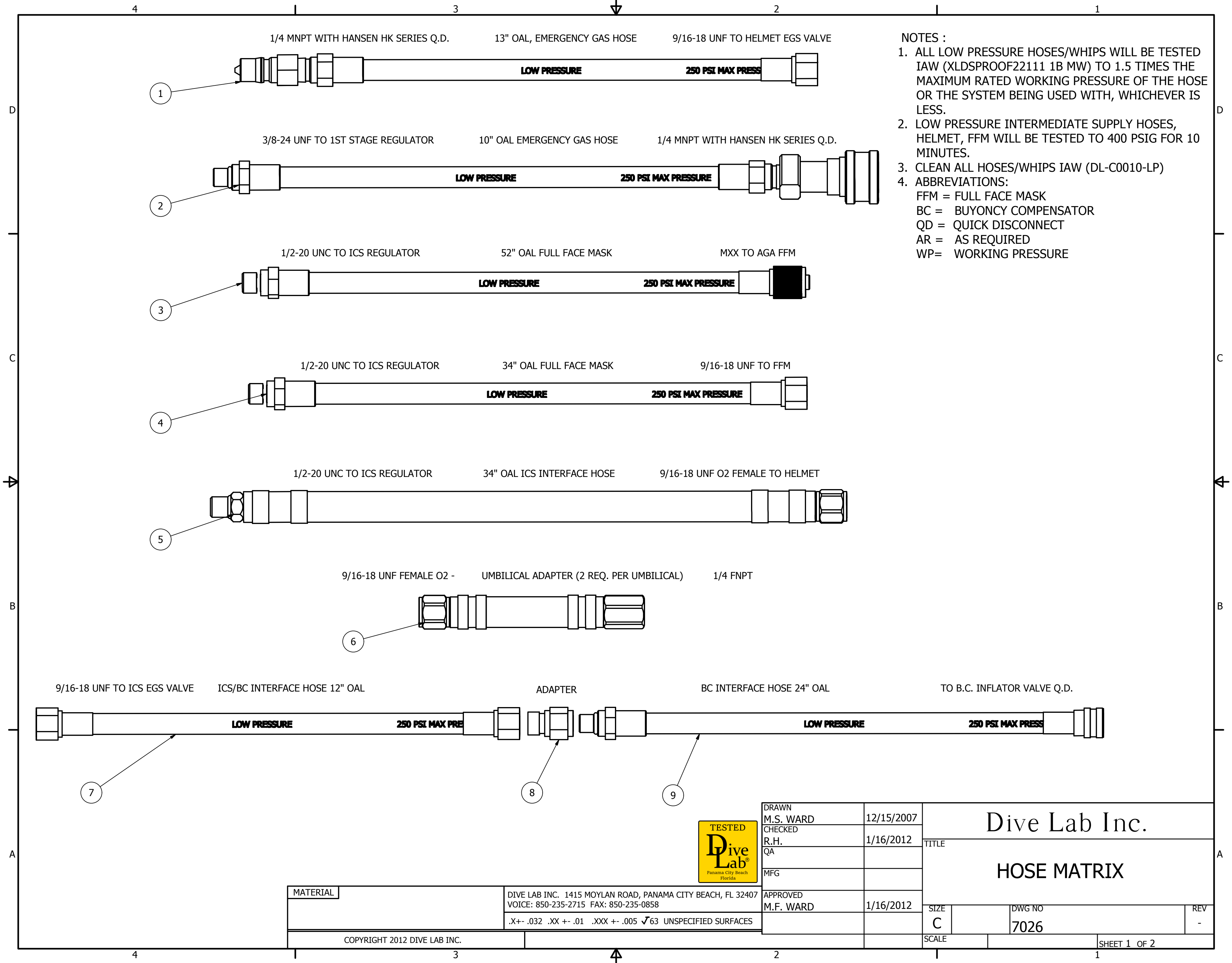
NOTE: DEPENDING ON CONFIGURATION YOU MAY NOT USE ALL THE KIT O-RINGS. AGA HOSE O-RING FOR SWIVEL END NOT PROVIDED.

Dive Lab Part Number	EMAIL: DIVE LAB@DIVE LAB.COM COPYRIGHT 2012 DIVE LAB INC.
MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
FINISH :	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES .017 MAX R. FOR UNSPECIFIED EDGES



DRAWN Mike Ward	7/22/2014
CHECKED	
QA	
MFG	
APPROVED	

Dive Lab Inc.			
TITLE ICS HOSE MANIFOLD (SPLITTER BLOCK)			
SIZE C	DWG NO 7060	REV 5/5/2021	
SCALE	SHEET 1 OF 1		



- NOTES :
- 1. ALL LOW PRESSURE HOSES/WHIPS WILL BE TESTED IAW (XLDSPROOF22111 1B MW) TO 1.5 TIMES THE MAXIMUM RATED WORKING PRESSURE OF THE HOSE OR THE SYSTEM BEING USED WITH, WHICHEVER IS LESS.
 - 2. LOW PRESSURE INTERMEDIATE SUPPLY HOSES, HELMET, FFM WILL BE TESTED TO 400 PSIG FOR 10 MINUTES.
 - 3. CLEAN ALL HOSES/WHIPS IAW (DL-C0010-LP)
 - 4. ABBREVIATIONS:
FFM = FULL FACE MASK
BC = BUYONCY COMPENSATOR
QD = QUICK DISCONNECT
AR = AS REQUIRED
WP= WORKING PRESSURE



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN	M.S. WARD	12/15/2007
CHECKED	R.H. QA	1/16/2012
MFG		
APPROVED	M.F. WARD	1/16/2012

Dive Lab Inc.		
TITLE		
HOSE MATRIX		
SIZE	C	DWG NO
		7026
SCALE		REV
		-

NOTES :

1. ALL LOW PRESSURE HOSES/WHIPS WILL BE TESTED IAW (XLDSPROOF22111 1B MW) TO 1.5 TIMES THE MAXIMUM RATED WORKING PRESSURE OF THE HOSE OR THE SYSTEM BEING USED WITH, WHICHEVER IS LESS.
2. LOW PRESSURE INTERMEDIATE SUPPLY HOSES, HELMET, FFM WILL BE TESTED TO 400 PSIG FOR 10 MINUTES.
3. CLEAN ALL HOSES/WHIPS IAW (DL-C0010-LP)
4. ABBREVIATIONS:

FFM = FULL FACE MASK

BC = BUYONCY COMPENSATOR

QD = QUICK DISCONNECT

AR = AS REQUIRED

WP= WORKING PRESSURE

1XL15G	-013, -013	24"/AR	4XL69B-2	ICS / BC INTERFACE HOSE FOR WING HARNESS LOW PRESSURE	9
4XL69-3	-	-	4XL69-3	HOSE ADAPTER 3/8-24 UNF x 9/16-18 UNF LOW PRESSURE	8
1XL15M	-010, -010	12"/AR	4XL69B-1	BC INTERFACE HOSE FOR WING HARNESS LOW PRESSURE	7
-	-	4"	2XL9	UMBILICAL ADAPTER HOSE 400 PSIG W.P. 2 REQ. PER DIVER	6
1XL15G	-013	34"/AR	4XLHMG-A	ICS INTERFACE HOSE, HELMET MAIN GAS LOW PRESSURE	5
1XL15G 1XL15M	-013 -010	34"/AR -	1XLFFM -	FFM HOSE- M48, EXO LOW PRESSURE	4
1XL15G 1XL15H	-013 1.6 x 9.1 mm	52"/AR	1XLAGA -	AGA FFM HOSE LOW PRESSURE	3
1XL15M -	-010 -	10"/AR -	4XL78B 4XL80-2	EGS HOSE (1ST STAGE REGULATOR) LOW PRESSURE HANSEN HK SERIES FEMALE QD	2
1XL15G	-013	13"/AR	4XL78A 4XL80-1	HELMET EGS HOSE LOW PRESSURE HANSEN HK SERIES MALE QD	1
O-RING PART NO	O-RING / S	LENGTH	DIVE LAB PART NO.	DESCRIPTION	ITEM
XLDS HOSE MATRIX / IDENTIFICATION					

TESTED

Dive Lab

Panama City Beach
Florida

DRAWN
M.S. WARD

CHECKED
R.H. QA

MFG

APPROVED
M.F. WARD

12/15/2007

1/16/2012

1/16/2012

MATERIAL

DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407
VOICE: 850-235-2715 FAX: 850-235-0858
.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

COPYRIGHT 2012 DIVE LAB INC.

TITLE

HOSE MATRIX

SIZE
C

DWG NO
7026

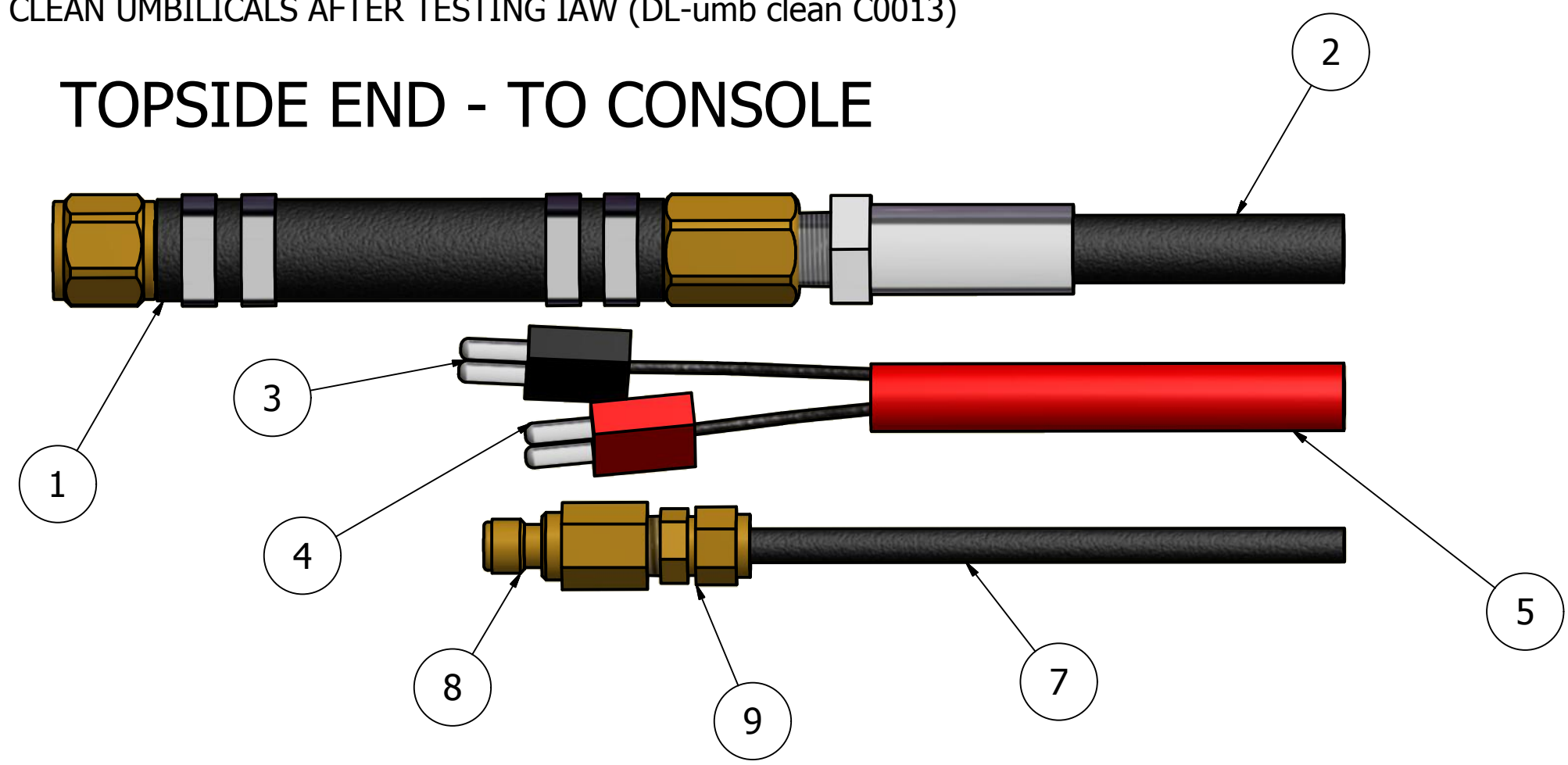
REV
-

SCALE

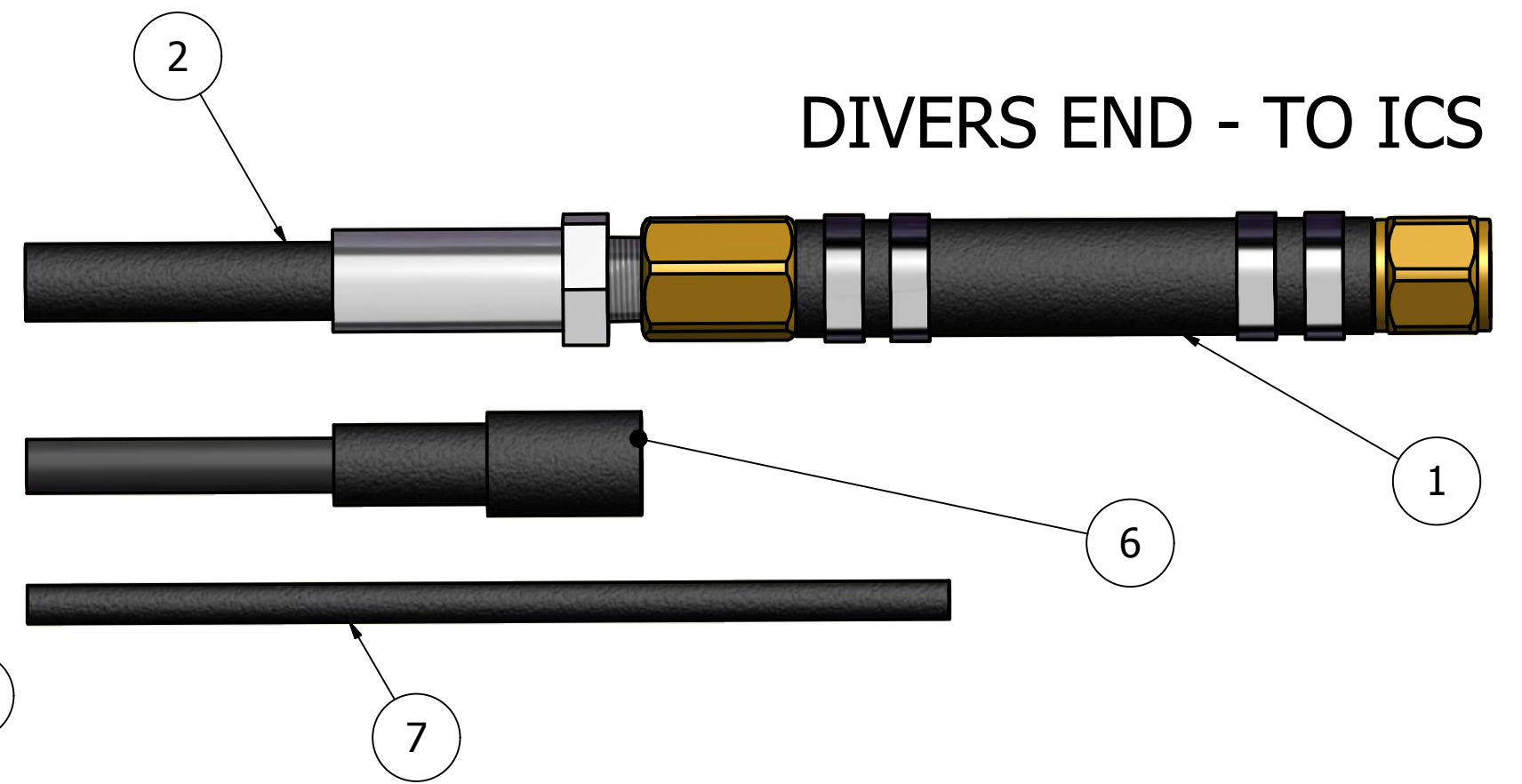
SHEET 2 OF 2

- NOTES :
1. UMBILICAL MAIN GAS HOSE MAX WORKING PRESSURE IS 1500 PSIG.
 2. XLDS RDC-3 MAXIMUM SYSTEM WORKING PRESSURE IS 400 PSIG
 3. UMBILICAL HYDROSTAIC TEST PROCEDURE IAW (XLDSPROOF221111 1B MW), DRAWING # 7737
 - A. PULL TEST EACH END FITTING USING A 100 LB DEAD WEIGHT WHILE THE UMBILICAL IS PRESSURIZED TO 800 PSIG FOR 10 MINUTES.
 - B. TAPE OR MARK WHERE THE FITTINGS MEET THE HOSE TO IDENTIFY SLIPPAGE. NO LEAKS OR FITTING SLIPPAGE.
 3. CLEAN UMBILICALS AFTER TESTING IAW (DL-umb clean C0013)

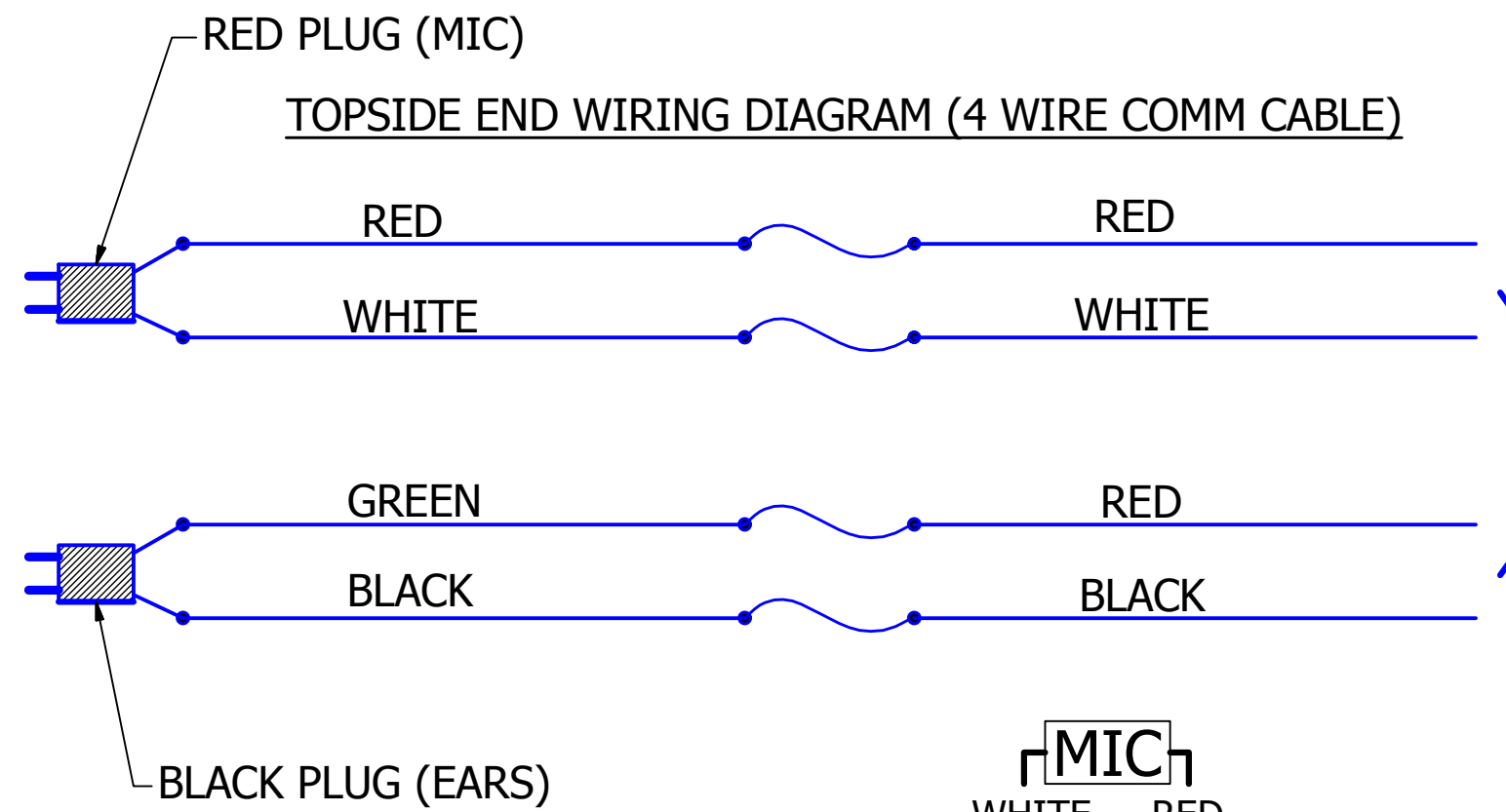
TOPSIDE END - TO CONSOLE



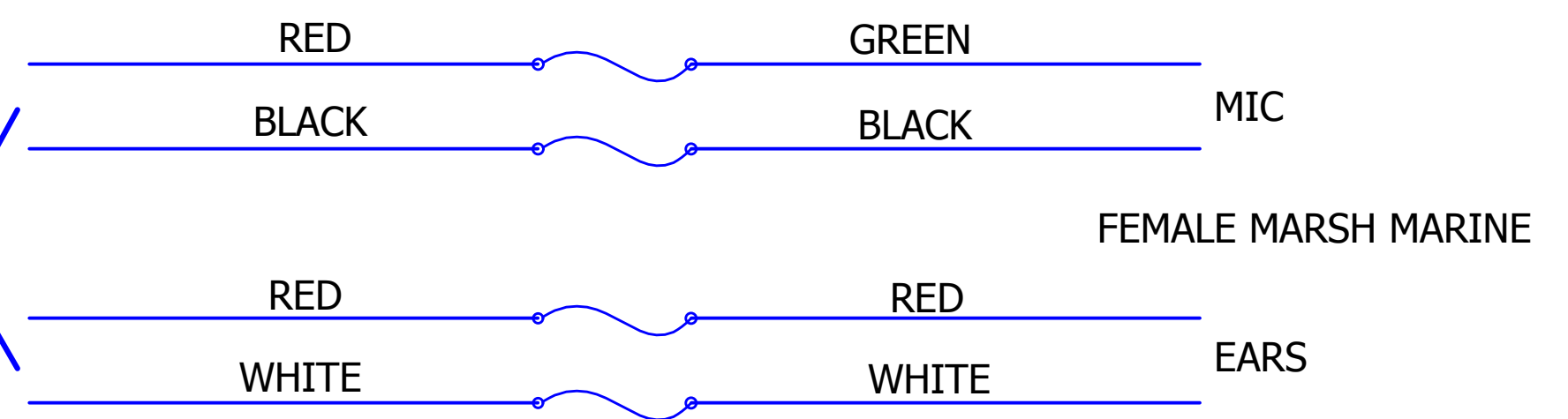
DIVERS END - TO ICS



TOPSIDE END WIRING DIAGRAM (4 WIRE COMM CABLE)

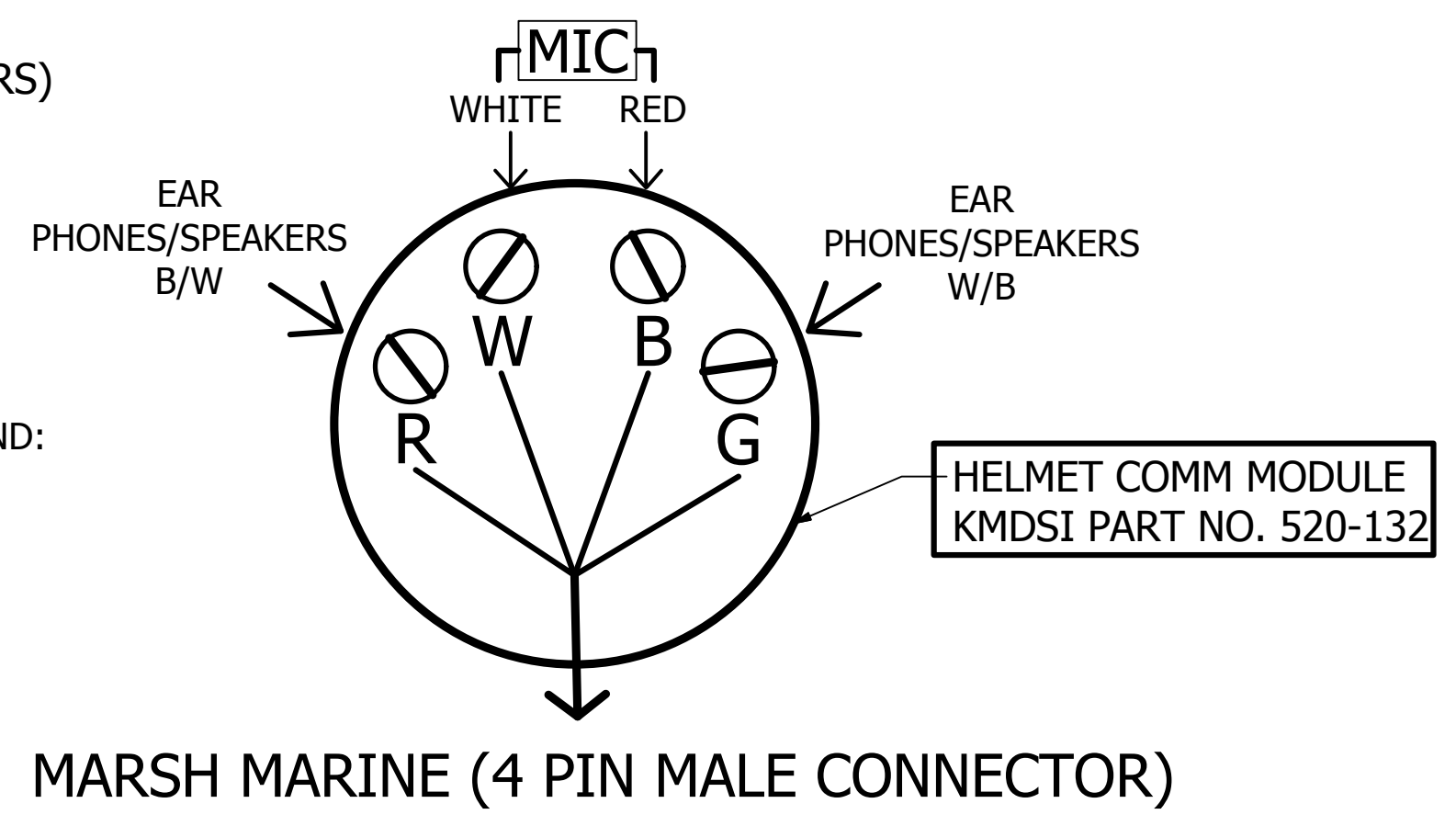


DIVERS END WIRING DIAGRAM 4 WIRE COMM CABLE



COMM WIRE

COMM MODULE WIRING LEGEND:
R= RED
W=WHITE
G=GREEN
B=BLACK



DRAWN M.S. WARD	6/14/2007	COPYRIGHT DIVE LAB INC. 2012		
CHECKED R.H.	2/1/2012	TITLE XLDS 1/4" UMBILICAL 300' (COMPLETE)		
MFG		SIZE C	DWG NO 7731	REV -
APPROVED M.F. WARD	2/1/2012	SCALE	SHEET 1 OF 2	

- NOTES :
- 1. UMBILICAL MAIN GAS HOSE MAX WORKING PRESSURE IS 1500 PSIG.
 - 2. XLDS RDC-3 MAXIMUM SYSTEM WORKING PRESSURE IS 400 PSIG
 - 3. UMBILICAL HYDROSTAIC TEST PROCEDURE IAW (XLDSPROOF221111 1B MW)
 - A. PULL TEST EACH END FITTING USING A 100 LB DEAD WEIGHT WHILE THE UMBILICAL IS PRESSURIZED TO 800 PSIG FOR 10 MINUTES.
 - B. TAPE OR MARK WHERE THE FITTINGS MEET THE HOSE TO IDENTIFY SLIPPAGE. NO LEAKS OR FITTING SLIPPAGE.
 - 3. CLEAN UMBILICALS AFTER TESTING IAW (DL-umb clean C0013)

1	2XL12	3/8 NYLON GRAB LINE 25' (NOT SHOWN)	16
X	2XL19	3M POTTING/SPLICE KIT FOR 4 PIN CONNECTOR (NOT SHOWN)	15
X	2XL13	550 CORD (NOT SHOWN)	14
1	2XL8 R,G,Y	SPIRAL HOSE WRAP R,Y,G (NOT SHOWN)	13
2	2XL7	D-RING 2"	12
1	2XL5	SHACKLE	11
1	2XL6	SNAP SHACKLE WITH D RING (NOT SHOWN)	10
1	2XL16A	FITTING PNEUMO HOSE x 1/4 MNPT	9
1	2XL16	HANSEN MALE QD x 1/4 FNPT	8
1	2XL17	PNEUMO HOSE	7
1	2XL11	FEMAEL 4 PIN - AVAILABLE IN 30" AND 24" ADD LENGTH TO PART NO.	6
1	2XL1B	4 WIRE COMMUNICATION/STRENGTH CABLE	5
1	1XL18R	RED BANANA PLUG	4
1	1XL18B	BLACK BANANA PLUG	3
1	2XL1A	1/4" MAIN GAS HOSE	2
2	2XL9	UMBILICAL INTERFACE HOSE 9/16-18 UNF x 1/4 FNPT	1
X	2XL00-R,G,Y	XLDS 300' 1/4" UMBILICAL ASSEMBLY COMPLETE	-
QTY	DIVE LAB PART NO	DESCRIPTION	ITEM
300' 1/4" XLDS UMBILICAL ASSEMBLY 2XL00 R,Y,G			



DRAWN M.S. WARD	6/14/2007	COPYRIGHT DIVE LAB INC. 2012		
CHECKED R.H.	2/1/2012	TITLE XLDS 1/4" UMBILICAL 300' (COMPLETE)		
MFG				
APPROVED M.F. WARD	2/1/2012	SIZE C	DWG NO 7731	REV -
		SCALE	SHEET 2 OF 2	

4

3

2

2

1

D

D

C

C

B

B

A

A

T-TL111	O-RING PICK SET (BRASS)
6XL00	(XLDS SPARES KIT-INCLUDED WITH SYSTEM) : 1454 CASE, FLOW METER, BUSHINGS, BCD ADAPTER, OVER BOTTOM GAUGE, REGULATOR REPAIR KIT, 3PC BALL VALVE REPAIR KIT, DIN O-RING, HP VCO O-RING, PLUGS 9/16", DUST CAPS, YOKE BLEED
2XL20	PELICAN 1690 STORAGE CASE FOR UMBILICALS,HARNESS
6XL01	1454 PELICAN CASE W/ PADDED DIVIDERS
6XL05	1/4" MNPT x 9/16-18 CGA O2
6XL04	1/2' MNPT x 1/4" FNPT BUSHING FOR FLOW METER
6XL03	1" MNPT x 1/2" FNPT BUSHING FOR FLOW METER
6XL02	700 LITER FLOW METER
6XL07	3/8-24 UNF x BCD ADAPTER (FOR OVER BOTTOM GAUGE)
6XL07	OVER BOTTOM GAUGE WITH QD
6XL11A	DUST CAPS (RED) VINYL 3/8"
6XL11	DUST CAPS (RED) VINYL 1/2"
6XL10	DUST PLUG (YELLOW) 9/16-18 UNF
1XL33A	COMM BOX RETAINER CORD HYDROLINX
DIVE LAB PART NO	MISC PARTS
MISC COMPONENTS AND XLDS SPARES KIT	

6XL00



DRAWN MIKE WARD	11/3/2011
CHECKED R.H. QA	2/3/2012
MFG	
APPROVED M.F. WARD	2/3/2012

Dive Lab Inc.

TITLE
SERVICE KITS/SPARE PARTS

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
----------	--

SIZE C	DWG NO 7033	REV -
SCALE	SHEET 2 OF 2	

4

3

2

2

1

D

C

B

A

D

C

B

A

1XLMRK	COMPLETE MASTER KIT (FOR 3 DIVER SYSTEM)
1XLSK	SPARES O-RING KIT (MISC) HOSES, PORT PLUGS, TANK VALVE, HP ZCO,DIN YOKE
4XL75ARK	TANK VALVE
4XL76RK	CONSHelf 14 1ST STAGE REGULATOR
4XL66RK	EGS VALVE (COMES IN ICS KIT)
4XL61RK	CIRCLE SEAL ONE WAY VALVE
4XL62RK	INTERMEDIATE COMPENSATING SYSTEM (ICS)
3XL89RK	SHERWOOD HIGH PRESSURE VALVE
1XL6RK	SOFT SEAT NEEDLE (PNEUMO) VALVE STAINLESS
1XL8RK	3PC BALL VALVE
1XL7ARK	RELIEF HYLOK, STAINLESS
1XL2RK	HYLOK CHECK VALVE 1XL2
1XL1RK	0-400 AQUA ENVIRONMENT REGULATOR 1XL1
DIVE LAB PART NO.	REBUILD KIT DESCRIPTION
XLDS RDC-2D-3D KITS AND SPARES	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	



DRAWN MIKE WARD	11/3/2011	Dive Lab Inc. TITLE SERVICE KITS/SPARE PARTS		
CHECKED R.H. QA	2/3/2012			
MFG				
APPROVED M.F. WARD	2/3/2012	SIZE C	DWG NO 7033	REV -
		SCALE	SHEET 1 OF 2	

4 3 2 1

D

C

B

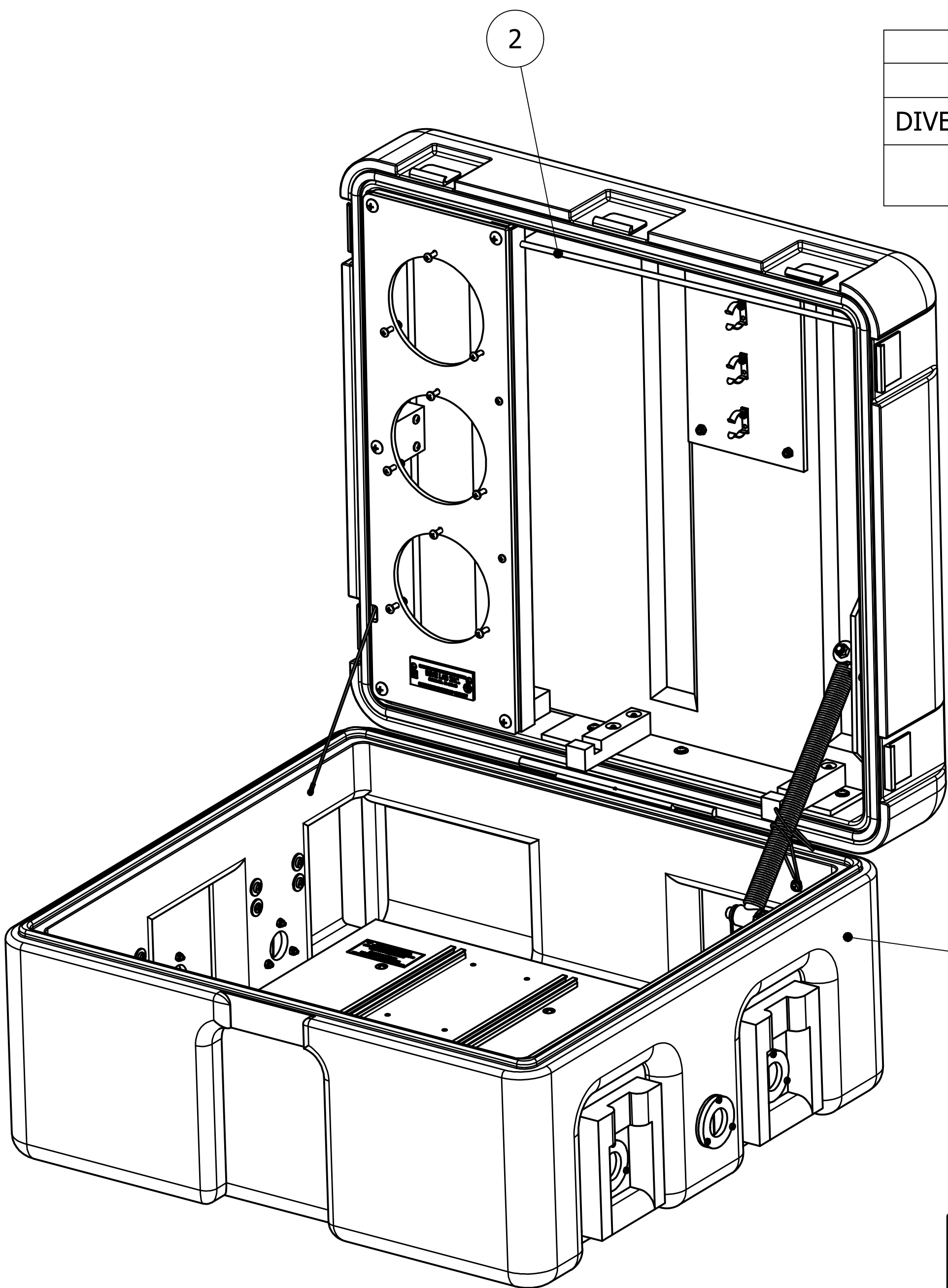
A

D

C

B

A



1XL33A	COMM BOX RETAINER CORD	2
1XLC00	XLDS RDC-3 CHASSIS ASSEMBLY	1
DIVE LAB PART NO.	DESCRIPTION	ITEM NO.
3 DIVER CHASSIS ASSEMBLY		

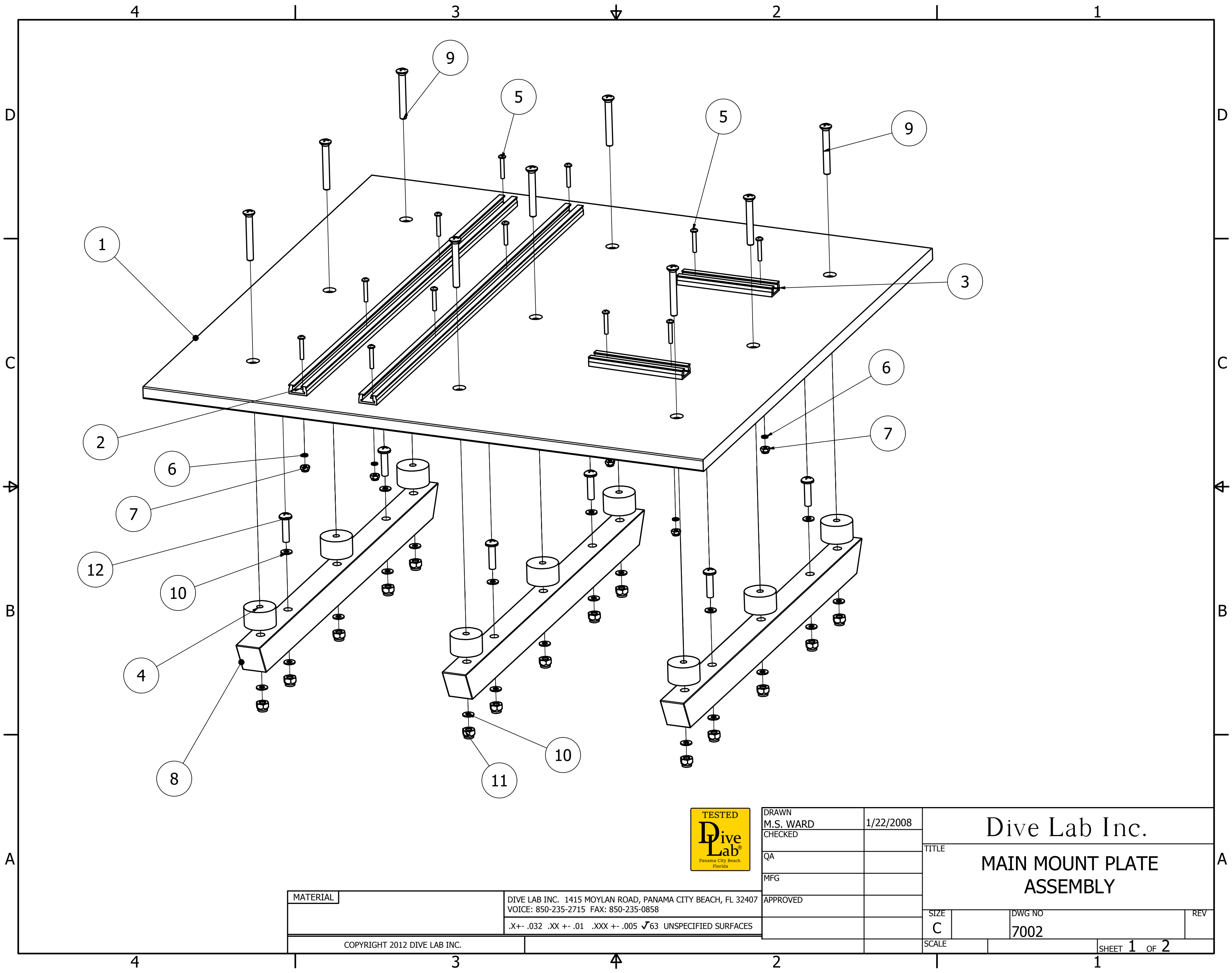


MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN MIKE WARD	11/2/2011
CHECKED R.H. QA	1/27/2012
MFG	
APPROVED M.F. WARD	1/27/2012

Dive Lab Inc.			
TITLE 3 DIVER CHASSIS ASSEMBLY			
SIZE C	DWG NO 7000	REV -	
SCALE	SHEET 1 OF 1		

4 3 2 1



DRAWN M.S. WARD	1/22/2008
CHECKED	
QA	
MFG	
APPROVED	

Dive Lab Inc.			
TITLE MAIN MOUNT PLATE ASSEMBLY			
SIZE C		DWG NO 7002	REV
SCALE		SHEET 1 OF 2	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES

COPYRIGHT 2012 DIVE LAB INC.

4

3

2

1

D

C

B

A

-	1XLCMP00	COMPLETE ASSEMBLY	-
6	1XLC31	1/4-20 x 1-1/4 SCREW	12
15	1XLC4	1/4" NYLOK NUT	11
21	1/4 FLAT WASHER	1/4" FLAT WASHER	10
9	1XLC11	1/4-20 x 2"	9
3	1XL38	SKID BAR	8
12	1XLC33	6-32 NYLOK NUT	7
12	1XLC32A	#6 FLAT WASHER	6
12	1XLC32	6-32 x 1-1/4 SCREW	5
9	1XL43	SHOCK MOUNT	4
2	1XL39B	TRACK 4"	3
2	1XL39A	TRACK 22"	2
1	1XL36	MAIN MOUNT PLATE	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
MAIN MOUNT PLATE ASSEMBLY			

TESTED

Dive Lab

Panama City Beach
Florida

DRAWN

M.S. WARD

CHECKED

QA

MFG

APPROVED

1/22/2008

MATERIAL

DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407
VOICE: 850-235-2715 FAX: 850-235-0858
.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

COPYRIGHT 2012 DIVE LAB INC.

TITLE

Dive Lab Inc.

MAIN MOUNT PLATE ASSEMBLY

SIZE

C

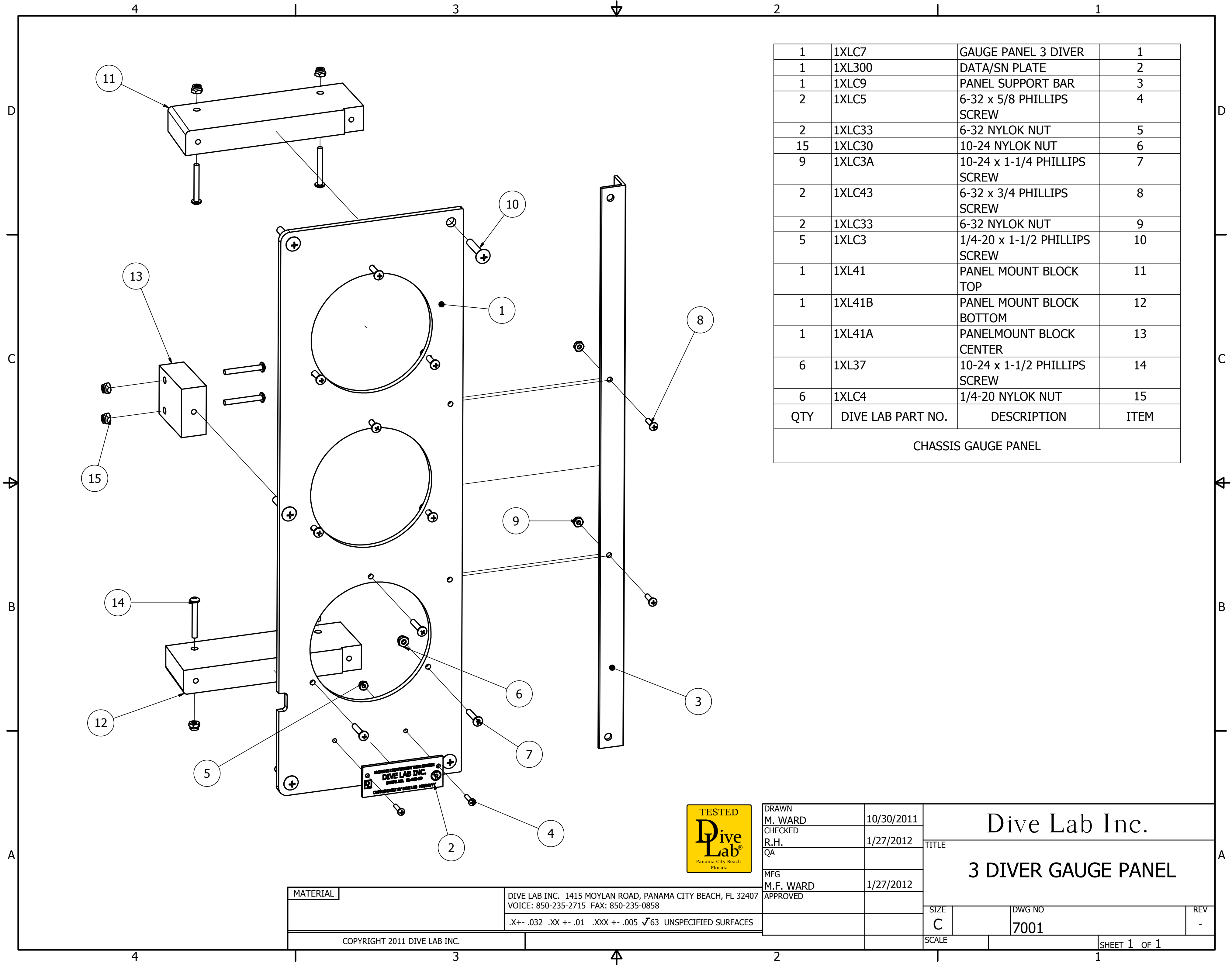
DWG NO

7002

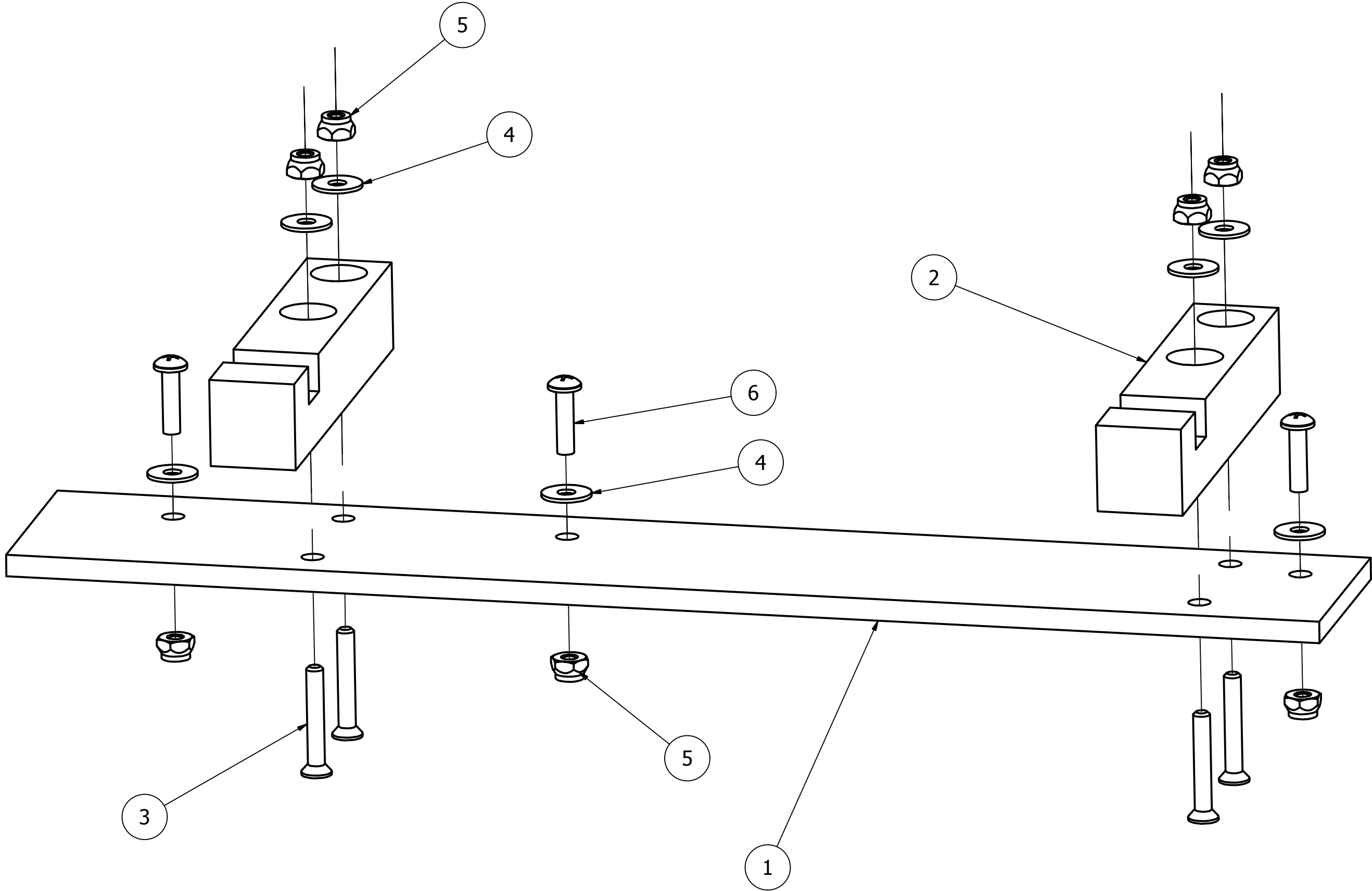
REV

SCALE

SHEET 2 OF 2



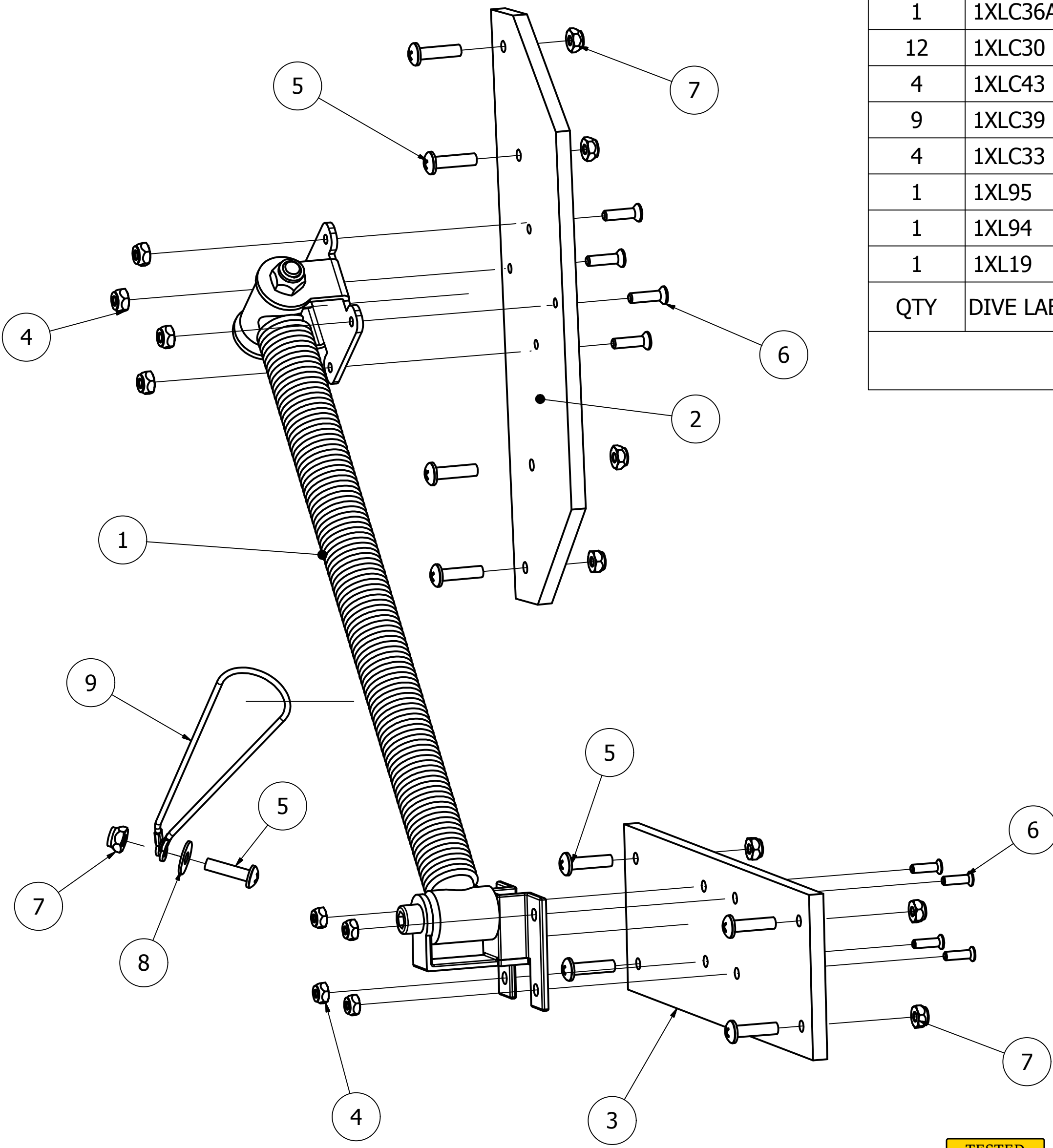
3	1XL33C	10-24 x 3/4 PHILLIPS SCREW	6
7	1XLC30	10-24 NYLOK NUT	5
7	1XLC36A	#10 FLAT WASHER	4
4	1XL33B	10-24 x 1 CSINK PHILLIPS SCREW	3
2	1XL33A	MOUNT BLOCK	2
1	1XL33	BASE PLATE	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
HYDROLINX COMM BOX MOUNT			



DRAWN	M. WARD	11/1/2011
CHECKED	R.H. QA	1/27/2012
MFG		
APPROVED	M.F. WARD	1/27/2012

Dive Lab Inc.			
TITLE			
HYDROLINX CHASSIS MOUNT			
SIZE	C	DWG NO	7004
SCALE		REV	-
SHEET 1 OF 1			

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	



1	1XL19A	SPRING SAFETY CABLE	9
1	1XLC36A	#10 FLAST WASHER	8
12	1XLC30	10-24 NYLOK NUT	7
4	1XLC43	6-32 x 5/8 CSINK PHILLPIS SCREW	6
9	1XLC39	10-24 x 3/4 PHILLIPS SCREW	5
4	1XLC33	6-32 NYLOK NUT	4
1	1XL95	SPRING MOUNT BASE	3
1	1XL94	SPRING MOUNT LID	2
1	1XL19	SPRING	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
CASE LID SPRING ASSEMBLY			

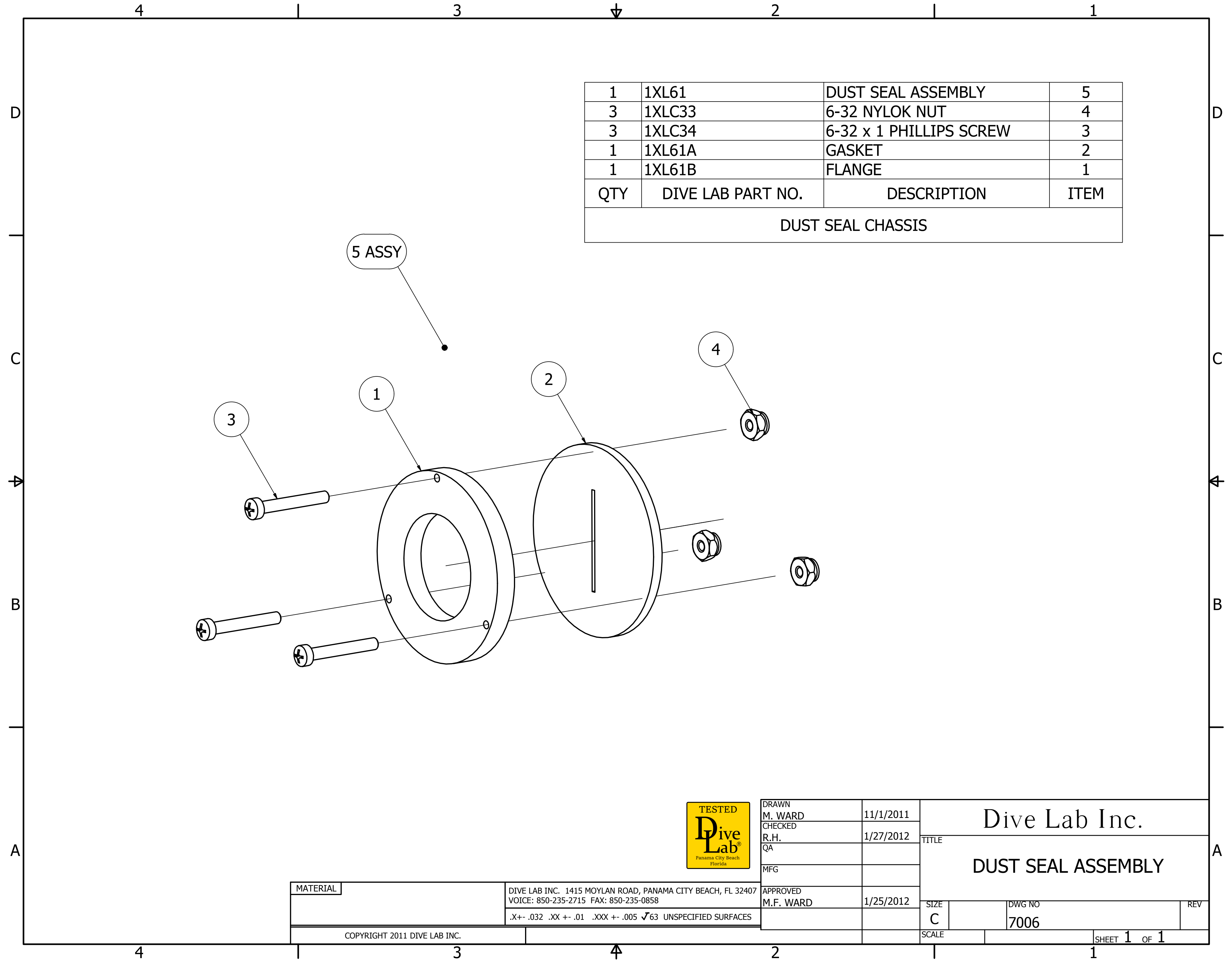


DRAWN	M. WARD	11/1/2011
CHECKED	R.H. QA	2/9/2012
MFG		
APPROVED	M.F. WARD	2/9/2012

Dive Lab Inc.			
TITLE			
CHASSIS SPRING ASSEMBLY			
SIZE	C	DWG NO	7005
SCALE			
SHEET 1 OF 1			

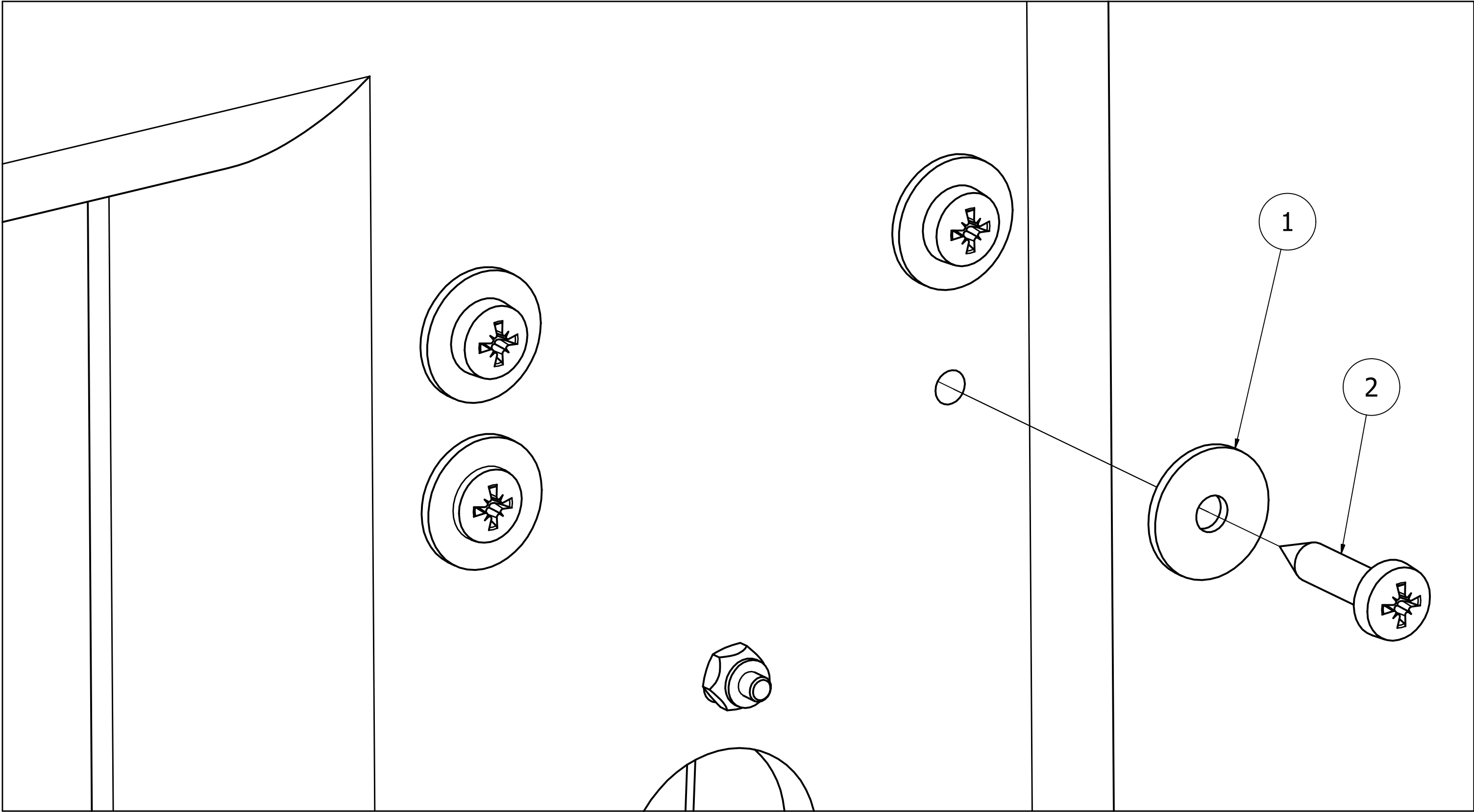
MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

COPYRIGHT 2011 DIVE LAB INC.



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

8	1XLC42	12-14 x 1 PAN HEAD PHILLIPS TAPPING SCREW	2
8	1XLC42A	# 1/4 x 1 FLAT WASHER	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM NO.
HARDIGG CASE HANDLE FASTENERS			

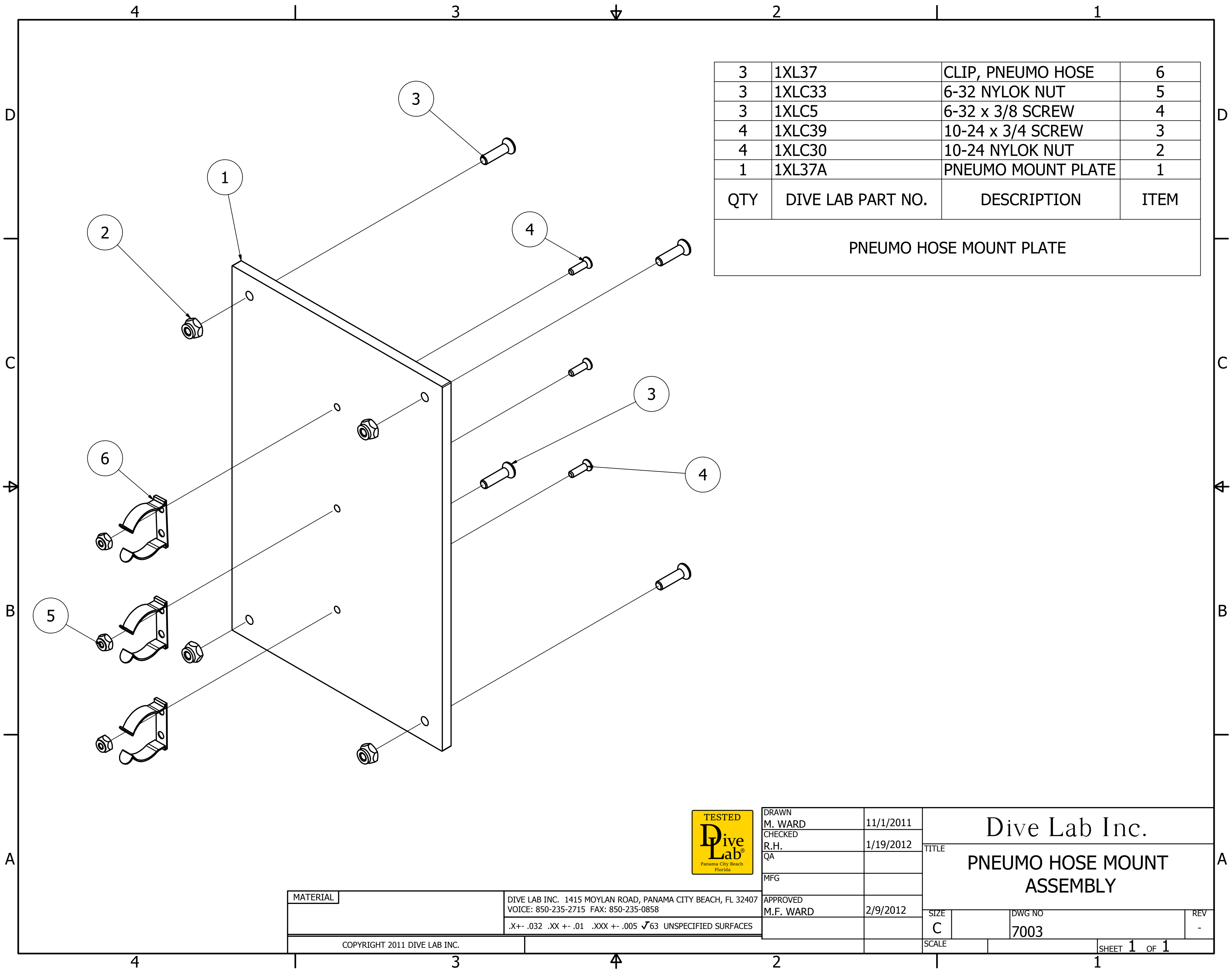


DRAWN MIKE WARD	11/2/2011
CHECKED R.H. QA	1/27/2012
MFG	
APPROVED M.F. WARD	1/27/2012

Dive Lab Inc.			
TITLE CASE HANDLE FASTENERS			
SIZE C	DWG NO 7007	REV -	
SCALE	SHEET 1 OF 1		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

COPYRIGHT 2011 DIVE LAB INC.



3	1XL37	CLIP, PNEUMO HOSE	6
3	1XLC33	6-32 NYLOK NUT	5
3	1XLC5	6-32 x 3/8 SCREW	4
4	1XLC39	10-24 x 3/4 SCREW	3
4	1XLC30	10-24 NYLOK NUT	2
1	1XL37A	PNEUMO MOUNT PLATE	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
PNEUMO HOSE MOUNT PLATE			



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN M. WARD	11/1/2011
CHECKED R.H. QA	1/19/2012
MFG	
APPROVED M.F. WARD	2/9/2012

Dive Lab Inc.			
TITLE PNEUMO HOSE MOUNT ASSEMBLY			
SIZE C	DWG NO 7003	REV -	
SCALE	SHEET 1 OF 1		

COPYRIGHT 2011 DIVE LAB INC.