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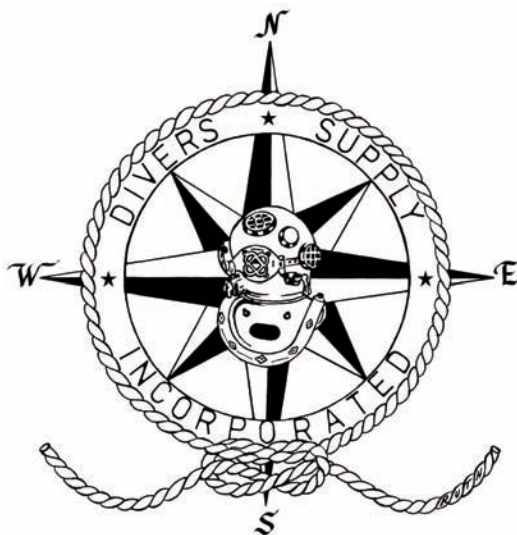
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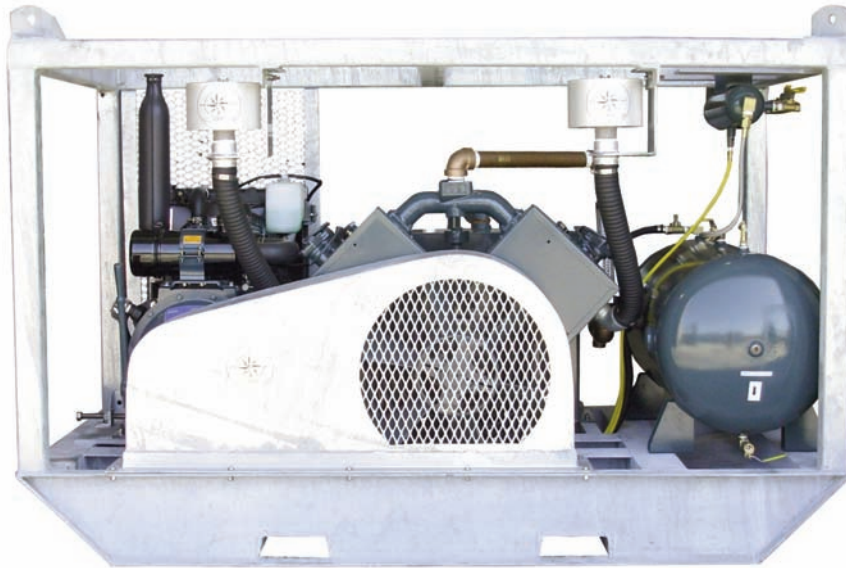
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Compressors



Part Number: **5120QK3**

5120 Compressor Package

Features:

- 60 gallon ASME/USCG coded volume tank rated to 250 psi, **seal welded legs & data plate**
- Relief valve
- Four valve manifold
- 1 1/2" stainless flex hose
- Galvanized steel skid, 3" square tube, drip pan, fork lift slots, four lifting eyes. galvanized steel belt guard, 30 gallon steel fuel tank
- Aluminum air intake housings
- Fittings: 250 psi extra heavy brass
- Primary fuel filter
- Unit weight: 3,465 lb
- Approximate dimensions:
90" x 52" x 54" (L x W x H)

Options:

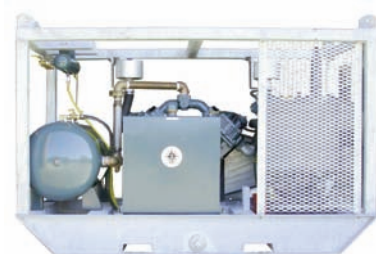
- Powder coated skid
- Top basket
- Gauge panel
- 3 stage breathing filters (5120QK3-BAF)
- Air intake shutdown device
- Hour meter
- Electric start
- Hatz diesel engine

Compressor: Quincy 5120

- 4 cylinder, 2 stage
- 123.0 cfm displacement
- 88.5 cfm free air delivery at 200 psi
- 100-250 psi rating

Engine: Kubota Diesel D1703-M

- 35 horsepower at 2800 rpm
- Air start
- Clutch
- Liquid cooled
- Pressurized lubrication

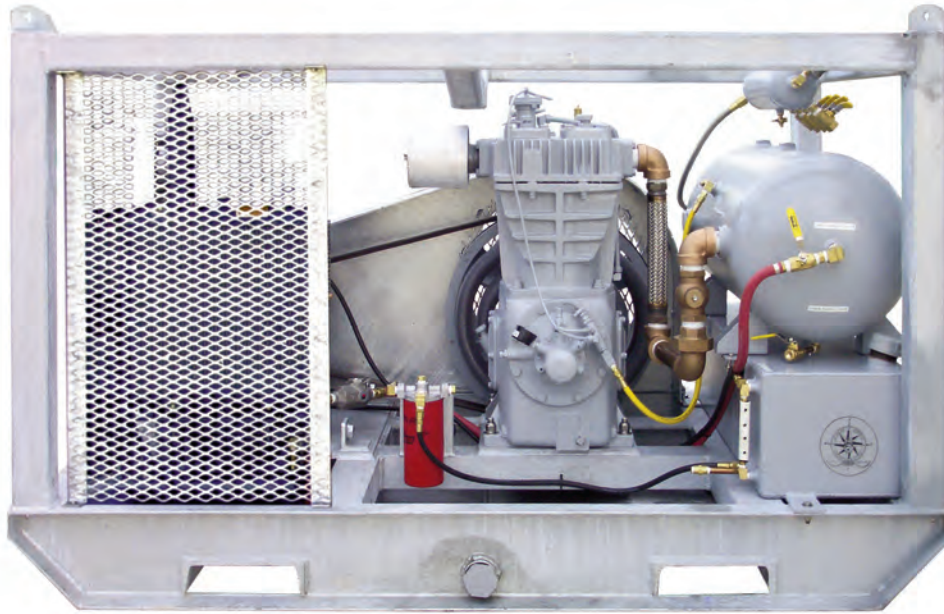


Back View of 5120QK3

**Please see our custom compressor
order form on page 12.**



Compressors



390QK3

390 Compressor Package

Features:

- 30 gallon ASME volume tank rated to 200 psi, **seal welded legs & data plate**
- Relief valve
- Four valve manifold
- 1 1/2" stainless flex hose
- Galvanized steel skid, 3" square tube frame, drip pan, fork lift slots, four lifting eyes, galvanized steel belt guard, steel fuel tank
- 250 PSI extra heavy brass plumbing
- Primary fuel filter
- Unit weight: 2,625 lb
- Approximate dimensions:
84" x 45" x 55" (L x W x H)

Options:

- Powder coated skid
- Hatz diesel engine
- Top basket
- Gauge panel
- 3 stage breathing filtration system
- Air intake shutdown device
- Hour meter
- Clutch
- Electric start

Compressor: Quincy 390

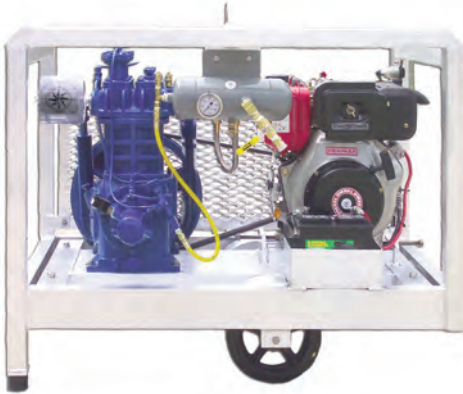
- 2 cylinder, 2 stage
- 90 CFM displacement
- 66.5 CFM free air delivery at 200 psi
- 100-250 psi rating

Engine: D1703-M Kubota Diesel

- 35 horsepower at 2800 rpm
- Air starter
- Liquid cooled
- Pressurized lubrication

**Please see our custom compressor
ordering information on page 12.**

Compressors



Recoil Start: **325C**
Electric/Recoil Start: **325CE**

325 Compressor Package

Features:

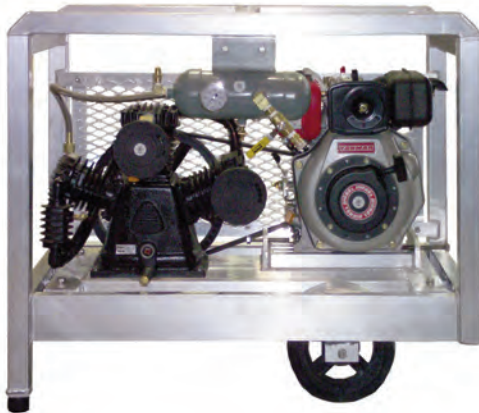
- Stainless steel surge tank
- 3/4 gallon fuel tank
- 1000 psi brass plumbing
- Aluminum skid with drip pan
- Weight: 525 lb
- Dimensions:
42" x 27" x 40"
(L x W x H)

Compressor: Quincy 325

- 16.4 CFM free air delivery
- Unloader set to 175 psi
- Intake air cleaner
- 2 cylinder, 2 stage

Engine: Yanmar L100V

- 10 horsepower diesel
- 4 cycle, single cylinder
- Recoil start



Recoil Start: **255C**
Electric/Recoil Start: **255CE**

255 Compressor Package

Features:

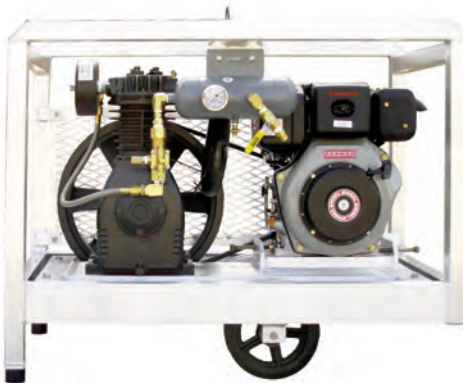
- Stainless steel surge tank
- 3/4 gallon fuel tank
- 1000 psi brass plumbing
- Aluminum skid with drip pan
- Unit Weight: 320 lb
- Approximate Dimensions
42" x 21.5" x 33.25"
(L x W x H)

Compressor: DV Sys. 255

- 17 CFM free air delivery
- Unloader set to 170 psi
- Dual air intake cleaners
- 3 cylinder, 2 stage

Engine: Yanmar L70V

- 7 horsepower diesel
- 4 cycle, single cylinder
- Recoil start



Recoil Start: **247C-A**
Electric/Recoil Start: **247CE-A**

247 Compressor Package

Features:

- Stainless steel surge tank
- 3/4 gallon fuel tank
- 1000 psi brass plumbing
- Aluminum skid with drip pan
- Weight: 510 lb
- Dimensions:
42" x 27" x 40"
(L x W x H)

Compressor: DV Sys. 247

- 25.8 CFM free air delivery
- Unloader set to 175 psi
- Intake air cleaner
- 2 cylinder, 2 stage

Engine: Yanmar L100V

- 10 horsepower diesel
- 4 cycle, single cylinder
- Recoil start

Options:

- Electric start
- Intake air heater
- Honda gasoline engine
- Hatz diesel engine
- Electric motor
- Custom frames/skids

**Please see our custom compressor
ordering information on page 12.**



Compressors

223 Compressor Package

Features:

- 20 gallon volume tank
- Handle and 2 wheels
- 1000 psi brass plumbing
- Enclosed belt guard
- 2 stage filtration system
- Condensate drains
- Weight: 200 lb
- Dimensions:
42" x 21.5" x 33.25"
(L x W x H)

Compressor: DV Sys. 223

- 6.4 CFM free air delivery
- Unloader set to 140 psi
- Intake air cleaner
- 2 cylinder, 2 stage

Engine: Honda 4.0 HP

- 4 horsepower gasoline
- 4 cycle, single cylinder
- Recoil start



Recoil Start: 223C

255 Compressor Package

Features:

- 30 gallon volume tank
- Handles and 2 wheels
- 1000 psi brass plumbing
- Enclosed belt guard
- 2 stage filtration system
- Condensate drains
- Weight: 460 lb
- Dimensions:
53" x 28" x 44"
(L x W x H)

Compressor: DV Sys. 255

- 17 CFM free air delivery
- Unloader set to 170 psi
- Dual air intake cleaners
- 3 cylinder, 2 stage

Engine: Yanmar L70V

- 7 horsepower diesel
- 4 cycle, single cylinder
- Recoil start



Recoil Start: 255C-30F
Electric/Recoil Start: 255CE-30F

247 Compressor Package

Features:

- 30 gallon volume tank
- Handles and 4 wheels
- 1000 psi brass plumbing
- Enclosed belt guard
- 2 stage filtration system
- Condensate drains
- Weight: 650 lb
- Dimensions:
53" x 28" x 47"
(L x W x H)

Compressor: DV Sys. 247

- 25.8 CFM free air delivery
- Unloader set to 175 psi
- Intake air cleaner
- 2 cylinder, 2 stage

Engine: Yanmar L100V

- 10 horsepower diesel
- 4 cycle, single cylinder
- Recoil start



Recoil Start: 247C-30F
Electric/Recoil Start: 247CE-30F

Options:

- Electric start
- Intake air heater
- Honda gasoline engine
- Electric motor
- Custom frames/skids

Please see our custom compressor
ordering information on page 12.

Yanmar Diesel Engines

Single-cylinder, air-cooled direct injection diesel engines are EPA & CARB exhaust emission compliant and utilize a counter-balancing system for smooth, high-speed operation. Electric or recoil starting are available.

- EPA Tier IV exhaust emission compliant for the L70V and L100V
- Air-cooled, vertical single-cylinder, 4 stroke diesel power-pack
- All models feature direct injection
- All models are counter balanced for high speed operation
- Recoil & electric start options



Model	L70V	L100V
Displacement	320 cc	435 cc
Continuous Output	5.8 HP/2600 RPM	8.3 HP/2600 RPM
Intermittent Output	6.4 HP/3600 RPM	9.1 HP/3600 RPM

Hatz Diesel Engines

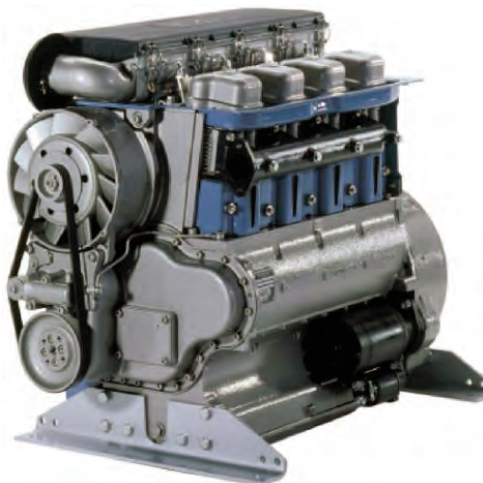


Model	1B40	2G40	2M41
Displacement	462 cc	997 cc	1716 cc
Continuous Output	9.0 HP/2600 RPM	19.9 HP/2600 RPM	35.9 HP/2600 RPM



The Challenger - 1B40

- Small, light-weight, for universal application
- Air-cooled with flywheel blower fan
- Forced-feed circulating lubrication
- Single Cam System (SCS)
- Recoil and/or electric start 12 V and 24 V
- Vertical crankshaft engine



The two-cylinder power pack - 2G40

- Sets new standards for compact size and power/weight ratio
- Air-cooled with flywheel blower fan
- Forced-feed circulating lubrication

Two-cylinder diesel engines of modular design - 2M41

- First industrial engine world-wide with integrated automatic engine-protection feature
- With counter balance (model Z)
- Air-cooled with axial blower
- Forced-feed circulating lubrication
- Gear wheels to drive the camshafts
- Hydraulic pump power take-off directly on the crankshaft
- Blower fan drive with mechanically acting automatic shutoff
- Mechano-hydraulic automatic engine-protection feature
- Suppression of start smoke



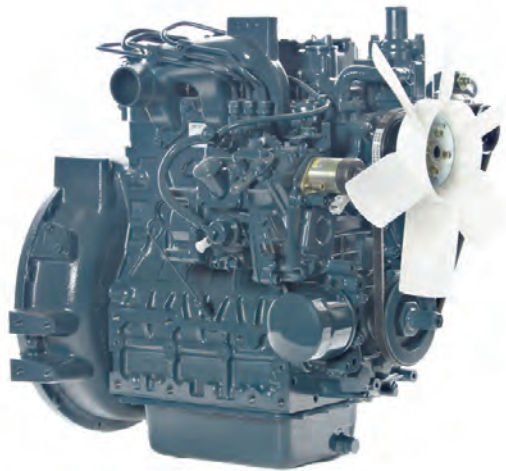
Kubota Diesel Engines

Durable Power

- The Kubota 03-M Series is well recognized for industrial applications. With numerous features such as a built-in solenoid, low fan position, and single side serviceability, this engine offers excellent performance characteristics and application flexibility.
- The cooling water passages between the cylinder bores, using Kubota's original casting technology as a countermeasure against heat load of high power density, provides both superior endurance and reliable engine characteristics.
- The D1703-M engine offers a seamless transition from Tier 2 to Interim Tier 4 by maintaining the same footprint and hard mounting points with only slight performance changes from the Tier 2 engine.

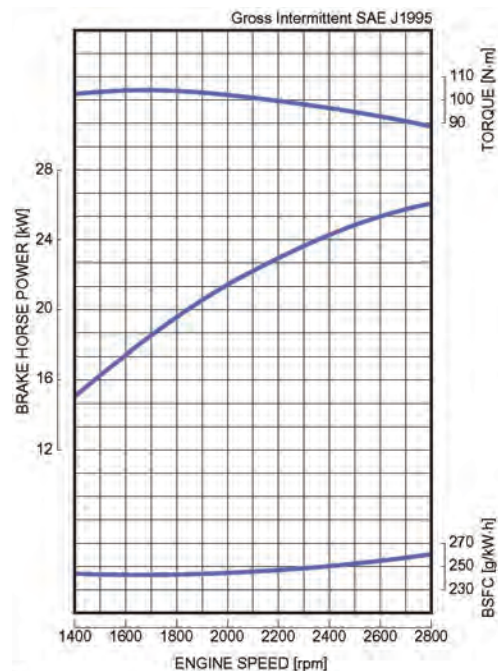
Clean and Quiet Power

- Kubota's original E-TVCS (Three Vortex Combustion System) has been improved. The airflow, combustion chamber and piston recess were optimized to provide a 50% lower particulate matter (PM) level, the same stringent level as above the 37kW class (EPA Interim Tier 4 Option 1).
- The half-float valve cover and MoS₂ coated pistons lower noise levels by 1.0-2.0 dBA over conventional diesel engines and provide reduced transmitted vibration from the valve area for better noise characteristics.

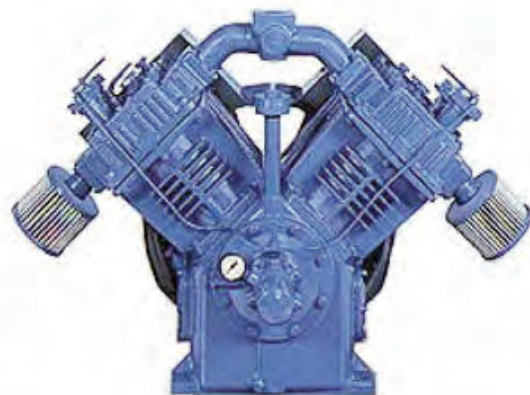


Model	D1703
Displacement	1647 cc
Intermittent Output	35.0 HP/2800 RPM

D1703 Performance Curves



Compressor Pumps, Quincy



Model	Typical HP Range at 175 psi	Number of Cylinders	Min/Max RPM	ACFM at 175 psi Min/Max RPM	Max. Cont. Pressure (psig)
325	3-5	2	400/900	8.3/18.64	200
340	5-10	2	400/900	13.2/29.64	200
350	5-15	2	400/940	15.6/36.60	200
370	7.5-15	2	400/1070	18.5/49.72	200
390	7.5-20	2	400/940	29.5/69.21	200
5120	10-25	V4	400/1040	36.5/94.97	200



QR-25 Duplex Tank Mounted Units

All two stage models come complete with Safe-Q-Lube system and spin on oil filter. Auto Start/stop mechanism includes Quincy's loadless start system. Standard equipment includes pressure gauge, pressure relief valve, tank drain, shut off valve, enclosed belt guards, pressure switches and inlet filters.

Tank conforms to ASME and National Board specs, and Canadian approval with CRN number stamp.

Quincy Tank-Mounted and Base-Mounted Packages



QR-25 Base Mounted Units

Standard equipment includes air compressor, electric motor, inlet air filter, enclosed belt guard, V-belt drive and steel base plate. Oil filter is standard on two-stage models. For optional automatic operation, specify loadless starting and pressure switch; for continuous operation or dual control, specify variable differential intake valve unloader RPM and CFM are for operating pressures of 100 psi on single stage models, 175 psi on two stage models.

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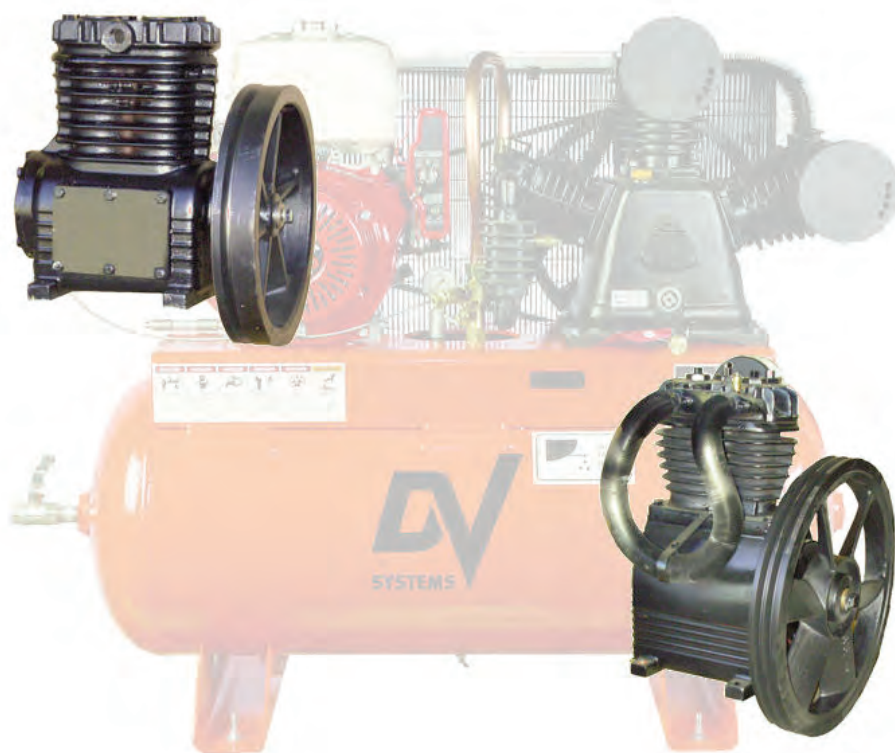
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Compressor Pumps, DV Systems

Standard features such as heavy duty cast iron crankcases, cylinders and heads, steel connecting rods, stainless steel spring and disc valve assemblies and centrifugal pressure lubrication are the foundation of DV Systems's reputation for reliability – established over a century ago.

- **Cast iron cylinders, heads, crankcase:** low distortion, low noise, extended life
- **Individually serviceable stainless steel spring & disc valve assemblies:** very efficient, easy to service and maintain
- **Steel connecting rods with babbit bearings:** rugged, long life, serviceable
- **Precision balanced crankshaft with oversized bearings:** rugged, long life
- **Slow speed operation:** long life, better heat dissipation



DV Systems Compressors

Model	Horsepower	RPM	CFM	Flywheel Diameter	Weight (lb)
223	2	950	7.4 at 100 psi	12 in	82
255	5	940	15.8 at 150 psi	15 in	120
247	7.5	800	25.8 at 175 psi	20 in	265
447	15	880	48.5 at 175 psi	20 in	400

DV Systems Electric Compressor Packages

Pump Model	Horsepower	RPM	CFM	Weight (lb)	Tank Size (gal)
255	5	940	15.8 at 150 psi	685	80
247	7.5	800	25.8 at 175 psi	700	80

Custom Compressor Packages

Please note that not all configurations can be built in actuality.

PUMP

No Compressor	000
6.4 SCFM, 223 Devair	223
15.8 SCFM, 255 Devair	255
16.4 SCFM, 325 Quincy	325
25.8 SCFM, 247 Devair	247
36.6 SCFM, 350 Quincy	350
49.0 SCFM, 447 Devair	447
66.0 SCFM, 390 Quincy	390
88.5 SCFM, 5120 Quincy	512

STARTING

Recoil	R
Hand Crank	H
Electric Start	E
Electric Start with Crank/Recoil	L
Air Start	A
Air Start with Hand Crank	I
Electric Motor Starter (NEMA 1)	M
Electric Motor Starter (NEMA 4)	S

WHEELS

No Wheels, No Feet	0
No Wheels, 4 Rubber Feet	1
2 Wheels, 2 Rubber Feet	2
4 Wheels, No Rubber Feet	4

Example:

247 - 2 R F0 - 2 0 SU NO

DRIVE

No Engine	0
Honda Gasoline	1
Yanmar Diesel	2
Hatz Diesel	3
Kubota Diesel	4
*Electric 220-230 V, 1 ph	5
*Electric 220-240 V, 3 ph	6
*Electric 440-480 V, 3 ph	7
*Electric 575-600 V, 3 ph	8

MOUNTING

Frame / Skid	F0
Base	B0
20 gal Tank	T2
30 gal Tank	T3
60 gal Tank	T6
80 gal Tank	T8
120 gal Tank	T1
240 gal Tank	T4

FILTERS

No Filters	0
2 Stage Filtration	2
3 Stage Filtration	3

ADDERS

Heater Coil	HE
Surge Tank	SU
4-Out Manifold	FO
3-Out Manifold	TH
Cage	CA
Twin Pump	TW
Clutch	CL
Handles	HA
Volume Tank	VO
No Adders	NO

*Please specify 50 or 60 Hz.

PRESSURE REQUIREMENTS

Helmet Style	Demand	Free-Flow
Min. psi Required Over Bottom (p)	115	100

Minimum Working Pressure = $(0.445 \times \text{depth}) + p$

Note: 1 FSW = 0.445 psi

Example: Planned dive of 160 FSW, with a Superlite 17K

$(0.445 \times 160) + 115 = 186$ psi minimum working pressure

Note: Line loss through a long umbilical will increase minimum working pressure requirements

APPROXIMATE RESPIRATORY CONSUMPTION

Workload (w)	Rest	Light	Medium	Heavy
CFM	0.7 - 1.0	1.0 - 2.0	2.0 - 3.0	3.0 +

$$\text{Consumption} = \frac{\text{depth} + 33}{33} (w)(n)$$

Example: Planned dive of 100 FSW, light work (w), 2 divers (n)

$$\frac{100 + 33}{33} (2)(2) = 16 \text{ CFM minimum flow required}$$



325-2ET3-13FRNO

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Compressor Lubricants

DS-1000

Low Pressure Compressor Oil

Divers Supply, Inc. is proud to offer a semi-synthetic oil for use in diving compressors, DS-1000. DS-1000 is a high performance compressor lubricant blended to give exceptional performance even in moderately severe working conditions. It is classified as non-hazardous and contains no known carcinogens.



55 Gal Drum
DS-1000-55



5 Gal Pail
DS-1000-5



1 Gal Bottle
DS-1000-1

**Mixes with or replaces
Monolec oil.**

Features:

- 440°F flash & 758°F auto-ignition points
- Evaporation rate = 0
- High viscosity index
- Excellent rust control
- **No known carcinogens**
- Excellent coolant properties
- Non-hazardous classification
- Good oxidation stability
- Low lubricant consumption
- **Red in color**
- Excellent thermal stability
- Semi-synthetic

Monolec 6404 Low Pressure Compressor Oil:

Monolec is an exclusive wear-reducing agent added to the oil which has proven its extraordinary performance in thousands of applications. It is an invaluable component in manufacturer specific engine oils, industrial oils and other lubricants bearing the Monolec trademark.

Monolec creates a singular molecular lubricating film on the metal surface, vastly increasing film strength without affecting tolerances. Forming microscopic “ball bearings”, Monolec allows opposing surfaces to slide by one another, greatly reducing friction, heat and wear.

Monolec 6404 Oil Features:

- Long oil life, even in heavy duty applications in both reciprocal and rotary air compressors
- Resistance to heat and oxidation
- Anti-wear performance, because of the film strength of the base oil and added protection of the Monolec agent
- Elimination of carbon problems; compressors run cooler reducing the creation of contaminants



6404 (5 gallon pail)



Anderol 500
5 gallon pail

Anderol High Pressure Compressor Oil

ANDEROL Air-Compressor Series Oil comprises three ester-based products, with a viscosity rating of 100. The oxidation resistance and stable viscosity of ANDEROL eliminates varnish formation and separator blocking due to high film strength causing less wear, higher efficiency and longer drain intervals. This means less downtime, less maintenance cost and less disposal and operating costs.

Features:

- Fewer oil changes
- Lower oil consumption
- Reduces compressor maintenance
- Eliminates lacquering and deposits
- Greatly reduces fire and explosion hazard
- Reduces energy consumption
- Separates water condensate rapidly

Compressor Pumps, High Pressure

Portable

3-Stage High Pressure Breathing Air Compressors

JUNIOR II and OCEANUS (complete with air purification system and fill hose) are safe, reliable 5000 psig, three stage compressors designed for serious sport divers.

Available in single phase 115/230 VAC and three phase 230/460 VAC electric motor, gasoline or diesel engine drive.



Oceanus-G



Junior II-G

Model	Motor/Engine	Charging Rate (CFM)	FAD (CFM)	HP	RPM	Purification System
JR II-E1	1 ph, 230 V/60 Hz	3.9	3.2	3	2100	P0
JR II-E3	3 ph, 230 V/60 Hz	3.9	3.2	3	2100	P0
JR II-G	Gasoline	4.3	3.6	6	2300	P0
JR II-D	Diesel	4.3	3.6	4	2300	P0
Oceanus-E1	1 ph, 230 V/60 Hz	4.9	4.1	5	2150	P0
Oceanus-E3	3 ph, 230 V/60 Hz	4.9	4.1	5	2150	P0
Oceanus-G	Gasoline	4.9	4.1	6	2150	P0

Basic Package II



3-, 4- and 5-Stage High Pressure Breathing Air Compressors

The Bauer BASIC PACKAGE II line of compressors is designed for the application that requires a horizontal configuration built around their line of multistage air-cooled compressors and breathing air purification systems.

An entry level price point, with many optional upgrades, will satisfy most requirements while also bringing value into the decision making process.

Model	Stages	Charging Rate (CFM)	FAD (CFM)	HP	RPM	Purification System
5000 psig						
BPII-06-E1/E3	3	6	5	5	1050	P0
BPII-08-E1/E3	3	8.4	7	7.5	1250	P31
BPII-20-E3	4	21	17.5	15	1300	P5
BPII-26-E3	4	26.4	22	20	1350	P5
6000 psig						
BPII-05-E1/E3	3	5	4	5	1050	P2 SECURUS
BPII-10-E1/E3	4	9.7	8.1	7.5	1180	P2
BPII-13-E1/E3	4	13	10.8	10	1420	P2
BPII-18-E3	4	18	15	15	1325	P5
BPII-25-E3	5	25.2	21	20	1300	P5



Compressors, High Pressure

3- and 4-Stage High Pressure Breathing Air Compressors

Dive Mate

DIVE MATE takes portable breathing air compressors to a new level! Complete with air purification, DIVE MATE is a safe, reliable three or four stage breathing air compressor designed to give you lightweight portability. Available in your choice of electric motor, gasoline engine or diesel engine drive.



Model	Stages	Charging Rate (CFM)	FAD (CFM)	HP	RPM	Purification System
5000 psig						
DMT06-E1/E3	3	6	5	5	1050	P0
DMT06-GS	3	3	5	6	1050	P0
DMT08-E1/E3	3	8.4	7	7.5	1250	P31
DMT08-GS	3	8.4	7	9	1250	P31
DMT08-DY	3	8.4	7	6.4	1250	P31
5000 psig (6000 psig capable with purification upgrade)						
DMT10-E1/E3	4	9.7	8.1	7.5	1180	P31
DMT10-GS	4	9.7	8.1	13.5	1180	P31

Offshore

4- and 5-Stage High Pressure Breathing Air Compressors

Harsh OFFSHORE environment eating up your compressors? BAUER has the solution! The OFFSHORE package; a unit designed specifically to combat the rigors encountered in offshore use.

Model	Stages	Charging Rate (CFM)	FAD (CFM)	HP	RPM	Purification System
5000 psig						
O20-D	4	21	17.5	27	1300	P5
O20-E3	4	21	17.5	15	1300	P5
O26-D	4	26.4	22	27	1350	P5
O26-E3	4	26.4	22	20	1350	P5
6000 psig						
O10-D	4	9.7	8.1	10	1180	P2
O10-E3	4	9.7	8.1	7.5	1180	P2
O13-D	4	13	10.8	18	1420	P2
O13-E3	4	13	10.8	10	1420	P2
O25-D	5	25.2	21	27	1300	P5
O25-E3	5	25.2	21	20	1300	P5



4- and 5-Stage High Pressure Breathing Air Compressors

Engine Driven

The ENGINE DRIVEN compressor for recharging SCBA or SCUBA cylinders combines compressor, purification system and engine drive. The frame's rugged design is specific to the requirements of the engine drive/compressor block assembly.



Model	Stages	Charging Rate (CFM)	FAD (CFM)	HP	RPM	Purification System
5000 psig						
K20-D	4	21	17.5	27	1300	P5
K26-D	4	26.4	22	27	1350	P5
K42-D	4	42	35	44	1300	P10
K60-D	4	60	50	60	1350	P12 SECURUS
6000 psig						
H13-G	4	13	10.8	13.5	1420	P2 SECURUS
H13-D	4	13	10.8	18	1420	P2 SECURUS
H18-D	4	18	15	27	1325	P5 SECURUS
H25-D	5	25.2	21	27	1300	P5 SECURUS
H35-D	4	35.9	29.8	44	1200	P10 SECURUS

Air and Gas Regulators

Breathing Air and Oxygen Regulators



8330 - Air Regulator
8329 - Oxygen Regulator

8330/8329 Breathing Air/Oxygen Regulators - Hi-flow (5700 CFH/95 CFM) Meco regulator is the ultimate in reliable, field repairable regulators on the market today. Inlet pressures of up to 3000 psi, and an outlet pressure capability of 550 psi. The **8330** is perfect for HP standby breathing air while the **8329** is used for oxygen delivery. These regulators are built to withstand harsh offshore environments by using brass, stainless steel, teflon and bronze components throughout.

Design/Construction

- 3" stainless steel diaphragm
- 4 way seat block
- "Positive Pressure" yoke type regulation
- "Safe-T-Check" helps to prevent damage due to pressure surge
- 2.5" brass pressure gauges
- Easily replaced cylinder coupling with body nut
- Weight: 6.5 lb
- Repair Kit: **MRK**

The RS Series of medium duty, single stage regulators are the industry standard for applications that require consistent delivery pressure, at high flow rates, over a wide range of inlet pressures. Inlet pressure up to 3000 psi with outlet pressure up to 450 psi. These regulators have a flow capacity of 10,000 scf (air) and 7,900 scf (oxygen).

Design/Construction

- Machined brass body resists corrosion and extends service life
- Nickel chrome plated zinc bonnet
- Durable 2" neoprene diaphragm to maintain consistent delivery pressure
- Dual inlet filters extends regulator service life
- 2" dual scale gauges
- Self re-seating pressure relief valve
- PCTFE seats
- Weight: 3.5 lb



RS-2-5 - Air Regulator
RS-9-5 - Oxygen Regulator

Broco HVR-4401 Oxygen Regulator

The 2-stage Broco Underwater HVR-4401 regulator (used with 3/8" I.D. oxygen hose) delivers the high volume of oxygen required to optimize ultrathermic cutting performance. Flows 4400 cubic feet per hour.

UL Listed, the HVR-4401 has been designed and manufactured for ruggedness, ease of operation and maximum efficiency.

Maximum inlet pressure: 3000 psig

Delivery pressure: 0-350 psig

Weight: 9.0 lb



HVR-4401

To Adjust Gas Delivery Pressure for Cutting at Depth:

90 psi requirement at torch end

Depth x 0.445 = ambient pressure

Ambient Pressure + 90 psi Torch Requirement = Regulator Setting

EXAMPLE

Dive of 190 FSW, $190 \times 0.445 = 85$ psi

85 psi + 90 psi = 175 psi gauge setting topside



Air and Gas Regulators

Tescom Regulators, 44-1300 Series

The Tescom 44-1300 series regulators are high flow, high pressure, pressure reducing regulators. They can be ordered in a variety of flow rates and pressure ratings.

Features

- Large piston sensor gives excellent sensitivity
- Balanced valve design assures stable downstream pressure
- Large handknob provides fast low-torque pressure settings
- Self-venting

Repair Kit

389-1875

Standard

389-1873

Soft Goods



Basic Series	Body Material	Inlet Pressure	Outlet Pressure Range	Port Type	Port Size	Main Valve
44-13	1-Brass	3750 PSIG	2- 0-300 psig	1- SAE	08- 1/2"	1- 1/4"
	2-303 Stainless	4500 PSIG	3- 0-600 psig	2- NPT	12- 3/4"	2- 3/8"
	6-316 Stainless	4500 PSIG	5- 0-1000 psig	3- MS33649		
			6- 0-1500 psig	9- BSP		

Tescom Regulators, BB-1 Series

The miniature pressure reducing BB series regulator is one of the smallest and most durable regulators in the industry.

Features

- Durable piston sensed design
- Outlet pressure ranges are field adjustable
- Non-Venting
- Three 1/4" ports, one 3/8" outlet standard



Series	Function	Body Material	Load Type	Outlet Pressure		Seat	O-Ring Seal	Port Config. Number
				Adjustable	Preset			
BB	1- Pressure Reducing	3- Aluminum (6061)	A- Adjustable P- Preset	L1 0-80 psig	0-80 psig	K - CTFE P - PEEK V - Vespel	B- 90 duro Buna E- E.P. K- Kalrez N- Buna-N U- Polyurethane V- Viton	A4- 1/4" NPT (4)
				L2 0-140 psig	80-140 psig			B4- 1/4" SAE (4)
				L3 0-220 psig	140-220 psig			A2- 1/4" NPT (2)
				H1 0-700 psig	220-700 psig			B2- 1/4" SAE (2)
				H2 0-1200 psig	700-1200 psig			99- 1/4" NPT (3)
				H3 0-1800 psig	1200-1800 psig			3/8" NPT (1)

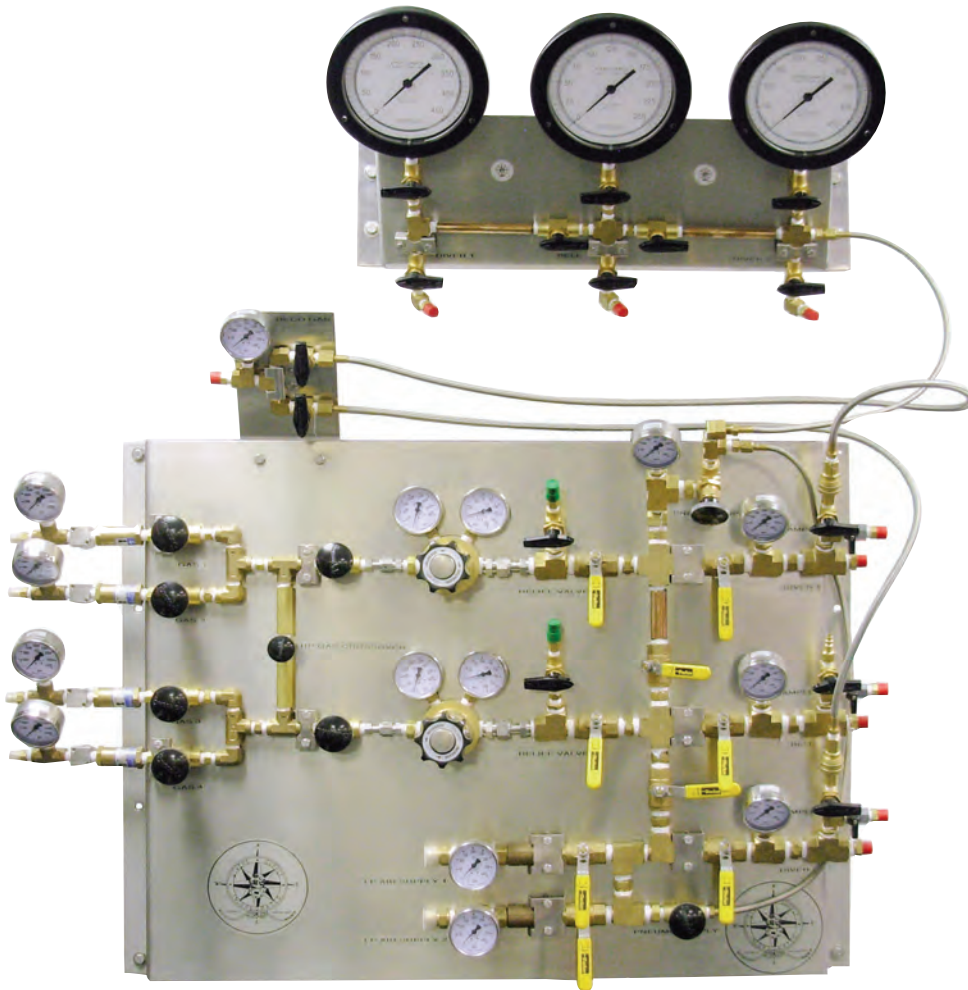
Tescom Regulator, 26-2900 Series (Backpressure Regulator)

Series	Body Material	Bias Pressure Range	Inlet/Outlet Port Type	Inlet/Outlet Port Size	Bias Mode	Flow Capacity
26-29	1- Brass	0- Zero Bias	1- SAE	8 - 1/2"	2- Negative	A - Cv = 2.0
	2- 303 Stainless	1- 0-15 PSIG	2- NPT			
		2- 0-30 PSIG	3- MS33694			
			9- BSP			



Gas Racks

Call us and discuss our standard gas rack configuration or how we can help you design a **customized** system to meet your needs. Customize with wall mounted, box mounted, portable, two divers, four divers, gas analysis ports and many other options. We carry a full line of regulators, gauges, valves and other fittings to accommodate most applications.



Gas Rack, Wall Mount
Our Stock System
GAS RACK 1B



Gas Rack in Aluminum Box

Divers Supply, Inc.

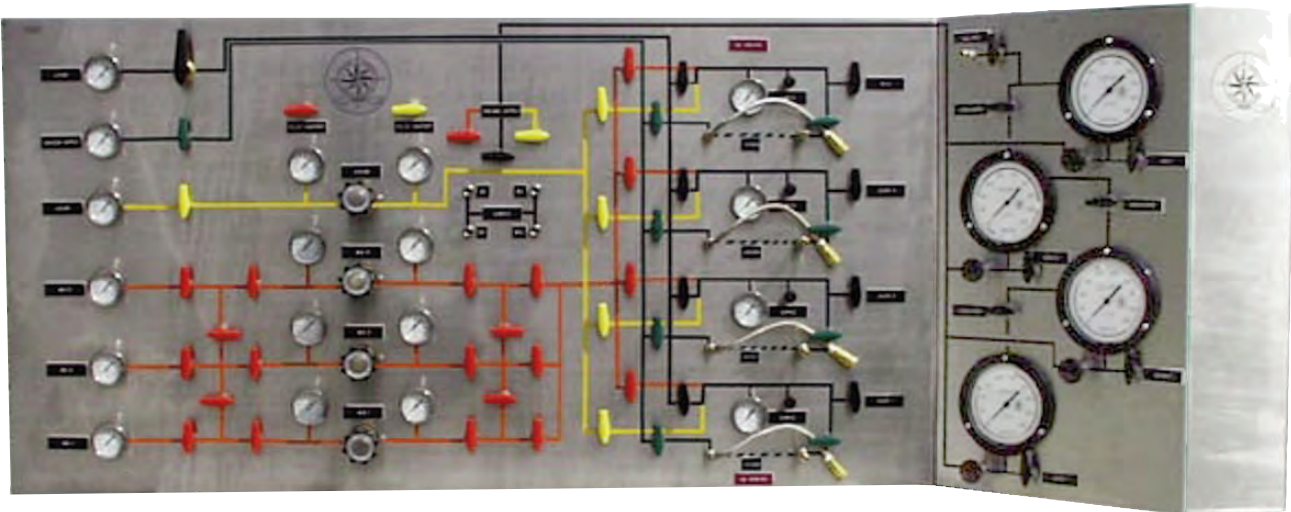
Phone: 888-221-8120 • Fax: 504-392-3920

www.diverssupplyinc.com

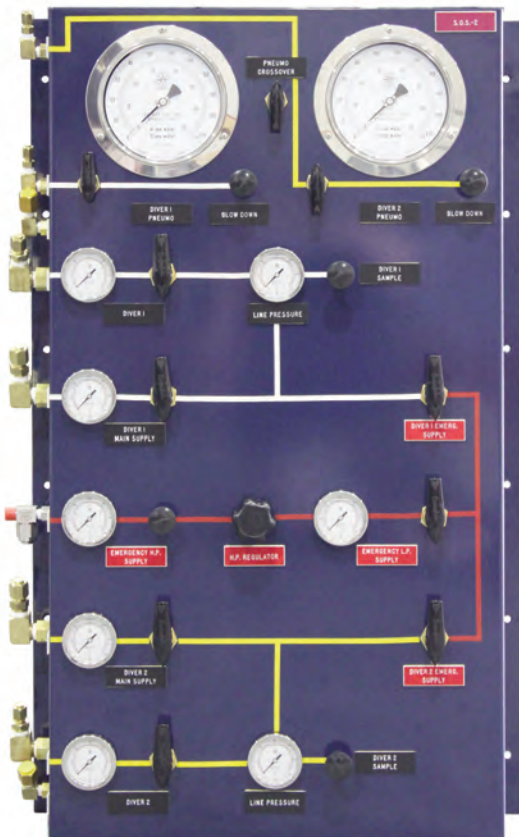
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Gas Racks & Panels



Gas Rack, Panel Mount



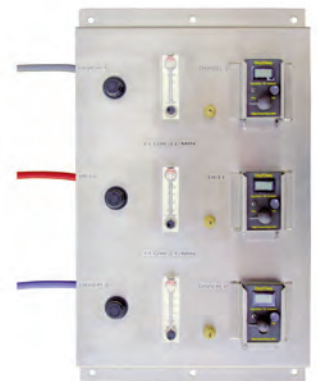
TDACPHP14

High Pressure Air Control Panel
designed for two divers



PANEL 3B

Two radio panel designed
to hold two 2825E radios
(not included)



ANALYZER PL 1B

Gas analyzer panel
has three slots
designed to hold
EXP analyzers (not
included)

Air Control

Low Pressure Alarm

The **LPA 8063801** low pressure alarm is a low pressure warning system utilized to alert an operator using compressed air for various pressure sensitive applications.

It is designed to allow the user to pre-select a low pressure alarm setting between 30 and 300 psi with a 1% repeatability accuracy. The alarm setting can be changed by the user if desired.

Model 8063801 operates from the included continuous operating adapter or it can be operated from the replaceable internal 9 volt transistor battery for short periods of time. Also included with the unit is an external audible alarm and strobe to further assure the safety of the operator(s).



LPA 8063801

Three Diver Air Control Box - High/Low Pressure Supply



*Call us to inquire
about custom
air control boxes!*

TDACBHP-3D

- Three diver pneumo panel with 6", 0-225 FSW, 1' increment pneumo gauges
- Four 0-300 psi inlet pressure gauges
- Three diver air manifold with check valves on primary and secondary air supplies
- Relief valve for gauge protection
- Individual pressurizing valves for each pneumo gauge
- Two L.P. inlet supply connections
 - One #10 JIC
 - One oxygen fitting

- Two regulated H.P. inlet supply connections
 - Stainless steel Q.D.s
- Three umbilical connections with valves
 - Oxygen fittings
- Water-resistant case
- **Options:** Single scale (FSW and psi) or dual scale gauges (FSW/MSW and psi/bar)
- **Options:** Scuba yoke or DIN
- **Options:** Low pressure only (Part number: **TDACB-3D**)



Two Diver Air Control Box

- Two diver pneumo panel with 6", 0-225 FSW, 1' increment pneumo gauges
- Three 0-300 psi inlet gauges
- Two diver air manifold with check valves on primary and secondary air supplies
- Relief valve for pneumo gauge protection
- Individual pressurizing valves for each pneumo gauge
- Three L.P. inlet supply connections
 - Two #10 JIC
 - One oxygen fitting
- Two umbilical connections with valves
 - Oxygen fittings
- Water-resistant case
- **Optional:** Dual scale gauges (FSW/MSW and psi/bar)
P/N: **TDACB1**



TDACB

Two Diver Air Control Box - H.P. Supply

- Two diver pneumo panel with 6", 0-225 FSW, 1' increment pneumo gauges
- Three 0-300 psi inlet pressure gauges
- Two diver air manifold with check valves on primary and secondary air supplies
- Relief valve for gauge protection
- Individual pressurizing valves for each pneumo gauge
- Two L.P. inlet supply connections
 - One #10 JIC
 - One oxygen fitting
- Two regulated H.P. inlet supply connections
 - Stainless steel Q.D.s
- Two umbilical connections with valves
 - Oxygen fittings
- Water-resistant case
- **Options:** Single scale (FSW and psi) or dual scale gauges (FSW/MSW and psi/bar)
- **Options:** Scuba yoke or DIN



TDACBHP1

Single Diver Pneumo Box

- 6", 0-255 FSW, 1' increment pneumo gauge, shock mounted
- Presurizing valve
- 10' pneumo whip
- One inlet connection
 - Oxygen fitting
- One umbilical connection
 - Oxygen fitting
- Water-resistant case



SDPB

Two Diver Air Control Box Deluxe



TDACBD

- Two diver pneumo panel with 6", 0-225 FSW, 1' increment pneumo gauges
- Three 0-300 psi inlet gauges
- Two diver air manifold with check valves on primary and secondary air supplies
- Relief valve for pneumo gauge protection
- Individual pressurizing valves for each pneumo gauge
- Three L.P. inlet supply connections
 - Two #10 JIC
 - One oxygen fitting
- Two umbilical connections with valves
 - Oxygen fittings
- Water-resistant case
- Two diver, two-wire 8 watt air radio
- Includes: big digit timer, 1st stage regulator with 10' whip and deluxe headset with boom microphone
- Water-resistant case
- **Optional:** Dual scale gauges (FSW/MSW and psi/bar)
P/N: TDACBD1

Two Diver Air Control Box Deluxe - High/Low Pressure Supply

- Two diver pneumo panel with 6", 0-225 FSW, 1' increment pneumo gauges
- Three 0-300 psi inlet pressure gauges
- Two diver air manifold with check valves on primary and secondary air supplies
- Relief valve for gauge protection
- Individual pressurizing valves for each pneumo gauge
- Two L.P. inlet supply connections
 - One #10 JIC
 - One oxygen fitting
- Two regulated H.P. inlet supply connections
 - Stainless steel Q.D.s
- Two umbilical connections with valves
 - Oxygen fittings
- Two diver, two-wire 8 watt air radio
- Includes: big digit timer, 1st stage regulator with 10' whip and deluxe headset with boom microphone
- Water-resistant case
- **Options:** Single scale (FSW and psi) or dual scale gauges (FSW/MSW and psi/bar)
- **Options:** Scuba yoke or DIN



TDACBDHP



Air Control & Communications

KMACS 5 Air Control Box

The Kirby Morgan Air Control System 5 (KMACS 5) is a portable control box for use in surface supplied air diving operations. The KMACS 5 controls the diver's air supply and comes with or without radio. It allows two divers clear push-to-talk (two wire) or "round robin" (four wire) communications.

The air supply can be either from a low pressure compressor or high-pressure cylinders. The KMACS 5's adjustable first stage regulator reduces the high-pressure air and supplies low pressure through the umbilical to the diver's breathing system. Low pressure air supply fittings allow for a L.P. compressor to be used as the primary air source.



400-046 (With Radio)

400-045 (No Radio)

Amcommand I

The Amron Amcommand I is a complete one diver air control, depth monitoring and communications system. It has both high and low pressure inlet supply connections and can handle two high pressure inlet sources. The compact high flow regulator is adjustable which allows topside to select the diver's outlet pressure depending on the helmet or mask requirements. The 6" pneumo gauge has dual FSW/MSW scales and has 0.25% accuracy. The Amcommand I includes a panel-mounted one diver radio which features both 2 & 4 wire communications capability. This 22-watt radio has an extended gel-cell rechargeable battery life, a built in universal charger, VCR compatible tape record jack and a hand held microphone. The two 6' HP supply whips are complete with the "A" style yoke to fit a standard scuba bottle (CGA-850 connection, 3000PSIG max) and is stored in the lid.



8111

Amcommand II

The Amron Amcommand II is a portable, self contained, two diver complete dive system. The Amcommand II provides all of the operations necessary to monitor and control the diving operation. The system is a central control point for the supply of breathing air to the divers, monitors the divers depth, provides an audio alarm if the divers air pressure falls below a preset limit, and provides superior communications for two divers and topside personnel.



8225-HP

Amron - 3 Diver Air Control

The Amron Model 8300 is a portable three diver high and low pressure air control and depth monitoring system for surface supplied diving operations. The system is designed to provide a central control point for the supply of breathing air to three divers and monitor their depth..

The System includes automatic gauge protectors in addition to gauge snubbers which protect against over pressurization. The pneumo panel has the ability of crossover to check all depth gauges. The divers pneumo connection is an oxygen fitting, pneumo valves are regulating type.



8300

LifeLine Rechargeable Three Diver Radio



3DR-R

- Diver and tender volume controls
- Audio record out jack
- External power jack
- Diver select switch for either diver or both divers
- Speaker on/off switch
- Earphone and headset jacks
- Aluminum faceplate with two handles for easy removal
- Water-resistant case & speaker
- Weight: 14 lb (with battery and power supply)
- Dimensions:
 - Length: 13.25"
 - Width: 8.75"
 - Height: 6"

LifeLine Two Diver Radios

- Diver and tender volume controls
- Audio record out jack
- External power jack
- Diver select switch for either diver or both divers
- Speaker on/off switch
- Earphone and headset jacks
- Aluminum faceplate with two handles for easy removal
- Water-resistant case & speaker

- Weight: 12 lb (TDR with battery)
14 lb (TDR-R with battery and power supply)
- Dimensions:
 - Length: 13.25"
 - Width: 8.75"
 - Height: 6"
- Available in standard (P/N : **TDR**) and rechargeable (P/N : **TDR-R**) models



TDR



TDR-R



LifeLine Single Diver Radio



SDR

- Diver and tender volume controls
- Audio record out jack
- External power jack
- Aluminum faceplate with two handles for easy removal
- Water-resistant case & speaker
- Weight: 10 lb (with battery)
- Dimensions:
 - Length: 13.25"
 - Width: 8.75"
 - Height: 6"
- Available in standard (P/N : **SDR**) and rechargeable (P/N: **SDR-R**) models

LifeLine Chamber Dive Radio

- Similar functions as SDR but with a smaller case
- Two handles which serve as switch guards
- Diver/tender volume controls
- External power jack
- Remote push-to-talk jack
- Water-resistant case & speaker
- Weight: 7 lb (with battery)
- Dimensions:
 - Length: 10.75"
 - Width: 9.5"
 - Height: 6"



Optional
Chamber Mounting Bracket
(CMRB) attaches to chamber
and holds radio by case handle



CDR-A

Need a part to repair your LifeLine radio? Call us! All radio parts are kept in stock.

LifeLine Radio Parts & Accessories



926

Replacement 12 V
battery for LifeLine
radios.



522-1022-ND

Replacement
rechargeable 12 V
battery for rechargeable
LifeLine radios.



DC32WI

Replacement speaker for
SDR LifeLine radio.



VTB-2

Replacement speaker
for TDR LifeLine radio.



PH-61

Telex deluxe headset with
boom mic and mono-plugs.
For use with TDR LifeLine
radio.



EPS-12V

External power supply,
110 VAC to 12 VDC.

Amron Radios

Amron Radios are some of the most powerful radios on the market today. These radios have numerous accessories and power options to meet your every communication need.



2810E-1

Single Diver Radio

- 20 watt audio output
- Separate volume control for diver and tender
- 2- and/or 4-wire communication
- Headset jack
- 12 VDC
- Water tight case
- Available with rechargeable gel cell battery and external charger (P/N 2810E)



2825E

Two Diver Radio

- 22 watt audio output
- Separate volume controls for each diver and tender
- 2- and/or 4- wire communications
- Includes noise cancelling hand-held mic
- 110/220 VAC 50/60 Hz (automatic sensing)
- Water tight case
- Available with rechargeable gel cell battery and external charger (P/N 2825A/23)
- Available with rechargeable gel cell battery and internal charger (P/N 2825A/24)



2825A/24/28FDW



2829-01

Amron's Full Duplex (Simulcom™) Wireless Tender is designed for the topside tender to communicate to divers with hands-free operation and no required buttons to push. This wireless unit allows mobility for the tender while checking equipment and still maintaining constant contact with the divers.

This system comes standard with any Amcom Communicator with the wireless option (/28FDW). The unit features a totally duplex design that provides a continuous open line of communication between the tender and divers as if talking on a telephone.



2830A

Three Diver Radio

- 22 watt audio output
- Separate volume controls for each diver and tender
- 2- and/or 4- wire communications
- Includes noise cancelling hand-held mic
- Water tight case
- Available in 110/220 VAC
- Available with rechargeable gel cell battery and internal charger (P/N 2830E/24)



Communication



2825A/24/26DSP2

Two Diver Radio, Helium Unscrambler

- 22 watt audio output
- Real-time audio processing with optimized performance over a wide range of depths and background noise
- Treble Boost Control provides means of adjustment to optimally enhance the commercial diver's microphone performance and allows for improved intelligible speech from the commercial diver's voice
- Depth Control increases or decreases the diver's depth algorithm changing the amount of correction to the raw helium speech
- Advanced Noise Reduction Filter incorporates a complex DSP algorithm which filters out background noise while allowing the commercial diver's speech to be clear and intelligible
- Noise Reduction Filter has four adjustment levels for the reduction of background noise in both depth modes
- Separate volume controls for each diver and tender
- 2- and/or 4- wire communications
- Includes noise cancelling hand-held mic
- 110/220 VAC 50/60 Hz (automatic sensing)
- Water tight case

Three Diver Radio, Helium Unscrambler

- 22 watt audio output
- Real-time audio processing with optimized performance over a wide range of depths and background noise
- Treble Boost Control provides means of adjustment to optimally enhance the commercial diver's microphone performance and allows for improved intelligible speech from the commercial diver's voice
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- Advanced Noise Reduction Filter incorporates a complex DSP algorithm which filters out background noise while allowing the diver's speech to be clear and intelligible
- Noise Reduction Filter has four adjustment levels for the reduction of background noise in both depth modes
- 22 watt audio output
- Separate volume controls for each diver and tender
- 2- and/or 4- wire communications
- Includes noise cancelling hand-held mic
- 110/220 VAC 50/60 Hz (automatic sensing)
- Water tight case



2830A/24/26DSP2

Amron Radio Accessories



**PH-61B
2460-28**

Headset with boom
mic.



2823-602

External battery charger
for gel cell batteries.



**HHM1
2405-28**

Noise cancelling push-to-
talk microphone.



**RPTT-25
2821-28**

Remote push to talk switch.

Communications



SP-100-D

SP-100D Buddy Phone

The SP-100D Buddy Phone is designed to operate with Buddy Phone transceivers and incorporates state of the art digital signal processing circuitry ensuring great performance and clarity. It operates with all Single Sideband acoustic underwater devices within range and on the same frequency. Place the SP-100D Buddy Phone in a secure area, lower the 35' transducer cable into the water and talk via a hand-held microphone.

The SP-100D Buddy Phone offers many useful features including: front panel squelch control, front panel speaker, heavy duty water resistant housing, 12 volt external power accommodations, hand-held microphone and more.

Aquacom STX-101

The Aquacom STX-101 Surface Station is a four channel, through-water portable surface station designed to operate with Aquacom SSB-2010 transceivers. It is also compatible with all Buddy Phone transceivers on the same frequency (typically channel 1), SSB-2001B-2, SSB-1001B or any single-side band transceiver in the same frequency and within range.

The Aquacom STX-101 Surface Station comes standard with a 35' transducer cable, transducer and hand-held microphone. A headset with boom microphone is optional for when privacy is desired.



STX-101



MK2-DCI

Aquacom MK2-DCI

The Aquacom MK2-DCI is a compact, self-contained, two diver air intercom. It is designed to allow one or two divers clear communications either in two-wire (push-to-talk) or four-wire (round robin) mode. Up to three divers can be "stacked" on each side, allowing a total of six divers to communicate at once.

To ensure the highest intelligibility possible over virtually any length of communication wire, the MK2-DCI has 20 watts of audio power. It is rugged in design to withstand the harsh marine environment.

ComBox

The ComBox Silver Bullet is a compact, self-contained one diver air intercom. It allows clear two-wire communications using a powerful 20 watt amplifier and a heavy duty front panel speaker - the "Silver Bullet". The ComBox is rugged and offers many useful features. The push to talk control is an industrial vending machine switch which is designed to be used all day long. The "Silver Bullet" front panel speaker is small but packs a lot of sound.



COMBOX1



Communications

Bell-200 Back Up System



BELL-200

The Bell-200 is designed to meet the rugged demands of commercial, scientific and military diving. It is primarily used in diving bells or confined spaces.

Although compact in design, the Bell-200 puts out 70 watts and is set to a standard frequency of 25 kHz. Other channels are available (such as 8.0875 kHz upper sideband). An optional headset with boom microphone is available.

DRS-100B Diver Recall

The DRS-100 (MOD B) Diver Recall/Hydrophone system is US Navy approved and used by Naval Special Warfare units, as well as by salvage divers around the world. It is designed to alert all divers within range with either voice, a solid tone or an intermittent tone. You can also feed sound into the water (i.e. music, pre-recorded announcements, white noise, etc.) via a line-in connector located on the front panel. The DRS-100B also has a listen mode allowing the user to listen to marine and/or man-made noise. A record-out receptacle allows the user to connect the unit to a recorder.

The DRS-100B is portable and comes standard with rechargeable batteries, battery charger, deluxe hand-held microphone and a heavy duty transducer with 25' of cable.



DRS-100B

Accessories



RX-100

The Buddy Phone is a receive only unit that attaches to the existing mask strap.



SSB-2010

This diver-worn transceiver provides communications for diver-to-diver, diver-to-surface or vice versa.



EMA-2

The Earphone/Microphone Assembly is compatible with the Interspiro Divator MKII mask.



MK-7

One or two divers can be on-line with the Buddyline round robin mode.



WT-MK2

Wireless tender designed to interface with most existing diver intercom systems.

Gas Reclaim

Electric Gasmizer Diver Gas Reclaim

The Electric Gasmizer is the world's most popular gas reclaim system. Comprised of four main robust components, it is easy to see why. It will reclaim gas from up to two divers at 1,650 FSW/500 MSW.

The Control Console is located in the dive control shack allowing the diving supervisor to monitor and control all functions of the diver gas recovery system including electric gas booster start/stop, oxygen injection, diver supply pressure, exhaust hose pressure and the addition of make-up gas.

Internal Bell Equipment maintains the optimum negative pressure in the divers exhaust hose, removes water and provides automatic shutdown of the exhaust circuit should the diver's gas supply be interrupted. It also allows the bell atmosphere to be scrubbed.

The External Bell Equipment consists of a high-flow check valve which prevents reverse flow and an external water trap that allows water, which has been condensed out of the bell exhaust hose, to be removed from the gas flow path. Baffles ensure water removal efficiency. It is easily disassembled for cleaning. Made of stainless steel construction for corrosion resistance

The Gas Booster is a purpose-built electric driven, non-lubricated, water-cooled, two stage gas booster which will support two divers down to 1,650 FSW by supplying a minimum of 150 actual liters per minute at all diving depths.

The Reprocessing Unit is compact, rugged, and contains the components for precisely reprocessing the breathing gas from two divers down to 1,650 FSW.



Control Console
B1571



Reprocessing Unit
B15730



Gas Recovery System
A10621



Gas Reclaim

Cost Savings Analysis

Open circuit breathing gas cost per 10 hour day, calculated at 1.5 cu/ft. per min per atm in USD.

Diving Depth FSW	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12
100	181	218	254	290	326	262	399	435
200	317	381	445	508	572	635	699	763
300	454	545	636	727	817	908	999	1090
400	590	709	827	944	1063	1181	1299	1417
500	727	872	1018	1163	1308	1454	1599	1744
600	863	1036	1208	1381	1554	1726	1899	2072
700	1000	1200	1400	1600	1800	2000	2200	2400
800	1136	1363	1590	1817	2045	2272	2499	2726
900	1273	1527	1781	2036	2290	2545	2799	3053
1000	1409	1690	1972	2254	2536	2817	3099	3381
1100	1546	1854	2163	2472	2781	3090	3399	3708
1200	1681	2018	2354	2690	3026	3363	3699	4035
1300	1818	2181	2545	2908	3272	3635	3999	4363
1400	1954	2345	2736	3127	3517	3908	4299	4690
1500	2090	2509	2927	3345	3763	4181	4599	5017
1600	2227	2672	3188	3563	4008	4454	4899	5344

Gas Reclaim Helmet



SL-17B - A10290
SL-17C - A10170

See pages 168-169 for
reclaim helmet parts breakdown.



The **Ultrajewel** range of reclaim helmets is the most efficient and reliable currently available to the commercial diver. When used with the Gasmizer system, gas consumption is typically reduced by 90% or better.

The combination of the Ultraflow demand valve and the Jewel reclaim valve has been established as the industry standard, but through Divex's policy of continuing development, they have further improved performance and reliability.

Advantages of the closed circuit reclaim helmet is the excellent communications capability with less bubble noise and exhalation resistance at as little as 0.3 bar.

Sodasorb HP

Description:

Sodasorb HP consists essentially of hydrated lime ($\text{Ca}(\text{OH})_2$), sodium hydroxide (NaOH) and potassium hydroxide (KOH) mixed by a special method, with carefully controlled moisture content and porosity.

US Pharmacopoeia:

Sodasorb HP complies fully with the specification for soda lime carbon dioxide absorbent.

Uses:

- Diving* Absorbs carbon dioxide in helium-oxygen breathing systems, hyperbaric chambers and scuba apparatus.
- Industry* Absorbs acid gases, aids purification, adol condensation catalyst.
- Re-breathers* Absorbs carbon dioxide and acid gases in personnel rebreathers for mine, fire and other safety systems.



Types:

Available in indicating Sodasorb (P/N: SODASORB HP), containing ethyl violet which changes in color from white to purple as its capacity for absorption is exhausted. The clearly observable color change signals a clinical point of exhaustion and need for replenishment. Also available without color change feature, non-indicating Sodasorb (**SODASORB HP NI**, Mil. Spec. Number 6810011130110).

Mesh Size:

The mesh size most commonly used in rebreathing systems is 4-8 mesh. A finer 6-12 mesh material is also available

Moisture Grades:

High moisture (14-19%) and intermediate moisture (10-14%). For these applications, high moisture Sodasorb is used in high humidity conditions, one of the other moisture levels may be appropriate.

Physical Form:

Sodasorb HP is specially processed into porous, coral-like granules in order to expose the greater area of the absorbent surface. In a canister, these knobby granules permit free inter-granular circulation of gases. They have no flat surfaces to stack and block, and their hardness makes them highly resistant to powdering and breakage in packing, shipping and handling.

Greater Efficiency:

Laboratory tests have proven Sodasorb HP is fully effective 2-3 times longer than other absorbents, even at low temperatures.

Plastic Pail

The most economical way to buy Sodasorb.

A durable all-plastic, five gallon pail. Lighter in weight with added reusable value. Equipped with a handy, plastic pull-out, tamper-proof spout for easy pouring.



For Removal of Toxic, Corrosive and Odorous Gases



Proven Performance

- Documented removal capacities to ensure proper system design
- Effective against a broad range of contaminant gases
- Media life analysis projects remaining media life for proper maintenance and optimum performance

Characteristics

- Class I listed as non-flammable
- Non-toxic
- Will not support bacterial or fungal growth

Applications

- Designed for use in industrial environments where toxic, corrosive and odorous gases are a concern
- Designed for use in commercial environments experiencing heavy, IAQ containment and odor levels

PURAFIL

Removal Capacity

Purafil II Chemisorbant media shall meet the following removal capabilities:

Hydrogen Sulfide: 8% minimum by weight
Sulfur Dioxide: 3.5% minimum by weight
Nitric Dioxide: 2.5% minimum by weight
Nitrogen Dioxide: 1.0% minimum by weight
Formaldehyde: 1.4% minimum by weight

** For example, 100 pounds (43.36kg) of Purafil II chemisorbant media will remove 8 pounds (3.6 kg) of hydrogen sulfide.*

Application Guidelines

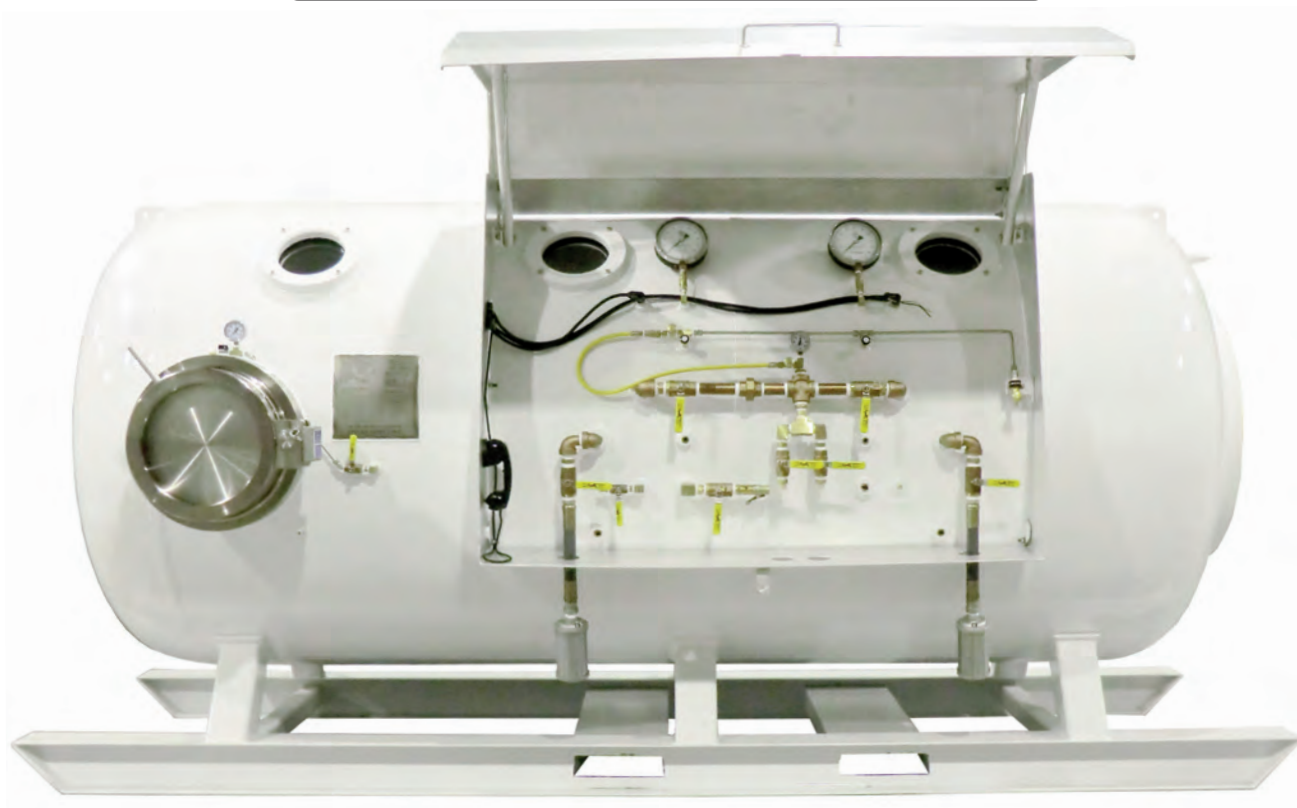
Purafil II Chemisorbant media shall perform effectively when the following guidelines are followed:

Temperature: -4 °F to 125 °F
-20 °C to 51 °C

Humidity: 10-95% RH



Chambers



54" Recompression Chamber

CHAMBER 54 PLAF

(Shown with optional MEDICAL LOCK 2)

Complete With:

2 each 30" manways
4 each 8" viewports
Steel skid with forklift slots
2-point top lift
2 each 6" 0-300 FSW 1/2% accuracy gauges
1 each 2 1/2" supply pressure gauge
3 each sound powered phones
2 each paging speakers

Dual air inlets with valves
Oxygen bypass hose
Extra heavy brass plumbing
Aluminum deck plates and mounting brackets for speakers
Aluminum side cover canopy
Emergency fire blanket
Relief valve
Blind Flange

Options:

Lloyds Registration*
ABS Witness of Test*
ABS Design and Inspection*
Stainless Steel Plating of Surfaces*
Bunks*
Integrated Medical Lock*
Extra Penetrators*

Lighting
Bib Masks
Caisson Gauge
Mattress
Radio Communicator
Heater
Viewport Covers
CO₂ Scrubber

* must be requested at time of manufacture

Standard Chamber Sizes: 54", 60", 72" and 84"

Chambers are built in accordance with the latest edition of ANSI-ASME PVHO-1 Standards and ADCI Consensus Standards for Commercial Diving Operations, National Board Registered, Meets OSHA 29CFR-1910 and U.S. Coast Guard 46CFR-197 requirements. Complete documentation package provided.

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Phone: 888-221-8120 • Fax: 504-392-3920

www.diverssupplyinc.com



Chambers

Divers Supply Inc. offers the ability to custom design chambers and other PVHOs to meet your requirements.



74" recompression chamber designed and custom outfitted by Divers Supply, Inc. Included: lighting, seating, control panel, and medical lock.

***Contact us for a
quote on your
custom requirements.***



54" double-lock recompression chamber with medical lock, CO₂ scrubber, stainless steel plating on manway ring and neoprene insulation.

Medical Lock

Once again, Divers Supply has proven that
Compliance Doesn't Have To Be Complicated



Manufactured by JM Canty and sold exclusively through Divers Supply, the **MEDICAL LOCK 2** is ADCI and IMCA compliant. It meets PVHO Standards and conforms to ABS and DNV Standards.

Features:

- Nickel plated
- Safety interlock will not allow a pressurized door to open.
- Automatic latch pin engages when the door is fully opened or closed. Once engaged, the latch pin must be manually operated in order to open or close the door.
- Bolt-on and weld-on models available.
- SAT tankage model available.



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Chamber Accessories

Divers Supply offers a full line of accessories to customize your chamber inside and out.



PG-S3

Pneumo Gauge
6" dial, 0-300 FSW,
1/2% accuracy, 1'
increments, 1/4" MPT
connection



CG-SF3

Caisson Gauge
6" dial, 0-300 FSW,
1/2% accuracy, 1'
increments, rear flange, S/S
(CG-SF3DS: Dual scale)



HTAB-176

Hygrometer and
temperature gauge



CDR-A

LifeLine
chamber dive radio



CMRB

Chamber mounting
bracket for CDR,
bolts to viewport housing



SPT550-SC

Sound powered phone
with straight cord



DCM-3

Chamber speaker



9000-ECS

Air conditioning unit,
external, 220 V/60 Hz
4000 BTU



9100-ICS2

Air conditioning unit,
internal

Chamber Accessories

Divers Supply offers a full line of accessories to customize your chamber inside and out.



SODASORB HP
CO₂ absorbent,
available in indicating and
non-indicating
(**SODASORB HP NI**)



EXP
Oxy-Cheq
oxygen analyzer
also available in
PPO₂ (**EXP-PPO2**)



BH50024
Carbon dioxide scrubber

Don't see it? Call us!



M10
Muffler
used outside the chamber,
1" MPT



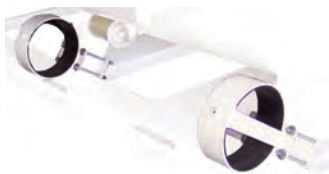
Cindered bronze mufflers
1/4" - **P28**
1/2" - **P48**
3/4" - **P68**
1" - **P88**



114-5-135
135 PSI relief valve



26-2912-282A
Backpressure regulator



CBR
Chamber bottle rack
for cylinder storage



Hyperbaric fire extinguisher
2 L, 120 m depth rating - **CES3000**
5 L, 120 m depth rating - **CES7000**
2 L, 450 m depth rating - **CES3500**
4 L, 450 m depth rating - **CES7500**
5 L, 450 m depth rating - **CES8500**



Fire extinguisher refill
CES3000 - **CES201**
CES3500 - **CES202**
CES7000 - **CES203**
CES7500 - **CES204**
CES8500 - **CES205**



Chamber Accessories

Divers Supply offers a full line of accessories to customize your chamber inside and out.



STS-B2001

BIBS mask with
overboard dump, CE
certified



E12380

Divex Ultralite BIBS mask
with overboard dump



803600-02

Scott BIBS mask,
single hose,
no overboard dump



803139-01-02

Scott Pressure Vak II BIBS
mask, with overboard
dump



4121

Hyperbaric bunk light,
Birns, 12 V, 20 W



**4132 or
HB-21B**

Hyperbaric light, Birns or
Aquabeam, 24 V, 28 W,
6' Cable



HYL 250

Hyperbaric chamber light,
Cauty, 120 V, 250 W



HYL 80

External deck chamber
light, 120 V, 80 W



SCCCP

Chamber penetrator, 4-wire, 1/2"
MPT, stainless, 1000 psi, 6' leads
3/4" PENETRATOR: 8-wire



P19N-12-RA-LS-6

Chamber penetrator, 12-wire, 3/4"
MPT, stainless, 1000 psi, 6' leads,
ABS certified

P25N-16-RA-LS: 16-wire, 1" MPT,
7' leads, ABS certified

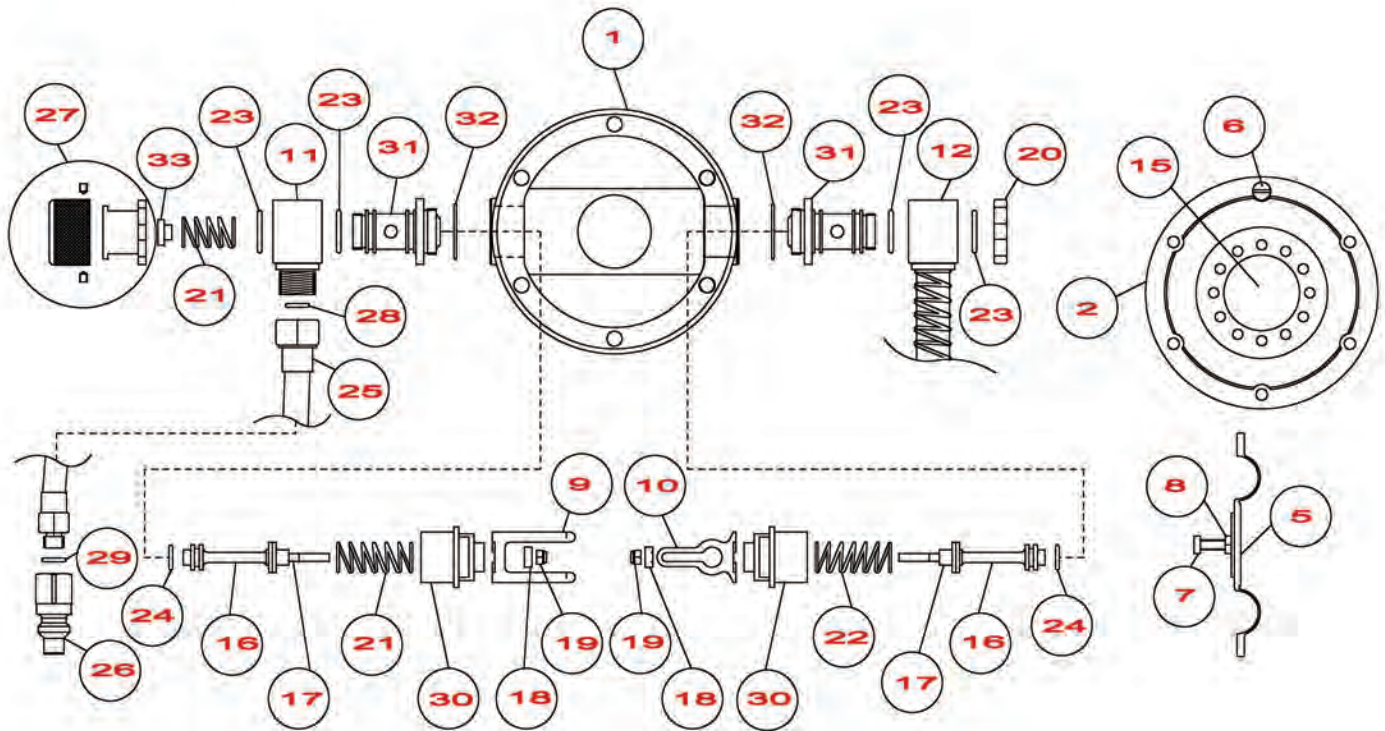


MATTRESS

Chamber mattress, fire
resistant foam filled
(75"L x 30"W x 4"H)

BIBS Masks

STS-B2001 BIBS Mask (CE Certified)



1	2002	Main Case
2	2003	Case Cover
3	2004	Oral Nasal Mask Complete
4	2005	Head Harness Complete
5	2006	Diaphragm
6	2007	Cover Screws
7	2008	Diaphragm Screw M4x16 Nylon
8	2009	Diaphragm Nut M4 Nylon
9	2010	Inlet Lever
10	2011	Exhaust Lever
11	2012	Inlet Banjo
12	2013	Exhaust Hose Complete
13	2014	Oral Nasal Plug Silicone
14	2015	Oral Nasal Plug Cap
15	2016	Decal
16	2017	Valve Stem
17	2018	Valve Seat
18	2019	Lever Bush
19	2020	M3 Nyloc
20	2021	Banjo Nut
21	2022	Inlet Spring Set
22	2023	Exhaust Spring
23	2024	Banjo O-ring
24	2025	Valve Spindle O-ring
25	2026	Inlet Hose Assembly
26	2027	Inlet QD Male Hose End
27	2028	Free-flow Control Assembly
28	2029	Inlet Hose Swivel O-ring
29	2030	Inlet Hose O-ring QD
30	2032	Lever Housing
31	2034	Valve Seat Body
32	2035	Valve Body O-ring
33	2056	Safety Valve



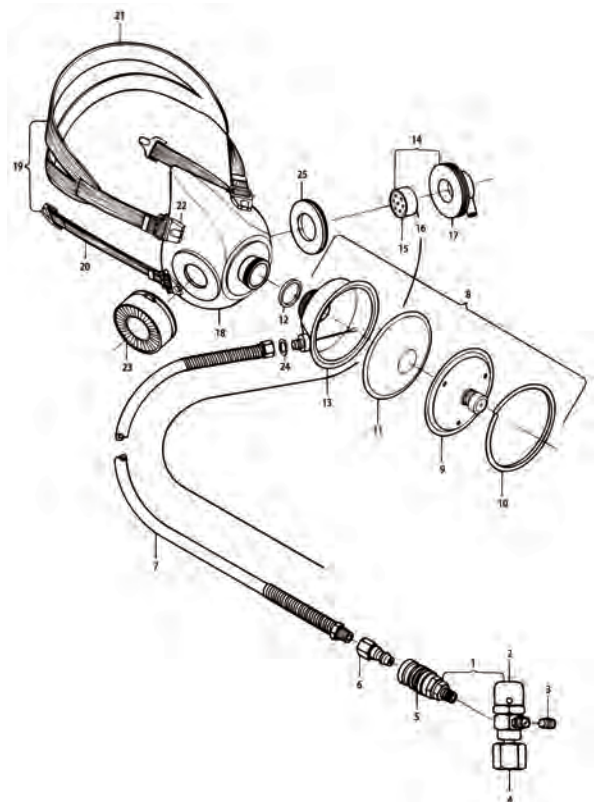
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BIBS Masks

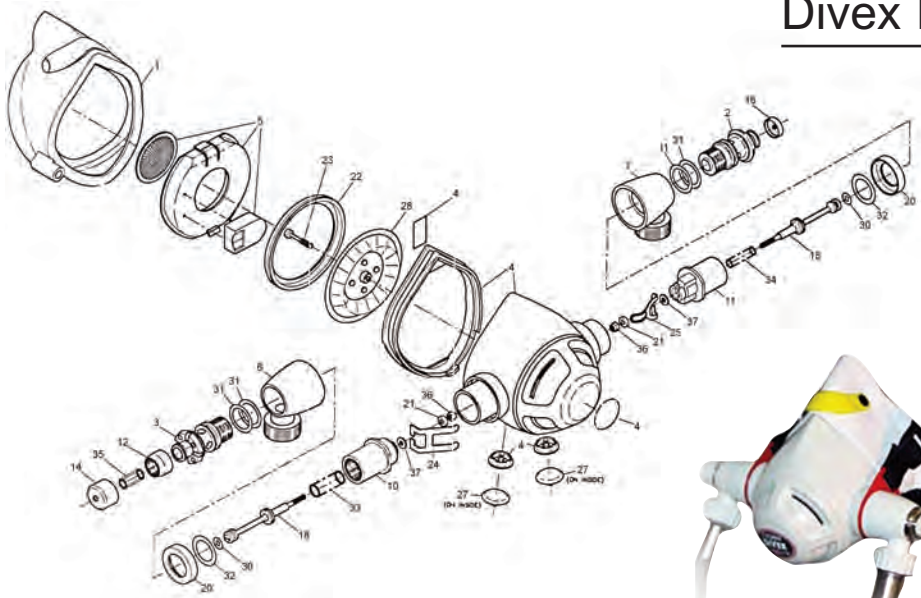
Scott Series 803600 BIBS



The Scott Series 803600 BIBS mask is designed to administer oxygen or other treatment gas mixtures to a diver or patient in a hyperbaric chamber environment where it is not critical that the breathing medium is exhaled directly into the chamber atmosphere.

1	801804-00	1st Stage Regulator Assembly	14	27495-04	Microphone Assembly
2	58370-00	Regulator Body	15	6232-00	Microphone Only
3	6818-3	Plug, Regulator	16	58506	Tinsel Line Cord, 8ft.
4	8580-00	Coupling, Regulator	17	27495-04	Housing, Microphone
5	18969-00	Quick Disconnect	18	803677-02	Faceseal w/Straps
6	18970-00	Hose Plug	19	600118-00	Strap Assembly
7	26037-08	Hose Assembly, 8ft	22	64001-00	Buckle Bar and Clip
8	800227-00	Demand Regulator Assembly	23	64152-02	Exhaust Valve Assembly
9	26018-01	Cover, Regulator	24	2827-49	Gasket, Hose
10	26010-01	Clamp, Regulator	25	10005711	Plug
11	26004-01	Diaphragm		RK-803600	Inhalator Repair Kit
12	2827-08	Gasket, Regulator to Faceseal		RK-800227-00	Regulator Repair Kit
13	800228-00	Case Assembly			

Divex E12380 Ultralite 2



The E12380 Ultralite 2 BIBS mask is used in dry hyperbaric environments to breathe oxygen during decompression of divers and is used to administer oxygen to patients in hyperbaric medical chambers.

The Ultralite BIBS is designed to perform to the high standards set by the HSE/NPD in their 1991 requirements.

- Specifically designed for the diving, medical and hyperbaric industries
- Very low breathing resistance
- CE marked
- Air, oxygen and mixed gas use
- Lightweight and comfortable

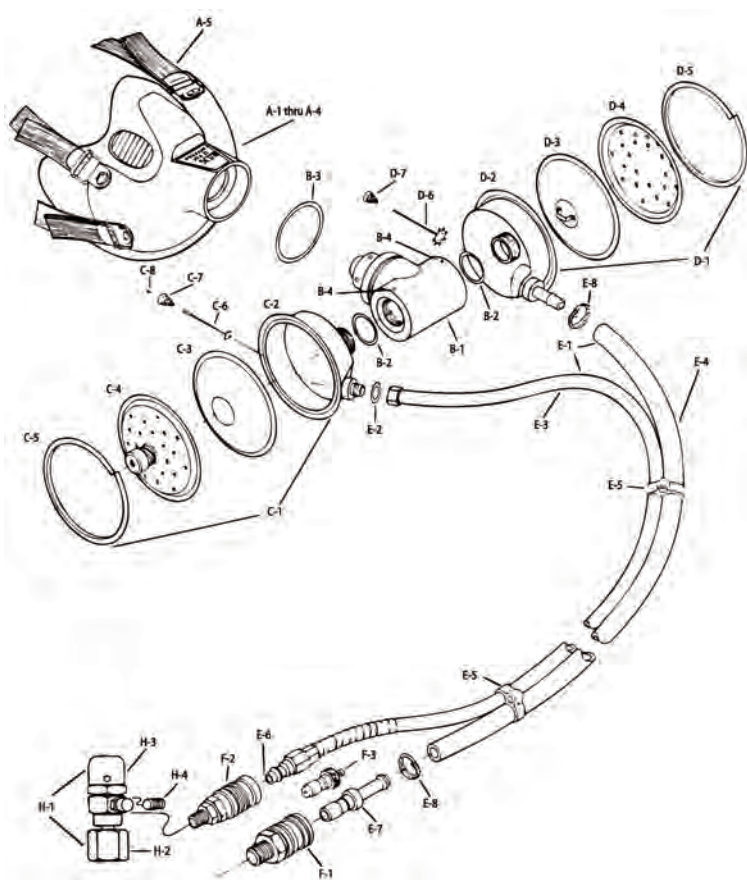


1	E12347	Oral Nasal Assembly
2	E12306	Nipple, Valve, Exhaust
3	E12316	Stem, Valve, Inlet Nipple
4	E13836	Body, Housing, Assembly
5	E13837	Panel, Rear, Assembly
6	E12304	Banjo, Inlet
7	E12305	Banjo, Exhaust
10	E12307	Valve Body, Inlet
11	E12308	Valve Body, Exhaust
12	E12319	Knob, Control, Freeflow, Inner
14	E12320	Cap, Knob, Free Flow, Control
16	E12321	Liner, Cap for Cylinder Ex Side
18	E13209	Stem, Valve, Assembly
20	E13801	Washer, Clamp, Nipple
21	E12323	Spacer, Valve Stem Nut
22	E12343	Clip Ring, Diaphragm
23	E14942	Screw, Adjuster, Diaphragm
24	E12314	Lever, Valve, Inlet
25	E12313	Lever, Valve, Exhaust
27	E12350	Mushroom, Relief Valve
28	E12329	Diaphragm
30	E13991	O-Ring, 4.47 ID x 1.78
31	E14719	O-Ring, 17 ID x 1.5
32	E12337	O-Ring, 17 ID x 2.5
33	E13816	Spring, Compression
34	E13817	Spring, Compression
35	E13818	Spring, Compression
36	E12334	Nut, Hex, Self-Locking
37	E12333	Washer, Flat, Form "B"

BIBS Masks

Scott 803139-01-02 Pressur-Vak II

The Scott Pressur Vak II is designed to administer oxygen or gas mixtures to a diver or patient in a hyperbaric chamber environment. The demand regulator assembly provides breathing gas on demand (inhalation). the regulator is designed to operate with a constant inlet pressure of 65 to 125 psig over ambient.



A-1	803152-xx	Face Seal Assembly xx=size (see below)
A-5	803115-01	Head Strap, Elastic
A-7	00-5401	Screw, w/o O-ring (4)
A-8	834-12	Capped T-Nut (4)
A-9	801430-03	Buckle Bar (Face Seal) (4)
B-1	803100-01	Manifold Assembly
B-2	18062-00	O-ring, Manifold to Regulators (2)
B-3	21506-01	O-ring, Manifold to Face Seal
C-1	800954-01	Demand Regulator Assembly
C-2	800956-01	Case Assembly, Includes C-6,7,8,9
C-3	26004-01	Diaphragm, Demand Regulator
C-4	801276-00	Cover, Demand Regulator
C-5	26010-01	Clamp, Regulator Cover
D-1	801274-00	Exhaust Regulator Assembly
D-2	801275-00	Case Assembly, Exhaust Regulator
D-3	801272-00	Diaphragm & Stem Guide Assembly
D-4	10003027	Cover, Exhaust Regulator
D-5	26010-01	Clamp, Regulator Cover
D-6	800963-00	Valve, Exhalation
D-7	13796-00	Spring, Exhalation Valve
E-1	803166-10	Dual Hose Assembly, w/F-1 & F-2
E-2	2827-49	Gasket, Demand Hose
E-3	26037-10	Demand Hose Assembly, W/ E-2, F-2
E-4	59719-10	Exhaust Hose Assembly w/ E-8, F-1
E-5	10002573	Hose Grommet (3)
E-6	18970-00	Hose Plug, Demand Hose
E-7	59852-00	Hose Plug, Exhaust Hose
F-1	59853-00	Quick Disconnect, Exhaust 3/8" Brass
F-2	18969-00	Quick Disconnect, Demand 1/8" Brass
F-3	B-6QDP	Plug for Exhaust Q.D. (optional)
H-1	801804-00	Pressure Reducing Regulator
H-2	8580-00	Coupling, Oxygen
H-3	58370-00	Reducing Regulator Only
H-4	6818-3	Plug, 1/8" Reducing Regulator, Brass
	802005-25	Head Cap/Harness Assembly
	803152-(xxM)	Face Seal Assembly w/150ohm Mic Assembly
	1408	Microphone Only
	RK-800954-01	Demand Regulator Repair Kit
	RK-801274-00	Exhaust Regulator Repair Kit
	RK-803139-xx	Inhaler Repair Kit
	803139-00-xx	Pressure Vak II w/ 1st Stage Pressure Reducing Regulator (801804-00)
B-4	N/A	**Illustration Only**

xx Size Key:

- 05-X-Small
- 01-Small
- 02-Medium
- 03-Large
- 04-X-Large

Pressur-Vak II extra small face seal	803139-01-05
Pressur-Vak II small face seal	803139-01-01
Pressur-Vak II medium face seal	803139-01-02
Pressur-Vak II large face seal	803139-01-03
Pressur-Vak II extra large face seal	803139-01-04



Class II Bells

OBB2

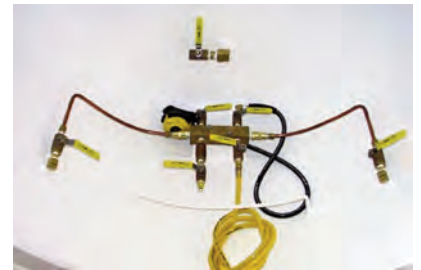
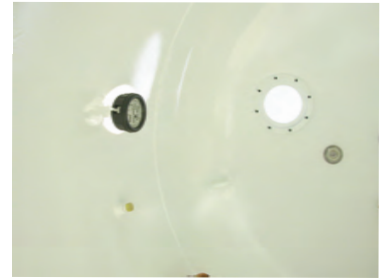
Class II bell,
42" diameter x 87" height,
fully plumbed with 4 cylinders
and regulators, LARS guides



Features Include:

2 or 4 cylinders
Fold down seats
Galvanized grating
Certified lift eyes
Plumbed or unplumbed
Negatively buoyant

**CUSTOM
BELLS
AVAILABLE**



Marker Light/Strobe



3C-7900-4

- Flash Rate - 120 per min
- Viewable from several miles
- High intensity LED bulb
- Clear lens
- Waterproof to 2,500 FSW
- Battery: 3 C-cell, alkaline
- 100 hour battery life
- 10,000+ hour bulb life
- Dimensions:
 - 9.25" long
 - 1.9" diameter

Also available in
500 FSW/150 MSW model.

Diver Recovery



Diver Recovery Block & Tackle
Three Part - **RK12-330**
Four Part - **RK12-435**

Volume Tank and Filtration

VOLUME TANK 30

30 gallon volume tank, painted, framed, plumbed, with filters

VOLUME TANK 30A

No filters



VOLUME TANK 60

60 gallon volume tank, painted, framed, plumbed, with filters

VOLUME TANK 60A

No filters

VOLUME TANK 30

- 30 gallon, 4 cu. ft.
- ASME compliant
- Seal welded tag & feet
- 1/2" check valve
- 1/4" relief valve
- Dement coated & painted
- Options
 - No filtration
 - Additional ball or check valves
- 200 psi working pressure
- 600 psi ball valves
- 400 psi pressure gauge
- Frame dimensions
 - Length - 56"
 - Width - 27"
 - Height - 31"
- Weight
 - 136 lb (with filters)
 - 116 lb (no filters)

VOLUME TANK 60

- 60 gallon, 8 cu. ft.
- ASME compliant
- Seal welded tag & feet
- 1/2" check valve
- 1/4" relief valve
- Dement coated & painted
- Options
 - No filtration
 - Additional ball or check valves
- 200 psi working pressure
- 600 psi ball valves
- 400 psi pressure gauge
- Frame dimensions
 - Length - 56"
 - Width - 27"
 - Height - 31"
- Weight
 - 210 lb (with filters)
 - 190 lb (no filters)

Filtration Systems



1000

- Stainless bowls with manual drains
- Filtration to 5 microns
- 250 psi maximum pressure
- 600 psi, 1/2" FPT outlet ball valves, #10 JIC male inlet
- Aluminum frame
- 300 psi pressure gauge
- Weight: 26 lbs
- Dimensions:

Length - 17 1/8"
Width - 12.25" max
Height - 19.25"

Replacement Filters:

1st Stage - RWS-5
2nd Stage - AP117DS



1250

- Aluminum bowls with manual drains
- Filtration to 5 microns
- 250 psi maximum pressure
- 600 psi, 3/4" FPT inlet and outlet ball valves
- Aluminum frame
- Two 300 psi pressure gauges
- Weight: 40 lbs
- Dimensions:

Length - 34"
Width - 10" max
Height - 18.5"

Replacement Filters

1st Stage - 5311-03
2nd Stage - 5311-01
3rd Stage - 5351-03

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Air Receivers

Horizontal

Style	Diameter (inches)	Tank Length (inches)	Height (inches)	Gallon Capacity	Pressure Rating (psi)	Shipping Weight (lbs)	Part Number
Horizontal	12	27 1/4"	13 1/2	12	200	36	72-12-12-200
Horizontal w/Platform	12	27 1/4"	14 3/8	12	200	41	73-12-12-200
Horizontal	14	33	16 1/8	20	175	52	72-14-20-175
Horizontal w/Platform	14	33	17 1/8	20	175	65	73-14-20-175
Horizontal	16	38	17 1/8	30	200	116	72-16-30-200
Horizontal w/Platform	16	38	20 1/2	30	200	147	73-16-30-200
Horizontal	20	47 5/8	23	60	200	188	72-20-60-200
Horizontal w/Platform	20	47 5/8	25 1/2	60	200	205	73-20-60-200
Horizontal	20	62 5/8	23	80	200	235	72-20-80-200
Horizontal w/Platform	20	62 5/8	25 1/2	80	200	258	73-20-80-200
Horizontal	24	65	27	120	200	345	72-24-120-200
Horizontal w/Platform	24	65	29 1/2	120	200	426	73-24-120-200
Horizontal	30	74	33	200	200	565	72-30-200-200
Horizontal w/Platform	30	74	36 1/2	200	200	646	73-30-200-200
Horizontal	30	83 3/4	33	240	200	638	72-30-240-200
Horizontal w/Platform	30	83 3/4	36 1/2	240	200	680	73-30-240-200



All ASME air receivers are built by an ISO 9001 fabricator.



Vertical

Style	Diameter (inches)	Tank Length (inches)	Height (inches)	Gallon Capacity	Pressure Rating (psi)	Shipping Weight (lbs)	Part Number
Vertical	12	27 1/4	29 1/8	12	200	35	82-12-12-200
Vertical	14	33	34 3/4	20	175	50	82-14-20-175
Vertical	16	38	39 5/8	30	165	118	82-16-30-165
Vertical	16	38	41 9/16	30	165	126	83-16-30-165
Vertical	20	47 5/8	49 7/8	60	200	188	82-20-60-200
Vertical	20	47 5/8	51 3/4	60	200	200	83-20-60-200
Vertical	24	47	50	80	200	254	82-24-80-200
Vertical	24	47	52 1/2	80	200	289	83-24-80-200
Vertical	30	46	49	120	200	380	82-30-120-200
Vertical	30	46	51 7/8	120	200	408	83-30-120-200
Vertical	30	74	77	200	200	548	82-30-200-200
Vertical	30	83 3/4	86 3/4	240	200	612	83-30-200-200

Gas Analyzers



EXP

OxyCheq Expedition O₂ Analyzer

The Expedition oxygen analyzer is a durable, compact oxygen analyzer with a user replaceable sensor, readily available batteries, a splashproof case and at an economical price.

OxyCheq designed an electronic circuit that is easy to calibrate and uses a long life sensor. It uses the newest and most reliable parts made and enclosed the electronics and sensor in a compact, sturdy, custom molded ABS case. The case, digital panel meter, potentiometer, on/off switch, and sensor, are sealed to protect the electronics inside the enclosure from harsh elements. It is splashproof. The EXP comes with a custom carrying case with room to carry spare sensors and other parts.

Replacement Parts Available

Flow restrictor
EXP-FLOW

Replacement Sensor:

EXP-SENSOR

OxyCheq PPO₂ Analyzer

The OxyCheq oxygen partial pressure analyzer is the latest in hyperbaric chamber gas monitoring. Although it is built like the EXP, this analyzer is made to be brought into the hyperbaric system with the diver where readings can be made. This analyzer can also be put into saturation and can be pressed to a depth of 1500 FSW (683 psia).

Replacement Parts Available

Flow restrictor
EXP FLOW

Replacement Sensor:

EXP-SENSOR



EXP-PP02

OxyCheq Helium (He) Analyzer

The Expedition helium analyzer is designed to measure the helium content of a mixed gas to an accuracy of +/- 1%.

The basis of operation is to measure the sample gas against a known mixture (reference gas) and calculate the difference in absorption. This is then calculated against a known change resulting in significant accuracy when measuring the unknown amount of gas (in this case helium).

The monitor is small, easy to use with a rechargeable battery system for long life and accurate performance. The monitor is temperature compensated to assure little to no drift in the measurement.

No helium sensor to replace!

Replacement Parts Available

Flow restrictor
EXP-FLOW

Sensor
flow-through cap
EXP-CAP



EXP-HE1A



Gas Analyzers



Part Number: **MINI-OX**

Mini-Ox Oxygen Analyzer

The Mini OX I oxygen analyzer is designed to provide continuous analyzing or spot checking of oxygen for ventilation, incubators, emergency transports, oxygen tents, concentrators and various other respiratory therapy uses.

The Mini OX I oxygen analyzer operates by a single push of a button, calibrates with the turn of a dial and features an easy-to-read digital display. For sensor connection a tree adapter is provided with each instrument.

The galvanic oxygen sensor measures oxygen concentrations from 0-100%. this sensor is maintenance free and will operate one year in normal medical use.

Replacement Sensor: **406931**

Breathing Air Test Kit

The 8014BAK is an on-line analysis kit for ensuring the quality of compressed breathing air. It quickly and easily measures the levels of carbon monoxide, carbon dioxide, oil mist, water vapor, and oxygen. Unlike other methods, there is no need to take a grab sample and analyze it offline; the 8014BAK is designed to connect directly to the compressed breathing air source.

The 8014BAK-02-C is fitted with a 1/4" NPT female connection, and is rated for inlet pressures of 0-400 psig. This model should be selected for analyzing compressed air from non-cylinder sources having pressures no greater than 400 psig. Other models are available.

The 8014BAK system is essentially comprised of a pressure regulator, flowmeter, and a variety of detector tubes. In operation, measurements are made by passing the breathing air through each detector tube at a specified flow rate, pressure, and time interval. Each detector tube is formulated with a high purity reagent which absorbs and reacts with the component being measured. This causes a colorimetric stain whose length is directly proportional to the amount of component in the breathing air. Its concentration can be read directly from the scale printed on each tube.



8014BAK-02-C



Replacement Detector Tubes:

- Carbon Monoxide (**600SP**)
(2.5-100 ppm)
- Carbon Dioxide (**601SP**)
(100-3000 ppm)
- Oil Mist (**602SP**)
(0.3-5 mg/m³)
- Water Vapor (**603SPA**)
(20-160 mg/m³)

Gas Analyzers

Oxygen Analyzer

The DPM72 O₂ oxygen analyzer is a self contained unit housed in a custom case that can also be panel mounted. It uses a high stability **electrochemical sensor** with built in temperature compensation. Day to day calibration is carried out from the front panel. All calibration and alarm parameters are retained in non-volatile memory.

Range - 0-100% oxygen

Resolution - 0.1% oxygen

Accuracy - 1% of full scale

Response Time - 90% in 10 s

Sample Flow - 10-300 mL/min

Expected Sensor Life - 1.5x10⁶% oxygen hours at 20 °C

Replacement Sensor - R22D



DPM72 O₂

Carbon Monoxide Analyzer

The DPM72 CO carbon monoxide analyzer is a self contained unit housed in a custom case that can also be panel mounted. It uses a high stability **electrochemical sensor** with built in temperature compensation. Day to day calibration is carried out from the front panel. All calibration and alarm parameters are retained in non-volatile memory.

Range - 0-100 ppm CO

Display Resolution - 0.1 ppm

Overall Resolution - 0.5 ppm CO

Temperature Effect - 0.5 ppm/°C

Response Time - 90% in 35 s

Sample Flow - 10-300 mL/min

Expected Sensor Life - 2 yr



DPM72 CO

Carbon Dioxide Analyzer

The DPM72 CO₂ carbon dioxide analyzer is a self contained unit housed in a custom case that can also be panel mounted. It uses a high stability dual wavelength **infrared sensor**. Day to day calibration is carried out from the front panel. All calibration and alarm parameters are retained in non-volatile memory.

Range - 0-0.5% CO₂ (0-5000 ppm)

Accuracy - 2% of full scale

Temperature Effect - <0.4% FSD/°C

Response Time - 90% in 10 s

Sample Flow - 10-300 mL/min



DPM72 CO₂

Features on Analyzers:

- Packaged analyzers that only require power and gas connections.
- Adjustable high and low audio/visual alarms with mute circuit.
- Relay output on alarm with 8 amp changeover contacts.
- Optional analogue output to feed chart recorder.
- Optional RS485 data output for connection to data logging system.

Divers Supply, Inc.

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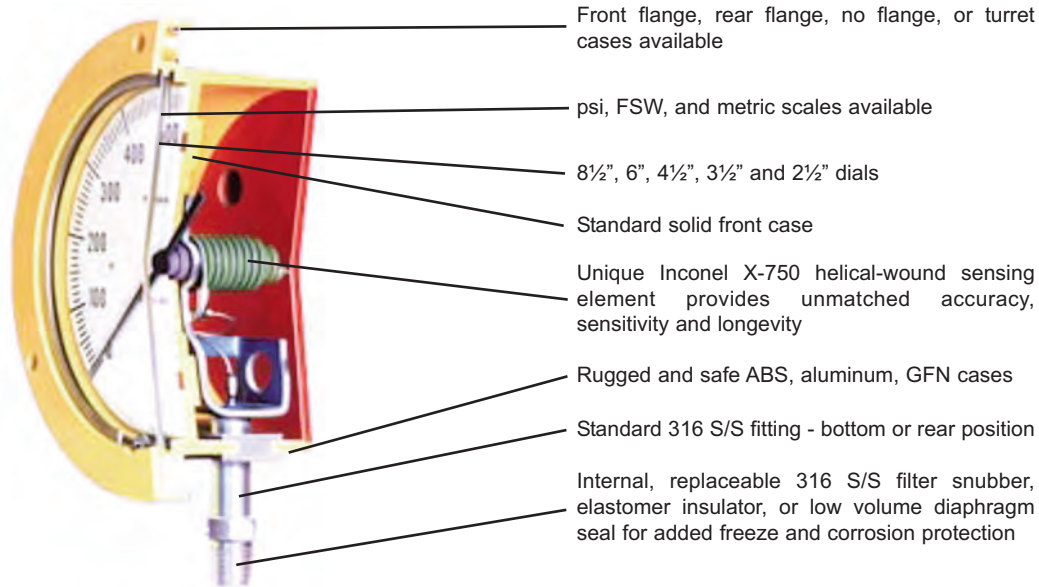


Perma-Cal Gauges

Certified Accuracy



All Perma-Cal gauges have a high repeatable accuracy, instantaneous action and are available as Grade 3A ($\pm 0.25\%$ full scale), Grade 2A ($\pm 0.5\%$ full scale), or 0.5% mid-scale, 1% full scale. The full scale accuracy rating is applicable in both ascending and descending modes on all gauges, except for gauges rated 8,000 psi and above, where the descending mode is 1% full scale. Test gauges (Grade 3A) come with a calibration certificate traceable to the National Institute of Standards and Technology included in the price. Perma-Cal provides the best in durability, reliability and accuracy.



P/N: 200FTM88A21



P/N: 200FTM76A21



P/N: 208FTM94A01

Please call for more information on Perma-Cal gauges.

Five Year Limited Warranty

Perma-Cal warrants to the original retail purchaser of any product manufactured by Perma-Cal and bearing Perma-Cal's nameplate that such product will be free of defects in materials and workmanship for a period of one year after delivery of such product to purchaser (or 18 months from the date of manufacture whichever comes first) and in the case of gauges containing the multiple helix Bourdon tube (excluding those with the part number prefix of '9'), the Bourdon tube, pointer shaft and pointer shaft bearing will not malfunction due to wear for a period of five years after deliver to such purchaser.

Perma-Cal Gauges

How to order a Perma-Cal gauge with the exact specifications you require.
Select appropriate symbols and build a model code number, as in the example shown below.

1 0 1 F T M XX Y 0 1 - V																
PRODUCT TYPE Pressure Gauges 1 Seawater Depth Gauges 2	MISC. OPTIONS C Calibration certificate (not apropos on 1/4%) O Cleaned for oxygen service E EPDM Isolator installed T Stainless steel tag L Tempered glass V Viton Isolator installed N Microbrazed Z Aluminum case															
ACCURACY ^{4,5} 1/4% Full scale (8 1/2", 6", 4 1/2" and 2 1/2"; calibration certification included) 0 1/2% Full scale (6", 4 1/2", 3 1/2" and 2 1/2" dials) 1 1% Full scale, 1/2% Mid scale (6", 4 1/2", 3 1/2" and 2 1/2" dials) 2	FITTING TYPE 1 1/4" NPT 6 MS 33649E4 2 1/8" NPT 7 1/4" Aminco 3 1/2" NPT 8 MIL-G 18997 4 MS 33514E4 9 1/4" BSP 5 SAE AS4395EO4															
DIAL SIZE 8 1/2" (zero adjust dial included) 8 6" (zero adjust dial included) 0 4 1/2" (zero adjust dial included on test gauges; opt'l. on process gauges) 1 3 1/2" (zero adjust dial not available; zero adjust pointer included) 2 2 1/2" (zero adj. dial incl. on test gauges; optional on process gauges) 3	FITTING POSITION ⁸ 0 Rear 4 Top (12 o'clock) 2 Bottom (6 o'clock)															
CASE TYPE (Solid front case standard on all models.) Front flange (8 1/2", 6", 4 1/2" and 2 1/2", ABS) F Rear flange (6" and 4 1/2", ABS) R No flange (4 1/2" metal) M No flange (6", 4 1/2" and 2 1/2", ABS) N No flange (4 1/2" SS) S Turret (4 1/2", ABS, GFN and 3 1/2", ABS) T	COLOR A Black B Blue G Green R Red W White Y Yellow U Unpainted, (SS or Al cases) H High temp (GFN, 4 1/2" yellow turret)															
POINTER TYPE Process (bold, easy reading) 1 Test (knife-edged, precision reading) T	PRESSURE RANGE ⁷ XX Specify pressure range and units of measurement, i.e., PSI, Pascals, Bar, etc. or see Bulletin T-103 for pressure codes.															
DIAL TRIM <table border="1"> <thead> <tr> <th>Dial Size</th> <th>Mirror Band</th> <th>Zero Adj. Dial</th> </tr> </thead> <tbody> <tr> <td>M 2 1/2", 4 1/2", 6", 8 1/2"</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>D 2 1/2", 3 1/2", 4 1/2"</td> <td>No</td> <td>No</td> </tr> <tr> <td>B 2 1/2", 4 1/2", 6"</td> <td>No</td> <td>Yes</td> </tr> <tr> <td>R Metal cases</td> <td>No</td> <td>No</td> </tr> </tbody> </table>		Dial Size	Mirror Band	Zero Adj. Dial	M 2 1/2", 4 1/2", 6", 8 1/2"	Yes	Yes	D 2 1/2", 3 1/2", 4 1/2"	No	No	B 2 1/2", 4 1/2", 6"	No	Yes	R Metal cases	No	No
Dial Size	Mirror Band	Zero Adj. Dial														
M 2 1/2", 4 1/2", 6", 8 1/2"	Yes	Yes														
D 2 1/2", 3 1/2", 4 1/2"	No	No														
B 2 1/2", 4 1/2", 6"	No	Yes														
R Metal cases	No	No														

SPECIFICATIONS

Proof Pressure
without calibration shift:
150% of F.S. pressure¹

Response Time:
Approx. 100 msec to F.S.³

Life:
250,000 cycles min., 20% to 80%
F.S. on ranges below 3,000 psi.

Burst Pressure:
500% of F.S. pressure²

Accuracy:
Grade 3A $\pm 0.25\%$ full scale⁵
Grade 2A $\pm 0.5\%$ full scale⁵
.5% M.S. $\pm 1\%$ full scale,
 $\pm 0.5\%$ midscale

Wetted Parts:
Inconel X-750, 316SS, 304SS and
silver solder. Other options
available.

Repeatability & Sensitivity:
 $\pm 0.01\%$ full scale

Calibration:
Vertical position standard⁶

Media Temperature:
-65° to +250°F w/ ABS case
-65° to +600°F w/ GFN, SS or Al case
Ambient Temperature:
-65° to +190°F w/ ABS case
-65° to +400°F w/ GFN, SS or Al case

NOTES:

1. 125% of F.S. pressure, 8,000 psi and above. 2. Or 25,000 psi, whichever is less. 3. Gas operation, no dampening. 4. Specified accuracy includes all friction error, hysteresis, and linearity variations. 5. On 8,000 psi and above, accuracy is 1% descending. 6. Calibration in other mounting positions available. 7. Custom dials available. 8. Fittings for case types M and S are field adjustable bottom/back.



PERMA-CAL DIAL AVAILABILITY CHART

PRESSURE RANGES

UNITS OF MEASUREMENT	PSI	BAR	Kg/CM ² PSI	PSI / kPa	MPa	kPa	PSI / BAR	FSW	MSW/FSW
PROCESS GAUGE DIAL SIZES	2½", 3½", 4½", 6"	2½", 3½", 4½", 6"	4½", 6"	3½", 4½", 6"	4½", 6"	2½", 3½", 4½", 6"	4½", 6"	N.A.	N.A.
TEST GAUGE DIAL SIZES	2½", 4½", 6", 8½"	4½", 6"	4½", 6"	4½", 6"	4½", 6"	4½", 6"	N.A.	4½", 6", 8½"	4½", 6"
DIAL CODES AND PRESSURE RANGES	CODE RANGE	CODE RANGE	CODE RANGE	CODE RANGE	CODE RANGE	CODE RANGE	CODE RANGE	CODE RANGE	CODE RANGE
	01 30	40 2	AA 2 30	BA 30 200		CA 200			
	02 (135°) 30	41 (135°) 2				CB 250			
	03 60	42 4	AC 4 60	BC 60 400		CC 400	DC 60 4	70 (135°) 70	
	04 100	43 7	AD 7 100	BD 100 700		CD 700		71 (200°) 100	
	05 150	44 10	AE 10.5 150	BE 150 1000		CE 1000	DE 150 10	72 150	
	23 160		AL 11 160		EE 1	CF 1400		73 250	88 250
	06 200	45 14	AF 14 200	BF 200 1400		CL 1600		74 300	89 300
	07 300	46 20	AG 21 300	BG 300 2000	EG 2	CG 2000		75 350	
	08 400	56 28	AH 28 400			CI 2800		76 450	91 450
	20 500	47 35	AI 35 500	BI 500 3500				77 600	
	09 600	48 40	AJ 42 600	BQ 600 4000	EJ 4	CJ 4000	DJ 600 40	78 700	93 225 750
	10 800		AY 56 800					79 1000	94 300 1000
	11 1000	49 70	AK 70 1000	BK 1000 7000		CK 7000		80 1500	95 450 1500
	12 1500	50 100	AM 105 1500	BM 1500 10,000	EM 10	CM 10,000	DM 1500 100	81 2000	
	13 2000	51 140	AN 140 2000	BN 2000 14,000		CN 14,000	DN 2000 140	82 3500	
	14 3000	52 200	AP 210 3000	BP 3000 20,000	EP 20	CP 20,000			
	22 4000	55 280	AQ 280 4000			CQ 25,000	DQ 4000 280		
	15 5000	53 350	AR 350 5000	BR 5000 35,000	ER 35	CR 35,000			
	16 6000	57 400	AS 420 6000				DS 6000 400		
	21 8000					CS 60,000			
	17 10,000	54 700	AT 700 10,000	BT 10,000 70,000	ET 70	CT 70,000			
	18 ¹ 15,000		AU 1000 15,000						

VACUUM & COMPOUND RANGES

UNITS OF MEASUREMENT	PSI	BAR	kPa
PROCESS GAUGE DIAL SIZES	2½", 3½", 4½", 6"	3½", 4½", 6"	2½", 3½", 4½", 6"
TEST GAUGE DIAL SIZES	4½", 6", 8½"	4½", 6"	4½", 6"
DIAL CODES AND VACUUM/PRESSURE RANGES	CODE RANGE	CODE RANGE	CODE RANGE
	25 ¹ 30"Hg-0	60 -1/0	C0 -100/0
	27 30"Hg-0-30	61 -1/0/+2	
	24 30"Hg-0-60	62 -1/0/+3	C2 -100/0/+300
	29 30"Hg-0-100		
	28 30"Hg-0-150	64 -1/0/+10	C4 -100/0/+900
	30 30"Hg-0-200	65 -1/0/+14	
	31 30"Hg-0-300		
	32 30"Hg-0-400	67 -1/0/+28	
	33 30"Hg-0-500		
	34 30"Hg-0-600		

All gauges 8000 psi and above are ±1% descending accuracy.

* Exceptions for 8½" dials only.

1.) PSI codes 01, 02, 18, 32, 33, and 34 not available

2.) PSI codes 16, 17, and 21 available as ±½% ascending, 1% descending only

3.) FSW ranges available for codes 73, 76, and 79 only.

¹ This range test gauge is ±½% (±½% N.A.)

RECEIVER RANGES

(±1% F.S. Accuracy only)

DIAL SIZES	2½", 3½", 4½", 6"	2½", 3½", 4½", 6"
DIAL CODES AND RANGES	CODE RANGE (WITH NUMERALS)	CODE RANGE (LESS NUMERALS)
	35 0-100%	37 0-100 Linear
	36 0-10 sq. ft.	38 0-10 sq ft.
	39 3-15 psi	N.A. N.A.

REFRIGERANT RANGES

(±1% F.S. Accuracy only)

DIAL SIZES	3½", 4½"
DIAL CODES AND RANGES	CODE RANGE
	RG [‡] 30"Hg-0-150 Ammonia
	RH 30"Hg-0-150 R12
	RI 30"Hg-0-150 R22
	RQ [‡] 30"Hg-0-300 Ammonia
	RR 30"Hg-0-300 R12
	RS 30"Hg-0-300 R22

[‡] Specify microbrazed welds

Pneumo & Caisson Gauges

The Divers Supply lines of pneumo gauges and caisson gauges are an economic alternative to other brands. All gauges are 0.50% accurate over the full range, use brass internals for long life, knife edge pointers and can be purchased with a flange for panel mounting.

Pneumo Gauges

Part Number	Size	Range	Accuracy	Flange	Connection
PG-S	6"	0-225 FSW	0.50%	no	1/4" MPT bottom
PG-SDS	6"	0-225 FSW/70 MSW	0.50%	no	1/4" MPT bottom
PG-SF	6"	0-225 FSW	0.50%	yes	1/4" MPT bottom
PG-SFDS	6"	0-225 FSW/70 MSW	0.50%	yes	1/4" MPT bottom
PG-S3	6"	0-300 FSW	0.50%	no	1/4" MPT bottom
PG-SF3	6"	0-300 FSW	0.50%	yes	1/4" MPT bottom



PG-S3



PG-SF

Caisson Gauges

Part Number	Size	Range	Accuracy	Flange
CG-S3	6"	0-300 FSW	0.50%	no
CG-SF3	6"	0-300 FSW	0.50%	yes
CG-SF3DS	6"	0-300 FSW/90 MSW	0.50%	yes



CG-SF3

Gauge Calibration Service

Divers Supply, Inc. wants to calibrate your gauges. We possess a NIST traceable dead weight tester with an operating range of 0-6,000 PSI and an accuracy of $\pm 0.015\%$ of reading.

**Call for more information on our
gauge calibration services.**



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Pressure Gauges



Pressure Gauges

Part Number	Size	Range	Connection	Fill	Options
UD	2.5"	0-100 psi	1/4" MPT, bottom	no	N/A
JDP	2.5"	0-100 psi	1/4" MPT, lower back	no	front flange
J7D	2.5"	0-100 psi	1/4" MPT, bottom	no	N/A
J7F	2.5"	0-200 psi	1/4" MPT, bottom	no	N/A
J7G	2.5"	0-300 psi	1/4" MPT, bottom	no	N/A
J6GL	2.5"	0-300 psi	1/4" MPT, center back	yes	N/A
J7GL	2.5"	0-300 psi	1/4" MPT, center back	no	N/A
J7H	2.5"	0-400 psi	1/4" MPT, bottom	no	N/A

Part Number	Size	Range	Connection	Fill	Options
J7HL	2.5"	0-400 psi	1/4" MPT, center back	no	N/A
J7I	2.5"	0-600 psi	1/4" MPT, bottom	no	N/A
J7K	2.5"	0-1000 psi	1/4" MPT, bottom	no	N/A
J7N	2.5"	0-3000 psi	1/4" MPT, bottom	no	N/A
J74K	2.5"	0-4000 psi	1/4" MPT, bottom	no	N/A
J7O	2.5"	0-5000 psi	1/4" MPT, bottom	no	N/A
JOP	2.5"	0-5000 psi	1/4" MPT, lower back	no	front flange
J6O	2.5"	0-5000 psi	1/4" MPT, bottom	yes	N/A

The gauges listed above are "stock" items. If you require a custom gauge, please call us!

Digital Pressure Gauge



Compared to Mechanical Test Gauges:

- Accuracy is not affected by overpressure, temperature, shock (by being dropped) or rapid increases or decreases of pressure (e.g.: relief valve testing)
- Faster, accurate readings - no parallax errors
- Vibration does not affect the life of the gauge
- **Measurement units can be converted to FSW or MSW!**

Ordering Information

P/N Prefix (psi)	P/N Prefix (bar)	P/N Prefix (kPa)	Overpressure
15PSI	1BAR	100KPA	6.5 x
30PSI	2BAR	200KPA	3.0 x
100PSI	7BAR	700KPA	2.0 x
300PSI	20BAR	2KKPA	2.0 x
500PSI	30BAR	3KKPA	2.0 x
1KPSI	70BAR	7KKPA	2.0 x
2KPSI	140BAR	14KKPA	2.0 x
3KPSI	200BAR	20KKPA	1.5 x
5KPSI	300BAR	30KKPA	1.5 x
10KPSI	700BAR	70KKPA	1.5 x

Specifications

Accuracy	±0.1% of reading (20-100% of full scale) ±0.02% of reading (0-20% of full scale)
Display Rate	3 readings per second
Temperature	14-122°F (operating & compensated)
Battery	Three AA (1500 hours typical)
Weight	17.6 oz

Part Number Prefix: Every part number includes a part number prefix. The prefix identifies the pressure range and units of the gauge. For example, a 2KPSI prefix identifies a gauge as a psi model with a pressure range of 2000 psi.

Gauge Type Indicator: All gauges offered from 2000 psi/140 bar and up, in an absolute (barometric) version, indicated by a B following the part number prefix. For example, the part number for a 2000 psi, absolute gauge would be 2KPSIBXP2I.

Options Suffix: Many part numbers include a suffix to identify the special options available on a particular gauge. For example, a -DD suffix indicates that a gauge is equipped with a dual line display, while an -O suffix indicates that a gauge has been cleaned for oxygen service. The dual line display option (-DD) may be combined with the rear port (-RP) or the 4 1/2" panel mount flange (-F4) options. The cleaned for oxygen service option (-O) may be combined with any and all options.

Sample part numbers:

300PSIXP2I
10KPSIBXP2I-F4

300 psi standard gauge
10,000 psi absolute gauge with the 4 1/2" panel mount flange option

Ball & Check Valves

Ball Valves



Apollo and Parker ball valves are both cast bronze with a stainless steel nut and handle, a bronze stem and teflon seats for maximum durability in offshore environments.

Size	Apollo Part Number	Parker Part Number	Pressure Rating	Connection
1/4"	70-101-10	V500P-4-02	600 psi	1/4" FPT
3/8"	70-102-10	V500P-6-02	600 psi	3/8" FPT
1/2"	70-103-10	V500P-8-02	600 psi	1/2" FPT
3/4"	70-104-10	V500P-12-02	600 psi	3/4" FPT
1"	70-105-10	V500P-16-02	600 psi	1" FPT

Sizes larger than 1" available.

Check Valves

Low Pressure



Inlet	Outlet	Style	Pressure Rating	Part Number
1/4" FPT	1/4" FPT	Ball / Cone	400 psi	61-101-01
1/2" FPT	1/2" FPT	Ball / Cone	400 psi	61-103-01
3/4" FPT	3/4" FPT	Ball / Cone	400 psi	61-104-01
1" FPT	1" FPT	Ball / Cone	400 psi	61-105-01

Sizes larger than 1" in stock.

High Pressure



Inlet	Outlet	Pressure Rating	Part Number
1/4" MPT	1/4" FPT	3000 psi	CVM-4F
1/4" FPT	1/4" MPT	3000 psi	CVF-4M
1/4" MPT	1/4" MPT	3000 psi	CV-4M

Other high pressure check valves available.

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Relief Valves

Relief Valves

Kingston ASME Code, National Board Certified safety valves are designed to protect un-fired pressure vessels from over pressure. Series 112 Kingston valves are all brass construction with a stainless seat. 114 Series are all brass construction with a Viton seat.



112 Series



114 Series



Connection Size	Relief Pressure	Kingston Part Number	Conrader Part Number
1/4" MPT	100	112CSS-2-100	SRV250-V-100
1/4" MPT	125	112CSS-2-125	SRV250-V-125
1/4" MPT	150	112CSS-2-150	SRV250-V-150
1/4" MPT	175	112CSS-2-175	SRV250-V-175
1/4" MPT	195	112CSS-2-195	SRV250-V-195
1/4" MPT	200	112CSS-2-200	SRV250-V-200
1/4" MPT	225	112CSS-2-225	SRV250-V-225
1/4" MPT	250	112CSS-2-250	SRV250-V-250
1/4" MPT	300	112CSS-2-300	SRV250-V-300
3/4" MPT	110	114-5-110	SRV530-V-110
3/4" MPT	130	114-5-130	SRV530-V-130
3/4" MPT	135	114-5-135	SRV530-V-135
3/4" MPT	250	114-5-250	SRV530-V-250
1" MPT	75	114-6-75	SRV765-V-75
1" MPT	95	114-6-95	SRV765-V-95
1" MPT	200	114-6-200	SRV765-V-200

Conrader currently offers a soft seat line of ASME-coded valves that are also CRN approved. Sizes range from 1/8" to 1" and pressure tolerances range from 25 to 250 psi for soft seat and 50 to 350 psi for hard seat.



Gas Fittings

CGA Nut and Nipples



CGA Number	Gas Application	Nipple Part Number	Nut Part Number
296	Nitrox (3000 psi)	29-3	29-2
346	Air (3000 psi)	14-3	14-2
347	Air (5500 psi)	347-3	347-2
540	Oxygen (3000 psi)	69	62
580	Helium, Nitrogen, Argon (3000 psi)	15-3	92



More CGA fittings are available. Please call.

Oxygen Adapters



30
O₂ male x O₂ male



32
O₂ male x 1/4" MPT



5AD
O₂ male x 3/8" MPT



7AD
O₂ male x 1/2" MPT



230-M
O₂ male x 3/8" boss
(1st stage)



244
O₂ male x 1/4" FPT



234
O₂ female swivel
x 1/4" FPT



123B
O₂ female swivel
x 1/4" MPT



101Y
O₂ female swivel
x (2) O₂ male out



40-B
O₂ male x 1/4" barb



17
O₂ female x 1/4" barb



ADAPTER-BRASS
O₂ female x 3/8" hose
barb - brass



7N
Oxygen nut, for use
with barbs - brass



375B
O₂ female x 3/4" OD hose
end fitting, reusable,
for use on 3/8" ID hose



99R
O₂ female x 1/2" OD
hose end fitting, reusable,
for use on 1/4" ID hose

SS-7
Oxygen nut, for use
with barbs - stainless
steel

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Gas and Hydraulic Fittings

JIC Connectors



JIC Size	1/4" MPT	3/8" MPT	1/2" MPT	3/4" MPT	JIC
4	4-4FTX-B	4-6FTX-B	4-8FTX-B	N/A	4HTX-B
6	6-4FTX-B	6-6FTX-B	6-8FTX-B	N/A	6HTX-B
8	8-4FTX-B	8-6FTX-B	8-8FTX-B	8-12FTX-B	8HTX-B
10	N/A	10-6FTX-B	10-8FTX-B	10-12FTX-B	10HTX-B



99J-4
#4 JIC female x 1/2" OD
hose end fitting, reusable,
for use on 1/4" ID hose



375B-6
#6 JIC female x 3/4" OD hose
end fitting, reusable,
for use on 3/8" ID rubber hose



500B-10
#10 JIC X 15/16" OD
hose end fitting,
reusable,
for use on 1/2" ID
rubber hose



ADAPTER-BRASS-6
#6 JIC x 3/8" ID hose
barb



10008B-6-10
#10 JIC x 1/2" ID hose
barb



6BTX-B
#6 Nut, for use with
barbs

Hydraulic Fittings



VHC-12-12F 3/4" Cad plated steel quick coupler
VHN-12-12F 3/4" Cad plated steel nipple
VHC-16-16F 1" Cad plated steel quick coupler
VHN-16-16F 1" Cad plated steel nipple



5101-8B
5101-12B
5101-16B

" Wingnut coupler, set
3/4" Wingnut coupler, set
1" Wingnut coupler, set



Pipe Fittings

Female Tee



Pressure Rating (psi)

	250	1000	3000
1/4"	**	3700X4	1/4MMO-B
3/8"	3/8 TEE	3700X6	3/8MMO-B
1/2"	**	3700X8	1/2MMO-B
3/4"	3/4 TEE	3700X12	3/4MMO-B
1"	1 TEE	**	1MMO-B

Size (Inches)

Branch Tee



Pressure Rating (psi)

	250	1000	3000
1/4"	**	3600x4	1/4MMS-B
3/8"	**	3600X6	3/8MMS-B
1/2"	**	3600X8	1/2MMS-B
3/4"	**	3600X12	3/4MMS-B
1"	**	**	**

Size (Inches)

Run Tee



Pressure Rating (psi)

	250	1000	3000
1/4"	**	3750X4	1/4MRO-B
3/8"	**	3750X6	3/8MRO-B
1/2"	**	3750X8	1/2MRO-B
3/4"	**	3750X12	3/4MRO-B
1"	**	**	**

Size (Inches)

Female Elbow 90°



Pressure Rating (psi)

	250	1000	3000
1/4"	**	3500X4	1/4DD-B
3/8"	3/8ELBOW	3500X6	3/8DD-B
1/2"	1/2ELBOW	3500X8	1/2DD-B
3/4"	**	3500X12	3/4DD-B
1"	1ELBOW	**	**

Size (Inches)

Street Elbow 90°



Pressure Rating (psi)

	250	1000	3000
1/4"	**	3400X4	1/4CD-B
3/8"	**	3400X6	3/8CD-B
1/2"	**	3400X8	1/2CD-B
3/4"	3/4 ELBOW	3400X12	3/4CD-B
1"	1 ELBOW	**	**

Size (Inches)

Street Elbow 45°



Pressure Rating (psi)

	250	1000	3000
1/4"	**	3350X4	1/4CD45-B
3/8"	**	3350X6	3/8CD45-B
1/2"	**	3350X8	1/2CD45-B
3/4"	**	3350X12	3/4CD45-B
1"	**	**	**

Size (Inches)

How to use these charts:

3/8" female tee with a 1000 psi rating.

	250	1000	3000
1/4"	**	3700X4	1/4MMO-B
3/8"	TEE 3/8"	3700x6	3/8MMO-B
1/2"	**	3700x8	1/2MMO-B

Need help plumbing your chamber or compressor? Divers Supply, Inc. carries a full line of 250 psi rated 1" and larger extra-heavy brass fittings.



Pipe Fittings

Hex Nipples



Pressure Rating (psi)

Size (Inches)	Pressure Rating (psi)		
	250	1000	3000
	1/4"	**	3325X4
	3/8"	**	3325X6
	1/2"	**	3325X8
	3/4"	**	3325X12
	1"	**	1FF-B

Crosses



Pressure Rating (psi)

Size (Inches)	Pressure Rating (psi)		
	250	1000	3000
	1/4"	**	3950X4
	3/8"	**	3950X6
	1/2"	**	3950X8
	3/4"	3/4 CROSS	3950X12
	1"	1 CROSS	**

Plugs



Pressure Rating (psi)

Size (Inches)	Pressure Rating (psi)		
	250	1000	3000
	1/4"	1/4PLUG	**
	3/8"	3/8PLUG	**
	1/2"	1/2PLUG	**
	3/4"	3/4PLUG	**
	1"	1PLUG	**

Bushings



Pressure Rating (psi)

Size (Inches)	Pressure Rating (psi)		
	Male x Female	250	1000
	1/4"MPT x 1/8"FPT	**	3220X4X2
	3/8"MPT x 1/8"FPT	**	3220X6X2
	3/8"MPT x 1/4"FPT	**	3220X6X4
	1/2"MPT x 1/8"FPT	**	3220X8X2
	1/2"MPT x 1/4"FPT	**	3220X8X4
	1/2"MPT x 3/8"FPT	**	3220X8X6
	3/4"MPT x 1/4"FPT	3/4x1/4 BUSHING	3220X12X4
	3/4"MPT x 3/8"FPT	**	3220X12X6
	3/4"MPT x 1/2"FPT	**	3220X12X8
	1"MPT x 1/4" FPT	1x1/4 BUSHING	3220X16X4
	1"MPT x 3/8"FPT	**	3220X16X6
	1"MPT x 1/2"FPT	1x1/2 BUSHING	3220X16X8
	1"MPT x 3/4"FPT	1x3/4 BUSHING	3220X16X12

Collars



Pressure Rating (psi)

Size (Inches)	Pressure Rating (psi)		
	250	1000	3000
	1/4"	**	**
	3/8"	**	**
	1/2"	**	**
	3/4"	**	**
	1"	1COLLARXHBRASS	**

** Non-stock item, call for availability.

Hose

Gates 33HB Diver's Air Hose



3/8" Part Number: **33HB.375** (1-699 ft)
 3/8" Part Number: **33HB.375-700+** (700 ft & up)

1/2" Part Number: **33HB.500-0-299** (1-299 ft)
 1/2" Part Number: **33HB.500-300+** (300-399 ft)

Gates Reusable Fittings

375B O₂ female swivel for 3/8" ID hose
375B-6 #6 JIC female swivel for 3/8" ID hose
500B-10 #10 JIC female swivel for 1/2" ID hose



Recommended for diver's air supply hose, or deck whip. Gates hose is made of black synthetic rubber, reinforced with two fiber braids and has an abrasion and oil resistant outer jacket. Hose works well in temperatures ranging from -40 °F to +200 °F.

Hose ID	Nominal Hose OD	Working Pressure	Minimum Bend Radius	Weight Per 100'
3/8"	0.75"	1125 psi	4.0"	19 lb
1/2"	0.94"	1000 psi	5.0"	29 lb

Positive Buoyancy Hose



Sheathed, positive buoyancy, lower pressure hose designed for use in surface dive and bell excursion applications where kink and abrasion resistance are high priorities.

Barbed Fittings

ADAPTER-BRASS O₂ barb
7N O₂ nut, swivel
ADAPTER-BRASS-6 #6 JIC barb
6BTX-B #6 JIC nut, swivel

Hose ID	Nominal Hose OD	Working Pressure	Minimum Bend Radius	Weight Per 100' (in Air)	Weight Per 100' (in Sea Water)
3/8"	0.66"	500 psi	2"	12.8 lb	-2.4lb

Divers Supply, Inc. offers a variety of high pressure hoses to accomodate specialized high pressure gas delivery systems. Hoses are available in thermoplastic, neoprene and stainless braid in a variety of end fittings. Please call to inquire!



5000 psi stainless braided hose on a 6-pack of breathing air.



3000 psi stainless braided hose on a custom air control box.



3000 psi stainless braided hose on an open bottom bell bailout system.

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Divers Supply, Inc.
 Phone: 888-221-8120 • Fax: 504-392-3920
www.diverssupplyinc.com



Hose

Deck Whips

- 3/8" or 1/2" Gates 33HB hose
- Gates recommended fittings (O₂ for 3/8" and #10 JIC for 1/2" are standard but other options are available upon request)
- Ends capped to prevent contamination
- Serialized
- Pressure tested and certified
- Custom lengths and fittings available



Part Number: **PNEUMO HOSE**

Pneumo Hose

Divers Supply, Inc. offers Gates pneumo hose for use with umbilicals. This hose is rated to 300 psi working pressure and has a nominal internal diameter of 1/4".

- Bright, safety yellow in color
- Lightweight
- Non-contaminating thermoplastic core
- Available in lengths up to 2,500'

Reusable Fittings

- | | |
|--------------|---|
| 99R | O ₂ female swivel for 1/4" ID hose |
| 99J-4 | #4 JIC female swivel for 1/4" ID hose |

We also offer a choice of colors in Synflex. Please call!

General Purpose Hose

Also known as "CP" hose, this hose is ideal for air tools and hot water delivery. Rated to 300 psi with a rubber core and rubber coating with an inner fiber braid for strength.

1/2" RED HOSE
5/8" RED HOSE
3/4" RED HOSE
1" RED HOSE



Divers Umbilicals

Divers Supply, Inc. has long been the umbilical headquarters for the offshore industry. We carry thousands of feet of umbilicals "Ready to Dive", fabricated here in our warehouse with all proper testing certifications.

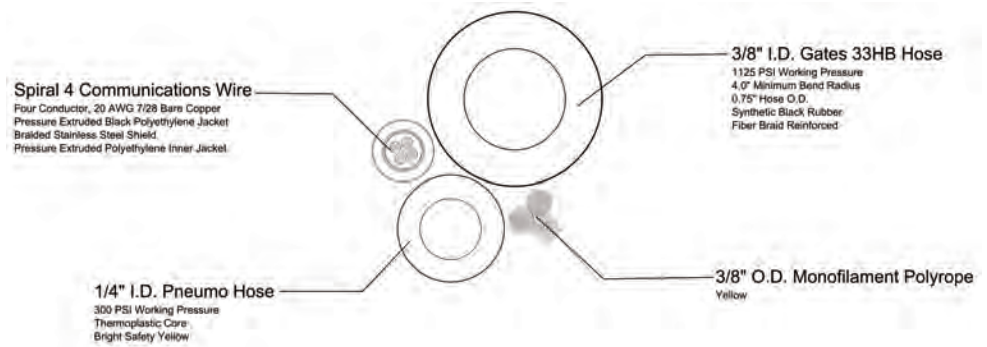
Our "Standard" umbilical is a 4 member unit and complies with USCG standards.

Stock Umbilicals Include:

- 3/8" divers air hose (Gates 33HB)
- 1/4" Gates pneumo hose
- Armored/reinforced 20/4 communications wire
- 3/8" poly-pro strength member
- 2" stainless steel D-ring
- Heavy duty black tape wrapped 6 times every 8-10"
- Gates reusable brass fittings
- Pressure tested
- ADC color coding

Options:

- Load testing



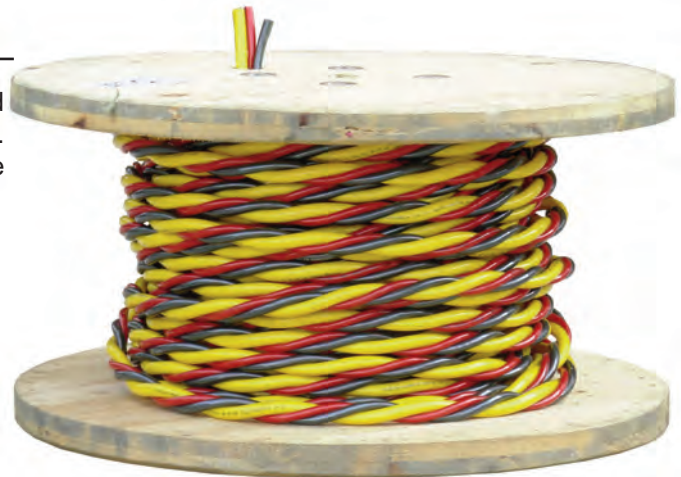
We can custom design your umbilical! Please call us to discuss your requirements.

Twisted Umbilicals

Twisted umbilicals allow the commercial diver to be safer and more productive by making life easier, underwater and on deck. The materials and "rope-like" construction combine to produce the most flexible, controlled buoyancy umbilicals today.

Properties:

- Lightweight
- Flexible
- Kink resistant
- Easy clean
- Super durable
- Low odor



UDA0103

- 3/8" gas hose
- 1/4" pneumo hose
- Comms/lifeline cable

UDA0104

- 3/8" gas hose
- 1/4" pneumo hose
- Comms/lifeline cable
- 1/2" hot water hose

UDA0204

- 3/8" gas hose
- 1/4" pneumo hose
- Comms/lifeline cable
- Mini video cable



Umbilicals

Umbilical Termination Form

Type of Umbilical

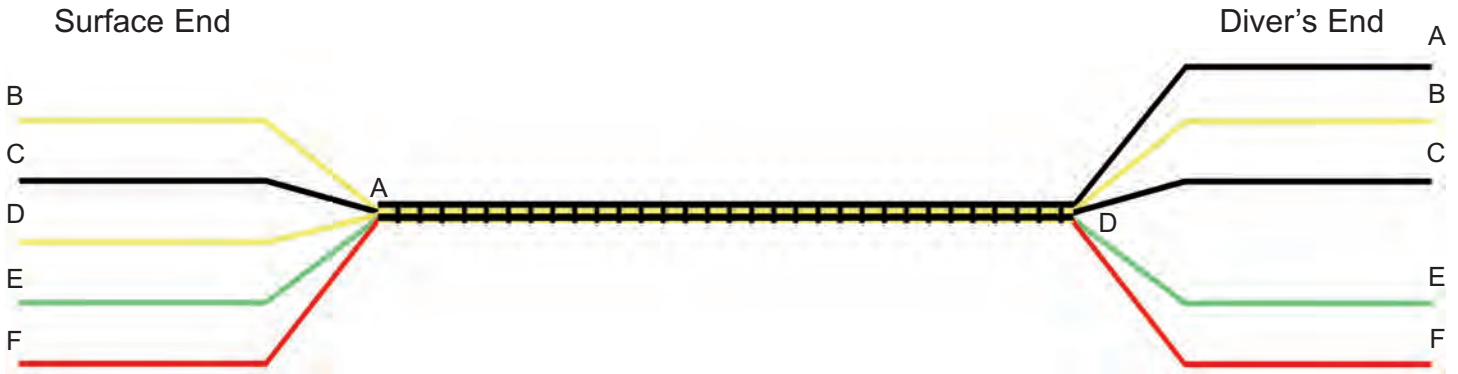
Taped (33HB diver's breathing gas member)

Taped (FLT06 diver's breathing gas member)

Twisted

(circle one)

Total Length of Diver's Gas Hose _____



<u>Surface End</u>	<u>Tail Length</u>	<u>Termination</u>
A. Divers Gas Hose	_____	_____
B. Pneumo Hose	_____	_____
C. Comm Wire	_____	_____
D. Poly Rope	_____	_____
E. Video Cable	_____	_____
F. Hot Water Hose	_____	_____
G. _____	_____	_____
H. _____	_____	_____

* All surface end tail lengths measured from surface end of diver's gas hose

<u>Diver's End</u>	<u>Tail Length</u>	<u>Termination</u>
A. Divers Gas Hose	_____	_____
B. Pneumo Hose	_____	_____
C. Comm Wire	_____	_____
D. Poly Rope	_____	_____
E. Video Cable	_____	_____
F. Hot Water Hose	_____	_____
G. _____	_____	_____
H. _____	_____	_____
I. D-Ring	_____ from end of diver's gas hose	_____

* All diver's end tail lengths measured from diver's end of divers gas hose

Member Termination

- Oxygen Female Reusable
- Oxygen Female Barb
- #6 JICF Reusable
- #6 JICF Barb
- #4 JICF Reusable
- #4 JICF Barb
- 4-Pin Female Connector
- Banana Plug
- Video System Termination
- 1/2" MPT x Hose Barb
- Hot Water Female Q.D.
- _____
- _____

Part Numbers

375B
99R
ADAPTER-BRASS + 7N + (3x)J240
17 + 7N + J240
375B-6
ADAPTER-BRASS-6 + 6BTX-B + (3x)J240
99J-4
4797-4-4 + J240
RMG-4-FS + 2130B
MDP-RED + MDP-BLACK
VC-TERMINATION
C-42 + J240
BPHC-8-8F

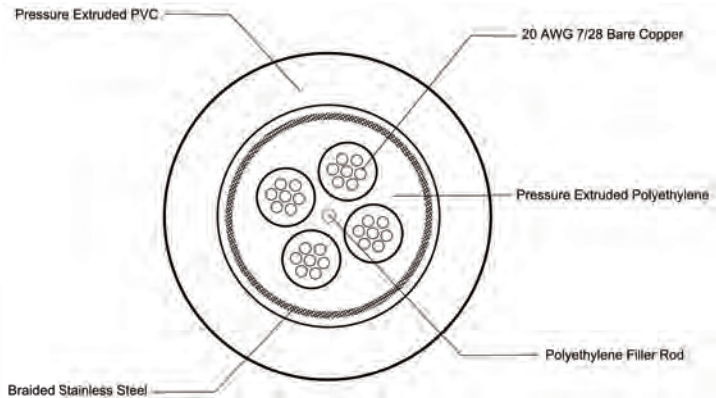
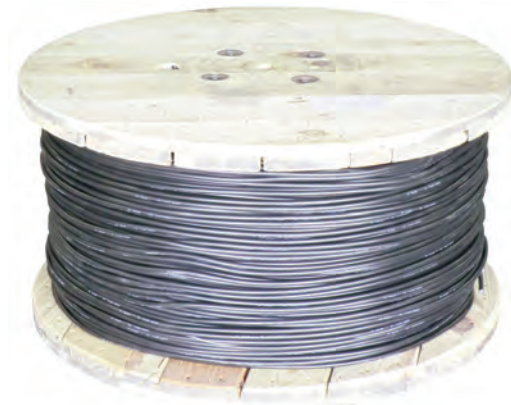
Termination Description

Oxygen fitting for 3/8" hose
Oxygen fitting for 1/4" hose
Oxygen fitting for 3/8" hose
Oxygen fitting for 1/4" hose
#6 JICF fitting for 3/8" hose
#6 JICF fitting for 1/4" hose
#4 JICF fitting for 1/4" hose
#4 JICF fitting for 1/4" hose
For comm wire
For comm wire
For video cable
1/2" MPT fitting for hot water hose
Female Q.D. fitting for hot water hose

Please note that twisted umbilicals and FLT06 hose are not designed to be used with reusable fittings.

Communications Wire “New”

Divers Supply, Inc offers heavy-duty 20/4 armored comm wire, but improved a bit with a stainless steel braid impregnated reinforcement jacket for longer life, compared to the steel braid impregnated “surplus” wire.



**Communications wire
can be cut to length or
sold by the reel.**

Spiral 4 Specifications

Number of Strands Per Conductor and Gauge (AWG) of Strand.....	7/28
Conductor Material.....	Standard Copper
Outer Jacket Material.....	Thermoplastic
Nominal Outside Diameter.....	9.52 mm (0.375 in)
Thickness.....	0.381 mm (0.015 in)
Braid Material.....	Stainless Steel
Inner Jack Material.....	Polyethylene
Thickness.....	0.763 mm (0.03 in)
Colors.....	Black & Natural
Core Material.....	Polyethylene

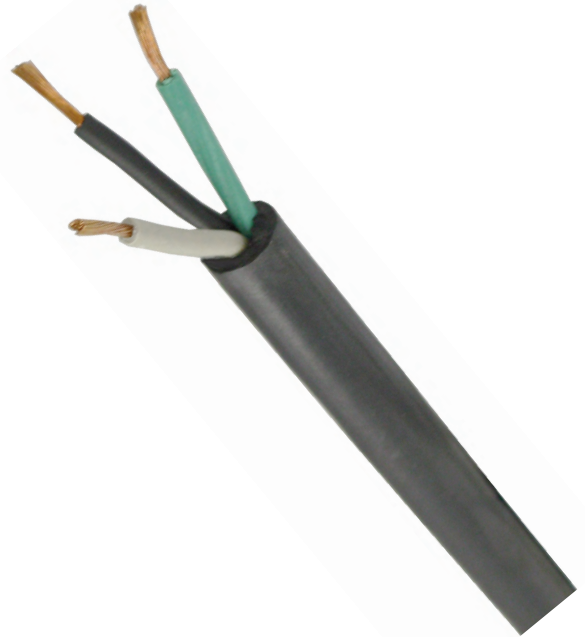
Length	
Standard Reel.....	1524 m (5000 ft) Approximate
Net Weight	
Reel, Wooden.....	31.75 kg (70 lb)
Cable/1524 m (5000 ft).....	189.75 kg (418 lb)
Shipping Weight	
Standard Reel 1524 m (5000 ft).....	221.32 kg (488 lb)
Shipping Dimensions	
Standard Reel.....	402 m (0.25 miles)
Height.....	0.46 m (1.52 ft)
Width.....	0.89 m (2.95 ft)
Length.....	0.89 m (2.95 ft)
Shipping Volume	
Standard Reel: 1524 m (5000 ft).....	0.37 m ³ (13.22 ft ³)

5000' continuous lengths in stock!



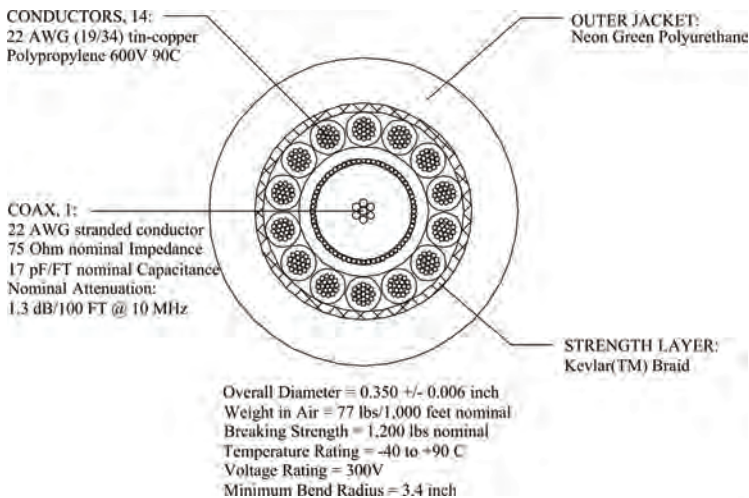
SO Cable

P/N	Gauge	Conductors
12/2 SO	12	2
12/3 SO	12	3
12/4 SO	12	4
14/2	14	2
14/3	14	3
16/2	16	2
16/3	16	3
16/4	16	4
18/2	18	2
18/4 SO	18	4



Video Cable

This cable is designed for extreme environments, featuring a uniquely formulated thermoplastic with better flexibility than other cables on the market for easier payout, tighter bends and better tractor control, with an extremely low coefficient of friction. The reduced diameter cables offer an even smaller bend radius for tighter bends and smaller, portable handling systems.



Mini-multi conductor cable:

- Conductors: fourteen #22 awg and one mini RG-59 coax.
- Diameter: 0.350"
- Material: neon green polyurethane jacket
- 2.06 lb/100 ft negative in the water

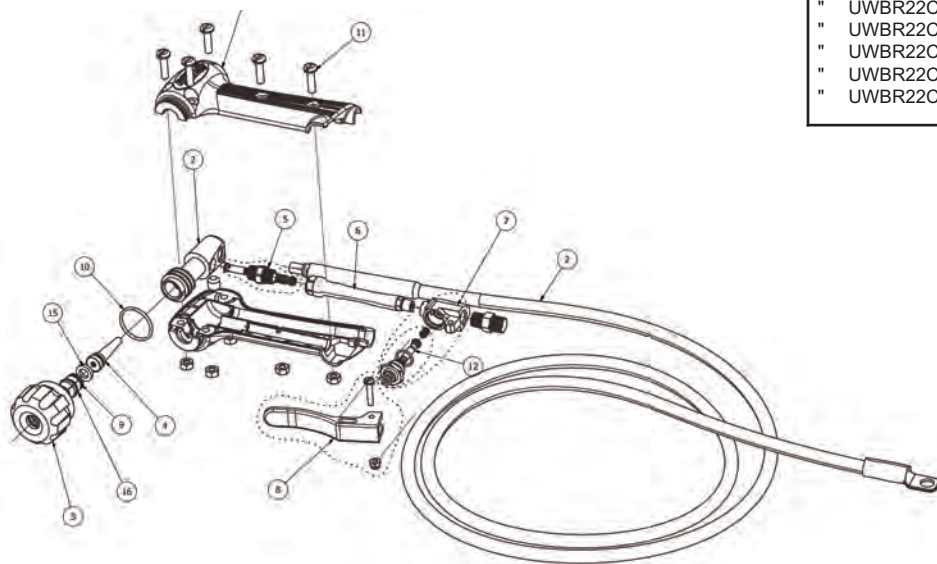
FM070901-3

BR-22 PLUS Cutting Torch

Introducing the next generation BR-22 PLUS Cutting Torch. This new torch features 21 design improvements, including the removal of all rubber from direct oxygen pathway, a PTFE lined fiberglass reinforced coupler hose, improved flash arrestor with higher oxygen flow rate and better flash back protection, non-return valve to prevent back flow, and improved collet and collet washer design.

Two years were dedicated to the design and development of the new torch with diver safety as its top priority. As with the original BR-22, it is also ergonomically designed for diver comfort, and is made with quality materials to deliver years of trouble-free performance at low cost. All Broco rods and electrodes used with the BR-22 also can be used with the new BR-22 PLUS.

BROCO



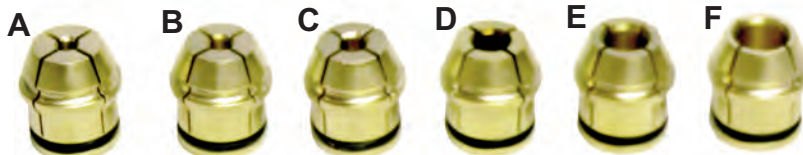
P/N	Description
1 UWBR22A01	Replacement handle set with screws and o-ring
2 UWBR22A03	Head and cable assembly
3 UWBR22A04	Collet nut assembly
4 UWBR22A05	Flash arrestor assembly
5 UWBR22A06	Check valve assembly
6 UWBR22A07	Coupler hose assembly
7 UWBR22A08	Control valve assembly
8 UWBR22A09	Valve lever with screw and nut
9 UWBR22N014	Dash 014 Neoprene o-ring collet to head seal
10 UWBR22N123	Dash 123 Neoprene o-ring nut to handle seal
11 UWBR22R02K	Replacement handle screw set with nuts
12 UWBR22R08K	Control valve repair kit (o-rings, valve stem, valve nut and return spring)
13 UWBR22ROSK	Replacement o-ring set (collet o-ring, nut to body o-ring and control valve o-rings)
14 UWBR22RCSK	Complete spare parts kit
15 UWBR22W38	Silicone rubber collet washer for 3/8" collet
" UWBR22W516	Silicone rubber collet washer for 5/16" collet
" UWBR22W14	Silicone rubber collet washer for 1/4" collet
" UWBR22W00	Silicone rubber collet washer for welding collets
16 UWBR22C38K	3/8" collet & washer kit
" UWBR22C516K	5/16" collet & washer kit
" UWBR22C14K	1/4" collet & washer kit
" UWBR22C18K	1/8" collet & washer kit
" UWBR22C532K	5/32" collet & washer kit
" UWBR22C316K	3/16" collet & washer kit



BR-22 PLUS

- | | |
|--|--|
| <p>A. UWBR22C38K
 B. UWBR22C516K
 C. UWBR22C14K
 D. UWBR22C18K
 E. UWBR22C532K
 F. UWBR22C316K</p> | <p>3/8" Collet & Washer Kit for BR-22 PLUS
 5/16" Collet & Washer Kit for BR-22 PLUS
 1/4" Collet & Washer Kit for BR-22 PLUS
 1/8" Collet & Washer Kit for BR-22 PLUS
 5/32" Collet & Washer Kit for BR-22 PLUS
 3/16" Collet & Washer Kit for BR-22 PLUS</p> |
|--|--|

Divers Supply, Inc. sells only authentic Broco parts!

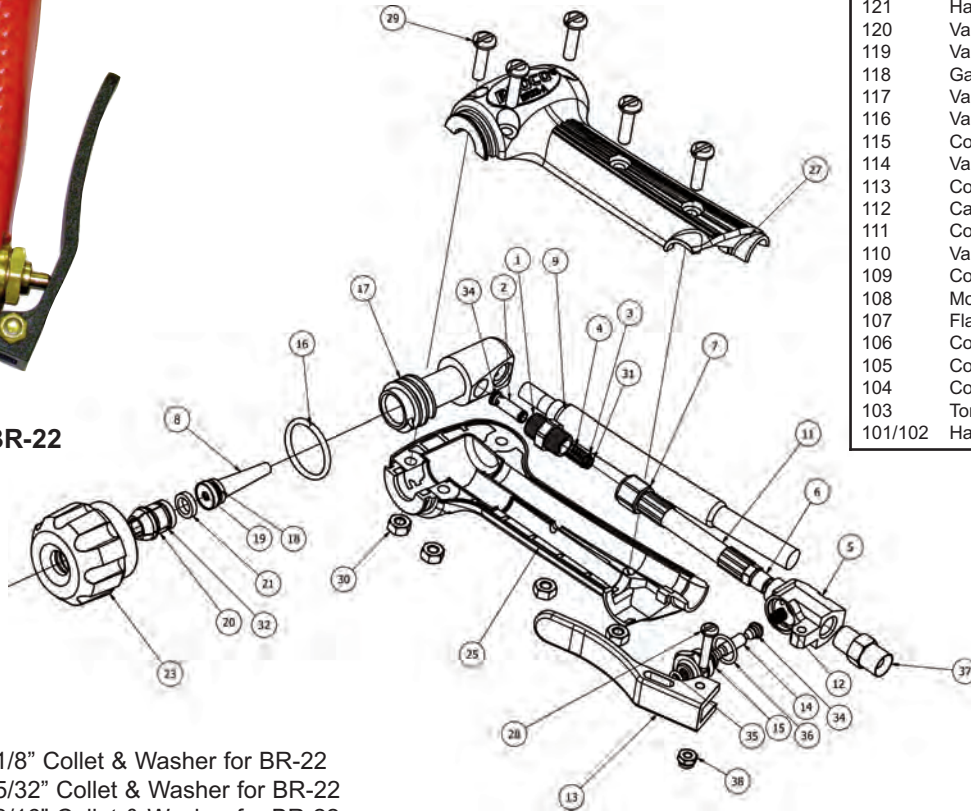


Welding and Burning

BR-22 Cutting Torch



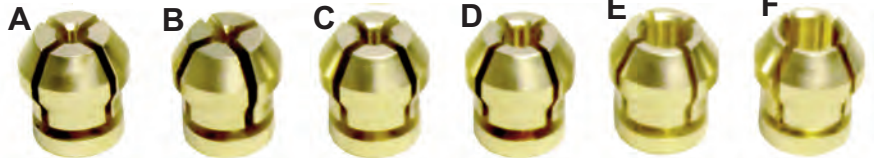
BR-22



P/N	Description
128	1/4" male NPT brass connector
127	Oxygen hose
126	K.K. Ferrule
125	1/8" male NPT Delrin connector
124	Oxygen hose adapter
123	Neoprene collete washer
122	Handle nut, Nylon
121	Handle screw, Nylon
120	Valve lever lock nut, brass
119	Valve lever screw, brass
118	Gasket
117	Valve stem washer, Neoprene
116	Valve stem o-ring
115	Control valve nut
114	Valve stem spring
113	Control valve
112	Cable assembly
111	Coupler assembly
110	Valve stem, Delrin
109	Control valve lever
108	Monel screen
107	Flash arrestor
106	Collet
105	Compression washer, Neoprene
104	Collet nut
103	Torch head
101/102	Handle set

- A. **TA-2218** 1/8" Collet & Washer for BR-22
- B. **TA-22532** 5/32" Collet & Washer for BR-22
- C. **TA-22316** 3/16" Collet & Washer for BR-22
- D. **TA-2214** 1/4" Collet & Blank Washer for BR-22
- E. **TA-22516** 5/16" Collet & Blank Washer for BR-22
- F. **TA-2238** 3/8" Collet & Blank Washer for BR-22

Divers Supply, Inc. sells only authentic Broco parts!



BR-22 Spares Kits

Repair Kit: **UW-MSP**

"Mini" Spares Kit

- 121-Nylon Screw (4)
- 119-Brass Valve Lever Screw
- 107-Flash Arrestor
- 110-Valve Stem
- 111-Coupler Assembly
- 122-Nylon Nut (4)
- 120-Brass Nut for 119
- 108-Monel Screen
- 116-Valve stem, O-ring

Repair Kit: **UW-CSP**

"Complete" Spares Kit

- 121-Nylon Screw (4)
- 119-Brass Valve Lever Screw
- 107-Flash Arrestor
- 110-Valve Stem
- 111-Coupler Assembly
- 105-Compression Washer
- 114-Valve Stem Spring
- 122-Nylon Nut (4)
- 120-Brass Nut for 119
- 108-Monel Screen
- 110-Valve stem, O-ring
- 104-Collet Nut
- 117-Washer, Stem
- 115-Control Valve Nut

Broco Ultrathermic Cutting Rods

Burning in excess of 10,000 degrees Fahrenheit at the tip, Broco Underwater Ultrathermic cutting rods cut or melt virtually any known material.

Based on a new patent-pending design, Broco's new underwater cutting rod delivers 20% more cutting and burn time than the same size prior generation rod, and burns more evenly than any rod on the market.

Broco has long been recognized for manufacturing the longest burning cutting rods in the underwater and industrial industries. This new Broco Ultrathermic Cutting Rod PLUS increases burn time 20%, on average, for a 3/8" diameter by 18" long rod. The extra seconds allow for longer burn time and more cutting. In addition, the advanced design rods consistently burn more evenly than any other rods available, offering more of Broco's exceptional quality with increased performance and value to the customer.

Ultrathermic cutting rods can be bent 90 degrees or more to access hard to reach places without restricting oxygen flow or causing the insulation to split or flake off.

Although they can be used with a maximum of 150 amps, Ultrathermic cutting rods have no electrical requirements. Once ignited, they will continue to burn as long as oxygen is supplied or until the rod is consumed.

Broco Ultrathermic rods are available in 1/4" and 3/8" diameters to suit the divers job requirements. Standard length is 18" but a 36" rod is also available.

3818UW-25 3/8" x 18" Rods
3836UW-25 3/8" x 36" Rods
BRO-CUT 5/16" x 14" Steel Tubular Cutting Rods

3818UW-20QP 3/8" x 18" Rods in Quiver Pack
1418UW-25 1/4" x 18" Rods



HVR-4401 Oxygen Regulator

The 2-stage Broco Underwater HVR-4401 regulator (used with 3/8" I.D. Oxygen hose) delivers the high volume of oxygen required to optimize Ultrathermic cutting performance. Flows 4400 cu ft per hour. UL Listed, the HVR-4401 has been designed and manufactured for ruggedness, ease of operation and maximum efficiency.

Maximum Inlet Pressure: 3000 psig
Delivery Pressure: 0-350 psig
Weight: 9.0 lb



HVR-4401

To Adjust Gas Delivery Pressure for Depth:

90 psi requirement at torch end
 $\text{Depth} \times 0.445 = \text{ambient pressure}$
 $\text{Regulator Setting} = \text{Ambient Pressure} + 90 \text{ psi Torch Requirement}$

EXAMPLE

Dive of 190 fsw, $190 \times 0.445 = 85 \text{ psi}$
 $85 \text{ psi} + 90 \text{ psi} = 175 \text{ psi gauge setting topside}$



Welding and Burning

Welding Stingers

The **BR-20** welding stinger is designed to hold the electrode at the optimum angle to the work, delivering quality welds while reducing operator fatigue. Lightweight and durable, the stinger can withstand literally hundreds of arc hours without experiencing electrolytic corrosion. It meets Mil-H865D and is Approved for Navy Use (ANU).

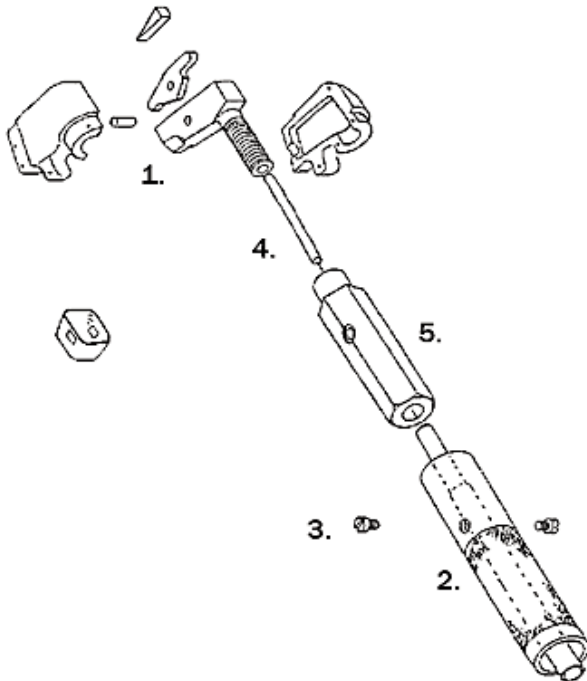
The **BR-21** welding stinger is a traditional compression type welding electrode platform. It features an index-notched oversized head for easier gripping. The beveled seat is grooved to eliminate wiggle. Easy to hold with a gloved hand.



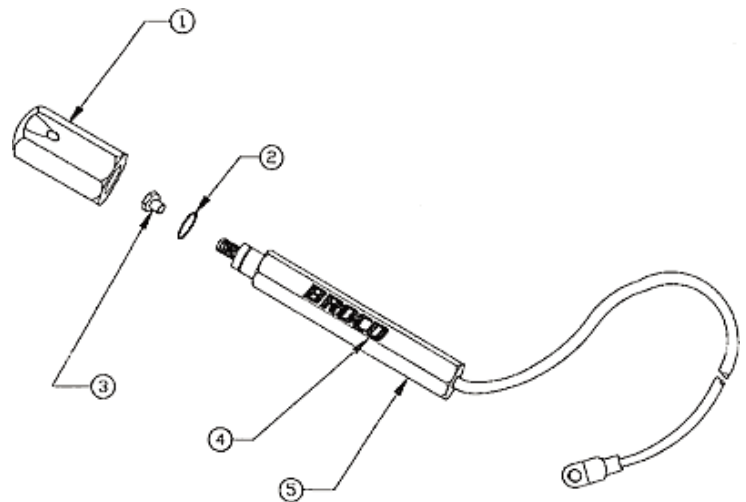
BR-20



BR-21



Item	Part Number	Description
1	242	Stinger Head Assembly
2	240	Handle, Orange
3	158	Nylon Handle Screw
4	234	Pressure Pin
5	236A	Body/Cable Assembly



Item	Part Number	Description
1	210	Cap Assembly
2	241	BUNA O-Ring
3	2105	Cap Screw
4	BB-11	BROCO Label
5	211	Handle/Cable Assembly

Welding and Burning

SofTouch Welding Rods (Structural)

Broco Underwater SofTouch electrodes achieve the highest level of radiographic and mechanical test results for wet welds, meeting or exceeding AWS D 3.6 standards in all positions (flat, horizontal, vertical and overhead).

SofTouch mild steel electrodes are performance certified by lot. Third party welded and tested, SofTouch 1/8" electrodes are provided with actual tensile strength, yield and elongation values and weld metal chemistry. SofTouch mild and stainless steel electrodes are available in 1/8", 5/32" and 3/16" diameter.

SofTouch wet welding electrodes are packaged in a rigid resealable plastic tube which provides maximum protection. The color-coded end caps denote mild or stainless steel rods. Operating guidelines are printed on the labels.

- UW-CS-1** 1/8" Mild Steel Rods
- UW-CS-2** 5/32" Mild Steel Rods
- UW-CS-3** 3/16" Mild Steel Rods
- UW-SS-1** 1/8" Stainless Steel Rods
- UW-SS-2** 5/32" Stainless Steel Rods

EasyTouch Welding Rods (Non-Structural)

Economically priced while yielding excellent results, EasyTouch electrode are the ones to choose for anodes and other non-structural repairs. Designed by Broco for non-structural welding applications, EasyTouch allows contractors to bid performance and profitability. EasyTouch lives up to its name being easy to run (controllable puddle with rippled bead appearance) and easy to clean. Like SofTouch, EasyTouch is a high deposition, all-position electrode.

- UW-EZ-1** 1/8" Mild Steel Rods
- UW-EZ-2** 5/32" Mild Steel Rods
- UW-EZ-3** 3/16" Mild Steel Rods

SofTouch Electrodes - Recommended Current Settings

Part Number	Diameter (in)	Diameter (mm)	Electrode Type	Current Settings Flat (Amps)	Current Settings Horizontal (Amps)	Current Settings Vertical (Amps)	Current Settings Overhead (Amps)
UW-CS-1	1/8	3.20	Mild Steel	160-170	140-165	140-165	140-160
UW-CS-2	5/32	3.97	Mild Steel	180-210	170-210	170-210	170-190
UW-CS-3	3/16	4.76	Mild Steel	250-280	240-280	240-280	235-275
UW-SS-1	1/8	3.20	Stainless Steel	135-150	130-150	125-145	125-145
UW-SS-2	5/32	3.97	Stainless Steel	150-200	140-200	140-190	140-180

BROCO



Welding and Burning

Oxylance Exothermic Cutting Rods

The Aqua EXO will burn without power after it is ignited. The Aqualance is an Oxy Arc rod that requires 300 amps of DC electricity to maintain the arc. All of our rods have a proprietary plating process that prevents the exterior of the rod from corrosion. We use a continuous heat shrink process for insulation that will not un-wrap or become brittle in cold water. Our rods can be used in other manufacturer's holders.

37BAQUAEXO 3/8" x 18" Rods



Arcair Tuff Cote Cutting Electrodes

Tuff-Cote tubular steel oxygen-arc cutting electrodes are first coated with an arc stabilizing flux coating, then waterproofed, protecting the flux from moisture absorption and providing electrical insulation.

Outside Diameter: 5/16"
Bore Hole 0.113"
Length: 14"



4205-9008

Welding & Burning Accessories



**Knife Switch
A1009**

400 amp, 250 VDC,
single pole, single throw.
(YZ-314 replacement
handle)



**Ground clamp, push-on
GC-300**

300 amp, spring style
4" jaw opening, 8.5"
length



**Ground clamp
GC-600-50**
600 amp, c-type 98%
copper alloy, 2.5"
opening



S1020, Splice 1/0-2/0
TS3040, Splice 3/0-4/0
L1020, Lug 1/0-2/0
Lug 4/0, Lug 3/0-4/0

Cable & Leads



Welding Cable Part Numbers:

1/0 - **WELD CABLE 1/0**
2/0 - **WELD CABLE 2/0**
3/0 - **WELD CABLE 3/0**
4/0 - **WELD CABLE 4/0**

Burning, Welding & Ground Leads:

We have a selection of welding, burning and ground leads in stock or we can custom build to meet your specific needs.

Video



UWS-3410

UNIT INCLUDES:

- 12" color LCD monitor
- CON-3400 console with built in power supply
- HDD/DVR recorder
- UWC-325/P, fixed focus color camera with delrin housing
- UWL-401, LED light with stainless steel housing; uses 12 VDC power
- DHM-60 hand-held bracket for mounting light and camera
- 500' mini-cable assembly
- Weather resistant case

OPTIONS:

- Custom cable length
- UWS-3420 PAL version (220 VAC, 50 Hz)



UWS-3310

UNIT INCLUDES:

- 12" color LCD monitor
- CON-3300 console with built in power supply
- SD/DVR recorder
- UWC-325/P, fixed focus color camera with delrin housing
- UWL-401, LED light with stainless steel housing; uses 12 VDC power
- DHM-60 hand-held bracket for mounting light and camera
- 330' mini-cable assembly
- Weather resistant case

OPTIONS:

- Custom cable length
- UWS-3320 PAL version (220 VAC, 50 Hz)



Accessories

CU-1110

Power supply for those who have monitor and recorder.

FEATURES:

- Isolation transformer for light.
- Variac for light control.
- GFIC for safety
- Audio mic/line mixer for recording.
- Focus control for UWC-560 camera



ELECTRICAL:

- Power.....120 VAC at 2.0 amps
- Light output.....0-140 VAC at 1.5 amps max.
- Camera power.....14.5VDC at 1.0 amp max.
- Cable connector.....MS3102-18-08S
- Video and Audio.....RCA jacks

MECHANICAL:

- Size.....14" x 6" x 10.5" (W x H x D)
- Weight.....15 lbs.



997B

Bulb for Outland Technologies
UWL-200 light.



RMK-5-FS/KFLSD

5 pin connector for cameras.
Includes female locking sleeve.



RMG-3-FS

3 pin connector for
UWL-200 light.

Lock Sleeve Optional:
Female Lock Sleeve: **FLS**



DHM-60

Helmet and light
mounting bracket for UWC-325
camera and UWL-200 light.



HM-300

Faceplate mounting bracket for
lights and cameras.



82-F1

Splicing kit for single line
connections.

Resin Refill: **2130B**



82-BF1

Splicing kit for "Y" line
connections.

Resin Refill: **2130B**

Connectors, Electrical



RMG-2-FSD Female dummy plug, 2 pin	RMG-2-MPD Male dummy plug, 2 pin
RMG-3-FSD Female dummy plug, 3 pin	RMG-3-MPD Male dummy plug, 3 pin
RMG-4-FSD Female dummy plug, 4 pin	RMG-4-MPD Male dummy plug, 4 Pin
RMG-5-FSD Female dummy plug, 5 pin, with locking sleeve	RMG-5-MPD Male dummy plug, 5 pin, with locking sleeve



MLS FLS

The FLS and MLS locking sleeves fit up to 4 pin waterproof electrical connectors.

***Does not fit "gripper" plugs**



Penetrators

SCCCP

1/2" S/S, 1000 PSI penetrator,
18/4 wire, 6' cable.
Available in 1" and also with up
to 12 conductors

3/4" PENETRATOR
16/8 wire, 6' cable



Waterproof Electrical Connectors

Connector	Description
RMG-2-MP	2 pin male connector, 18" lead
RMG-2-FS	2 pin female connector, 18" lead
RMG-2-MP/G	2 pin male connector, grip rings, 18" lead
RMG-2-FS/G	2 pin female connector, grip rings, 18" lead
RMG-3-MP	3 pin male connector, 18" lead
RMG-3-FS	3 pin female connector, 18" lead
RMG-3-MP/G	3 pin male connector, grip rings, 18" lead
RMG-3-FS/G	3 pin female connector, grip rings, 18" lead
RMG-4-MP	4 pin male connector, 18" lead
RMG-4-FS	4 pin female connector, 18" lead
RMG-4-MP/G	4 pin male connector, grip rings, 18" lead
RMG-4-FS/G	4 pin female connector, grip rings, 18" lead



RMK-5-FS/KFLSD

5 pin female connector with
female locking sleeve.

RMK-5-MP/KMLSD

5 pin male connector with male
locking sleeve.



Bulkhead Connectors

3602 - 3 pin male connector
XSK-5-BCL - 5 pin male connector
Available with solder cups or pigtails

*Additional
underwater
mateable and
inline connectors &
penetrators
available.
Please call!*

Accessories/Splicing



82-F1

Single line splicing kit



82-BF1

Y Line splicing kit



SPlicing TAPE



APS30

Soldering pencil



S100

Rosin core solder

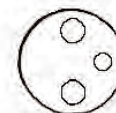


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Wire eyes



COOPER Crouse-Hinds

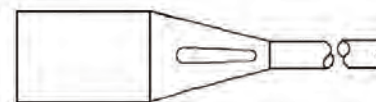


Polarizing Pin

Series 51 Male Connector “Underwater Pluggable”

Model	No. Contacts	No. Pins	Max. Volts	Contacts/Pin	Amp Rating	Wire Size/AWG	Mates With
51E1M-1	1	1	230	1	15	16	51EHF, 53E1F, 59E1F, Series 54 & 84 J Box
51E1M-80	1	1	230	1	15	16	51EHF, 53E1F, 59E1F, Series 54 & 84 J Box
51H1M-1	1	1	440	1	60	8	51H1F, 53H1F, Series 54 J Box
51E2M-1	2	2	230	1	15	16	51E2F, 53E2F, Series J Box
51F2M-1	2	1	115	2	7.5	18	51F2F, 53F2F, 59F2F, Series 54 & 84 J Box
51F2M-50	2	1	115	2	7.5	18	51F2F, 53F2F, 59F2F, Series 54 & 84 J Box
51E3M-1	3	3	230	1	15	16	51E3F, 53E3F, Series 54 J Box
51H3M-1	3	3	440	1	60	6	51H3F, 53H3F, Series 54 J Box
51L3M-1	3	3	440	1	100	4	51L3F, 53L3F, Series 54 J Box
51E4M-1	4	4	230	1	15	19	51E4F, 53E4F, Series 54 J Box
51F4M-1	4	2	115	2	7.5	18	51F4F, 53F4F, Series 54 J Box
51H4M-1	4	4	440	1	60	6	51H4F, 53H4F, Series 54 J Box
51L4M-1	4	4	400	1	85	4	51L4F, 53L4F, Series 54 J Box
51F6M-1	6	3	115	2	7.5	18	51F6F, 53F6F, Series 54 J Box
51F8M-1	8	4	115	2	7.5	18	51F8F, 53F8F, Series 54 J Box

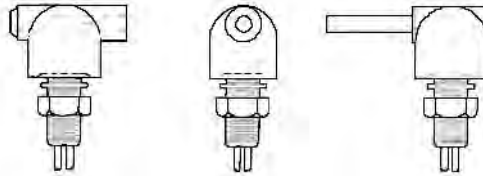
COOPER Crouse-Hinds



(Offset Connector)

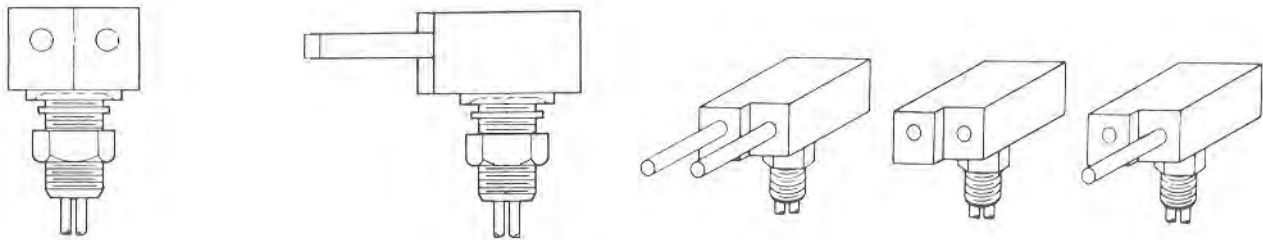
Series 51 Female Connector “Underwater Pluggable”

Model	No. Contacts	Max. Volts	Amp Rating	Wire Size/AWG	Mates With
51E1F-1	1	230	15	16	51E1M, 53E1M, 59E1M
51E1F-80	1	230	15	16	51E1M, 53E1M, 59E1M
51H1F-1	1	440	60	8	51H1M, 53H1M
51E2F-1	2	230	15	16	51E2M, 53E2M
51F2F-1	2	115	7.5	18	51F2M, 53F2M, 59F2M
51F2F-10	2	115	7.5	18	51F2M, 53F2M, 59F2M
51E3F-1	3	230	15	16	51E3M, 53E3M
51H3F-1	3	440	60	6	51H3M, 53H3M
51L3F-1	3	440	100	4	51L3M, 53L3M
51E4F-1	4	230	15	16	51E4M, 53E4M
51F4F-1	4	115	7.5	18	51F4M, 53F4M
51H4F-1	4	440	60	6	51H4M, 53H4M
51L4F-1	4	440	85	4	51L4M, 53L4M
51F6F-1	6	115	7.5	18	51F6M, 53F6M
51F8F-1	8	115	7.5	18	51F8M, 53F8M



Series 59 Single Pin 90° Connectors

Model	No. Circuits	No. Pins Per Socket	Max. Volts	Circuits Per Pin	Amp Rating	Wire Size	Mates With
59F2M or F-1	2	1	7.5	2	115	18	51F2F or M
59F2M or F-2	2	1	7.5	2	115	18	51F2F or M
59F2M or F-3	2	1	7.5	2	115	18	51F2F or M
59F2M or F-4	2	1	7.5	2	115	18	51F2F or M
59F2M or F-5	2	1	7.5	2	115	18	51F2F or M
59F2M or F-6	2	1	7.5	2	115	18	51F2F or M



Series 510 Two Pin Male/Female/Universal 90° Connector

Model	No. Circuits	No. Pins/Sockets			Max. Volts	No. Circuits Per Pin	Amp Rating	Wire Size	Mates With
		M	F	U					
510E2M or F or U-4	2	1	1	1/1	230	1	15	16	52E2F or M or U-1
510E2M or F or U-5	2	1	1	1/1	230	1	15	16	53E2F or M or U-1
510E2M or F or U-6	2	1	1	1/1	230	1	15	16	52E2F or M or U-1
510F4M or F or U-4	4	2	2	1/1	115	2	7.5	18	52F2F or M or U-1
510F4M or F or U-5	4	2	2	1/1	115	2	7.5	18	52F2F or M or U-1
510F4M or F or U-6	4	2	2	1/1	115	2	7.5	18	52F4F or M or U-1



Lights



The BIRNS **Aquila**, model 5748, is the industry's most advanced, compact underwater low voltage multi-use light. It's packed with innovative features like a low profile Ø60mm housing, four conduit channels that enhance water flow across the lens and specially engineered cooling fins to help sink heat into the water. It has a non-browning crystal lens, immediate tool-free relamping, a 60° beam, wire-free construction, and powerful, depth-piercing 3000 K white light. Mates to CEF2S power cable assembly, and has an ergonomically-designed compact mounting diameter, with a coarse diamond knurled surface for easy hand gripping or positioning on a mounting bracket. Choose low-voltage lamps of select wattages from 20 W to 340 W.

Applications:

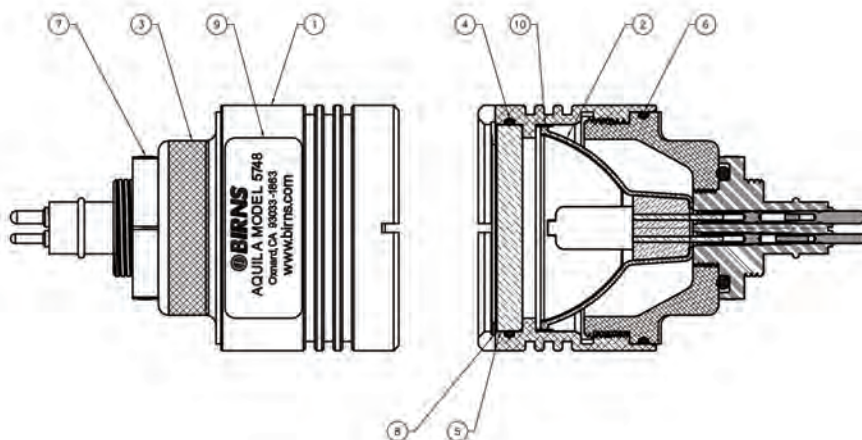
The low-voltage Aquila is powerfully versatile, and may be used by divers, on cameras, and ROVs. It is available with choice of 25 to 360-watt lamp and is an excellent light for color or black and white filming and video, and for general-purpose underwater illumination. This powerfully versatile system is ideal for video cameras and manipulator arms.

Features:

- Brilliant 3,000 K white light illumination
- 200 m depth rating
- Customizable, mounts anywhere
- Fast, easy, wire-free maintenance
- 30-sec. tool-free relamping
- Ultra-compact (3" OD), light-weight design
- BIRNS Smart Seal o-rings
- Operates perfectly on AC or DC



Birns Aquila
5748



Item #	Part #	Description
1	28B-045	Housing
2	32C-003*	12V/100W Lamp
3	56F-055	Rear Nut
4	59A-188	O-ring
5	35C-002	Lens
6	59A-189	O-ring
7	BEM2P-S2	Connector
8	56B-103	Snap Ring
9	47A-046	Aquila Label
10	52B-001	Anti-shock Cushion

* Standard option listed. Please call for available options.

The BIRNS **Aquila-LED**, model 5748-LED provides intense LED illumination focused on the job at hand, in the water and out. This is the ultimate low voltage underwater multi-use light – effectively piercing the depths with a potent 6500K brilliance in a compact, lightweight silhouette that can be seamlessly customized to fit a wide range of uses. Part of BIRNS' acclaimed new "L" series, this powerful LED light delivers high performance under pressure with a small, yet powerful design. Its vivid 240 lumen LED lamp is rated at 50,000 hours and operates on 12V AC/DC and consumes a mere 4 watts, and is RoHS compliant. It weighs in at a mere 209 g (10.5 oz.) in air, or 64 g (2.3 oz.) in water, and features a Ø60 mm (Ø2.4") housing with a brilliant, 60° beam. Its wire-free construction combines advanced design characteristics with a streamlined 97 mm (3.8") profile that makes it simple to relamp – just 30 seconds, with no tools needed.

It has an ergonomically-designed compact mounting diameter, with a coarse diamond knurled surface for easy hand gripping or positioning on a mounting bracket. Choose low-voltage lamps of select wattages from 20 W to 340 W. This powerful, versatile system is built to withstand the rigors of deep sea applications – from illuminating ROVs and underwater photography to helmet-mounted use in commercial diving.

Applications:

Built to withstand the rigors of deep sea applications—from illuminating ROVs and underwater photography to helmet-mounted use in commercial diving—the versatile new BIRNS Aquila-LED provides incredible illumination in a compact, lightweight silhouette that can be seamlessly customized to fit a wide range of uses.

Features:

- Brilliant 6,500 K white light illumination
- 12°-34° beam
- 200 m depth rating
- 50,000 hour lamp life
- Operates in and out of water
- Fast, easy, wire-free maintenance
- BIRNS Smart Seal o-rings
- Ultra-compact, (3" OD) light-weight design
- Customizable, mounts anywhere
- Operates well on AC or DC



Birns Aquila-LED
5748-LED

Lights

The BIRNS Snooper III, BIRNS model 5570, is the newest model of this popular, intensely brilliant 3km-rated 3250K underwater light. Launched in 2012, and unmatched in durability and dependability, the BIRNS Snooper III is available with a new backwards compatible conversion kit. It has an innovative new lamp, reflector, base and lamp base mount, providing seamless adaption for most legacy systems. There are tens of thousands of existing BIRNS Snooper systems in the field—many of them on vehicles and used by divers—still working perfectly since the 1960s.

This incredible multi-purpose light blazes with up to 33,000 lumens and has a choice of 400 to 1,200W lamp and four different lens options—so it's perfect for a vast range of marine and deep sea applications. With a robust, bulletproof lens and reinforced tempered cast body, it can be hand held or yoke mounted to practically any surface or vehicle for decades of powerful underwater illumination.



**Birns Snooper III
5570**

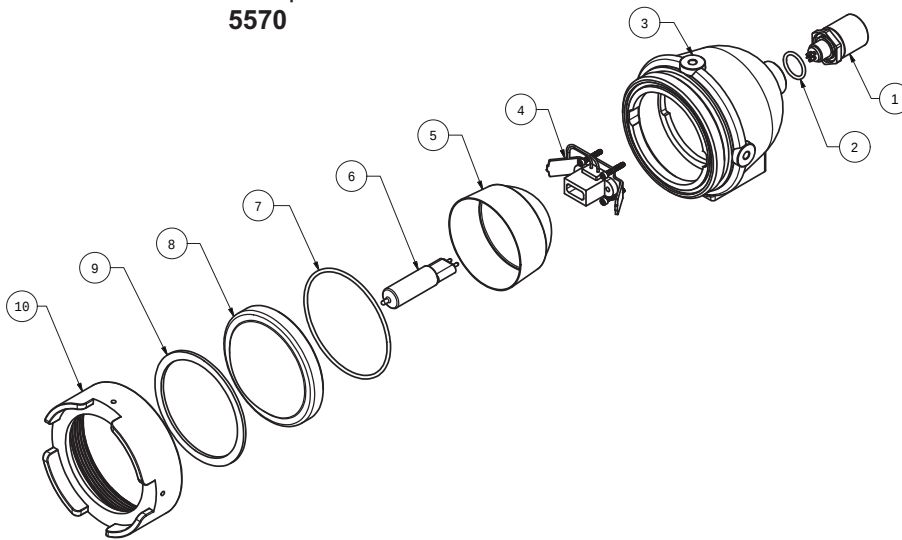
The system includes choice of white light lamp, lens, and mount, with an available handgrip that is now detachable—plus, the BIRNS Snooper mounts on its mounting boss for maximum space savings and versatility. It features an instant ON/OFF and hot-restrike capability, with no ballast necessary and comes complete with a detachable CEF3S power cable assembly.

Applications:

The BIRNS Snooper is used by divers, on diving bells, submarines and ROVs across the world, thanks to its extremely rugged fixture, proven to stand up to heavy mechanical abuse. This customizable light also provides immensely powerful illumination options for underwater filming and photography.

Features:

- Brilliant 3250K illumination—highly polished internal parabolic reflector, with high-output Tungsten-Halogen lamp in focal point
- Bulletproof lens, reinforced, tempered cast body with mechanical impact protection and four sealing operations
- Optional customization to fit a wide range of demanding applications
- Versatility of configuring options include 4 lenses, 3 mounts, and 6+ lamps



Item #	Part #	Description
1	BEM3P-C2	Connector
2	59A-002	O-ring
3	28A-001	Housing w/o Grip
4	44Q-005	Lamp Holder Assembly
5	54E-002	Reflector Assembly
6	32E-014	120V/1000W Lamp
7	59A-001	O-ring
8	35A-001	Clear Lens
9	59B-001	Lens Gasket
10	56A-001	Lens Ring

* Standard options listed. Please call for all available options.



The BIRNS **Snooperette**, model 5672, is the ultimate low-voltage general-purpose underwater light—versatile and low profile (Ø76mm) for a diverse suite of oceanographic uses. It's incredibly rugged and highly customizable, and can be helmet-mounted, hand-held or yoke-mounted. Its concentrated 3200 K white light is excellent for intense illumination, photography and video with a choice of lamps and lenses.

The BIRNS **Snooperette-LED** can be used in and out of water, and stays cool whether helmet-mounted, hand-held or yoke-mounted, while its intense 4500 K white light provides a 40,000 hour lamp life.

With handy instant ON/OFF and hot-restrike capability, it uses detachable cable assembly CEF2S16-x ('-x' is the desired length in feet). Optional cable locking sleeves are available in 316 SS (63A-003) or plastic (63A-004).

Applications:

Highly versatile and tough, the Snooperette is rated to 3400 m and provides powerful lighting options for diving, submarine, ROV, photography, and offshore oil and gas inspection applications.

Features:

- Brilliant 3200 K/4500 K illumination
- Compact (Ø76mm / Ø3"), mountable almost anywhere
- Fast, easy wire-free maintenance, 30 second tool-free relamping
- Voltage flexibility—12, 24, 30 or 36 VAC or VDC
- Customizable with options including 6 lenses, 3 mounts, and 10 lamps



**Birns Snooperette
5672**

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Divers Supply, Inc.

Phone: 888-221-8120 • Fax: 504-392-3920

www.diverssupplyinc.com



Lights

The BIRNS **Doubly-Safe Chamber Light**, model 4121, is the world's best and most versatile PVHO lighting fixture. It meets or exceeds applicable Det Norske Veritas (DNV), Lloyd's, and UL requirements. It is versatile, with choice of lamp and lens. Superior thermal design permits the use of higher-output lamps, and BIRNS' exclusive "doubly safe" dual helium release method makes the entire front of the light its own helium release valve.

Superior heat-sink design, two helium release methods, low-voltage lamps and a case ground (earth) connection make the Chamber Light very safe to use.

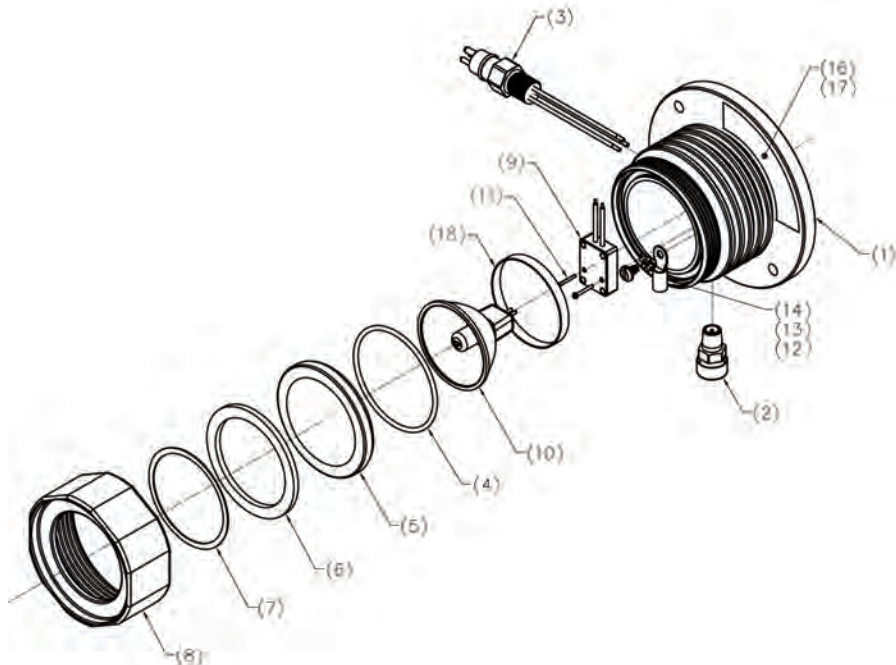
The BIRNS **Doubly-Safe LED Chamber Light**, model 4123, combines powerful LED technology with BIRNS exclusive design features—for the ultimate in safety and performance in brilliant 5200 K lighting for PVHO applications. BIRNS' proprietary Doubly-Safe dual helium release method makes the entire front of the light its own helium release valve—with a back-up spring in the front lens mount along with its additional stainless steel release mechanism to safely and quickly remove any gas that might otherwise get trapped during compression. LED technology keeps the lamp running cool, and the unique system is low profile, lightweight and has a 50,000 hour rated lamp life—while meeting and/or exceeding applicable DNV, Lloyd's, and UL requirements.

Applications:

The low-voltage Chamber Light is designed specifically to provide "white light" illumination inside pressurized HeO₂-atmosphere PVHO chambers.

Features:

- Brilliant "white light" illumination
- Small size (Ø76mm / 3" OD), mountable almost anywhere
- Lamp and lens options to make it perfect for most applications
- Operates well on AC or DC.



Birns Chamber Light
4121



Item #	Part #
1	28B-040
2	74A-005
3	XSG-3-PBC
4	59A-005
5	35A-007*
6	59B-003
7	23T-006
8	56A-003
9	33D-004
10	32C-001*
11	23B-112
12	23B-006
13	23E-026
14	23C-009
16	47B-001
17	47B-002
18	52B-001

* Standard option listed.
Please call for available options.

The BIRNS **General-Area Chamber Light**, model 4132-5, is an innovative, versatile PVHO lighting fixture that provides tailored general-area lighting inside pressurized chambers. This comprehensive system comes complete with choice of lamp and a factory-installed penetrator and cable assembly for savings and convenience. Its superior thermal design permits use of higher-output lamps, so it can be customized to provide maximum illumination. The attached cable length is 1.8 m (6'), but on special order it can be any length specified. The unit comes complete with choice of 12 V or 24 V lamp (power ratings ≤28 W). It meets or exceeds applicable Det Norske Veritas (DNV), Lloyd's, and UL requirements.

Applications:

The low-voltage General-Area Chamber Light is designed specifically to safely provide white light illumination inside pressurized HeliO₂-atmosphere PVHO chambers. It's an advanced, customizable solution perfect for submersibles, diving bells, personnel transfer capsules, and a wide range of decompression, recompression and hyperbaric chambers

Features:

- Brilliant white light illumination
- Helium release valve
- Superior thermal design
- Can mount on practically any ceiling or wall
- Variety of versatile lamp and lens options
- Complete safety: Case ground (earth)
- Versatility of 12 V or 24 V lamps
- Operates well on AC or DC



Birns Chamber Light
4132-5



Lights

The **HYL 250** hyperbaric chamber light consists of a high output, 250 W, 120 V halogen light source and a 1" NPT, 1-1/4" NPT (half or full coupling) or face sealed light pipe chamber coupling. The patented system provides bright white 3400°K color temperature, uniform illumination into a pressurized chamber. The color temperature and illumination levels of a Cauty light have been the industry standard for over 40 years. An infra-red filter is standard equipment on every light to eliminate all heat from the light, providing only cool, effective light into the chamber. An optional drip proof cover is available for the light source for wet environments. The 120V AC light connects to a residential or commercial dimmer for complete light output control and flexibility.

Applications

- Hyperbaric chambers
- Medical chambers, saturation chambers
- Diving recompression chambers
- Altitude chambers
- Diving research facilities

Features

- Safest chamber lighting system on the market
- Efficient 250 W, 120 V halogen lamp - we put more light into the chamber than any other light!
- Ideal illumination for human occupancy
- High pressure chamber seal - 5000 PSI max. available with face seal option
- Infra-red filter eliminates all heat from light
- Easy to install
- All wiring and maintenance is external. No internal chamber wiring penetrators and wiring.
- Thermal switch
- Brass chamber couplings standard. 316L SS option
- 90° light beam dispersion
- Optional drip proof cover
- Various worldwide approvals



HYL 250



The **HYL 80** external deck decompression chamber lighting system consists of a high output, 80 W halogen light source and a 316L SS, 1" NPT male chamber coupling. The patented system provides bright white, uniform illumination into a pressurized, outside deck chamber. The color temperature and illumination levels of a Cauty light have been the industry standard for over 40 years. An infra-red filter is standard equipment on every light to eliminate all heat from the light, providing only cool, effective light into the chamber. The light source is provided in an anodized aluminum enclosure suitable for NEMA Type 4 / IP66 locations. Optional explosion proof and flameproof ratings are also available.

Applications

- Deck mounted diving decompression chambers
- Diving research facilities

Features

- Safest chamber lighting system on the market
- Efficient 80 W halogen lamp - we put more light into the chamber than any other light!
- NEMA Type 4 / IP66
- Ideal illumination for human occupancy
- High pressure 1200 PSI rating
- Infra-red filter eliminates all heat from light
- Dual thermal switches
- 1" NPT, 316L SS chamber coupling
- Easy to install
- All wiring and maintenance is external
- Ideal light beam dispersion into chamber
- Optional worldwide ratings available



HYL 80



Non-Destructive Testing

Cygnus 1, Ultrasonic Thickness Gauge

Features:

- Certified to RINA approval (Certificate No. 2009DGPO787)
- Diver held underwater thickness gauge
- Pressure rated to 300 m depth
- Heavy duty sealed unit with double 'O' ring protection
- Rugged durable shock proof construction
- Stable calibration - linear accuracy - no zero adjustment
- Various probe options
- Two rechargeable batteries with charger
- Large Bright LED display for poor visibility
- All probes are protected by a membrane to prevent damage
- Self verification of the measurements to ensure accuracy
- Echo strength indicator to aid measurement
- Easy calibration using convenient buttons
- "Deep-Coat" mode measuring through coatings up to 20mm thick
- Auto-Probe Recognition (APR)

Applications:

- Metal thickness and corrosion checks on offshore structures and ships
- Safety corrosion monitoring of pipelines and storage vessels
- Metal thickness / wear checks on anchor chains, jetties, dock gates, piers and pilings
- Ships classification surveys
- Maintenance and safety checks on bridges



CYGNUS1A

CYGNUS 1 with fixed and remote probes

CYGNUS1B

CYGNUS 1 with remote probe only

CYGNUS1D

CYGNUS 1 with topside delay repeater

CYGNUS1I

CYGNUS 1 with topside data logging



UW115 Contour Probe

The underwater contour probes are electromagnets capable of inducing a strong magnetic field in ferromagnetic materials for the purpose of performing magnetic particle inspections. The UW115 produces an AC magnetic field from a GFI protected 115VAC power source.

The flexibility of the articulating legs provide for maximum surface contact and allows application of the magnetic field to the precise area of inspection. The leg assemblies may be removed for cleaning and lubrication or replacement. The Contour Probe body is molded from high impact glass filled Nylon and is internally encapsulated with polyurethane. The leg joint exiting through the body is sealed between the laminates to prevent water migration.

The UW115 is provided with a four foot Neoprene, #16, 3-conductor "pig tail". This pig tail/cord is to be used in conjunction with the users approved underwater connector or spliced to a #16, 3-conductor underwater cable.

Mi-Glow

Particle Color: Bright pink

Specific Gravity: 0.9 g/ml

Light Source: Daylight fluorescent under white light source (bright pink under black light)

Particle Size: Not less than 98% passage through U.S. standard #100 sieve



DP-200

Permanent Magnets

Sensitivity: Mi-Glow UW#1 offers a wide range of sensitivity through its broad range of particle sizes - 1 um to 100 um. This sensitivity provides a high probability of detection for fine non-visual discontinuities as well as enhancement of larger discontinuities.

Preparation: It is suggested that Mi-Glow UW #1 be added to water at a concentration of approximately 2 oz avoirdupois weight to one gallon of water. The preparation may vary due to customer practice and application. The storage reservoir should have mechanical or air agitation to help keep particles in suspension. When these particles are used in a salt water environment, a fresh batch solution should be made daily to prevent corrosion of the particles.



UW#1

5 gallon

Pipe/Leak Repair



Syntho-Glass Pipe Repair Kits

Syntho-Glass repair kits are designed for applications repairing cracked or broken pipes under pressure of up to 60 psi and 4" in diameter. There is no need to turn off your system. Permanent repairs can be made quickly and cost effectively.

Can effectively repair damage to PVC, copper, ceramic, fiberglass, concrete, and most metals, plastics and rubbers.

Syntho-Glass can be used underwater by divers and is one of the best products around for pipe repair.

Part Numbers:

Syntho-Glass 2" x 5' - **SG25**

Syntho-Glass 3" x 9' - **SG39**

Syntho-Glass 4" x 15' - **SG415**

Syntho-Glass 4" x 20' - **SG420**

Syntho-Glass 4" x 50' - **SG450**

Syntho-Glass 6" x 50' - **SG650**

Syntho-Glass 8" x 50' - **SG850**

To figure out how much Syntho-Glass you need:

3.14 x diameter of pipe

width of Syntho-Glass

x number of layers required x length of pipe = ft. req'd.

Please call for other products from the manufacturers of Syntho-Glass.



Recommended Uses:

Splash Zone coating is a special polyamide epoxy mastic designed for use on those areas of marine structures and pipelines which cannot be maintained effectively with conventional coatings or cathodic protection.

- Repair underwater pipelines
- Repair pilings or bracings
- Repair water line structures and retaining walls

Many years of service around the world confirm the effectiveness of this product as a corrosion barrier.

Splash Zone

- Formulated for underwater application
- Cures in fresh or salt water
- 100% solids epoxy
- Excellent cathodic disbondment
- Excellent water resistance
- Effective corrosion barrier
- Excellent chemical and solvent resistance

Specification Data:

Coating type: Epoxy polyamide

Packaging: 2 gallon, 2 component kits

Gloss: Semi-gloss

Color: Aluminum grey

Component ratio: 1:1

Flash point: None

Thinner: None

Pot life: 1 hour at 77 °F

Shelf life: 1 year

Density: 13.4 lb/gallon

VOC: 0

Temperature resistance: 325 °F, Dry

180 °F, Wet

Recommended film thickness: 250 mils



Barnacle Buster

Barnacle Buster

The Barnacle Buster is designed to be used to remove heavy thick build-up of mussels, rust, barnacles and paint from steel, concrete, pilings, sea walls, bulkheads and ships.

How it works:

As the tool moves across the surface, the outside knocker bars shatter barnacles and other heavy growth. The rotating hardened steel cutters follow up with a chipping and scraping action which removes the remaining material, leaving a clean surface. Water passing through the tool keeps the cutting wheels clean. The tool is ecologically safe since it adds no harmful chemicals to our environment. Rotary action displaces water creating a vacuum under the tool. This results in the Barnacle Buster being pressed and held against the ship or work surface. Slight pressure on either side of the tool allows the operator to guide it in any direction.



Part Number: **637MA**

Features

- Attaches to most sanders, grinders, drills and polishers (electric, pneumatic, hydraulic)
- Built in safety guard
- Balanced design for easy operation
- Operates underwater
- Environmentally safe, no chemicals or solvents
- Fits 5/8"-11 shaft
- No lubrication or maintenance required
- Drive adapter for 3/8" and 1/2" drill chuck available
- Cutters for all models are interchangeable
- Self-cleaning
- Replacement hardened tool steel cutters available
- Stainless steel one piece housing

Replacement Parts:

637MA	6" Barnacle Buster
50830	6" heavy duty Barnacle Buster with quick change cutters
50611	Standard cutter set (set of 49)
50631	Heavy duty quick change cutter set
50683	Spacer set (set of 49)
50684	Replacement axle (set of 7)
50686	5/8" - 11 nut
50685	Inner retaining cup

Applications Include

- Oil refineries
- Paint removal
- River and harbor engineers
- Construction equipment
- Sandblasting
- Storage tanks
- Plant maintenance
- Barges/ships
- Marine industry
- Bridges



Hydraulic Tools



Chain Saw - CS11



Diamond Saw - DS11

Model	Steel Capacity	Weight	Inlet Flow Range	Inlet Pressure	Optimum Flow	Connector
BR45	1 x 4.5" Hex	45 lbs	7-9 gpm	1500 -2000 psi	8 gpm	3/8" MPT
BR67	1.125 x 6" Hex	67 lbs	7-9 gpm	1500 -2000 psi	8 gpm	3/8" MPT
BR87	1.125 x 6" Hex	80 lbs	7-9 gpm	1500 -2000 psi	8 gpm	3/8" MPT
CH15	2.5" x 6" Shank	24 lbs	7-9 gpm	1500 -2000 psi	8 gpm	3/8" MPT
CO23	10" Wheel	23 lbs	10-15 gpm	1500 -2000 psi	15 gpm	1/2" MPT
CS06	15 & 20" Bar	6.25 lbs	7-9 gpm	1000-2000 psi	8 gpm	3/8" MPT
CS11	24, 30, 36 & 43" Bar	14 lbs	10-14 gpm	1500 -2000 psi	14 gpm	1/2" MPT
DL07	1/2" Chuck	10 lbs	10 gpm max	2000 psi max	N/A	3/8" MPT
DS11	12, 15, 18" Bar	26 lbs	12 gpm max	2000 psi max	N/A	3/8" MPT
GR29	9" Wheel	15 lbs	4-10 gpm	1000-2500 psi	10 gpm	3/8" MPT
HD45	2" Dia or 4" Core	45 lbs	7-9 gpm	1500 -2000 psi	8 gpm	3/8" MPT
ID04	1/2" Square Drive	7.7 lbs	4-12 gpm	750-2000 psi	4-9 gpm	3/8" MPT
IW12	3/4" Square Drive	16 lbs	4-12 gpm	1000-2000 psi	N/A	3/8" MPT
IW16	1" Square Drive	26 lbs	7-12 gpm	1500 -2000 psi	N/A	3/8" MPT
IW24	1 1/2" Square Drive	43 lbs	7-12 gpm	1800-2000 psi	N/A	3/8" MPT
SK58	4.25" Shank x 1" Hex	67 lbs	7-9 gpm	1500 -2000 psi	9 gpm	3/8" MPT



Sinker Drill- SK58



Hammer Drill - HD45



Chipping Hammer - CH15



Drill - DL07



Hydraulic Tools



Impact Wrench - IW24



Impact Wrench - IW12



Impact Wrench - IW16



Grinder - GR29



Breaker - BR45



Cut Off Saw - CO23

Pumps

Model	Capacity	Weight	Inlet Pressure	Flow Range	Max. Flow	Connectors	Discharge Size
SM20	250 gpm	14 lbs	1000-2000 psi	4-9 gpm	9 gpm	3/8" MPT	2.5" FPT
SM21	300 gpm	20 lbs	1000-2000 psi	4-9 gpm	9 gpm	3/8" MPT	2.5" FPT
TP03	450 gpm	31 lbs	2000 psi	7-9 gpm	9 gpm	1/2" MPT	2.5" FPT
TP04	800 gpm	56 lbs	1500-2000 psi	12-16 gpm	16 gpm	3/4" FPT	2.5" MPT
TP08	800 gpm	59 lbs	2000 psi	7-9 gpm	9 gpm	1/2" MPT	4" Camlock



Trash Pump - TP03



Trash Pump - TP08



Dewatering Pump - SM21

Hydraulic Power

HU-012 & HU-014

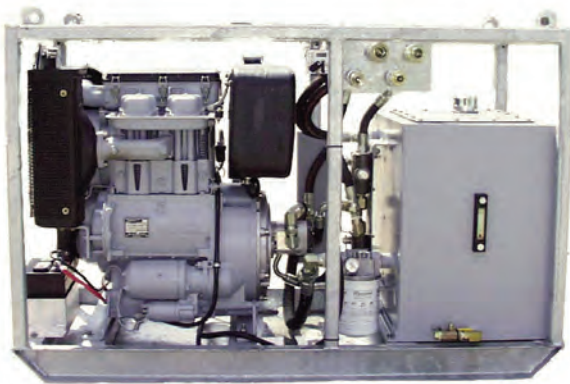
Rugged and reliable, the HU-012 & HU-014 are commercial grade hydraulic units built to withstand harsh offshore environments. The flow rates can operate most tools used by divers offshore or inland.

- 12 or 14 gpm at 2000 psi
- 20 gallon reservoir
- 2 gallon fuel tank
- 50 micron suction strainer
- Built-in flow control
- In-line flow meter
- Return filter
- 3000 psi gauge
- Heavy duty hydraulic gear pump
- Aluminum skid with drip pan
- Dimensions
 - Length - 48"
 - Width - 38"
 - Height - 43"
- Weight: 750 lb (full)



HU-012

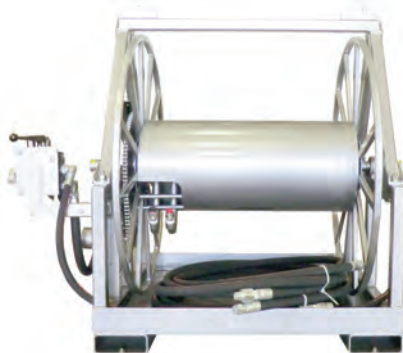
HU-020



HU-020

- 20 gallons per minute at 2000 psi
- 40 gallon reservoir
- 4 gallon fuel tank
- 125 micron suction strainer
- Built-in dual flow control
- Dual in-line flow meters
- Return filter
- **Dual circuit**
- 3000 psi gauge
- Heavy duty hydraulic gear pump
- Galvanized skid with drip pan
- 20 gpm @ 2000 psi
- Dimensions
 - Length - 60"
 - Width - 28"
 - Height - 43"
- Weight: 1500 lb (full)
- 4 point lifting eyes

Hose Reels



HHR-300WHD Holds 300' of hose, hydraulic drive
HHR-300WTLHD Above reel with 300' of twin-line hose

HHR-600WHD Holds 600' of hose, hydraulic drive
HHR-600WTLHD Above reel with 600' of twin-line hose

Features:

- Coated steel construction
- Single lift point
- Forklift slots
- Rotating assembly

Hydraulic Hose



HHTL-1"-3/4"-3S 300' twin-line hydraulic hose, 1" return, 3/4" supply

HHTL-1"-3/4"-6S 600' twin-line hydraulic hose, 1" return, 3/4" supply

Features:

- Top-side fittings cad-plated steel
- Diver-side fittings stainless steel

Hydraulic Whip Options: 3', 6', 10', 15' and 25'

Divers Supply, Inc.

Phone: 888-221-8120 • Fax: 504-392-3920

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UNDERWATER LIFT BAGS ***ENGINEERED FROM THE BOTTOM UP!***

UNDERWATER FLOTATION SYSTEMS

WATER WEIGHT TEST BAGS

PIPE PLUGGERS

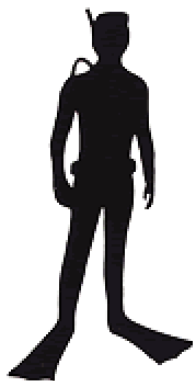
FEND-AIR

INFLAT-A-TANK

AIRCRAFT LIFT BAGS

INNOVATORS IN BUOYANCY AND ENGINEERED INFLATABLES

SUBSALVE USA CORPORATION P.O. BOX 2030, North Kingstown, RI 02852, USA
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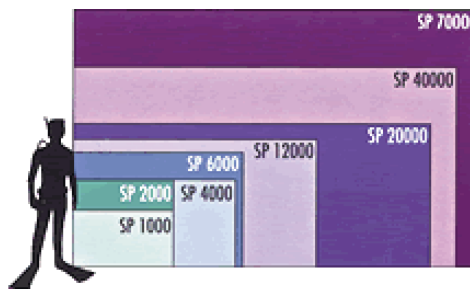
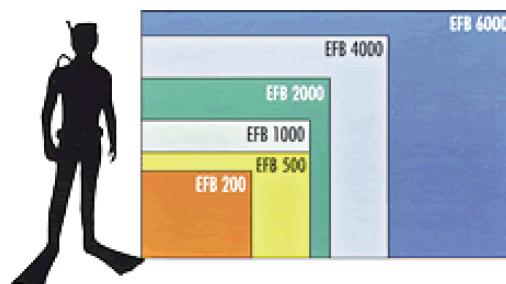
Commercial Lift Bags

Subsalve USA commercial lift bags are designed to be used easily by a single diver. Light in weight, yet tough enough to last a lifetime; for use in light salvage, object recovery, construction and scientific applications. These bags are really suited to remote locations or deployment from small craft.

Subsalve USA commercial lift bags are manufactured from heavy duty nylon fabric coated with urethane providing high strength and abrasion resistance as well as resistance to most petro-chemicals. Commercial lift bags have 6000 lb test, treated nylon lift straps sewn directly to the bottom on the bag and have a safe working ratio exceeding 6-1.

Enclosed Flotation Bags

Subsalve USA enclosed flotation bags adapt to a broad range of flotation requirements. The totally enclosed "pillow" shape allows for the use of the bag in any position, upright, flat, outside or inside of structures. Due to the multiple rigging combinations, EFB's allow for objects to be floated close to the surface. EFB's are perfect for vessel salvage, automobile recovery and emergency flotation systems for ships, aircraft, submersibles and ROV's.



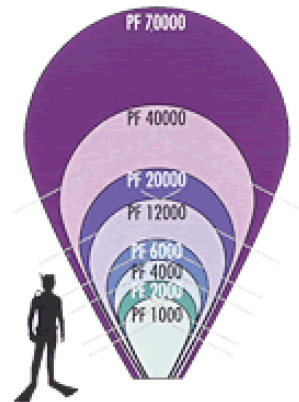
Salvage Pontoons

Subsalve USA salvage pontoons are the most versatile and easy to use lift bags available. The unique design has been mathematically proven to provide maximum lifting capacity with the least bag weight. This design also provides for even distribution of stress over the fabric surface.

Professional Lift Bags

Subsalve USA professional lift bags are the most versatile and easy to use lift bags available. This style of bag is principally a balloon shape with a single attachment point, making these bags easy to use in construction, heavy and light salvage and many offshore tasks. The unique design has been mathematically proven to provide maximum lifting capacity with the least bag weight. This design also provides for even distribution of stress over the fabric surface.

Subsalve USA professional lift bags are manufactured from heavy duty ballistic rated nylon fabric coated with urethane. This special coated fabric has high strength, is highly abrasion resistant and is not affected by most petro-chemicals. Professional lift bags with a rating of 3 tons and over are designed with a heavy duty nylon webbing lift harness located in the skin of the bag. On these large bags, the load is born by the lift harness, which has a safe working load ratio of 6-1.



Lift Bags

Commercial Lift Bags

Model	C-100	C-200	C-500
Lift Capacity	120 lbs 55 kgs	220 lbs 100 kgs	550 lbs 250 kgs
Diameter	1' 4" 0.41m	1' 10" 0.56m	2' 5" 0.74m
Overall Height	2' 6" 0.77m	3' 0" 0.93m	3' 7" 1.11m
Weight	5.0 lbs 2.47 kgs	7.0 lbs 3.17 kgs	12.0 lbs 5.44 kgs



Enclosed Flotation Bags

Model	EFB-200	EFB-500	EFB-1000	EFB-2000	EFB-4000	EFB-6000
Lift Capacity	220 lbs 100 kgs	550 lbs 250 kgs	1100 lbs 500 kgs	2200 lbs 1000 kgs	4400 lbs 2000 kgs	6600 lbs 3000 kgs
Diameter	2' 5" 0.74m	2' 8" 0.82m	3' 8" 1.13m	4' 7" 1.41m	5' 9" 1.77m	6' 4" 1.93m
Overall Height	3' 2" 0.97m	4' 3" 1.31m	4' 3" 1.31m	5' 0" 1.54m	6' 3" 1.97m	9' 4" 2.87m
Weight	12.0 lbs 5.4 kgs	20.0 lbs 9.1 kgs	32.0 lbs 14.5 kgs	50.0 lbs 22.7 kgs	70.0 lbs 31.7 kgs	90.0 lbs 40.8 kgs



Salvage Pontoons

Model	SP-1	SP-2	SP-4	SP-6	SP-12	SP-20	SP-40	SP-70
Lift Capacity	1100 lbs 500 kgs	2200 lbs 1000 kgs	4400 lbs 2000 kgs	6600 lbs 3000 kgs	13200 lbs 5500 kgs	22000 lbs 10000 kgs	44000 lbs 20000 kgs	77000 lbs 35000 kgs
Diameter	2' 4" .89m	3' 8" 1.13m	3' 8" 1.36m	4' 5" 1.56m	5' 4" 1.79m	5' 9" 2.38m	7' 8" 3.07m	10' 0" 3.69m
Overall Height	4' 0" 1.44m	5' 4" 1.62m	6' 6" 2.41m	6' 8" 2.77m	10' 0" 3.33m	13' 6" 4.10m	15' 1" 6.16m	15' 6" 6.77m
Weight	30.0 lbs 13 kgs	50.0 lbs 22 kgs	80.0 lbs 36 kgs	97.0 lbs 44 kgs	140.0 lbs 64 kgs	190.0 lbs 86 kgs	375.0 lbs 173 kgs	425.0 lbs 193 kgs



Professional Lift Bags

Model	PF-1	PF-2	PF-4	PF-6	PF-12	PF-20	PF-40	PF-70
Lift Capacity	1100 lbs 500 kgs	2200 lbs 1000 kgs	4400 lbs 2000 kgs	6600 lbs 3000 kgs	12200 lbs 5500 kgs	22000 lbs 10000 kgs	44000 lbs 20000 kgs	77000 lbs 35000 kgs
Diameter	2' 11" .89m	3' 8" 1.13m	4' 6" 1.36m	5' 1" 1.56m	5' 10" 1.79m	7' 9" 2.38m	10' 0" 3.07m	12' 0" 3.69m
Overall Height	4' 8" 1.44m	5' 3" 1.62m	7' 10" 2.41m	9' 0" 2.77m	10' 10" 3.33m	12' 2" 4.10m	16' 9" 6.16m	21' 6" 6.77m
Weight	17.0 lbs 7.7 kgs	30.0 lbs 13.6 kgs	50.0 lbs 22.7 kgs	80.0 lbs 36.3 kgs	125.0 lbs 56.7 kgs	190.0 lbs 86.2 kgs	350.0 lbs 158.7 kgs	410.0 lbs 186.9 kgs



Helmets



SuperLite 17B

500-010 Helmet, Bare Wire Comms
500-011 Helmet, Waterproof Comms



SuperLite 27

500-040 Helmet, Bare Wire Comms
500-041 Helmet, Waterproof Comms



Kirby Morgan 37

500-050 Helmet, Bare Wire Comms
500-051 Helmet, Waterproof Comms



Kirby Morgan 47

500-070 Helmet, Bare Wire Comms
500-071 Helmet, Waterproof Comms



Kirby Morgan 57

500-080 Helmet, Bare Wire Comms
500-081 Helmet, Waterproof Comms



Kirby Morgan 77

500-090 Helmet, Bare Wire Comms
500-091 Helmet, Waterproof Comms



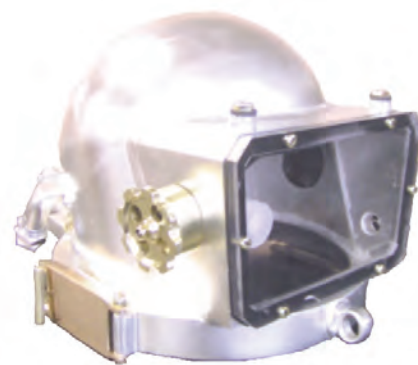
Kirby Morgan 37SS

500-100 Helmet, Bare Wire Comms
500-101 Helmet, Waterproof Comms



Kirby Morgan 97

500-700 Helmet, Bare Wire Comms
500-701 Helmet, Waterproof Comms



Desco "Pot" Air Hat

61000 Helmet, Bare Wire Comms,
 Double Exhaust



Masks



KMB 18B & 28B Band Masks

500-025 KMB-18B, Bare Wire Comms
500-026 KMB-18B, Waterproof Comms

500-028 KMB-28B, Bare Wire Comms
500-029 KMB-28B, Waterproof Comms



EXO-26 Full Face Mask

300-036 Balanced, No Comms
300-037 Balanced, Bare Wire Comms
300-038 Balanced, Waterproof Comms



OTS Guardian Full Face Mask

GRD-BU-1 Guardian Mask, Black Skirt,
 Blue Frame, ABV, Hose

GRD-BU-EMOTS2MM
 Guardian Mask, Black Skirt,
 Blue Frame, ABV, Hose,
 Communications with Marsh
 Marine Connector

(Alternate colors available)



Interspiro Divator Mask

MKII-G AGA MKII Divator Mask,
 Yellow Silicone



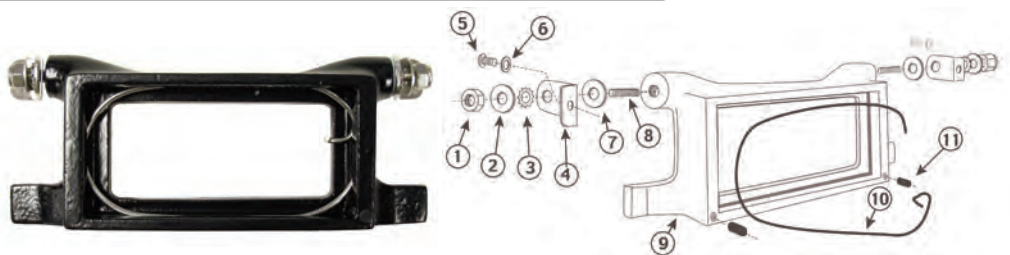
Desco Free Flow Mask

59069C Desco Free Flow Mask

Helmet Accessories

Welding Lens Assembly

The welding lens assembly, **525-403**, will fit on all Kirby Morgan helmets and bandmasks. The port retainers are supplied with two plug screws which are designed to protect the two threaded holes on the port retainer which are provided for the welding lens assembly.



Item	P/N	Description	Item	P/N	Description
1	530-320	Nut, Lock	7	520-030	Washer
2	530-535	Washer	8	550-025	Stud
3	530-408	Star Washer	9	560-046	Weld Lens Frame
4	540-030	Mount Ear	10	535-901	Snap Ring
5	530-210	Mount Screw	11	510-577	Bumper
6	530-527	Spacer			

Welding lens assemblies are designed to provide visual protection only.

Miller Welding Lens Assembly

The Miller welding lens assembly, **905-138** for Miller 400 helmets. The port retainers are supplied with two plug screws which are designed to protect the two threaded holes on the port retainer which are provided for the welding lens assembly. Requires use of frame **905-137**.



Manifold Block Assembly

The manifold block assembly, **300-150** with 9/16" O₂ fitting or **300-155** with #6 JIC fitting or **300-145** with standard scuba fitting provides a control point for your bailout supply when using a light weight full face mask like the EXO mask. It is equipped with an auxiliary valve, four low pressure outlets and a check valve.

KMB 18 & KMB 28 Hard Shell

The 18/28 hard shell, **520-026**, mounts on the standard spider (head harness). It provides a flat area at the top for mounting lights or television camera.

EXO Hard Shell

The EXO hard shell, **300-010**, mounts easily on all models of the EXO mask. It provides reinforced areas at the top for mounting lights or small video cameras.



Overpressure Relief Valve

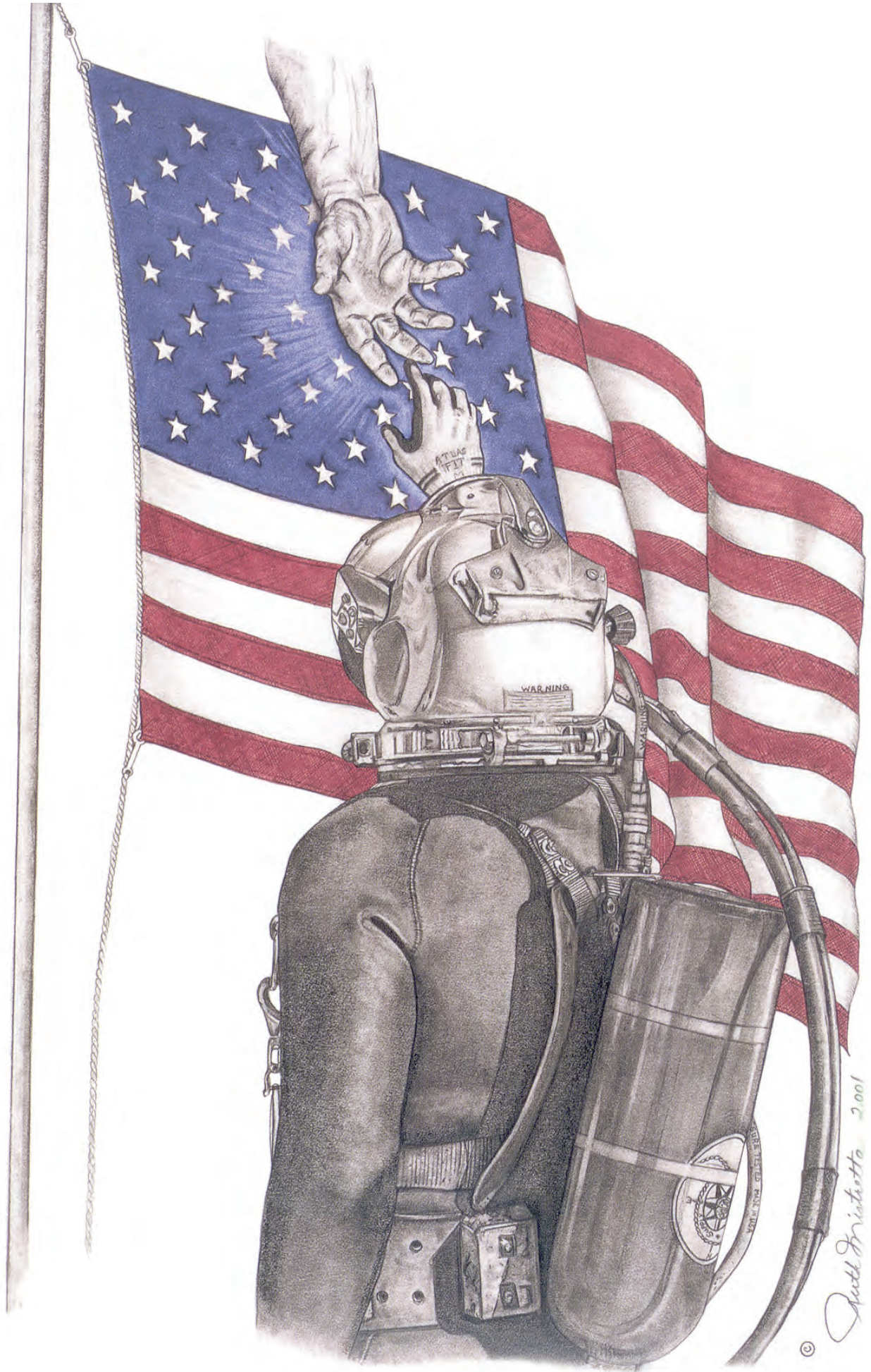
The overpressure relief valve, **200-017** is factory adjusted to vent any time the pressure in the low pressure hose connecting the bailout bottle to your emergency valve exceeds 200 psi. It is installed in any of the low pressure ports in the first stage regulator.



Restriction Adapter

This adapter, KM P/N **555-210**, attaches to the L.P. accessories port on the "B" side block. In the event of an accidental hose break this adapter serves to restrict the flow of gas able to escape from the port. It should always be used if the hose does not have built in restriction.





In God We Trust

Helmet Kits

Communication Kits

315-201	Comm. Mod. Assy. with Posts, EXO Orig.
315-206	Comm. Mod. Assy. with MWP, EXO Orig.
315-210	Comm. Mod. Assy. with Posts, EXO Std/BR
315-215	Comm. Mod. Assy. with MWP, EXO Std/BR
515-023	Comm. Mod. Assy. with Posts, SL-17K/27 & KM-37/47/57/77/37SS
515-024	Comm. Mod. Assy. with MWP, SL-17K/27 & KM-37/47/57/77/37SS
515-030	Comms Set, SL-17A/B & KMB-18/28
515-033	Comms Set, SL-17K/27 & KM-47

Exhaust Kits

525-102	Double Exhaust, SL-17A/B/K & KMB 18
525-120	Double Exhaust, SL-27
525-122	Double Exhaust, MK-21
525-752	TriValve Exhaust Kit, SL-17A/B/K, KM-37 & KMB-18/28
525-759	QuadValve Exhaust Kit, SL-17A/B/K, KM-37/57

O-Ring Kits

525-019	O-ring Kit, SL-17K/27 & KM-37/57
525-301	O-ring Kit, SL-17A/B
525-303	O-ring Kit, KMB 18/28
525-306	O-ring Kit, KM-47
525-307	O-ring Kit, KM-77
525-308	O-ring Kit, KM-37SS

Regulator Kits

325-105	Superflow 1st Stage Regulator Rebuild
325-305	EXO Regulator Rebuild (Orig. & Std.)
325-310	EXO Regulator Rebuild (BR & MS)
325-321	Superflow 1st Stage Regulator Maintenance
325-323	Plastic 2nd Stage Regulator Rebuild
325-325	Metal 2nd Stage Regulator Rebuild
425-120	DCS-2A Regulator Kit
525-309	Helmet & Band Mask Rebuild
525-310	Regulator Rebuilt Kit, KM-47/77 & EXO-BR

Annual Kits

525-217	KM-57 Helmet
525-358	KMB-18/28 Band Mask
525-360	SL-17A/B Helmet
525-363	KM-37 Helmet
525-365	SL-27 Helmet
525-368	KM-47 Helmet
525-377	KM-77 Helmet
525-380	KM-37SS Helmet
925-350	Miller Soft Goods Kit

Tool Kits

325-630	EXO Tools with Pouch
325-650	EXO Deluxe Tool Kit
525-620	Superflow (350) Regulator Tools with Pouch
525-768	Rex Regulator Tool Kit with Pouch

Spares Kits

325-307	EXO Mask Spares (Orig. & Std.)
325-311	EXO Mask Spares (BR & MS)
525-216	KM-57 Overseas Spares
525-218	KM-57 Spares
525-317	SL-17 A/B Spares
525-319	KMB 18/28 Spares
525-325	SL-17 A/B Overseas Spares
525-327	KMB-18/28 Overseas Spares
525-333	SL-27 Spares
525-341	SL-27 Overseas Spares
525-347	SL-17K & KM-37 Spares
525-349	SL-17K & KM-37 Overseas Spares
525-371	KM-47 Spares
525-372	KM-47 Overseas Spares
525-378	KM-77 Spares
525-379	KM-77 Overseas Spares
525-382	KM-37SS Spares
525-382	KM-37SS Overseas Spares

Weight Kits

525-130	Front Weight, All SL-17's, MK-21
525-225	Diamond Weight, SL-27

Anode Kits

525-373	KMB-18/28
525-374	SL-17K/27 & KM-37/47/57
525-375	KM-77/37SS
525-376	SL-17A/B/C

Other Kits

325-025	Face Seal Cushion Kit, EXO-26
325-090	Oral Nasal Kit, EXO-26
325-095	Manifold Block Rebuild
325-625	Nose Block Device, Orig. EXO-26
525-100	Hot Water Shroud, Helmets/Band Masks
525-106	Swing Catch Retro Fit, SL-27
525-172	Mask Band Keeper Kit
525-230	Dry Suit Ring Kit
525-311	Sideblock Rebuild Kit, SL-17/27/37/47/57
525-313	Sideblock Rebuild Kit, KM-77/37SS
525-330	One Way Valve Kit
525-403	Weld Lens Kit, Helmets & Band Masks
525-717	Accessory Mounting Bracket, SL-17K

Regulator Adjustment Tool Kit

The regulator adjustment tool kit, **525-620**, is available for setting up and adjusting all SuperFlow and SuperFlow 350 regulators on your Kirby Morgan helmet or KMB band mask for maximum performance.



Still don't see what you are looking for?
Call us today for the latest selections of parts, kits
and accessories available...and in stock.

Harvey's Dry Suit

FLEX 1013V

The 7.0mm suit was designed to provide the diver with the most comfortable, entry-level suit possible. Constructed with the new FLEX® neoprene material, this suit affords the diver unparalleled durability, comfort, warmth, and dexterity at a far lower price.

- OEB heavy duty zipper
- Low profile, high performance SciTech valves
- Made from 7.0mm FLEX® for unbelievable mobility
- Dino-Hide® kneepads are four times tougher than standard nylon pads
- New “fin friendly” heavy duty vulcanized dry boots
- Kobalt Pro-Flex® neoprene seal system
- Available with optional latex seal system
- Available in both men's and women's sizes

NT1013V-xxx

(Add Size Code: -MED, -LGE, -XLG, -XXL for xxx)



Harvey's Neoprene Dry Suits Size Chart									
Men	XS	Small	Med	M Large	large	XL	2XL	3XL	4XL
Height	5' 5" - 5' 7"	5' 6" - 5' 8"	5' 7" - 5' 9"	5' 8" - 5' 10"	5' 9" - 5' 11"	5' 10" - 6' 0"	5' 10" - 6' 0"	5' 11" - 6' 1"	5' 11" - 6' 1"
Weight in lb	110 - 130	130 - 150	150 - 170	160 - 175	170 - 185	185 - 210	205 - 235	235 - 250	250 - 280
Stock Boot	8	8	9	10	10	11	11	12	13
Chest	35 - 37	37 - 38.5	38 - 40	40 - 42	42 - 45	43 - 46.5	45 - 49	47 - 50	50 - 55
Waist	29 - 31	31 - 32	32 - 34	33 - 35	34 - 37	36 - 40	38 - 42	41 - 46	45 - 50
Hips	33 - 35	35 - 36	37 - 38.5	38 - 40	39 - 40.5	40 - 43.75	41 - 45.5	45 - 47.5	47 - 51
Women's	XS	Small	Med	M Large	large	XL	2XL	3XL	
Height	5' 1" - 5' 3"	5' 1" - 5' 3"	5' 3" - 5' 5"	5' 4" - 5' 6"	5' 4" - 5' 6"	5' 5" - 5' 7"	5' 6" - 5' 8"	5' 6" - 5' 8"	
Weight in lb	90 - 105	105 - 120	115 - 130	125 - 135	135 - 155	155 - 175	175 - 195	195 - 225	
Stock Boot	6	7	7	8	8	9	9	9	
Chest	30 - 33	32 - 35	34 - 36.5	35 - 37	37 - 39	38 - 40.25	40 - 42.5	42 - 47	
Waist	25 - 27	25 - 28	27 - 30.5	29 - 32	30 - 33.5	33 - 35	35 - 38	40 - 44	
Hips	35 - 37	35 - 37	36 - 39	38 - 40	39 - 41	40 - 43	42 - 45	45 - 49	



Viking Rubber Dry Suits

Viking HD

The Viking HD is considered to be the industry standard for commercial diving worldwide. Built to withstand the rigours of diving in a harsh working environment. Whether the job is cleaning a ships hull, carrying out welding and inspection, or clearing a fouled propeller, the Viking HD is equal to these tasks and more.



- Blend of natural and synthetic rubbers (NR/EPDM), on a 2-way stretch knitted polyester lining
- Average material weight 1550 g/m²
- Easy to clean and repair
- Internal seams are stitched together with an elastic tape for security
- External seams are vulcanized (chemically bonded) with a 25 mm rubber tape
- Reinforced shoulders, front legs (knee to boot), around the boots and heavy duty zipper
- Latex HD cuffs are standard
- Glove ring systems available
- Optional neoprene, latex or rubber hoods
- Boot size options and safety boots available
- Each suit supplied with carry bag, repair kit, suspenders, and manuals

Viking HD Size Chart							
	Size	Height	Chest	Waist	Hip	Inside Leg	Boot
01	Medium	5'3"-5'8" 164-176 cm	35-42" 88-108 cm	34-36" 86-98 cm	36-41" 91-103 cm	29-31" 74-79 cm	10-11 US 43-44 EU
02	Large	5'8"-6'1" 176-188 cm	39-46" 100-116 cm	35-39" 88-100 cm	37-42" 94-106 cm	32-34" 82-87 cm	10-11 US 43-44 EU
03	XL	5'10"-6'3" 182-194 cm	42-49" 108-124 cm	36-41" 91-103 cm	38-42" 96-108 cm	35-37" 90-95 cm	10-11 US 45-46 EU
04	2XL	6'1"-6'5" 188-200 cm	46-52" 116-132 cm	38-43" 97-109 cm	41-46" 104-116 cm	37-39" 93-98 cm	10-11 US 45-46 EU
Viking HD Wide Size Chart							
	Size	Height	Chest	Waist	Hip	Inside Leg	Boot
01	Medium	5'3"-5'8" 164-176 cm	39-45" 98-114 cm	39-44" 100-122 cm	41-45" 103-115 cm	29-31" 73-78 cm	10-11 US 43-44 EU
02	Large	5'8"-6'1" 176-188 cm	42-48" 106-122 cm	40-45" 101-116 cm	42-46" 106-118 cm	31-33" 80-85 cm	10-11 US 43-44 EU
03	XL	5'10"-6'3" 182-194 cm	42-53" 108-134 cm	41-46" 104-116 cm	42-46" 106-118 cm	35-37" 89-94 cm	10-11 US 45-46 EU
04	2XL	6'1"-6'5" 188-200 cm	47-56" 120-142 cm	44-49" 113-125 cm	46-51" 118-130 cm	37-39" 93-98 cm	10-11 US 45-46 EU

All sizes refer to ACTUAL body size. Suits are manufactured with allowance for an undersuit. Sizes are only a guide, there is no substitute for trying a suit on to establish correct fit.

DRY SUIT STORAGE

First of all, make sure that the suit is dry.

Ensure that the zipper is open in order to reduce strain on the zipper teeth before storing the suit.

Lay the dry suit on its back on the floor. Turn the feet of the suit in towards each other, and roll the suit from the boots up. Fold the sleeves loosely across the body. Place the suit in the bag supplied with the suit, and store in a cool dry place, away from sunlight and away from devices that produce ozone, such as electric motors, heaters, radiators, compressors etc. Ozone will dramatically shorten the life of latex seals, and may affect the rubber suit material. Extreme cold will cause latex seals to become brittle.

Never store your rubber suit on a hanger.



Viking Rubber Dry Suits

Viking HDS



The Viking HDS sets the standard amongst vulcanized rubber drysuits. Made from the unique NITECS material, it provides unsurpassed protection against chemical permeation along with extreme durability against wear and tear.

- NITECS material is an HNBR rubber compound, coated onto a 2-way stretch knitted black polyester lining
- Average material weight 1050 g/m²
- Easy to clean and repair
- Internal seams are stitched together with an elastic tape for security
- External seams are vulcanized (chemically bonded) with a 25 mm rubber tape
- Reinforced shoulders, trouser area (around thighs down to knees and down the front of legs and over boots), and heavy duty zipper
- Latex PRO cuffs are standard
- HDS cuff ring system available
- Optional rubber hood
- Boot size options and safety boots available
- Each suit supplied with carry bag, repair kit, suspenders, and manuals



Viking HDS & Viking PRO Size Chart							
	Size	Height	Chest	Waist	Hip	Inside Leg	Boot
00	Small	5'1" - 5'6" 158-170 cm	35-39" 88-100 cm	29-34" 74-86 cm	30-35" 77-89 cm	27-29" 70-75 cm	6-7 US 38-40 EU
01	Medium	5'3" - 5'8" 164-176 cm	36-41" 92-104 cm	30-35" 77-89 cm	32-37" 82-94 cm	30-32" 77-82 cm	8-9 US 41-42 EU
02	Large	5'6" - 5'10" 170-180 cm	39-44" 100-112 cm	32-37" 82-94 cm	34-39" 87-99 cm	31-33" 80-85 cm	10-11 US 43-44 EU
03	XL	5'8" - 6'1" 176-188 cm	42-47" 108-120 cm	35-39" 88-100 cm	36-41" 92-104 cm	34-36" 86-91 cm	10-11 US 43-44 EU
04	2XL	6'0" - 6'5" 184-200 cm	44-49" 112-124 cm	38-43" 97-109 cm	40-45" 102-114 cm	36-38" 92-97 cm	11-12 US 45-46 EU
05	3XL	6'3" - 6'7" 194-206 cm	47-52" 120-132 cm	44-49" 113-125 cm	46-51" 118-130 cm	37-39" 93-98 cm	11-12 US 45-46 EU
Viking HDS & Viking PRO Wide Size Chart							
	Size	Height	Chest	Waist	Hip	Inside Leg	Boot
01	Medium	5'3" - 5'8" 164-176 cm	35-42" 88-108 cm	34-39" 86-98 cm	36-41" 91-103 cm	29-31" 74-79 cm	10-11 US 43-44 EU
02	Large	5'8" - 6'1" 176-188 cm	39-46" 100-116 cm	35-39" 88-100 cm	37-42" 94-106 cm	32-34" 82-87 cm	10-11 US 43-44 EU
03	XL	5'10" - 6'3" 182-194 cm	42-49" 108-124 cm	36-41" 91-103 cm	38-42" 96-108 cm	35-37" 90-95 cm	10-11 US 45-46 EU
04	2XL	6'1" - 6'5" 188-200 cm	46-52" 116-132 cm	38-43" 97-109 cm	41-46" 104-116 cm	37-39" 93-98 cm	11-12 US 45-46 EU

All sizes refer to ACTUAL body size. Suits are manufactured with allowance for an undersuit. Sizes are only a guide, there is no substitute for trying a suit on to establish correct fit.

Viking PRO



The Viking PRO is Ansell's biggest selling dry suit worldwide. Designed for flexibility and comfort in a wide range of applications. Vulcanized seams allow for peace of mind when diving under all situations.

- Blend of natural and synthetic rubbers (NR/EPDM), on a 2-way stretch knitted polyester lining
- Average material weight 1050 g/m²
- Easy to clean and repair
- Internal seams are stitched together with an elastic tape for security
- External seams are vulcanized (chemically bonded) with a 25 mm rubber tape
- Reinforced shoulders, trouser area (around thighs down to knees and down the front of legs and over boots), and heavy duty zipper
- Latex PRO cuffs are standard
- Glove ring systems available
- Optional latex, neoprene or rubber hoods
- Boot size options and safety boots available
- Each suit supplied with carry bag, repair kit, suspenders, and manuals



Viking Polyurethane Dry Suits

The Viking XTREME is manufactured from a lightweight polyurethane material, with reinforced knee pads fitted for additional protection. This material is easy to clean should it become contaminated. Seams are high frequency welded for ultimate strength and security. The XTREME is an ideal drysuit for sports/wreck diving and technical diving.

- Embossed single coated knitted fabric, with polyether polyurethane
- Average material weight 474 g/m²
- Easy to clean
- Internal seams are heat taped to hide the seam
- External seams are high frequency welded for security
- Polyurethane embossed knee pads are welded above and below the knees for additional protection
- Latex conical cuffs are standard
- Rubber or bayonet cuff ring system available
- Optional latex or rubber hood
- Each suit supplied with carry bag, repair kit, suspenders, and manuals

Viking XTREME



Viking HAZTECH & Viking XTREME Size Chart							
	Size	Height	Chest	Waist	Hip	Inside Leg	Boot
00	Small	5'3"-5'6" 162-170 cm	35-38" 90-96 cm	35-37" 89-95 cm	35-37" 88-94 cm	26-29" 66-73 cm	9 US 42 EU
01	Medium	5'5" - 5'8" 168-176 cm	37-39" 94-100 cm	36-39" 93-99 cm	36-38" 92-98 cm	27-30" 68-75 cm	10 US 43 EU
02	Large	5'8" - 5'10" 177-185 cm	38-41" 98-104 cm	38-40" 97-103 cm	37-40" 96-102 cm	29-32" 74-81 cm	11 US 44 EU
03	XL	6'0" - 6'3" 185-193 cm	41-43" 104-110 cm	40-43" 103-109 cm	38-41" 98-104 cm	31-34" 80-87 cm	12 US 45-46 EU
04	2XL	6'3"-6'6" 193-203 cm	42-45" 108-114 cm	42-44" 107-113 cm	40-43" 102-108 cm	34-37" 86-93 cm	13 US 47 EU
Viking HAZTECH & Viking XTREME Wide Size Chart							
	Size	Height	Chest	Waist	Hip	Inside Leg	Boot
00	Small	5'3"-5'6" 162-170 cm	39-42" 100-106 cm	39-41" 99-105 cm	38-40" 96-102 cm	26-29" 66-73 cm	9 US 42 EU
01	Medium	5'5" - 5'8" 168-176 cm	41-43" 104-110 cm	40-43" 103-109 cm	39-42" 100-106 cm	27-30" 68-75 cm	10 US 43 EU
02	Large	5'8" - 5'10" 177-185 cm	42-45" 108-114 cm	42-44" 107-113 cm	41-43" 104-110 cm	29-32" 74-81 cm	11 US 44 EU
03	XL	6'0" - 6'3" 185-193 cm	45-47" 114-120 cm	45-47" 115-121 cm	42-44" 106-112 cm	31-34" 80-87 cm	12 US 45-46 EU
04	2XL	6'3"-6'6" 193-203 cm	46-49" 118-124 cm	46-48" 117-123 cm	43-46" 110-116 cm	34-37" 86-93 cm	13 US 47 EU

All sizes refer to ACTUAL body size. Suits are manufactured with allowance for an undersuit. Sizes are only a guide, there is no substitute for trying a suit on to establish correct fit.



Viking HAZTECH

Viking HAZTECH is a lightweight robust suit for diving in hazardous water conditions, particularly where there may be a danger of heat exhaustion in warm water or hot climatic conditions.

- Thermoplastic polyurethane outer layer in red, single coated onto a black knitted nylon fabric
- Average material weight 483 g/m²
- Easy to clean
- A seam tape is heat applied to the inside of the seams
- External seams are high frequency welded for maximum strength and safety
- Black welded reinforcements are applied to shoulders, elbows and knees; medium duty zipper is HF welded across shoulders
- Latex PRO cuffs are standard
- Rubber or bayonet cuff ring system available
- Optional latex or rubber hood or yoke
- Boot size options and safety boots available
- Each suit supplied with carry bag, repair kit, suspenders, and manuals



Dry Suit Accessories



**Drysuit gloves are on
page 104.**

***Don't see what you need?
Call us for more specialized
accessories & repair parts.***

- | | | |
|----|-----------|--|
| A. | 72191000 | Valve Port |
| B. | 72190506 | Exhaust Valve |
| C. | 72190610 | Inflator Valve |
| D. | 72190700 | Inflation Hose |
| E. | 117260001 | Blank Plug |
| F. | 111120001 | Heavy Duty Cuff, Sold Individually |
| | 111407001 | Pro Cuff, Sold Individually |
| G. | 72182100 | Outer Rubber Ring, Sold Individually |
| H. | 72932150 | Inner Plastic Ring, Sold Individually |
| I. | 111320001 | Hood, Latex |
| J. | 111330001 | Neckseal, Latex |
| K. | 112270001 | Neck Yoke, Red, SL-27/17K/37/47/57/77/37SS |
| L. | 112354001 | Neck Yoke, Black, SL-17A/B |
| M. | 112362201 | Neck Yoke, Black, Desco |
| N. | S40031 | Bellows Neck Seal, Latex |



Dry Suit Accessories



- A. PW190 Pile Wear (Woolies), 1 Piece, 23 oz
- PW190-4X Super Extra Large
- B. 49540X Arctic Plus Undergarment, Thinsulate/Polartec,
- Sizes 00-05
- C. 49520X Comfort Plus Undergarment,
- Thinsulate/Polartec, Sizes 00-05
- D. PW710 Booties, Pile Wear, S-XL
- E. 49740X Booties, Arctic Plus, Thinsulate/Polartec,
- Size 00-05
- F. 69639800 Suspenders
- G. 76602500 Hood Liner

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COMMERCIAL DRYSUITS
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DECONTAMINATION SYSTEMS
DIVEWEAR INSULATION
ELECTRICALLY HEATED INSULATION



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Hot Water Suits & Accessories



- | | | |
|----|-----------|---|
| A. | 190010 | Hot Water Suit, DUI,
MR, MT, LR, LT, XLR, XLT, XXLR |
| B. | V-HWS | Viking VSN Hot Water Suit
(add size code: -SR, -MR, -MT, -LR, -LT, -XLR, -XLT, -XXLR, -XXLT) |
| C. | L535 | Lycra Wet Suit |
| D. | BPHC-8-8F | QD Coupler, 1/2" NPT Female, Brass |
| E. | 241233 | Hot Water Gloves, Dives, M-XL |
| F. | 720024 | Hot Water Booties, Divex, M-XL |
| G. | 525-100 | Hot Water Shroud Kit |



Wet Suits & Hoods



- A. 8306-XX 3 mm Neoprene Jumpsuit, S-XXL
- B. JUMPSUIT7MM 7 mm Thermoprene Jumpsuit
(add Size Code: -MED, -LGE, EXL, -XXL)
- J1056 1 mm Neoprene Jumpsuit, S-XXL
- C. WTST PANTS 7 mm Farmer John Bottom Only
(add size code: -S, -M, -L, -XL, -2XL, -3XL, -4XL)
- D. WTST TOP 7 mm Step-in Top Only
(add size code: -S, -M, -L, -XL, -2XL, -3XL, -4XL)
- E. MTM711 3 mm Neoprene Short Sleeved Shorty, S-XXL
- F. MXD212 3 mm Neoprene Hooded Vest S-XXL
- G. MXD112 3 mm Neoprene Vest, S-XXL
- H. HOOD7-BIB 7 mm Neoprene Cold Water Hood with Bib, S-XL
- I. HOOD7 7 mm Neoprene Hood, S-XL



Custom suits available.



Chafing Gear

A



B



C



A. CHAPS

Chaps

- 1000 Denier Ripstop Cordura
- Nylon with Polypro Webbing, Pockets with Velcro Closure & Brass Grommets

B. BO1000

Bib Overalls

- 1000 Denier Ripstop Cordura
- Nylon with Polypro Webbing, Pockets with Velcro Closure & Brass Grommets

C. 6FB

Duck Bib Overalls

- 12 oz., firm-hand, 100% cotton duck with plied yarns
- Water repellant (retreat after washing)
- High back with elastic suspenders
- Large bib pocket with snaps & traditional watch pocket
- Two quarter top pockets at waist & coin pocket in right front
- Reinforced back pockets
- Right leg has tool pockets; left leg has hammer loop & ruler pocket
- Metal rivets at vital stress points; double knees with cleanout bottom

D. RG200

Rash Guard Shirt

D



Carhartt



Inseam	Waist
28	—, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48
30	28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54
32	28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60
34	28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54
36	—, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50

Gloves



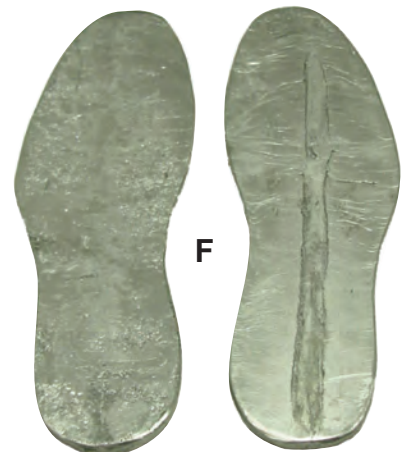
- A. BDG Blue Palm Dive Gloves, S-L, Pair
BDG-XL XL, Pair
- B. BDGF Blue Palm Dive Gloves, Full Dipped
BDGF-XL XL, Pair
- C. BKG Blue Palm Dive Gloves, Kevlar, S-L, Pair
BKG-XL XL, Pair
- D. HBG Heavy Duty Neoprene Rubber, Black Burning
Gloves, Pair
- E. 2400 3 mm Neoprene, Five Finger, Wet Suit Gloves,
M-XL, Pair
- F. 2460 5 mm Neoprene, Five Finger, Wet Suit Gloves,
M-XL, Pair
- G. 2631 7 mm Neoprene Three Finger Mitts with V-Lok
Gauntlet, M-XL, Pair
- H. T-40 Five Finger Latex Rubber Dry Suit Glove,
Size 10-11
- I. TORGLOVE Cuff Ring Set with Latex Gloves & Liners, Field
Installable Dry Suit Glove Set, Pair
- J. 114550001 Liners, Pair



Footwear



- | | | |
|----|------------|---|
| A. | 9467 | 5 mm Neoprene Boot with Rubber Heel Cap, Toe Cap & Sole |
| B. | 9491 | 7 mm Neoprene Boot with Molded Sole & Arch Support |
| C. | 9785 | 3 mm Neoprene Sock Bootie |
| | TB4 | 5 mm Neoprene Sock Bootie |
| D. | 86802-16 | Steel Toe & Shank 16" Tall Safety Boot, Sizes 8-13 |
| E. | 86104 | Steel Toe & Shank Ankle High Safety Boot, Sizes 8-13 |
| F. | LEADINSERT | Lead Insole, 10 lb. Pair |



Bail Out Whips & Parts



- | | | |
|----|-------------|---|
| A. | BW-8 | 8" Helmet End Bailout Whip, 1/4" Male NPT Brass Barb Fitting |
| B. | BW-32 | 32" First Stage End Bailout Whip 1/4" Male NPT Brass Barb Fitting |
| C. | H001 | 40" Scuba Whip |
| D. | H002 | 40" Bailout Whip with Brass Q.D. Includes Items A, C, J & M |
| E. | H003 | 40" Bailout Whip with S/S Q.D. Includes Items A, C, G & I |
| F. | AA75 | 50" Spiral Air Hose Wrap |
| G. | 82501 | Hose Protector |
| H. | SSH2-62Y | S/S Quick Coupler, Female Socket, 1/4" Female NPT |
| I. | SSH2-62Y-SL | S/S Quick Coupler, Female Socket, 1/4" Female NPT, Locking Sleeve |
| J. | SSHH2-63Y | S/S Quick Coupler, Male Nipple, 1/4" Female NPT |
| K. | B23N | Brass Quick Coupler, Female Socket, 1/4" Female NPT |
| L. | B23N-SL | Brass Quick Coupler, Female Socket, 1/4" Female NPT, Locking Sleeve |
| M. | 3000SL | Brass Quick Coupler, Female Socket, 1/4" Female NPT |
| N. | BH3C | Brass Quick Coupler, Male Nipple, 1/4" Female NPT |
| O. | 927 | Brass O2 Dust Cap for Mask or Helmet Hose Fittings |



Custom whips available.

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Scuba Regulators & Accessories



- A. 1043-61 Conshelf XIV First Stage, Balanced Diaphragm
- B. SRB5305 Sherwood Magnum First Stage Regulator, Balanced Diaphragm
- C. PG100 1" Gauge, 5000 psi, 1st Stage Port
- D. 200-017 1st Stage Over-Pressure Relief Valve
- E. RP47 1st Stage Dust Cap
- F. RP95 Mouthpiece, Clear Silicone
- G. SS9902 Yellow Octopus 2nd Stage with 36" Whip, Sherwood Brut
- AA0340 Yellow Octopus 2nd Stage with 36" Whip, Apeks XTX20
- H. AP0330 1st & 2nd Stage Apeks Regulators, XTX20
- 1088-00 1st & 2nd Stage Conshelf XIV Regulators
- I. SCUBAG Submersible Pressure Gauge
- J. 2GSC Pressure & Depth Console
- 3GSC Pressure, Depth & Compass Console
- K. 93030-1 Scuba Block x 1/4" NPT Female
- L. 57315 Adapter, 3/8" LP 1st Stage Male Threads x 1/4" NPT Male
- M. 57250 Adapter, 3/8" LP 1st Stage Male Threads x 1/4" NPT Female
- N. AA48 Adapter, 1/2" LP 1st Stage Male Threads x 3/8" LP 1st Stage Female
- O. 230-M 1st Stage Male Threads (with O-ring) x O2 Male
- P. AA54 Adapter, 3/8" LP 1st Stage Female Threads x 1/4" NPT Male
- Q. AA41 Adapter, 2nd Stage Male x BC Inflator Quick Disconnect
- R. AA56 Adapter, 360 Degree Swivel for 2nd Stage
- S. 57305 Adapter, 9/16" LP 2nd Stage Male Threads x 1/4" NPT Male

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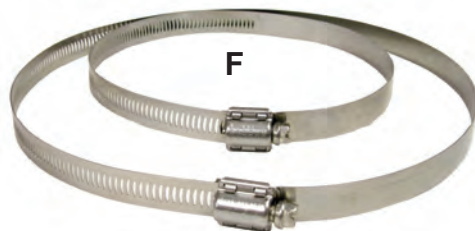
www.diverssupplyinc.com

Harnesses



- A. DE395K Arvest with Kam Pac & Quick Weight Release Pockets
- B. 900-04xK Easy Lift Harness, Black
900-04xB Easy Lift Harness, Blue
(add size code for x: 2=S, 3=M, 4=L, 5=XL)
- C. HHBP3-x Full Body Bell Backpack Harness with Adjustable Leg Straps
(add size code for x: S, M, L, XL, 2XL)
- D. HHBP1-x Bell Harness Back Pack with Shoulder Adjusters
(add size code for x: M, L, XL)
- E. 900-085B Bell Harness Jock Strap
- F. 128 Stainless Steel Clamp for 50 cu.ft. Bail Out Bottle
88 Stainless Steel Clamp for 30 cu.ft. Bail Out Bottle

All harnesses with leg straps meet or exceed the new ADC Consensus Standards 6th Edition

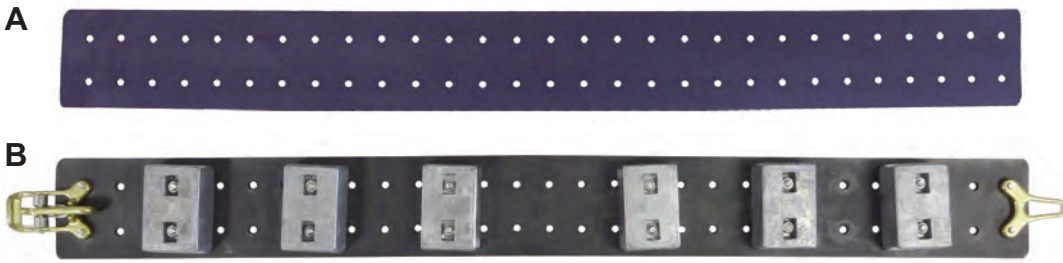


Clips & Shackles



- | | | |
|----|-------------|--|
| A. | HRD001 | Large S/S Carabiner with Eye, 4-3/4" |
| B. | S0143-0120 | Large S/S Carabiner with Eye and Special Gate, 5" |
| C. | HRD003 | Large S/S Carabiner, 4-3/4" |
| D. | HRD002 | Small S/S Carabiner with Eye, 3-1/4" |
| E. | HRD004 | Small S/S Carabiner 3-1/4" |
| F. | 251-3 | #3 Brass Swivel Clip |
| G. | 251B-2 | #2 Brass Swivel Clip |
| H. | HRD011 | #3 Brass Swivel Clip with Nylon Strap |
| I. | LANYARD | 4-1/2" Braided Tarred Twine Lanyard |
| J. | NF11000S-L | S/S Quick Release Shackle with Swivel Bail, 3-1/8" L, 5000 lb. Pull with 4-1/2" Braided Tarred Twine Lanyard |
| K. | NF1017 | Large S/S Shackle |
| L. | NF1016 | Small S/S Shackle |
| M. | KNG-511-SSL | XL S/S Screw-Lock Carabiner, 4-1/2", 7840 lb. Pull |
| N. | HRD006 | Small S/S Quick Link |
| O. | HRD005 | Large S/S Quick Link |
| P. | HRD018 | 2" S/S D-Ring |
| Q. | NF15000S | Large S/S Quick Release Shackle with Swivel Bail, 3-3/4" L, 7000 lb. Pull |
| R. | 8121 | Large S/S Quick Release Shackle with Swivel Bail, 3-5/8" L |
| | NF11000S | S/S Quick Release Shackle with Swivel Bail, 3-1/8" L, 5000 lb. Pull |
| | NF11010 | Snap Shackle Repair Kit |

Commercial Weight Belts & Parts



- | | | |
|----|-----------|--|
| A. | C002 | 48" Commercial Belt Blank |
| | C001 | 44" Commercial Belt Blank |
| B. | C001-30 | 30 lb. Commercial Weight Belt, 44", Brass Buckle |
| | C002-30 | 30 lb. Commercial Weight Belt, 48", Brass Buckle |
| | C002-40 | 40 lb. Commercial Weight Belt, 48", Brass Buckle |
| C. | C006B | Commercial Weight Belt Buckle, Brass |
| D. | C006S | Commercial Weight Belt Buckle, S/S |
| E. | WBBP | S/S Commercial Weight/Buckle Backing Plate |
| F. | C008 | 8 lb. Commercial Weight |
| G. | C005 | 5 lb. Commercial Weight |
| H. | C001-30SP | 30 lb. Commercial Weight Belt, 48", S/S Buckle, Plastic Coated Weights |
| | C001-30S | 30 lb. Commercial Weight Belt, 48", Brass Buckle, Non-coated Weights |
| I. | 900-090 | Commercial Weight Belt Harness with S/S Keepers |
| J. | MWBK | S/S Keepers for Commercial Weight Belt Shoulder Harness |
| K. | C004 | 2" S/S Screw for 8 lb. Weight |
| L. | C009 | 1-3/4" S/S Screw for 5 lb. Weight |
| M. | C012 | S/S Screw for Commercial Buckle |
| N. | C011 | S/S Nut for Commercial Weight |
| O. | WB95 | 3.5 lb. Ankle Weight Set |
| P. | 74100 | 10 lb. Ankle Weight Set |

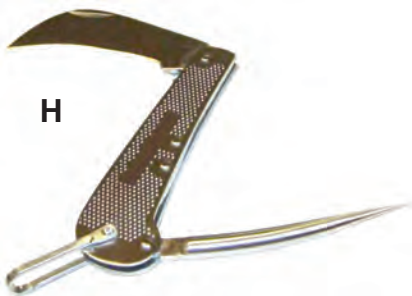
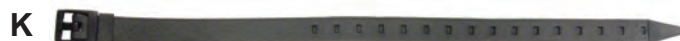


Scuba Belts, Buckles & Weights



- | | | |
|----|-------------|---|
| A. | WB36 | Scuba Weight Belt with Plastic Scuba Buckle |
| | WB26 | Scuba Weight Belt with S/S Scuba Buckle |
| B. | WB30 | Plastic Scuba Weight Belt Buckle |
| C. | WB54BLK | Plastic Scuba Weight Keeper |
| D. | WB21 | S/S Scuba Weight Belt Buckle |
| E. | WB52 | S/S Scuba Weight Keeper |
| F. | WIRE BUCKLE | S/S Wire Scuba Weight Belt Buckle Set |
| G. | 1505 | S/S Adjusters for 2" Nylon Webbing |
| H. | WB23 | Depth Compensating Weight Belt Buckle |
| I. | WB01 | 2" Nylon Webbing, Sold by the Foot |
| J. | S002 | 2 lb. Scuba Weight |
| K. | S003 | 3 lb. Scuba Weight |
| L. | S004 | 4 lb. Scuba Weight |
| M. | S005 | 5 lb. Scuba Weight |
| N. | S006 | 6 lb. Scuba Weight |
| O. | S008 | 8 lb. Scuba Weight |
| P. | S010 | 10 lb. Scuba Weight |
| Q. | 50080 | 8 lb. Scuba Weight Mold |

Knives



- | | | |
|----|---------|---|
| A. | 29228 | Mark V Diver's Knife |
| B. | 4226-00 | Master Knife, 7" Blade |
| C. | K001 | Navy MK3 Mod 0 Knife |
| D. | 8251 | Knife, 4" Blade, 316 S/S, Point Tip, Serrated |
| | 8261 | Knife, 4" Blade, 316 S/S, Blunt Tip, Serrated |
| E. | GRK-L | Green River Knife, 6.3" Blade, Blunt Tip |
| G. | K800-1 | Knife, 4 1/2" Blade, Blunt Tip, Serrated |
| H. | CKMAR | Cuttin' Horse Marlin Spike |
| I. | RP64 | Rubber Knife Keeper, Square End |
| J. | RP43 | Rubber Knife Keeper, Round End |
| K. | RP39 | Rubber Knife Sheath Strap |



Spyderco Knives



A

- A. C106Pxx Tasman Salt Knife, Hawksbill, 2 15/16"
Plain Blade
(add color code to end YL=yellow, BK =black)
- C106Sxx Serrated Blade (Yellow Handle Only)
(add color code to end YL=yellow, BK =black)



B

- B. C91Pxx Pacific Salt Knife, Point Tip, 3 13/16"
Plain Blade
(add handle color code to end YL=yellow, BK =black)
- C91BBK Plain Black Blade (Black Handle Only)
- C91SYL Serrated Blade (Yellow Handle Only)



C

- C. C89PYL Atlantic Salt Knife, Blunt Tip, 3 11/16"
Plain Blade (Yellow Only)
- C89Sxx Serrated Blade
(add color code to end YL=yellow, BK =black)



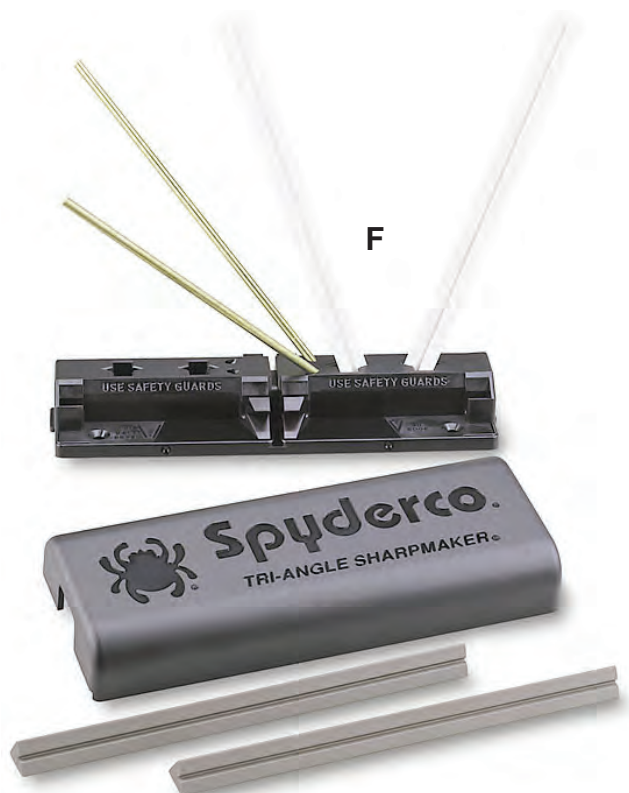
D

- D. BY17SBK Byrd Cara Cara Rescue Knife, Blunt Tip,
Serrated Blade, 4"
- K016 Rigged Byrd Cara Cara Rescue Knife, Blunt Tip,
Serrated Blade, 4"

- E. FB24SBK Jumpmaster Salt Knife, Blunt Tip, 4-1/2"
Serrated, Fixed Blade with Sheath
- F. 204MF Sharpener, Tri-angle Set



E



F

Strobe & Flashlights

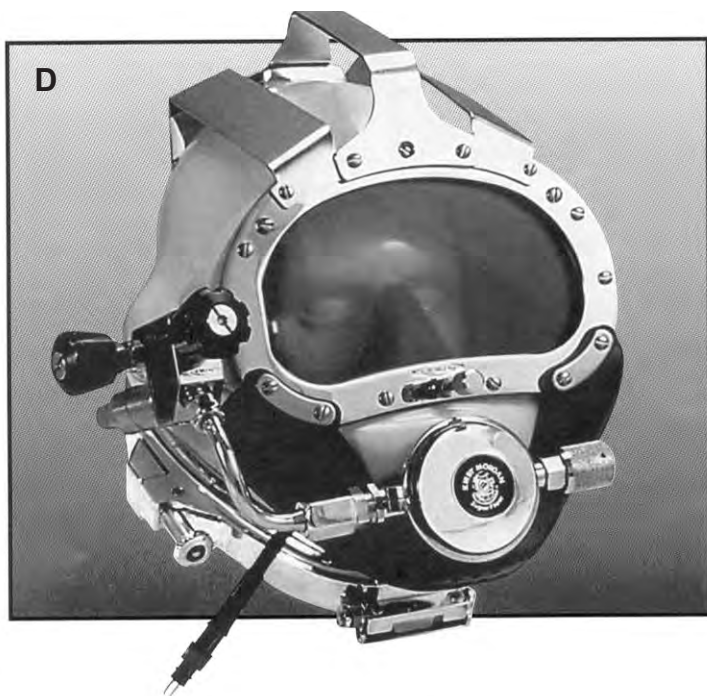
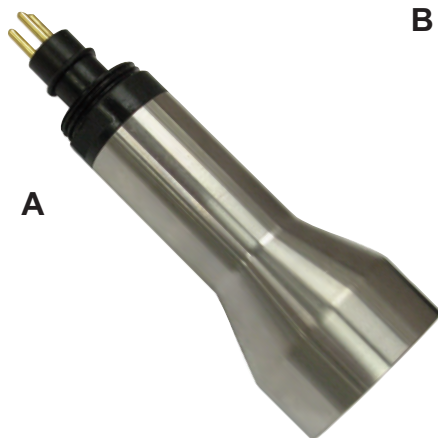


- | | | |
|----|-----------|--|
| A. | 1950A | MityLite, 2 AAA Batteries |
| | 1950 | MityLite Mini System with Batteries, Fiber Optic |
| | 1904 | 90 Cap, Red Bezel, Spare Bulb, Spring |
| | | Replacement Bulb, MityLite |
| B. | 2000N | Nemo 2000, Xenon, 3 C Batteries |
| | 2000LMS | Replacement Bulb, Nemo 2000 |
| | 2010N | Nemo 2010, LED, 3 C Batteries |
| C. | R8010-9 | SL4 Light, 4 C Batteries |
| | D8002-0 | Replacement Bulb, SL4 |
| D. | 1101 | Mini C Light, 4 C Batteries |
| | 0042.52 | Replacement Bulb, Mini C |
| E. | BL-5000 | Bottom Light II, 4 C Batteries |
| | HPR-50 | Replacement Bulb, Bottom Light |
| F. | R1410-9 | Mini Q 40 Light, 4 AA Batteries |
| | 14801 | Replacement Bulb, Mini Q 40 |
| G. | 3C-7800-4 | Light, Strobe, LED, Orange, 3 C Batteries, |
| | | 500 FSW/150 MSW |
| H. | 3C-7900-4 | Light, Strobe, LED, Black, 3 C Batteries, |
| | | 2000 FSW/770 MSW |

Replacement bulbs are listed below each light.



Helmet Lights



- | | | |
|----|-----------|--|
| A. | UWL-200 | Outland Light, S/S Housing, 120V/150W, 3 Pin Male |
| | 997B | Replacement Bulb, UWL-200 |
| | UWL-400 | Outland Light, Aluminum Housing, LED, 24V/35W, 3 Pin Male |
| B. | HL-2P-35P | Helmet Light, Luminous Delrin Housing, 12V/35W, 2 Pin Male |
| | FTD | Replacement Bulb, HL-2P-35W |
| C. | 5672 | Birns Snooperette, Choice of Lens & Bulb Wattage, 12V or 24V, Bracket Not Included |
| D. | 525-717 | Accessory Mounting Brackets Kit, SL-17K & 17C |
| E. | 44C-003 | Birns Helmet Light Bracket, Snooperette |
| F. | HMAB | Helmet Mount Accessory Bracket, SL-17K & SL-27 Port Weight Mount |
| G. | HM-300 | Helmet Mount Accessory Bracket, Superlite Face Port Mount |



Cylinders & Parts



- | | | |
|----|---------|--|
| A. | A080A | 80 cu.ft. Aluminum Cylinder with K-Valve, Clear Coat |
| B. | A050B | 50 cu.ft. Aluminum Cylinder with K-Valve, Clear Coat |
| C. | A030Y | 30 cu.ft. Aluminum Cylinder with K-Valve, Yellow |
| D. | A013Y | 13 cu.ft. Aluminum Cylinder with K-Valve, Yellow |
| E. | 0744-00 | 19 cu.ft. Aluminum Cylinder with K-Valve, Yellow |



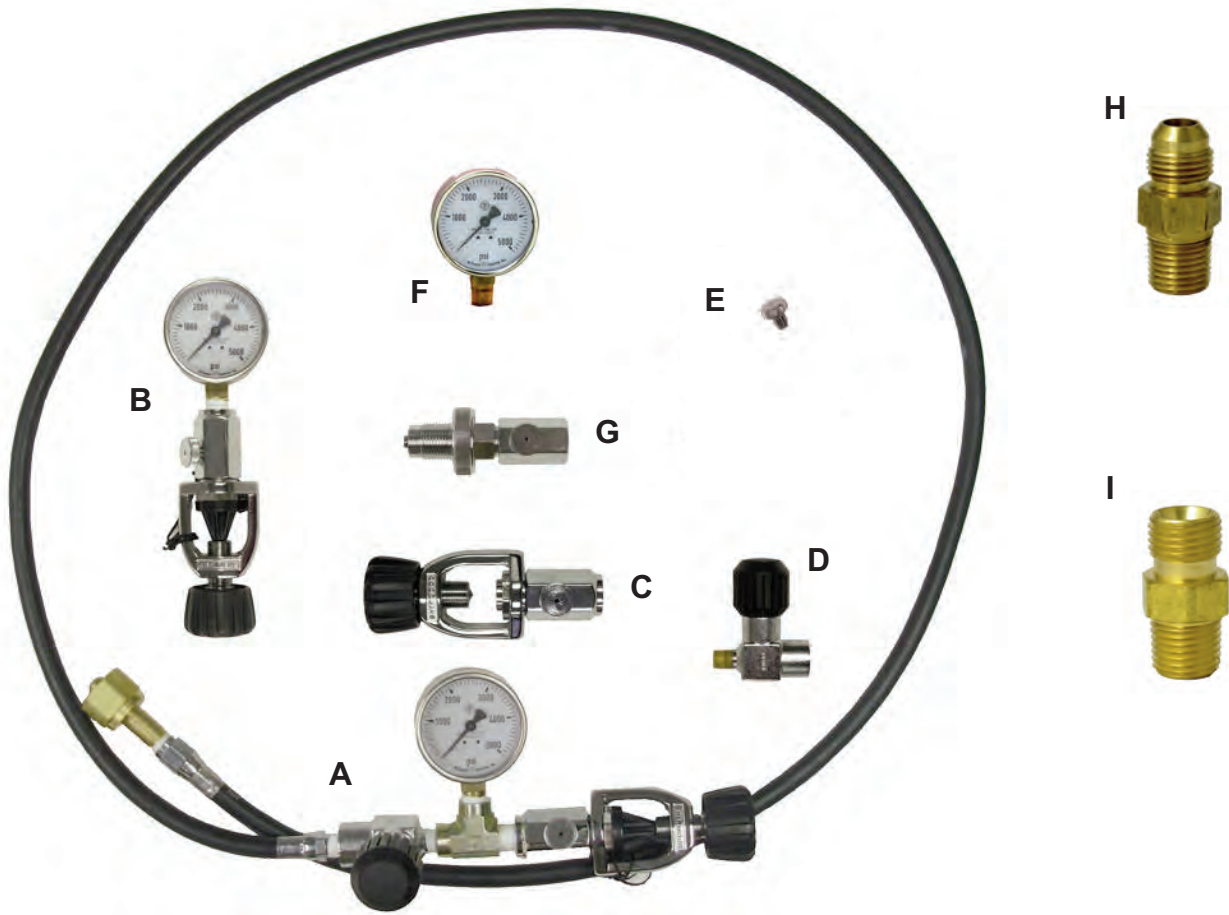
- | | | |
|----|-----------|---|
| F. | DV501N | Yoke/DIN Scuba Valve, 3000 psi |
| | VA200-30N | Yoke/DIN Scuba Valve, 3300 psi |
| G. | VA100 | K-Valve, Standard 3/4" O-ring Seal 3000 psi |
| H. | SVP | Scuba Valve Protector |
| I. | DIN-P-S/S | S/S DIN Plug, 3500 psi |
| J. | *TWIN 120 | Twin 120 cu.ft. Manifold with Backpack |
| K. | VM200-30A | Twin 50, 80, or 100 cu.ft. Manifold |



Other manifolds are available.



Valves & Adapters



- | | | | | | |
|----|----------|---|----|--------|---|
| A. | TFW | 6" Fill Whip with Valve, Yoke, Bleeder Screw, Gauge & CGA-346 Air Cylinder Connection | G. | 45183 | Male DIN Adapter with Bleeder Screw, 300 Bar |
| B. | TG5000 | Tank Pressure Gauge, 0-5000 psi, with Yoke & Bleeder Screw | H. | 6FTX-B | Adapter, #6 JIC Male x 1/4" NPT Male, Brass |
| C. | 0101-03 | Yoke & Bleeder Screw | I. | 32 | Adapter, O2 Male x 1/4" NPT Male, Brass |
| D. | YVA-3010 | Line Valve, 1/4" NPT Female In x 1/4" NPT Male Out, 6000 psi | J. | AA03 | Inflator Quick Couple Nipple x Air Gun |
| E. | 0100-14 | Bleeder Screw for Scuba Yoke & DIN | K. | AA02 | Inflator Quick Couple Nipple x Air Blower, Rubber Tip |
| F. | J70 | 5000 psi Gauge, 2.5", 1/4" NPT Male Connector, S/S Case, Brass Internals | L. | AA01 | Inflator Quick Couple Nipple x Tire Inflator |
| | | | M. | AA07 | Rubber Tip for AA02 |
| | | | N. | AA06 | Ball Inflator, Screws Into AA03 |
| | | | O. | AA04 | Inflator Quick Couple Nipple x 1/4" NPT Male |



Lubricants & Repairs



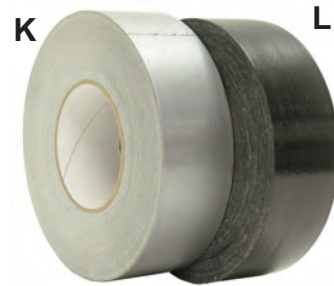
- | | | |
|----|-------------|--|
| A. | 20414 | Silicone Spray, 11.5 oz |
| B. | 22114 | Silicone Pump, 8 oz |
| C. | ZIP WAX | Zipper Wax, Max Wax, 3/4 oz |
| D. | 111D | Dow 111 Silicone Grease, 5.3 oz Tube |
| E. | 26414 | Silicone Grease, 1.5 oz Jar |
| F. | LP20 | Silicone Grease, 2 oz Jar |
| G. | MCG111 | Christo-Lube, O2 Compatible Grease, 2 oz Tube |
| H. | TWINE 21 | Tarred Splicing Twine, Size 21, 810' |
| | TWINE 72 | Tarred Splicing Twine, Size 72, 240' |
| I. | 300311 | Snap Tab Fastener Kit for SuperLite Head Liners, Chrome Plated Brass, 6 Sets |
| J. | *SEWING KIT | Sewing Kit for Neoprene |
| K. | 82-F1 | Scotchcast Kit, Flexible, 7.5 oz |
| | 2131B | Resin Refill, 7.5 oz |



Adhesives



- A. 10114 Aquaseal, 3/4 oz Tube
- B. SPLICING TAPE Rubber Splicing Tape
- C. SK 3M ScotchKote, 15 oz Can
- D. 11114 Cotel 240 (1/2 oz) Accelerator and Pre-cleaner & Aquaseal (3/4 oz) Kit
- E. 732 Dow 732 RTV Silicone Sealant, Clear, 3 oz Tube
- F. 14414 Wet Suit Cement, 4 oz Can
- G. 100900 Dry Suit Glue, 1 Pint
- H. 321100 Dry Suit Glue Hardener, 1 oz
- I. 071001200 Dry Suit Repair Kit, Red & Black Rubber
- J. TP002 TFE Teflon Tape, 1/2" x 520' Roll
- K. PC622 High Grade Duct Tape, 2" x 180', Gray Case of 24 Rolls, Per Roll
- L. PC621 High Grade Duct Tape, 2" x 180', Black Case of 24 Rolls, Per Roll
- M. TP003 Electrical Tape, Black, 3/4" x 60'
- TP011 Electrical Tape, White, 3/4" x 60'
- TP010 Electrical Tape, Yellow, 3/4" x 60'
- TP009 Electrical Tape, Red, 3/4" x 60'



L



Safety Accessories & Tools



A



B



C



D



E



F



G

- | | | |
|----|-----------|--|
| A. | SW152PCMI | Smith & Wesson "Magnum" Safety Glasses, Mirror Lens, Black Frame |
| | SW153CI | Smith & Wesson "Magnum" Safety Glasses, Clear Lens, Platinum Frame |
| B. | SW550CFFI | Smith & Wesson "Phantom" Safety Glasses, Clear Lens, Pewter Temples |
| | SW550ORI | Smith & Wesson "Phantom" Safety Glasses, Orange Lens, Copper Temples |
| C. | 475358 | Hard Hat, "V" Guard, Ratchet Adjust |
| D. | 475369 | Hard Hat, Full Brim, Ratchet Adjust |
| E. | FS-1H5 | Welding Lens, Shade #5 |
| | FS-1H6 | Welding Lens, Shade #6 |
| | FS-1H7 | Welding Lens, Shade #7 |
| | FS-1H8 | Welding Lens, Shade #8 |
| | FS-1H10 | Welding Lens, Shade #10 |
| | FS-2H10 | Welding Lens, Shade #10, Gold |
| F. | LIFE VEST | Work Vest, Orange, US Coast Guard Approval# 160.053/70/0 |
| G. | 10997443 | Auto Inflate Life Vest, Type III, PFD |
| | 8846917 | Re-arming Kit |
| H. | 9527017 | Light Stick, 6", 12 hr, Green |
| | | Quantity Discounts Available |
| I. | 54-120 | 6 Pc. Jewelers Screw Driver Set |
| J. | SB | S/S Shackle Breaker with Brass Clip, 8" |
| | SB-K | Knurled S/S Shackle Breaker with Brass Clip, 8" |



H



I



J



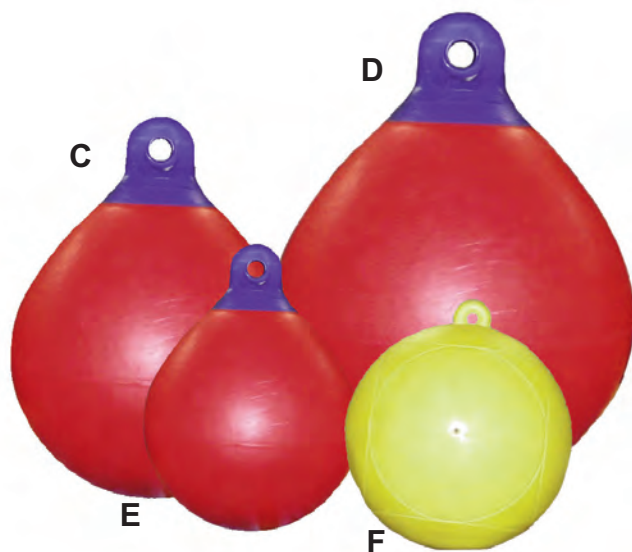
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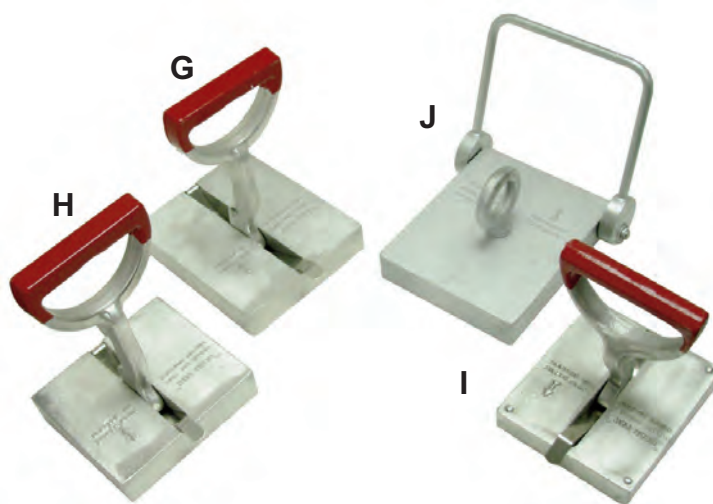
A. CFLG1 Alpha Dive Flag, 2' x 3'
CFLG2 Alpha Dive Flag, 3' x 5'

B. SLF Standard Diver Down Flag, 2' x 3'
SFL1 Diver Down Flag, 3' x 5'

Buoys



C. 46980 Norwegian Buoy, 40" Cir., 12" Dia.,
A-1, 29 lb/13 kg Buoyancy
D. 46981 Norwegian Buoy, 50" Cir., 15" Dia.,
A-2, 68 lb/31 kg Buoyancy
E. 46979 Norwegian Buoy, 30" Cir., 10" Dia.,
A-0, 13 lb/6 kg Buoyancy
F. 46978 Ski Buoy, 28" Cir., 9" Dia.
Quantity Discounts Available

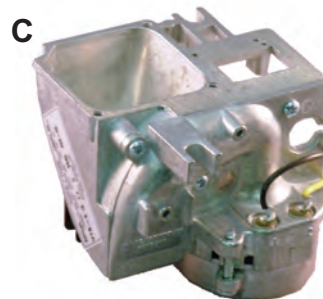
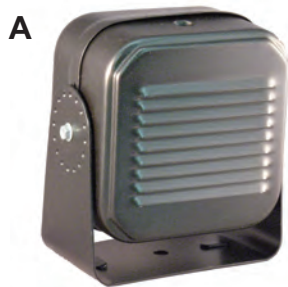


G. SH-600 Cam Handle Magnet, 600 lb. Pull Capacity
H. SH-400 Cam Handle Magnet, 400 lb. Pull Capacity
I. SH-250 Cam Handle Magnet, 250 lb. Pull Capacity
J. 600CA Bear Paw Lifting Eye Magnet, 600 lb. Pull Capacity

Other sizes available!

Magnets

Audio Parts

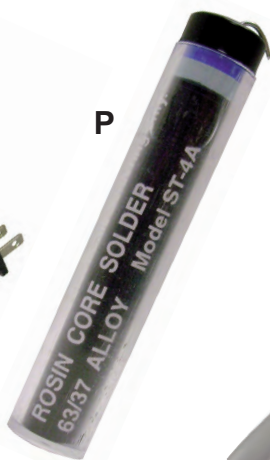
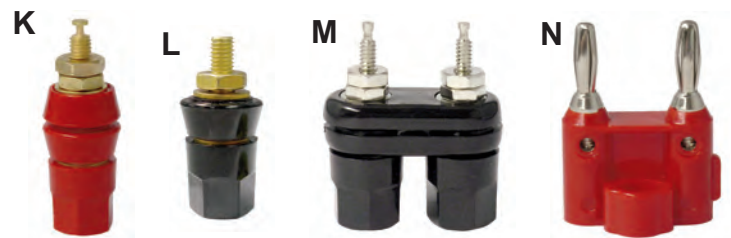
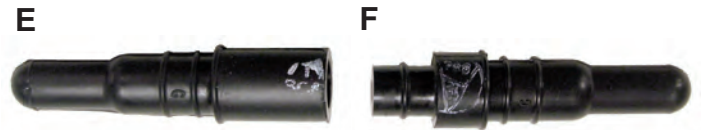
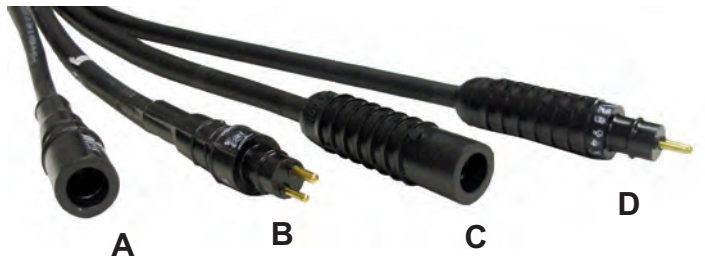


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|----|---------------|---|
| A. | DCM-3 | Chamber Speaker |
| B. | DC32WI | 3.5" Speaker for SDR & Delux Air Control Boxes |
| C. | VTB-2 | Sound-O-Lier Speaker for TDR |
| D. | 151105 | Solderless Wire Eyes |
| E. | TBS21 | Button Speaker |
| F. | M101 | Microphone, Noise Cancelling |
| G. | DSM-1 | 1" Mylar Microphone |
| H. | 20-175 | 1-9/16" Flat Mylar Speaker |
| I. | DSS-1 9/16"-W | 1-9/16" Flat Mylar Speaker with Wire & Wire Eyes |
| J. | DSS-2.5 | 2-1/2" Mylar Ear Speaker |
| | DSS-2.5-W | 2-1/2" Mylar Ear Speaker with 18" Wire & Wire Eyes |
| | DSS-2.5-W-1 | 2-1/2" Mylar Ear Speaker with 12" Wire & Wire Eyes |
| K. | 20-170 | 2" Mylar Ear Speaker |
| | DSS-2-W | 2" Mylar Ear Speaker with 18" Wire & Wire Eyes |
| | DSS-2-W-1 | 2" Mylar Ear Speaker with 12" Wire & Wire Eyes |
| L. | 99D668 | Mic |
| | 515-029 | Mic with Wire & Wire Eyes |
| M. | MA-100 | Microphone Assembly, Potted, Oral Nasal Mount, with Wire & Wire Eyes |
| | HHM1 | Hand Held Microphone, Dual Banana Plugs |
| | HHM | Hand Held Microphone, 1/4" Dual Mono Plugs |
| N. | 2460-28 | Amron Deluxe Headset, Dual Banana Plugs |
| O. | PH-61 | Telex Deluxe Headset, 1/4" Dual Mono Plugs |
| | PH-61B | Telex Deluxe Headset, Red/Black Dual Banana Plugs |
| P. | RPTT-25 | Remote Push-to-talk Switch, 25', 1/4" Dual Mono Plugs, with Belt Clip |



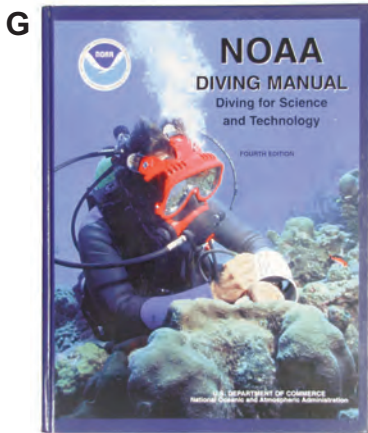
Audio Parts

- A. RMG-4-FS Four Pin Female W/P Connector
 - RMG-3-FS Three Pin Female W/P Connector
 - RMG-2-FS Two Pin Female W/P Connector
 - B. RMG-4-MP Four Pin Male W/P Connector
 - RMG-3-MP Three Pin Male W/P Connector
 - RMG-2-MP Two Pin Male W/P Connector
- All "C" and "D" items have gripper body:
- C. RMG-4-FS/G Four Pin Female W/P Connector
 - RMG-3-FS/G Three Pin Female W/P Connector
 - RMG-2-FS/G Two Pin Female W/P Connector
 - D. RMG-4-MP/G Four Pin Male W/P Connector
 - RMG-3-MP/G Three Pin Male W/P Connector
 - RMG-2-MP/G Two Pin Male W/P Connector
 - E. RMG-4-FSD Four Pin Female Dummy Plug
 - F. RMG-MPD Four Pin Male Dummy Plug
 - G. FLS Female Delrin Locking Sleeve for Underwater Connectors
 - H. MLS Male Delrin Locking Sleeve for Underwater Connectors
 - I. HP-ADAP-B Head Phone Adapter: 1/4" Mono Female x Dual Banana, Black
 - HP-ADAP-R Head Phone Adapter: 1/4" Mono Female x Dual Banana, Red
 - J. HP-ADAP1-B Head Phone Adapter: 1/4" Mono Male x Dual Banana Black
 - HP-ADAP1-R Head Phone Adapter: 1/4" Mono Male x Dual Banana Red
 - K. 515-035 Communications Post Complete, Red or Black
 - L. 315-020 Communications Post, One Nut & One Washer, Red or Black
 - M. 33-290-BU Dual Communications Posts
 - N. MDP-BLACK Dual Banana Plug, Black
 - MDP-RED Dual Banana Plug, Red
 - O. APS30 Soldering Pencil
 - P. S100 Solder
 - Q. SW-500-G Speaker Wire, Double Insulated, Per Foot
 - R. 926 Batter, 12 Volt Lantern
Quantity Discounts Available



Printed Material

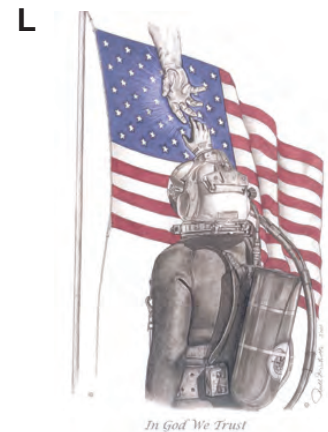
A.	D020	Supervisor Logbook, ACD	J.	P1	Signed Poster
B.	D016	Commercial Diver Logbook, ADC		P2	Signed/Numbered Poster
C.	D021	Life Support Tech Logbook, IMCA		P3	Signed Artist Proof
D.	D022	Diving Tech Logbook, IMCA	K.	P4	Signed Poster
E.	RH1	Riggers Handbook		P4-SN	Signed/Numbered Poster
F.	D263	Commercial Diver Training Manual		P4-AP	Signed Artist Proof
G.	D024	US Navy Diver's Handbook, Waterproof Pages	L.	PRINT	"In God We Trust" Print
H.	B0001	US Navy Diving Manual, CD			11" x 14", Color
I.	B0047S	NOAA Diving Manual		PRINT FRAMED	Professionally Framed & Matted



God's "Tender" Care



Oilfield Trash And Proud Of It



In God We Trust



Scuba Gear



- A. 394050 Military Horse Collar BC, Twin Cartridge, Aqua Lung
- B. DA47 CO2 Cartridge, 25 Gram
- C. TA05 Softband Backpack with Cam
- D. 69040 Turtle Fins, Adjustable, Large Pocket
- E. 6211-10 Rocket Fins, Adjustable
- F. FS167 Open Heel Fins, L or XL
- G. RP62 Replacement Fin Buckle
- H. 6226-80 Buckle & Strap, Q.D. Assembly
- I. RB-4071 Pro Spring Fin Strap, Pair
- J. RP56 Replacement Fin Strap
- K. RP59 Replacement Fin Strap, Silicone
- L. RP52 Replacement Mask Strap
- M. RP51 Replacement Mask Strap, Silicone
- N. FS45 Flex Snorkel with Purge, Silicone
- O. 114MASK Scuba Mask, Silicone, Clear or Blue Frame
- P. RC-SCN Compass with Brass Housing, Rigged
- Q. 41110 Compass, Retractable Clip
- WKG22 Depth Gauge, Wrist Mount
- SK-7 Compass, White Glow Face, Boot

Water-Tight Cases

Other size cases are available.



M



O



Q

- A. i1010W iPod Protector, Water Resistant
- B. i1015 iPhone Protector, Water Resistant
- C. 1200NFG Case without Foam, Gray (9.5"L x 7.5"W x 4.5"D Internal)
- D. 1120 Small Spares Case, Blue, Yellow or Black (7.6"L x 4.7"W x 3" Internal)
- E. 1495CC2 Notebook Case, Lid Organizer, Combination Lock
- F. 718B Brief Case (17.8"L x 12.8"W x 6.8"D Internal)
- 518B Brief Case (17.8"L x 12.8"W x 5.1"D Internal)
- G. 613F Case with Foam (13.3"L x 8.8"W x 5.9"D Internal)
- 613 Case without Foam
- H. 716F Case with Foam (16.8"L x 9.8"W x 6.7"D Internal)
- 716 Case without Foam
- I. 518F Case with Foam (17.8"L x 12.8"W x 6.8"D Internal)
- 518 Case without Foam
- J. 718F Case with Foam (17.8"L x 12.8"W x 6.8"D Internal)
- 718 Case without Foam
- K. 821F Case with Foam (20.8"L x 12.8"W x 8.3"D Internal)
- 821 Case without Foam
- L. 1500F Case with Foam (17"L x 11.4"W x 8"D Internal)
- M. 1600F Case with Foam (22"L x 17"W x 8"D Internal)
- 1600 Case without Foam
- N. 822F Case with Foam (21.9"L x 18"W x 8.4"D Internal)
- 822 Case without Foam
- O. 827F Case with Foam (26.9"L x 18"W x 8.4"D Internal)
- 827E Case without Foam
- P. 1620F Case with Foam (22.3"L x 17.1"W x 12.6"D Internal)
- Q. 340F Case with Foam, Cube (18"L x 18"W x 18"D Internal)

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Bags



- A. MGB12 Medium Gear Bag with or without Dividers, 12" x 12" x 28"
- LGB14 Large Gear Bag with or without Dividers, 14" x 14" x 30"
- B. GB8 Gym Bag, No Compartments, 8" x 8" x 16"
- C. DB6 Ditty Bag with Velcro Inside Pocket, 6" x 6" x 12"
- D. SBB Starter Bolt Bag with #2 Brass Clips
- E. BW1 Rod Pouch, Burning/Welding
- F. HB1 Helmet Bag with Padded Wood Bottom, Side Zipper, Carry Straps
- G. GB45 XLarge Nylon Mesh Bag with Wire Handles, Green, 24" x 40"
- GB43 Large Nylon Mesh Bag with Wire Handles, Yellow, 16" x 28"
- GB41 Medium Nylon Mesh Bag with Wire Handles, Red, 9" x 15"
- H. CDGB Commercial Diver Gear Bag, Black, 30" x 13" x 13"
- I. Watershed Waterproof Bag
 - X-Small, 8" x 17"
 - Small, 10" x 21"
 - Medium, 14.5" x 27"
 - Large, 15.5" x 34"
 - X-Large, 15.5" x 45"
- J. GB36 Large Duffel Bag. Blue, 30" x 14"

Some bags
available in a
variety of colors.

Kirby Morgan Merchandise

- | | | |
|----|--|--|
| A. | HAT-KM37-yyy
HAT-FXLG-yyy
HAT-BNKM-yyy | Cap with KM-37
Cap with KM-37, Flex Fit
Beanie with KM Diamond |
| B. | MUG-CFKM-WHT | Kirby Morgan Coffee Mug, White |
| C. | WAT-KMBK-BST | Kirby Morgan Watch, Water Resistant to 1000 m, Black |
| D. | WAT-KMPS-SST

WAT-KMPS-BLK | Kirby Morgan Watch, Water Resistant to 200 m, S/S
Kirby Morgan Watch, Water Resistant to 200 m, Black |
| E. | Mxx-PS37-yyy | Polo, KM-37 |
| F. | Mxx-TSSL-yyy
Mxx-CS17-yyy | T-Shirt, SL-17
Sweatshirt, Crew Neck, SL-17 |
| G. | Mxx-TSML-yyy
Mxx-CSML-yyy | T-Shirt, Miller Diving
Sweatshirt, Crew Neck, Miller Diving |
| H. | Mxx-TSKM-yyy
Mxx-CSKM-yyy
Mxx-HSKM-yyy | T-Shirt, KM World Logo
Sweatshirt, Crew Neck, KM World Logo
Sweatshirt, Hooded, KM World Logo |
| I. | Mxx-TSML-yyy
Mxx-HSML-yyy | T-Shirt, Miller Diving Legend
Sweatshirt, Hooded, Miller Diving Legend |
| J. | Mxx-HSDS-yyy | T-Shirt, DSI Logo |
| K. | Mxx-TSMM-yyy
Mxx-HSMM-yyy | T-Shirt, Mermaid
Sweatshirt, Hooded, Mermaid |
| L. | Mxx-TS4D-yyy
Mxx-CS4D-yyy | T-Shirt, Four Divers
Sweatshirt, Crew Neck, Four Divers |
| M. | Mxx-TSBV-yyy
Mxx-ZSBV-yyy | T-Shirt, Bev Logo
Sweatshirt, Hooded, Bev Logo |
| N. | Mxx-LSKM-yyy
Mxx-LSRX-yyy | Long Sleeve Shirt, KMDSI Logo
Long Sleeve Shirt, Rex |



Apparel Size Codes (xx):

SM
MD
LG
XL
2X

Small
Medium
Large
XL
2XL

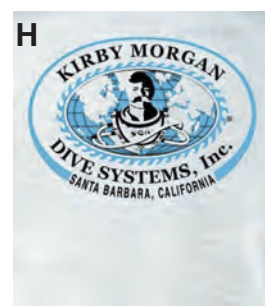
Apparel Color Codes (yyy):

ASH
BLK
DKG
NVY
SND
WHT

Ash Grey
Black
Dark Green
Navy
Sand
White

Please call for size and color availability.

2XL sizes may be higher priced.



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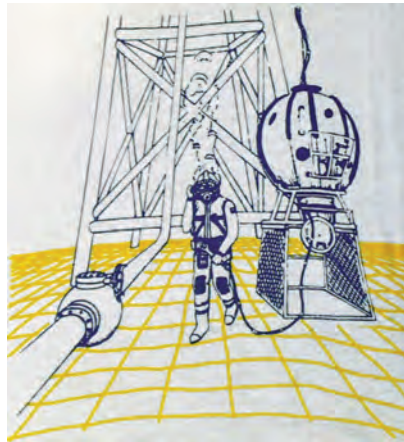
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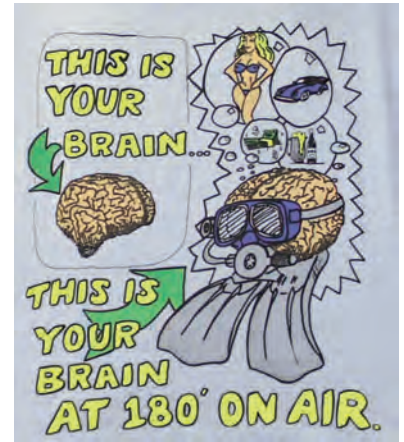
T-Shirts



16 M, L, XL
016XXL XXL



6 M, L, XL
006XXL XXL



8 M, L, XL
008XXL XXL



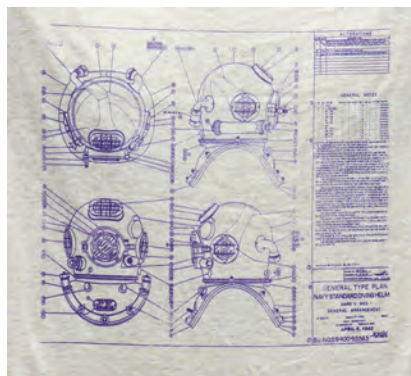
15 M, L, XL
015XXL XXL



12 M, L, XL
012XXL XXL



1 M, L, XL
001XXL XXL



60297-xxx MED, LGE, XLG
60297-XXL XXL

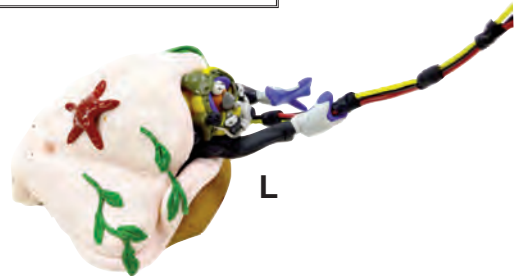


900304-04x M, L, XL
900304-048 XXL

Clay Statues



All clay statues are hand made which may result in variations in design and colors.



- | | | |
|----|-------|---|
| A. | CS-01 | Clay Statue, "Shut Off the Pneumo" |
| B. | CS-02 | Clay Statue, "Angry Octopus" |
| C. | CS-03 | Clay Statue, "280 on Air Strip Poker" |
| D. | CS-04 | Clay Statue, "Permission to Take a Dump" |
| E. | CS-05 | Clay Statue, "No Cash, No Splash" |
| F. | CS-06 | Clay Statue, "Inside Burn" |
| G. | CS-07 | Clay Statue, "Good Job" |
| H. | CS-08 | Clay Statue, "Submar Mat Miss" |
| I. | CS-09 | Clay Statue, "Now What?" |
| J. | CS-10 | Clay Statue, "Jet Hose" |
| K. | CS-11 | Clay Statue, "And He Screamed Like a Little Girl" |
| L. | CS-12 | Clay Statue, "Hold My Rig, I'll Tell Ya Later" |

Clay statues are approx. 4"



Treasure

A



- A. BM-09 MK V Diver Bronze Color Model, 13"
- B. PM-02 SL Diver Statue, Pewter, 4.5"
- C. GP-4303 Mark V Diver Statue, 9"
- D. BM-10 MKV Diver "On the Move", Bronze Color, 5.25"
- E. BM-14 SL Diver Statue, 9.5"
- F. MKVDIVER5.5 US MKV Navy Statue, 5.5"

B



C



D



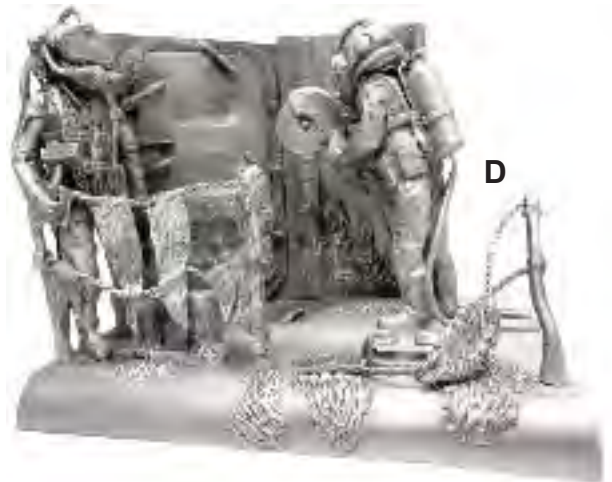
E



F



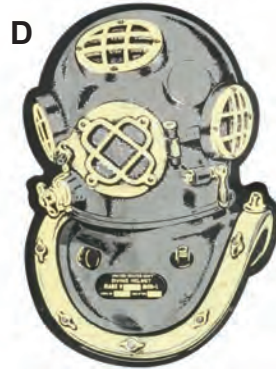
Treasure



- A. GMD-07 MKV Diver Statue, Crystal, 5.5"
- B. GMD-11 SL Diver Statue, Crystal, 5.5"
- C. BM-13 MKV Diver Caricature Statue, Bronze, 5.5"
- D. PMS-01 Salvage Scene, Pewter, 7" x 5.5"(W x H)
- E. A121 MKV Helmet Replica, Brass, 18"
- F. PMS-02A Treasure of the Deep, Copper Finish, 6.5" x 4.75" (W x H)
- PMS-02 Treasure of the Deep, Pewter Finish
- G. BM-16 MKV Diver Bust Statue, Removable Helmet, Pewter, 6.5"

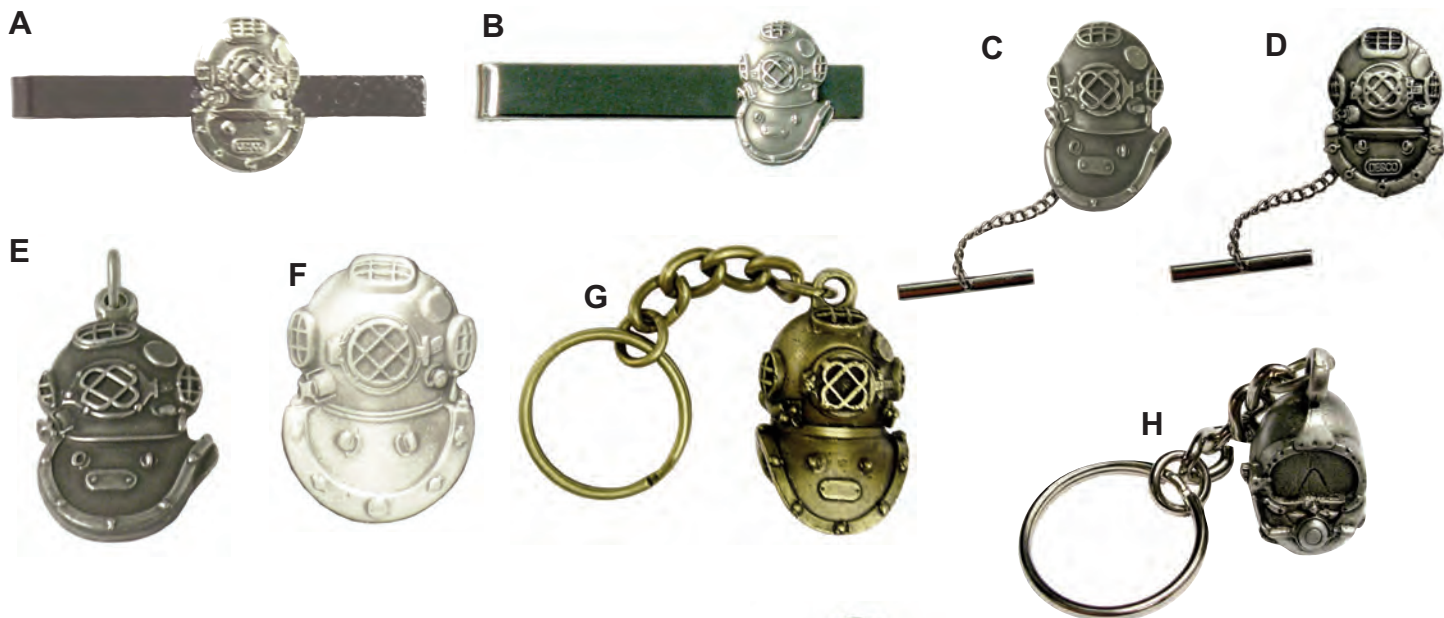


Treasure



- | | | |
|----|----------------|----------------------------------|
| A. | PW-01 | Mark V Paper Weight, 4" |
| B. | PW-03 | US MK21 Paperweight, 4" |
| C. | KNOCKER-GOLD | Door Knocker, Gold Color, 5.5" |
| | KNOCKER-BLACK | Door Knocker, Black, 5.5" |
| | KNOCKER-SILVER | Door Knocker, Silver Color, 5.5" |
| | KNOCKER-COPPER | Door Knocker, Copper, 5.5" |
| D. | D98-N | Decal, Mark V, 5" x 3.5" (H x W) |
| E. | CYP-223 | Iron On Patch, Mark V |
| F. | HC-02 | Hitch Cover, Blue |
| | HC-01 | Hitch Cover, Red |
| G. | 60230 | Mark V Belt Buckle, Brass |
| | 60230-P | Mark V Belt Buckle, Pewter |
| H. | MBB | Miller Belt Buckle, Brass |

Treasure



- A. 60211 Nickel Textured Tie Bar, Mark V
- B. 60216 Sterling Silver Tie Bar, Mark V
- C. 60215-T Sterling Silver Tie Tack, Mark V
- D. 60210-T Rhodium Plated Tie Tack, Mark V
- E. 60212 Rhodium Plated Charm, Mark V
- F. 60217 Sterling Silver Charm, Mark V
- G. N009 Pewter Lapel Pin, Mark V
- H. MK54 Pewter Key Chain, Mark V
- I. MK54-P Pewter Key Chain, SL-17
- J. K521 Pewter Key Chain, Diver with Chest
- K. 13 Zippo Lighter, Chrome or Brass
- L. MC026-F 8 oz. Flask, Mark V
- M. P175 Lapel Pin, Alpha Flag
- N. P176 Lapel Pin, Scuba Flag
- O. CDLP Commercial Diver License Plate, Aluminum



N



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Christmas Cards



CC-01
May God Keep You In
His "Tender" Care.
Merry Christmas



CC-02
May Your View This Christmas Be One
Of Warmth And Peace.
Merry Christmas



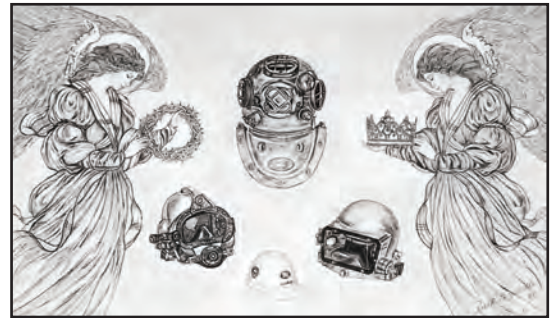
CC-03
May The Spirit Of God Burn Deep In
Your Heart.
Merry Christmas



CC-04
May You Know The Depth Of God's
Love As He Protects You
In The Palm Of His Hand.
Merry Christmas



CC-05
May You Be Embraced By
The Joy And Peace Of This
Holy Season.
Merry Christmas



CC-06
No Matter What Hat You Wear In Life Let Us
Not Forget...It All Began With Birth.
Happy Birthday Jesus



CC-07
What Greater "Treasure" Could God
Have Given Us, Than His Only Son.
Merry Christmas



CC-08
May God's Love Penetrate Deep
In Your Soul.
Merry Christmas



CC-09
When The Pressures Of Life Get You Down,
Have Faith...God Is In Control!
Merry Christmas

Christmas Cards



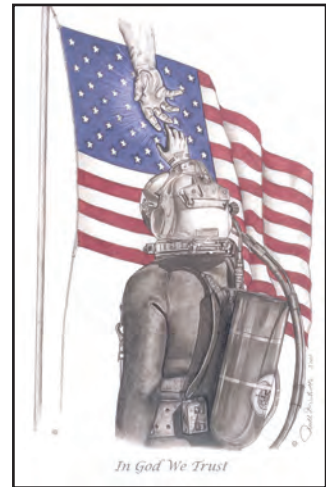
CC-10

May The Spirit Of Christmas "Ring" Joyfully In Your Heart As We Celebrate The Greatest Mystery...The Birth Of Our Savior.
Merry Christmas



CC-11

May We Strive To Be Like "Our Father".
Merry Christmas



CC-12

In God We Trust...Amen.
Merry Christmas

CC-12 Color Prints
11" x 14"
15.00 each



CC-13

...And From The Depths Of His Heart He Created One Of His Greatest Masterpieces.
Merry Christmas



CC-14

May Your Quest For The Perfect Gift Lead You To The Manger,
The Greatest Gift Of Love.
Merry Christmas



CC-15

Some Of The Most Real Things In Life Are Those We Cannot See.
Wishing You A Merry Christmas
With God's Blessings



CC-16

In This Joyest Season May We Recognize The Angels In Our Lives.
Merry Christmas



CC-17

May Your Trust In God Bring You To A Deeper Faith This Holy Season.
Merry Christmas



CC-18

May God's Tender Care Embrace And Protect You This Holy Season.
Merry Christmas

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Christmas Cards



CC-19

From The Far Away Heavens To The Depths
Of The Earth Let Us Dance With Joy To
Celebrate His Birth.
Merry Christmas



CC-20

Blessed Are They Who Walk In Faith,
For They Shall Be Shadowed By His Love.
Merry Christmas



CC-21

May His Love Beat Joyfully In Your Heart
This Christmas and Always



CC-22

Let there be peace on earth
and let it begin with me.
Wishing you a blessed Christmas



CC-23

May God's angels watch over you and your
family as we celebrate the blessings of this
holy season.
Merry Christmas



CC-24

May the presence of Christ be the
greatest present under your tree.
Merry Christmas
and a blessed New Year

Christmas Ornaments



K521-O

3" SL-17 Christmas Ornament



K263-O

3" Diver with Chest
Christmas Ornament



K026-O

3" Mark V Christmas Ornament

Watches



Men's Seiko 200 Meter Watches

- A. SNE107 Solar Watch, Silver Bezel, Black Face, S/S Band
SNE109 Solar Watch, Silver Bezel, Orange Face, Black Rubber Band
- B. SSC031 Solar Watch, Blue & Red Bezel, Blue Face, Black Rubber Band
SSC017 Solar Watch, Black & Blue Bezel, Black Face, S/S Band
- C. SNE283 Solar Watch, Black Bezel, Black & Blue Face, Blue Rubber Band
SNE245 Solar Watch, Black Bezel, Black Face, Orange Rubber Band
SNE281 Solar Watch, Black Bezel, Black Face, Black Ion Band
SNE279 Solar Watch, Silver Bezel, Black Face, S/S Band
- D. SKXA35 Auto Wind Watch, Black Bezel, Yellow Face, Black Rubber Band
SKX175 Auto Wind Watch, Blue & Red Bezel, Blue Face, S/S Band
- E. SRP311 Auto Wind Watch, Black Bezel, Orange Sun Burst Face, Black Rubber Band
SRP315 Auto Wind Watch, Black Bezel, Orange Face, Black Rubber Band
- F. SKA413 Kinetic Watch, Black & Silver Bezel, Black Face, Black Rubber Band



G

H



- G. DA30 3/4" Velcro Watch Strap
DA31 1" Velcro Watch Strap
- H. DDWATCHBAND Waterborne 3/4" Nylon Watch Band
DDWATCHBAND1 Waterborne 1" Nylon Watch Band
- I. 94440-10 Big Digit Stop Watch
- J. COLT250 Digital Stop Watch

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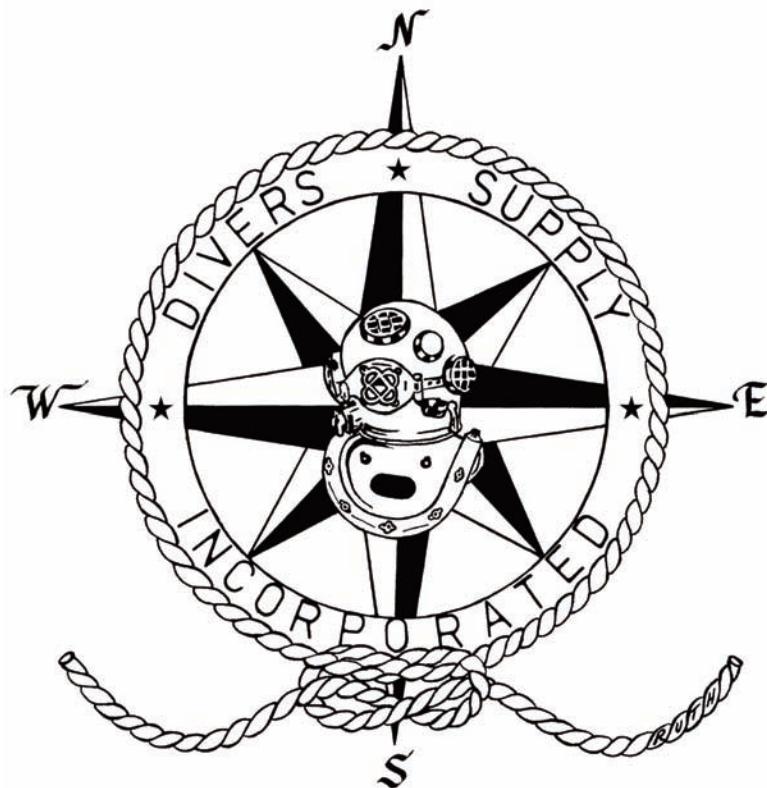
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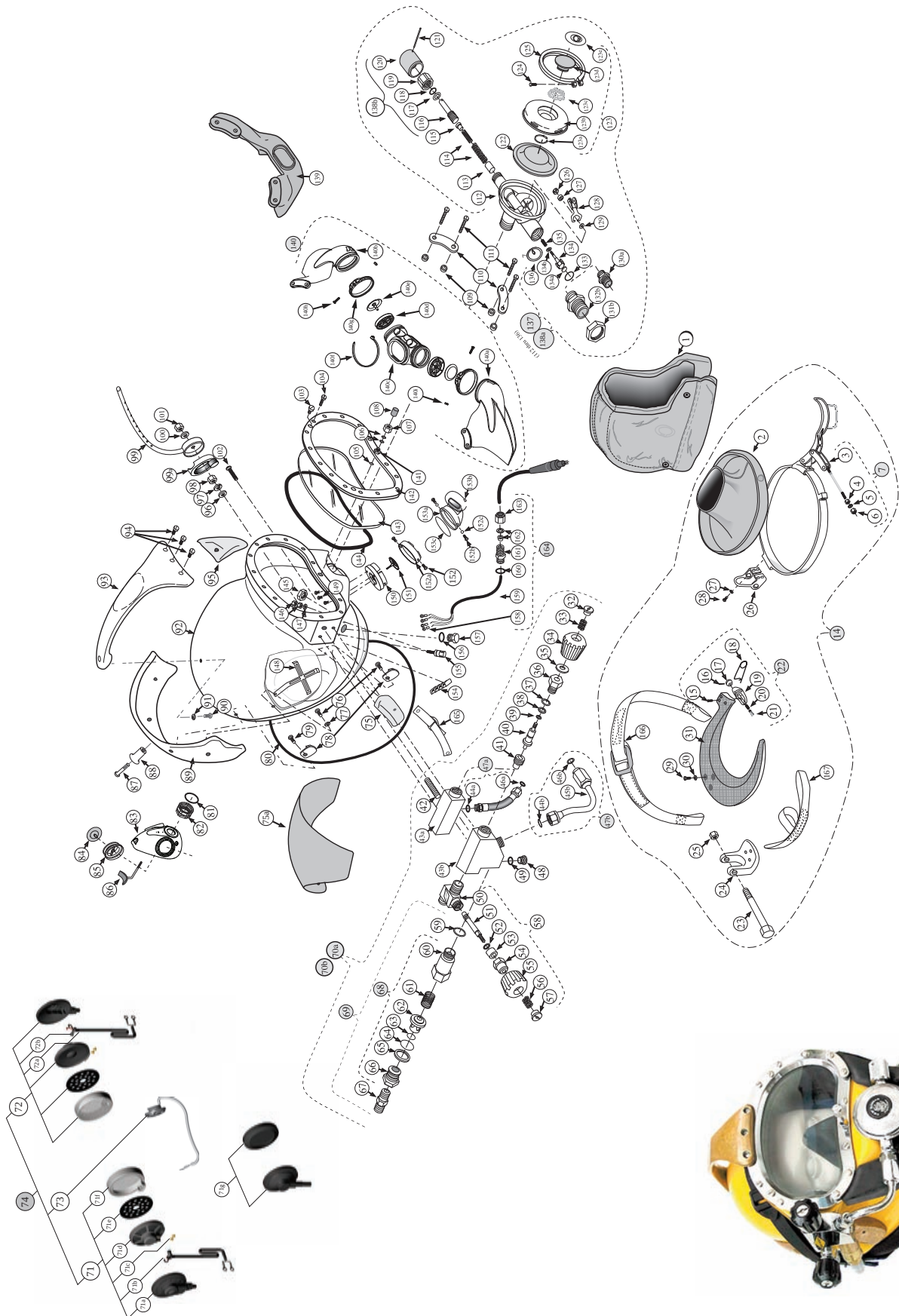
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Helmet & Mask Breakdowns



SL-17A/B Helmet Breakdown



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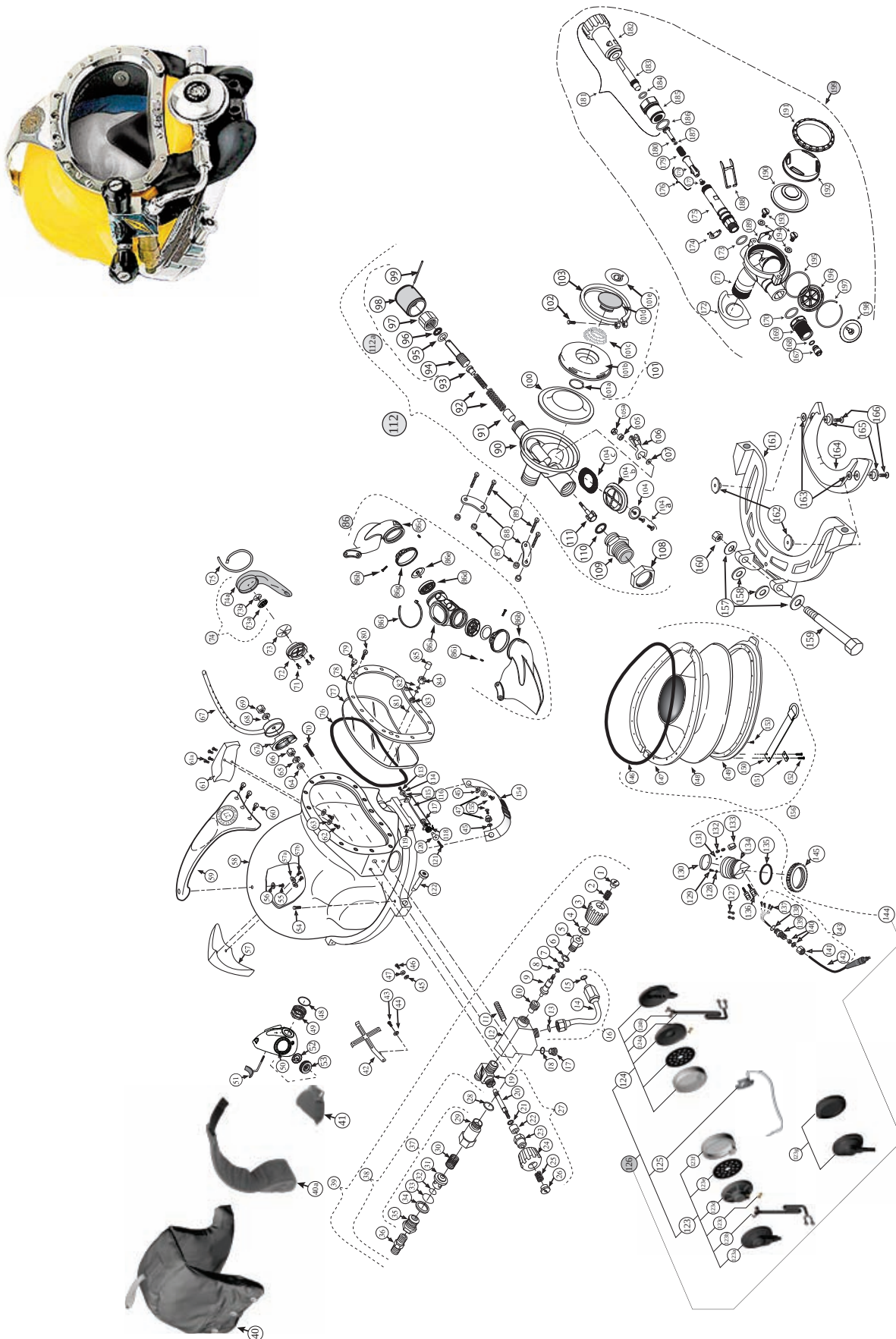


SL-17A/B Helmet Parts List

SuperLite® 17 A/B Helmet 500-010 / 500-011

Location #	Part #	Description	Location #	Part #	Description	Location #	Part #	Description
1	510-521	Head Cushion, SL 17A/B	53	520-024	Packing Nut	95	560-019	Port Weight, SL 17A/B
2	510-523	Replacement Foam	54	550-091	Packing Nut	96	530-535	Washer
3	510-533	Drawstring Neck Dam	55	520-525	Flex Knob, Emergency	97	530-415	Washer
		Neck Clamp	56	535-802	Spring	98	530-317	Nut
		(Order Comp. see #7)	57	550-019	Locknut	99	545-016	Air Train
4	530-317	Nut	58	505-070	Emergency Valve Assembly	99a	510-762	Air Train Gasket
5	530-415	Washer	59	510-483	O-ring	100	530-535	Washer
6	530-320	Nut, Lock	60	Body		101	530-317	Nut
7	505-055	Neck Clamp Assembly	61	Spring		102	530-050	Screw
8-13	not used		62	Poppet	Order Complete	103	530-052	Screw, Port Plug Screw
14	505-008	Neck Clamp Yoke Assembly Comp.	63	O-ring	see	104	530-035	Screw
15	530-066	Screw	64	Wiper	Loc. # 68	105	510-010	O-ring
16	530-601	Retaining Pin	65	Seat	Kit	106	510-008	O-ring
17	550-255	Knob, Pull Pin	66	555-117	Adapter, Brass, 1/4" NPT/02	107	555-180	Packing Nut, Nose Block
18	535-900	Safety Pin (Pull Pin)	67	555-195	One-Way Valve	108	550-062	Knob, Nose Block
19	560-051	Latch Catch Body	68	505-060	One-Way Valve Assembly	109	550-061	Spacer
20	535-808	Spring, Pull Pin	69	505-022	"A" Side Block Assembly	110	540-015	Kidney Plate
21	550-257	Plunger	70a	505-024	"B" Side Block Assembly Complete	111	530-045	Screw
22	505-010	Latch Catch Assem., Pull Pin	70b	515-005	Earphone, Right, 9"	112	545-022	Regulator Body
23	530-034	17B Hinge Bolt, Electropolished	71		For Earphone Cover Set	113	550-060	Piston
24	560-026	Hinge	71a		Order 510-842	114	535-807	Spring Set
25	530-028	Lock Nut	71b	515-102	Communication Wire 9"	115	550-059	Spacer
26	540-157	Rear Hinge Tab, Electropolished	71c	530-088	Screw	116	550-057	Shaft
27	530-406	Washer	71d	515-090	Earphone Speaker	117	520-032	Washer
28	530-025	Screw	71e	520-015	Protector, Earphone	118	510-011	O-ring
29	530-080	Screw	71f		For Earphone Cover Set	119	550-055	Packing Nut
30	530-530	Washer			Order 510-842	120	550-053	Knob, Adjustment
31	520-117	Urethane Yoke	71g	510-542	Covers, Earphone, Pre-April 2011	121	530-601	Retaining Pin
32	520-060	Fiberglass Yoke (Order 520-117)	72	515-066	Earphone, Left, 15.5"	122	510-553	Diaphragm
33	535-802	Spring	72a	515-101	Communication Wire 15.5"	123	545-018	Cover Assembly
34	520-524	Flex Knob, Steady Flow	72b	520-038	Tie-Wrap	123a	535-905	Retaining Clip
35	520-030	Washer	73	515-009	Microphone	123b	940-055	Cover Only, Regulator, Metal
36	550-020	Bonnet	74	515-030	Communications Set	123c	535-810	Spring, Purge Button
37	510-015	O-ring	75	560-023	Starboard Weight, SL 17A/B	123d	520-017	Purge Button
38	520-031	Washer	75a	520-054	Starboard Weight, SL 17A/B	123e	520-077	Purge Button Sticker
39	510-010	O-ring	76	530-070	Screw	124	530-030	Screw
40	550-022	Valve Stem	77	530-540	Washer	125	545-020	Clamp
41	550-023	Seat Assembly	78	545-027	Snap Tab	126	530-303	Nut, Lock
42	550-024	Stud, Side Block	79	530-078	Screw	127	550-052	Spacer
43a	550-026	A, Side Block Body	80	510-446	O-ring, SL 17A/B Bottom	128	545-038	Roller Lever Arm Assembly
43b	550-029	B, Side Block Body	81	510-211	O-ring	129	530-506	Washer
44a	510-011	O-ring	82	550-038	Nut, Regulator Mount	130a	550-046	Jam Nut "A"
44b	520-033	O-ring (teflon)	83	510-747	Mask, Oral/Nasal	131b	550-048	Jam Nut "B"
45b	555-154	Bent Tube Assembly	84	510-550	Valve, Oral/Nasal	132b	550-048	O-ring
46a	510-010	O-ring	85	520-020	Body, Valve	133	510-014	O-ring
46b	510-012	O-ring	86	545-015	Nose Block device	134	945-026	Inlet Valve
47a	555-152	Reg. Hose Assem. w/O-rings	87	510-575	Nose Block Pad	134a	510-580	Inlet Valve Seat
47b	555-155	Bent Tube Assem. w/O-rings	88	530-090	Alignment Screw	135	530-505	Washer
48	550-095	L.P. Plug, w/O-ring	89	550-339	Alignment Sleeve	136	510-552	Spring
49	310-003	O-ring	90	560-005	Rear Weight	137	505-026	Demand Reg. Assem. "A"
50	550-140	Emergency Valve Body	91	530-540	Screw			(spare part)
51	550-138	Valve Stem, Emergency	92	520-065	Washer			
52	540-095	Packing Washer	93	560-014	Helmet, Fiberglass			
			94	530-040	Handle, SL 17A/B			
					Screw			

SL-27 Helmet Breakdown



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SuperLite® 27[®] Helmet **500-040 / 500-041**

Location # Part # Description

1	550-019	Locknut	
2	535-002	Spring	
3	520-524	Flex Knob, Steady Flow	
4	520-030	Washer	
5	550-020	Bonnet	
6	510-015	O-ring	
7	520-031	Washer	
8	510-010	O-ring	
9	550-022	Valve Stem	
10	550-023	Seat Assembly	
11	550-024	Stud, Side Block, Body B	
12	550-029	Side Block, Body B	
13	520-033	O-ring, Teflon	
14	555-154	Bent tube Assembly	
15	510-012	O-ring	
16	555-155	Bent Tube Assem. w/O-rings	
17	550-095	L. P. Plug, w/O-ring	
18	310-003	O-ring	
19	550-140	Emergency Valve Body	
20	550-138	Valve Stem, Emergency	
21	540-095	Packing Washer	
22	520-024	Packing	
23	550-091	Packing Nut	
24	520-525	Valve Stem, Emergency Valve	
25	535-002	Spring	
26	550-019	Locknut	
27	505-070	Emergency Valve Assembly	
28	510-483	O-ring	
29	Body		
30	Spring	For Replacement	
31	Poppet	Parts	Order Complete
32	O-ring	see	
33	O-ring	Kit	
34	Wiper	#255-330	Loc. # 37
35	Seat		
36	555-117	Adapter, Brass, 1/4" NPT/0,	
37	555-195	One-Way Valve	
38	505-060	One-Way Valve Assem.	
39	505-024	Side Block Assem. Complete (B)	
40	510-754	Head Cushion Assembly	
40a	510-722	Head Cushion Bag	
41	510-857	Head Cushion Foam Spacer Assembly	
41a	510-858	Head Cushion Foam Spacer Bag	
42	510-659	Chin Cushion Assembly	
43	540-054	Chin Cushion Bag	
44	530-018	Earphone Retainer	
45	530-527	Washer	
46	530-018	Washer	
47	530-702	Snap	
48	510-409	O-ring	
49	550-081	Nut, Regulator Mount	
50	510-747	Oral Nasal Mask, Silic one	
51	510-569	Oral Nasal Mask (small optional)	
52	545-070	Nose Block Pad	
53	510-575	Nose Block Device, SL 27	
54	530-015	Valve, Oral Nasal	
55	520-020	Valve Body	
56	530-070	Screw	
57	525-225	Diamond Weight Kit, optional	
57a	530-540	Washer	
57b	530-078	Screw	

Location # Part # Description

58	505-105	Helmet, Fiberglass w/fitting	
59	560-106	Handle, SL 27	
60	530-045	Screw	
61a	560-081	Side Weight (Port)	
62	530-062	Screw	
63	530-070	Washer	
64	530-540	Washer	
65	530-415	Washer	
66	530-317	Nut	
67	545-016	Air Train	
67a	510-762	Air Train Gasket	
68	530-535	Washer	
69	530-317	Nut	
70	530-050	Screw	
71	530-032	Screw	
72	550-350	Water Dump Body	
73	510-557	Water Dump Valve, SL 27	
73a	820-120	Valve Body, Purge (included in #74)	
73b	810-025	Valve Purge (included in #74)	
74a	510-780	Water Purge Deflector (included in #74)	
74	505-726	Water Purge Deflector Complete	
75	520-042	Tie Wrap	
76	510-260	O-ring, View Port	
77	520-004	Face Port	
78	560-070	Port Retainer Assembly	
79	530-052	Screw, Port Plug	
80	530-035	Screw	
81	510-010	O-ring	
82	510-008	O-ring	
83	550-116	Nose Block Guide	
84	550-080	Packing Nut, Nose Block	
85	520-030	Knob, Nose Block Assembly, 27	
86	525-755	Knob, Nose Block Assembly, 27	
86a	510-759	Tri-Valve Exhaust Main Body, SL 27	
86b	510-786	Stainless Whisker Wing	
86c	510-787	Port Whisker Wing	
86d	520-200	Valve Seat	
86e	510-776	Exhaust Valve	
86f	520-042	Tie Wrap	
86g	520-118	Tri-Quad Valve Whisker Clamp	
86h	530-008	Brass Nut	
87	530-009	Brass Nut	
88	550-061	Spacer	
89	540-015	Kidney Plate	
90	545-080	Screw	
91	550-060	Platton	
92	535-807	Spring Set	
93	550-059	Spacer	
94	550-057	Shaft	
95	520-032	Washer	
96	510-011	O-ring	
97	550-055	Packing Nut	
98	550-053	Knob, Adjustment	
99	530-601	Retaining Pin	
100	510-553	Diaphragm	
101	545-018	Cover Assembly	
101a	535-905	Retaining Clip	
101b	540-055	Cover Only, Regulator, Metal	
101c	535-810	Spring, Purge Button	
101d	520-017	Purge Button	
101e	530-078	Purge Button Sticker	
102	530-030	Screw	
103	545-020	Clamp	

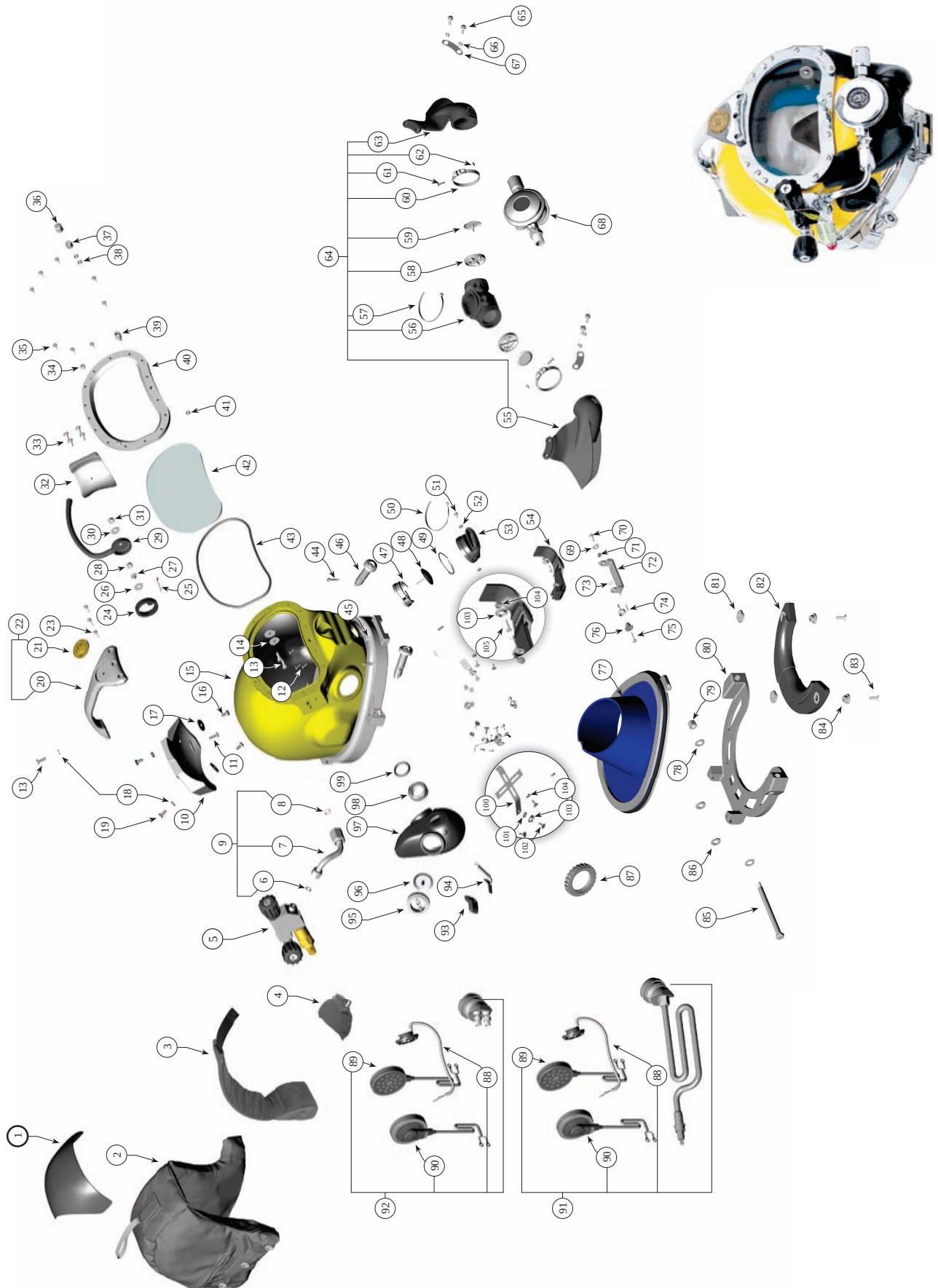
Location # Part # Description

104	510-552	Exhaust Valve	
104a	530-020	Screw	
104b	540-122	Exhaust Flange, Chrome	
104c	510-401	Gasket	
105	550-052	Spacer	
105a	530-303	Nut, Lock	
106	545-038	Roller Lever Arm Assembly	
107	530-506	Washer	
108	550-050	Jam Nut	
109	550-048	Inlet Nipple	
110	510-014	O-ring	
111	545-026	Inlet Valve	
112	505-069	Regulator Assembly, 1" Mount Tube	
112a	505-028	Adjustment Knob Assembly	
113	530-035	Screw	
114	530-546	Washer for Swing Catch	
115	550-061	Spacer	
116	540-086	Swing Catch (after 1994)	
117	525-106	Swing Catch Retro Fit Kit (pre 1994 upgrade)	
118	525-167	Teflon Washer for Swing Catch	
119	535-825	Spring, Swing Catch	
120	530-032	Screw	
121	530-045	Spring Spacer	
122	505-110	Sealed Pull Pin Assembly	
123	525-210	Sealed Pull Pin Retro Fit Kit	
123a	515-018	Earphone, Right, 9"	
123b	515-102	For Earphone Cover Set	
123c	530-498	Order 510-482	
123d	535-490	Communication Wire 9"	
123e	520-015	Protecron, Earphone	
123f	510-542	For Earphone Cover Set	
123g	510-542	Covers, Earphone, Pre-April 2011	
124	515-010	Earphone, Left, 15.5"	
124a	515-101	Communication Wire 15.5"	
124b	520-038	Tie-Wrap	
125	515-029	Microphone	
126	515-033	Communications Set	
127	515-055	Writing Harness	
128	330-035	Washer	
129	330-030	Cover, Comm Module	
130	510-630	Cover, Comm Module	
131	530-525	Washer	
132	530-308	Hex Nut	
133	550-040	Mount Nut	
134	520-132	Comm Module/ Drilled For Posts	
135	510-029	O-ring	
136	315-020	Communications Post	
137	515-049	Single Wire Terminal	
138	510-481	O-ring	
139	555-175	Packing Gland	
140	520-113	Female Set	
141	555-178	Packing Nut	
142	515-045	Waterproof Connector, (Male) 4 Pin	
143	505-047	W.P. Connector Assembly	
144	515-023	Comm Assembly w/Posts	
145	515-024	Comm Assembly w/W.P. Conn.	
146	320-026	Comm Mount Nut	
147	510-450	O-ring, Neck Ring	

Location # Part # Description

147	540-105	Split Ring, (2 Required)	
148	510-504	Neck Dam, Neoprene, Medium, SL 27	
149	510-500	Neck Dam, Latex, SL 27, Med-Lg optional	
150	560-078	Stepped Neck Dam Ring	
151	505-142	Pull Strap Assembly	
152	540-115	Strap Plate	
153	530-220	Screw	
154	530-024	Screw	
155	505-111	Chin Strap Assembly	
156	530-031	Screw	
157	505-095	Neck Ring Assembly, Complete	
158	530-545	N.R. Assembly, SL 27 Complete (latex) optional	
159	530-027	Washer	
160	530-028	Hinge Bolt	
161	560-111	Lock Nut	
162	560-113	Locking Collar	
163	530-547	Adjustment Nut, Neck Pad	
164	520-136	Washer	
165	530-145	Neck Pad w/163 (2)	
166	530-044	T-Washer	
167	520-060	Screw	
168	520-060	Adjustment Nipple	
169	530-533	O-ring	
170	530-037	Port Tube Adapter	
171	545-570	Port Tube Assembly	
172	510-768	S.S. Reg Body Assembly, Spacer for 27	
173	510-015	O-ring	
174	520-023	Bearing Clip	
175	550-517	Main Tube	
176	205-01555	Inlet Valve Assembly	
177	210-045	Seat	
178	220-05055	Inlet Valve Body	
179	235-015	Spring	
180	220-030	Balance Spacer	
181	505-562	Flex Knob Assembly	
182	520-517	Flex Adjustment Knob	
183	550-523	Adjustment Shaft	
184	510-012	O-ring	
185	550-526	Packing Nut	
186	510-017	O-ring	
187	210-055	Balance O-ring	
188	540-545	High Flow Lever Arm	
189	540-531	Lock Clip	
190	205-010	Diaphragm Assembly	
191	560-525	Cover Retaining Ring	
192	210-043	Diaphragm Cover	
193	530-052	Screw	
194	530-527	Washer	
195	510-019	O-Ring	
196	520-022	Exhaust Valve Insert	
197	540-012	Retainer Ring	
198	510-776	Exhaust Valve	
199	505-560	Stainless Steel Regulator Assembly, SuperFlow 450	
525-620		Tool Kit (not shown)	

KM-37 Helmet Breakdown



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KM-37 Helmet Parts List

Kirby Morgan 37 Helmet 500-050 / 500-051

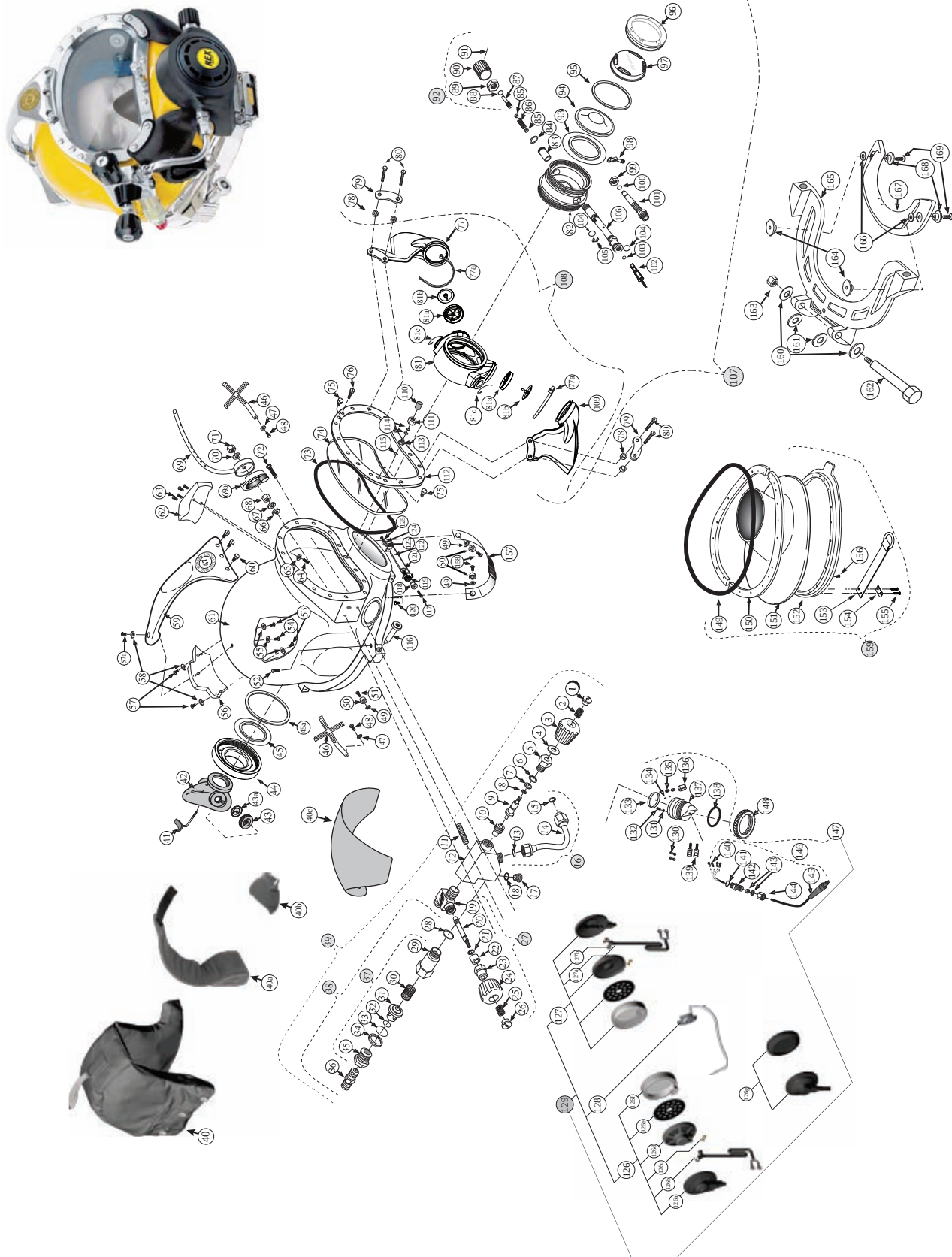
Location #	Part #	Description
1	520-054	Visor
2	510-754	Head Cushion Assembly
	510-722	Head Cushion Bag
3	510-837	Head Cushion Foam Spacer Assembly
	510-836	Head Cushion Foam Spacer Bag
4	510-683	Chin Cushion Assembly
	510-639	Chin Cushion Bag
5 #	505-024	Side Block Assembly (B)
	505-025	Side Block Assembly (B), Brass
6	520-033	O-ring, Teflon
7	555-154	Bent tube Assembly, No O-rings
8	510-012	O-ring
9	555-155	Bent Tube Assem w/O-rings
10	560-125	Weight, Top
	560-116	Weight, Top, Brass
11	530-070	Screw
12	530-032	Screw
13	530-070	Screw
14	530-540	Washer
15	505-107	Helmet Shell, 37 with Ring
16	530-078	Screw
17	530-540	Washer
18	530-527	Washer
19	530-078	Screw
20	560-133	Handle, 37
21	560-136	Handle, Brass, 37
	560-192	Plaque, 37
22	560-194	Handle with Plaque, 37
	560-195	Handle with Plaque, Brass 37
23	530-045	Screw
24	510-762	Air Train Gasket
25	530-050	Screw
26	530-535	Washer
27	530-415	Washer, Lock
28	530-317	Nut
29	545-016	Air Train
30	530-535	Washer
31	530-317	Nut
32	560-032	Weight, Port Side
	560-033	Weight, Port Side, Brass
33	530-062	Screw
34	530-052	Screw
35	530-035	Screw
36	550-062	Knob, Nose Block
	550-252	Knob, Nose Block, Brass
37	555-180	Packing Nut
	555-190	Packing Nut, Brass

Location #	Part #	Description
38	510-008	O-ring
39	550-116	Nose Block Guide
	550-249	Nose Block Guide, Brass
40	560-070	Port Retainer, w/#39
	560-071	Port Retainer, Brass, w/#39
41	510-010	O-ring
42	520-004	Face Port/ Lens
43	510-260	O-ring, View Port
44	530-015	Screw
45	530-032	Screw
46	505-110	Sealed Pull Pin
47	550-063	Exhaust Body
48	510-561	Main Exhaust Valve
49	510-033	O-ring
50	520-042	Tie Wrap
51	530-019	Screw
52	510-007	O-ring
53	560-530	Main Exhaust Adapter Cover
54	505-111	Chin Strap Assembly
	<i>Purchase 525-716 Kit</i>	
55	510-786	Starboard Whisker Wing
56	510-760	Quad Valve Exhaust Main Body
57	520-042	Tie Wrap
58	520-200	Whisker Exhaust Valve Insert
59	510-776	Exhaust Valve
60	520-118	Tri/Quad Valve Whisker Clamp
61	530-008	Brass Screw
62	530-009	Brass Nut
63	510-787	Port Whisker Wing
64	505-730	Quad Valve Exhaust Assembly
65	530-045	Screw
66	550-061	Spacer
67	540-015	Kidney Plate
68 ##	505-069	Regulator Assembly 1" Mount Tube
69	530-546	Washer for Swing Catch
70	530-035	Screw
71	550-061	Spacer
72	540-086	Swing Catch
73	520-167	Teflon Washer for Swing Catch
74	535-825	Spring, Swing Catch
75	530-045	Screw
76	550-122	Spring Spacer
77 ###	505-119	Neck Ring Assembly (neoprene) Med.
78	530-545	Washer
79	530-028	Lock Nut
80	560-111	Locking Collar
81	550-113	Adjustment Nut, Neck Pad

Location #	Part #	Description
82	520-098	Neck Pad
83	530-064	Screw
84	550-045	T-Washer
85	530-027	Hinge Bolt
86	520-165	Washer
87	320-026	Comm. Mount Nut
88 ###	515-029	Microphone Assembly
89 ###	515-019	Earphone, Left, 15.5"
90	515-018	Earphone, Right, 9"
91	515-024	Comm. Assembly w/MWP
92	515-023	Comm. Assembly w/Posts
93	510-575	Nose Block Pad
94	545-015	Nose Block Device
95	520-020	Valve Body
96	510-550	Valve, Oral Nasal
97	510-747	Oral Nasal Mask
98	550-081	Nut, Regulator Mount
99	510-490	O-ring
100	540-054	Earphone Retainer
101	530-527	Washer
102	530-018	Screw
103	530-702	Snap
104	530-519	Washer
105	530-031	Screw

For further break down information on these assemblies, see:
page 158
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KM-47 Helmet Breakdown



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KM-47 Helmet Parts List

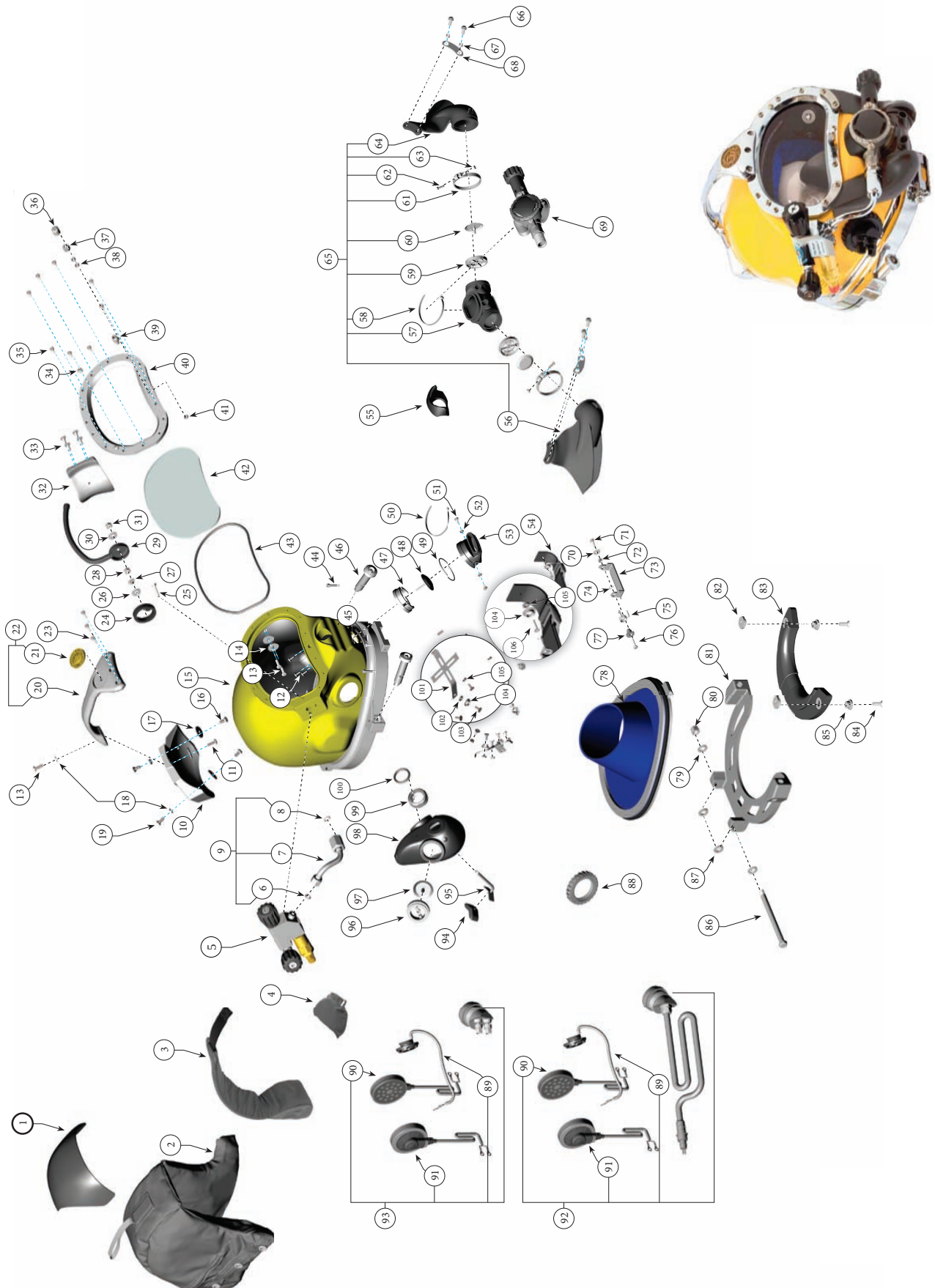
Kirby Morgan 47 Helmet 500-070 / 500-071

Location #	Part#	Description	Location #	Part#	Description
1	550-019	Locknut	41	545-015	Nose Block Device
2	535-802	Spring	42	510-575	Nose Block Pad
3	520-524	Flex Knob, Steady Flow	43	510-743	Oral Nasal Mask
4	520-030	Washer	44	520-020	Valve Body
5	550-020	Bonnet	45	510-550	Valve, Oral Nasal
6	520-015	O-ring	46	550-372	Nut, Regulator Mount
7	520-031	Washer	47	510-741	Valve, Water Dump
8	510-010	O-ring	48a	320-040	Regulator Mount
9	550-022	Valve Stem	46	540-054	Earphone Retainer
10	530-023	Seat Assembly	47	530-527	Washer
11	550-024	Stud, Side Block	48	530-018	Screw
12	550-029	Side Block, Body B	49	530-519	Washer
13	520-033	O-ring, Teflon	50	530-702	Male Snap
14	555-167	Bent tube Assembly	51	530-018	Screw
15	510-012	O-ring	52	530-015	Screw
16	555-168	Bent Tube Assem w/O-rings	53	530-078	Screw
17	550-095	L. P. Plug, w/O-ring	54	530-070	Screw
18	310-003	O-ring	55	530-540	Washer
19	550-140	Emergency Valve Body	56	560-125	Weight, Top
20	550-138	Valve Stem, Emergency	57	530-078	Screw
21	540-095	Packing Washer	57a	530-070	Screw
22	520-024	Packing	58	530-527	Washer
23	550-091	Packing Nut	59	560-186	Handle, KM 47
24	520-525	Flex Knob, Emergency Valve	60	530-045	Screw
25	535-802	Spring	61	505-162	Ring
26	550-019	Locknut	62	560-032	Weight, Port Side
27	505-070	Emergency Valve As-sembly	63	530-062	Screw
28	510-483	O-ring	64	530-070	Screw
29	Body	For	65	530-540	Washer
30	Spring	Replace-ment	66	530-535	Washer
31	Poppet	Order Complete	67	530-415	Washer, Lock
32	O-ring	Parts see Loc. # 37	68	530-317	Nut
33	O-ring	Order	69a	545-016	Air Train
34	Wiper	Kit	70	510-762	Air Train Gasket
35	Seat	#525-330	71	530-535	Washer
36	555-117	Adapter, Brass, 1/4" NPT0,	72	530-317	Nut
37	555-195	One-Way Valve	73	510-050	Screw
38	505-060	One-Way Valve As-sembly	74	520-004	O-ring, View Port
39	505-024	Side Block Assembly (B)	75	520-004	Face Port
40	510-754	Head Cushion	76	530-052	Screw
40a	510-722	Head Cushion Bag	77	530-035	Screw
	510-837	Head Cushion Foam	77a	510-785	Port Whisker Wing, Rex
	510-836	Head Cushion Foam	78	520-042	11" Tie Wrap
		Spacer Bag	79	550-061	Spacer
40b	510-683	Chin Cushion Assembly	80	540-015	Kidney Plate
	510-639	Chin Cushion Bag	81	530-045	Screw
40c	520-054	Visor	81	510-783	Whisker Main Body, REX
			81a	520-200	Valve Seat
			81b	510-776	Exhaust Valve
			81c	520-038	Tie wrap

Location #	Part#	Description	Location #	Part#	Description
82	560-514	Regulator Body, REX	126	515-018	Earphone, Right, 9"
83	350-035	Sleeve	126a		Order Earphone Cover Set 510-842
84	510-015	O-ring	126b	515-102	Communication Wire 9"
85	350-065	Spacer	126c	530-098	Screw
86	535-910	Spring	126d	515-090	Earphone Speaker
87	350-052	Shaft, Adjustment	126e	520-015	Protector, Earphone
88	510-011	O-ring	126f		Order Earphone Cover Set 510-842
89	350-025	Packing Nut	126g	510-542	Covers, Earphone, Pre-April 2011
90	320-035	Knob, Adjustment	127	515-019	Earphone, Left, 15.5"
91	530-601	Retaining Knob Pin	127a	515-101	Communication Wire 15.5"
92	305-045	Reg Adjustment As-sembly	127b	520-038	Tie-Wrap
93	510-777	Exhaust Valve, REX	128	515-029	Microphone
94	510-553	Regulator	129	515-033	Communications Set, 17K
95	320-030	Washer	130	515-055	Wiring Harness, Posts
96	550-042	Cover Retainer Ring	131	330-035	Washer
97	510-006	Cover, REX	132	330-030	Screw
98	545-038	Roller Lever Arm As-sembly	133	510-630	Cover, Comm. Module
99	550-560	Nut, Adjustment Lock, REX	135	530-525	Washer
100	310-007	O-ring	136	530-308	Nut
101	550-542	Nipple Tube REX	137	520-130	Comm Module drilled for Posts
102	305-057	Inlet Valve Assembly, EXO-BR, REX			Comm Module drilled for W/P Comm/Male
103	310-006	O-ring	138	510-029	O-ring
104	310-013	O-ring	139	315-020	Communications Post
105	340-004	Horseshoe	140	515-049	Single Wire Terminal
106	350-032	Main Tube	141	510-481	O-ring
107	505-278	Regulator Assembly	142	555-175	Packing Gland
108	525-764	REX Whisker Wing	143	520-113	Ferrule Set
109	510-784	Starboard Whisker Exhaust Kit	144	555-178	Packing Nut
110	550-062	Knob, Nose Block	145	515-045	Waterproof Connector, Male 4-Pin
111	555-180	Packing Nut, Nose Block	146	505-047	W.P. Connector As-sembly
112	560-070	Port Retainer	147	515-023	Comm Assembly w/ Posts
113	550-116	Nose Block Guide		515-024	Comm Assembly w/W/P Comm.
114	510-008	O-ring	148	320-026	Comm Mount Nut
115	510-010	O-ring	149	510-450	O-ring, Neck Ring
116	505-110	Sealed Pull Pin *	150	540-105	Split Ring, (2 Required)
117	530-045	Screw	151	510-628	Neck Dam, Neoprene (med)
118	550-122	Spring Spacer		510-631	Neck Dam, Latex (sm-med)
119	535-825	Spring	152	560-078	Stepped Neck Dam Ring
120	530-032	Screw			
121	520-167	Teflon Washer for Swing Catch			
122	540-086	Swing Catch			
123	550-061	Spacer			
124	530-546	Washer for Swing Catch			
125	530-035	Screw			

* CAN ONLY BE REPAIRED BY A TRAINED TECHNICIAN.

KM-57 Helmet Breakdown



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Kirby Morgan 57 Helmet

500-080 / 500-081

Location #	Part #	Description
1	520-054	Visor
2	510-754	Head Cushion Assembly
3	510-722	Head Cushion Bag
3	510-837	Head Cushion Foam Spacer Assembly
4	510-836	Head Cushion Foam Spacer Bag
4	510-683	Chin Cushion Assembly
4	510-639	Chin Cushion Bag
5 #	505-024	Side Block Assembly (B)
5	505-025	Side Block Assembly (B), Brass
6	520-033	O-ring, Teflon
7	555-154	Bent tube Assembly, No O-rings
8	510-012	O-ring
9	555-155	Bent Tube Assem w/O-rings
10	560-125	Weight, Top
11	560-116	Weight, Top, Brass
12	530-070	Screw
12	530-032	Screw
13	530-070	Screw
14	530-540	Washer
15	505-108	Helmet Shell, 57 with Ring
16	530-078	Screw
17	530-540	Washer
18	530-527	Washer
19	530-078	Screw
20	560-133	Handle, 57
21	560-196	Handle, Brass, 57
22	560-535	Handle with Plaque, 57
22	560-523	Handle with Plaque, Brass 57
23	530-045	Screw
24	510-762	Air Train Gasket
25	530-050	Screw
26	530-535	Washer
27	530-415	Washer, Lock
28	530-317	Nut
29	545-016	Air Train
30	530-535	Washer
31	530-317	Nut
32	560-032	Weight, Port Side
32	560-033	Weight, Port Side, Brass
33	530-062	Screw
34	530-052	Screw
35	530-035	Screw
36	550-062	Knob, Nose Block
36	550-252	Knob, Nose Block, Brass
37	555-180	Packing Nut
37	555-190	Packing Nut, Brass

Location #	Part #	Description
38	510-008	O-ring
39	550-116	Nose Block Guide
39	550-249	Nose Block Guide, Brass
40	560-071	Port Retainer, w/#39
40	560-070	Port Retainer, Brass, w/#39 Brass
41	510-010	O-ring
42	520-004	Face Port
43	510-260	O-ring, View Port
44	530-015	Screw
45	530-032	Screw
46	505-110	Sealed Pull Pin
47	550-063	Body, Water Dump
48	510-561	Valve, Water Dump, Black
49	510-033	O-ring
50	520-042	Tie Wrap
51	530-019	Screw
52	510-007	O-ring
53	560-530	Cover, Water Dump Adapter
54	505-111	Chin Strap Assembly
55	510-781	Spacer for 57
56	510-786	Starboard Whisker Wing
57	510-760	Quad Valve Exhaust Main Body
58	520-042	Tie Wrap
59	520-200	Whisker Exhaust Valve Insert
60	510-776	Exhaust Valve
61	520-118	Tri/Quad Valve Whisker Clamp
62	530-008	Brass Screw
63	530-009	Brass Nut
64	510-787	Port Whisker Wing
65	505-730	Quad Valve Exhaust Assembly
66	530-045	Screw
67	550-061	Spacer
68	540-015	Kidney Plate
69 ##	505-560	SS Balanced Regulator,
		SuperFlow® 450
70	530-546	Washer for Swing Catch
71	530-035	Screw
72	550-061	Spacer
73	540-086	Swing Catch
74	520-167	Teflon Washer for Swing Catch
75	535-825	Spring, Swing Catch
76	530-045	Screw
77	550-122	Spring Spacer
78 ###	505-119	Neck Ring Assembly (neoprene) Med.
79	530-545	Washer
80	530-028	Lock Nut

Location #	Part #	Description
81	560-111	Locking Collar
82	550-113	Adjustment Nut, Neck Pad
83	520-098	Neck Pad
84	530-064	Screw
85	550-045	T-Washer
86	530-027	Hinge Bolt
87	520-165	Washer
88	320-026	Comm. Mount Nut
89	515-029	Microphone Assembly
90 ###	515-019	Earphone, Left, 15.5"
91 ###	515-018	Earphone, Right, 9"
92	515-024	Comm. Assembly w/MWP
93	515-023	Comm. Assembly w/Posts
94	510-575	Nose Block Pad
95	545-015	Nose Block Device
96	520-020	Valve Body
97	510-550	Valve, Oral Nasal
98	510-747	Oral Nasal Mask
99	550-081	Nut, Regulator Mount
100	510-490	O-ring
101	540-054	Earphone Retainer
102	530-527	Washer
103	530-018	Screw
104	530-702	Snap
105	530-519	Washer
106	530-031	Screw

For further break down information on these assemblies, see:
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KM-77 Helmet Parts List

Kirby Morgan 77 Helmet P/N 500-090 / 500-091

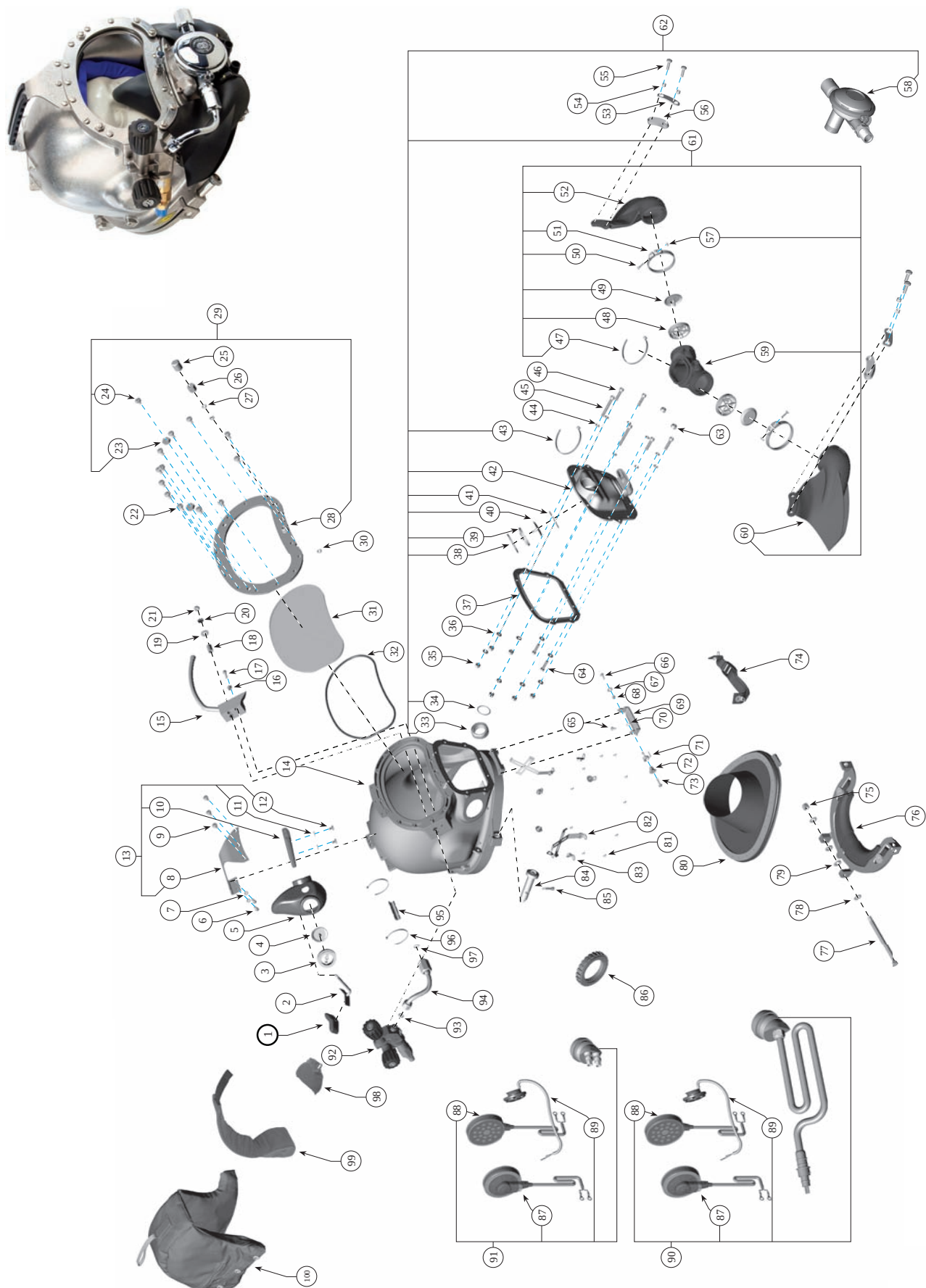
Location #	Part #	Description
1	510-575	Nose Block Pad
2	545-015	Nose Block Device
3	520-020	Valve Body
4	510-550	Valve, Oral Nasal
5	510-743	Oral Nasal Mask
6	530-058	Screw
7	330-405	Washer
8	540-569	Handle, Helmet
9	530-059	Screw
10	510-795	Grip, Handle
11	430-075	Washer
12	530-052	Screw
13	505-759	Handle Assembly
14	560-517	Helmet Shell, Stainless Steel
15	505-753	Airtrain Assembly, Stainless Helmet
16	550-571	Sleeve
17	530-083	Screw
18	550-574	Sleeve
19	530-535	Washer
20	530-415	Washer
21	530-317	Nut
22	530-059	Screw
23	550-566	Adapter
24	530-052	Screw
25	550-062	Knob, Nose Block
26	555-180	Packing Nut, Nose Block
27	510-008	O-ring
28	540-563	Port Retainer
29	505-738	Port Retainer Assembly
30	510-010	O-ring
31	520-004	Face Port
32	510-260	O-ring, View Port
33	550-372	Regulator Mount Nut
34	510-741	Valve, Water Dump
35	320-040	Regulator Mount Washer
36	530-145	Lock Nut
37	530-527	Washer
38	510-403	Gasket, Pod
39	560-516	Regulator Mount Pod
40	430-134	Washer
41	530-089	Screw
42	530-086	Screw

Location #	Part #	Description
43 #	505-278	REX Regulator Assembly
44	560-300	Zinc Whisker Anode
45	540-015	Kidney Plate
46	550-586	Spacer, Whisker
47	530-070	Screw
48	530-145	Lock Nut
49	530-086	Screw
50	530-032	Screw
51	530-035	Screw
52	530-546	Washer for Swing Catch
53	550-061	Spacer
54	540-086	Swing Catch
55	520-167	Teflon Washer for Swing Catch
56	535-825	Spring, Swing Catch
57	550-122	Spring Spacer
58	530-045	Screw
59	505-748	Chin Strap Assembly with Snaps
60	530-028	Lock Nut
61 ##	505-755	Locking Collar Assembly, S.S.
62	530-027	Hinge Bolt
63	520-165	Washer
64	530-545	Washer
65 ###	505-746	Neck Ring Assembly, Medium, S.S.
66	530-037	Screw
67	505-742	Earphone Retainer Assembly
68	505-740	Snap Tab Assembly, S.S.
69	505-110	Sealed Pull Pin Assembly
70	530-015	Screw
71	320-026	Comm. Mount Nut
72 ####	515-018	Earphone, Right, 9"
73 ####	515-019	Earphone, Left, 15.5"
74	515-029	Microphone Assembly
75	515-024	Comm. Assembly w/MWP
76	515-023	Comm. Assembly w/Posts
77 #####	505-732	Side block Assembly
78	520-033	O-ring, Teflon
79	555-172	KM 77 Bent Tube Assembly
80	510-012	O-ring
81	520-038	Tie Wrap
82	560-304	Zinc Sleeve Anode
83	510-683	Chin Cushion Assembly
	510-639	Chin Cushion Bag

Location #	Part #	Description
84	510-837	Head Cushion Foam Spacer Assembly
85	510-836	Head Cushion Foam Spacer Bag
	510-754	Head Cushion Assembly
	510-722	Head Cushion Bag

For further break down information on these assemblies, see:
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KM-37SS Helmet Breakdown



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KM-37SS Helmet Parts List

Kirby Morgan 37SS Helmet P/N 500-100 / 500-101

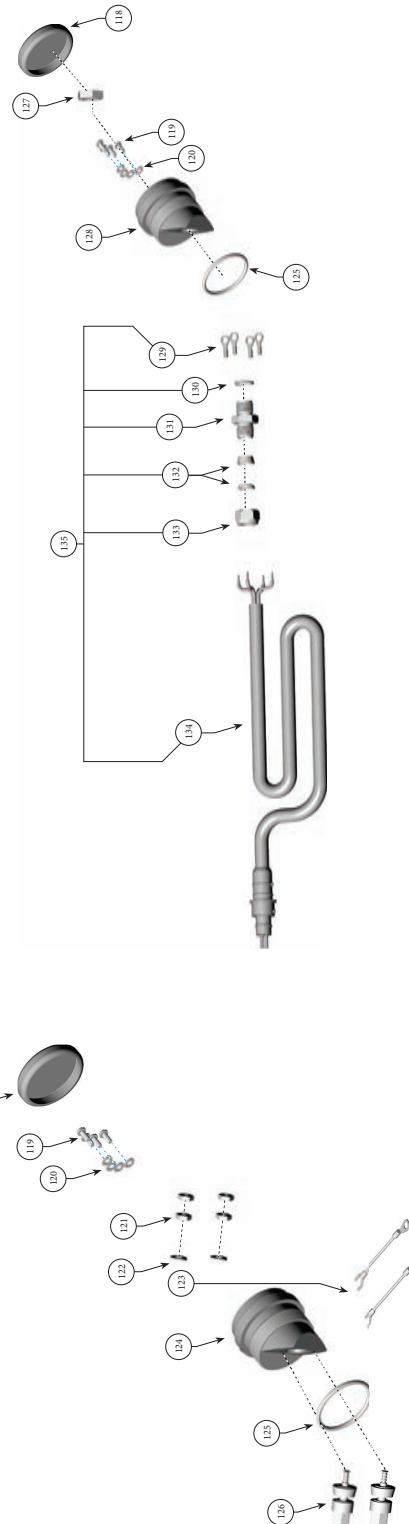
Location #	Part #	Description	Location #	Part #	Description	Location #	Part #	Description
1	510-575	Nose Block Pad	43	520-042	Tie Wrap	85	530-015	Screw
2	545-015	Nose Block Device	44	430-134	Washer	86	320-026	Comm. Mount Nut
3	520-020	Valve Body	45	530-089	Screw	87 ####	515-018	Earphone, Right, 9"
4	510-550	Valve, Oral Nasal	46	530-086	Screw	88 ####	515-019	Earphone, Left, 15.5"
5	510-747	Oral Nasal Mask	47	520-042	Tie Wrap	89	515-029	Microphone Assembly
6	530-058	Screw	48	520-200	Valve Seat	90	515-024	Comm. Assembly w/MWP
7	330-405	Washer, Lock	49	510-776	Exhaust Valve	91	515-023	Comm. Assembly w/Posts
8	540-579	Handle, Helmet, KM 37SS	50	530-008	Brass Screw	92 ####	505-732	Slide block Assembly
9	530-059	Screw	51	520-118	Tri/Quad Valve Whisker Clamp	93	520-033	O-ring, Teflon
10	510-795	Grip, Handle	52	510-787	Port Whisker Wing	94	555-154	Bent Tube Assembly, No O-rings
11	430-075	Washer	53	540-015	Kidney Plate	95	560-304	Zinc Sleeve Anode
12	530-052	Screw	54	550-586	Spacer, Whisker	96	520-038	Tie Wrap
13	505-765	Handle Assembly, KM 37SS	55	530-072	Screw	97	510-012	O-ring
14	560-517	Helmet Shell, Stainless Steel	56	560-300	Zinc Whisker Anode	98	510-683	Chin Cushion Assembly
15	505-753	Airtrain Assembly, Stainless Helmet	57	530-009	Brass Nut	99	510-639	Chin Cushion Bag
16	550-571	Sleeve	58 #	505-069	Regulator Assembly, 1" Mount Tube		510-837	Head Cushion Foam Spacer Assembly
17	530-083	Screw	59	510-760	Main Body Quad Valve Exhaust		510-836	Head Cushion Foam Spacer Bag
18	550-574	Spacer	60	510-786	Starboard Whisker Wing		510-754	Head Cushion Assembly
19	530-535	Washer	61	505-730	Quad Valve Exhaust Assembly	100	510-722	Head Cushion Bag
20	530-415	Washer	62	505-758	350 Regulator Pod Assembly			
21	530-317	Nut	63	530-145	Lock Nut			
22	530-059	Screw	64	530-086	Screw			
23	550-566	Adapter	65	530-032	Screw			
24	530-052	Screw	66	530-035	Screw			
25	550-062	Knob, Nose Block	67	530-546	Washer for Swing Catch			
26	555-180	Packing Nut, Nose Block	68	550-061	Spacer			
27	510-008	O-ring	69	540-086	Swing Catch			
28	540-563	Port Retainer	70	520-167	Teflon Washer for Swing Catch			
29	505-738	Port Retainer Assembly	71	535-825	Spring, Swing Catch			
30	510-010	O-ring	72	550-122	Spring Spacer			
31	520-004	Face Port	73	530-045	Screw			
32	510-260	O-ring, View Port	74	505-748	Chin Strap Assembly, w/ Snaps, S.S.			
33	550-081	Regulator Mount Nut	75	530-028	Lock Nut			
34	510-490	O-ring	76 ##	505-755	Locking Collar Assembly, S.S.			
35	530-145	Nut	77	530-027	Hinge Bolt			
36	530-527	Washer	78	520-165	Washer			
37	510-403	Gasket, Pod	79	530-545	Washer			
38	540-012	Retainer Ring	80 ####	505-746	Neck Ring Assembly, Medium, S.S.			
39	520-022	Exhaust Valve Insert	81	530-037	Screw			
40	510-776	Exhaust Valve	82	505-742	Earphone Retainer Assembly, S.S.			
41	510-019	O-ring	83	505-740	Snap Assembly, S.S.			
42	560-556	Regulator Mount Pod, 350	84	505-110	Sealed Pull Pin Assembly			

For further break down information on these assemblies, see:
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Comms Breakdown & Parts List

Location #	Part #	Description
107		For Earphone Cover Set
108	515-102	Order 510-842
109	530-098	Screw
110	515-090	Earphone, Speaker Only
111	520-015	Protector, Earphone
112		For Earphone Cover Set
113	515-018	Order 510-842
114	520-038	Earphone, Right 9"
115	515-101	Tie-Wrap
116	515-019	Communication Wire 15.5"
117	510-542	Earphone, Right 15.5"
118	510-630	Covers, Earphone, Pre-April 2011
119	330-030	Cover, Comm. Module
120	330-035	Screw
121	530-308	Washer
122	530-525	Hex Nut
123	515-055	Washer
124	520-130	Wiring Harness, Posts
125	510-029	Comm. Module for Posts
126	315-020	O-ring
127	550-040	Comm. Posts
128	520-132	Nut
129	515-049	Comm. Module for MWP Single Wire Terminal

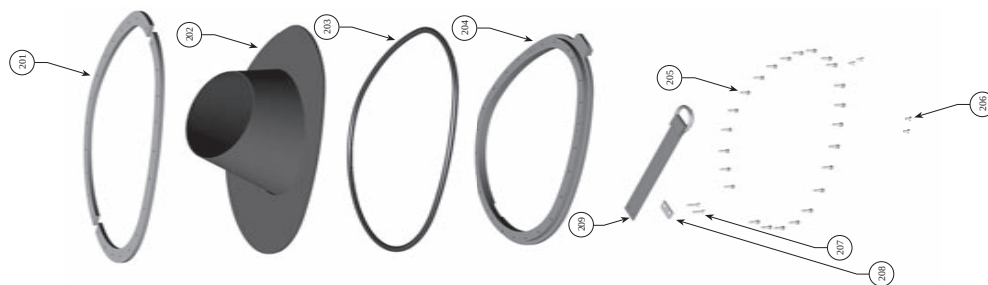
Location #	Part #	Description
130	510-481	O-ring
131	555-175	Packing Gland
132	520-113	Ferrule Set
133	555-178	Packing Nut
134	515-045	W.P. Connector (Male) 4 Pin
135	505-047	W.P. Connector Assembly



For KM-37, KM-57, KM-77 and KM-37SS Helmets



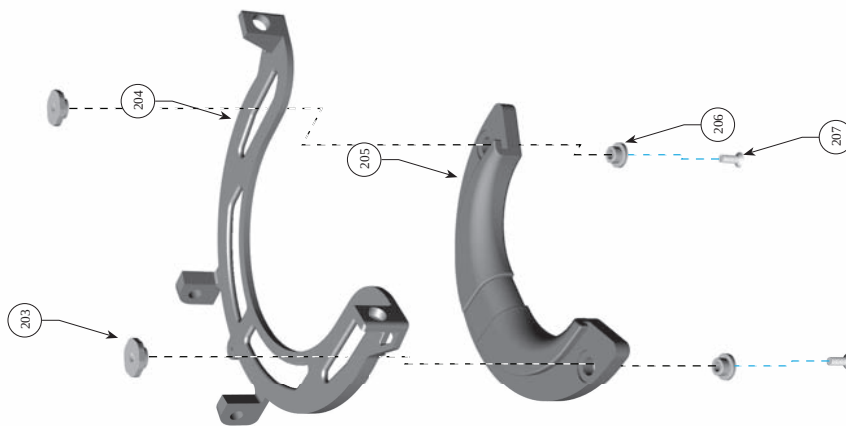
505-119



Location #	Part #	Description
201	540-105	Split Ring, (2 Required)
202	510-628	Neoprene Neck Dam, Medium
203	510-450	O-ring, Neck Ring
204	560-078	Stepped Neck Dam Ring
205	530-024	Screw
206	530-022	Screw
207	530-220	Screw
208	540-115	Strap Plate
209	505-142	Pull Strap Assembly

Neck Ring Assembly
for KM-37 and KM-57 Helmets

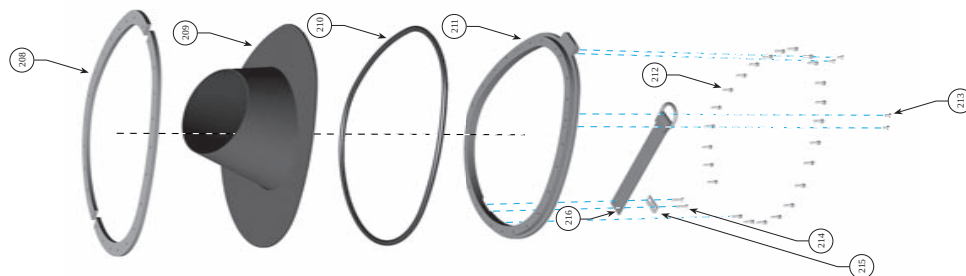
505-755



Location #	Part #	Description
203	550-113	Adjustment Nut, Neck Pad
204	560-541	Locking Collar, Stainless Steel
205	520-098	Neck Pad
206	550-045	T-Washer
207	530-064	Screw

Locking Collar Assembly
for KM-77 and KM-37SS Helmets

505-746

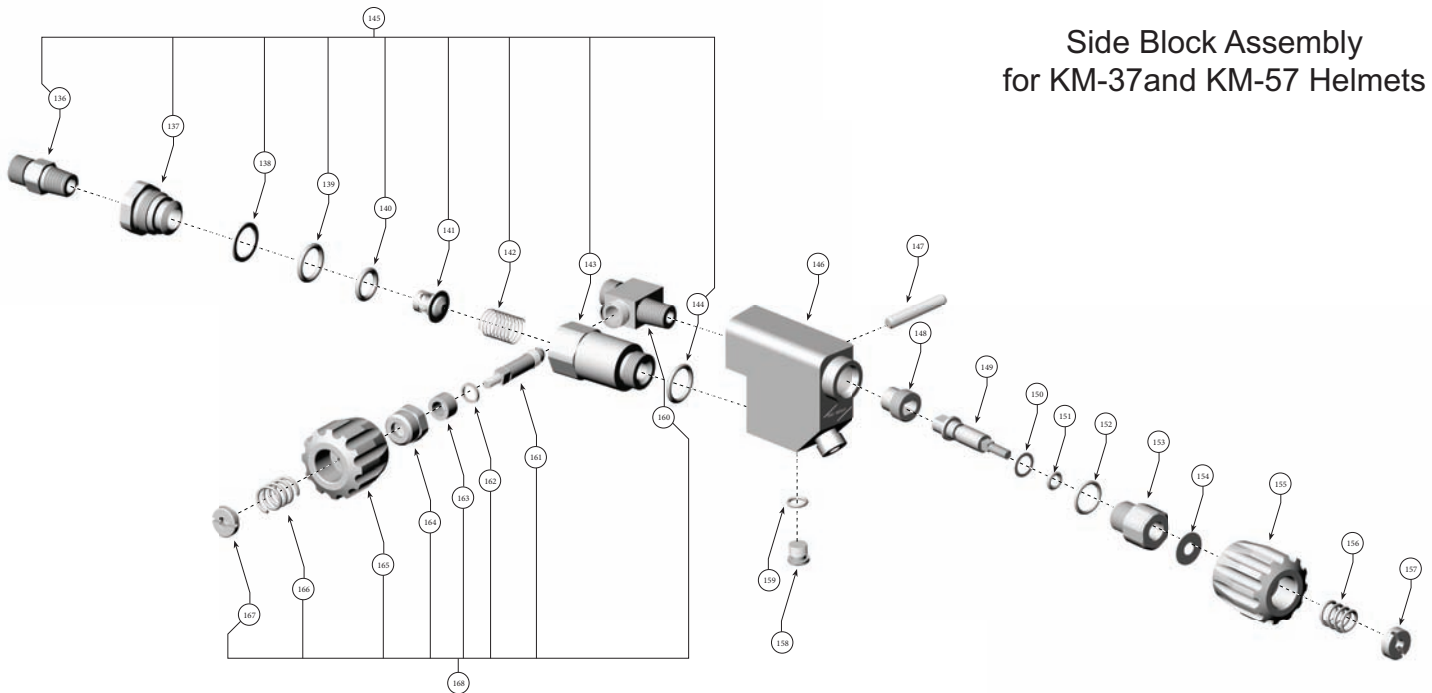


Location #	Part #	Description
208	540-546	Split Ring, Stainless Steel
209	510-628	Neoprene Neck Dam, Medium
210	510-450	O-ring, Neck Ring
211	560-542	Stepped Ring, Stainless Steel
212	530-024	Screw
213	530-022	Screw
214	530-220	Screw
215	540-115	Strap Plate
216	505-142	Pull Strap Assembly

Neck Ring Assembly
for KM-77 and KM-37SS Helmets

505-024 Breakdown

Side Block Assembly for KM-37 and KM-57 Helmets

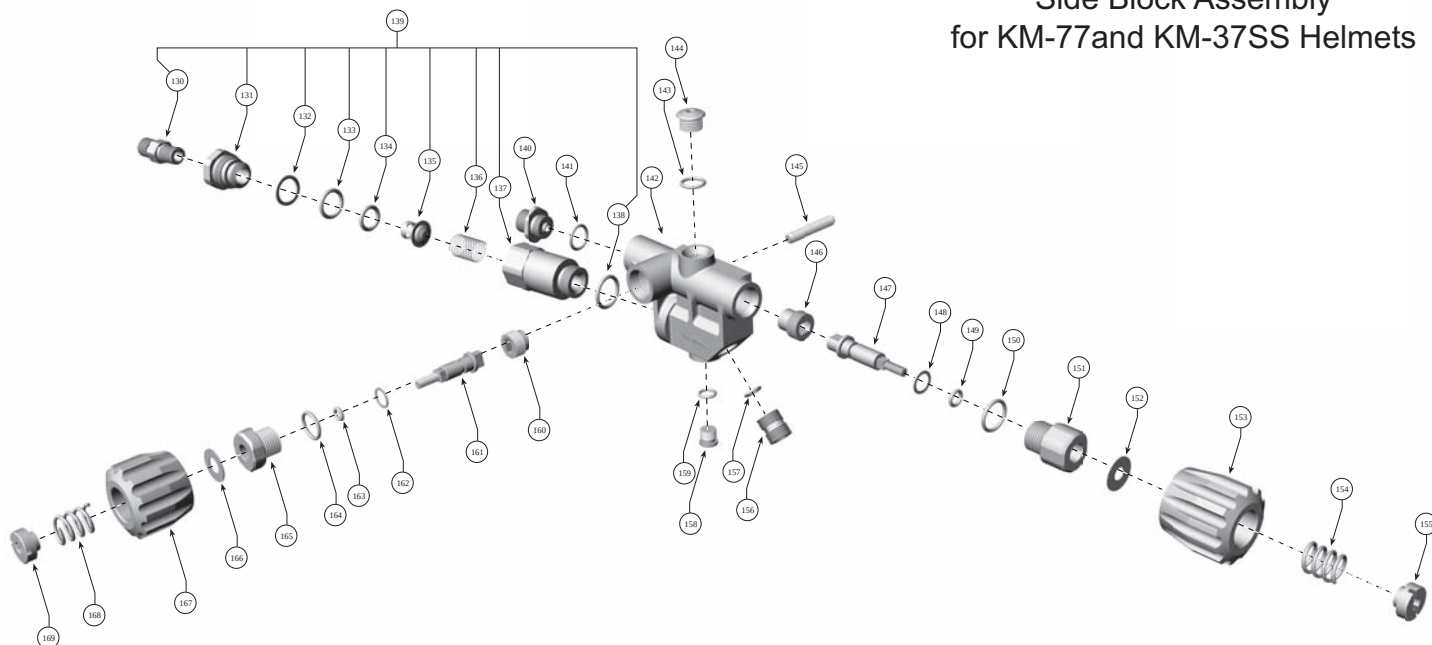


136	550-029	Side Block, Body 'B'
137	Order 525-330	Wiper
138	Order 525-330	O-ring
139	Order 525-330	O-ring
140	Order 555-195	Poppet
141	Order 525-330	Spring
142	Order 555-195	One-Way Valve
143	510-483	O-ring
144	505-060	One-Way Valve Assembly
145	550-029	Side Block, Body 'B'
146	550-024	Stud
147	550-023	Seat Assembly
148	550-022	Valve Stem
149	520-031	Washer
150	510-010	O-ring
151	510-015	O-ring
152	550-020	Bonnet
153	520-030	Washer
154	520-524	Flex Knob, Steady Flow
155	535-802	Spring
156	550-019	Lock Nut
157	550-095	Plug
158	310-003	O-ring
159	550-140	Emergency Valve Body
160	550-138	Valve Stem, Emergency
161	540-095	Packing Washer
162	520-024	Packing
163	550-091	Packing Nut
164	520-525	Flex Knob, Emergency Valve
165	535-802	Spring
166	550-019	Locknut
167	505-070	Emergency Valve Assembly



505-732 Breakdown

Side Block Assembly for KM-77and KM-37SS Helmets

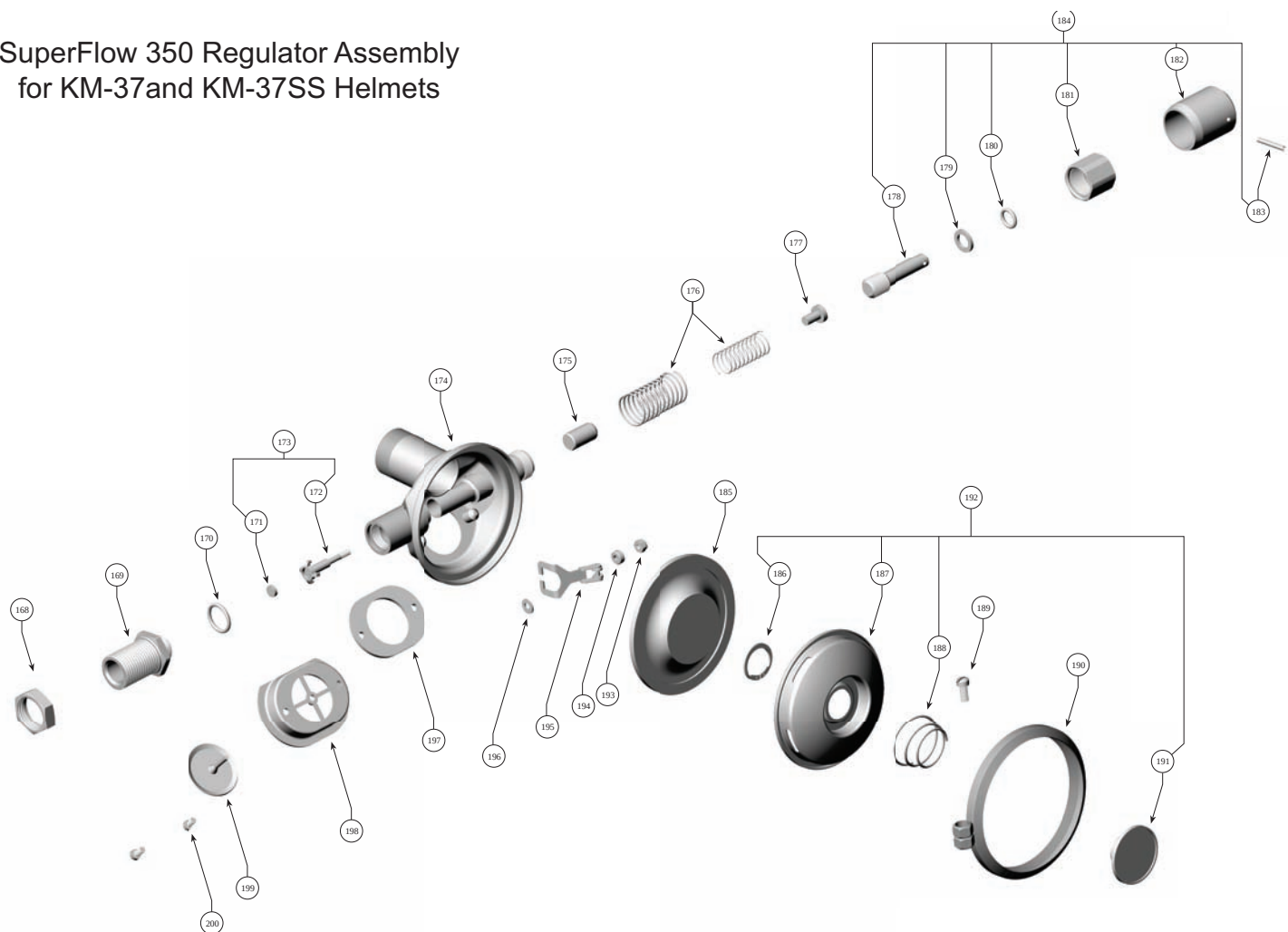


Location #	Part #	Description
130	Order 555-117	Adapter
131	Order 555-195	Seat
132	Order 525-330	Wiper
133	Order 525-330	O-ring
134	Order 525-330	O-ring
135	Order 555-195	Poppet
136	Order 525-330	Spring
137	Order 555-195	One-Way Valve
138	510-483	O-ring
139	505-060	One-Way Valve Assembly
140	550-046	Inlet Nipple "A"
141	510-014	O-ring
142	560-540	Sideblock Body
143	510-013	O-ring
144	350-062	Plug, Large
145	550-178	Stud
146	550-023	Seat Assembly
147	550-022	Valve Stem
148	520-031	Washer
149	510-010	O-ring
150	510-015	O-ring
151	550-568	Bonnet
152	520-030	Washer
153	520-524	Flex Knob, Steady Flow
154	535-802	Spring
155	550-019	Lock Nut
156	550-564	Bent Tube, Sideblock, Adapter*
157	520-033	O-ring*
158	550-094	Plug
159	310-003	O-ring
160	550-553	Seat Assembly
161	550-548	Valve Stem
162	520-523	Washer
163	510-008	O-ring
164	510-014	O-ring
165	550-551	Bonnet
166	520-522	Washer
167	520-525	Flex Knob, Emergency
168	535-802	Spring
169	550-019	Lock Nut

*Dealer Service only

505-069 Breakdown

SuperFlow 350 Regulator Assembly for KM-37and KM-37SS Helmets



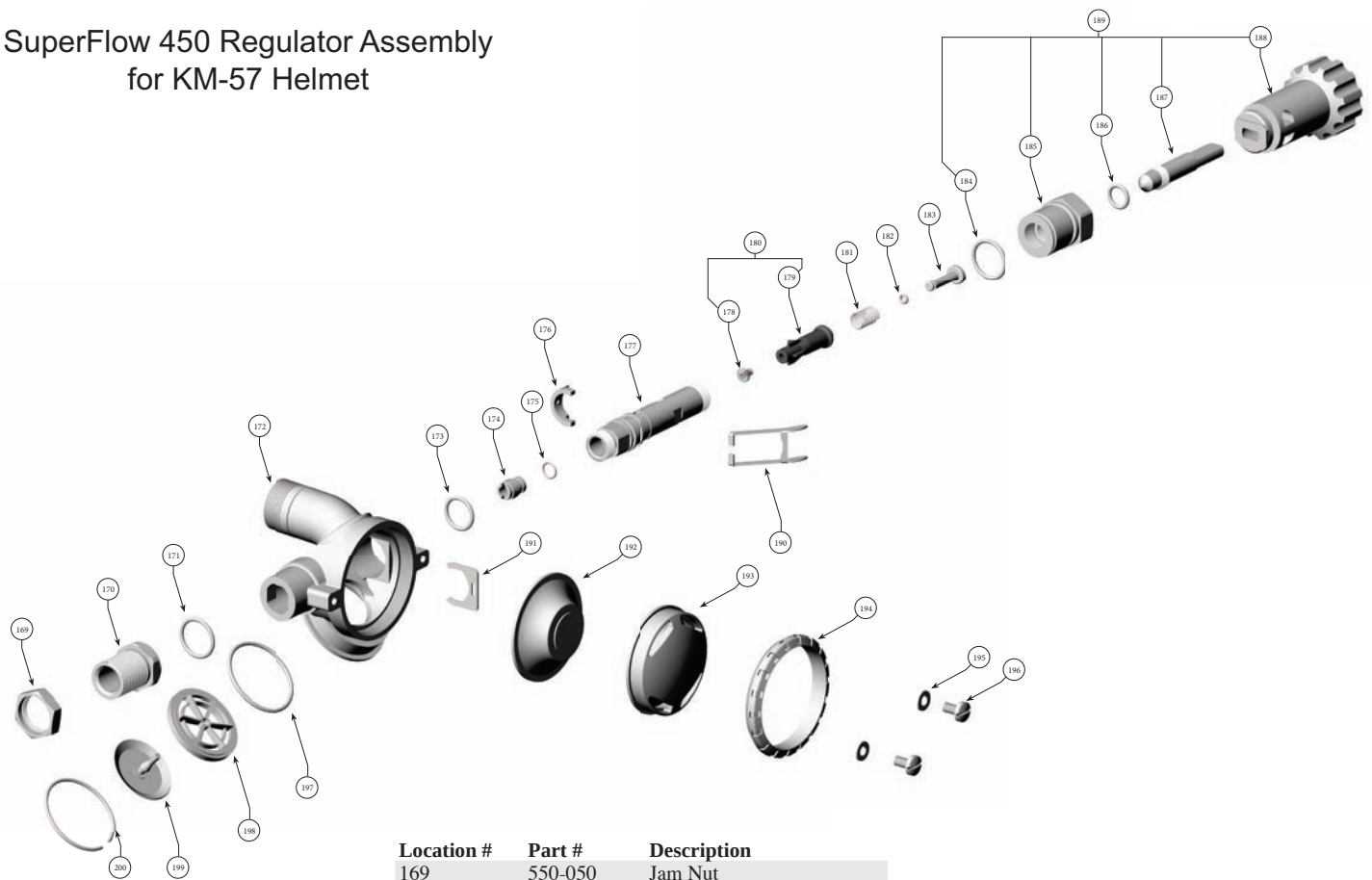
Location #	Part #	Description
168	550-050	Jam Nut
169	550-048	Inlet Nipple
170	510-014	O-ring
171	510-580	Inlet Valve Seat
172	550-076	Inlet Valve
173	545-026	Inlet Valve
174	545-080	Regulator Body
175	550-060	Piston
176	535-807	Spring Set
177	550-059	Spacer
178	550-057	Shaft
179	520-032	Washer
180	510-011	O-ring
181	550-055	Packing Nut
182	550-053	Knob, Adjustment
183	530-601	Retaining Pin
184	505-028	Regulator Adjustment Knob Assembly
185	510-553	Diaphragm

Location #	Part #	Description
186	535-905	Retaining Clip
187	540-055	Cover Only, Regulator, Metal
188	535-810	Spring, Purge Button
189	530-030	Screw
190	545-020	Clamp
191	520-017	Purge Button
192	545-018	Cover Assembly
193	530-303	Nut, Lock
194	550-052	Spacer
195	545-038	Roller Lever Arm Assembly
196	530-506	Washer
197	510-401	Gasket
198	540-122	Exhaust Flange, Chrome <i>Order P/N 525-027 Flange Kit</i>
199	510-552	Exhaust Valve
200	530-020	Screw



505-560 Breakdown

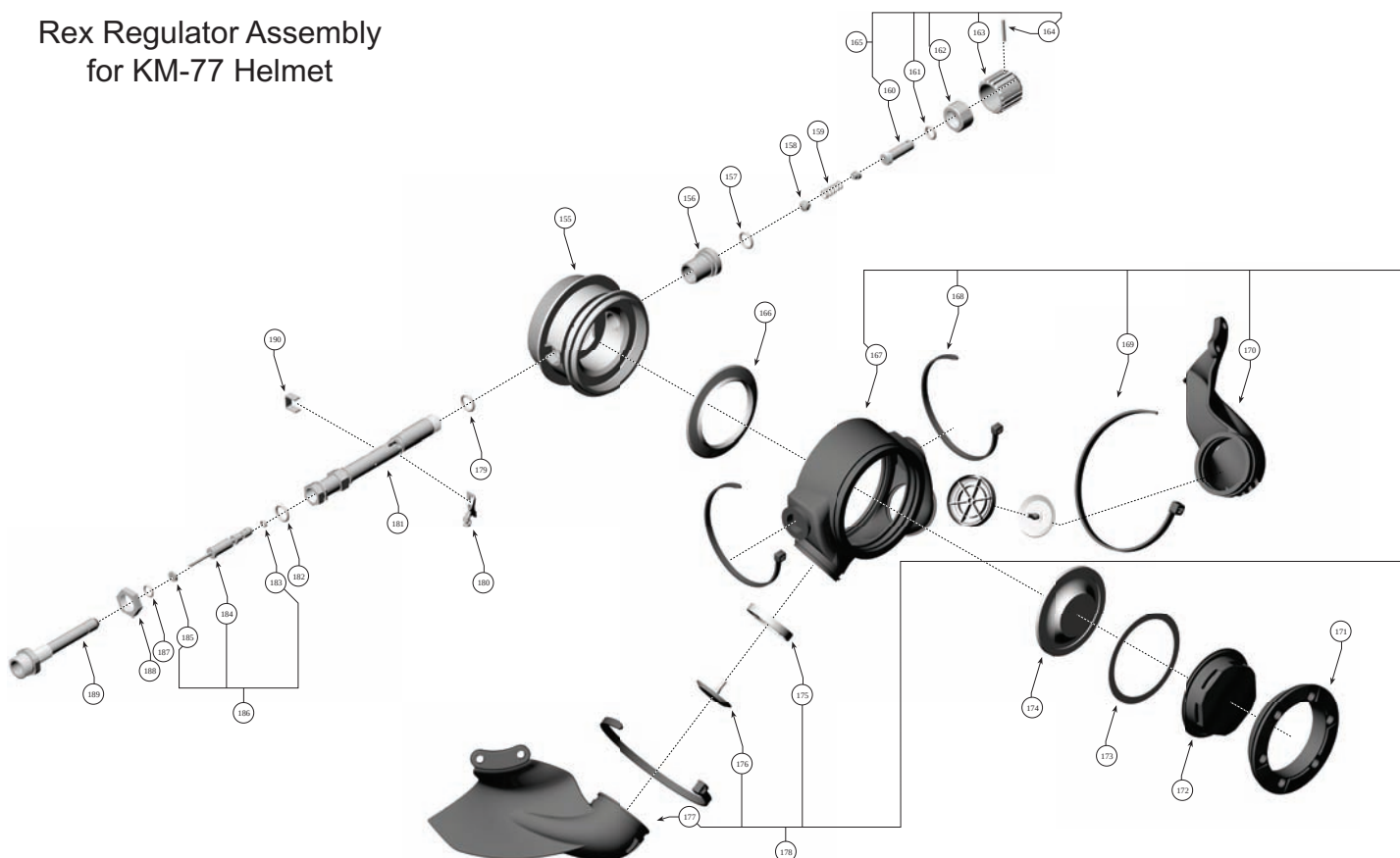
SuperFlow 450 Regulator Assembly for KM-57 Helmet



Location #	Part #	Description
169	550-050	Jam Nut
170	550-533	Bent Tube Adapter
171	510-017	O-ring
172	545-570	S.S. Reg Body Assembly.
173	510-015	O-ring
174	250-060	Nipple
175	210-050	O-ring, Adjustment Nipple
176	520-023	Bearing Clip
177	550-517	Main Tube
178	210-045	Seat
179	220-050SS	Inlet Valve, S.S. Tube
180	205-015SS	Inlet Valve Assembly.
181	235-015	Spring
182	210-055	Balance O-ring
183	220-030	Balance Spacer
184	510-017	O-ring
185	550-526	Packing Nut
186	510-012	O-ring
187	550-523	Adjustment Shaft
188	520-517	Adjustment Knob, Flexible
189	505-562	Flex Knob Adjustment Assembly.
190	540-545	High Flow Lever Arm
191	540-531	Lock Clip
192	205-010	Diaphragm Assembly.
193	210-043	Cover, 450 Regulator
194	560-525	Ring, Regulator Cover, 450
195	530-527	Washer
196	530-052	Screw
197	510-019	O-ring
198	520-022	Exhaust Valve Insert
199	510-776	Exhaust Valve
200	540-012	Retainer Ring

505-278 Breakdown

Rex Regulator Assembly for KM-77 Helmet



Location #	Part #	Description
155	560-514	Regulator Body, REX
156	350-035	Sleeve
157	510-015	O-ring
158	350-065	Spacer
159	535-910	Spring
160	350-052	Adjustment Shaft
161	510-011	O-ring
162	350-025	Packing Nut
163	320-035	Adjustment Knob
164	530-601	Retaining Pin
165	305-045	Adjustment Knob Assembly
166	510-777	Exhaust Valve, REX Regulator
167	510-783	Whisker, Main Body, REX
168	520-038	Tie-Wrap
169	520-042	11" Tie Wrap
170	510-785	Port Whisker Wing, REX
171	550-042	Cover Retaining Ring
172	510-006	Cover, REX
173	320-030	Washer
174	510-553	Diaphragm
175	520-200	Valve Seat
176	510-776	Exhaust Valve
177	510-784	Starboard Whisker Wing, REX
178	525-764	REX Whisker Wing Exhaust Kit
179	310-013	O-ring
180	545-038	Roller Lever Arm Assembly
181	350-032	Main Tube
182	310-013	O-ring
183	310-006	O-ring
184	320-038	Inlet Valve, Plastic, EXO-BR
185	310-070	Seat, Inlet Valve
186	305-057	Inlet Valve Assembly, EXO-BR, REX
187	310-007	O-ring
188	550-560	Adjustment Lock Nut, REX
189	550-542	Nipple Tube, REX
190	340-004	Horseshoe

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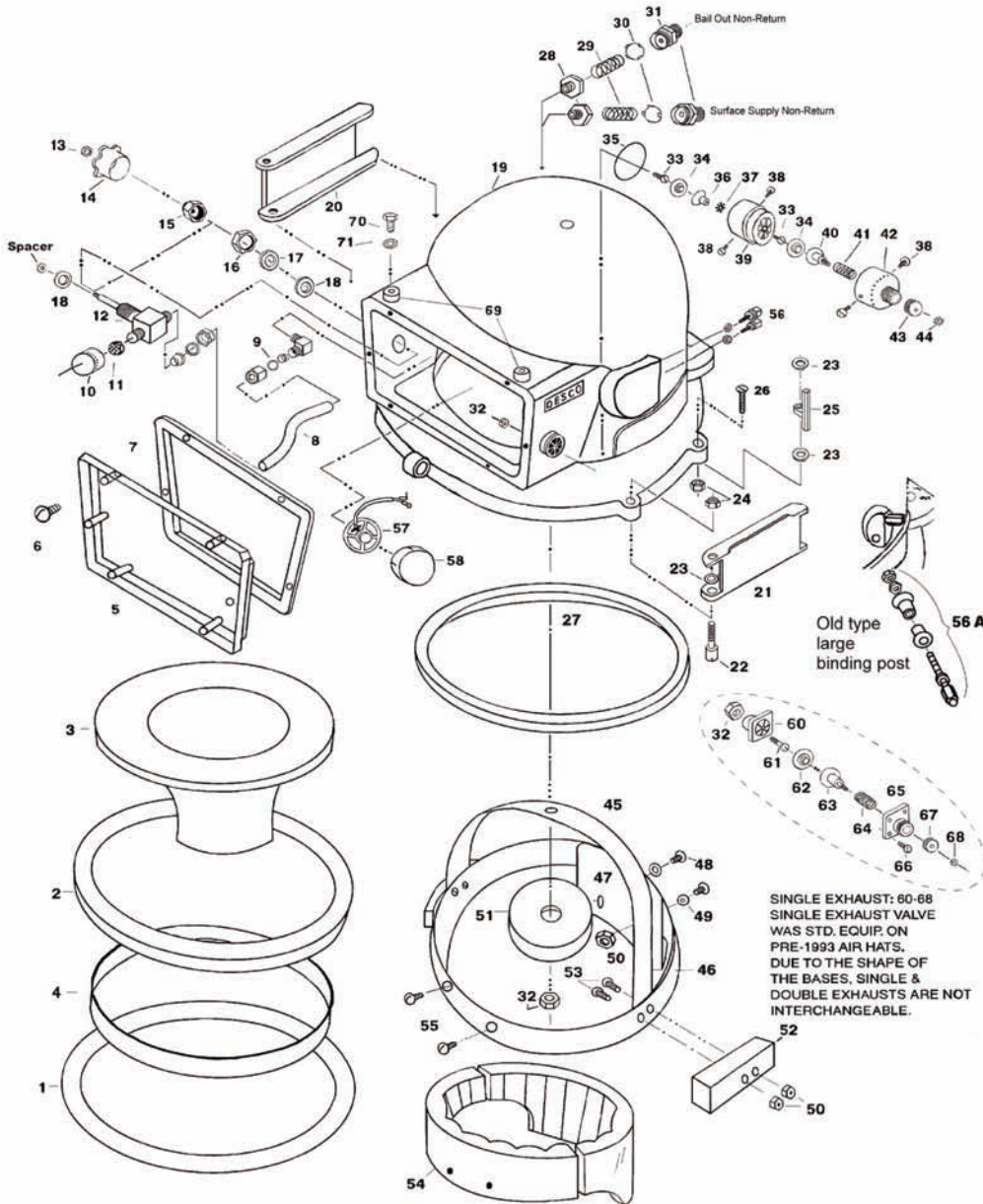
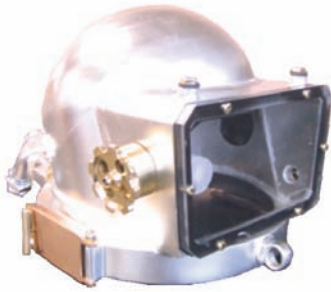
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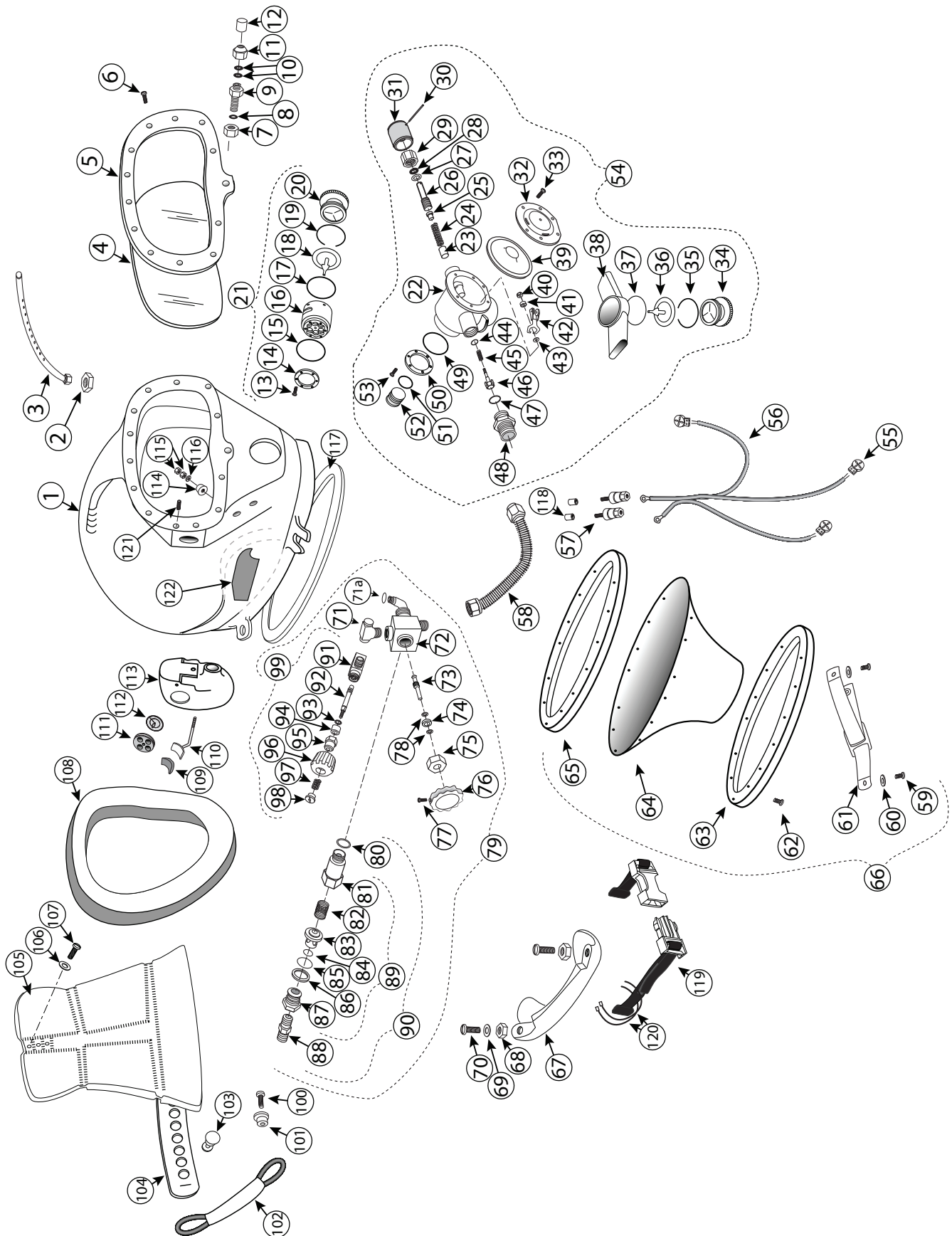


Desco Hat 61000 Breakdown



Item	P/N	Description
1-3	61050	Neck Ring Insert Assembly
1	61054	Neck Seal O-Ring
2	61051	Neck Ring Insert
3	61052	Neck Dam
4	61053	Shim
5-7	61075	Window Assembly
5	61076	Window
6	61078	Window Retaining Screws
7	61077	Window Gasket
8-18	61125	Air Intake Assembly
8	61127	Copper Tube
9	61126	Inside Elbow
10	61135	Air Distributor
11		Lambswool
12	61128	Control Valve
13	61134	Valve Handle Nut
14	61133S	Valve Handle (Small)
15	61132	Valve Stem Adapter
16	61131	Valve Retaining Nut
17	61130	Brass Washer
18	61129	Lead Washer
19-27	61025	Pot & Neck Ring Assembly
19	61026	Pot & Neckring
20	61034	Neck Ring Clamp (Right)
21	61035	Neck Ring Clamp (Left)
22	61030	Clamp Screw
23	61031	Clamp & Lock Washer
24	61032	Clamp & Lock Nut
25	61038	Lock
26	61037	Lock Retaining Screw
27	61036	Neck Ring Gasket
28-31	59091	Non-Return Valve Assembly
28	53079	Adapter
29	57029	Spring
30	52030	Plate
31	53029	Body
31	53029B	Body (Bailout)
32-44	60231	Double Exhaust Assembly
32	53025	Locknut
33	53037	Screw
34	56026	Flapper
35	60234	O-Ring
36	60238	Flapper Guard
37	60237	Star Washer
38	60235	Set Screw 6-32
39	60233	Center Section
40	53024	Plunger
41	57029	Spring
42	60236	Top Section
43	53028	Knurled Cap
44	54016	Nut
45-55	61100	Head Piece Assembly
45	61103	Top Band
46	61101	Head Band
47	61104	Back Plate
48	61108	3/8" Brass Screw
49	61109	Brass Flat Washer
50	61110	Brass Nut
51	61113	Top Pad
52	61112	Side Pad
53	61114	7/16" Brass Screw
54	61106	Insert
55	61107	Screw
56-59	61200	Communications
56	61224	Binding Post Ass'y (Small)
56a	61203	Binding Post Ass'y (Large)
57	61205	Speaker With Clips
58	61226	Foam Speaker Cover
59	61227	1/4" NPT Pipe Plug
60-68	59112T	Single Exhaust Assembly
60	51025	Exhaust Base
61	53037	Screw
62	53026	Flapper
63	53024	Plunger
64	27009	Spring
65	52090	Cover
66	54025	Screw
67	53028	Cap
68	54058	Nut
69-71	61115	Video/Light Mounts
69	61115	Video/Light Block
70	61116	Video/Light Block Bolt
71	61117	Video/Light Block Washer

Miller 400 Breakdown



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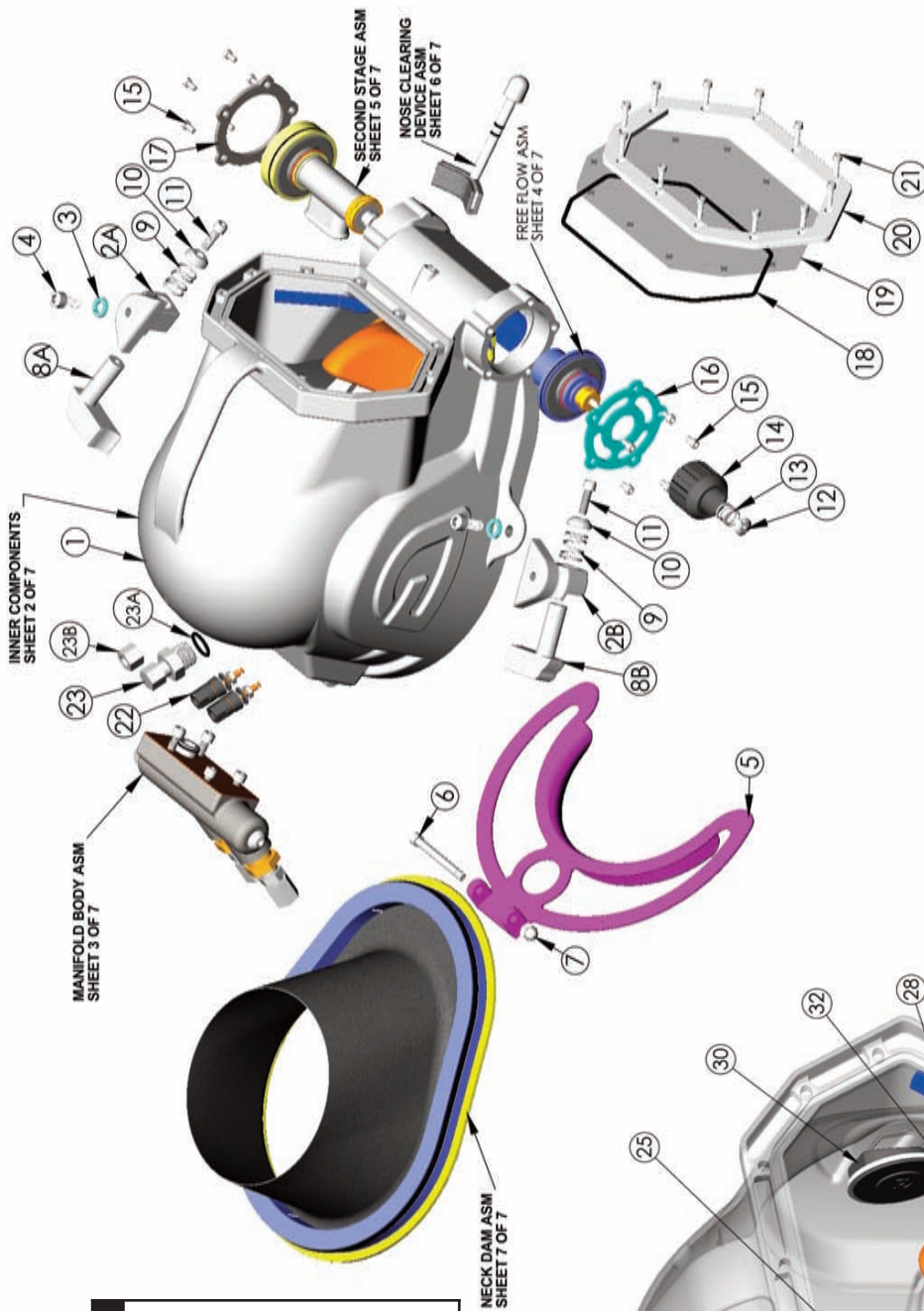
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Miller 400 Parts List

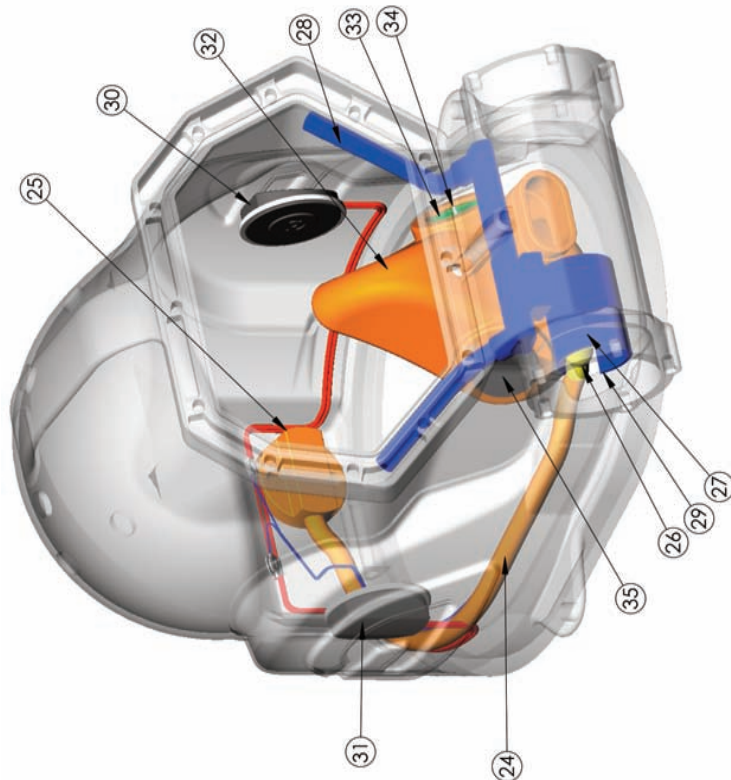
Loc. #	Part #	Description	Loc. #	Part #	Description	Loc. #	Part #	Description
1	945-001	Helmet Shell, Black	68	930-068	Nut	102	905-108	Neck Band
2	960-384	Helmet Shell, Polished	69	930-012	Washer	103	950-107	Adjustment Button
3	930-065	Manifold Nut,	70	930-011	Screw	104	910-410	Adjustment Strap
4	905-027	Muffler, Free flow	71	955-111	Elbow	105	910-406	Head Harness
5	920-002	Face Plate	71a	910-024	O-ring	106	930-109	Washer
6	960-003	Face Ring	72	945-064	Manifold Valve Body	107	930-106	Screw
7	930-017	Screw	73	950-063	Valve Stem, Manifold Valve	108	910-005	Face Seal
8	930-075	Nut, Slotted	74	920-062	Teflon Packing, Manifold Valve	109	510-575	Nose Device Pad
9	930-012	Washer	75	950-060	Packing Nut, Manifold Valve	110	545-015	Nose Device
10	950-076	Nose Device Housing	76	960-025	Handle, Manifold Valve	111	950-369	Valve Body, Oral Nasal
11	510-008	O-ring	77	930-017	Screw	112	510-552	Valve Oral Nasal
12	950-078	Packing Nut, Nose Device	78	930-061	Washer	113	910-070	Oral Nasal
13	550-252	Knob, Nose Device	79	905-134	Manifold Valve Assembly	114	915-447	Standoff
14	930-047	Screw	80	510-483	O-ring	115	530-308	Nut
15	950-100	Retainer Plate, Side Exhaust	81		Body	116	530-525	Washer
16	910-101	O-ring	82		Spring	117	920-014	Neck Ring Gasket
17	950-102	Side Exhaust Body	83		Poppet	118	915-445	Insulation Sleeve
18	910-103	O-ring	84		O-ring	119	905-175	Positive Locking Strap Assembly
19	910-029	Exhaust Valve	85		O-ring	120	520-039	Tie Wrap
20	930-104	Clip Ring	86		Wiper	121	930-265	Set Screw
21	950-105	Exhaust Handle	87		Seat	122	915-040	Earphone Mount, Right
22	905-133	Side Exhaust Assembly	88	555-117	Adapter Complete see Loc. # 90	Not Shown	915-038	Earphone Mount, Left
23	945-080	Regulator Body, (Black)	89	555-195	One Way			
24	960-304	Regulator Body, (Polished)	90	505-060	One Way			
25	550-060	Piston	91	950-348	Valve Body			
26	535-007	Spring Set	92	550-138	Stem			
27	550-059	Spacer	93	540-095	Washer			
28	550-058	Adjustment Shaft	94	520-024	Packing			
29	520-032	Washer, Teflon	95	550-254	Packing Nut			
30	510-011	O-ring	96	520-525	Flex Knob, Emergency			
31	950-097	Packing Nut, Reg. Adj.	97	535-602	Spring			
32	530-601	Roll Pin	98	550-250	Lock Nut			
33	950-098	Adjustment Knob	99	905-348	Emergency Valve Assembly			
34	960-046	Regulator Cover (Black)	100	930-017	Screw			
35	960-414	Regulator Cover (Polished)	101	950-110	Band Button			
36	930-047	Screw						
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G2000SS Breakdown



Item	P/N	Description
24	1SS-0024	Connecting Tube
25	1SS-0025	Tubing Block
26	1SS-0026	Swagelock Connector
27	1SS-0027	O-ring
28	1SS-0028	Defogger Train
29	1SS-0029	Free Flow Barrel
30	1SS-0030	Speaker Left
31	1SS-0031	Speaker Right
32	1SS-0032	Oral Nasal
33	1SS-0033	Inhalation Valve Housing
34	1SS-0034	Inhalation Valve Flapper
35	1SS-0035	Microphone
36	1SS-0036	Head Liner

Item	P/N	Description	Item	P/N	Description
1	1SS-0001	G2000SS Stainless Shell	13	1SS-0013	Knob Spring
2a	1SS-0101	Latch Base Left	14	1SS-0014	Free Flow Knob
2b	1SS-0102	Latch Base Right	15	1SS-0015	Screw
3	1SS-0003	Lock Washer	16	1SS-0016	Valve Exhaust Cover
4	1SS-0099	Latch Bolt	17	1SS-0017	Regulator Cover
5	1SS-0100	Neck Retainer, Mod1	18	1SS-0018	O-ring
6	1SS-0006	Neck Retainer Bolt	19	1SS-0019	Face Plate
7	1SS-0007	Neck Retainer Nut	20	1SS-0020	Port Retainer
8a	1SS-0103	Left Latch	21	1SS-0021	Screw
8b	1SS-0104	Right Latch	22	1SS-0022	Communication Post
9	1SS-0009	Latch Spring	23	1SS-0023	Comm. Bulkhead Assy
10	1SS-0105	Latch Spring Washer	23a	1SS-0107	O-ring
11	1SS-0106	Latch Spring Bolt	23b	1SS-0108	Cap & Ferrules, Comm.
12	1SS-0012	Knob Nut			Bulkhead



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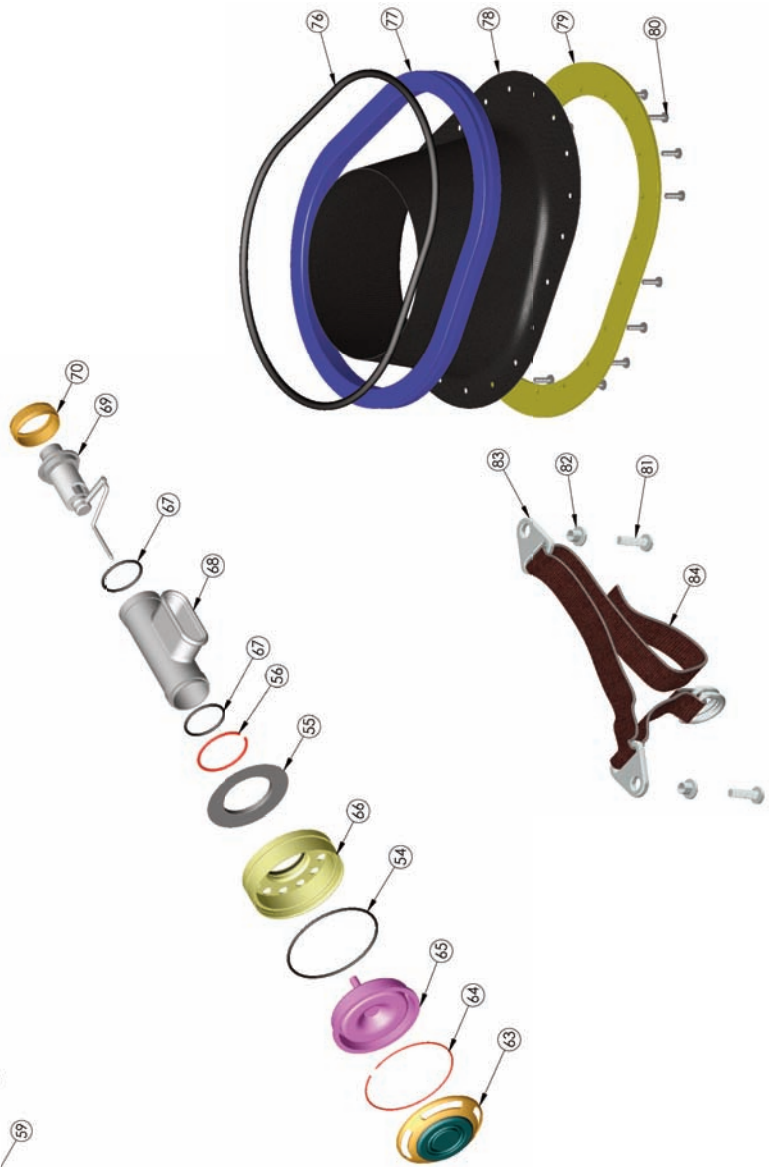
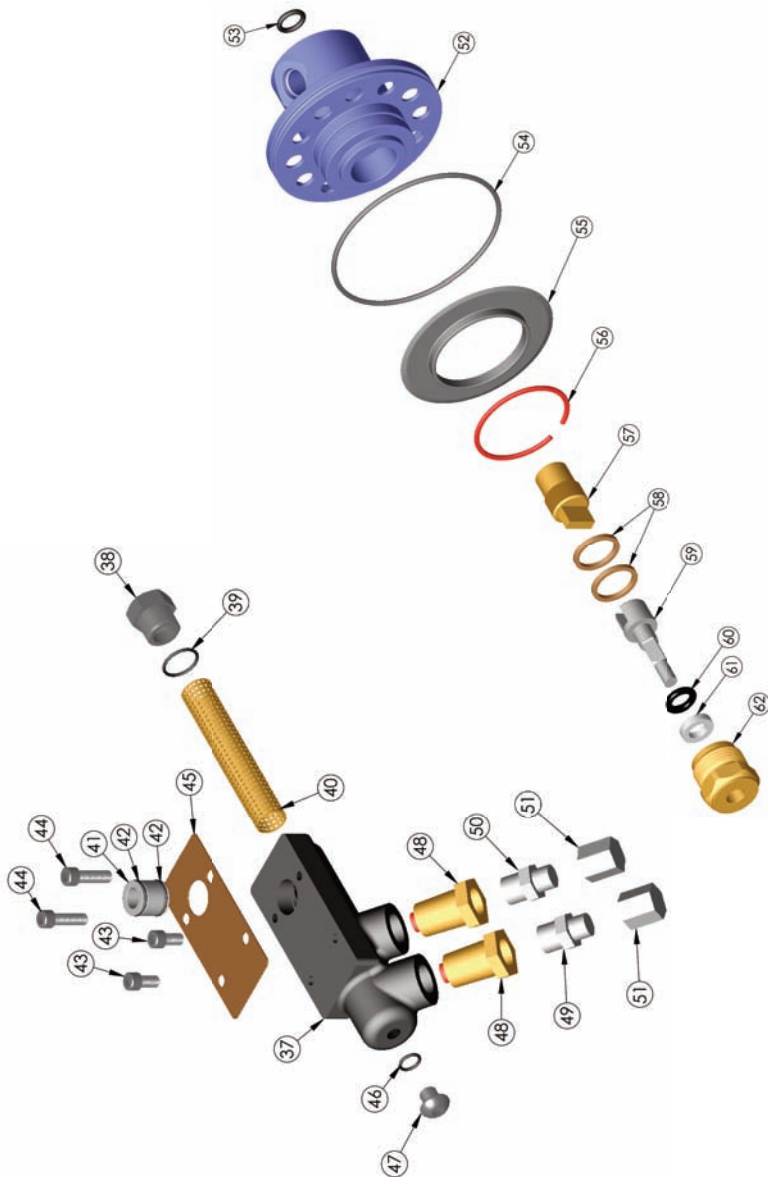
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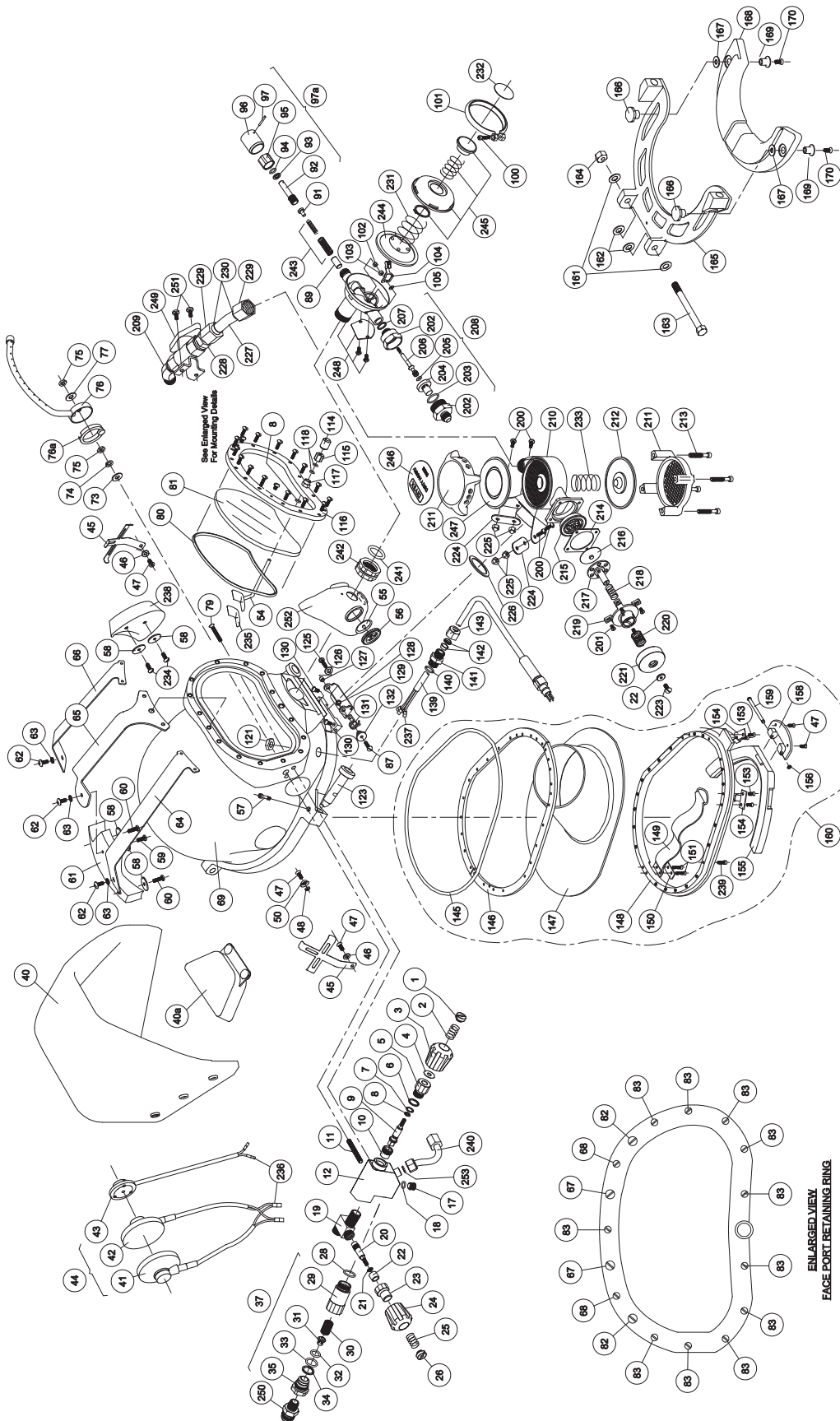
G2000SS Breakdown

Item	P/N	Description
37	1SS-0037	Manifold Body
38	1SS-0038	Manifold Plug
39	1SS-0039	O-ring
40	1SS-0040	Screen
41	1SS-0041	Manifold Connecting Insert
42	1SS-0042	O-ring
43	1SS-0043	Screw
44	1SS-0044	Screw
45	1SS-0045	Manifold Gasket
46	1SS-0046	O-ring
47	1SS-0047	Scuba Plug
48	1SS-0048	Check Valve
49	1SS-0049	Scuba Valve
50	1SS-0050	Hose Fitting
51	1SS-0051	Fitting Cap
52	1SS-0052	Free-flow Exhaust Valve Body
53	1SS-0053	O-ring
54	1SS-0054	O-ring
55	1SS-0055	Flapper Valve- Exhaust
56	1SS-0056	Flapper Valve Snap Ring
57	1SS-0057	Seat- Free Flow Valve
58	1SS-0058	Copper Washer
59	1SS-0059	Stem- Free Flow Valve
60	1SS-0060	O-ring



Item	P/N	Description
61	1SS-0061	Teflon Washer- Thick
62	1SS-0062	Bonnet Free-flow Valve
63	1SS-0063	Diaphragm Cover
64	1SS-0064	Cover Snap Ring
65	1SS-0065	Diaphragm Second Stage
66	1SS-0066	Second Stage Diaphragm Housing
67	1SS-0067	O-ring
68	1SS-0068	Second Stage Main Body
69	1SS-0069	Valve Assembly
70	1SS-0070	Connecting Ring
71	1SS-0071	NCD - Knob (Not Shown)
72	1SS-0072	O-ring (Not Shown)
73	1SS-0073	NCD - Stem (Not Shown)
74	1SS-0074	Metal Nose Pad (Not Shown)
75	1SS-0075	Nose Pad - Neoprene (Not Shown)
76	1SS-0076	O-ring
77	1SS-0077	Neck Ring - Upper
78	1SS-0078	Neck Seal
79	1SS-0079	Neck Ring - Bottom
80	1SS-0080	Screw
81	1SS-0081	Screw
82	1SS-0082	Bushing
83	1SS-0083	Strap Buckle
84	1SS-0084	Nylon Strap

Ultra-Jewel 601 Breakdown



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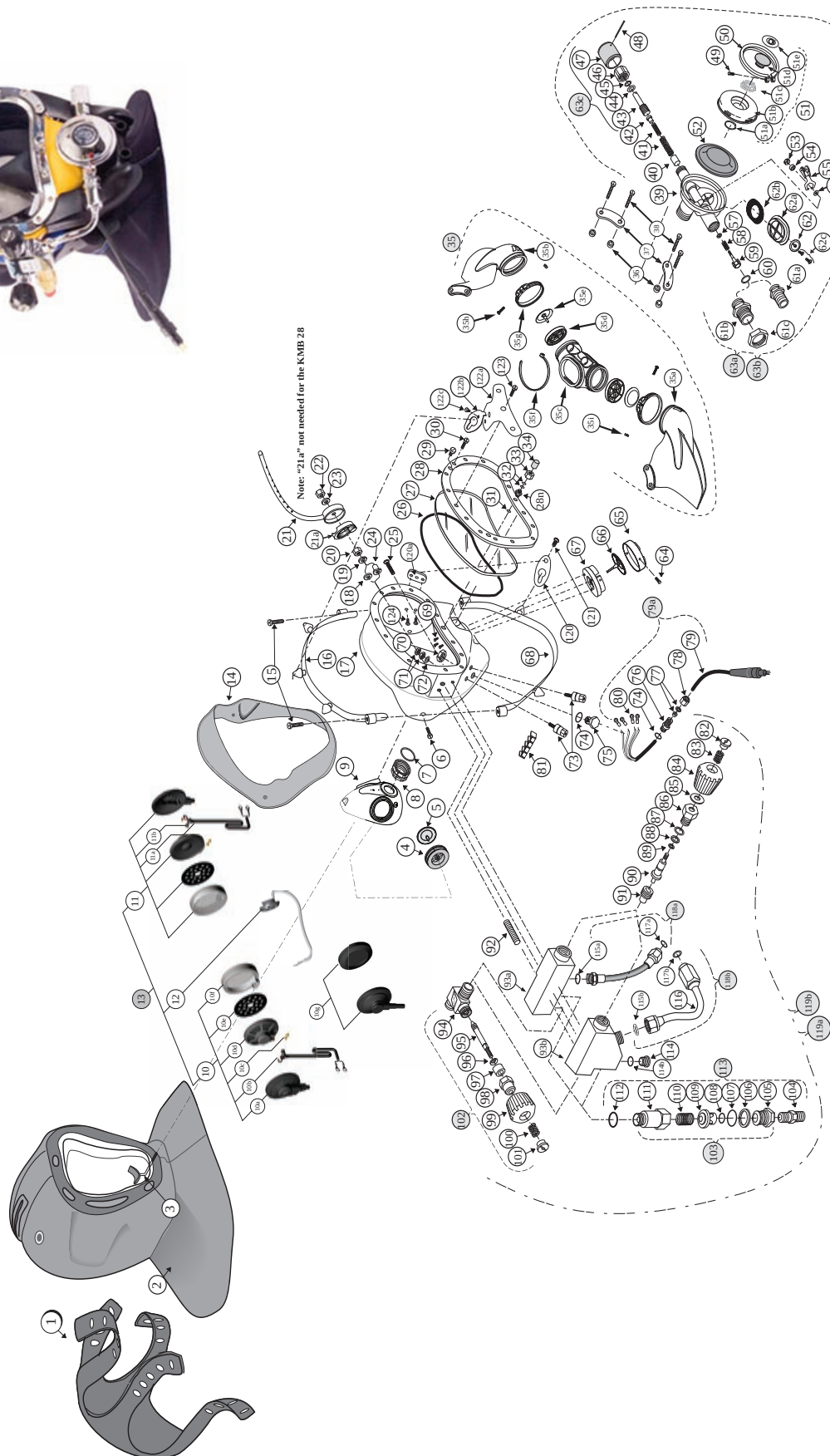
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Ultra-Jewel 601 Parts List

Item No.	Dvex No.	Description	Qty.	Item No.	Dvex No.	Description	Qty.	Item No.	Dvex No.	Description	Qty.	Item No.	Dvex No.	Description	Qty.
1	DE093	Locknut	1	80	DE011	O-Ring	2	200	FR21	Screw	4	201	FR21	Screw	4
2	DE177	Spring	1	81	DE012	Faceport / Lens (Lexan)	2	202	FR24	Inlet Valve Body Cap	1	203	FR24	O-Ring	1
3	DE035	Knob Control	1	82	DE014	Screw	2	204	FR28	Seat Retainer	1	205	FR28	O-Ring	1
4	DE181	Washer	1	83	DE017	Screw	13	206	FR28	O-Ring	1	207	FR28	O-Ring	1
5	DE037	Washer	1	84	DE017	Screw	2	208	FR28	O-Ring	1	209	FR28	O-Ring	1
6	DE037	O-Ring	1	85	DE022	Pinion	1	210	FR28	O-Ring	1	211	FR28	O-Ring	1
7	DE038	Washer	1	91	DE042	Spacer	1	212	FR28	O-Ring	1	213	FR28	O-Ring	1
8	DE038	O-Ring	1	92	DE044	Shaft	1	214	FR28	O-Ring	1	215	FR28	O-Ring	1
9	DE156	Valve Stem	1	93	DE044	Washer	1	216	FR28	O-Ring	1	217	FR28	O-Ring	1
10	DE040	Seat Assem.	1	94	DE020	O-Ring	1	218	FR28	O-Ring	1	219	FR28	O-Ring	1
11	DE182	Stud	1	95	DE020	O-Ring	1	220	FR28	O-Ring	1	221	FR28	O-Ring	1
12	DE125	Side Block	1	96	DE046	Packing Nut	1	222	FR28	O-Ring	1	223	FR28	O-Ring	1
17	DE005	L.P. Plug	1	97	DE021	Knob, Adjustment	1	224	FR28	O-Ring	1	225	FR28	O-Ring	1
18	DE202	O-Ring	1	97a	DE2793	Retaining Pin	1	226	FR28	O-Ring	1	227	FR28	O-Ring	1
19	DE185	Emergency Valve Body	1	100	DE022	Screw	1	228	FR28	O-Ring	1	229	FR28	O-Ring	1
20	DE181	Stem	1	101	DE069	Clamp	1	230	FR28	O-Ring	1	231	FR28	O-Ring	1
21	DE157	Washer	1	102	DE025	Locknut	1	232	FR28	O-Ring	1	233	FR28	O-Ring	1
22	DE184	Packing Nut	1	103	DE068	Spacer	1	234	FR28	O-Ring	1	235	FR28	O-Ring	1
23	DE031	Knob Control	1	104	DE068	Roller Lever	1	236	FR28	O-Ring	1	237	FR28	O-Ring	1
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31	DE182	Spring	1	112	DE068	Roller Lever	1	252	FR28	O-Ring	1	253	FR28	O-Ring	1
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95	DE042	Earphone Left	1	176	DE068	Roller Lever	1	380	FR28	O-Ring	1	381	FR28	O-Ring	1
96	DE042	Earphone Right	1	177	DE068	Roller Lever	1	382	FR28	O-Ring	1	383	FR28	O-Ring	1
97	DE042	Earphone Left	1	178	DE068	Roller Lever	1	384	FR28	O-Ring	1	385	FR28	O-Ring	1
98	DE042	Earphone Right	1	179	DE068	Roller Lever	1	386	FR28	O-Ring	1	387	FR28	O-Ring	1
99	DE042	Earphone Left	1	180	DE068	Roller Lever	1	388	FR28	O-Ring	1	389	FR28	O-Ring	1
100	DE042	Earphone Right	1	181	DE068	Roller Lever	1	390	FR28	O-Ring	1	391	FR28	O-Ring	1
101	DE042	Earphone Left	1	182	DE068	Roller Lever	1	392	FR28	O-Ring	1	393	FR28	O-Ring	1
102	DE042	Earphone Right	1	183	DE068	Roller Lever	1	394	FR28	O-Ring	1	395	FR28	O-Ring	1
103	DE042</														

KMB-18/28 Mask Breakdown



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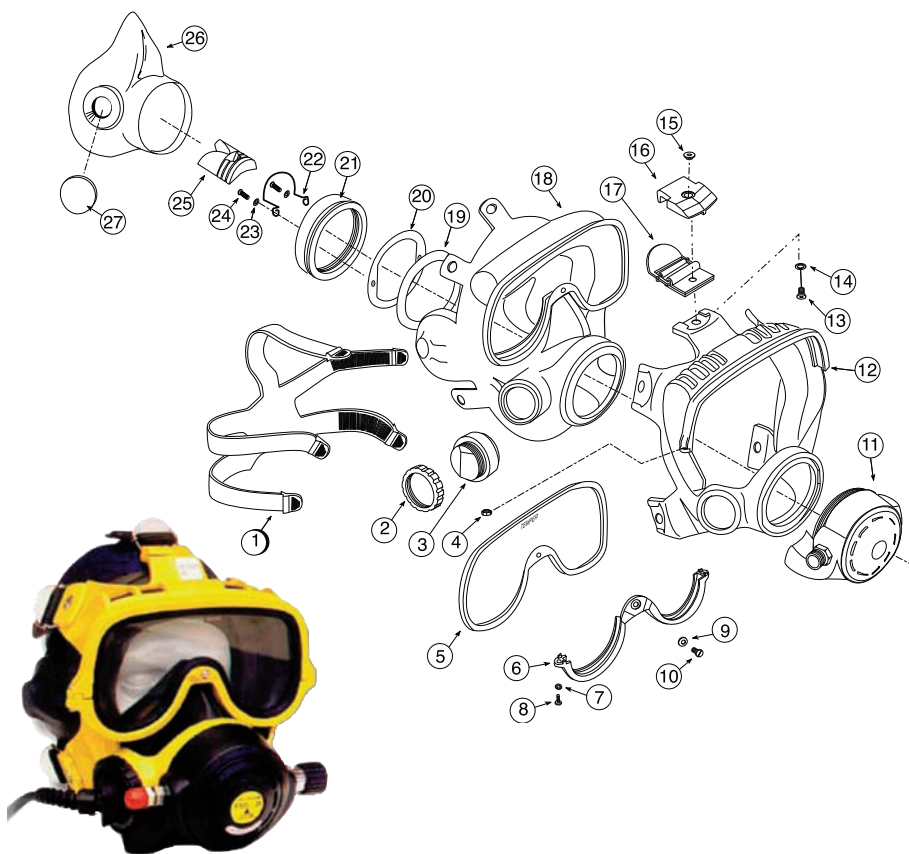


KMB-18/28 Parts List

Location #	Part #	Description	Location #	Part #	Description	Location #	Part #	Description	Location #	Part #	Description
1	510-509	Head Harness (Spider)	35	525-752	Tri-Valve Exhaust (35a-35d)	63c	505-028	Adjustment Knob Assembly	112	510-483	O-ring
2	525-740	KMB Hood Assembly	35a	510-786	Sarboard Whisker Wing	64	530-021	Screw	113	505-060	One-Way Valve Assembly
3	545-015	Nose Block Device	35b	510-787	Port Whisker Wing	65	545-024	Exhaust Cover (18)	114	550-095	L.P. Plug, w/O-ring
4	510-575	Nose Block Pad	35c	510-761	Tri-Valve Exhaust Main Body	66	545-041	Exhaust Cover (28)	114b	310-003	O-ring
5	510-550	Valve, Oral, Neat	35d	520-200	Whisker Exhaust Valve Insert	67	510-561	Main Exhaust Valve	115a	510-011	O-ring
6	510-060	Screw (18 only)	35e	510-776	Exhaust Valve	68	550-063	Exhaust Body (18 only)	115b	520-033	O-ring, Teflon
7*	510-211	O-ring	35f	520-042	Tie Wrap	69	545-009	Bottom Band	116	555-154	Bent tube Assembly
8*	550-081	Regulator Mount Nut (18 only)	35g	520-118	Tri/Quad Valve Whisker Clamp	70	530-035	Screw (18 only)	117a	510-010	O-ring
9	510-747	Oral Nasal Mask	35h	530-008	Brass Screw	71	550-040	Nut	117b	510-012	O-ring
10a	515-005	Earphone Right, 9"	35i	530-009	Brass Nut	72	530-308	Hex Nut	118a	555-152	Regulator Hose w/O-rings
10b	515-102	Communication Wire 9"	36	550-061	Spacer	73	530-525	Washer	118b	555-155	Bent Tube Assem. w/O-rings
10c	530-098	Screw	37	540-015	Kidney Plate	74	515-035	Communications Post	119a	505-022	"A" Side Block Assem. Compl.-N/A
10d	515-090	Earphone	38	530-045	Screw	75	510-481	O-ring	119b	505-024	"B" Side Block Assem. Compl.-Bottom BandKeeper® Attachment Plate
10e	520-015	Protector, Earphone	39*	545-080	Reg. Body, SuperFlow 350 (18 only)	76	555-175	Plug	120	540-175	Bottom BandKeeper® Mount
10f	For Earphone Cover Set Order 510-942		40	550-060	Piston	77	550-475	Packing Gland	120a	540-182	Bottom BandKeeper® Mount
10g	510-542	Covers, Earphone, Pre-April 2011	41	535-807	Spring Set	78	555-178	Packing Nut	121	530-073	Screw
11a	515-001	Communication Wire 15.5"	42	550-059	Spacer	79	515-045	W.P. Connector, Male (4 pin)	122a	540-171	Top BandKeeper® Mount
11b	520-038	Tie-Wrap	43	550-057	Shaft	79a	505-047	W.P. Connector Assem. compl.	122b	540-179	Top BandKeeper® Attachment Plate
12	515-009	Microphone	44	520-032	Washer	80	515-049	Single Wire Terminal	122c	530-073	Screw
13	515-030	Communications Set	45	510-011	O-ring	81	515-061	Terminal Block	123	530-040	Screw
14	520-051	Comfort Insert (18 only)	46	550-055	Packing Nut	82	550-019	Loc.knut	124	525-620	Tool Kit (not shown)
15	530-097	Screw	47	550-053	Knob, Adjustment	83	535-802	Spring			
16	545-007	Top Band	48	530-601	Retaining Pin	84	520-524	Flex Knob, Steady Flow			
17*	520-056	Mask, Fiberglass 1" Hole (18 only)	49	530-030	Screw	85	520-030	Washer			
18	520-055	Mask, Fiberglass (18 only, pre '99)	50	545-020	Clamp	86	550-020	Bonnet			
19	530-535	Washer	51	545-018	Cover Assembly	87	510-015	O-ring			
20	530-415	Washer	52	535-905	Retaining Clip	88	520-031	Washer			
21	545-016	Air Train	53a	545-051	Comfort Insert (18 only)	89	510-010	O-ring			
21a	510-762	Air Train Gasket KMB 18 ONLY	51b	540-065	Cover Only, Regulator, Metal	90	550-022	Valve Stem			
22	530-317	Nut	51c	535-810	Spring, Purge Button	91	550-023	Seat Assembly			
23	530-535	Washer	51d	520-017	Purge Button	92	550-024	Stud - Side Block			
24	545-065	Standoff (28 only)	51e*	520-078	Purge Button Sticker	93a	550-026	Side Block - "A" N/A			
25	530-050	Screw	52	510-553	Diaphragm	93b	550-029	Side Block - "B", Chrome			
26	510-260	O-ring, View Port	53	530-303	Nut, Lock	94	550-140	Emergency Valve Body			
27	520-004	Face Port	54	550-052	Spacer	95	550-138	Valve Stem, Emergency			
28	520-128	Face Port (28 & pre 1979 18's only)	55	545-038	Roller Lever Arm Assembly	96	540-095	Packing Washer			
28a	560-070	Port Retainer	56	530-506	Washer	97	520-024	Packing			
28b	550-116	Nose Block Guide	57*	530-505	Washer (pre '04 28 & pre '99 18)	98	550-091	Packing Nut			
29	530-052	Screw, Port Plug	58*	535-804	Spring (pre '04 28 & pre '99 18)	99	520-525	Flex Knob, Emergency			
30	530-035	Screw	59	545-026	Inlet Valve	100	535-802	Spring			
31	510-010	O-ring	60	510-014	O-ring	101	550-019	Loc.knut			
32	555-180	Packing Nut, Nose Block	61a	550-046	Inlet Nipple, "A"	102	505-070	Emergency Valve Assembly			
33	550-062	Knob, Nose Block	61b	550-048	Inlet Nipple, "B"	103	555-195	One-Way Valve			
			61c	550-050	Jam Nut, "B"	104	555-117	Adapter, Brass, 1/4" NPT/0,			
			62	510-552	Exhaust Valve	105	Seat	For Replacement Parts Order Kit #525-330			
			62a	540-122	Exhaust Flange, Chrome	106	Wiper	Order Complete see Loc. # 103			
			62b	510-401	Gasket	107	O-ring				
			62c	530-020	Screw	108	O-ring				
			63a	505-026	Demand Regulator Assem. 18 "A" (%)	109	Poppet				
			63b*	505-027	Demand Reg. Assem. "B" (28 pre '05 & pre '99 18) (%)	110	Spring				
			505-069	Demand Reg. Assem. 350 18 "B", 28 (1")		111	Body				

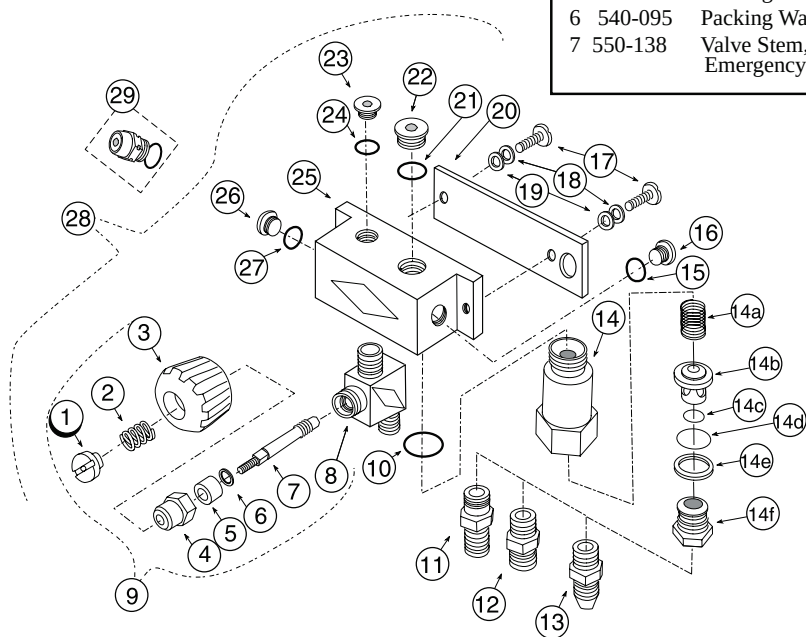
* As of January 1, 1999, all KMB 18B's are manufactured with the large tube SuperFlow 350 Regulator. The large tube regulator can be replaced with a new frame number 520-056. The large tube regulator can also be retrofitted into pre-'99 KMB 18B's without the purchase of a new frame. Small tube fiberglass frames, Part number 520-055, are available as replacement parts (see 17)

EXO-BR Mask Breakdown



1	310-025	Spider
2	320-026	Comm Mount Nut
3	305-020	Comm Plug, w/ screws & Washers
4	330-105	Nut
5	365-002	Face Lens Assembly
6	320-028	Lens Clamp, Yellow
7	330-205	Washer
8	330-005	Screw
9	330-506	Washer
10	330-010	Screw
11	305-040	Regulator Assembly
12	320-016	Frame, EXO BR, Yellow
13	330-020	Screw
14	330-210	Washer
15	350-040	T-Nut
16	320-021	Buckle Cap, Yellow
17	345-010	Buckle Assembly, EXO 26 Mask
18	310-001	Mask Seal
19	320-040	Reg. Mount Washer
20	340-015	Mount Ring, EXO BR
21	350-047	Mount Nut, Regulator, BR
22	330-900	Wire Retainer
23	330-515	Washer
24	330-040	Screw
25	310-357	Equalizer, EXO
26	310-055	Oral Nasal Mask, EXO
Order P/N 325-055 Oral Nasal Mask w/ Tie Wraps		
27	320-001	Plug, EXO Oral Nasal Microphone

Optional Manifold Block Assembly



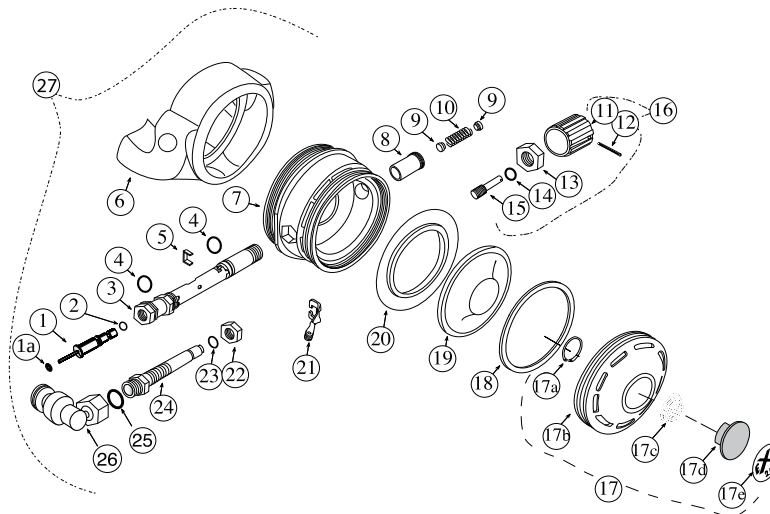
1	550-019	Locknut
2	535-802	Spring
3	520-525	Flex Knob, Emergency
4	550-091	Packing Nut
5	520-024	Packing
6	540-095	Packing Washer
7	550-138	Valve Stem, Emergency
8	550-140	Emergency Valve Body
9	505-070	Emergency Valve Assembly
10	510-483	O-ring
11	355-205	Scuba Adapter
12	555-117	Adapter, Brass O ₂
13	355-225	Adapter, Brass #6 JIC
14	555-195	One Way Valve High Flow
14a	Spring	Order Complete see Loc. # 14 For Replacement Parts Order Kit #525-330
14b	Poppet	
14c	O-ring	
14d	O-ring	
14e	Wiper	
14f	Seat	
15	310-003	O-ring
16	550-095	Plug, L.P. w/O-ring
17	530-070	Screw
18	330-405	Lock washer
19	530-527	Washer
20	340-011	Backing Plate
21	510-013	O-ring
22	350-060	Plug, Large w/O-ring
23	550-095	Plug, L.P. w/O-ring
24	310-003	O-ring
25	350-050	Manifold Block
26	550-095	Plug, L.P. w/O-ring
27	310-003	O-ring
28	300-150	Manifold Assem. complete (O ₂)
	300-155	Manifold Assem. complete (#6 JIC)
	300-145	Manifold Assem. complete (scuba)
29	200-017	Over Pressure Relief Valve, Hi-Flow



EXO-BR Mask Breakdown

1a	310-070	Seat, Inlet Valve
1	305-057	Inlet Valve Assembly, EXO-BR, Rex
2	310-006	O-ring
3	350-032	Main Tube, BR
4	310-013	O-ring
5	340-004	Horseshoe
6	310-020	Exhaust Whisker
7	320-041	Regulator Body
8	350-035	Sleeve
9	350-065	Spacer
10	535-910	Spring
11	320-035	Knob, Adjustment
12	530-601	Retaining Pin
13	350-025	Packing Nut
14	510-011	O-ring
15	350-052	Shaft, Adjustment, EXO BR
16	305-045	Reg Adjustment Assem.
17	305-060	Cover Assembly, EXO BR
17a	535-905	Retaining Clip
17b	350-075	Regulator Cover
17c	535-810	Spring, Purge Button
17d	520-017	Purge Button
17e	320-080	Purge Button Sticker, BR
18	320-030	Washer
19	510-553	Diaphragm
20	310-065	Exhaust Valve
21	545-038	Roller Lever Arm Assembly
22	350-020	Nut, Adjustment

Balanced Regulator Assembly



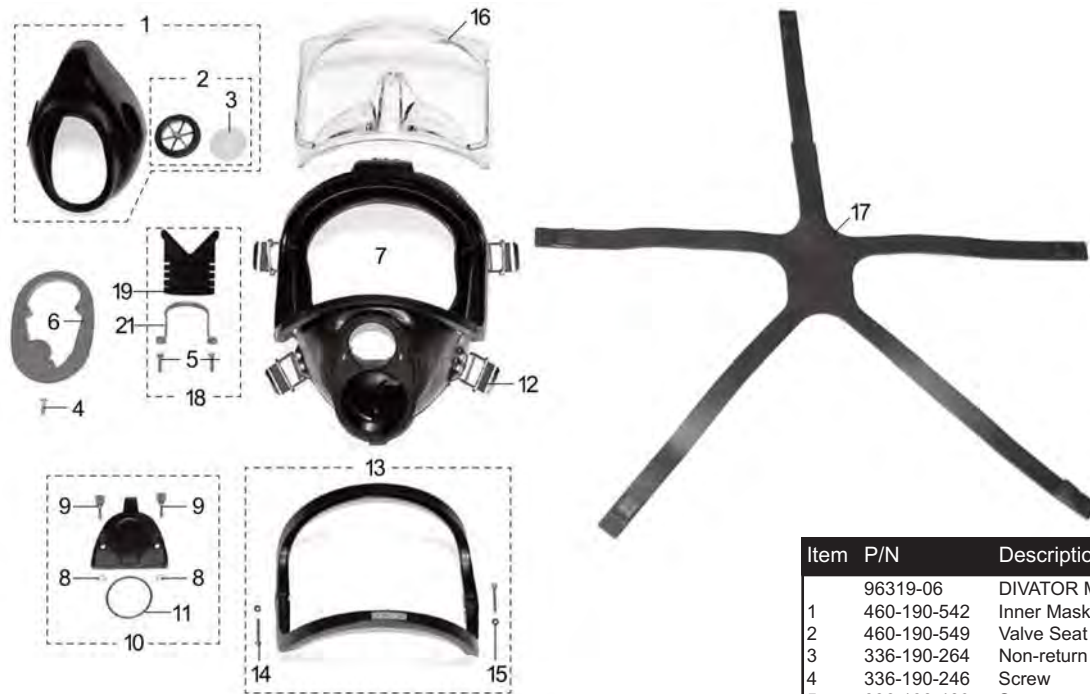
23	310-007	O-ring
24	350-042	Nipple Tube, BR
25	510-010	O-ring
26	305-017	Hi Flow air inlet swivel. (w/25)
27	305-040	Regulator Assembly, Balanced, BR

1	320-026	Comm Mount Nut
2	305-020	Comm Module w/3 & 4
	320-023	Comm Module, drilled for posts
	320-024	Comm Module, drilled for W.P.C.
3	330-035	Washer
4	330-030	Screw
5	510-630	Cover, Comm. Module
6	515-020	Microphone, SL 27, EXO Std/BR
7	515-055	Wiring Harness, Std.
8	315-016	Earphone Left, EXO
9	315-015	Earphone Right, EXO
10	515-045	W.P. Connector, (Male) 4-Pin
11	315-005	Pigtail
12	350-070	Mount Nut
13	515-049	Single Wire Terminal
14	315-020	Comm Posts
15	530-525	Washer
16	530-308	Hex Nut
17	315-210	Comm Assembly w/ posts, Std/BR
	315-215	Comm Module Assembly w/ Male W.P.Connector, Std/BR

Optional Communications Assemblies



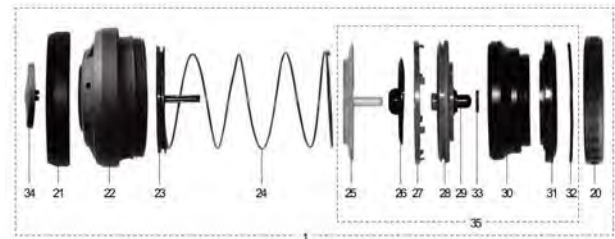
Divator Mask Breakdown



Item	P/N	Description
	96319-06	DIVATOR Mask, Black Silicone
1	460-190-542	Inner Mask Assy. Black Silicone
2	460-190-549	Valve Seat Assy. Black
3	336-190-264	Non-return Valve Disc
4	336-190-246	Screw
5	336-190-489	Screw
6	460-190-398	Retaining Plate
7	460-190-544	Mask Body Assy. Black Silicone
8	336-190-255	Circlip
9	460-190-300	Screw
10	460-190-555	Cover Assembly, Black
11	336-190-222	O-ring
12	460-190-541	Buckle Assembly
13	460-190-547	Visor Frame Kit MKII, Black
14	336-190-409	Screw
15	336-190-554	Spacer
16	336-190-850	Visor MKII
17	460-190-457	Head Harness, Black NR
18	336-190-373	Pressure Equalizer
19	88542-51	Pressure Equalizing Pad
20	96962-01	Visor with DIVATOR Hatch



Item	P/N	Description
	336-101-149	Breathing Valve (w. SP)
1	460-190-552	Exhalation Unit, w. SP
2	336-101-158	Valve Housing, Black w. SP
3	460-190-589	Counter Pressure Assy. W. SP
4	96341-51	Connection Nipple
5	336-190-227	O-ring
6	336-190-228	O-ring
7	346-190-198	Retaining Ring
8	336-190-357	Valve Insert Assy. w. SP
9	460-190-559	Non-return Valve Assy.
10	336-190-226	O-ring
11	460-190-516	Nut, Black
12	460-190-409	Balancing Diaphragm
13	336-190-064	Valve Cone Assy.
14	336-190-142	Lever Assy.
15	336-190-225	O-ring
16	97028-51	Valve Insert Sub Assy. w. SP



Item	P/N	Description
20	460-190-515	Locking Ring, Black
21	346-190-197	Shield Ring
22	460-190-518	Cover With Purge Button, Black
23	460-190-412	Guide Disc
24	460-190-508	Sealing Spring
25	460-190-393	Sealing Disc
26	30005-51	Exhalation Diaphragm
27	460-190-413	Securing Ring
28	460-190-394	Diaphragm Ring
29	346-190-194	Guide Pin
30	460-190-140	Diaphragm
31	460-190-395	Diaphragm Holder
32	336-190-224	O-Ring
33	336-190-638	Washer
34	336-190-487	Purge Button
35	336-190-360	Diaphragm Assembly

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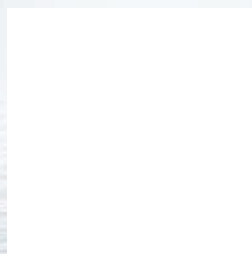
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