



## MASTER CONTROL KIT

consisting of the following:



Part No.	Net Weight: lb	kg
22-890300G2-150	US	44.0
22-890300G2D-10	Metric	19.9

1 - Dual Deadman Bag Controller G3  
22-890900G3-150

1 - Pressure Regulator  
22-895401G2

4 - Inline Relief Valve 22-890490-150

1 - Paratech Nipple and Locking Tire Chuck  
22-890731

2 - "Y" with 2 Couplings and 1 Nipple  
22-890736

1 - Shutoff Adapter Nipple with Industrial Nipple with Valve  
22-890732

1 - Shutoff Adapter Nipple with Twist Lock  
22-890749

2 - Paratech Nipple 1/4 in / 0.6 cm (NPT F)  
22-890682

4 - Paratech Nipple for ALB 3/8-24 LH THD  
22-890686

1 - Master Control Kit Case  
22-890322

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Black  
22-890513

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Blue  
22-890514

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Yellow  
22-890515

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Red  
22-890516

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Green  
22-890517

Quantity	Part No.	Description
1	22-890900G3-150	Dual Deadman Safety Relief & Control Valve
1	22-895401G2	Regulator G2 200 PSI CGS (13.8 bar) 5,500-0 psi / 379.2 -0 bar CGA 347/346 Inlet
4	22-890490-150	Inline Relief Valve
2	22-890682	Paratech Nipple 1/4 in / 0.6 cm NPT F
4	22-890686	Paratech Nipple for ALB 3/8-24 LH THD
1	22-890731	Paratech Nipple and Locking Tire Chuck

Quantity	Part No.	Description
1	22-890732	Shutoff Adapter Nipple with Industrial Nipple with Valve
2	22-890736	"Y" with 2 Couplings and 1 Nipple
1	22-890749	Shutoff Adapter Nipple with Twist Lock
1	22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK
1	22-890514	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLUE
1	22-890515	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m YELLOW
1	22-890516	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m RED
1	22-890517	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m GREEN
1	22-890322	Master Control Kit Case



**BASIC CONTROL KIT**

consisting of the following:

1 - Dual Deadman Bag Controller G3  
22-890900G3-150



1 - Pressure Regulator  
22-895401G2



Quantity	Part No.	Description
1	<b>22-890900G3-150</b>	Dual Deadman Safety Relief & Control Valve
1	<b>22-895401G2</b>	Regulator G2 200 PSI CGS (13.8 bar) 5,500 – 0 psi / 379.2 – 0 bar CGA 347/346 Inlet

Part No. Net Weight: lb kg

**22-890351G2-150** US 21.0 9.5  
**22-890351G2D-10** Metric



1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 16 ft / 5 m Black  
22-890513



1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 16 ft / 5 m Yellow  
22-890515



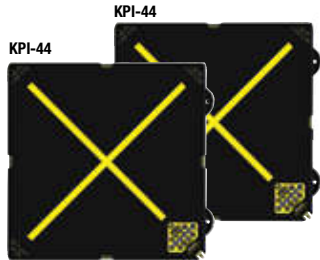
1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 16 ft / 5 m Red  
22-890516

Quantity	Part No.	Description
1	<b>22-890513</b>	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK
1	<b>22-890515</b>	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m YELLOW
1	<b>22-890516</b>	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m RED

**VEHICLE MAINTENANCE KIT**

consisting of the following:

KPI-44



KPI-44



1 - Dual Deadman Bag Controller G3  
22-890900G3-150



2 - Inline Relief Valve  
22-890490-150

Part No. Net Weight: lb kg

**22-889360G2-150** 73.2 33.2



1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 16 ft / 5 m Black  
22-890513



1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 16 ft / 5 m Yellow  
22-890515



1 - Air Hose  
3/8 in / 9.5 mm dia.  
x 16 ft / 5 m Red  
22-890516

Quantity	Part No.	Model	Dimensions in	Dimensions mm	Max Lifting Capacity US Ton / Met Ton	Max Lifting Height in / mm	WEIGHT lb / kg
2	<b>22-888190G2</b>	<b>KPI-44</b>	28 in x 28 in x 7/8 in	711 mm x 711 mm x 22 mm	52.7 / 47.8	15.3 / 388	30.0 / 13.6

Quantity	Part No.	Description
2	<b>22-890490-150</b>	Inline Relief Valve
1	<b>22-890900G3-150</b>	Dual Deadman Safety Relief & Control Valve

Quantity	Part No.	Description
1	<b>22-890513</b>	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK
1	<b>22-890515</b>	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m YELLOW
1	<b>22-890516</b>	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m RED

## PARATECH 24 PNEUMATIC COMPONENT & ADAPTER KIT

consisting of the following:

Part No.	Net Weight: lb	kg
22-890729	15.0	6.8

Quantity	Part No.	Description
1	22-890732	Paratech Nipple & Industrial Nipple with Valve
1	22-890734	Paratech Nipple & Glad Hand
1	22-890749	Paratech Nipple & Industrial Twist Lock with Valve
1	22-890731	Paratech Nipple & Locking Tire Chuck
1	22-890738	Paratech Nipple & 12 in / 30.5 cm Hose with Clamp
1	22-000905	Storage Case
1	22-890735	"Y" with 2 Paratech Couplings & 1/4 in NPT F
1	22-890736	"Y" with 2 Paratech Couplings & MAXIFORCE® Nipple
1	22-890740	"Y" with 3 Paratech Couplings
1	22-890730	Paratech Double Male Nipple
1	22-890737	Paratech Nipple and Tire Valve Inflator
1	22-890700V	Paratech Coupling with 3/8 in / 1 cm Hose Stem with Ferrule (consists of 22-890700A & 22-890624)
1	22-890691 & 22-890624	Paratech Nipple with 3/8 in / 1 cm Hose Stem with Ferrule
1	22-890721AV	Paratech Coupling with 1/4 in NPSM with "O" Ring
1	22-890686	Paratech Nipple for ALB 3/8-24 LH THD
1	22-890681	Paratech Nipple with 1/4 in NPT M
1	22-890710V	Paratech Coupling with 1/2 in NPT M
1	22-890684	Paratech Nipple with 1/2 in NPT M
1	22-890711V	Paratech Coupling with 1/4 in NPT F
1	22-890682	Paratech Nipple with 1/4 in NPT F
1	22-890720V	Paratech Coupling with 1/2 in NPT F
1	22-890685	Paratech Nipple with 1/2 in NPT F
1	22-890683	Paratech Nipple with 1/8 in NPT M



Storage Case

## MAXIFORCE® AIR LIFTING BAG SAFETY ICONS



MAXIMUM OPERATING PRESSURE



MAXIMUM OPERATING PRESSURE



DO NOT LIFT SHARP OBJECTS



READ INSTRUCTIONS



WEAR SAFETY GLOVES



WEAR HEAD AND EYE PROTECTION



WEAR SAFETY FOOTWEAR



STACK TWO LIFT BAGS





## MAXIFORCE® ACCESSORIES



**DUAL DEADMAN BAG CONTROLLER G3**  
Net Weight: 3.7lb 1.7kg  
Part No. 22-890900G3-150

**COMPLETELY COMPATIBLE WITH ALL OLDER MAXIFORCE® AIR LIFTING BAGS AND CONTROL EQUIPMENT**



**SINGLE DEADMAN BAG CONTROLLER G3**  
Net Weight: 3.2lb 1.3kg  
Part No. 22-889510G3-150



**PRESSURE REGULATOR**  
Piston Type 5,500-0 psi / 379.2-0 bar CGA 347/346 inlet  
Net Weight: 3.6lb 1.6kg  
Part No. 22-895401G2



**PRESSURE REGULATOR**  
Piston Type Euro 5,500-0 psi / 379.2-0 bar DIN  
Net Weight: 3.8lb 1.7kg  
Part No. 22-895401DG2



**INLINE RELIEF VALVE FOR G2**  
165 psi / 11.4 bar  
Designed to relieve over-pressurization and allow a lift bag to remain inflated under a load. This valve will relieve excess pressure from an inflated bag caused by load shifts or temperature changes.  
*Now with safety coupling.*  
Net Weight: 1.0lb 0.4kg  
Part No. 22-890490-150



**INLINE RELIEF VALVE**  
135 psi / 9.3 bar  
Designed to relieve over-pressurization and allow a lift bag to remain inflated under a load. This is not simply a shut off valve. This valve will relieve excess pressure from an inflated bag caused by load shifts or temperature changes.  
Net Weight: 1.0lb 0.4kg  
Part No. 22-890490



**MASTER CONTROL PACKAGE CUSTOM CASE ONLY**

Part No. 22-890322



**STORAGE CASE**

Part No. 22-000905

### MANUAL AIR COMPRESSOR 2 STAGE - FOOT/HAND

Net Weight: 14.7lb 6.7kg  
Part No. 22-800400





























### NEOPRENE SHEET

20 in x 20 in x 1/8 in / 50.8 cm x 50.8 cm x .032 cm

Part No. 22-890466



## MAXIFORCE® ACCESSORIES

- |   |   |   |  |  |  |   |
|---|---|---|--|--|--|---|
|    |    |    |                     |                                      |           |    |
| Ferrule for Paratech Nipple with 3/8 in / 1 cm hose stem<br>Part No. 22-890624      | Nipple with 1/4 in NPT M fits MAXIFORCE® and Vetter<br>Part No. 22-890667           | Locking Nipple with 1/8 in NPT M fits MAXIFORCE® and Vetter<br>Part No. 22-890668   | Paratech Lock Nipple with 3/8 in / 1cm hose thread<br>Part No. 22-890672                             | 2 - Paratech Nipple for ALB 3/8-24 LH THD<br>Part No. 22-890686  | Paratech Nipple with 1/4 in NPT F<br>Part No. 22-890682                                      | Paratech Nipple with 1/8 in NPT M<br>Part No. 22-890683                               |
|    |    |    |                     |                                      |           |    |
| Paratech Nipple with 1/2 in NPT M<br>Part No. 22-890684                             | Paratech Nipple with 1/2 in NPT F<br>Part No. 22-890685                             | Paratech Nipple with 3/8 in / 1 cm hose stem<br>Part No. 22-890691                  | Paratech/Vetter Nipple 3/8 in / 24 LH<br>Part No. 22-890652  | Paratech Coupling with 3/8 in / 0.4 cm hose stem w/Ferrule - consists of 22-890700A & 22-890624<br>Part No. 22-890700V | Paratech Coupling with 3/8 in / 1 cm hose stem<br>Part No. 22-890700AV                       | Paratech Coupling with 1/2 in NPT M<br>Part No. 22-890710V                            |
|    |    |    |                     |                                      |           |    |
| Paratech Coupling with 1/4 in NPT F<br>Part No. 22-890711                           | Paratech Coupling with 1/2 in NPT F<br>Part No. 22-890720                           | Paratech Coupling with 1/4 in NPSM with 'O' Ring<br>Part No. 22-890721A             | Paratech Coupling with 1/4 in NPSM open<br>Part No. 22-890703V                                       | Paratech Double Male Nipple<br>Part No. 22-890730  | Paratech Nipple Industrial Nipple with Valve<br>Part No. 22-890732                           | Paratech Nipple and Glad Hand<br>Part No. 22-890734                                   |
|  |  |  |                   |                                   |         |   |
| 'Y' with 2 Paratech Couplings and 1/4 in NPT F<br>Part No. 22-890735                | 'Y' with 2 Paratech Couplings and MAXIFORCE® Nipple<br>Part No. 22-890736           | 'Y' with 3 Paratech Couplings<br>Part No. 22-890740                                 | Paratech Nipple and Tire Valve Inflator<br>Part No. 22-890737  | Paratech Nipple and Locking Tire Chuck<br>Part No. 22-890731   | Paratech Nipple and 12 in / 30.5 cm hose with clamp<br>Part No. 22-890738                    |   |
|  |  |  |                   |                                    |         |  |
| Paratech Nipple and Industrial Twist Lock with Valve<br>Part No. 22-890749          | Industrial Coupling 1/4 in NPT F<br>Part No. 22-890751                              | Industrial Coupling 1/4 in NPT M<br>Part No. 22-890752                              | Industrial Nipple 1/8 in NPT M<br>Part No. 22-890760   | Industrial Nipple 1/4 in NPT M<br>Part No. 22-890761   | Industrial Nipple 3/8 in NPT M<br>Part No. 22-890762   | Industrial Nipple 1/4 in NPT F<br>Part No. 22-890763                                  |
|  |  |  |                   |                                    |         |  |
| Paratech Coupling with 1/4 in NPT M open<br>Part No. 22-890704V                     | Paratech Coupling with 1/4 in NPT M<br>Part No. 22-890712V                          | Paratech Coupling with 3/8 in NPT M<br>Part No. 22-890714V                          | Paratech Coupling with 3/8 in NPT F<br>Part No. 22-890716V   | Paratech Nipple with 3/8 in NPT M<br>Part No. 22-890718  | Paratech Nipple with 3/8 in NPT F<br>Part No. 22-890777                                      | Nipple (Strut Inlet) 1/8 in NPSM<br>Part No. 22-796065                                |
|  |  |  |                  |  |         |   |
| Hose Splice 3/8 in / 9.5 mm dia. x 3/8 in / 9.5 mm dia.<br>Part No. 22-890673       | Hose Stem 1/4 in NPT M with 3/8 in / 9.5 mm dia.<br>Part No. 22-890674              | Hose Barb 1/4 in NPT F with 3/8 in / 9.5 mm dia.<br>Part No. 22-890675              | Dual Tank Connector with Check Valves - CGA 346/347<br>Part No. 22-800130 Net Weight: 1.5lb / 0.68kg |  | Dual Tank Connector with Check Valves - DIN<br>Part No. 22-800135 Net Weight: 1.5lb / 0.68kg |   |





**MAXIFORCE® ACCESSORIES**



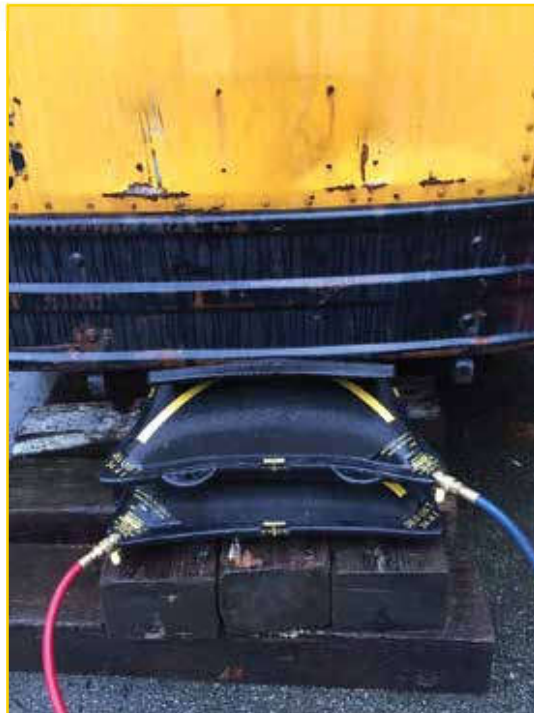
**NIPPLE FOR  
ALB 3/8 - 24 LH THD**  
Part No. 22-890686



**NIPPLE  
PROTECTOR-G2**  
Part No. 22-890709T



**SWIVEL FITTING**  
Part Number: 22-890784  
Weight: .46 lbs (208.6 g)



**WORKING AIR CART & CYLINDERS**

The Working Air Cart is a portable self-contained unit designed to provide, from a single supply source, continuous regulated working air simultaneously to a variety of components, such as MAXIFORCE® G2 Air Lifting Bags, AcmeThread Struts, LockStroke Struts, LongShore Struts and Paratech's Powered Impact Tools.

**WORKING AIR CART  
US**  
Part No. 22-800200

**METRIC**  
Part No. 22-800200D  
Net Weight: 139.0lb 63.0kg

**WORKING AIR CART  
WITHOUT CYLINDERS  
US**  
Part No. 22-800201

**METRIC**  
Part No. 22-800201D  
Net Weight: 43.4lb 19.7kg



**AIR HOSES**



A full 3/8 in / 9.5 mm inside diameter in a wide range of colors and lengths. Couplings and nipples are field replaceable using simple hand tools. Working pressure of 300 psi / 20.7 bar assures reliability. Hose stays flexible over the full operating temperature range of the lift bag. Closed couplings prevent air escape at disconnect (no blowing debris).

<b>3/8 IN / 9.5 mm diameter</b>	<b>RED</b>	<b>YELLOW</b>	<b>GRAY</b>	<b>BLUE</b>	<b>BLACK</b>	<b>GREEN</b>
x 16 ft / 5 m (2.5 lb / 1.1 kg)	22-890516	22-890515	22-890518	22-890514	22-890513	22-890517
x 32 ft / 10 m (4.5 lb / 2.0 kg)	22-890521	22-890520	22-890525	22-890523	22-890522	22-890524
x 50 ft / 15 m (7.0 lb / 3.2 kg)	22-890541	22-890542	22-890545	22-890543	22-890546	22-890544
<b>1 IN / 25.4 mm diameter</b>	<b>RED</b>			<b>BLUE</b>		
x 20 ft / 6.1 m (11.0 lb / 5.0 kg)	22-887400			22-887401		