

QUIC-HOLD® MECHANICAL BRACKETS

PARTS AND INSTRUCTION MANUAL

ZICO®

1045PM6

REV. 7-13-11



Pat. No's. 4,586,687 - 5,354,029, 6,883,766
DS347,735 UK 2,275,963, JA 158519/93
& other Pat. Pending

The Quic-Hold mechanical WALKAWAY bracket meets NFPA 1901-09 requirements for cylinder restraint. Third party tested to 10G.

The Quic-Hold mechanical WALKAWAY bracket holds the SCBA without the need of straps or other devices. The bracket has four PVC coated clamping arms that securely lock the SCBA in place without damaging the cylinder wall. For a complete list of what SCBAs work with this bracket turn to page 1-17.

Donning the SCBA is fast and easy. The firefighter simply slips into the harness, pulls up on the cam-operated release lever, and is ready to go. Storing the SCBA is done by placing the valve on the footplate and pulling up the cam-operated release lever.

The basic bracket and clamp arms are made of strong, yet lightweight, aluminum alloys. Hex arms and operating lever are plated steel to withstand years of constant use.

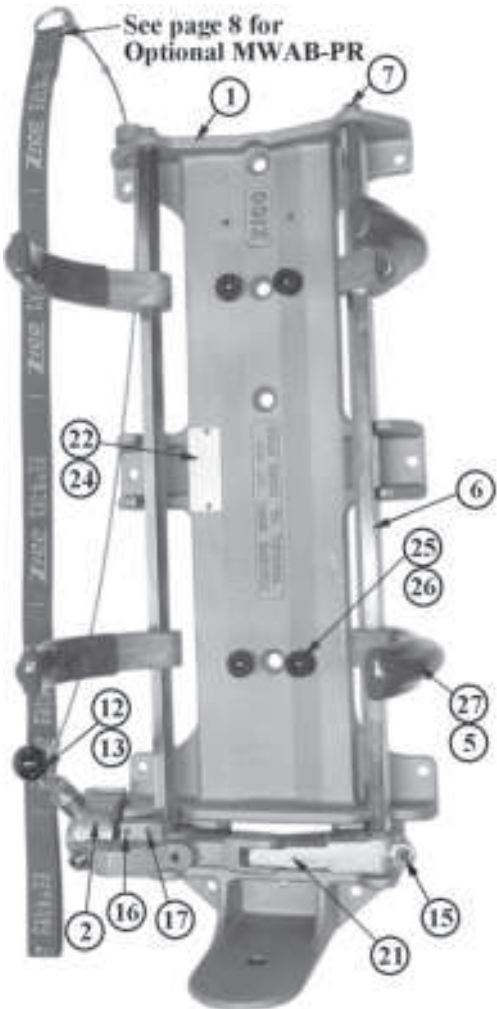
Bracket dimensions: 23-3/8" L x 11" W x 7-3/8" D
Optional MWAB-PR strap adds 4" to overall length

WARNING: Bracket and SCBA harness are not to be used in place of a seat belt.

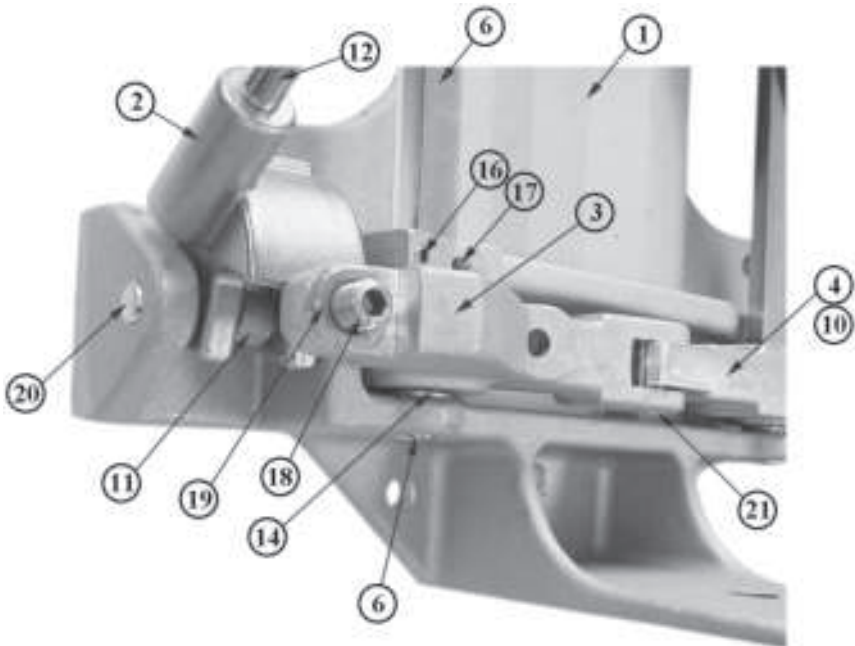
MODEL	DESCRIPTION	WT./@ IN LBS.
MWAB-03-5	5" Mechanical bracket with standard footplate	15.2
MWAB-03-6	6" Mechanical bracket with standard footplate	15.6
MWAB-03-7	7" Mechanical bracket with standard footplate	16.0
1045-000-155	Replacement clamp arm for MWAB-03-6, stamped 6-5/3	.5
1045-000-175	Replacement clamp arm for MWAB-03-5, stamped 5-5/3	.5
1045-000-105	Replacement clamp arm for MWAB-03-7, stamped 7-5/3	.6

For different cylinder diameters, the clamp arms can be easily changed to accommodate a new cylinder size. Priced per each, 4 required per bracket.

QUIC-HOLD® MODEL MWAB-03-__ BRACKETS CONTINUED



ITEM NO.	PART NO.	DESCRIPTION	MWAB-03-5	MWAB-03-6	MWAB-03-7
1	1045-000-101	Base casting with foot - alum NEW	1	1	1
2	1045-000-102	Cam casting - steel	1	1	1
3	1045-109-103	Cam follower pivot arm - alum	1	1	1
4	1045-120-104	Pivot arm casting - alum	1	1	1
5	1045-000-175	Clamp arm casting - 5" NEW	4		
	1045-000-155	Clamp arm casting - 6" NEW		4	
	1045-000-105	Clamp arm casting - 7" NEW			4
6	1045-000-106	Pivot beam - 5/8" hex steel	2	2	2
7	1045-000-107	Shoulder bolt - steel	2	2	2
10	1045-000-143	Compression spring	1	1	1
11	1045-000-111	Torsion spring	1	1	1
12	1045-120-116	Cam stud 3/8 x 3 with .120 hole	1	1	1
13	1045-120-113	Ball knob - metric	1	1	1
14	1045-000-128	Washer .72 OD x .463 ID x .104	2	2	2
15	1045-120-190	M6 x 6g x 16mm sock hd screw	1	1	1
16	1045-120-192	M6 x 6g x 20mm sock set screw	1	1	1
17	1045-120-194	M6 x 6g x 12mm sock set screw	1	1	1
18	1045-120-196	M10 x 6g x 35mm fl pt soc ss	1	1	1
19	1045-120-198	M10 x 6h hex hd nut	1	1	1
20	9045-103736	Pin 3/8 x 2-1/4"	1	1	1
21	9045-103116	Pin 5/16 x 1	1	1	1
22	1045-000-131	Label - metal - patent no.	1	1	1
24	9020-100803	Drive screw #2 x 3/16" type U	2	2	2
25	1045-275-113	Rubber bumper	4	4	4
26	9410-220416	M4 x 16 Phillips pan hd	4	4	4
27	9410-100625	M6 x 25mm hex hd	4	4	4
29	1045PM6	Parts and instruction sheet	1	1	1

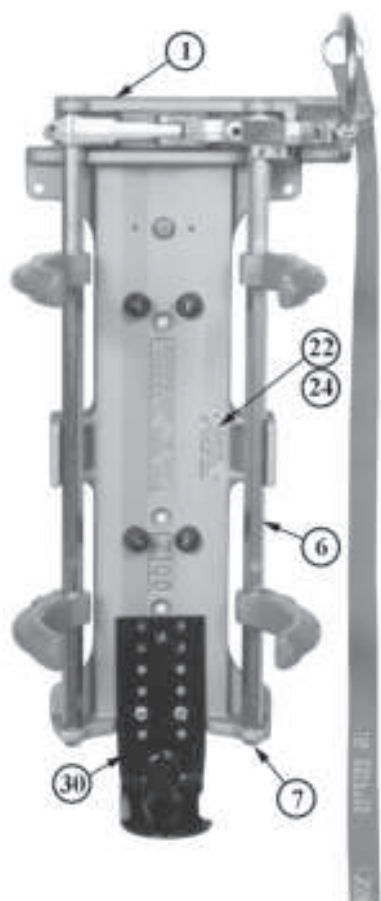


QUIC-HOLD® MODEL MWAB-03-__-SP BRACKETS

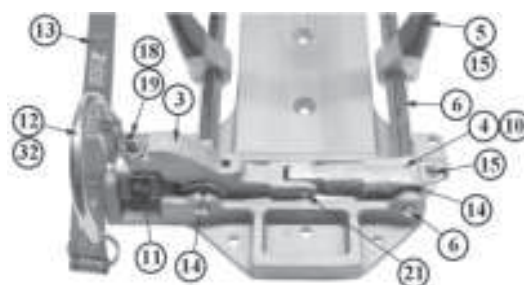
A specially designed Mechanical Walkaway Bracket with an adjustable footplate designed to be used "upside-down" in a seat to accommodate a wider range of SCBA cylinders. Bracket comes standard with a nylon pull release strap. NFPA 1901-09 compliant and third party tested to exceed the 9G standard.

MODEL	DESCRIPTION	WT./@ IN LBS.
MWAB-03-5-SP	5" Mechanical bracket with adjustable footplate	15.2
MWAB-03-6-SP	6" Mechanical bracket with adjustable footplate	15.6
MWAB-03-7-SP	7" Mechanical bracket with adjustable footplate	16.0
1045-000-155	Replacement clamp arm for MWAB-03-6-SP stamped 6-5/3	.5
1045-000-175	Replacement clamp arm for MWAB-03-5-SP stamped 5-5/3	.5
1045-000-105	Replacement clamp arm for MWAB-03-7-SP stamped 7-5/3	.6
1045-107-177	Replacement clamp arm for MWAB-5-D-SP, stamped 5.5	.3
1045-120-155	Replacement clamp arm for MWAB-6-SP & MWAB-7-SP	.4

For different cylinder diameters, the clamp arms can be easily changed to accommodate a new cylinder size. Priced per each, 4 required for bracket.



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1045-305-101	Base Casting	1
2	1045-000-102	Cam	1
3	1045-109-103	Cam Pivot Arm	1
4	1045-120-104	Pivot Arm	1
5	1045-000-175	Clamp Arm 5	4
	1045-000-155	Clamp Arm 6	4
	1045-000-105	Clamp Arm 7	4
6	1045-000-106	Pivot Beam	2
7	1045-000-107	Shoulder Bolt, STL, 3/8-24UNF 2A	2
10	1045-000-143	Pivot Arm Spring	1
11	1045-000-111	Cam Spring	1
12	1045-225-116	Actuating Handle	1
13	1045-225-113	Pull Strap	1
14	1045-000-128	Washer, SST	2
15	1045-120-190	Soc Hd Screw, STL, M6 x 1 6g x 16mm LG.	1
16	1045-120-192	Soc Set Screw, STL, M6 x 1 6g x 20mm LG.	1
17	1045-120-194	Soc Set Screw, STL, M6 x 1 6g x 12mm LG.	1
18	1045-120-196	Soc Set Screw, STL, M10 x 1 6g x 35mm LG.	1
19	1045-120-198	Hex Nut, SST, M10 x 6H	1
20	9045-003736	Grove Pin, STL, 3/8 DIA x 2-1/4 LG	1
21	9045-003116	Grove Pin, STL, 5/16 DIA x 1" LG	1
22	1045-000-140	Label, Metal	1
24	9020-100803	Drive Screw, #2 x 3/16 Type U	2
25	1045-275-113	Rubber Bumper	4
26	9410-220416	Screw, M4 x 16, Pan Hd. ZPZ	4
27	9410-100625	Screw, Hex Hd., M6 x 25 mm Lg.	4
30	1010-000-105	Long Footplate	1
31	9410-100620	Screw, STL, M6 x 20 mm Lg.	2
32	9012-103700	Hex Nut, STL, 3/8-16	1
33	9414-100600	Washer, STL, M6, ZPS	2

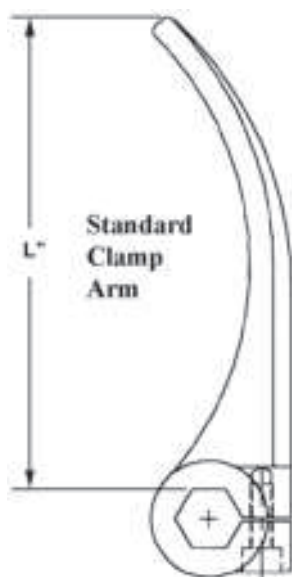


MODEL NO.	CLAMP ARM P/N	CLAMP ARM LENGTH (L")	CLAMP ARM STAMPED WITH NO.
MWAB-03-05	1045-000-175	4-9/16	5-5/3
MWAB-03-6	1045-000-155	5	6-5/3
MWAB-03-7	1045-000-105	5-9/16	7-5/3
MWAB-03-5-SP	1045-000-175	4-9/16	5-5/3
MWAB-03-6-SP	1045-000-155	5	6-5/3
MWAB-03-7-SP	1045-000-105	5-9/16	7-5/5

Which Mechanical Bracket Do I Have?

The label attached to your bracket should identify the model you have or you may measure the length of the clamp arms to determine which model you have. You may require different clamp arms, depending upon the SCBA you are using. Refer to the charts on pages 11 through 13 to ascertain the model required. Then check pages 1 through 5 to see the difference in the various model numbers.

NOTE: Clamp arm casting is measured from the pivot beam to outside edge of the red PVC covering on the clamp arm. See drawing below.



A number may be stamped on the clamp arm casting, below the red PVC covering (see chart at top of page).

Changing the Clamp Arms:

If the clamp arms are to be changed, we suggest the Mechanical bracket be removed from the seat (or wherever it is mounted) and laid on a flat bench. Then follow these steps to change the arms:

1. Push up on knob (13) on cam stud (12) to unlock cam (2).
2. Loosen clamp arms (5) that are presently on the bracket using 5 mm allen wrench or 10mm wrench head screws (15).
3. Remove two shoulder bolts (7) from end of pivot beams (6).
4. While holding pivot beams (6) so that the male end of the pivot beam cannot slide out of the base, carefully slide off present clamp arms, replace with new arms, and replace pivot beams (6).
5. Replace two shoulder bolts (7) and tighten down.
6. Swing cam lever (12) to unlocked position to make sure pivot beams (6) move freely and that pivot arm spring (10) is in place and working properly.
7. Make sure clamp arms are in proper position to grasp the air cylinder properly, while not interfering with the harness assembly or regulator. Tighten the screws (15) on each clamp arm.
8. Adjust the socket set screw (16) so that when the air cylinder is lifted to a point where the center line of the air cylinder is touching the end of the two clamp arms on one side of the bracket and the end of the clamp arms on the opposite side are within 1/4 to 1/2" of the center line of the air cylinder on the opposite side.

To Obtain Correct Tension on the Air Cylinder

1. Open the cam (2) by lifting up on the ball knob (13).
2. Loosen lock nut (19) and back it off.
3. Turn in socket set screw (18) a few turns.
4. Place the air cylinder between clamp arms (5) and push in on clamp arms. Valve assembly, on the end of the air cylinder, should rest upon the foot plate of the base casting (1), or other firm surface if no foot plate.
5. Close clamp arms (5) by hand on the air cylinder and allow cam (2) to rotate downward. Allow the air cylinder to center itself.
6. Back out socket set screw (18) until the lip on top of the cam just aligns with the side of the pivot arm (4).
7. Tighten lock nut (19) and the adjustment is complete.
8. If the end of the pivot arm casting (4) strikes the air cylinder gauge when the clamp arms are open (as it may with the MSA 30-minute, 4500 PSI unit), then a NPM 3.5 nozzle post mount must be used.



NPM 3.5 attached to foot plate.
See catalog for details

Mounting the Mechanical Bracket

You may disregard these instructions if your bracket came already mounted as part of a complete seat assembly. The bracket should be mounted so as to be at the proper height for donning while sitting in a comfortable position.

1. Select a mounting location. If mounting inside the crew cab, take into consideration that surface must be able to withstand a 9G force.
2. Use the bracket as the template to mark mounting holes.

3. Use a 21/64" drill to drill the mounting holes using: any two of the holes down the center of the base casting where four holes are available.
4. Mount in place using 5/16" flat head bolts in the center holes.

Donning Instruction

A departmental procedure should be established for the donning of SCBA enroute to an emergency. Donning procedure may be influenced by the type of seat belts being used.

1. Insert your arms into the harness assembly of the SCBA while moving into a sitting position. Snug up on the shoulder straps, but do not pull them tight.
2. Secure your seat belt per manufacturer's recommendation.**
3. Hood and face mask may be donned while enroute to the emergency, per departmental policy.
4. Upon arrival on the emergency scene, the seat belt may be removed, per departmental procedure.
5. Pull up on black ball knob (13) or pull down on red pull strap (13) which will move the clamp arms (5) apart, freeing the air cylinder.
6. Slide forward and prepare to exit the vehicle. Once outside the vehicle, final adjustments may be made to the SCBA straps and the face mask may be attached to the regulator.

Re-positioning Air Cylinder into the Bracket

1. Place the valve assembly end of the air cylinder upon the NF foot plate (30) or on the protruding aluminum foot (standard model) on the base casting (1) and then tilt the air cylinder back until it rests against the back of the base casting.
2. Hold the top of the air cylinder in place, with one hand, while pushing inward on one of the clamp arms (5), with the other hand, until the cam (2) is engaged.
3. Push down on black ball knob (13) or push up on actuating handle (12) until top lip of the cam comes into contact with the lock screw (18). (See "To Obtain Correct Tension of the Air Cylinder" if the cam does not lock properly.)

****NOTE: The mechanical bracket and SCBA harness are not to be used in place of a seat belt.**

QUIC-HOLD® PULL RELEASE FOR MECHANICAL BRACKETS

MODEL MWAB-PR



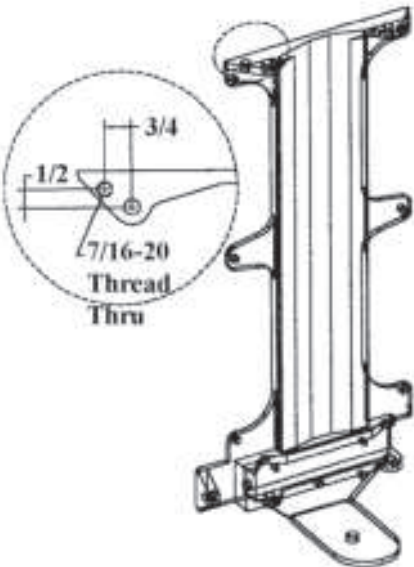
Pull release may be added to any model MWAB bracket except those ending in -SP.

Chart below lists the component parts.

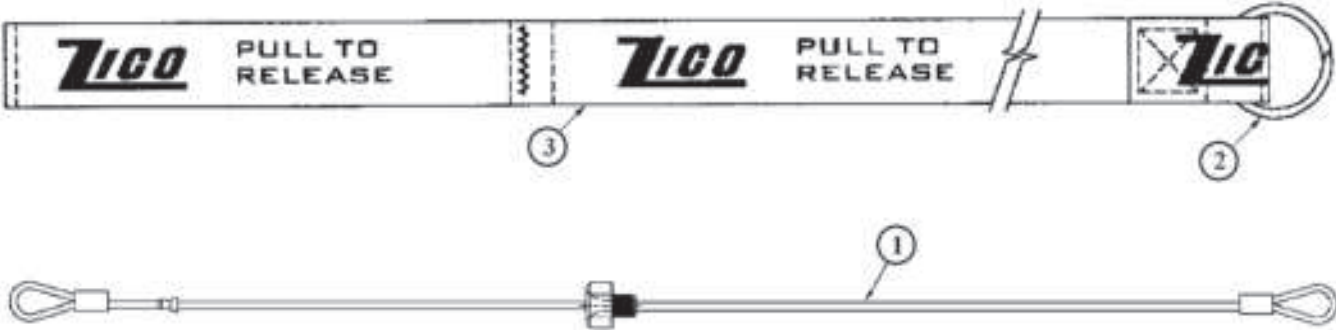
Cable guide hole may have to be drilled and tapped if not present on your bracket.

To install:

Remove key ring (5) from cable (1). Insert this end of the cable through the cable guide hole and secure the guide nut to the backplate. Reinstall keyring (5) onto the cable and then to the hole in cam stud. Attach red pull strap (3) to free end of the cable assembly.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1045-250-104	Cable assembly 29-7/8" lg.	1
2	0000-000-120	Split ring key ring - 1" dia.	2
3	1045-225-113	Pull strap - 30" lg.	1



QUIC-HOLD® PULL CABLE RELEASE FOR MWAB-__-SP BRACKET, MODEL MWAB-PRC-__

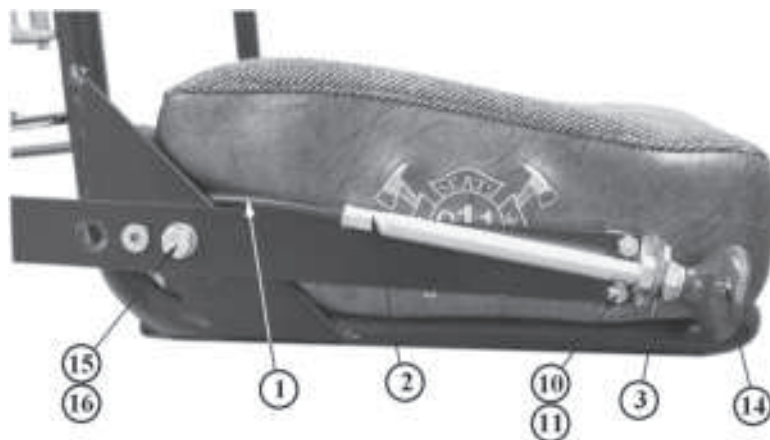
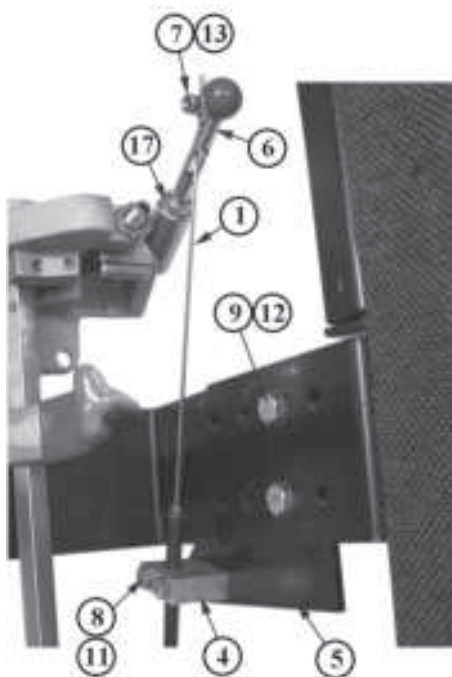


Pull release cable may be mounted on either side of seat. Pull out on red knob to release clamp arms. Does not interfere with seat belts.

May only be used with the -SP style brackets, as shown. Items 12 (1045-225-116) and 13 (1045-225-113) from -SP brackets (page 3) replaced by item 6 (1045-255-111) below.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1045-255-101	Control cable, left - 61" OAL	1
	1045-257-101	Control cable, right - 51" OAL	
2	1045-255-103	Control cable bracket	1
3	1045-255-105	Positioning angle	1
4	1045-255-107	Cable housing clamp block	1
5	1045-255-109	Clamp block mounting plate	1
6	1045-255-111	Cam stud (modified from 1045-120-116)	1
7	1045-255-113	Cable end barrel	1
8	9010-102548	Screw, 1/4-20 x 3", hex head	2
9	9010-103116	Screw, 5/16-18 x 1", hex head	2
10	9010-102508	Screw, 1/4-20 x 1/2", hex head	2
11	9013-172500	Nut, 1/4-20 ESNA lock nut	4
12	9013-133100	Nut, 5/16-18 flex loc nut	2
13	9010-372504	Set screw, 1/4-20 x 1/4"	2
14*	1045-255-115	Control knob, red phenolic	2
15	9010-114316	Screw, 7/16-20 x 1" hex head	1
16	9014-204300	Lockwasher, split, 7/16" ID	1
17	9112-203700	Nut, jam, 3/8-18 hex head	1

*Knob may be different from one shown



INSTALLING THE PULL RELEASE CABLE (MWAB-PRC-__) IN SEATS, INC. (911)/PIERCE SEATS EQUIPPED WITH THE MWAB-__-SP MECHANICAL WALKAWAY® BRACKET

Remove Operating Handle and replace with Cam Stud (6):

1. Remove the handle from the operating cam. On some styles there may be a 3/8-16 hex head jam nut holding the handle in place. If the jam nut is present, unloosen the nut and turn out the operating handle or cam stud. If there is no jam nut, simply loosen the operating handle or cam stud.
2. Replace the operating handle with the new cam stud (6) and jam nut (17). Screw the handle in as far as it will go and then back out only as far as needed to position the elongated slot in a vertical direction and tighten the jam nut.

Mount Cable Housing Clamp Block (4):

1. Remove the two 5/16 bolts holding the upper right side bracket to the seat frame and replace with 5/16-18 x 1" L bolts (9) supplied. Use this position to hold the mounting plate (5) to the outside face of the right side bracket and tighten.
2. Mount the cable housing clamp block (4) and tighten down until there is approximately a 1/16" gap between the blocks.

Mount Control Cable Bracket (2):

1. Remove lower seat cushion and mount the control cable bracket (2) to the seat frame on the outer surface of either the left or right side of the seat and snug the bolt.

NOTE: The -L cable (1) is 61" Long and is mounted on the left side of the seat (facing the seat) and the -R cable (1) is 51" long and is for mounting on the right side of the seat.

2. Mount the control cable (1) with positioning angle (3) attached to the outside of the control cable bracket (2), keeping the cable over the top of the control cable bracket and keeping the bolt heads on the inside. Tighten bolts.

Feed Control Cable (1) to Cam Stud (6):

1. Feed the control cable (1) through the metal seat frame, inside the vertical tube and under the horizontal brace, then up through the clamp block (4) and then allow the cable, inside the tube, to go through the slot in the cam stud (6).
2. Allow approximately 1-1/2" of the cable tube to extend above the clamp block (4). Snug the bolts, but allow the clamp block to pivot. Move the cam stud (6) through it's range of motion (full open to full close). Pivot the clamp block until you have the least interference with the cable and then tighten the clamp block bolts (8) (11).

Adjust the Control Cable:

1. Reinstall the seat cushion. The control cable bracket (2) may be moved in or out and swung up or down to fit the application and then tightened down.
2. Push the cam up into the locked position. Push the control knob (14) all the way in. Slide the cable end barrel (7) down the cable until it is approximately 1/16" away from the cam stud (6) and tighten the set screws (13).

NOTE: Using two hex keys works best.

3. Check operation by pulling out of the control knob (14), which should move the cam to the open position and allow the air cylinder to be removed from the bracket. Cable may be returned to the locked position to keep the control knob from getting in the way.
4. After all the adjustments are made and the unit is working okay, we suggest bending over the end of the control cable to avoid a piercing hazard.

RECOMMENDED MECHANICAL BRACKET BY SCBA MANUFACTURER

MANUFACTURER & CYLINDER COMP.		CYLINDER/ MODEL NO.	MINUTES DURATION	HIGH PRESS. PSI	LOW PRESS. PSI	RECOMMENDED BRACKET ORDER NO.	RECOMMENDED SEATS/PIERCE BRACKET ORDER NO.	RECOMMENDED BOSTROM BRACKET ORDER NO.
Cairns Air	AL	3100003-0111	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	3100003-0112	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	3100003-0113	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	3100004-0111	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	3100004-0112	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	3100004-0113	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK/FG	3100004-0115	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWK/FG	3100004-0116	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK/FG	3100004-0117	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
International Safety Instruments	HWFG	707.150.00						
		.024.035.00	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	AL	707.150.01						
		.024.037.00	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	707.159.02						
		.024.086.00	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	707.149.00						
		.024.065.00	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWFG	707.149.01						
		.024.066.00	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	707.149.00						
		.024.085.00	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
Interspiro	HWFG	Spiromatic 4515						
		336-890-006	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	Spiromatic 4530						
		336-890-003	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWK	Spirolite 4530						
		336-890-177	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWK	Spirolite 6630						
		336-890-177	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	Spiromatic 9030						
MSA Stealth		336-890-037	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK	Spirolite 9030						
		336-890-257	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWC	807586	30 L-30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWC	807587	30 H-30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWC	807570	45 H-45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWC	807588	60 H-60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWFG	801279	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	801287	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
Composite II	FWFG	801285	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK	801289	30	3000		MWAB-03-5	MWAB-6-SP	MWAB-B-6
	FWK	806933	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
Composite III	FWK	807002	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK	807002	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK	807002	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
MSA	HWFG	469619	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	AL	809872	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	Steel	801281	30 3AL		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6

AL = aluminum FWK/FG = full wrap Kevlar with fiberglass FWFG = full wrap fiberglass
 HWFG = hoop wrap fiberglass FWK = full wrap Kevlar FWC = full wrap carbon

This chart may not be duplicated without written consent of Ziamatic Corp.

RECOMMENDED MECHANICAL BRACKET BY SCBA MANUFACTURER

MANUFACTURER & CYLINDER COMP.		CYLINDER/ MODEL NO.	MINUTES DURATION	HIGH PRESS. PSI	LOW PRESS. PSI	RECOMMENDED BRACKET ORDER NO.	RECOMMENDED SEATS/PIERCE BRACKET ORDER NO.	RECOMMENDED BOSTROM BRACKET ORDER NO.
National Drager	AL	Air Boss	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	Air Boss	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	Air Boss	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	Air Boss	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	Air Boss	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK	Air Boss	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWK	Air Boss	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK	Air Boss	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
North Safety Products	AL	810	30	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	811	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	AL	812	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	816	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	817	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	820	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	821	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	AL	822	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	823	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	824	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
O-Two Systems Lynx Air	AL	Standard 10LX1001	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	AL	NFPA 10LX2001	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	Light Wt. 10LX1002	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	Lt Wt NFPA10LX2002	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
Protech Respirators	AL	Pro Pack 2700-AL	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	Pro Pack 2700-FW	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
Racal	AL	2000-AL	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	2000-HW	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	2000-FW	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
Respiratory Systems	AL	Lifeair L-30-IND-50 300323-111	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	Lifeair L-30-IND-52 300323-112	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
Scott NXG2® Next Generation	FWC	200131-01	30		2216	Not Available	Not Available	Not Available
	FWC	200128-01	30	4500		Not Available	Not Available	Not Available
	FWC	200129-01	45	4500		Not Available	Not Available	Not Available
	FWC	200130-01	60	4500		MWAB-6-SP	MWAB-6-SP	MWAB-6-SP

AL = aluminum
HWFG = hoop wrap fiberglass

FWK/FG = full wrap Kevlar with fiberglass
FWK = full wrap Kevlar

FWFG = full wrap fiberglass
FWC = full wrap carbon

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RECOMMENDED MECHANICAL BRACKET BY SCBA MANUFACTURER

MANUFACTURER & CYLINDER COMP.		CYLINDER/ MODEL NO.	MINUTES DURATION	HIGH PRESS. PSI	LOW PRESS. PSI	RECOMMENDED BRACKET ORDER NO.	RECOMMENDED SEATS/PIERCE BRACKET ORDER NO.	RECOMMENDED BOSTROM BRACKET ORDER NO.
Scott Aviation Anniversary Pack	AL	804101-01	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	804102-01	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	804103-01	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK	804514-01	30		3000	MWAB-03-6	MWAB-6-SP	MWAB-B-6
	FWC	804840-01	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	804105-01	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-5-BD-5
	FWK	804225-01	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-5-BD-5
	FWC	804721-01	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-5-BD-5
	FWFG	804106-01	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK	804255-01	45	4500		MWAB-7-SC-50	Not Available	Not Available
	FWC	804722-01	45	4500		MWAB-03-6	MWAB-6-SP	MWAB-B-6
	FWFG	804107-01	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK	804222-01	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWC	804723-01	60	4500		MWAB-03-7	MWAB-7-D-SP	MWAB-B-7
SurvivAir Sigma	AL	964212/964213	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	964202/964203	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	964002/964003	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	964222/964223	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	964012/964013	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	966002/966003	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	967002/967003	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK	964022/964023	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWK	966012/966013	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK	967012/967013	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	HWFG	964301/964311	30	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	964101/964111	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	AL	964303/964313	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	964305/964315	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
Omega	FWFG	964103/964113	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	966101/966111	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	967101/967111	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK	964105/964115	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWK	966103/966113	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK	967103/967113	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	HWFG	9842	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	9840	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	9870	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	AL	915140	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	916103	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	915170	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK	917130	30		2216	MWAB-03-7	MWAB-6-SP	MWAB-B-6
	HWFG	915165	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	916173	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
Mark II Cylinders	FWK	916135	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWC	917131	30	4500		MWAB-03-5	MWAB-5-D-SP	MWAB-BD-5
	FWFG	916140	30	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWK	916145	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWC	917145	45	4500		MWAB-03-7	MWAB-6-SP	MWAB-B-6
	FWFG	915182	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWK	915177	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7
	FWC	917160	60	4500		MWAB-03-7	MWAB-7-SP	MWAB-B-7

AL = aluminum FWK/FG = full wrap Kevlar with fiberglass FWFG = full wrap fiberglass
HWFG = hoop wrap fiberglass FWK = full wrap Kevlar FWC = full wrap carbon

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