

KEISER®
Performance Zone
Assembly and Maintenance Manual



INTRODUCTION

KEISER CORPORATION has always taken pride in designing and engineering the highest quality equipment on the market. This means that you will receive years of low maintenance and minimal repairs from our Performance Zone. Only the highest quality products have the KEISER name on them.

This manual was written with the customer in mind. It will assist you in the assembly of the KEISER Performance Zone. Since we always find ways to improve our products, parts and machine designs are subject to change without notice. If you have any questions, please call our service department at (800) 888-7009.

SAFETY CAUTIONS and WARNINGS:

We've put a few safety cautions in this manual. We use the word ***Caution!*** to tell you about things that could cause bodily injury to persons on or around the equipment if you were to ignore the following instructions, and the word ***Warning!*** to ensure the proper installation of components and that the instructions are followed for the safety of the users and for maximum machine life or the warranty is void.

HINTS:

We use the word ***Note!*** in this book to tell you about things that we recommend you do, or things to be aware of before performing the instructions. These notes were placed in the manual to aid you during a certain procedure.

Assembly Instructions

Tools needed for assembly:

9/16 inch socket
9/16 inch open-end wrench
Needle nose pliers

Warning! Failure to follow the instructions as provided in this manual or any other instructions pertaining to the assembly and/or operation of this equipment will result in voiding the warranty and could lead to serious injury.

A. Getting Started

1. Remove all four sections from pallet:
 - a) Seat Assembly
 - b) Main Frame Section #1
 - c) Main Frame Section #2
 - d) Main Frame Cross Bar

The following hardware is packaged in a plastic bag:

- e) 2 bolts (3/8 x 2 1/4)
- f) 8 bolts (3/8 x 2 3/4)
- g) 20 washers (3/8)
- h) 10 locknuts (3/8)

Warning! The main frame sections may be able to stand on their own, however, it is not recommended, as they are not totally stable. It is recommended that another person holds the main frame section.

B. Step One: Attaching the Seat Assembly to Main Frame Section #1

Parts Required: 2 bolts (3/8 x 2 3/4), 1 bolt (3/8 x 2 1/4), 6 washers, 3 locknuts

Note! Place one washer on each bolt so that a washer is on each side of the frame when assembly is completed. The washers protect the paint from being damaged by the bolt heads and the nuts.

Main Frame Section #1 has both the display and the air connection attached to it. Position the section next to your air outlet so that the quick disconnect is able to reach the air outlet. Next take the seat assembly and position the top connecting tube over the painted round tube affixed to the end of Section#1. See picture 1. Be sure to keep the seat on the same side of the machine as the display as you are positioning the connecting tube.



1



2

Line up the holes and slide the 3/8 x 2 1/4 bolt with a washer already on the bolt through the holes. Picture 2 illustrates how the bolt should appear from the front of the machine. Place another washer over the exposed threads on the bolt and screw a nut onto the bolt but **DO NOT TIGHTEN**. Next, attach the bottom tube of the Seat Assembly to Section #1. Once the holes are aligned, run the 3/8 x 2 3/4 bolts with washer through the holes at the top and bottom of the tube. See picture 3. Place a washer on the exposed bolt threads and screw a nut onto each bolt. **DO NOT TIGHTEN**.



Warning! *If the bolts and nuts are tightened then it will be extremely difficult to line up any of the holes during the rest of the entire Performance Zone assembly. Keep everything loose until the last bolt is in.*

C. Step Two: Attaching Main Frame Section #2 to the Seat Assembly

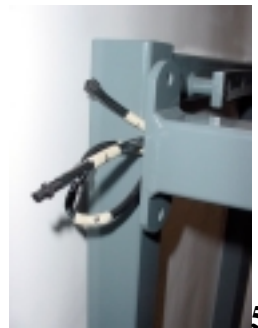
Parts Required: 2 bolts (3/8 x 2 3/4), 1 bolt (3/8 x 2 1/4), 6 washers, 3 locknuts

This step is an exact mirror image of Step One. Follow instructions from step one. This time the part to be slid in is the painted tube attached to the Section #2 into the Seat Assembly tube. Holes should line up easily as long as nothing has been tightened yet. Be sure not to tighten any of the bolts. This will keep the unit loose until the cross bar is ready for install. When this step is completed you will see the Performance Zone finally taking shape. See pictures 2 and 3 to see what completed assembly should look like.

D. Step Four: Attaching the Cross Bar to Main Frame Section #1

Parts Required: 2 bolts (3/8 x 2 3/4), 4 washers, 2 locknuts

For this step it may be necessary to use needle nose pliers when attaching the hose together. Once again have one person hold the cross bar up by the display. The other person will have to attach the hoses together. To do this properly you need to attach the “T” hose from Section #1 to the “T” hose from the cross bar. The “T” represents the line to the tank. To use the quick disconnect properly you must spin the female end in the opposite direction first then push it onto the male connector and let it screw itself on. Hand tighten, do not over tighten. Make sure it is done correctly and is hand tightened. See pictures 4 and 5.



Next attach the “P” hose from Section #1 to the “P” hose from the cross bar. Complete attachment the same way as the “T” hose. Push the excess hose into the Section #1 tube as you line up the cross bar holes with Section #1’s holes. **Caution!** Do not pinch the hose between the cross bar and Section #1 as this may damage the hose and cause an air leak. Line up the holes the same way as you did the other side. Put the bolts with washers through the holes, carefully guiding the bottom bolt around the tubing inside the frame. Once through put the washers on the threads then hand tighten the nuts. See picture 6.



E. Step Three: Attaching the Cross Bar to Main Frame Section #2

Parts Required: 2 bolts (3/8 x 2 3/4), 4 washers, 2 locknuts

This step requires a helping hand because the cross bar needs to be held up during the entire assembly. One person should stand at the display holding the “tubing” side of the cross bar. The other person will attach the cross bar to Section #2. The black outlets in the cross bar must face in towards the arms coming off the modules so that the tubing in those arms can attach to the black outlets. Line up the holes in the mounting bracket on the cross bar with the holes in the main frame. Push the two bolts with washers through the holes. Place a washer on each bolts exposed thread and then screw on the nuts. **DO NOT TIGHTEN.**

F. Step Five: Tightening all bolts and nuts

Tools required: 9/16 Socket, 9/16 open end wrench

Go to all of the bolts and nuts that you assembled and tighten them down snug. Use the 9/16 socket on one side of the bolt and the 9/16 wrench on the other to tighten. Once tight proceed to step six.

G. Step Six: Plugging in the modules

The arms that protrude off of the top of the modules carry tubing that will be connected to the cross bar. The quick disconnects used in step four are the same here as well. However, the male end is fixed to the cross bar. Attach them in the same way as in step four. See pictures 7 and 8. These pictures show the final step completed.



The Performance Zone is now complete. Plug the machines quick disconnect into the air outlet and press the increase button. Listen for leaks around the black quick disconnects that you connected to make sure they are in correctly.

Preventative Maintenance

This maintenance schedule is the recommended minimum requirement for all KEISER machines. Failure to follow these instructions at the suggested intervals will constitute neglect of normal care as required by the warranty.

Maintenance Schedule

MAINTENANCE CHECKS	DAILY	WEEKLY	MONTHLY	QUARTERLY
1. CLEAN CHROME WHERE APPLICABLE	✓			
2. CLEAN UPHOLSTERY	✓			
3. WAX CHROME WHERE APPLICABLE		✓		
4. WAX UPHOLSTERY		✓		
5. INSPECT BELTS		✓		
6. WASH HANDGRIPS		✓		
7. INSPECT FILTERS		✓		
8. CHECK NUTS AND BOLTS			✓	
9. CLEAN AND LUBRICATE CYLINDER RODS			✓	
10. LUBRICATE PIVOT BUSHINGS			✓	
11. CHECK EXHAUST MUFFLERS ON CYLINDERS FOR DISCOLORATION				✓
12. BE SURE COMPRESSOR IS CYCLING ON AND OFF BETWEEN 100-120 psi.				✓

Table 1

WARRANTY

All products manufactured by Keiser Corporation shown in this manual are warranted against defects in materials and workmanship as follows (providing the damage was not caused by abuse, misuse, or neglect of normal care) :

Structural Integrity of Frame Members – 10 years;
Cylinders, Gauges, and all Electrical Components – 3 years (1 year if compressed air is not dried);
Compressor and Dryer, Cables, Pulleys, and Bearings – 2 years;
Pneumatic Valves and Chrome – 1 year;
Paint, Upholstery, Seat Belts, Hand Grips, and other Rubber and Plastic Products – 90 days

The warranty terms begin with the date of original delivery to be evidenced by appropriate shipping documents. Any alteration of the equipment so listed without express written consent of Keiser Corporation shall constitute a waiver by the buyer of this warranty. This warranty does not cover other brand name products distributed by, but not manufactured by Keiser Corporation which are subject to their respective manufacturers' warranties. During the warranty period, warranted defects will be repaired at Keiser Corporation, Fresno, Calif., or the defective part will be replaced, at the option of the manufacturer, without charge for either parts or labor to repair the defective part. This warranty does not cover the removal of the defective part and the installation of the repaired part. All claims under the warranty must be in writing and authorization obtained from the manufacturer, Keiser Corporation, to return defective parts for exchange. Defective parts must be returned to Keiser Corporation.

User's agents, or anyone directing the use of said equipment shall determine the suitability of the product for its intended use, and said parties are specifically put on notice that they shall assume all risk and liability in connection herewith. There are no warranties that attach to this product from the manufacturer either express or implied other than those specifically set forth above.

Process:

Call the Keiser Service Department at (800) 888-7009, Monday through Friday between 7:00 a.m. and 5:00 p.m. PST. Provide the following information:

Customer number:

Serial number(s):

As parts are ordered, the service technician checks the original delivery date to the customer, to determine whether the part is a warranty replacement or not. The parts are sent to whoever is responsible for the repair. Keiser Corporation will not be responsible for improper repairs made to Keiser machines. Keiser Corporation will not be responsible for non-authorized replacement parts used in repairs. Products or parts produced by another manufacturer and distributed by Keiser Corporation will be covered by the respective manufacturer's warranty.

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