

Instruction Manual

ARS Hybrid Reptile Systems

EZ Series

Mini 130 · Mini 65 · 1078 · 1039 · 1060 Tall · 1030 Tall



Mini 130

Mini 65

1078

1039



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Packing List

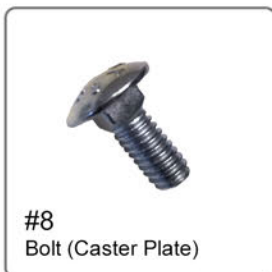
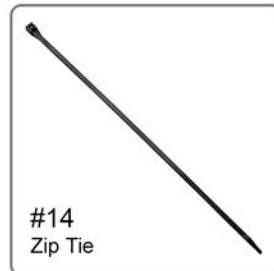
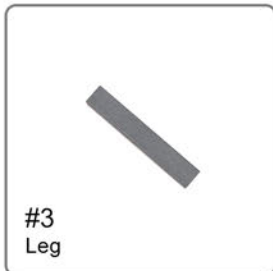
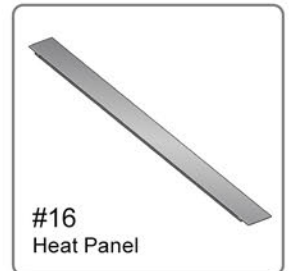
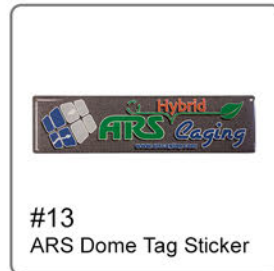
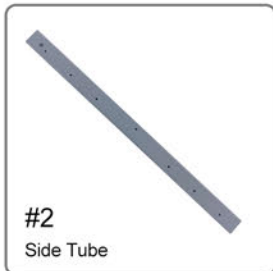
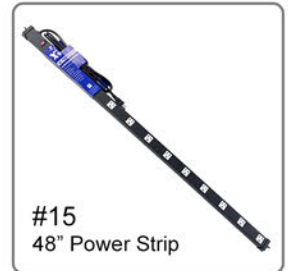
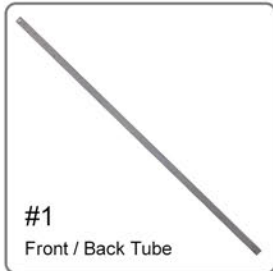
Quantities included by model

Part #	Part Description	Mini 130	Mini 65	1078	1039	1060 Tall	1030 Tall
1	Front / Back Tubes	28	28	28	28	22	22
2	Side Tubes	28	28	28	28	22	22
3	Legs	52	52	52	52	44	44
4	Tubs	130	65	78	39	60	30
5	Base Caster Plates	4	4	4	4	4	4
6	Casters	4	4	4	4	4	4
7	Nuts (Caster Plate)	16	16	16	16	16	16
8	Bolts (Caster Plate)	16	16	16	16	16	16
9	Level Connectors (4-way)	48	48	48	48	36	36
10	Top & Base Connectors (3-way)	8	8	8	8	8	8
11	Black TEK Screws	258	154	258	154	204	124
12	Topper Grids	26	13	26	13	20	10
13	ARS Dome Tag Sticker	1	1	1	1	1	1
14	Zip Ties	2	2	2	2	2	2
15	48" Power Strip (18 Outlet)	1	1	1	1	1	1
16	Heat Panels	13	13	13	13	10	10
17	Instruction Booklet	1	1	1	1	1	1

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Packing List



*See quantities on page 1.

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Tools Required



Tools Recommended

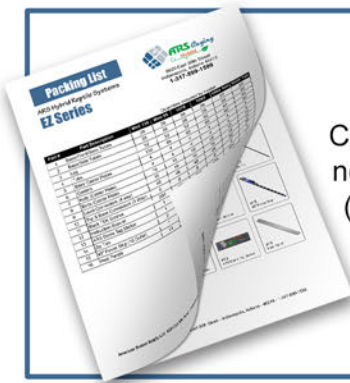
It is recommended that you use an Electric Screwdriver instead of an Electric Drill to prevent marring that can be caused by the chuck of the drill.

We recommend a Rubber Mallet be used when inserting the 3-Way and 4-Way Connectors into the square tubes.



Step 1

Count all parts to make sure nothing is missing. (See Packing List for descriptions, photos and quantities).



Step 2

About the tubes

The EZ Hybrid Series uses 3 styles of tubes throughout the entire assembly.

All "Front / Back Tubes" (Part #1) are identical, with multiple holes. Some holes are used during the base frame assembly and the remaining holes are used during the level assembly. This is the same for the "Side Tubes" (Part #2). For example, the assembly of the base frame uses the 3 hole pattern at each end, as indicated by the arrows in Fig. 2-1 and Fig. 2-2. The third tube style is the "Leg" (Part #3) used in Step 9.

Closeup of one end of the Front / Back Tube

Fig. 2-1

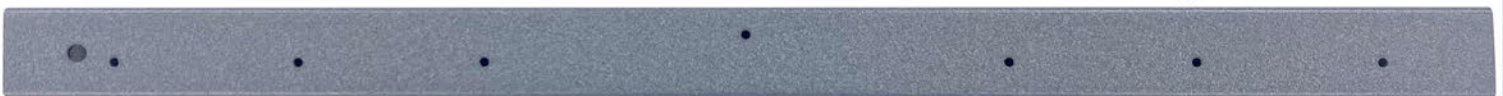


This hole is part of the manufacturing process and is not used.

↑ ↑ ↑
3 hole pattern used for base frame assembly only

Side Tube

Fig. 2-2



↑ ↑ ↑ ↑ ↑ ↑ ↑
3 hole pattern used for base frame assembly only

Continue to Step 3 →

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Base Frame Assembly

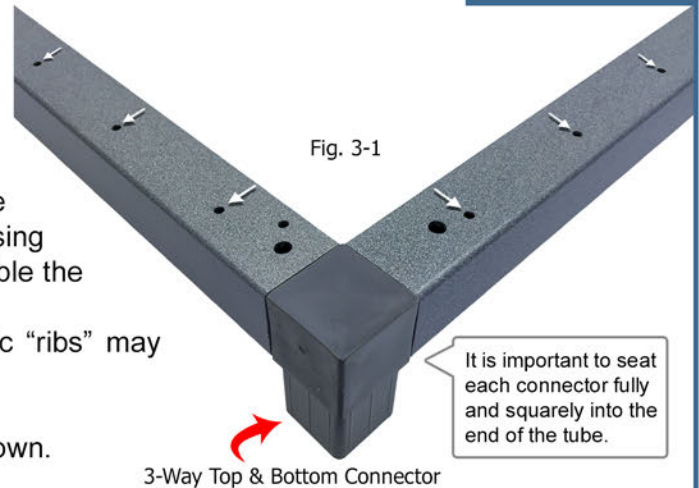
Step 3

Start with 2 of the “Front / Back Tubes” (Part #1) and 2 of the “Side Tubes” (Part #2). Each end has a three hole pattern. This is where the “Base Caster Plate” (Part #5) is attached using 6 of the “Black Tek Screws (Part #11).

Note: The holes are off center, closer to one side of the tube. Make sure they are assembled so that the holes are towards the outer part of the frame as shown in Fig. 3-1. Using 4 of the 3-way “Top & Base Connectors” (Part #10), assemble the base frame by sliding the parts together.

During the insertion of the connectors, parts of the plastic “ribs” may shave off. This is by design, and provides a precise fit .

Note: Fig. 3-1 and Fig. 4-1 shows the base frame upside down.



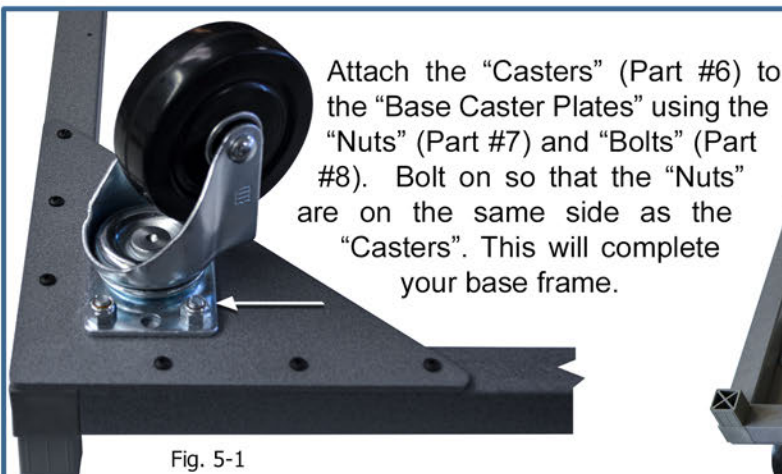
Step 4



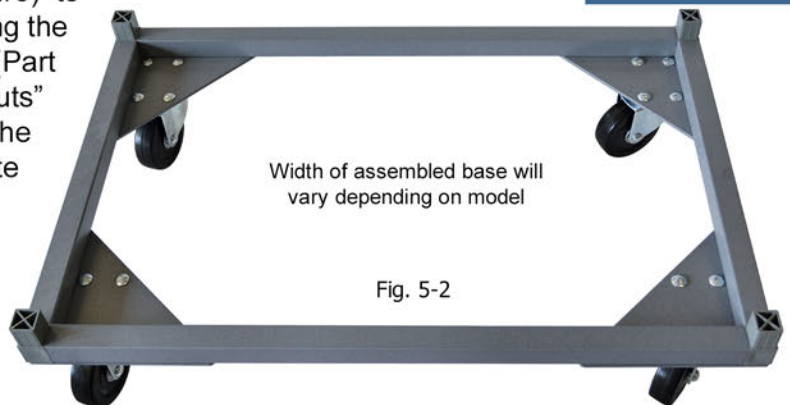
Attach a “Base Caster Plate” (Part #5) to all four corners of the base frame using the Screws provided as shown in Fig. 4-1. Make sure they are tightly screwed into the tubes.

Note: Each “Base Caster Plate” has four square holes that are laid out in a rectangle. Attach them so the longest distance is running from front to back.

Step 5



Attach the “Casters” (Part #6) to the “Base Caster Plates” using the “Nuts” (Part #7) and “Bolts” (Part #8). Bolt on so that the “Nuts” are on the same side as the “Casters”. This will complete your base frame.



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Step 6 Level Assembly

Locate the parts needed to assemble each level. (2) "Front / Back Tubes", (2) "Side Tubes", (X) "Topper Grids" (based on configuration) & (4) "Level Connectors". Lay them out as shown in Fig. 6-1. Make certain all of the correct hole patterns are towards the top half of the tubes, facing inward towards the "Topper Grids" and aligned with the grid screw holes all the way around as indicated by the orange arrows in Fig. 6-1. Note: The 3-hole patterns will be towards the bottom of the tubes.



Fig. 6-1

Step 7

Start assembling the first level.

Slide a 4-way "Level Connector" (Part #9) into each end of the "Front / Back Tubes" (Part #1). See Fig. 7-1. Then attach a "Side Tube" (Part #2), to the ends of one of the "Front / Back Tubes" as shown in the top part of Fig. 7-2. *See special note about the assembly of the top level.

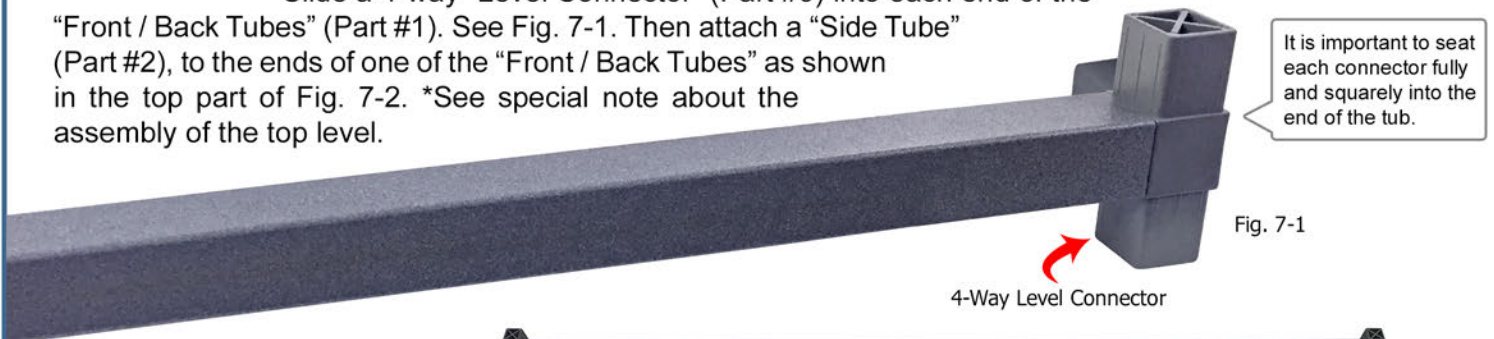


Fig. 7-1

4-Way Level Connector

You will now have a level partially assembled as shown in Fig. 7-2. Be sure to leave the front tube separate so that it is ready for step 8.

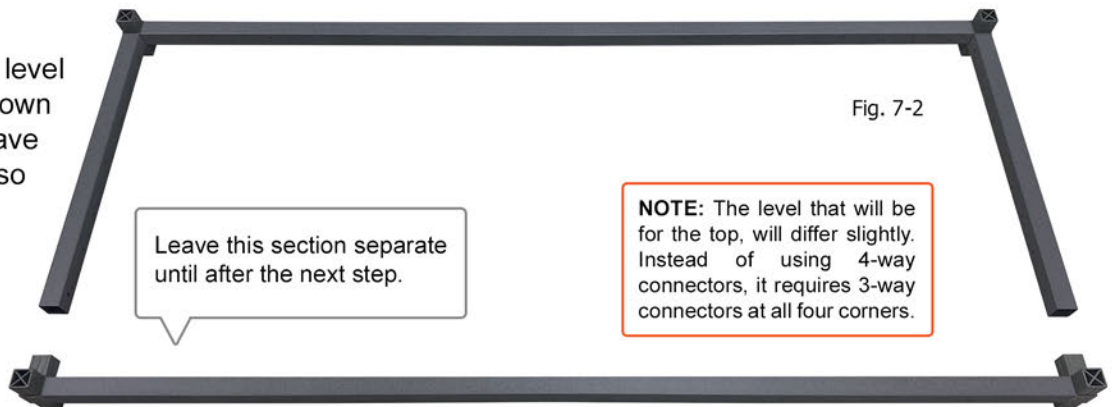


Fig. 7-2

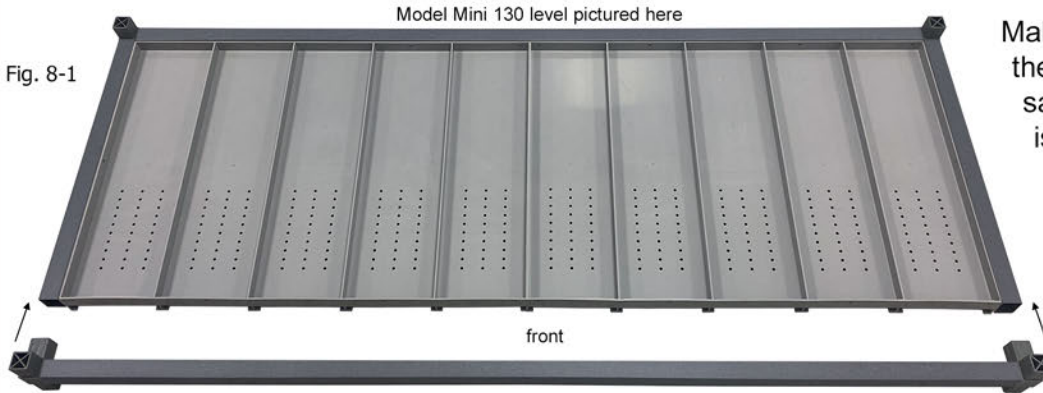
Continue to Step 8 →

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Step 8

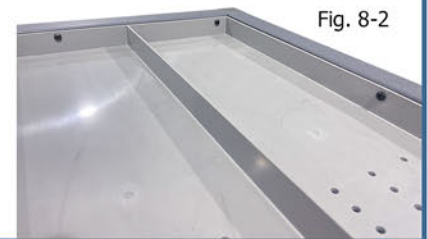
Now attach the "Topper Grids" (Part #12) to the partially assembled tubes using the "Black Tek Screws" (Part #11) as shown in Fig. 8-1.



Make sure you have the end with the ventilation holes facing the same side, if more than one grid is needed.

This will now be the front of the rack.

Fig. 8-2 shows a closeup of the black screws installed properly.



Finally, attach the remaining tube and connectors to the side tubes as indicated by the arrows in Fig. 8-1, and install the black screws through the toppers and into the front tube.

Step 9

Install the 4 "Legs" (Part #3) to the base frame. It is recommended that you use a scrap piece of wood between the end of the leg and the mallet, to protect the mallet from damage.

Stack the first assembled level on top of the legs and using the mallet, tap the level down evenly onto all four legs so they are completely seated onto the connectors. Repeat this step for all of the remaining levels, making sure that the side with the ventilation holes all face the same direction and the tracks are all facing down.

Repeat Steps 6-9 for the rest of the levels.

For the top level, use the remaining 3-way "Top & Base Connectors" (Part #10).



Continue to Step 10 →

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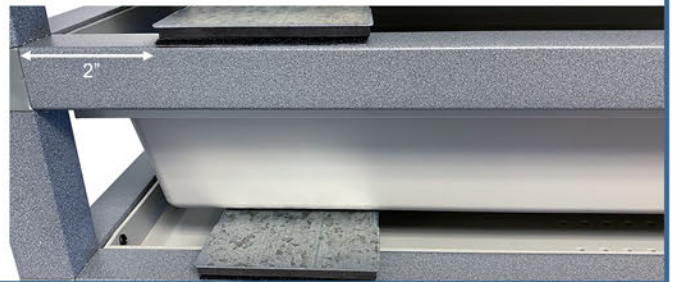
Step 10



Adhere “Heat Panel” (Part #16) to the top-side of the side tubes on each level. Peel the protective tape off of the velcro pad that is attached to the bottom of each end of the heat panel, as shown in Fig. 10-1.

Note: You can place the heat panels anywhere along the side tube you wish. We usually place them approximately 2 inches from the back leg, also shown in Fig. 10-2.

Fig. 10-2



Step 11



Center the “Power Strip” (Part #15) to the side or back of the rack and mount the power strip to the rack using the “Zip Ties” (Part #14), securing them to the legs of the rack as shown in Fig. 11-1.

You may then plug your heat panels into the power strip.

Note: There may be extra receptacle openings on the power strip depending on your racks configuration.

Once your heat panels are connected to the power strip, plug the power strip into a thermostat (thermostat optional). Then plug the thermostat into the wall outlet. Set your thermostat to the desired temperature.

Note: The set temperature is always a little higher than the desired temperature inside your tub.

If you need further assistance, or have questions please call **1-317-527-7076**.

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