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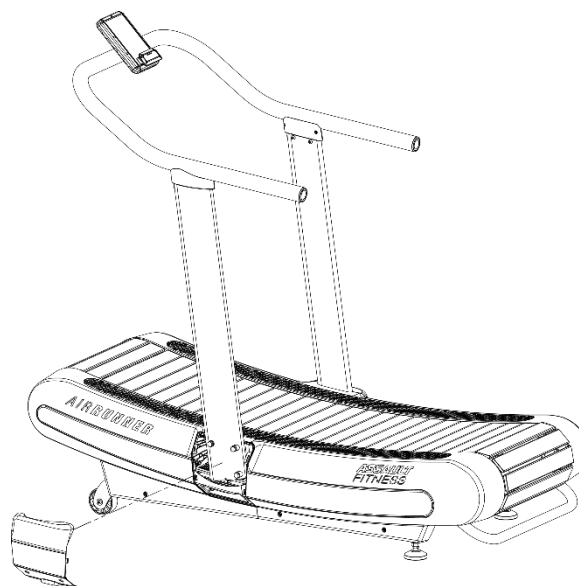
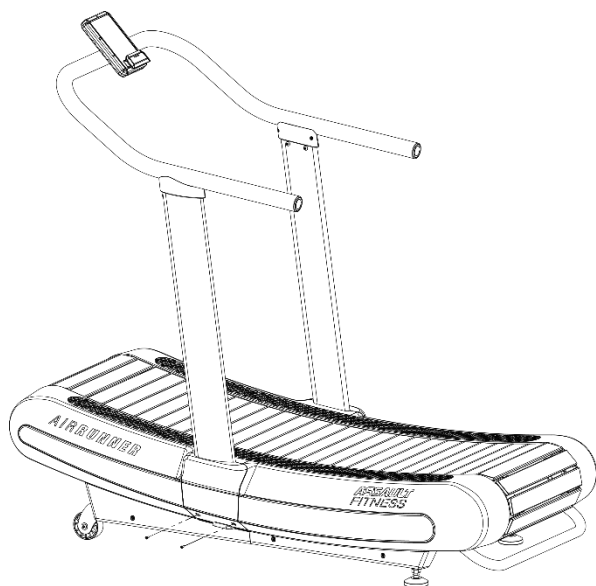
Bulletin Date:	<b>19.September.2017</b>		
Models Affected:	<b>Assault AirRunner</b>	Posted by:	<b>Jeff Meeks</b>
Description:	Procedure to replace complete running belt assembly		

### **Tools Required:**

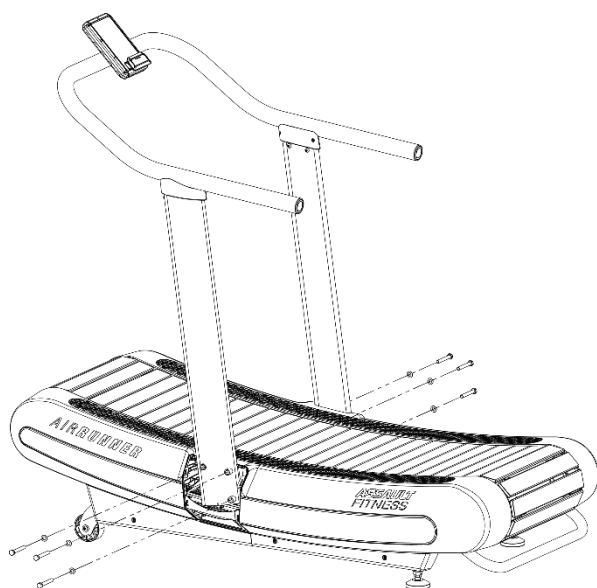
- #2 Phillips head screwdriver or electric screwdriver / drill with #2 Phillips head bit
- 13 mm wrench, socket wrench, or adjustable wrench
- 16 mm wrench, socket wrench, or adjustable wrench
- 6mm hex wrench or electric screwdriver / drill with 6 mm hex bit

### Service Process:

1. Remove the center shroud cover's retaining screws followed by the center shroud covers. Left side shown. Repeat process on right side.

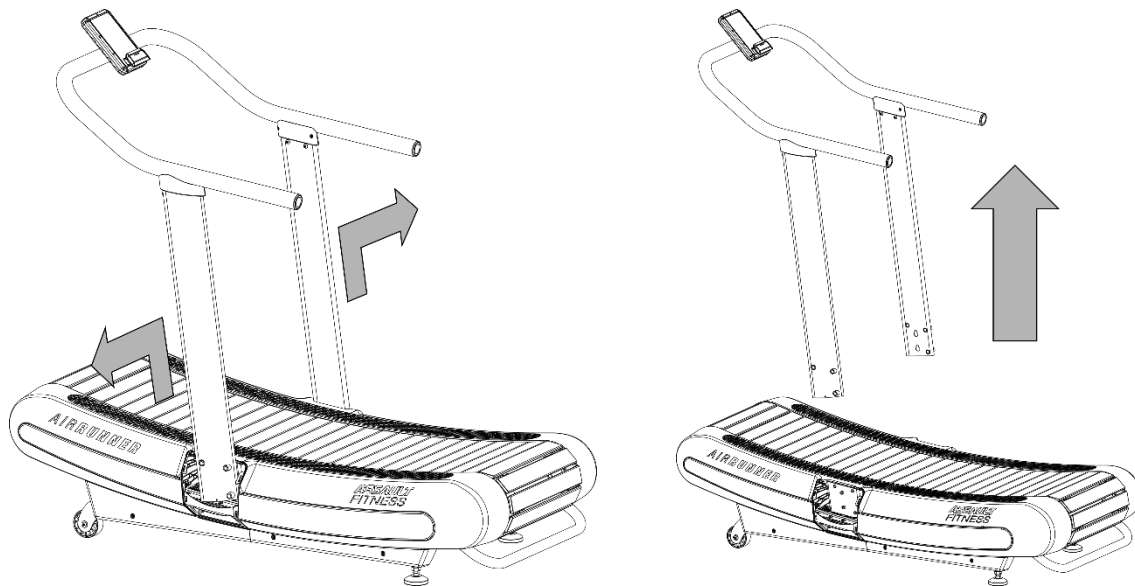


2. Remove the handrail base bolts and washers from the base of both the left and right upright tubes using the 16 mm wrench. Next, unplug the cable found coming out of the base of the left upright tube.

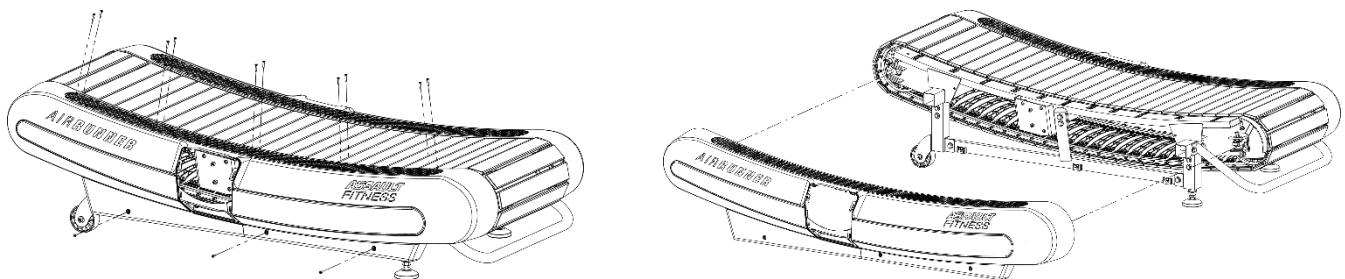


3. After the six handrail base bolts have been removed and the cable disconnected, you can lift off the handrail assembly by lifting up on the handrail assembly and then pushing outwards on the bottom of each upright tube to clear the heads of the locating screws. This will free the uprights from the base so that the handrail assembly can be completely removed from the treadmill base.

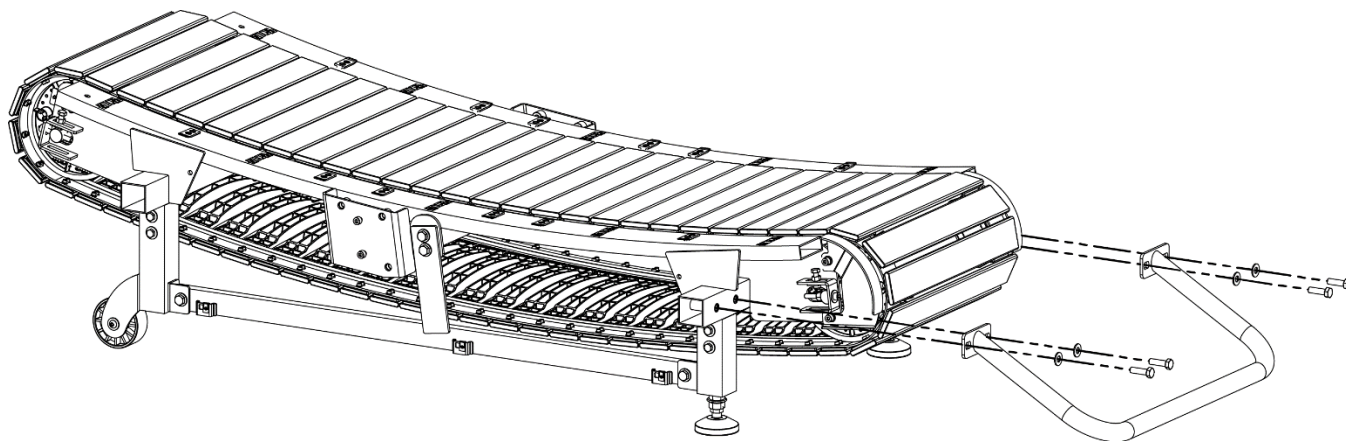
**Note: We recommend using two (2) people to lift the handrail assembly.**



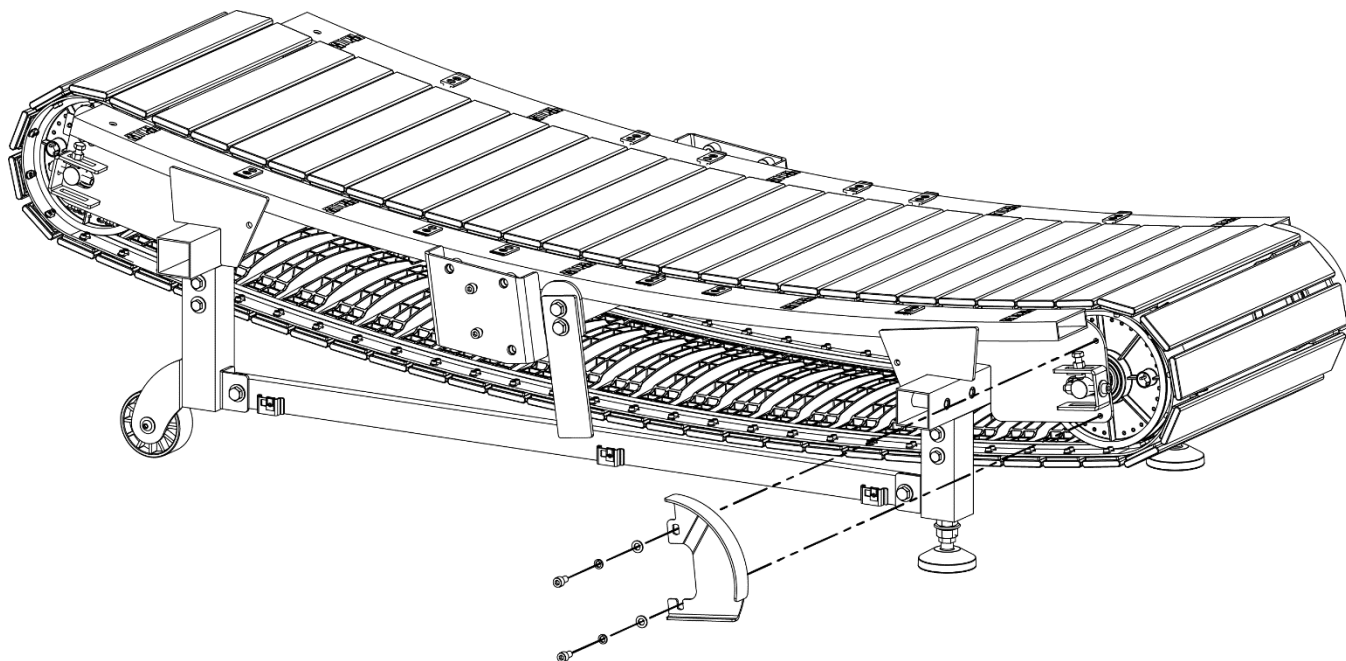
4. The main shrouds can now be removed. To remove each shroud, the 10 top screws and 3 lower screws shown below must be removed. Once all 13 screws have been removed then the shrouds can be slid off of the frame. Left side shown. Repeat for right side.



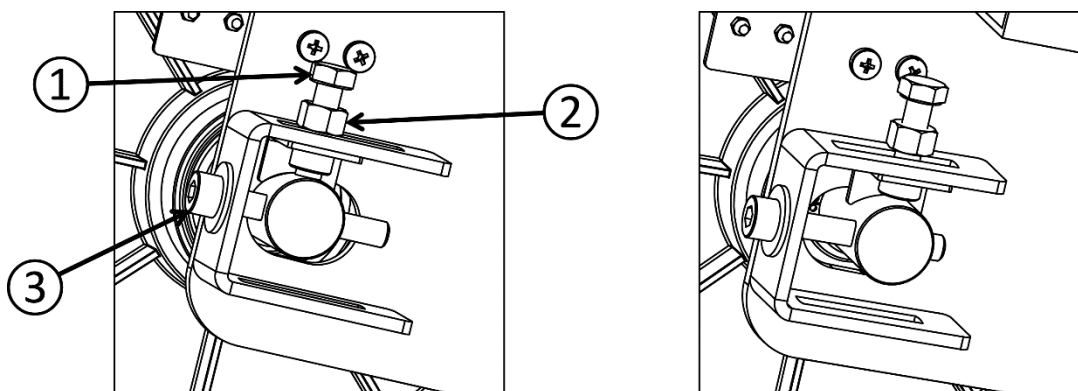
5. Remove the lifting bar from the rear of the treadmill as shown using the 16mm wrench to remove the four (4) retaining bolts.



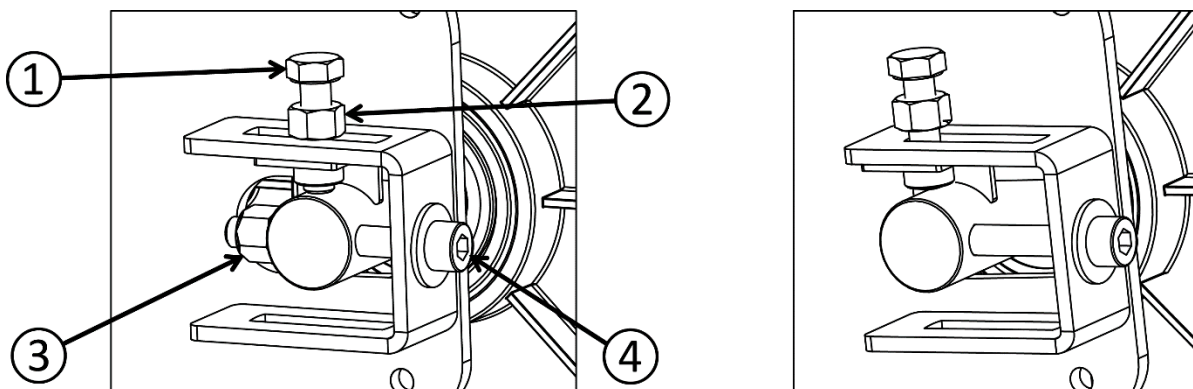
6. Remove the roller shield cover from the left side of the frame using the 6mm hex wrench as shown below.



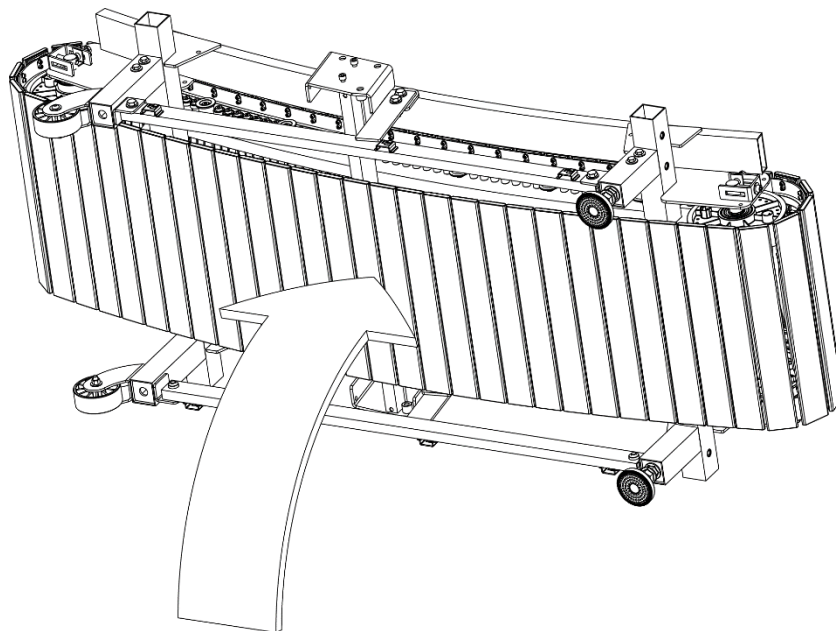
7. The running belt must have tension removed from it in order for the belt to be removed from the treadmill. Given this, both the front and rear rollers need to be moved towards the center of the treadmill. To move the front roller, loosen the retention bolts (1) and retention bolt jam nuts (2) shown below using a 13 mm wrench and then turn the adjusting bolts (3) counterclockwise using a 6 mm hex wrench until the roller shaft is all the way towards the back of the guide slot (i.e. end closest the middle of the treadmill). The picture shown below on the left shows the initial position of the front roller and the picture on the right shows the final position of the roller. Left side of the roller is shown. Repeat process on right side.



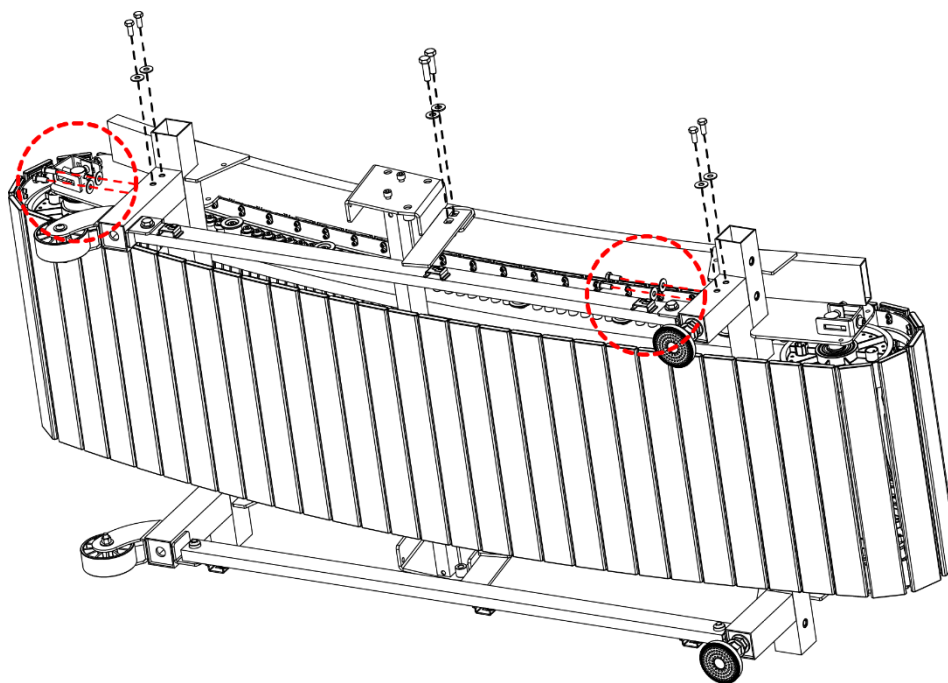
8. To move the rear roller, loosen the retention bolts (1) and retention bolt jam nuts (2) shown below using a 13 mm wrench, remove the adjusting bolt jam nut (3) using the same 13 mm wrench, and then turn adjusting bolt (4) counterclockwise using a 6 mm hex wrench until the roller shaft is all the way towards the front of the guide slot (i.e. end closest the middle of the treadmill). The picture shown below on the left shows the initial position of the rear roller and the picture on the right shows the final position of the roller. Left side of the roller is shown. Repeat process on right side.



9. With the rollers loosened lift the treadmill upwards from the left side until it is resting on its right side.

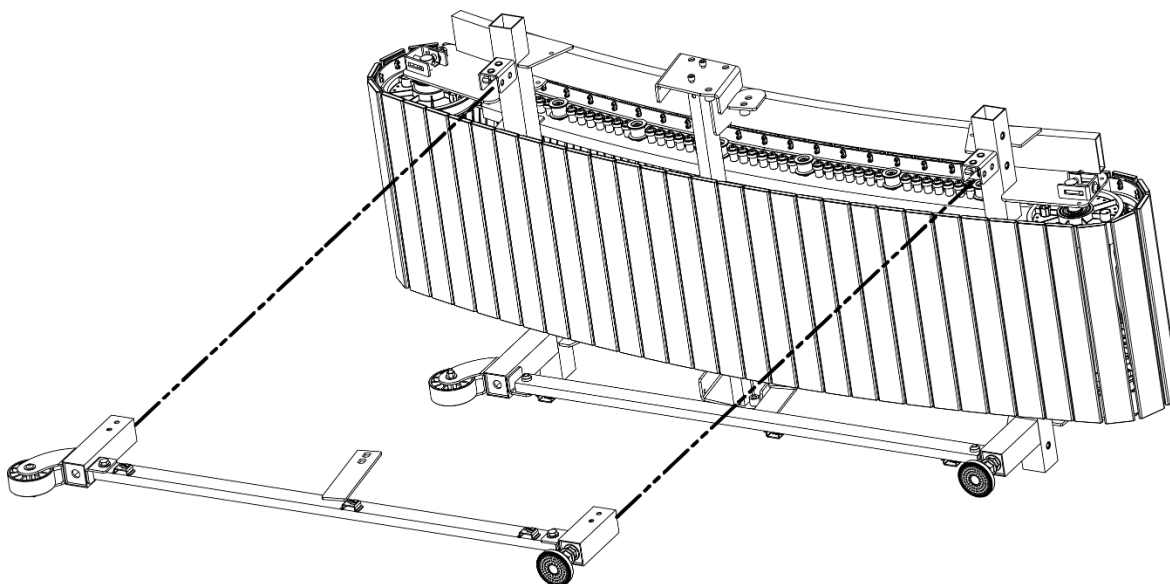


10. Remove the left supporting cross brace (includes left front mobility wheel and left rear leveling foot). To do this remove the eight (8) bolts at each end of the left supporting brace with the 13 mm wrench. Also remove the two (2) center bolts with a 16 mm wrench.

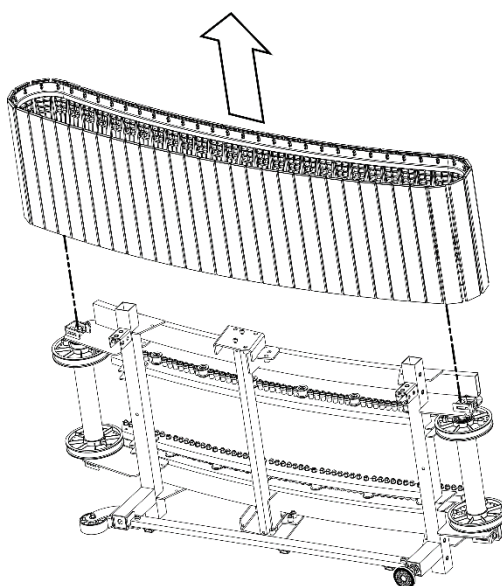




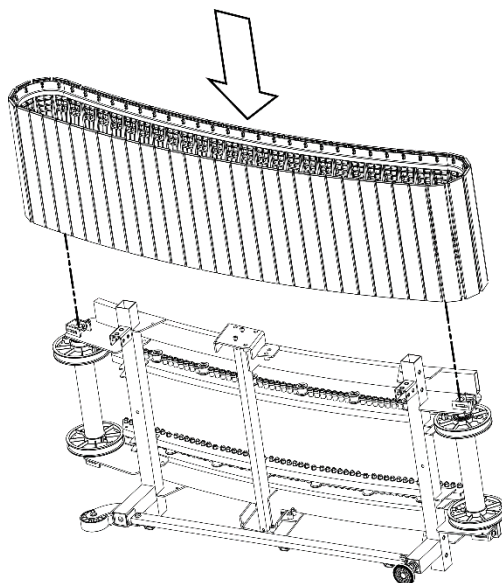
11. The left supporting brace can now be slid off from the frame as shown below.



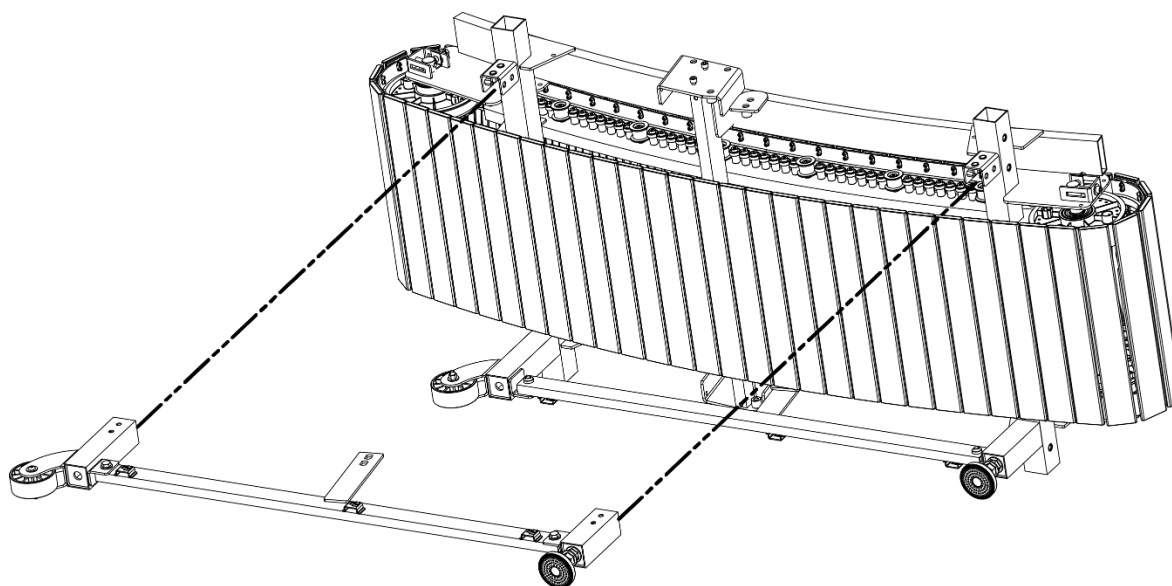
12. The belt can now be removed from the treadmill base. Lift the belt assembly off of the treadmill base as shown. As the belt is being lifted upwards, the guide ribs on the polyurethane belts will need to be guided around the roller pulley flanges to be freed from the frame. **Note: The treadmill belt assembly is heavy (i.e. ~80 lbs) and awkward to handle, and therefore it requires two (2) people to remove.**



13. The new belt can now be installed onto the treadmill base. As the belt is being placed down onto the base frame, the guide ribs on the polyurethane belts will need to be manipulated and located in the roller pulley flanges. **Note: The treadmill belt assembly is heavy (i.e. ~80 lbs) and awkward to handle, and therefore it requires two (2) people to install.**

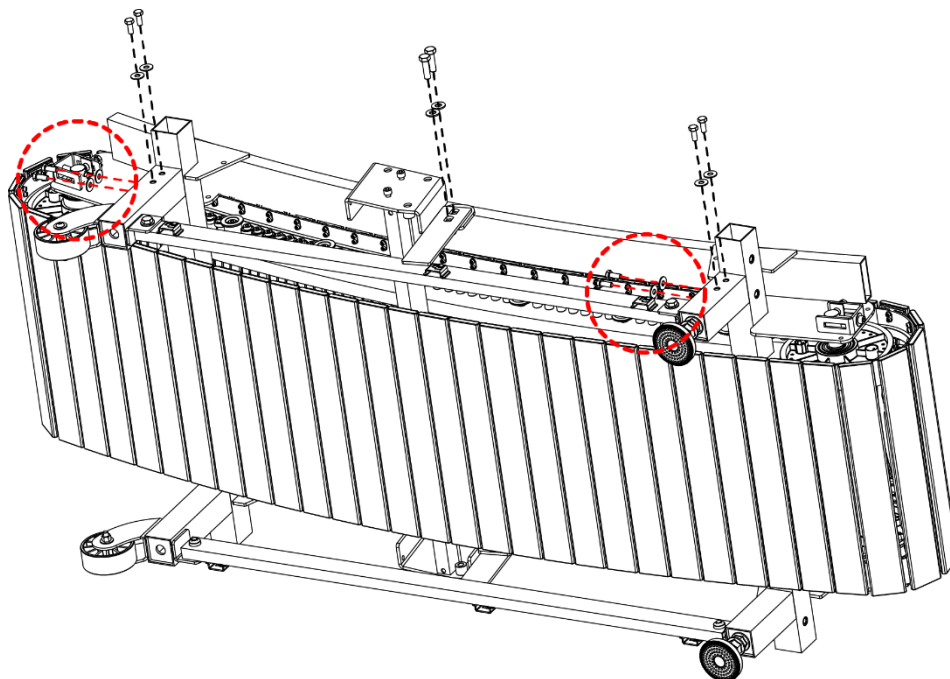


14. The left supporting brace can now be reinstalled onto the frame as shown below.

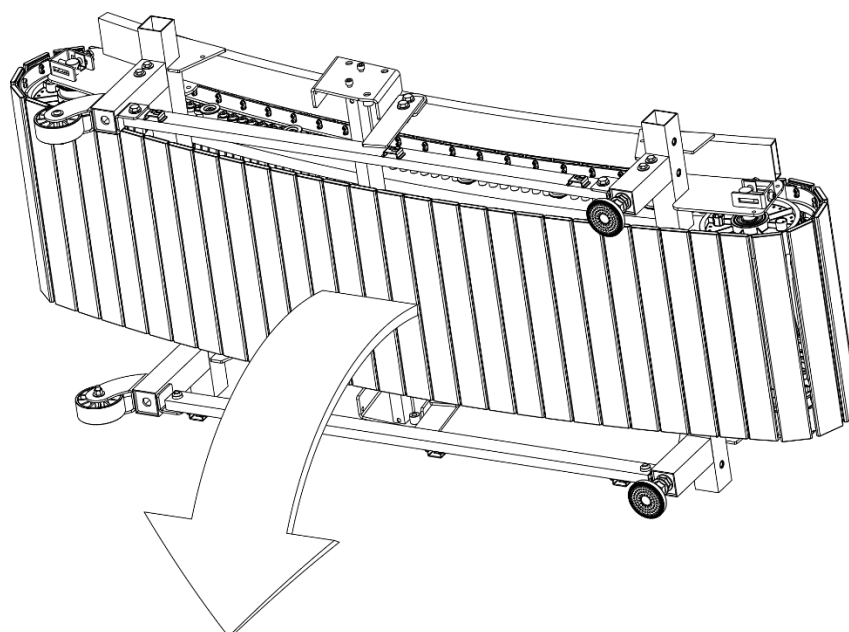




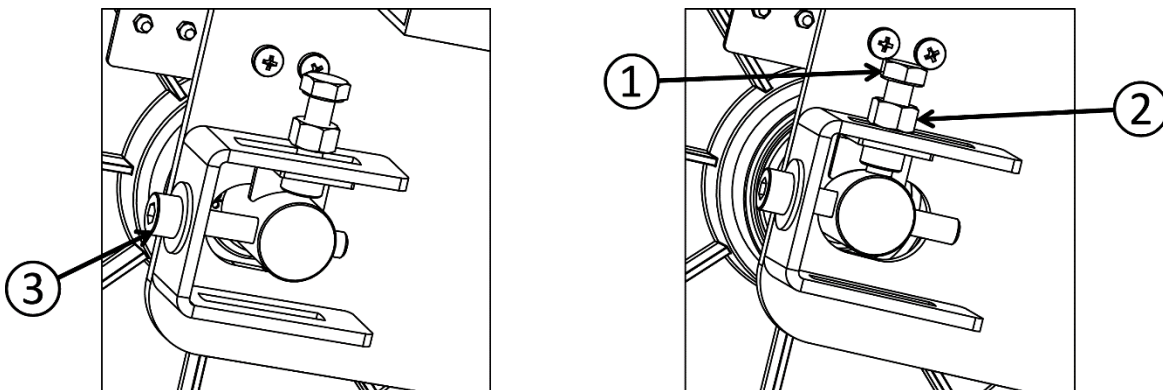
15. Reinstall the left supporting cross brace by installing the eight (8) bolts at each end of the left supporting brace with the 13 mm wrench. Also reinstall the two (2) center bolts with a 16 mm wrench.



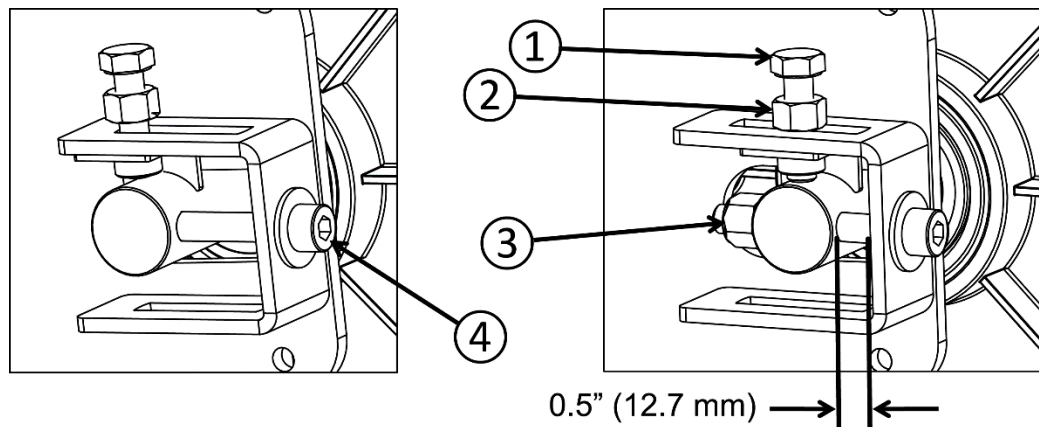
16. Will the left supporting cross brace reinstalled lower the treadmill back down on the floor.



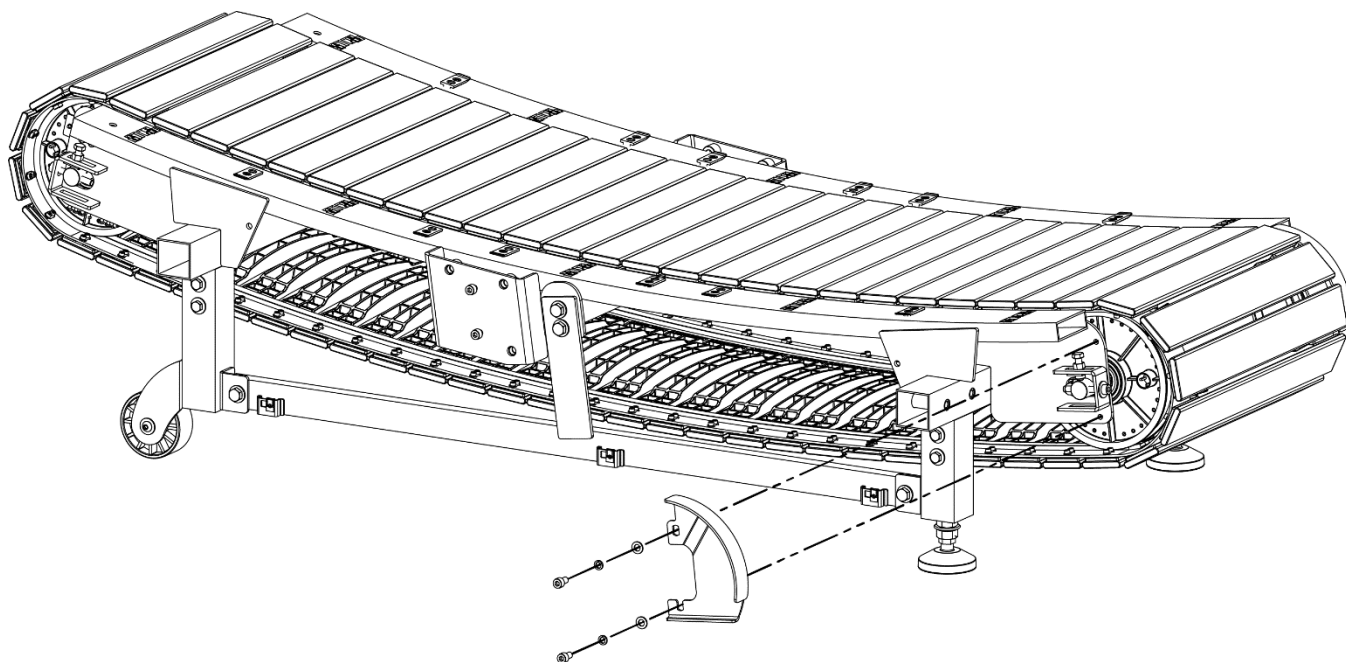
17. With the belt reinstalled, each roller's tension will need to be readjusted. Adjust the front roller first by turning the adjusting bolts (3) clockwise with the 6 mm hex wrench until the roller shaft rests against the front of the guide slot (i.e. end closest the front of the treadmill). Adjust both the left and right sides together. Once the roller is in the desired position, tighten the retention bolts (1) and then retention bolt jam nuts (2) using the 13 mm wrench to lock the rollers in position. Left side of the roller is shown.



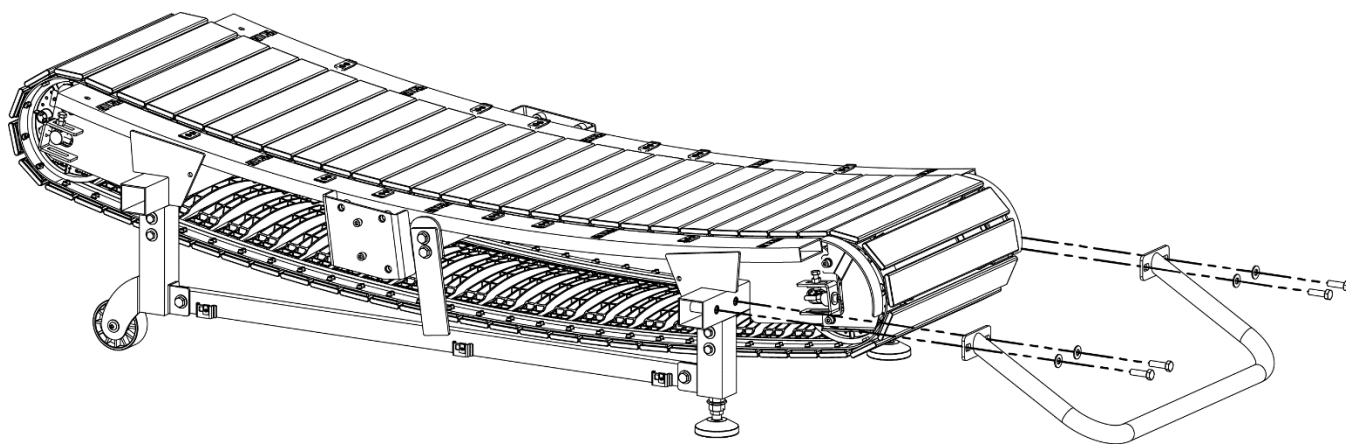
18. After the front roller has been adjusted, the rear roller can be adjusted. Adjust the rear roller by turning the adjusting bolts (4) clockwise with the 6 mm hex wrench until the roller shaft is 0.5" (12.7 mm) from the edge of the bracket as shown below in the right picture. Adjust both the left and right sides together. If the belt is not hanging evenly on the underside of the machine then small adjustments can be made by turning the adjusting bolt (4) on the side of the machine where the belt hangs the lowest. It should not take more than  $\pm 2$  turns of the bolt to balance the belt droop. Once the roller is in the desired position, tighten the retention bolts (1) and then the retention bolt nuts (2) using the 13 mm wrench to lock the rollers in position. The adjusting bolt jam nuts (3) can then be reinstalled using the 13 mm wrench. Left side of the roller is shown.



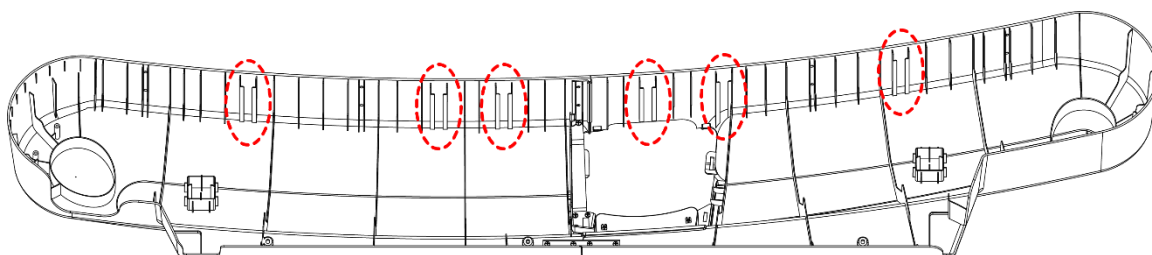
19. Install roller shield cover as shown below using the 6mm hex wrench.



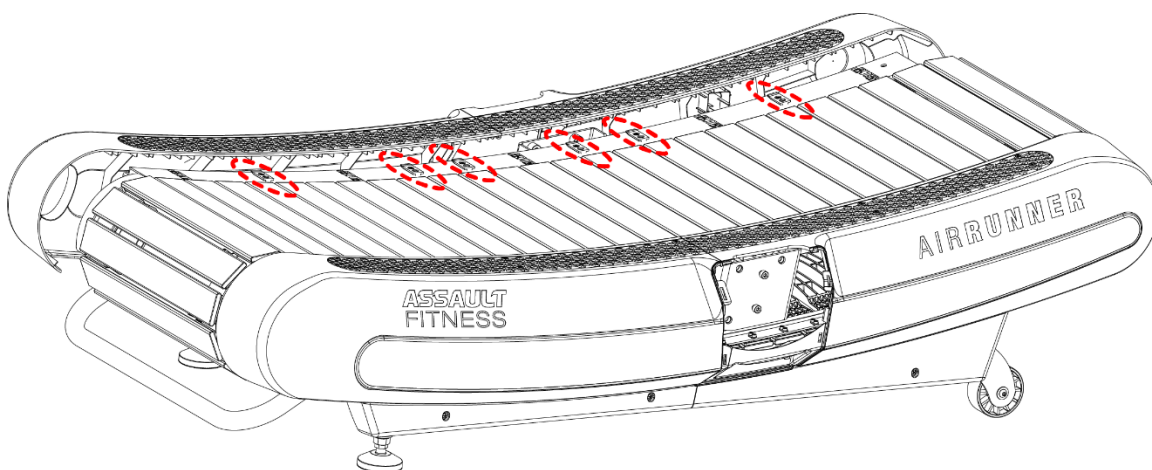
20. Install the lifting bar at the rear of the treadmill as shown using the 16mm wrench to install the four (4) retaining bolts.



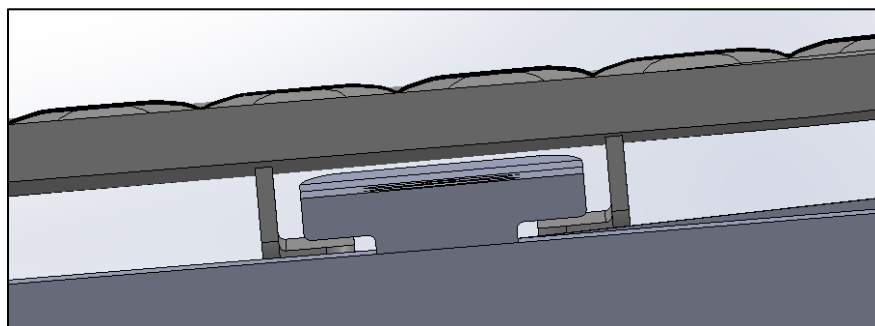
21. The main shrouds can now be reinstalled. To install each shroud, the locating features on the underside of the top surface of the shroud needs to be aligned with the retention tabs on the top of the side rail. With the locating features and retention tabs aligned the shroud can be slid on to the base frame.



Locating Features on Shroud



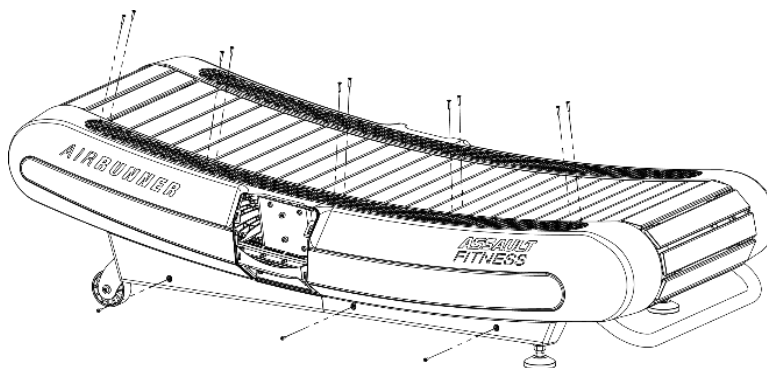
Retention Tabs on Frame Rail



Retention Tab Shown Inside Locating Feature on Shroud

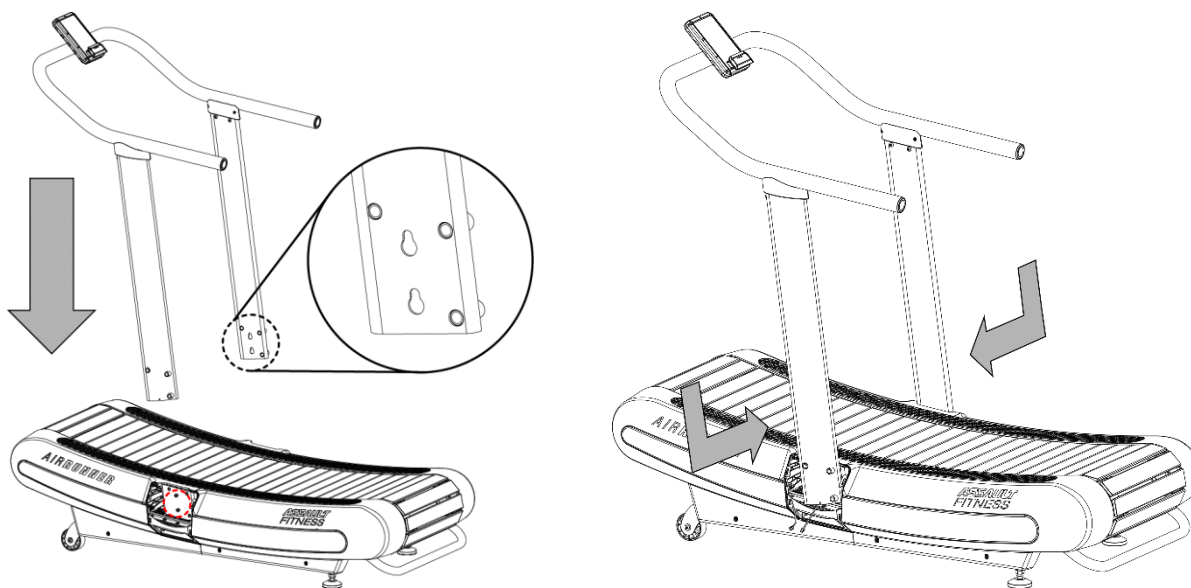
**NOTE:** *If the retention tabs do not slide inside of the locating features then the shroud will bow when the screws are reinserted. If this happens then remove the screws and slide the shroud away from the frame and reattempt to align shroud properly.*

22. Reattach the shroud, using the 10 top screws and 3 lower screws shown below that were removed during Step 4 above. Left side shown. Repeat for right side.



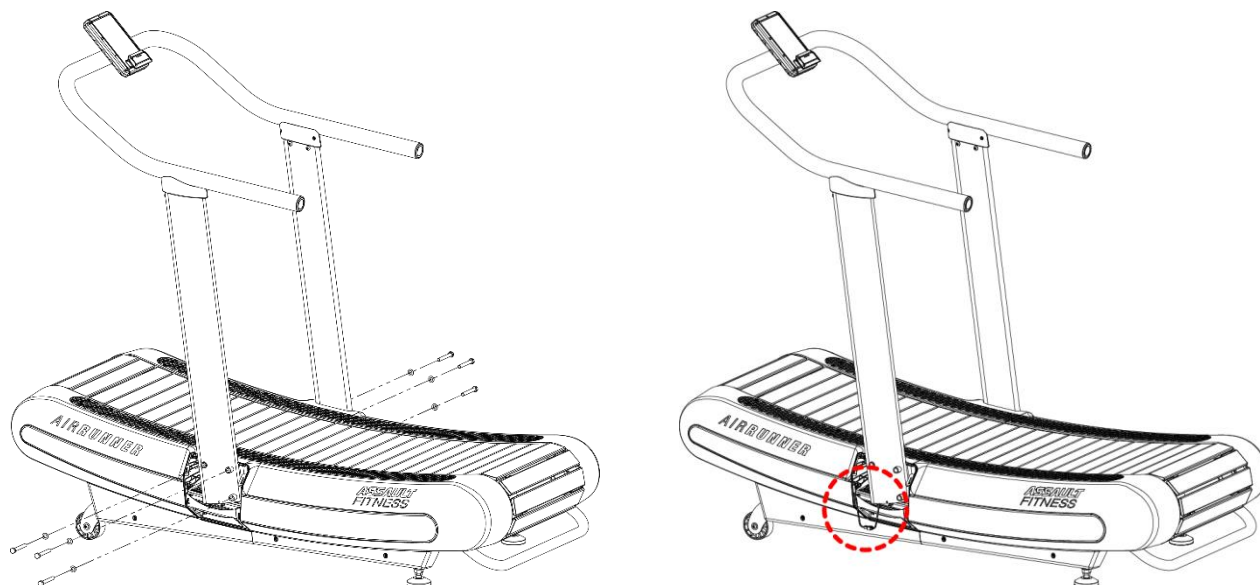
23. To reinstall the handrail assembly align each upright tube with the accommodating feature in the base frame. Lower the handrail assembly down and over the base frame. Note that the bottom of each upright tube will need to be pulled outwards slightly to clear the heads of the locating screws as the handrail assembly is lowered into position. To secure the handrail assembly, make sure that the locating screws are aligned with the inverted keyhole features at the base of the upright tubes. The bottom of each upright tube will “snap” inwards towards the belt when the locating screws are properly aligned with the keyhole features. At the point the handrail assembly should be supported by the locating screws so that the base bolts can be reinstalled.

**Note: We recommend using two (2) people to install the handrail assembly.**





24. Install the handrail base bolts and washers to secure the uprights to the base frame using the 16 mm wrench. Next, plug the cable found coming out of the frame base into the cable coming out of the bottom of the left upright tube and feed the cable into the frame cavity to allow for the center shroud to be reinstalled.



25. Reinstall the center shroud cover and secure with the retaining screws. Left side shown. Repeat process on right side.

