

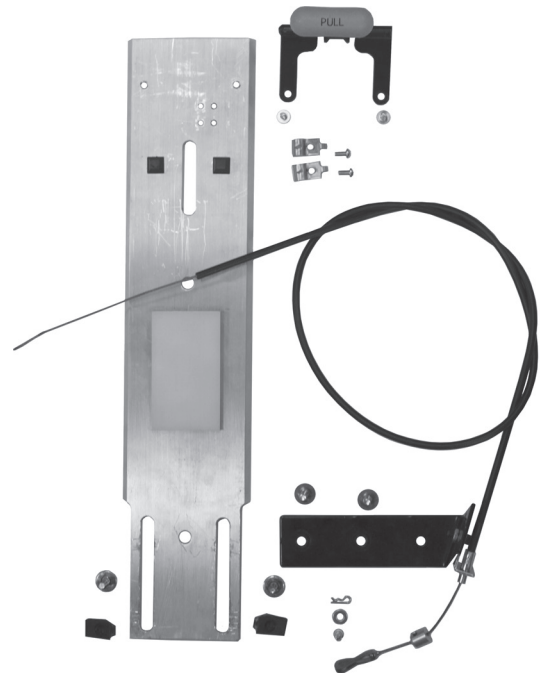
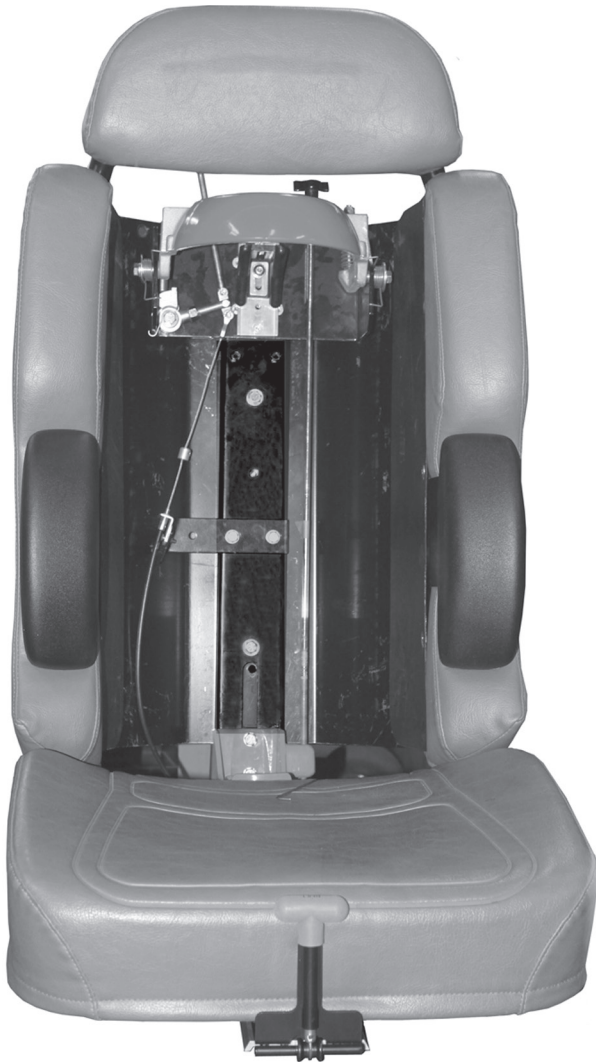
ZICO®

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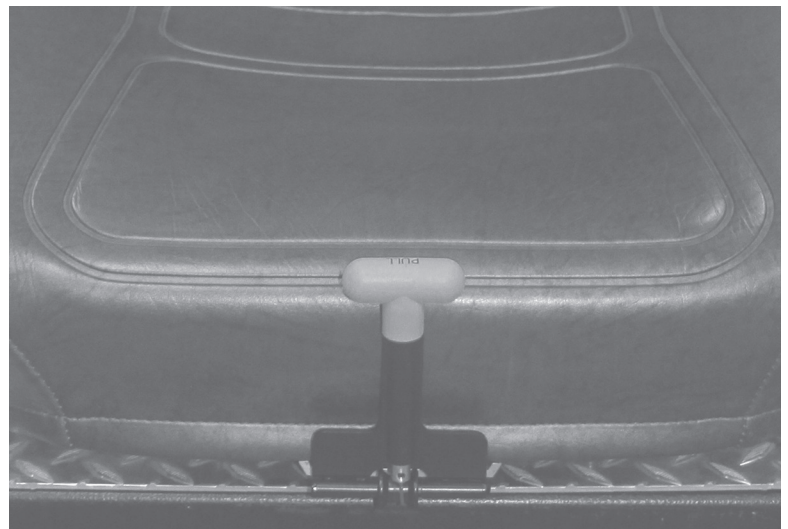
Rev. 7-6-17

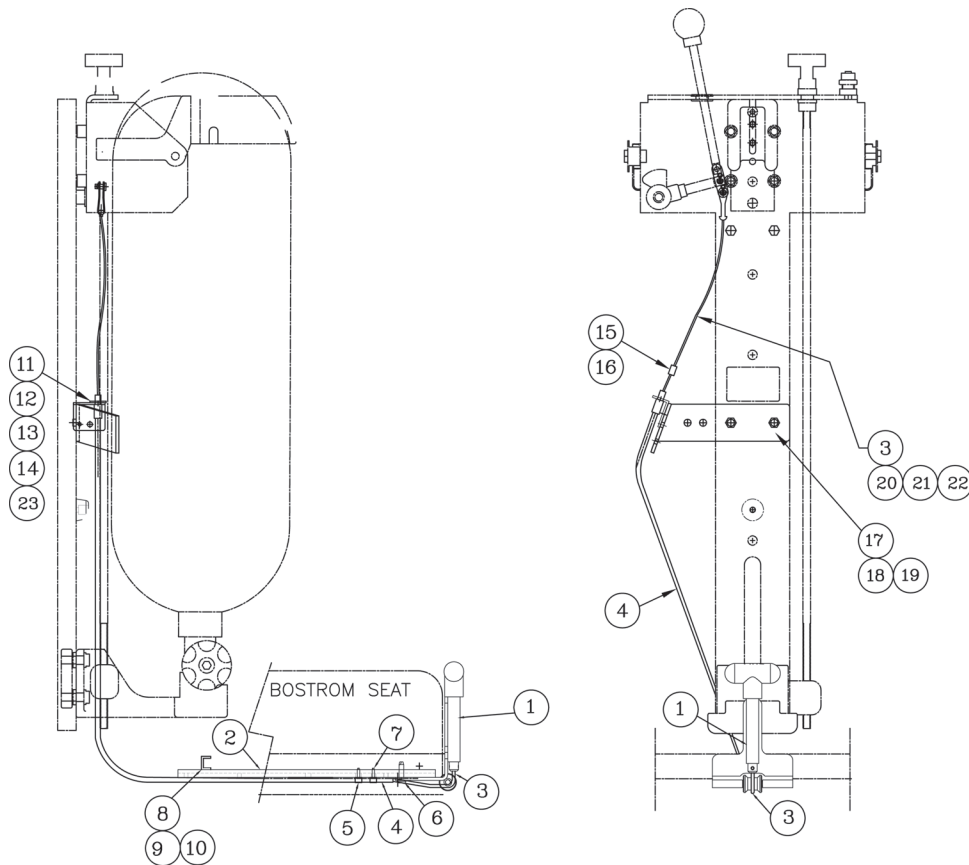
**CENTER PULL RELEASE IN BOSTROM 350/450 TANKER SEAT
FOR THE QUIC-LOCK MECHANICAL BRACKET
MODEL QM-QLM-CPR-TS**

The center pull release kit allows the SCBA bracket to be released by pulling a "T" handle located on the front of the seat. The kit puts the release in an accessible location where it is not in the way of the SCBA pack straps, or the seat belt. It includes all of the parts needed to make the conversion.



Model QM-QLM-CPR-TS is made for the Quic-Lock SCBA bracket in a Bostrom Tanker seat. For additional models or other combinations please contact us at 1-800-711-FIRE.





ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1010-065-905	Center Pull Release Assembly	1
2	1027-144-995	Cable Plate Assembly	1
3	1045-505-101	52" Pull Release Cable Assembly	1
4	1027-105-129	41.5" Conduit with Crimped Fitting	1
5	1027-144-105	Conduit Clamp	2
6	9025-172006	10-32 x 3/8" Thread Forming Screw	2
7	9010-221606	8-32 x 3/8" PH Phil	2
8	9010-102512	1/4-20 x 3/4" Hex Screw	2
9	9014-112500	1/4-20 Flat Washer	2
10	9012-362500	1/4-20 U Nut	2
11	1027-105-137	Push Nut	1
12	1027-105-135	Upper Pull Release Bracket	1
13	9010-222012	10-32 Nylon Lock Nut	1
14	9020-101-305	#6 x 5/16" SS Drive Screw	1
15	1045-320-185	Stop Sleeve	1
16	9010-391603	#8-32 x 3/16" Setscrew	1
17	1045-320-135	Release Bracket	1
18	9015-102512	1/4-20 x 3/4" HH Screw	2
19	9114-112500	1/4" Plainwasher	2
20	9082-001209	Hairpin Cotter	1
21	9014-111900	#10 Plainwasher	1
22	9080-001808	3/16 x 1/2" Clevis Pin	1
23	9010-502010	10-32 x 5/8" Button Head Screw	1

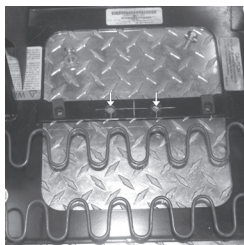
Center Pull Release Installation Instructions for 450 Tanker Seat

Before installing the Center Pull Release kit, make sure that the Quic-Lock is fully adjusted for the SCBA being used.

1. Remove the (2) bolts holding the rear of the seat cushion down to the cross brace then flip the cushion up.



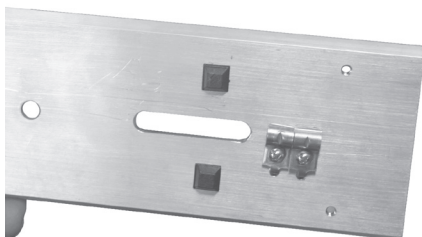
2. Lay out and drill (2) 25/64" holes on the center of the brace spaced 2-1/4" apart.



3. Insert the (2) extruded U nuts (Item 10) into the holes, threads down.



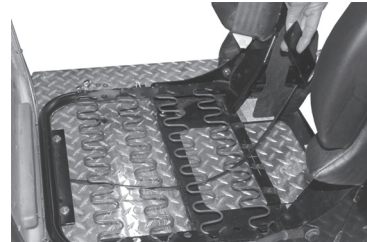
4. Mount the conduit clamps (Item 5) to the flat side of the cable plate (Item 2) with the 8-32 x 3/8" screws (Item 7). At this point do not tighten.



5. Mount the center pull release assembly (Item 1) to the channel side of the cable plate with (2) 10-32 x 3/8" screws.



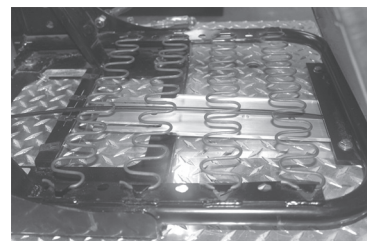
6. Lift the cushion and from the area of the Quic-Lock bracket feed the conduit and cable towards the front of the seat keeping it above the cross brace and mounting frame but below the springs and the front of the seat. Push it out far enough to accommodate the full length of the cable plate.



7. From the channel side of the cable plate, feed the conduit and cable through the center slot and under the clamps. Push the conduit even with the end of the cable plate and tighten the clamps.

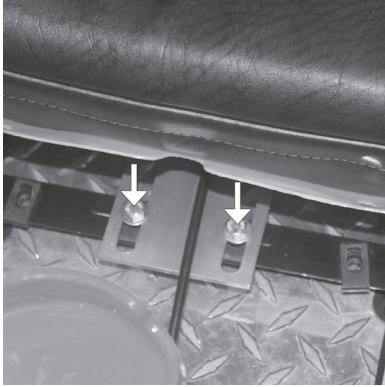


8. Install the conduit and cable plate under the front of the seat frame and springs keeping it above the mounting frame and the cross brace.



Center Pull Release Installation Instructions for the 450 Continued

9. Allow the seat cushion to rest back down far enough to start 1/4-20 x 3/4" hex screws (Item 8) with 14" fender washers (Item 9) through the slots in the cable plate into the U nuts. (Only tighten it 2 turns.)



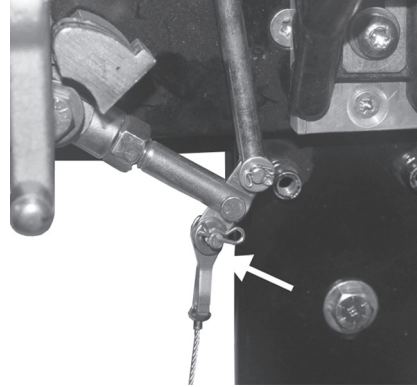
10. Let the seat cushion go all the way down and push the release assembly into the chosen location. Once in place, tighten the (2) screws holding the cable plate in place.



11. Mount the release bracket (Item 12) to the Quic-Lock using (2) 1/4-20 x 3/4" screws (Item 18) and (2) 1/4" plain washer (Item 19).



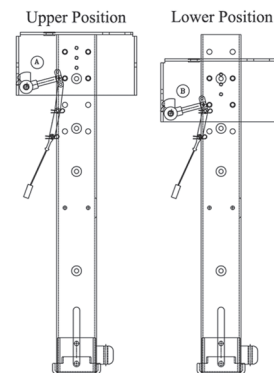
12. Take the strap clevis on the end of the cable and connect it to the Quic-Lock, in the unlocked position, as shown in the picture using (1) cotter hairpin (Item 20), (1) 3/16" x 1/2" clevis pin (Item 22) and (1) #10 plain washer (Item 21).



13. Feed the cable under the roller and towards the bottom of the "T" handle and pull the upper clamp on the Quic-Lock down. Secure the Quic-Lock in the locked position by pulling up on the red knob.

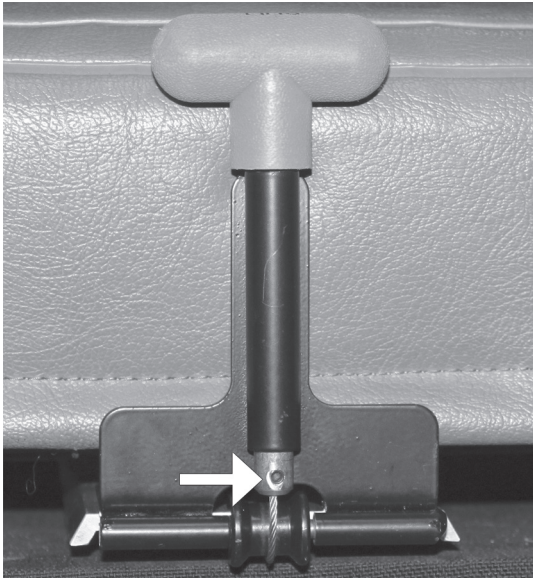


14. If the upper bracket of the Quic-Lock is in the top position, the cable is the proper length. If the Quic-Lock upper bracket is in the lower position, then 2 inches must be trimmed off the cable before attaching it to the "T" handle.

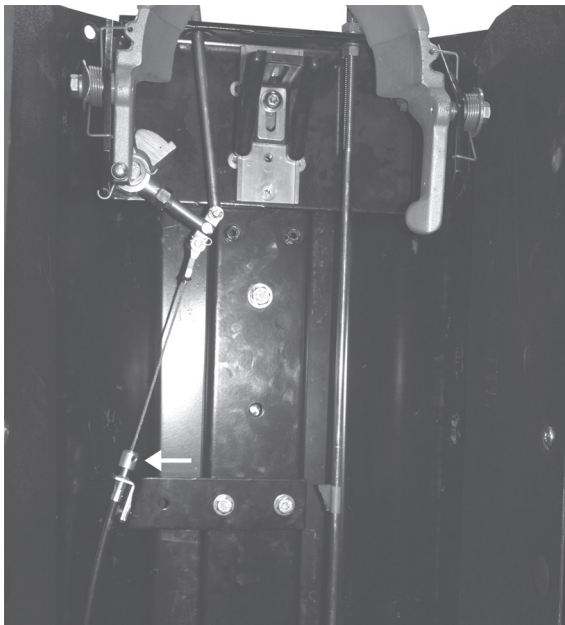


Center Pull Release Installation Instructions for the 450 Continued

15. Insert the cable into the bottom of the "T" handle shaft. Make sure the "T" handle is in the down position then tighten the (2) 5/64" hex screws. (There is one on the front and one on the back. The handle will need to be rotated 180° to reach the second screw.)



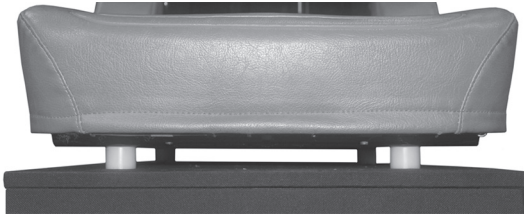
16. Loosen the 5/64" set screw in the stop barrel and pull the "T" handle until the Quic-Lock unlocks. Stop pulling the "T" handle after it unlocks and hold it in that position. Make sure that the barrel is as low as it can go, then tighten the set screw.



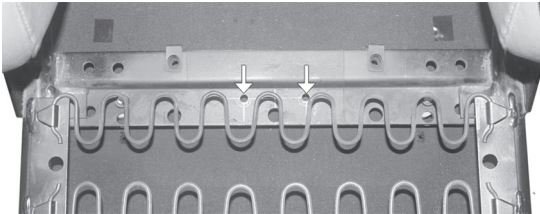
Center Pull Release Installation Instructions for the 350 Tanker

Before installing the Center Pull Release kit, make sure that the Quic-Lock is fully adjusted for the SCBA being used.

1. If the seat is bolted directly to a flat mounting surface, you will have to elevate it to a minimum of 7/8".



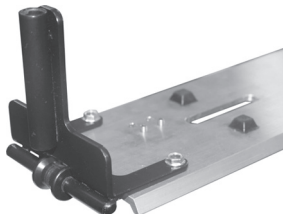
2. Remove the (2) bolts holding the rear of the seat cushion down to the cross brace then flip the cushion up.
3. Layout and drill (2) 9/32" holes 1" back and 2-1/4" apart on the center of the rear seat mount.



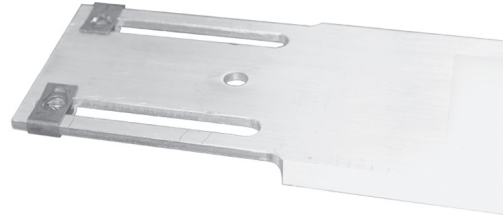
4. Mount the conduit clamps (Item 5) to the channel side of the cable plate (Item 2) with the 8-32 x 3/8" screws (Item 7). At this time, only hand tighten two full turns.



5. Mount the center pull release assembly (Item 1) to the flat side of the cable plate with (2) 10-32 x 3/8" screws.



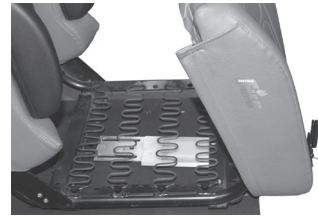
6. From the outside edge placed at the far end of the elongated slots, install the (2) 1/4-20 extruded U nuts onto the cable plate with threads facing the channel side. *(Tapping on them lightly with a hammer makes the process easier.)*



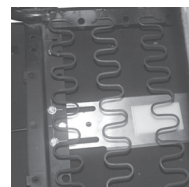
7. Life the cushion and from the area of the Quic-Lock bracket feed the conduit and cable under the rear seat mount, springs, and the front seat mount.
8. While keeping the conduit on the channel side of the cable plate pass the non-crimped end under the clamps pushing it even with the end of the plate and tighten the clamps.



9. Life the cushion and feed the cable plate, channel down, with the attached conduit and cable under the front seat mount, springs and the rear seat mount.

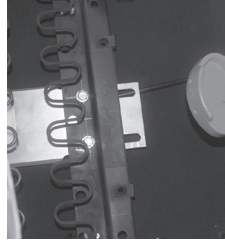


10. Allow the seat cushion to rest back down far enough to start 1/4" x 3/4" hex screws with flat washers through the (2) 9/32" holes in the rear seat mount into the U nuts. (Do not tighten.)



Center Pull Release Installation Instructions for the 350 Tanker

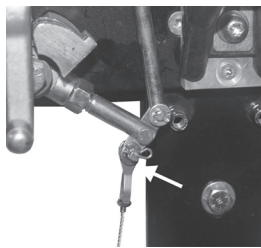
1. Let the seat cushion go all the way down and push the release assembly into the chosen location. Once in place, tighten the (2) screws holding the cable plate in place.



12. Mount the release bracket (Item 12) to the Quic-Lock using (2) 1/4-20 x 3/4" screws (Item 18) and (2) 1/4" plain washer (Item 19).



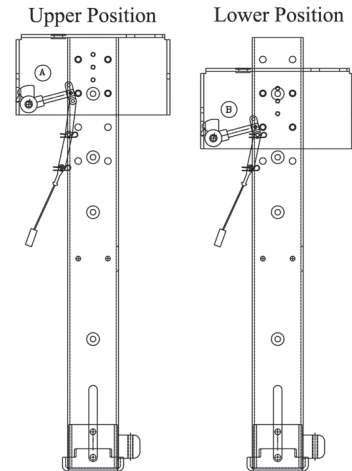
13. Take the strap clevis on the end of the cable and connect it to the Quic-Lock, in the unlocked position, as shown in the picture using (1) cotter hairpin (Item 20), (1) 3/16" x 1/2" clevis pin (Item 22) and (1) #10 plain washer (Item 21).



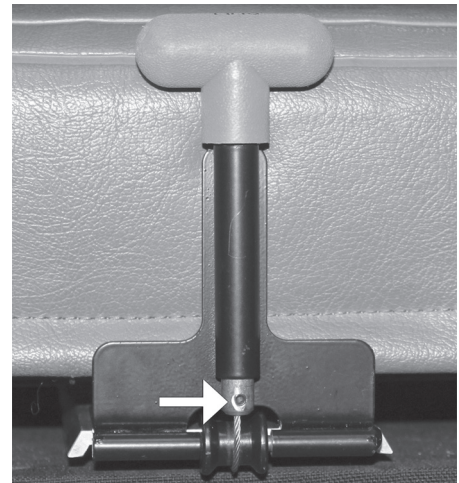
14. Feed the cable under the roller and towards the bottom of the "T" handle and pull the upper clamp on the Quic-Lock down. Secure the Quic-Lock in the locked position by pulling up on the red knob.



15. If the upper bracket of the Quic-Lock is in the top position, the cable is the proper length. If the Quic-Lock upper bracket is in the lower position, then 2 inches must be trimmed off the cable before attaching it to the "T" handle.

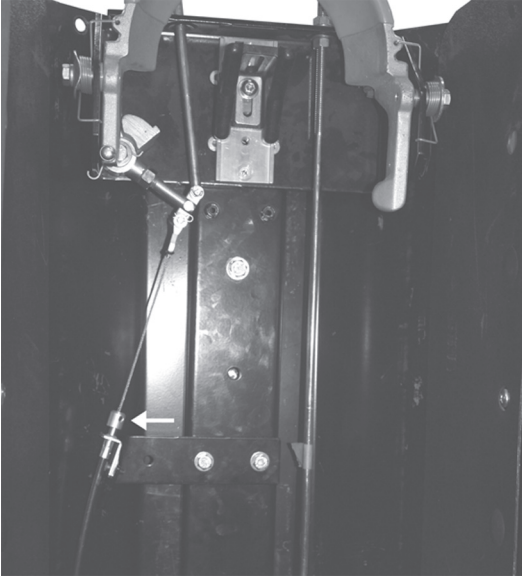


16. Insert the cable into the bottom of the "T" handle shaft. Make sure the "T" handle is in the down position then tighten the (2) 5/64" hex set screws. (There is one on the front and one on the back.) The handle will need to be rotated 180° to reach the second screw.

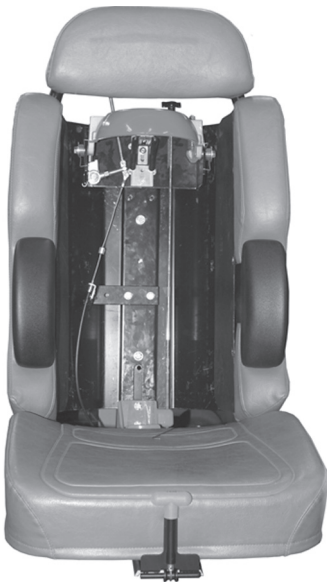


17. Loosen the 5/64" set screw in the stop barrel and pull the "T" handle until the Quic-Lock unlocks. Stop pulling the "T" handle after it unlocks and hold it in that position. Make sure that the barrel is as low as it can go, then tighten the set screw.

Center Pull Release Installation Instructions for the 350 Continued



18. The center pull release should now be installed properly. Check to make sure that it releases the Quic-Lock properly without the "T" handle coming out of the bracket. If this is an issue, begin with step 11 again and follow to the end.



Ziamatic Corp.

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