1. Flip the Kart seat to the upright position (1a) and pry the yoke cap off with a small flat-bladed screwdriver (1b).

2. Detach the metal frame from the plastic seat shell by removing four (4) screws.
3. Remove the plastic caps located on both sides of the chair by prying with a small flat-bladed screwdriver.

**NOTE:** The plastic caps will break during removal and will need to be replaced by new ones (Service Kit Number 781689SR).

Remove three hex head bolts, on each side, using the 11mm hex socket.

You can now remove the arms-to-back assembly from the main chair control.

4. Hold tightly to the tension knob while removing the nut and washer from the tension knob assembly. Use the 11mm hex socket over the nut. Set the nut and washer aside.

5. While a second person holds the metal frame, remove two screws from each side with the T-27 torx bit.
6. Remove the complete mechanism assembly from inside the yoke.

7. The second person can now have access to the back lock latch at the bottom. Remove the two button head screws with a T-27 torx bit and detach it from the yoke in order to gain more freedom to work with the seat and the mechanism assemblies in a separate area. Set the latch & screws aside.
8. Take the new mechanism assembly and assemble it onto the seat shell. Make sure the wire from the latch is properly routed inside the plastic channel in the seat shell (8a). Once the metal frame is assembled to the seat shell, make sure there is grease on the marked areas (8b), lithium grease (not included) is recommended for lubing the moving parts in the mechanism. NO WD40 should be used. Keep the rubber pack free of any type of lubricant.
9. Using the help of a second person, hold the complete seat assembly over the yoke, re-assemble the back lock latch into place (9a). Then place the mechanism axle back into the yoke. Make sure the brackets on top of the axle are aligned and ready to be assembled. Make sure the back lock pin engages with the side plates in the mechanism (9b). Put the screws back in to secure the mechanism to the yoke (9c).
10. Place adjustment nut on torsion assembly. Using the spring compression tool, pull down torsion assembly and thread the tension knob into the adjustment nut and tighten. Use the same sequence as shown on step 4 - page 3.

11. Place the yoke cap onto the yoke and tap into place with rubber mallet. During this step, make sure the end of the back lock lever aligns with the lock block and both parts are engaged.
12. Place the back assembly back into its original position. Reinstall the three hex head bolts that were removed in step 3 - page 3, on each side, using the 11mm hex socket (12a). When assembled, install the plastic caps on the base of the arms and use hot melt glue, as shown, to keep them in place (12b).