



Ricon Wheel Chair Lifts

Tech Tip #09-0625-2ACREVA

Ricon Wheel Chair Lifts

UPDATE: 7/17/17- Thank you to all who attended the 2nd Annual “Team Blue Bird” Summer Training on July 13th. We apologize that a representative was unable to attend a training we had scheduled. There were questions concerning oil, the tool kit part number and lubrication. We had done this Tech Tip which covers those subjects and as promised during the training, it is below. If you need further information or have more questions please feel free to contact John Johnston at jjohnston@newyorkbussales.com or at [315-263-0766](tel:315-263-0766).

During a training session which we hosted yesterday for Harry Folkemer at Duanesburg Central School as the CASDA Head Mechanic Association President and presented by J.F. Viau from Ricon Corporation there were some good points that were picked up on –

UPDATE – 8/20/09- Dominic Barse and the gang at Malone Central School hosted the Northern Tier Head Mechanics meeting today and there is one important item which I originally missed.

- **If you are having an issue with lift operation – Check for the “GREEN” LED light on top of the pump housing.**
- **If the light is GREEN then there is an issue with the interlock system**
- **If the light is NOT lit then there is an issue with the lift**

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- Availability of tool kit – Part#V2-SH-57 – sold as all tools are through NYBS at cost
- (+) freight \$164.40
- Use 15W Aircraft Hydraulic Oil with a MIL SPEC of H5606
- Automatic Transmission will work but will cause issues
 - Slow operation in cold weather
 - Premature leaks as it wears seals
 - Lubrication-
 - Use Silicone/Teflon spray on springs
 - DO NOT Lube pins and bushings as that will cause premature wear due to their design – They just need to be kept clean. ➤ 5 Year Warranty on cylinders and pumps
 - Cylinders are re-buildable and now have updated seals – kits will come new glad nuts and new end nuts which have seals already installed.
 - If you have a “stow lock solenoid” which has failed – Check the deploy switch for sticking as if that switch sticks the design of that solenoid will not handle the current for more than 2-3 minutes before the solenoid burns out.
 - There are 4 Basic adjustments to the “S” series lift
 1. Floor Level-
 - From Ground
 - From Deploy
 2. Platform “Pitch”
 - 3. Weight Switch – 50 lbs.
 - 4. Stow Lock
 - The “K” Series has 2 additional adjustments
 1. Adjust hinge point gaps from side to side
 2. Roll Stop in Stow Position
 - Technical and Service Info is available at <http://www.riconcorp.com>
 - Click on Support Tab
 - Click on Technical Documents
 - Answer the disclaimer with: “I agree”
 - Here you will find all sorts of bulletins, tech tips, service manuals, etc.

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