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May 7, 2018

Dear Altec Owner,

Altec Industries, Inc. has developed a product modification which relates to certain DC Series derricks built with controls below rotation.

Refer to SIL 677 for items covered under the warranty policy. Altec will supply necessary parts to correct this condition.

In order to determine if your unit is affected by SIL 677, compare the serial number of your unit with the list of affected units as described on the SIL. The product improvement can be performed by the customer or you may contact Altec at 1-877-GO-ALTEC (1-877-462-5832) for further assistance.

At any time, you may contact Altec at 1-877 GO ALTEC (1-877-462-5832) with your unit's serial number to determine if there are any other outstanding notices.

If you have sold or retired the unit please call Altec at 1-877-GO-ALTEC (1-877-462-5832) so the records may be changed.

We regret this inconvenience; however we are taking this action in the interest of your safety and continued satisfaction with Altec products.

Thank you for your immediate attention on this important matter.

Service Information Letter

Date: May 7, 2018

Units Affected: DC Series Derricks with Controls Below Rotation (see attached list)

Slip Ring Inspection

Altec is committed to providing our customers reliable products from initial delivery throughout the useful life of the machine.

Altec has discovered that the slip ring on some DC series derricks equipped with controls below rotation has been installed improperly. The installation can cause the slip ring not to rotate properly as the turntable rotates. If the slip ring does not rotate properly, the wires coming out of the top of the slip ring can be damaged. If the wires are damaged, the HOP system may not work correctly or there may be a malfunction of one or more of the spare electrical circuits.

Altec recommends that the slip ring on the affected units be inspected within the next 30 days after receipt of this SIL. The instructions for the inspection procedure begin on Page 2, along with the actions to take as a result of the inspection.

This repair is covered under the Altec Warranty Policy and can be performed by Altec, the customer, or the customer's warranty provider. Altec will perform the repair for free. If the customer, or the customer's warranty provider performs the repair, a warranty claim must be submitted to be reimbursed for the cost of the parts and/or labor. Altec will allow up to \$180 for the labor to perform this repair. There is no warranty reimbursement for the inspection. Call 1-877-GO ALTEC (1-877-462-5832) to schedule the work to be done by an Altec service technician. Customers are responsible for the travel costs of an Altec Mobile Service technician if the technician performs the inspection or repair at the owner's location.

Inspection Procedure

Normal mechanics hand tools are required for this procedure. Read and understand all steps of the instructions before beginning the procedure.

1. Remove the covers from the front and back of the pedestal to allow access to the rotary joint and slip ring.
2. Grip the aluminum ring at the top of the slip ring (refer to Figure 1) and try to turn it clockwise and counter clockwise. If the ring cannot be turned, go to Step 3. If the ring can be turned, go to Step 5.

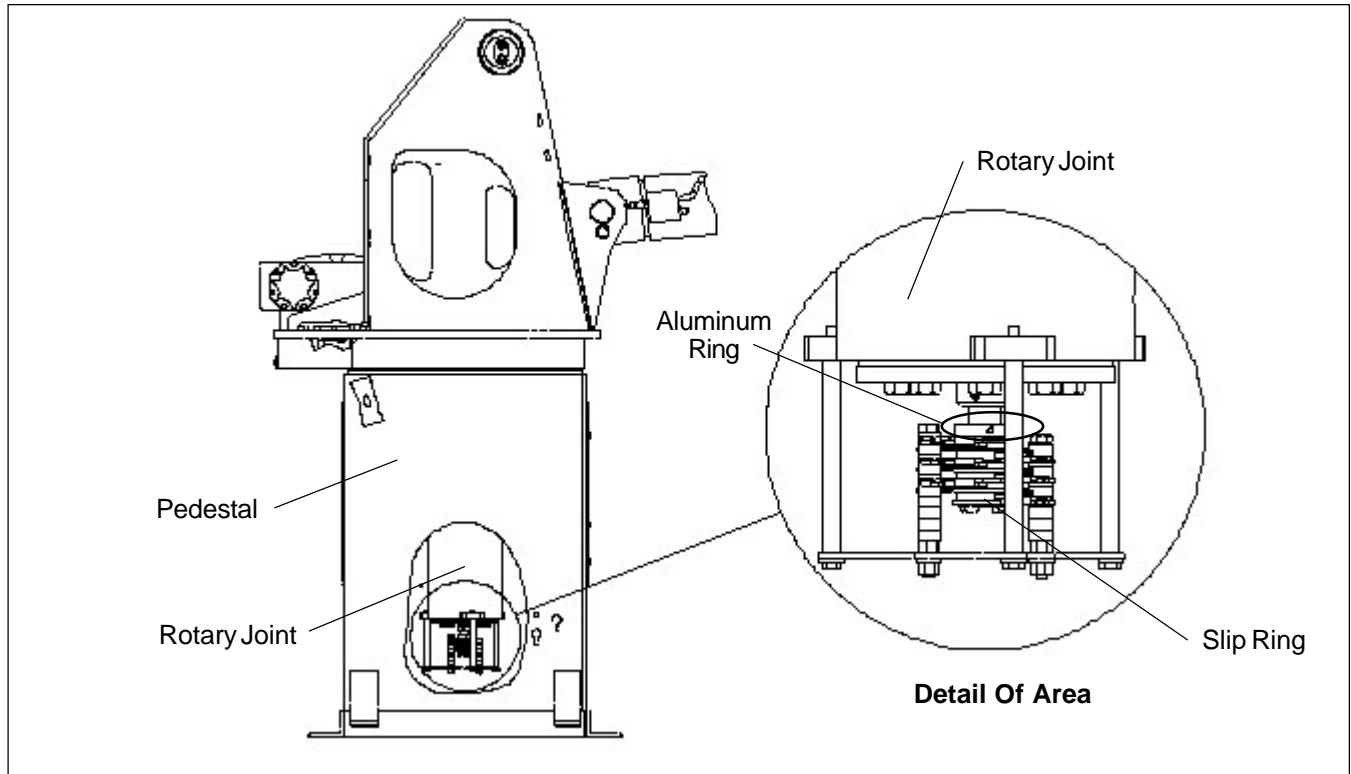


Figure 1 — Slip Ring Mounting

3. Check to see if there is a set screw in the tapped hole in the boss on the bottom of the rotary joint (refer to Figure 2). Insert a $\frac{1}{8}$ " Allen wrench in the hole and try to engage the hex socket of the set screw. If the Allen wrench engages a set screw in the hole, go to Step 4. If there is no set screw in the hole, the slip ring is improperly installed, continue on to Step 5.

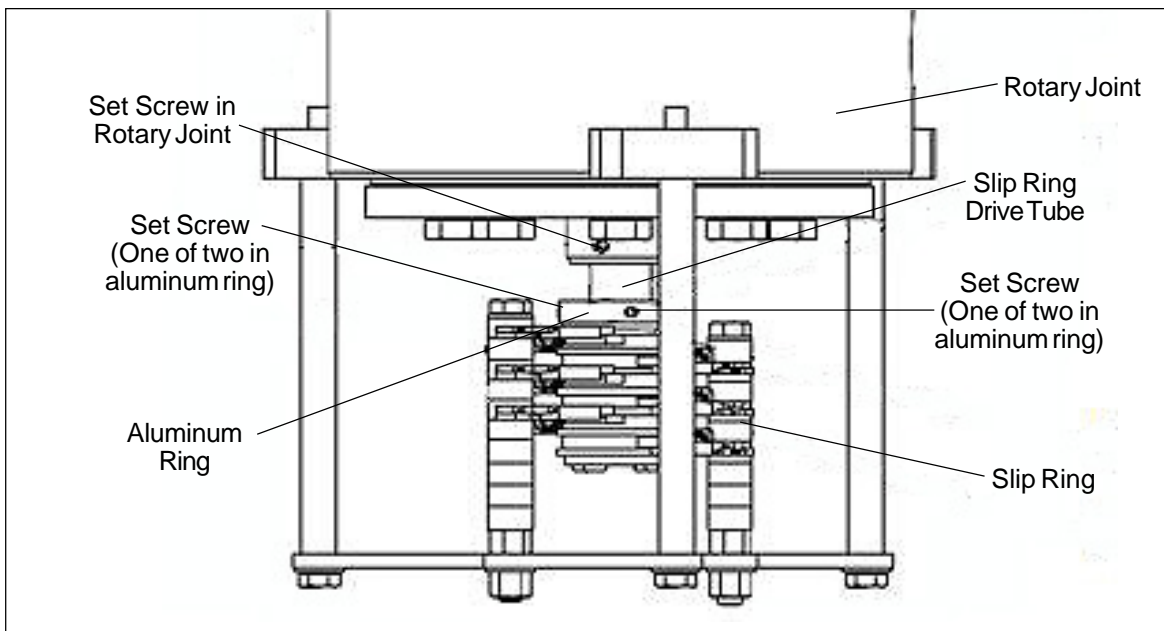


Figure 2 — Set Screw Location

4. Use a $\frac{1}{8}$ " Allen wrench to make sure the set screw in the boss on the rotary joint is tightened snugly against the slip ring drive tube. Use a $\frac{3}{32}$ " Allen wrench to make sure both set screws in the aluminum ring at the top of the slip ring are tightened snugly against the drive tube. After all the set screws are in place and tight, the slip ring is now properly installed. Continue to Step 6.
5. If the aluminum ring at the top of the slip ring can be turned by hand or there is no set screw in the hole, the slip ring is improperly installed and it must be replaced. Order the Slip Ring Replacement Kit, part number 990590165, by calling 1-877-GO ALTEC (1-877-462-5832). If a wire breaks before the slip ring is replaced, the unit can stop operating or accessories above rotation may not work.
6. Reinstall the covers on the pedestal and return the unit to service.