

Pivot Maintenance

In order to ensure optimal performance from your pivot, you should perform maintenance on the machine twice a year. One thorough maintenance protocol should be performed in the Spring to prepare for the growing season, and one maintenance protocol in the Fall to prepare for Winter conditions.

The following should be done:

- Check all Electrical Connections to ensure there are no loose connections. NOTE: disconnect electrical sources before performing this task.
- Check all electrical wire nuts for corrosion and make sure they are vertical to allow for moisture to empty.
- Check gearbox oil for milky discoloration. If Milky, change it.
- Change Gearbox Oil every 3,000 hours of Operation.
- Check wheels and tires for damage. Inflate tires to manufacturers' recommended pressure.
- Check Pivot alignment. A slight leading arc is okay, but a drastic lead and virtually any drag can cause significant damage and downtime.
- Check Wheel Tracks for debris or obstacles.
- Ensure all center drive and gearbox housings are secure.
- Visually check all nuts and bolts for tightness.
- Check all drains and clear any visible debris.
- Visibly inspect all bolts in the v-jacks and tower supports to ensure they are secured.
- Check sprinklers and regulators for proper functionality by firing up the Pivot and doing a test run of water through the system.

Lastly, if you can't do this yourself, Great Basin Irrigation can do this for you. Our “Pivot Health Inspection” service performs this checklist for you.

- **If we see anything that needs to be replaced, we can order and install those items for you.**
- **If we see something we think may need to be replaced in the near future, we will let you know about it.**

We charge \$300 for the first Tower and \$100 per Tower after.

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