

## Pre-Season DIY Checklist:

- Verify the system electrical ground.
- Look for any structural or electrical hazards.
- Check the pivot center
  - Inspect pivot pad & anchor bolts
  - Grease the pivot bearing
- Check gearboxes (center drive & wheel)
  - Remove water condensation
  - Fill oil level to proper level with lubricant specified in manual
- Check wheels and tires
  - Inflate to owner's manual specs
  - Tighten all wheel lug nuts
- Check high-torque couplers (if installed)  
*\* Coupler pucks have a recommended 5-year service life, date of manufacture is color coded*
  - Grease steel u-joints (if installed)
- Check system's alignment
  - Alignment may need to be adjusted
  - Check the alignment mechanism condition
  - Microswitches used in both the alignment and safety circuits have a recommended 10-year service life
- Check the condition of the water carrying conduit;
  - Inspect the boots, clamps & gaskets
  - Inspect the low-pressure drains
  - Inspect all sprinkler components;
    - Goosenecks
    - Drops
    - Regulators
    - Sprinkler devices
- Remove the sand trap and thoroughly flush the system with water

## Well Health Assessment

- Perform flow check (GPM)
- Record Static Water level and drawdown
- Record operating pressure
- Check for Leaks in Plumbing
- Check Amperage and voltage

\$ 350/Well



## CONTACT US

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*Be prepared for the upcoming season!*

**ROBERTS  
IRRIGATION**  
**COMPLETE WATER SOLUTIONS**



**SPRING  
PREVENTATIVE  
MAINTENANCE  
PROGRAM**

## Electrical Service Inspection

- Check Grounding
- Assess Board Assembly Condition
- Check Fuses
- Check Lightning Arrestor
- Assess Panel Box Condition

\$ 85/Service

## Well Panel Inspection

- Check Grounding
- Assess Board Assembly Condition
- Check Pivot Fuses
- Check Lightning Arrestor
- Assess Well Panel Condition
- Check Pump Overload Setting
- Oiler operation
- Lower Bearing on Motor Greased
- Motor Oil Level
- Motor Lead & Connection

\$ 165/Well

## Swing Arm Inspection

- Check Hinge and Wear Components
- Check Tubing Harness for leaks
- Verify Sequencing Operation
- Grease legs
- Check U-Joints and Hi-Torqs
- Check Gearboxes
- Check Booster Pump

\$ 300/Swing Arm

## Pivot Point Diagnostics

- Grease Pivot
- Check Collector Ring
- Inspect Pivot Anchors
- Check Run Light Operation
- Note any Loose/Missing Fasteners
- Plumbing Condition
- Grounding
- Panel Condition
- Wire Condition
- Pump Control Operation
- End Gun Control Operation
- Pivot Stop Operation
- Incoming Voltage
- Correct Fusing
- Firmware is Updated (if applicable)
- Speed Control Operation

\$ 210/Pivot

## Tower Inspection

- Check Tower Drains & Boots
- Tower Box Condition
- U-Joint Condition
- Tire Pressure
- Wheel Boxes & Center Drives
- Check for Missing/Loose Fasteners
- Check Running Light
- Check Sand Trap
- Verify Machine Operates in Each Direction
- Check Tower Auto Stop
- Safety Operation

\$ 85/Tower

## Tower Services

### Basic

Tower Inspection PLUS the service technician would complete the following:

- Drain Condensation from Wheel Boxes & top off with Gear Lube
- Air Tires Up (if necessary)
- Grease U-Joints and Hubs
- Booster Pump Inspection

\$ 125/Tower    \$ 415/Swing Arm

### Preferred

Same as Basic Service PLUS:

- Run Machine with Water
- Verify Appropriate Operating Pressure
- Check Sprinklers and End-gun Function
- Inspect all Power and Motor Lead
- Check Well Amp Draw
- Verify Pressure Switch Operation
- Inspect Alignment and Adjust If Needed
- Inspect All Safety Switches

\$ 165/Tower

### Premium

Includes all Basic & Preferred Services PLUS:

- Fill Gear Boxes with *Sprinkler Lube 1200*

\$ 350/Tower    \$ 700/Swing Arm



Note: Customer to approve \$250 for minor repair parts (fuses, microswitches, etc) and travel not included but pricing available by request.