Steps to Replacing Lower Bearings (RTS/C)

1. Turn the power going to flagpole OFF from the breaker.
2. Remove screws (3) and clips holding bulbs in and remove bulbs.
3. Push bulb sockets back into ball.
4. Remove screws (4) holding in ‘black’ facemask, remove facemask.
5. Remove small screw holding green (ground) wire to the center stem inside ball.

6. Cut green, black, and white wires under the connection points.

7. Loosen screws (3) on the outside cap of the truck, and remove ball and cap together.
8. Cut green, black, and white wires coming from top of pole about ½" from the top of the truck.

9. Strip back ¼” of insulation on each wire (3). Connect extensions that were provided.

10. Loosen screws (2) on the collar on the top of the truck.
11. Remove top bearings and pulley mount together.

12. Remove old rusty bearings and clean up anything that has dust on it. Install new bearings that were provided.

13. Put pulley mount, top bearings, and collar back onto the truck.
14. Stuff red connectors (3) down in the truck until they are fully, or almost fully, under the lip of the collar.

15. Fish wires (3) through the bottom of the ball and cap, have wires (3) come out of the hole in the stem inside the ball.

16. Pull the wires through as you lower the ball and cap onto the truck.
17. Tighten screws (3) on cap to truck, test the rotation of truck at this point. Make sure it is free spinning 359° with no grinding.

18. Cut black and white wires to the length you need, then reconnect white to white, black to black wires with new red connectors (2).

19. Cut green wire to length and crimp on new ring terminal (provided), then fasten green wire to the stem inside the ball.

20. Pull bulb sockets out of ball and attach the facemask to the ball with screws (4).
21. Attach bulbs to sockets, then secure bulbs to facemask using new bulb clip and three flat head screws.