

The logo for Crusader, featuring the word "CRUSADER" in a stylized, bold, blue font with a red outline.A photograph of various industrial floor maintenance machines, including floor buffers and scrubbers, set against a blue background.

Made With Pride
in America.
Industrial Floor Maintenance Equipment

SERVICE BULLETIN

Coupler replacement on all Crusader Floor Machines with the exception of the Two Speed models.

1. Remove the plastic drip cover on the motor and the 3 nylon spacers by removed the 3 Phillips screws on the top with a Phillips screwdriver.
2. Next remove the motor field and top bearing housing by removing the 4 motor bolts using a 3/8" or 7/16" socket or wrench.
3. Using a flat screw driver or small pry bar, pry the field loose between the gear box and motor air outlet ports. Then lift the field and set it aside.
4. Remove the armature by pulling straight up. Then remove any pieces of the broken coupler from the armature.
5. Remove the remaining broken coupler from the gearbox and install the new coupler.
6. Reinstall the armature and field to the gear box, start all of the motor bolts first and then tighten them. Reposition the nylon spacers for the drip cover on top of the motor. Then carefully position the drip cover on top of the spacers and start the screws. Finish by tightening the 3 Phillips screws with a Phillips screwdriver.

Property of:

Crusader Mfg., Inc.
517 1st Street
Farmington, MN 55024

800-597-3336

www.crusadermfg.com