



## INSTALLATION

## INSTRUCTIONS

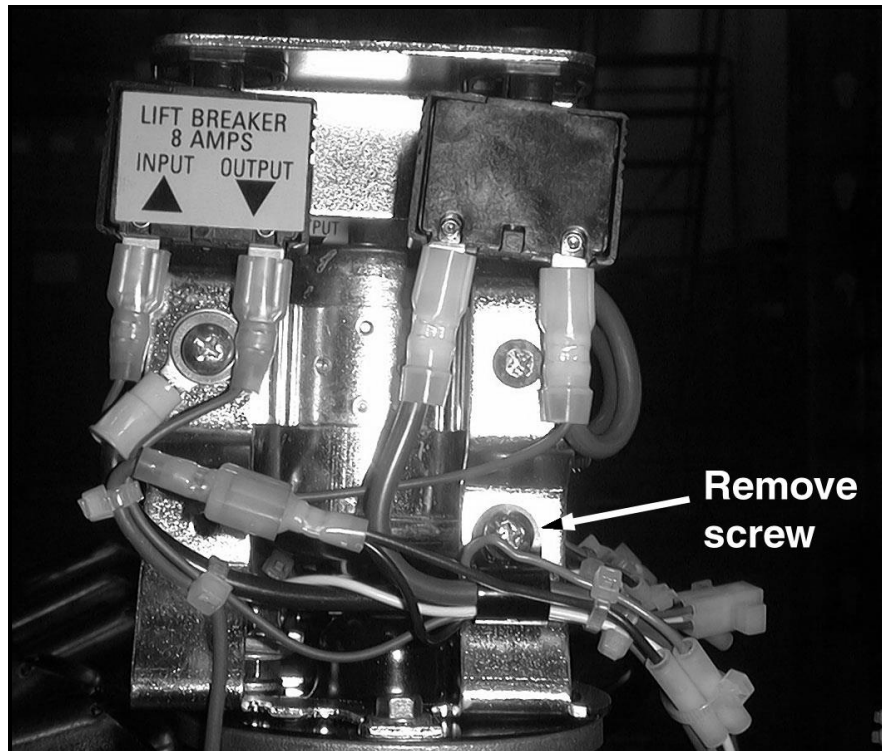
### INSTALLATION KIT # 19068 RETROFIT, SOLENOID, S-SERIES, 12 V

- Be certain these supplemental instructions are read and understood completely before installation is attempted. You should also refer to Service/Owner Manual for additional installation instructions and safety precautions.
- Check contents of this kit and notify Ricon immediately of any missing parts. Claims for damages or shortages that have occurred during shipping must be made to freight carrier.

#### CAUTION

**Disconnect battery or 4awg wire from circuit breaker before installing retrofit solenoid kit.**

REMOVE PUMP COVER FROM LIFT.

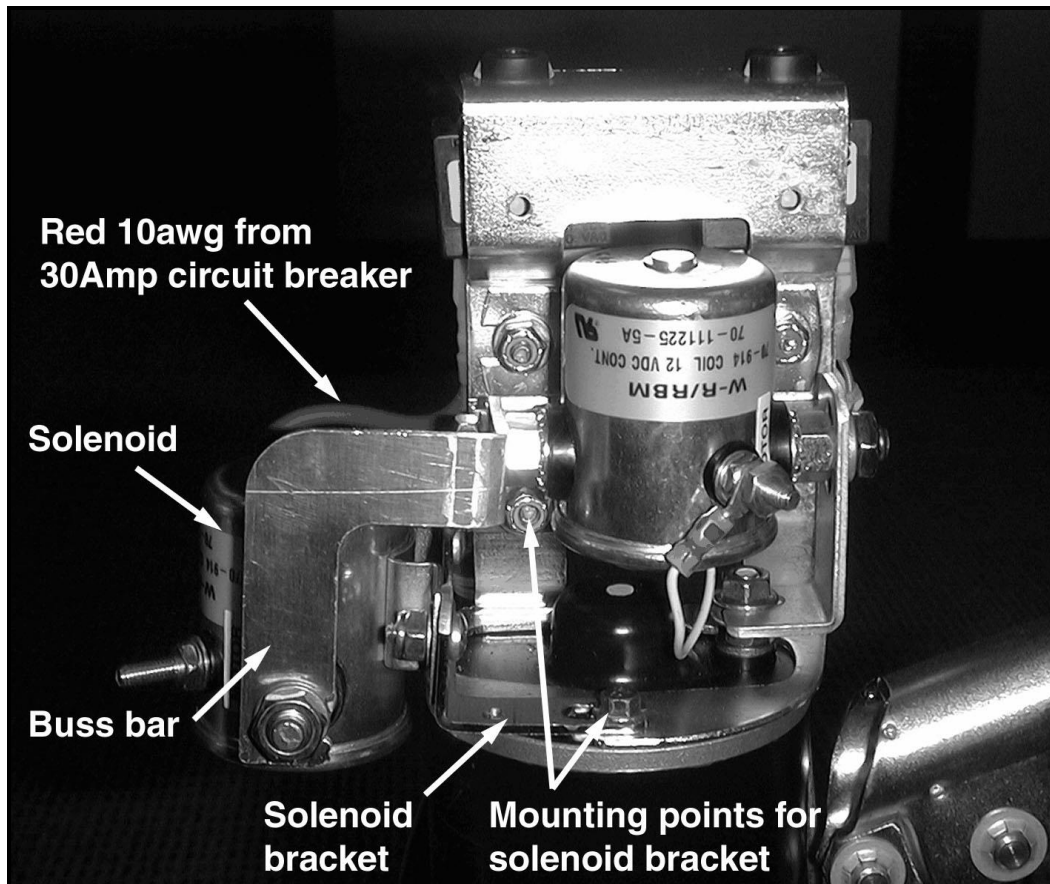


**[FIG.1] SOLENOID BRACKET**

- REMOVE SCREW FROM SOLENOID BRACKET.

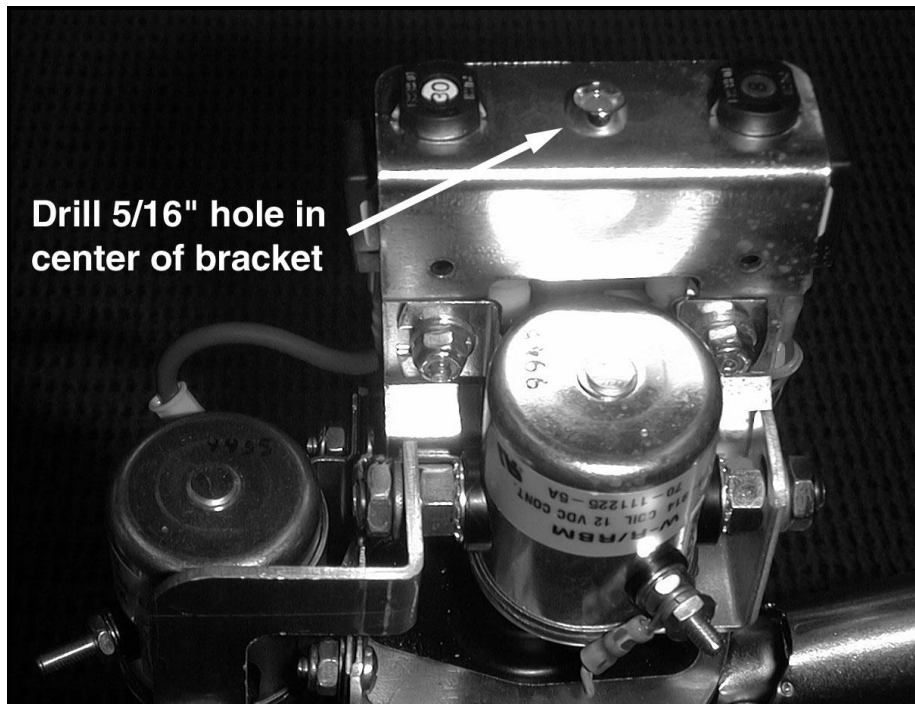
### **[FIG.2] SOLENOID**

- REMOVE 4AWG AND 10AWG WIRE FROM SOLENOID.
- LOOSEN BOLT ENOUGH TO SLIDE NEW SOLENOID BRACKET BETWEEN BOLT AND EXISTING BRACKET.



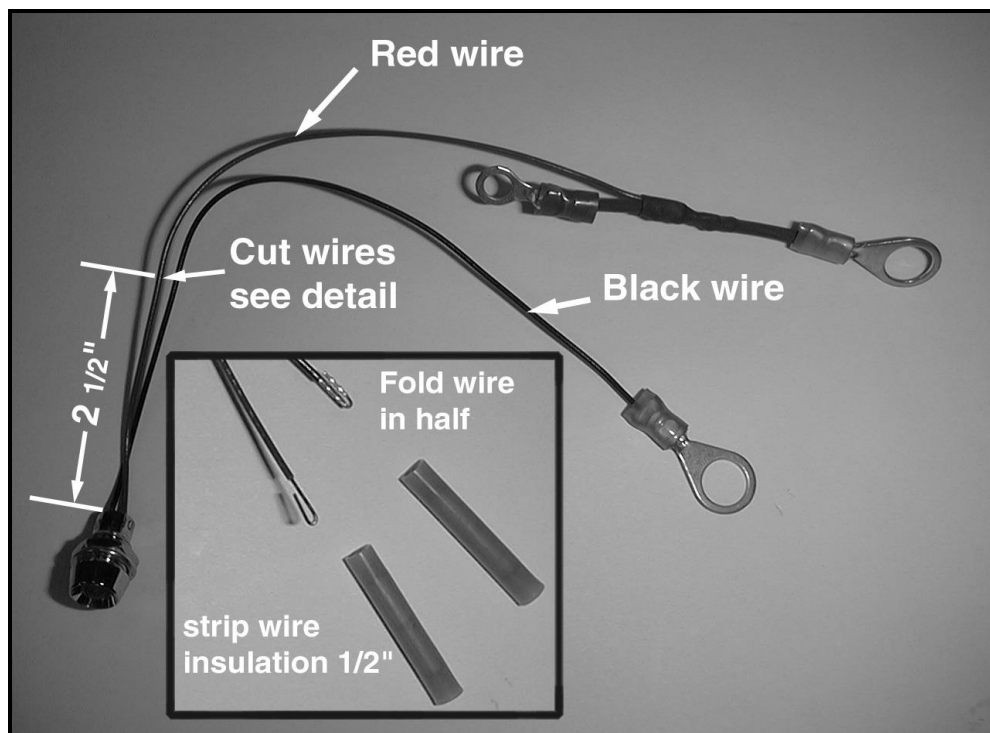
**[FIG.3] INSTALLATION OF SOLENOID BRACKET**

- SLIDE SOLENOID BRACKET UNDER BOLT.
- INSTALL #10-5/8" SCREW SUPPLIED IN KIT.
- TIGHTEN SCREW AND PUMP BOLT.
- INSTALL SOLENOID TO BRACKET USING TWO #10 SCREWS AND LOCK NUTS, SUPPLIED IN KIT.



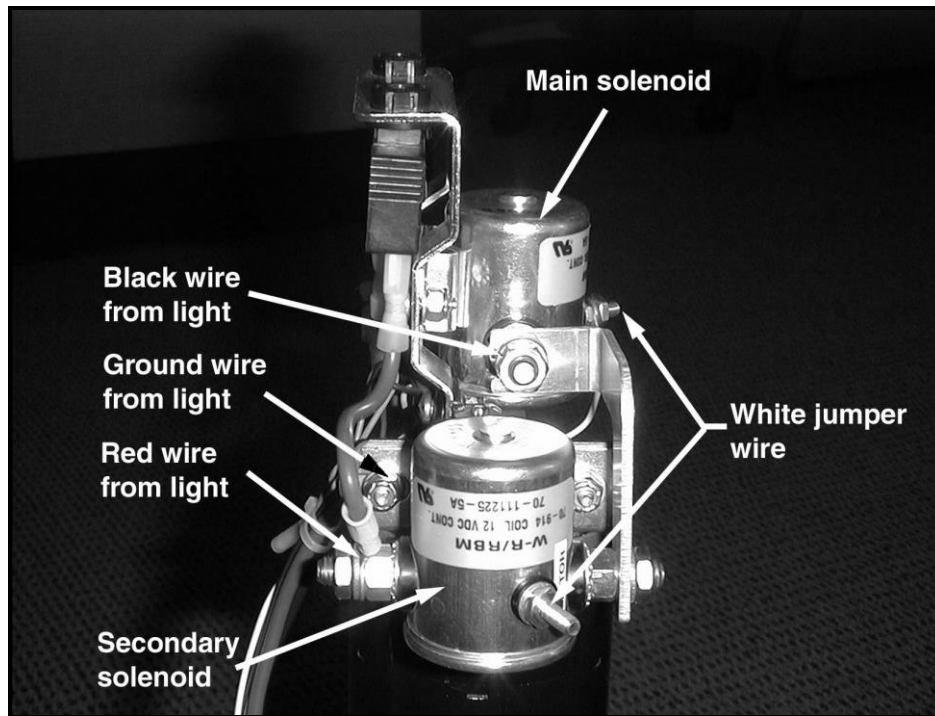
**[FIG.4] DRILL HOLE DETAIL**

- LOCATE THE CENTER OF CIRCUIT BREAKER AND DRILL 5/16" HOLE.



**[FIG.5] INDICATOR ASSEMBLY DETAIL**

- IN ORDER TO INSTALL INDICATOR ASSEMBLY THROUGH HOLE, CUT RED AND BLACK WIRE OF INDICATOR LIGHT ASSEMBLY ABOUT 2-1/2" FROM BOTTOM OF LIGHT. REFER TO ABOVE PHOTO.
- REMOVE 1/2" OF INSTALLATION FROM ALL WIRE ENDS.
- INSTALL LIGHT IN HOLE MADE IN [FIG.4]. CONNECT WIRES TOGETHER USING BUTT CONNECTORS. REFER TO ABOVE PHOTO.
- NOTE WIRES MUST BE FOLDED TO MAKE A GOOD CRIMP CONNECTION.



**[FIG.6] SOLENOID WIRING DETAIL**

- CONNECT BLACK WIRE FROM LIGHT TO MAIN SOLENOID AT BUSBAR.
- CONNECT RED WIRE FROM LIGHT, RED 10AWG WIRE FROM CIRCUIT BREAKER AND 4AWG RED WIRE TO SECONDARY SOLENOID.
- INSTALL SUPPLIED WHITE JUMPER WIRE TO THE TRIGGER TERMINALS OF THE SOLENOIDS.
- INSTALL BLACK GROUND [#10 RING TERMINAL] WIRE TO SOLENOID MOUNTING SCREW, SHOWN IN PHOTO ABOVE.
- TIGHTEN ALL CONNECTION, AND HARDWARE AS NEEDED.
- RECONNECT POWER FOR LIFT.
- OPERATE LIFT, GREEN LIGHT IS ON WHEN RAISING AND STOWING LIFT.
- WHEN CONTROL BUTTONS ARE NOT IN USE, LIGHT IS OFF.



Drill 3/8" hole  
in cover for light

### [FIG.7] DRILL HOLE ON COVER DETAIL

- LOCATE MIDPOINT IN COVER BETWEEN EXISTING HOLES AND DRILL 3/8" HOLE FOR INDICATOR LIGHT.
- REINSTALL COVER ON LIFT.
- INSTALL DECAL ON TOP OF PUMP COVER.