

Subject: Fluid Sensor
Applicable Products: FR2 Series Products
Effectivity: 03/25/2022

RICON SERVICE BULLETINS ARE FOR USE BY PROFESSIONAL SERVICE TECHNICIANS, AND ARE NOT INTENDED FOR USE BY NON-PROFESSIONALS OR AMATEURS. SERVICE BULLETINS ALERT TECHNICIANS TO ISSUES THAT MAY OCCUR WITH RICON PRODUCTS, AND ARE INTENDED TO ASSIST THE TECHNICIAN IN THE PROPER SERVICE OF THOSE PRODUCTS.

PROFESSIONAL SERVICE TECHNICIANS HAVE THE BACKGROUND AND KNOWLEDGE TO PERFORM MAINTENANCE WORK PROPERLY AND SAFELY.

AN ISSUE DESCRIBED BY A SERVICE BULLETIN DOES NOT NECESSARILY APPLY TO EVERY UNIT IN A PRODUCT LINE. A RICON AUTHORIZED SERVICE TECHNICIAN WILL BE ABLE TO DETERMINE WHICH UNITS CAN BENEFIT FROM THE INFORMATION PROVIDED HERE.

Introduction

Fluid level sensor is affixed to the hydraulic pump reservoir to detect a fluid level low condition. While the fluid level remains within the satisfactory level the sensor output remains low. When a low level event occurs, the sensor outputs high, sending a signal to the vehicle. This is used by some TA's to verify the fluid level is never below the minimum threshold and thus ensuring the FR2 ramps remain operational.

Incorporation

Ricon requires the incorporation of this service bulletin as soon as possible.

Information

Supplier of the fluid level sensor has obsoleted the sensor. Ricon has procured a replacement fluid sensor and is currently conducting qualification testing to verify compliance. While the fluid level sensor is a great tool for determining a low fluid level condition through the vehicle's electronics, it is not necessary in the daily operation of the ramp.

Caution

Always ensure ramp power is off before plugging/unplugging any ramp component to prevent damage to the ramp electronics.

Corrective Action

If a sensor has been determined to be non-operational, the sensor can be unplugged until a sensor is available for replacement. This will not affect the operation of the ramp; however, the fluid level of the ramp would have to be visually checked once a week to verify a satisfactory fluid level. To check the fluid level;

Fluid Level Check

1. Manually Deploy the ramp plate
2. Open Access cover by turning 1/4 turn screws and prying under the cover. Ref. FIG [1].
3. Visually observe the level of the fluid.
4. If fluid level is less than half full, top off fluid level to 3/4 full. Ref. FIG [2].

Parts Involved

Hydraulic Fluid. Refer to service manual 32DFR108.C

Labor

0.16hrs (10min)

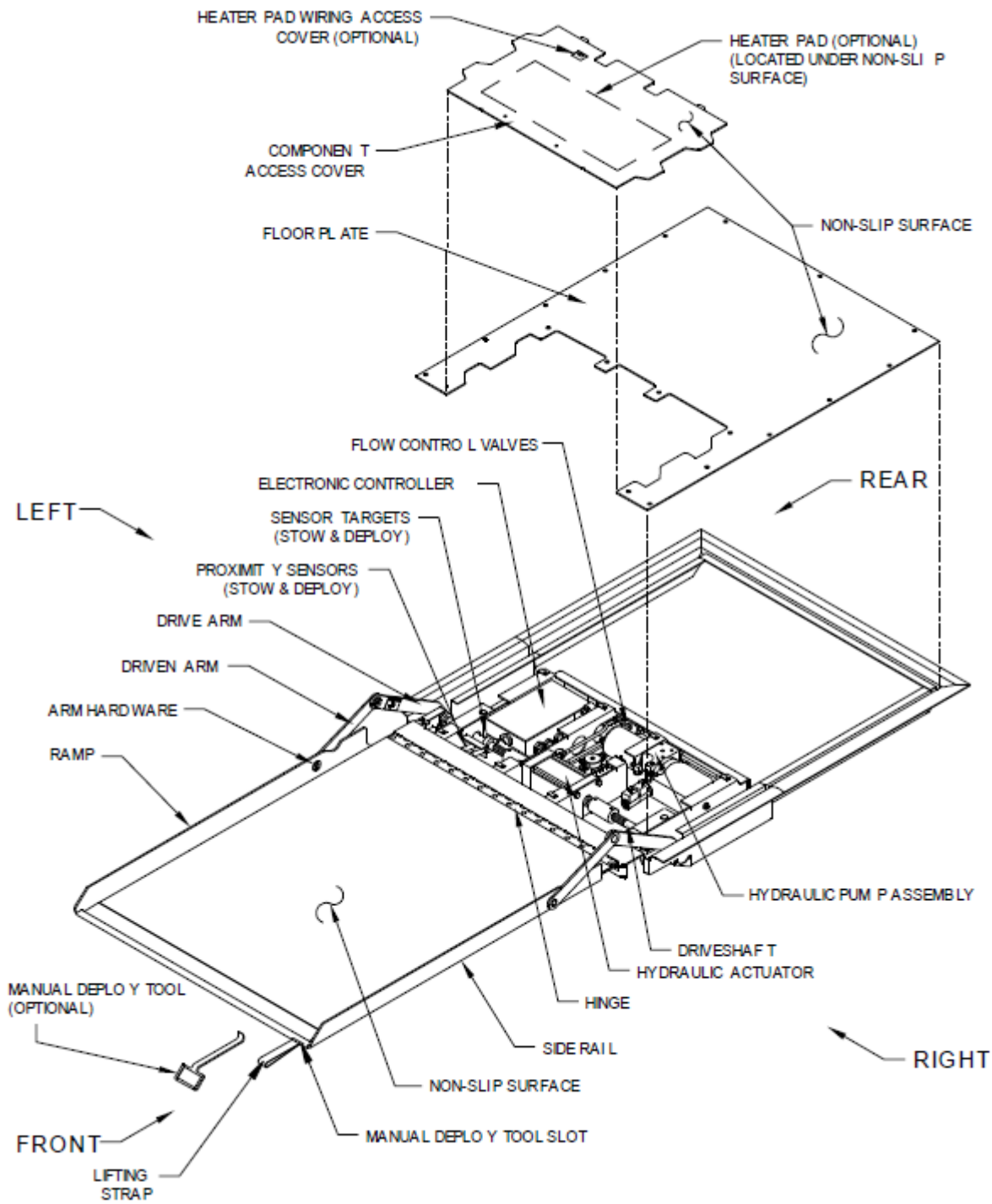


FIG [1]

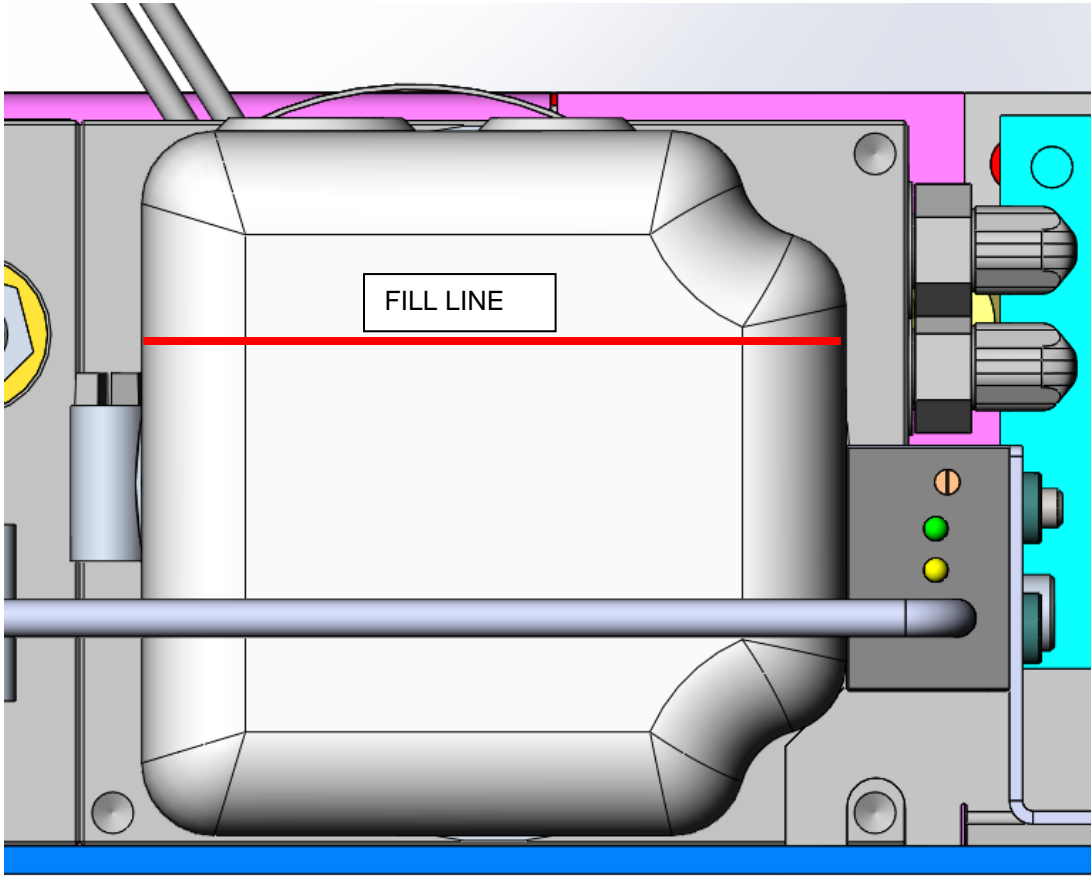


FIG [2]

NOTES: