

2016

Installation Instructions for Hopper-120lb Aerator

We appreciate your purchase of L.T. Rich's Product. Please Verify Contents before beginning installation.



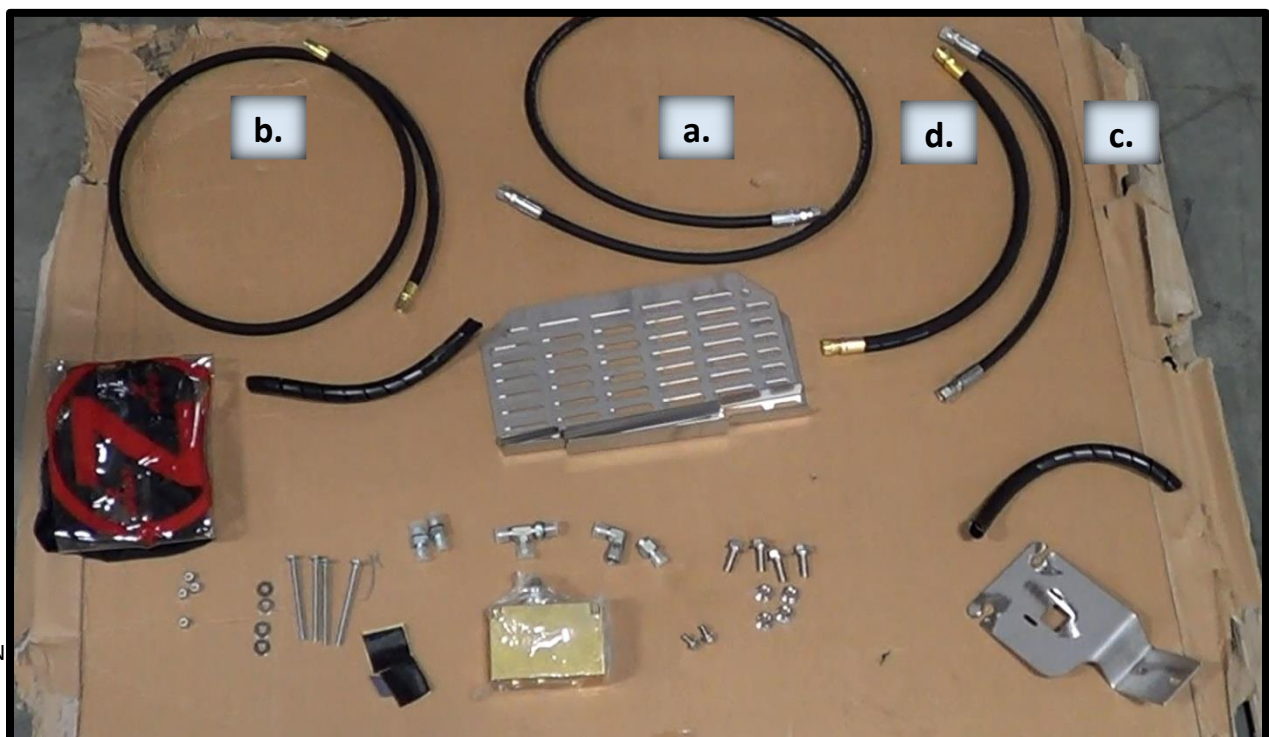
JLD
L.T.RICH
1/18/2016



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SHIPPING CONTENTS

1. Parts
 - a. HOSE- 59"-Silver Fittings
 - b. HOSE-58"-Gold Fitting
 - c. HOSE-21"-Silver Fitting
 - d. HOSE-21"-Gold Fitting
 - e. Proportional Valve with Fittings
 - f. Hopper
 - g. Hopper Cover
 - h. Hopper Cable Bracket
 - i. 90° Fitting
2. Fasteners
 - g. (4) 3/8" X 1 1/4" Bolts
 - h. (4) 3/8" Flange Nuts
 - i. (4) 1/4"-20 X 3.5" Carriage Bolt
 - j. (4) 1/4"-20 Nylock Nut
 - k. (2) 1/4"-20 X 3/4" Flange Bolts
3. Tools Needed
 - l. 3/8" Wrench and Socket
 - m. 9/16" Wrench
 - n. Cable Tie Clippers



WARNING



WARNING

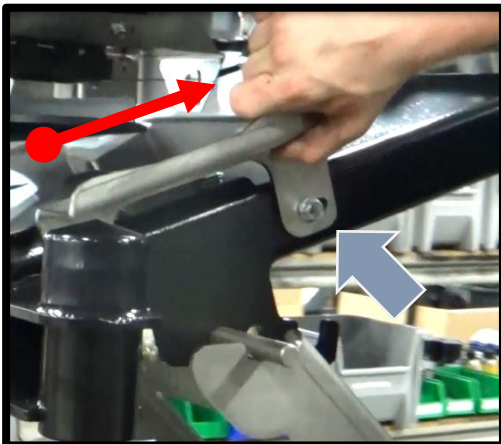
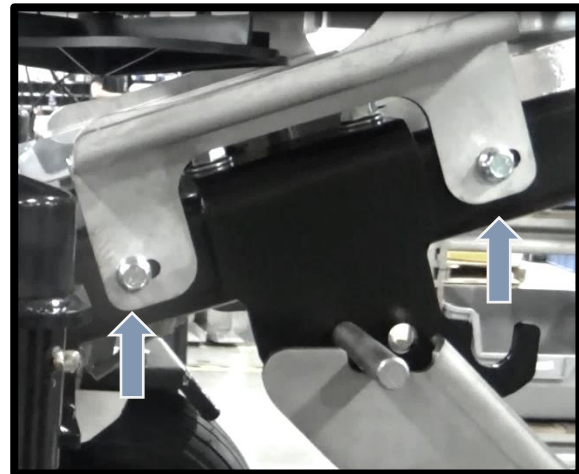
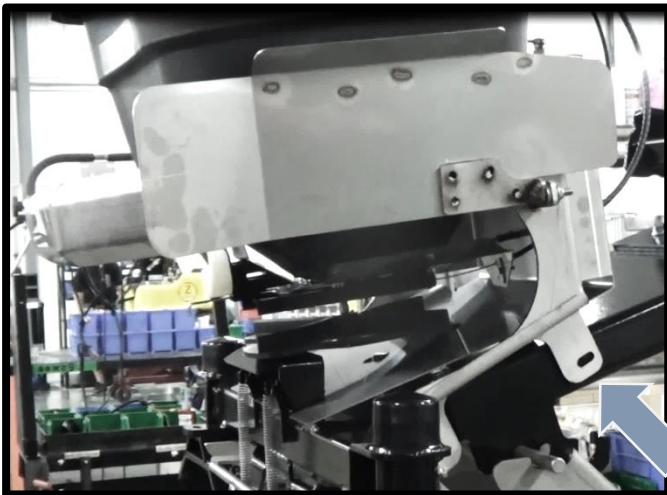
Before Working on This Machine

1. Switch Engine to OFF
2. Disconnect Negative Battery



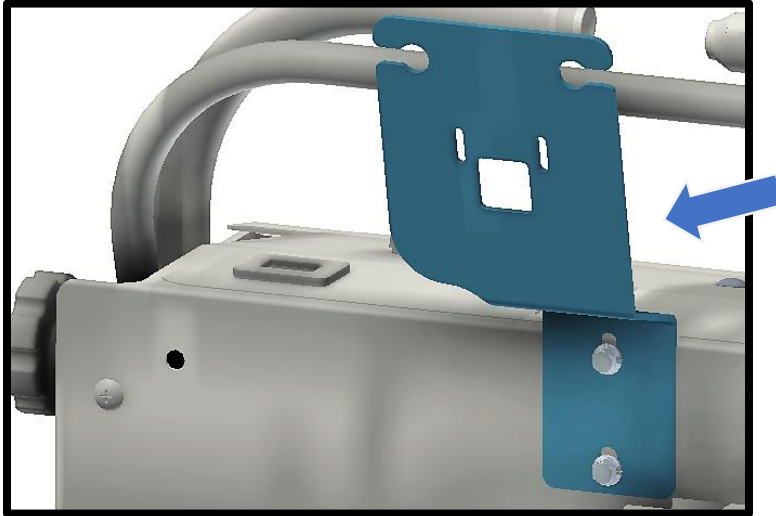
Hopper Install

1. *Mount Hopper to Frame*
2. *Insert and Hand Tighten (4) 3/8" x 1 1/4" Flange Bolts and (4) 3/8" Flange Nuts*
3. *Pull Hopper **back** in the slot as far as it can go*
4. *Tighten Bolts using 9/16" Socket/Wrench*

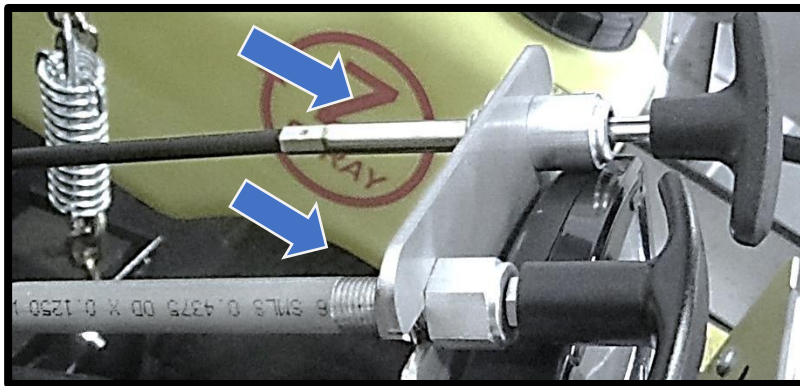


Install Bracket

1. *Install Speedometer Bracket to Control Panel using (2) ¼"-20 X ¾" Flange Bolts*

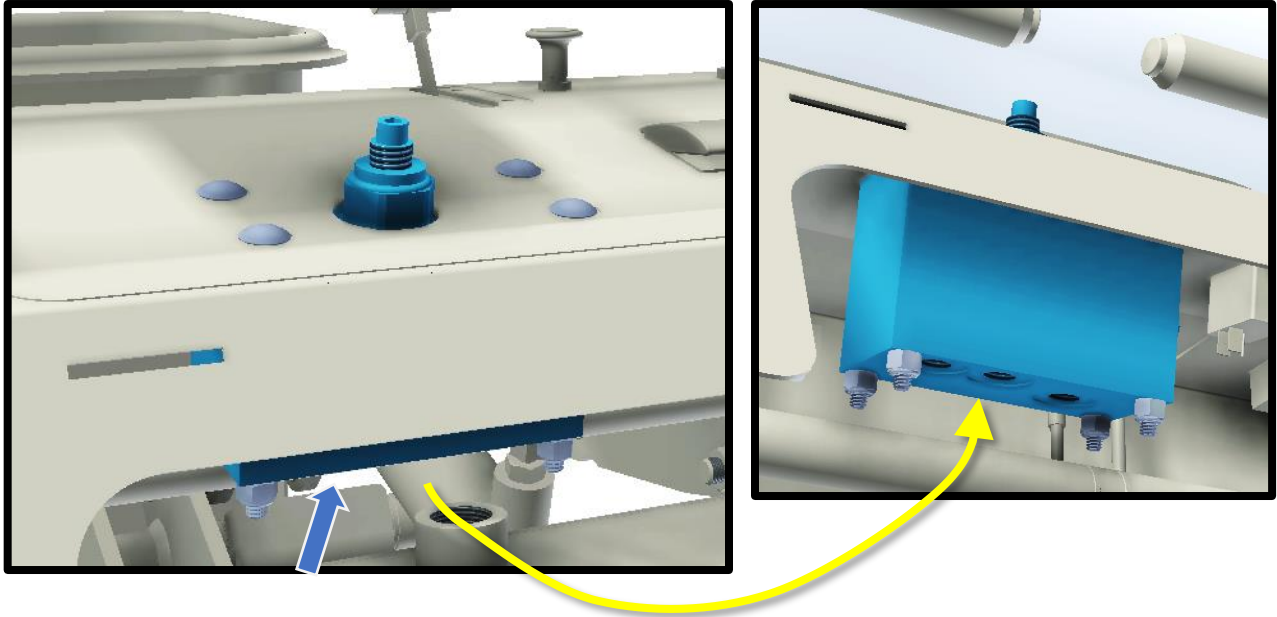


2. *Install Hopper Cables to Bracket* (Speedometer Not applicable)
 - a. *Loosen Cable Nut*
 - b. *Slide into Slot*
 - c. *Tighten Cable Nut*

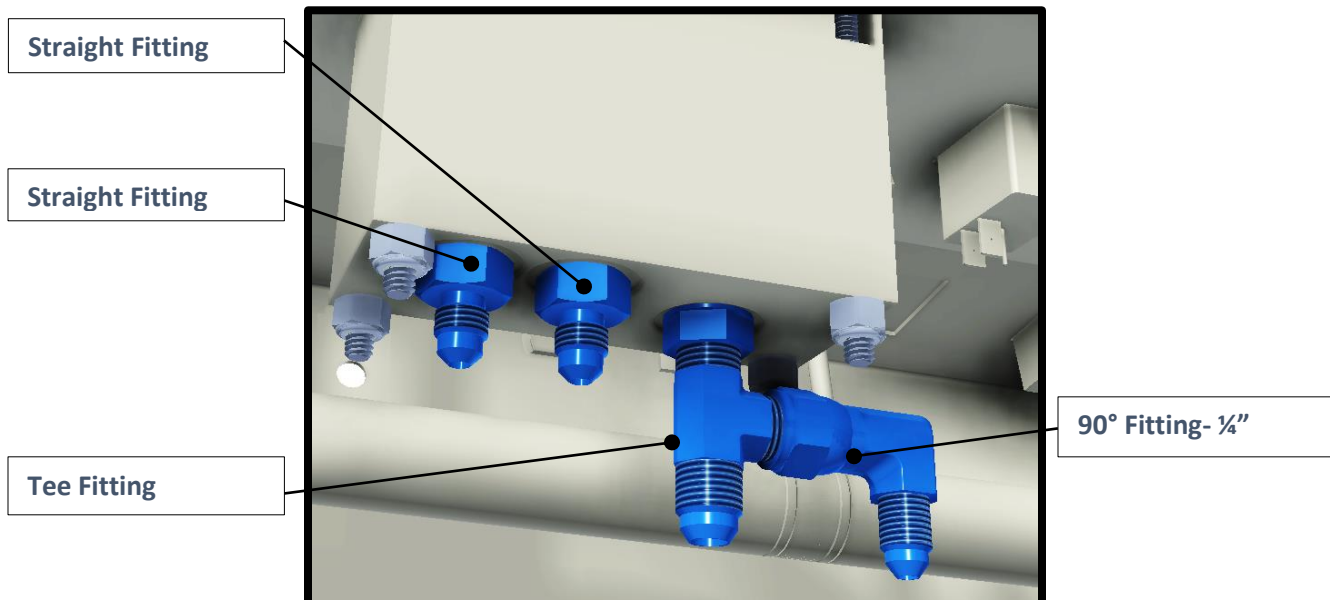


Proportional Valve and Fittings Install

1. *Install Proportional Valve to Control Panel using (4) 1/4"-20 X 3.5" Carriage Bolts, (4) 1/4"-20 Nylock Nuts*

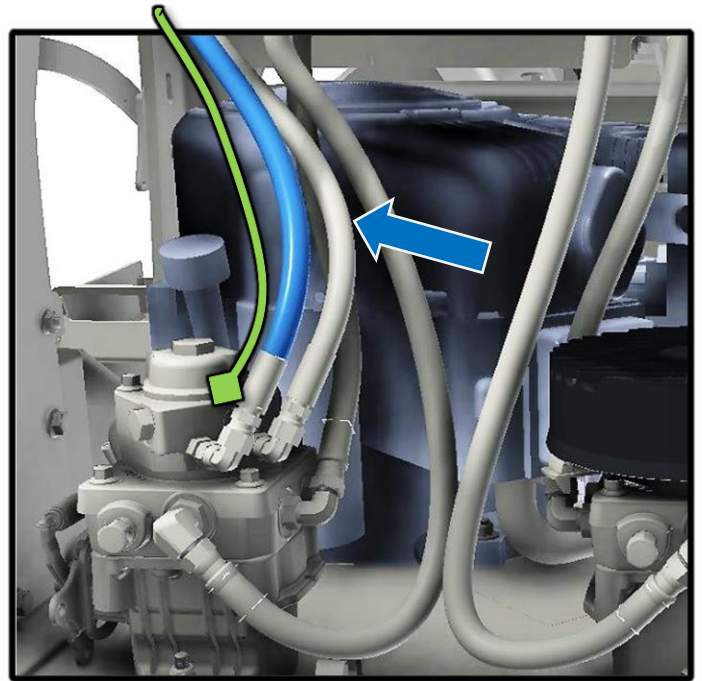
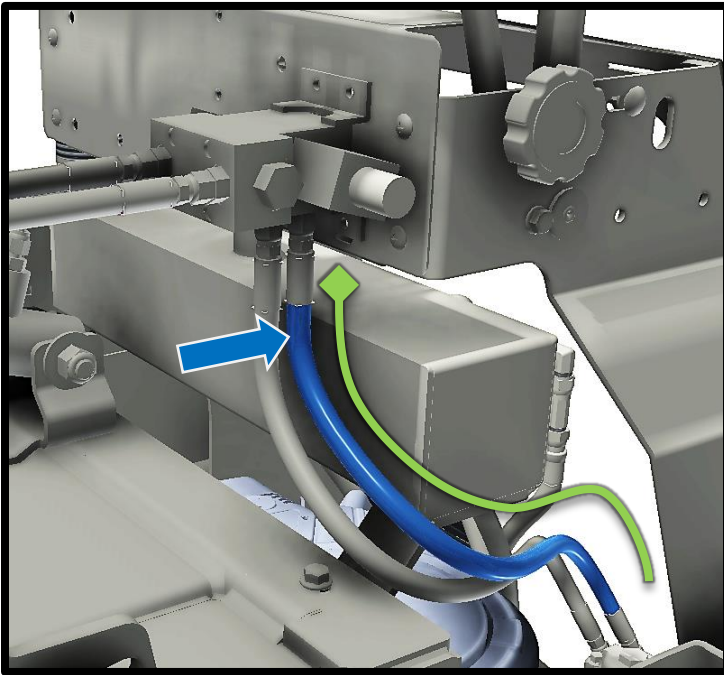


2. *Install Fittings into Proportional Valve Ports*

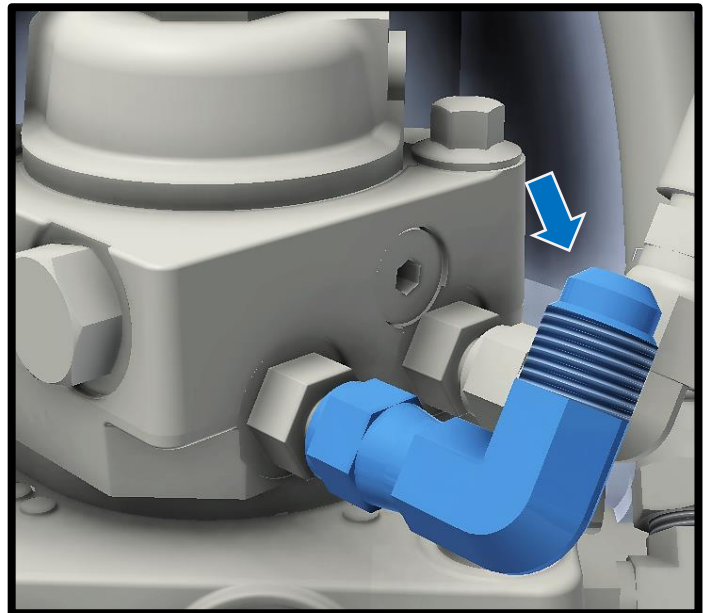
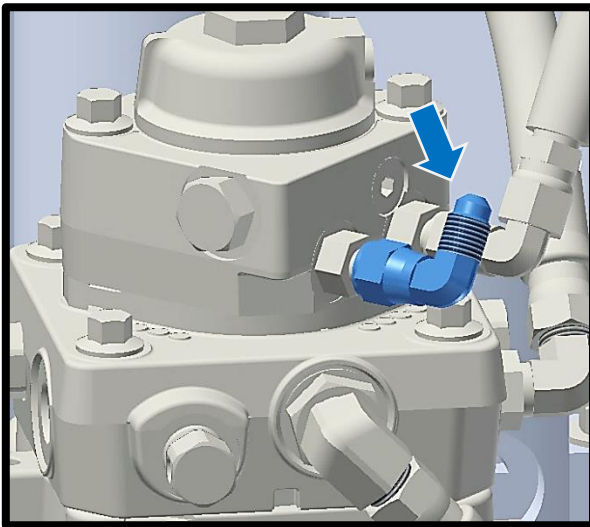


Hose Install

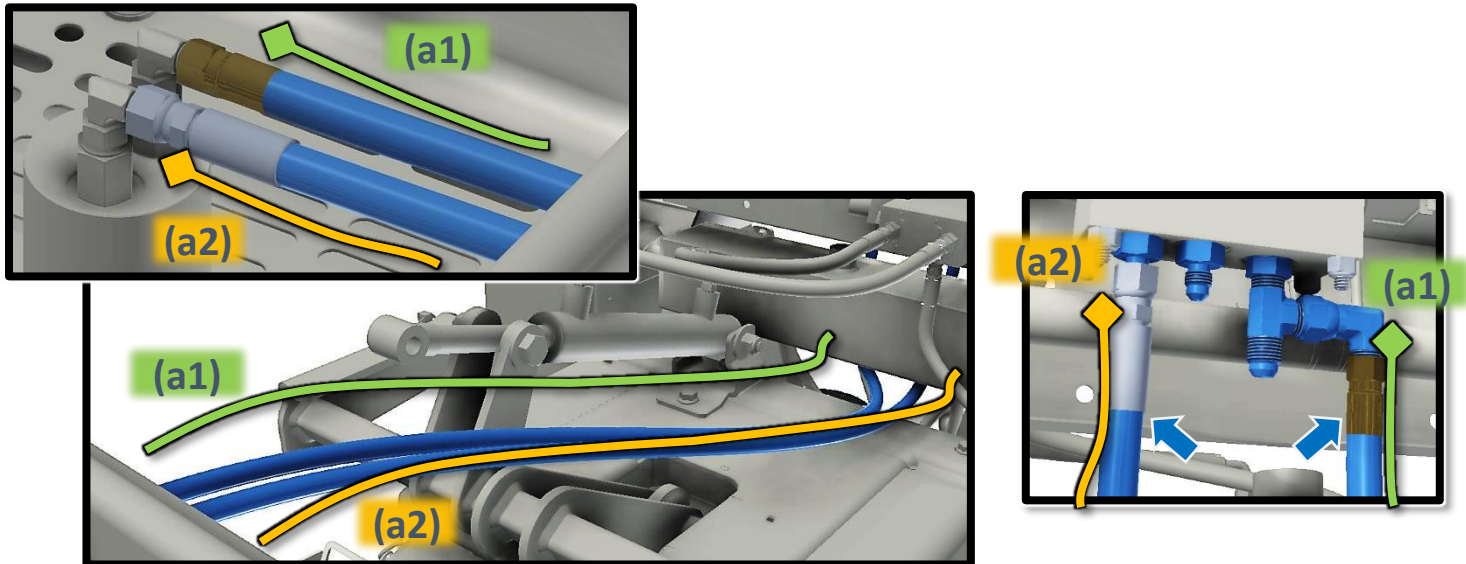
1. Detach Hose from Auxiliary Pump to Directional Valve (Dispose of Hose) using (2) 7/16 Wrenches



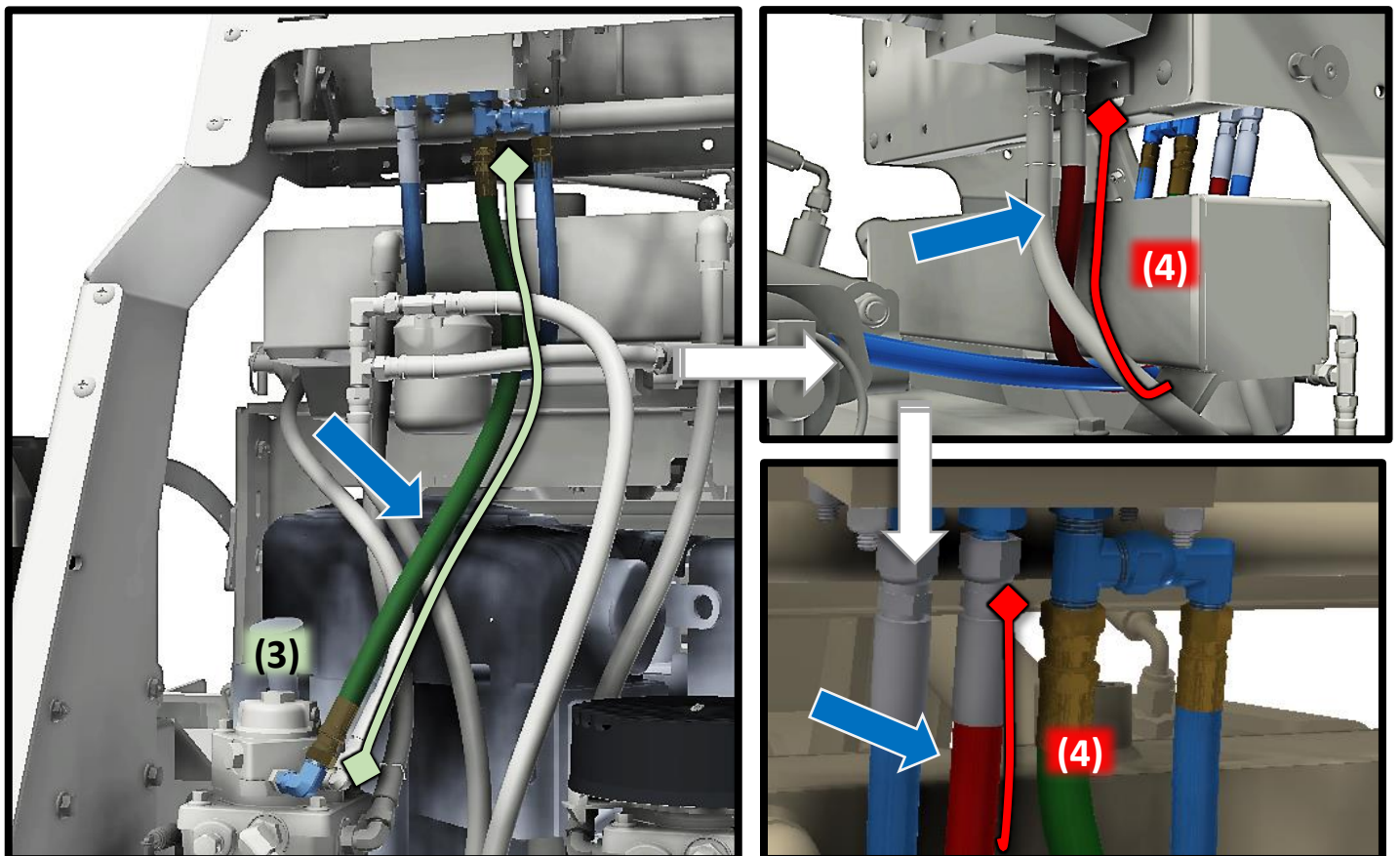
2. Replace 90° Fitting (1/4") in Auxiliary Pump to new 90° (3/8")



3. *Install (4) Hoses using (2) 7/16 Wrenches*
 - a. *Install (2) Hopper Hoses from Hopper Motor to Proportional Valve routing through Hooper Holes, below Hydraulic Oil Tank*



- b. *Route (1) Hose from Auxiliary Pump to Proportional Valve*
- c. *Route (1) Hose from Directional Valve to Proportional Valve*



TEST

1. *Test Hopper*
 - a. *Turn Key Switch to ON*
 - b. *Adjust Knob to Increase/Decrease Speed*



For any questions please contact us at toll free (877) 482-2040. Mon-Fri 8 a.m. to 4:30 p.m.