



Product Support Bulletin 2017-003A

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Oak Creek, WI 53154

Contact: Technical Support Phone: 800-445-9258 or Email: TechSupport@Nordco.com

Maintenance of Way ~ Work Equipment Bulletin

DATE: 22-November-2017

SUBJECT: SP2R propel valve orifice 1605419

RATING:	<input type="checkbox"/> DIRECTIVE (Action is required)	<input checked="" type="checkbox"/> ALERT (Potential Problem)
	<input type="checkbox"/> INFORMATION (Action is optional)	<input type="checkbox"/> PRODUCT IMPROVEMENT (Enhance Product)

MACHINE MODEL(S): SP2R

SERIAL NUMBER(S): S/N 310300, 310303 – S/N310608

SUMMARY: In some instances, the SP2R Propel Valve can float and allow oil to pass through the valve and result in unwanted movement of the machine until the valve resets/closes.

OPERATIONAL IMPACT: The valve will float in a position that allows oil to pass through the valve allowing the machine to keep moving.

ACTION: Nordco recommends adding orifice 1605419 to the bottom of valve 1698992 in the right manifold block.

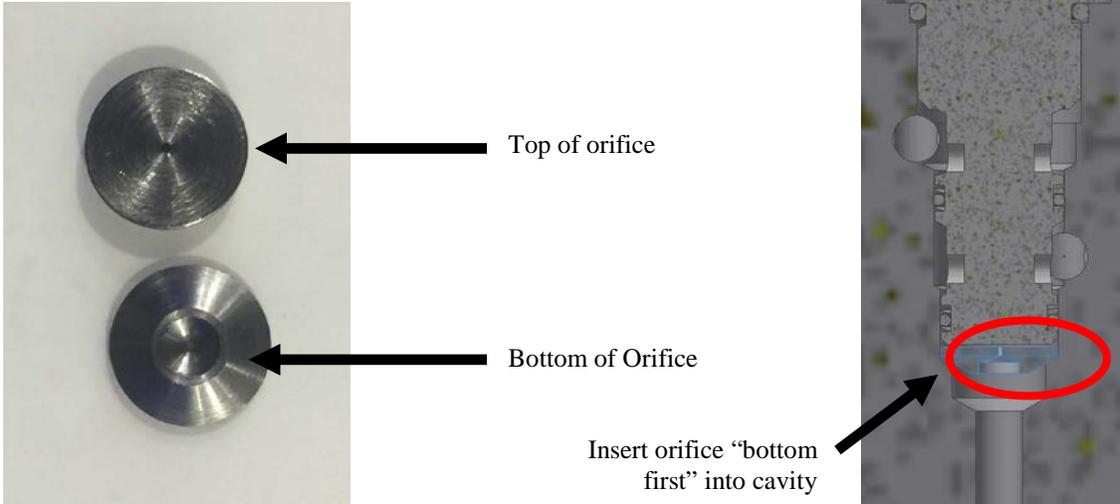
WARRANTY: **These orifices will be provided under warranty. Please contact NORDCO Parts Department 1-800-647-1724 to order this orifice.**

INSTALLATION INSTRUCTIONS: The existing cartridge valve in the manifold block will need to be removed and the orifice will need to be placed at the bottom of the cartridge cavity flat face up. When putting the valve cartridge back into the manifold tighten the cartridge to 35 to 40 ftlbs. When replacing the solenoid on the cartridge tighten the nut to only 4 to 6 ftlbs. Do not over tighten the nut holding down the solenoid, doing so will cause the valve to not operate properly.

Refer to chart on next page to locate the manifold that is on your machine.

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Orifice to in inserted into manifold

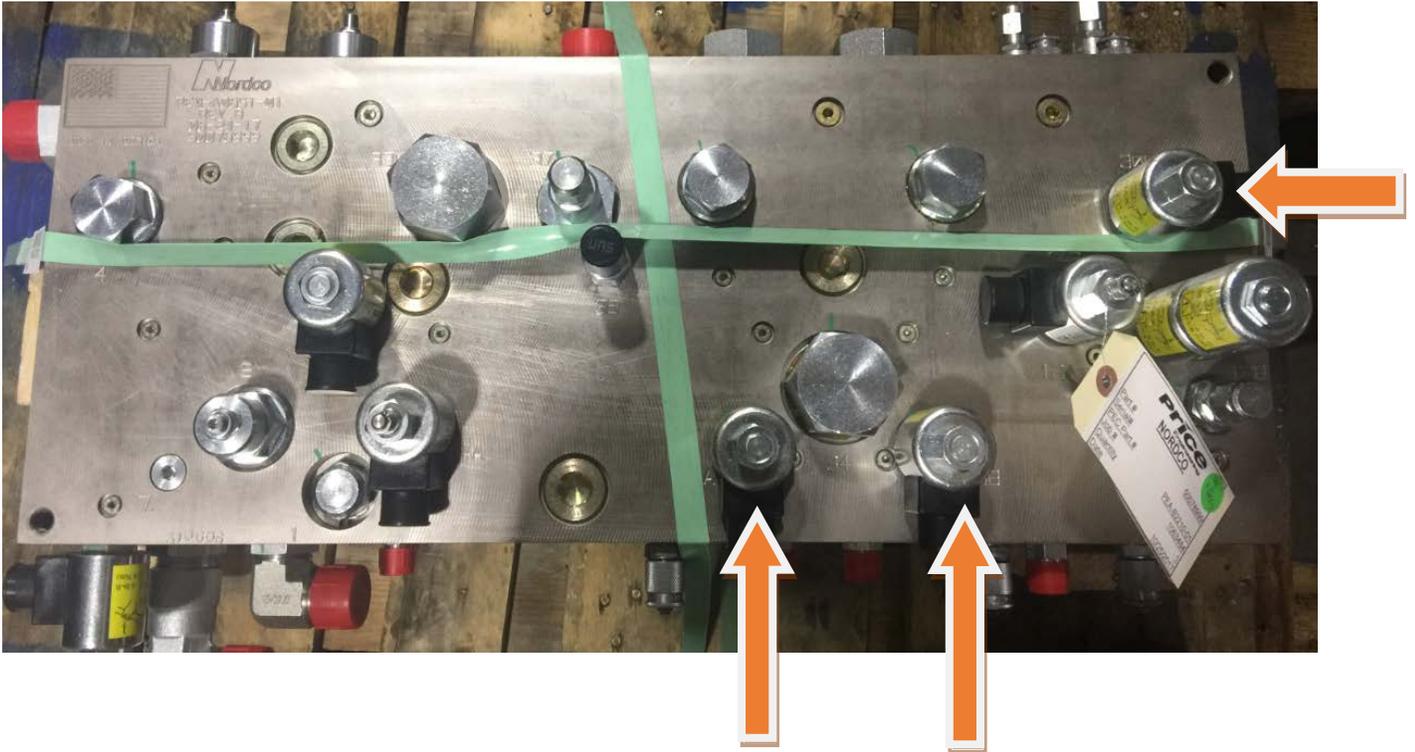


MANIFOLD LOCATION CROSS REFERENCE

MACHINE S/N	USE
310300	Manifold Chart "B", Page 4
310303-310310	Manifold Chart "B", Page 4
310311	Manifold Chart "A", Page 3
310312-310323	Manifold Chart "B", Page 4
310324	Manifold Chart "A", Page 3
310325-310368	Manifold Chart "B", Page 4
310369	Manifold Chart "A", Page 3
310370-310377	Manifold Chart "B", Page 4
310381-310384	Manifold Chart "B", Page 4
310600-Above	Manifold Chart "A", Page 3

PLEASE NOTE THAT THIS LIST REFLECTS MACHINES "AS-SHIPED" OR "AS UPDATED" BY NORDCO. PLEASE VERIFY THE PART NUMBER STAMPED ON THE RIGHT MANIFOLD BEFORE INSTALLING THIS ORIFICE!

MANIFOLD LOCATION CHART "A"
MANIFOLD P/N 50078999
VALVE LOCATIONS ON RIGHT HAND MANIFOLD



MANIFOLD LOCATION CHART "B"
MANIFOLD P/N 50078995
VALVE LOCATIONS ON RIGHT HAND MANIFOLD

