



# Product Support Bulletin 2010-017A

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## Maintenance of Way ~ Work Equipment Bulletin

**NOTE: THIS BULLETIN REPLACES PSB 2010-017**

**DATE:** October 28, 2010

**SUBJECT:** Nason to Efeor Pressure Switch Replacement Kit – 98790027

**RATING:**  **DIRECTIVE**  
(Action is required)

**ALERT**  
(Potential Problem)

**INFORMATION**  
(Action is optional)

**PRODUCT IMPROVEMENT**  
(Enhance Product)

**MACHINE MODEL(S):** Auto-Lift Rail Lifter

**SERIAL NUMBER(S):** 791007-791062

**SUMMARY:** The Nason Rail Clamp Pressure Switch, p/n 5194632, is no longer available and has been replaced with an Efeor Pressure Switch, p/n 5194645. The 5194645 Pressure Switch provides more reliable operation and is included in the 98790027 Pressure Switch Replacement Kit. See Figures 1 and 2 on Page 2.

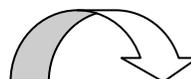
**OPERATIONAL IMPACT:** If the Rail Clamp Pressure Switch fails, the Rail Lifting rams will not extend and the machine will not lift the rail.

**ACTION:** The replacement 5194645 Efeor Rail Clamp Pressure Switch requires different hydraulic adapters to connect it to the Hydraulic Manifold and also requires a different style electrical connector; the 5194632 Nason Switch has a square DIN connector and the 5194645 Efeor Switch has a round connector. All of the required parts to install the 5194645 Pressure Switch are included in Kit 98790027. See the list of parts included in the kit on Page 2.

Kit 98790027 must be ordered when replacing a 5194632 Nason Pressure Switch with the Efeor 5194645 Pressure Switch. If you are replacing a defective Efeor Pressure Switch, Kit 98790027 is not required; you will only require the 5194645 Pressure Switch.

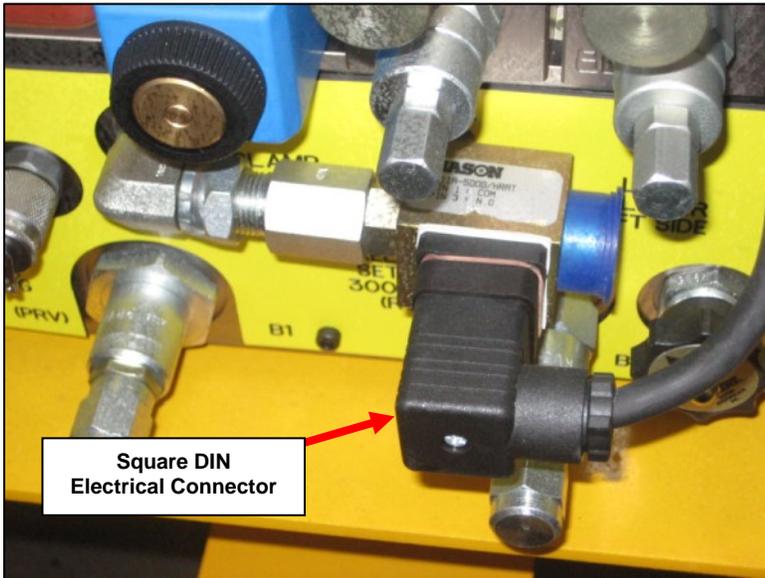
Machines with serial numbers between 791001 and 791006 use a Barksdale Pressure Switch, p/n 5194630. See Figure 3 on Page 2. This switch is still available, but may be replaced with the Efeor Pressure Switch by ordering Kit 98790027.

Machines with serial numbers 791063 and higher are equipped with 5194645 Efeor Pressure Switches and will not require Kit 98790027 to replace a defective switch; order Pressure Switch 5194645 only to replace a defective switch on these machines.



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**WARRANTY:** None



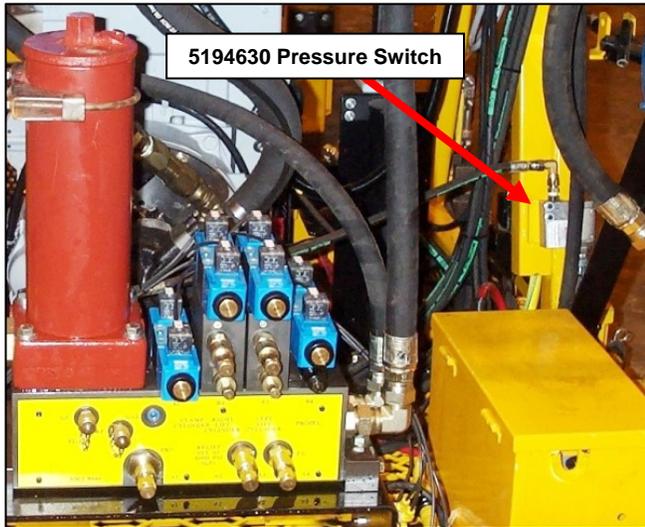
**Figure 1**

5194632 Nason Pressure Switch (used on machines s/n 791007-791062)



**Figure 2**

5194645 Efecor Pressure Switch (used on machines s/n 791063 and above and included with Kit 98790027)



**Figure 3**

5194630 Barksdale Pressure Switch (used on machines s/n 791001-791006)

| <b>Parts Included in Kit 98790027</b> |   |             |
|---------------------------------------|---|-------------|
| <b>PART NUMBER</b>                    | <b>DESCRIPTION</b>                      | <b>QTY.</b> |
| 5196645                               | Pressure Switch                         | 1           |
| 2076041                               | Adapter 1/4 NPT to 4 BSPP               | 1           |
| 2076040                               | Adapter 9/16-18 to 1/4 NPT              | 1           |
| 22311761-115                          | Cable Microfast to Ring Tongue Terminal | 1           |

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