

Park Brake Valve/Pressure Switch Replacement

First, the park brakes are spring activated rear wheel brakes that automatically apply when the service air pressure is low or zero PSI.

The big round button you pull to apply the park brake is connected to a “dump valve”(right below the panel under the big push button) which dumps service air pressure to the park brakes and this allows the springs to apply the brakes.

When you push down on the park brake button, the dump valve applies service air pressure to the park brakes(against the spring force) and holds them in the “unapplied” position.

Located on the dump valve body is a pressure switch. This pressure switch screws into the dump valve body and is easy to replace. When the park brake is applied, there is no air pressure on the switch, and you can simply unscrew it, unplug the electrical connection and screw in the replacement. Use some Teflon tape on the threads. Re-connect the wiring and you are ready to go.

To get to the switch, you have to remove the screws from the driver's side switch panel. Then you can gently lift the panel up about 5”, if the wiring permits. There will be air lines connected to the park brake valve plus several electrical harnesses connected to other switches. Hopefully you are able to lift the panel and support it with foam rubber or something similar, (non-conductive). Then reach in, undo the electrical, unscrew the pressure switch, reinstall the new one and reconnect the wiring.

The replacement switch is identified as:

NASON SM-1C-66R/WP-28 SWITCH

Can be order from: **Isaacs Fluid Power Equipment Company**

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