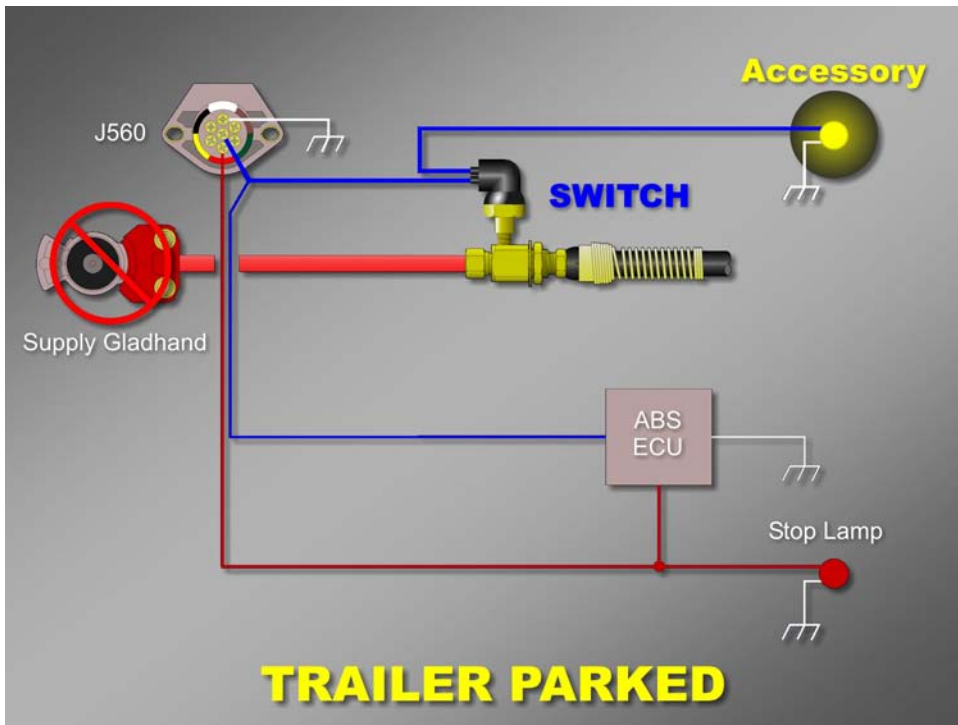
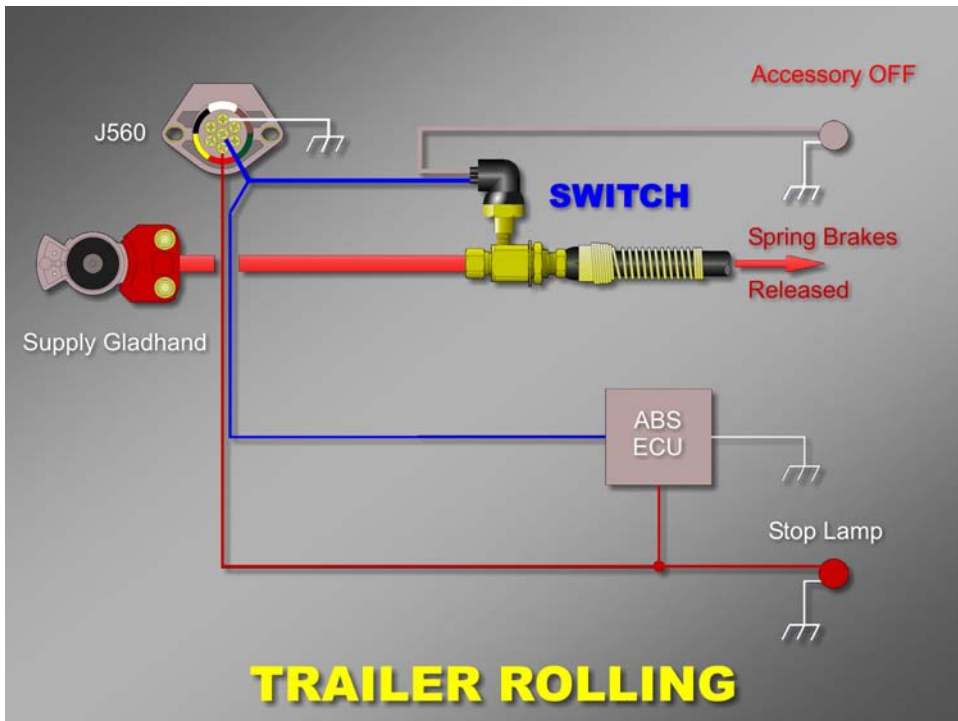


The **TRAMEC ABS/Accessory** switch offers a solution to the use of the “shared blue circuit” for those applications when the accessory load is not required (OR MUST NOT be powered) while the trailer is rolling, for example - dome lights. The ability to provide the required minimum power of 5 amps at 9 volts to the ABS is not encumbered by the accessory load.



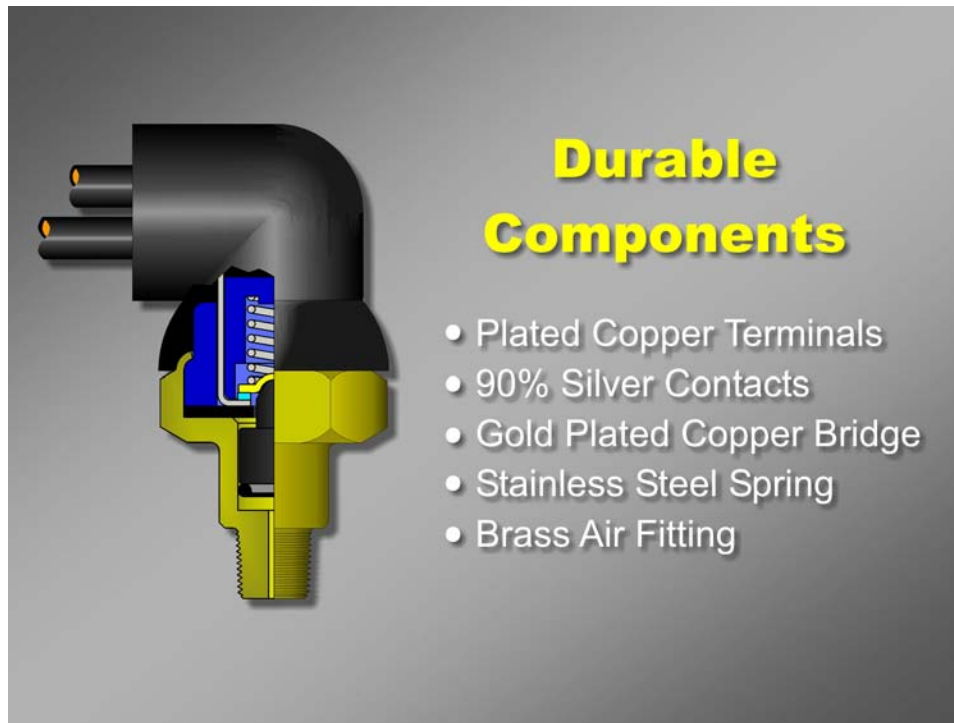
As illustrated by this schematic, the switch is installed in a branch of the blue circuit supplying power to the accessory device. By tapping into the air line from the supply gladhand,

the switch senses that the vehicle is parked, and closes the circuit to the accessory device.



When the parking brakes are released by pressurizing the supply gladhand, the switch reads the line pressure, and opens

the accessory circuit to shut off the connected device.



This sectional view illustrates the operation of the switch, shown in the parked or "accessory on" position. Air applied to the 1/8 pipe thread port will act on the piston to raise the copper bridge off of the terminal contact, breaking the circuit.

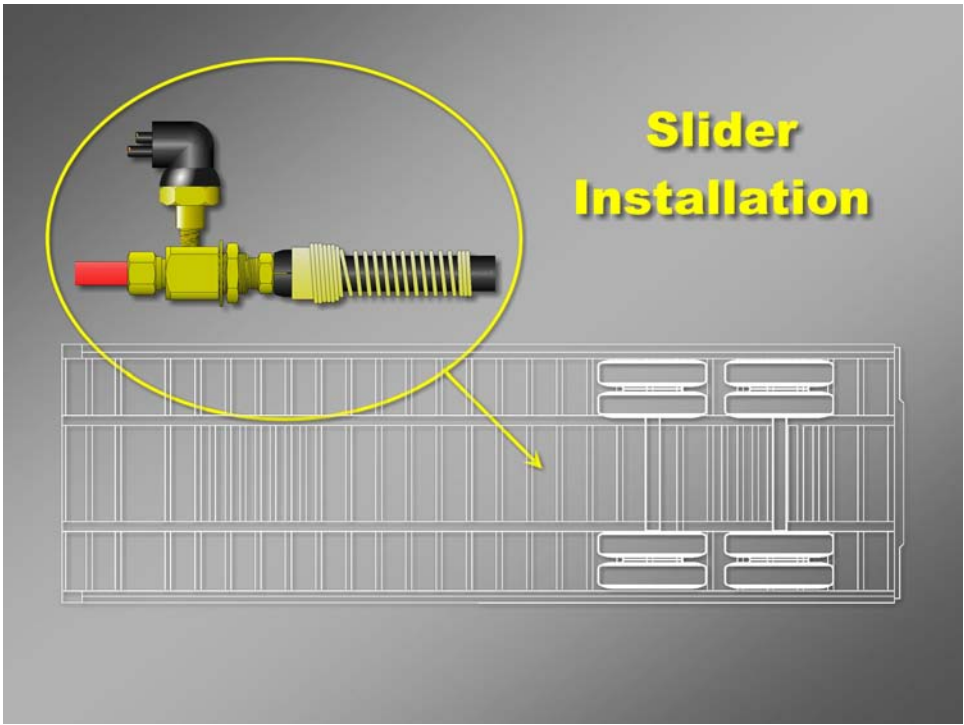
When air pressure is removed (parking brakes applied), the spring closes the circuit by forcing the bridge back down onto the contacts.



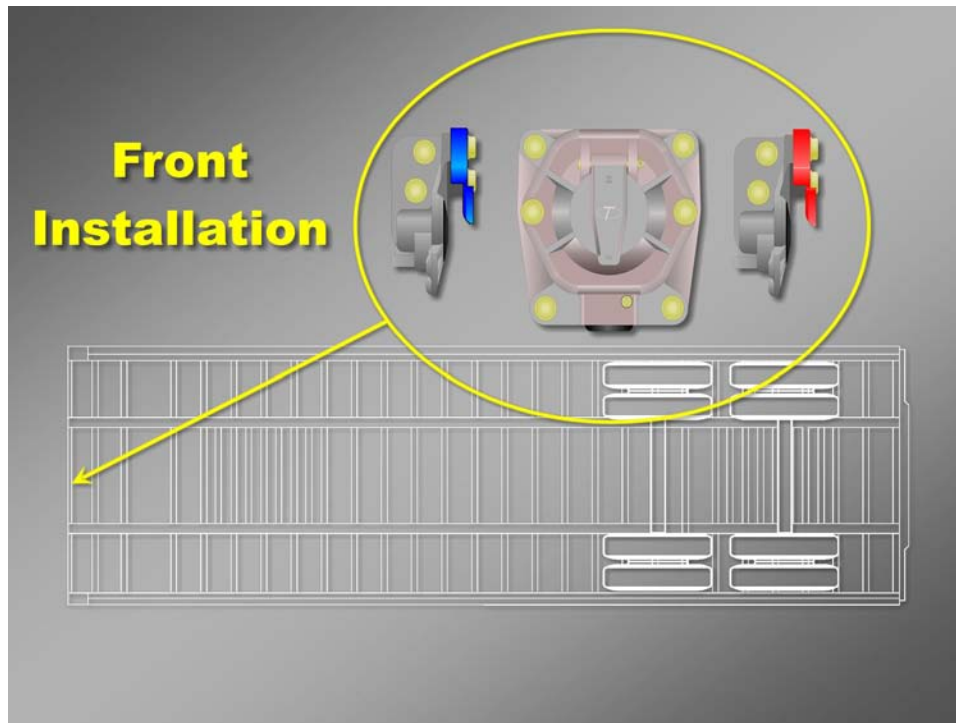
The small size and 24" long 12 gage wire leads of the 38046 version, or ...



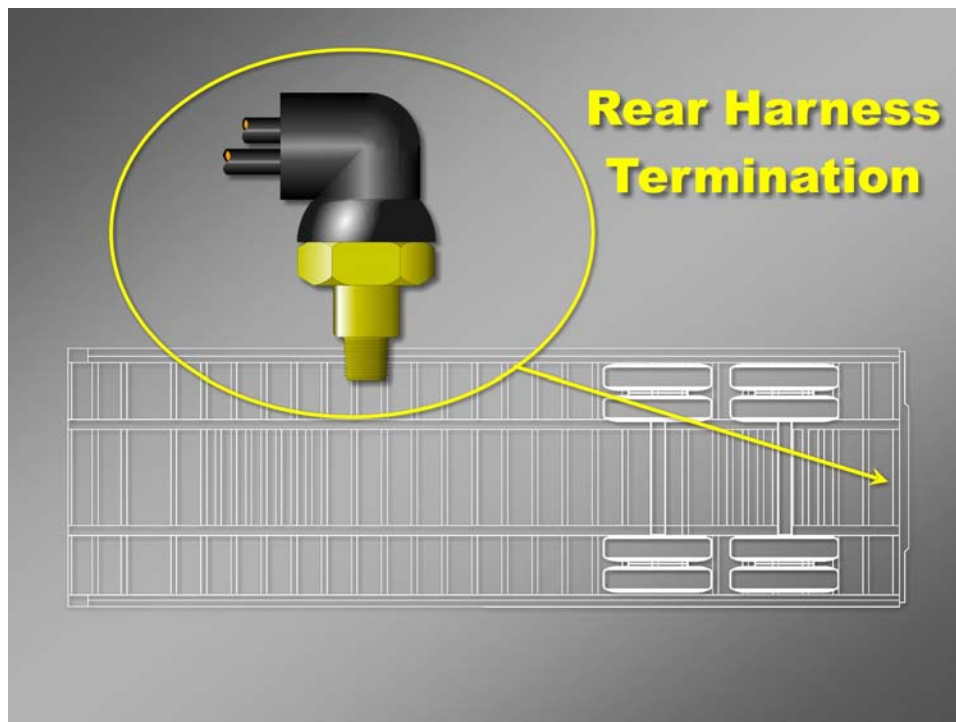
... with two 1/4" slide terminals on the 38042 for dry location applications, provides a great deal of flexibility in choosing installation locations.



The optional anchor tee fittings for 1/2" and 3/8" O.D. tubing provide easy installation at the slider hose connection, as shown in the previous schematic.



Installations can also be made at the nose gladhand, or concealed behind the receptacle, or in the upper coupler area ...



... at the rear harness termination, ... or any other location that the air and wiring are accessible.

Regardless of where it is most conveniently installed, the **TRAMEC ABS/Accessory** switch ensures that the full capacity of the shared “blue” circuit is available to the ABS whenever

the vehicle is rolling. At the same time, ensuring that the accessory load, such as dome lights, is turned off.