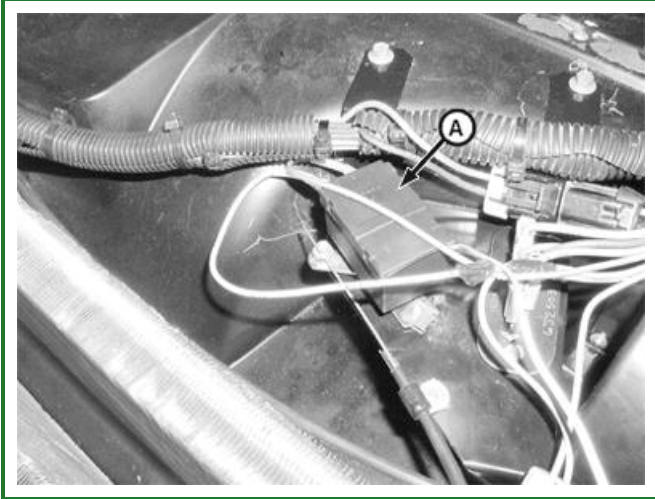


Operator Station - Air Conditioning Temperature Control Switch Operation



LV6459-UN: A/C Temperature Control Switch

LEGEND:

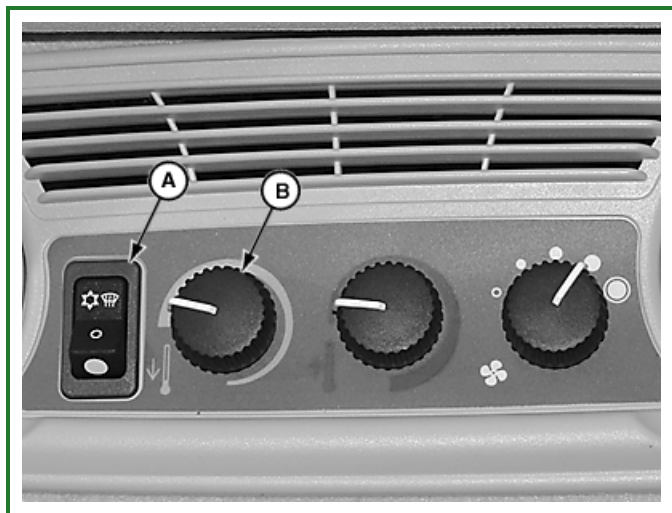
A - Thermostatic Temperature Control Switch

The thermostatic temperature control switch (A) is located in the evaporator/heater core housing, in the cab roof. The thermostatic control is a rotary-type switch with a gas-filled temperature sensing tube inserted into the evaporator core. The switch end of the sensing tube uses a diaphragm to control two external contacts wired to the compressor clutch. When the cab air needs to be cooled (to a preselected temperature setting inside the cab), the gas in the sensing tube expands the diaphragm, completing the circuit in the switch and engaging the compressor clutch. The compressor continues to operate until the preselected cab temperature is reached.

Go to [Section_290:Group_20AA](#)

AP43109,0002FF4-19-20111012

Operator Station - Air Conditioning ON/OFF Switch and Temperature Control Knob Operation



LV14904-UN: ON/OFF and A/C Switch

LEGEND:

A - ON/OFF Switch

B - A/C Temperature Control Knob

The A/C ON/OFF switch (A), located on the overhead control panel, controls power to the A/C temperature control switch. The A/C temperature control knob (B) is also located on the overhead control panel. Its function is to turn the A/C temperature control switch on or off as necessary. It has a single cable that goes to the A/C temperature control switch which is in the evaporator/heater core housing.

When the knob is fully counterclockwise, the A/C temperature control switch is ON, or fully open. When it is fully clockwise, the A/C temperature control switch is OFF, or fully closed. The control can be positioned anywhere within its range of travel to partially open the A/C temperature control switch for blending cold conditioned air from the evaporator with heat to obtain a comfortable cab temperature.

Go to [Section_290:Group_20AA](#)

AP43109,0002FF5-19-20111014