

## **SSM 51170**

### **2020-2022 F-Super Duty - 6.7L - Air Conditioning (A/C) Blowing Warm Air**

Some 2020-2022 F-Super Duty vehicles equipped with a 6.7L engine may exhibit an A/C system blowing only warm air. This may be due to the powertrain control module inhibiting the engagement of the air conditioning compressor clutch with parameter identification (PID) AC\_INHIBIT\_11 status showing TRUE. If this PID shows TRUE but the ambient air temperature PID reads correctly, this may be due to a disconnected mass air flow sensor with the ignition on, especially after checking the condition of the engine air filter. To correct the condition, clear all diagnostic trouble codes and perform the HVAC or FCIM - Reset the Outside Air Temperature Sensor Learned Values application. If the condition remains, the vehicle needs to be driven for 2-5 minutes over 23 mph (37 km/h). If the condition still remains, refer to Workshop Manual, Section 412-00 for normal diagnostics.