

6. Disconnect wire connector to proportional fan speed solenoid valve (Y8). This will allow maximum oil flow through fan drive motor.
7. Operate engine at specification.

Specification

Engine—Speed..... 1750—1850 rpm
 Work Mode
 Switch—Position..... Dig Mode
 Power Mode
 Switch—Position..... P (Standard) Mode
 Auto Idle
 Switch—Position..... OFF

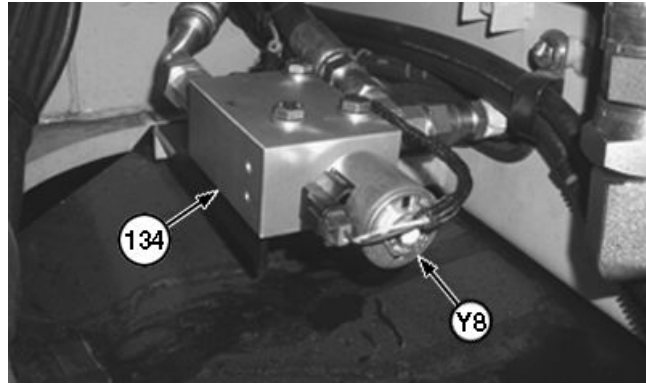
8. Measure fan speed with JT05719 Handheld Digital Tachometer. Record result.
9. Compare reading to specification.

Specification

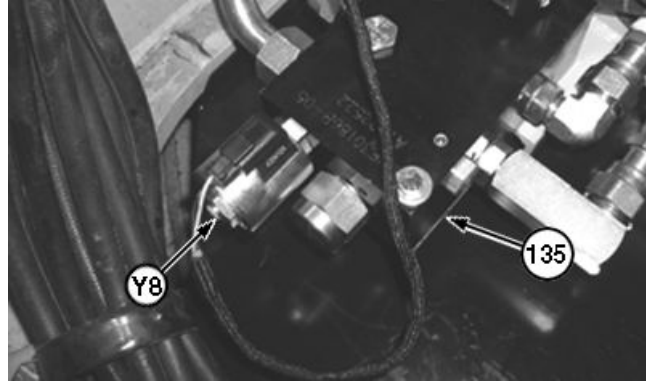
Cooling Fan—Speed..... 1700—1880 rpm

10. If fan speed is below specification:
 - See Fan Drive Pump Flow Test. (Group 9025-25.)

If fan drive pump flow is in specification, check proportional fan speed solenoid valve (Y8).
11. Install bottom plate in side compartment.
12. Close the center access door on the left side of machine.



Fan Speed Control Valve



Fan Speed and Reversing Control Valve (if equipped)

134— Fan Speed Control Valve Y8— Proportional Fan Speed Solenoid Valve
 135— Fan Speed and Reversing Control Valve Y9— Fan Reversing Solenoid

TX04577,000013A -19-29JUL13-2/2

TX1013449A —UN—28OCT06

TX1013500A —UN—28OCT06

Section 9031 Heating and Air Conditioning

Contents

	Page
Group 05—Theory of Operation	
Air Conditioning System Cycle of Operation.....	9031-05-1
Group 15—Diagnostic Information	
Diagnose Air Conditioning System Malfunctions	9031-15-1
Diagnose Heating System Malfunctions	9031-15-4
Heater and Air Conditioner Diagnostic Trouble Code Check	9031-15-6
Heater and Air Conditioner Component Location	9031-15-9
Group 25—Tests	
R134a Refrigerant Cautions and Proper Handling.....	9031-25-1
Heater and Air Conditioner Operational Checks	9031-25-1
Visual Inspection of Components	9031-25-1
R134a Air Conditioning System Test.....	9031-25-4
Air Conditioner Compressor Clutch Test.....	9031-25-5
Refrigerant Leak Test	9031-25-5
Refrigerant Hoses and Tubing Inspection	9031-25-6
Air Conditioner High/Low-Pressure Switch Test	9031-25-7
Air Conditioner Freeze Control Switch Test	9031-25-8
Air Conditioning System Test.....	9031-25-9
Air Conditioner Compressor Belt Check and Adjustment	9031-25-10
Operating Pressure Diagnostic Chart.....	9031-25-11