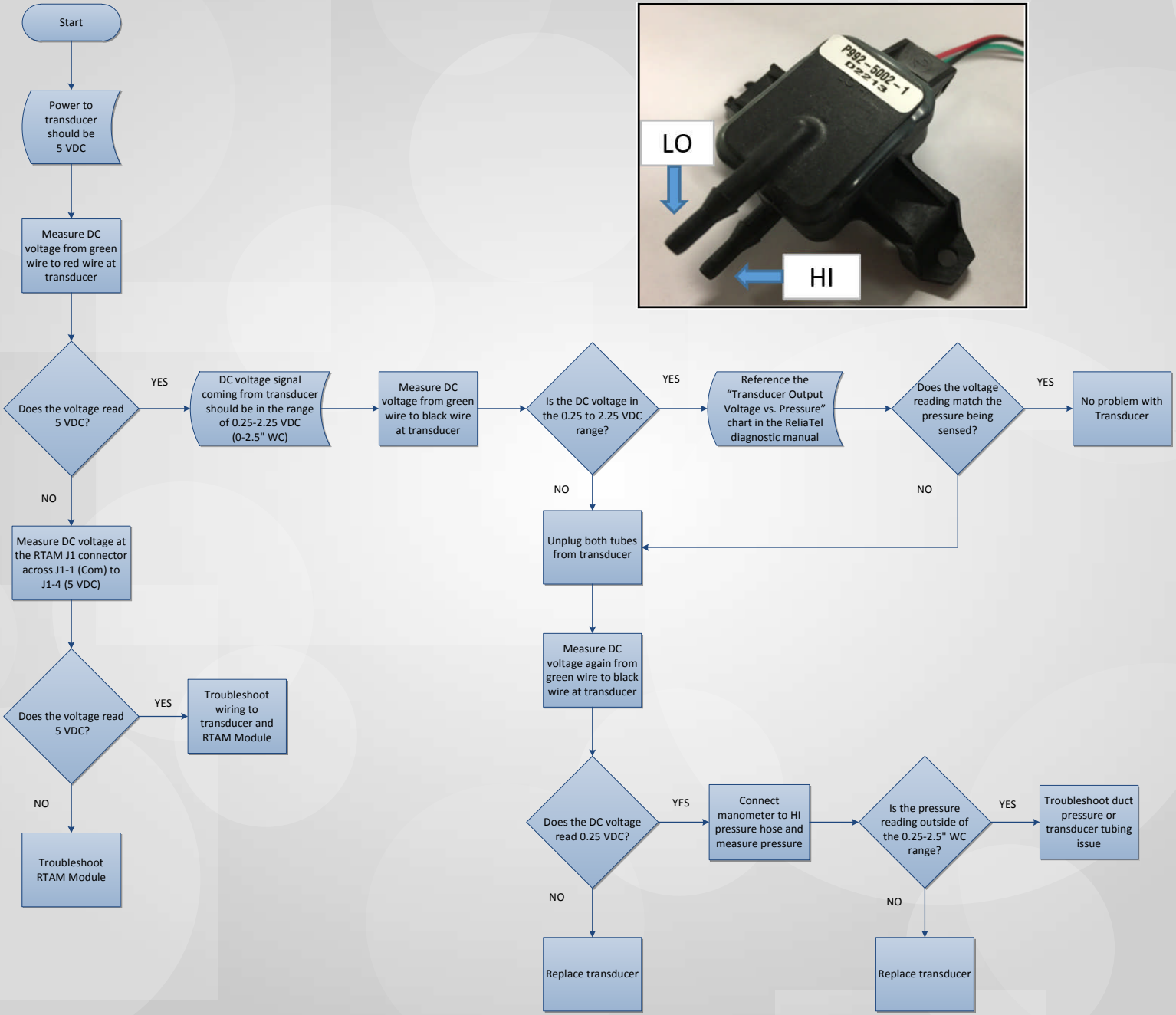
P992-5002-1
D2213
LO
HI


Start
Power to transducer should be 5 VDC
Measure DC voltage from green wire to red wire at transducer
Does the voltage read 5 VDC?
YES
DC voltage signal coming from transducer should be in the range of 0.25-2.25 VDC (0-2.5" WC)
Measure DC voltage from green wire to black wire at transducer
Is the DC voltage in the 0.25 to 2.25 VDC range?
YES
Reference the "Transducer Output Voltage vs. Pressure" chart in the ReliaTel diagnostic manual
Does the voltage reading match the pressure being sensed?
YES
No problem with Transducer
NO
NO
Unplug both tubes from transducer
Measure DC voltage again from green wire to black wire at transducer
Does the DC voltage read 0.25 VDC?
YES
Connect manometer to HI pressure hose and measure pressure
Is the pressure reading outside of the 0.25-2.5" WC range?
YES
Troubleshoot duct pressure or transducer tubing issue
NO
NO
Replace transducer
Replace transducer
NO
Measure DC voltage at the RTAM J1 connector across J1-1 (Com) to J1-4 (5 VDC)
Does the voltage read 5 VDC?
YES
Troubleshoot wiring to transducer and RTAM Module
NO
Troubleshoot RTAM Module