	components of the A/C compressor clutch control system in the appropria service information.
	a. Specified resistance of the clutch winding: ohms b. A/C cycling switch specifications (if equipped) Off pressure: psi/kPa On pressure: psi/kPa c. A/C thermoswitch specifications (if equipped) Off temperature: °F/°C On temperature: °F/°C
	d. A/C duct temperature specifications: °F/°C e. A/C high-pressure cut-out switch specifications Off pressure: psi/kPa On pressure: psi/kPa
	f. A/C low pressure cut-out switch (non-cycling) (if equipped) Off pressure: psi/kPa On pressure: psi/kPa
	 g. A/C compressor clutch relay specifications (if equipped) Relay winding resistance: ohms Maximum allowable voltage drop across relay contacts: volts h. List all the fuses and/or fusible links for the A/C compressor clutch
	i. Does the compressor clutch share a fuse with the blower circuit?
2	Yes: No: Following the specified procedure, activate the A/C system.
	a. Does the compressor clutch engage? Yes: No: b. If yes, continue on to step 3. If no, skip to step 5
3	a. A/C cycling switch readings (if equipped) Off pressure: psi/kPa On pressure: psi/kPa b. A/C thermoswitch readings (if equipped) Off temperature: °F/°C On temperature: °F/°C c. A/C duct temperature: °F/°C

▶ TASK Diagnose A/C compressor clutch control systems; determine

Year ______ Make _____ Model _____

1. Research the procedure and specifications to inspect and test the electrical

Odometer_____VIN____

needed action.

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Vehicle used for this activity:

Time off___

Time on_

Total time_

e. Determine any necessary action(s): 4. Have your supervisor/instructor verify the readings. Supervisor's/instruction initials: NOTE If your instructor signed off on this step, skip to the final check off. 5. If the clutch does not engage, install a gauge set and check for minimum refrigerant pressure. If pressure is insufficient, check for refrigerant leak then retest after repair. If pressure is sufficient, measure the voltage app to the compressor clutch winding. a. Applied voltage to the compressor clutch:	ERFOR	d. A/C high pressure cut-out switch readings (may require condenser blockage to test). (DUE TO THE SAFETY IMPLICATIONS, ONLY PE THIS TEST IF APPROVED BY YOUR SUPERVISOR/INSTRUCTOR.) Off pressure: psi/kPa On pressure: psi/kPa	
Initials:			
5. If the clutch does not engage, install a gauge set and check for minimum refrigerant pressure. If pressure is insufficient, check for refrigerant leak then retest after repair. If pressure is sufficient, measure the voltage app to the compressor clutch winding. a. Applied voltage to the compressor clutch:	ctor's		
refrigerant pressure. If pressure is insufficient, check for refrigerant leak then retest after repair. If pressure is sufficient, measure the voltage app to the compressor clutch winding. a. Applied voltage to the compressor clutch:		If your instructor signed off on this step, skip to the final check off.	
b. Compressor clutch winding resistance: ohms c. A/C compressor clutch relay readings Relay winding resistance: ohms Voltage at the relay contact input terminal: volt Voltage drop across relay contacts (A/C on): vol d. Describe the circuit protection device(s) condition: 6. Determine any necessary action(s): NOTE If repairs are made, return to step 3 and retest. 7. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommendations.	s,	rigerant pressure. If pressure is insufficient, check for refrigerant leaks n retest after repair. If pressure is sufficient, measure the voltage app	
c. A/C compressor clutch relay readings Relay winding resistance: ohms Voltage at the relay contact input terminal: volt Voltage drop across relay contacts (A/C on): vol d. Describe the circuit protection device(s) condition: 6. Determine any necessary action(s): NOTE If repairs are made, return to step 3 and retest. 7. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommendations.		a. Applied voltage to the compressor clutch: volts	
Relay winding resistance: ohms Voltage at the relay contact input terminal: volt Voltage drop across relay contacts (A/C on): vol d. Describe the circuit protection device(s) condition: 6. Determine any necessary action(s): NOTE If repairs are made, return to step 3 and retest. 7. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommendations.			
Voltage at the relay contact input terminal:			
Voltage drop across relay contacts (A/C on):			
d. Describe the circuit protection device(s) condition: 6. Determine any necessary action(s): NOTE If repairs are made, return to step 3 and retest. 7. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recomme			
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7. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recomme			
procedure, any observations found, and any necessary action(s) recomme		. If repairs are made, return to step 3 and retest.	
Performance Rating CDX Tasksheet Number: C374	ended.		
		CDX Tasksheet Number: C374	Performance Rating
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