!	no-crank condition.	MAST Time on
DX Tasksi	sheet Number: C314	010
ehicle use	ed for this activity:	Total time
ear	Make Model	
dometer_	VIN	
1.	 Locate a no-crank or slow-crank starting system symptom chart in the app service information for the vehicle you are working on. 	ropriate
	a. Research the repair procedures for the condition of the vehicle, as the service information, for the vehicle assigned to you.	outlined in
2.	2. Most vehicles can be tested using the following procedure to determine where vehicle is experiencing an electrical or mechanical problem: Turn on the here and try to start the engine while listening to the starter and watching the here Place a check mark next to the condition below that happened during this starter.	ether the adlights eadlights. test.
	a. No starter noises and the headlights stayed at the same intensity:	
	NOTE This fault is likely an electrical fault in the starter itself or the control to the starter.	circuit
L	b. Loud single click when the key is turned to "crank" and headligh dim, or only dim slightly.	nts don't
	 b. Loud single click when the key is turned to "crank" and headligh dim, or only dim slightly. NOTE This fault is likely an electrical fault caused by solenoid contacts or simotor brushes that are excessively worn. 	a ts don't arter
	 b. Loud single click when the key is turned to "crank" and headligh dim, or only dim slightly	a ts don't arter
	 b. Loud single click when the key is turned to "crank" and headligh dim, or only dim slightly	tance in e starter
	 b. Loud single click when the key is turned to "crank" and headligh dim, or only dim slightly	ats don't carter tance in e starter wly and

Date:

Class

Name:

e. The engine cranks substantially faster than normal: _

NOTE This fault is likely a mechanical fault caused by low compression due to a broken or slipped timing belt/chain, bent valves, or piston rings that are not sealing.

3. Diagnose the problem based on these conditions. List the steps you took to diagnose the problem and the results you obtained:

- 4. Determine any necessary actions:
- **5.** Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

