

Reference No.																			
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SELF-ASSESSMENT GUIDE

Qualification	AUTOMOTIVE SERVICING (ELECTRICAL REPAIR) NC II																	
Certificate of Competency (COC 1)	SERVICE AUTOMOTIVE MANUAL AIR-CONDITIONING SYSTEM																	
Units of Competency Covered	<ul style="list-style-type: none"> • Service manual air-conditioner system • Diagnose and repair manual air-conditioner system • Repair manual air-conditioner compressor magnetic clutch 																	
Instruction:																		
<ul style="list-style-type: none"> • Read each question and check the appropriate column to indicate your answer. 																		
Can I?																	YES	NO
PERFORM PREPARATORY ACTIVITIES																		
• Identify the job required based on the Job/Repair Order *																		
• Select and check serviceability of needed diagnostic/dismantling tools, equipment and materials *																		
SERVICE MANUAL AIR-CONDITIONER SYSTEM																		
• Perform visual inspection of air-con system for preventive maintenance*																		
• Perform system performance tests following manufacturer’s repair manual *																		
• Service manual air-conditioning system following manufacturer’s manual																		
• Perform final inspection to check the quality of servicing done on manual air-conditioner system																		
DIAGNOSE AND REPAIR MANUAL AIR-CONDITIONER SYSTEM																		
• Identify malfunction/s on manual air-conditioner system and its causes by troubleshooting and performing diagnostic tests *																		
• Identify the appropriate repair procedure based on the diagnostic results *																		
• Perform necessary repair/replace or adjustment procedure of identified defective components following manufacturer’s repair manual *																		
• Perform final inspection to check the quality of repair done on manual air-conditioner system																		
REPAIR MANUAL AIR-CONDITIONER COMPRESSOR MAGNETIC CLUTCH																		
• Remove and inspect magnetic clutch and its components by using appropriate tools *																		
• Install magnetic clutch components according to manufacturer’s repair manual *																		
• Check installation by measuring tolerances, resistances and clearances according to manufacturer’s repair manual																		

• Perform final inspection to check the quality of repair done in compressor magnetic clutch		
	YES	NO
PERFORM POST-ACTIVITIES		
• Record inspection findings, irregularities and/or recommendations (IF ANY) in the Job/Repair Order		
• Clean and store tools, supplies, equipment, demo or mock-up vehicle		
OBSERVES WORK ENVIRONMENT, HEALTH, SAFETY AND PRACTICES		
• Clean work area and practice good housekeeping		
• Practice 3 Rs (reduce, recycle, re-use) and proper waste disposal, according to environmental standards *		
• Identify hazards and risks associated with work		
• Use appropriate PPE		
• Practice works safety and health measures in performing tasks		
I agree to undertake assessment with the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.		
Candidate's Name and Signature		Date