

# CDX Automotive Tasksheet : C344

## Student/Intern Information:

Name ..... Date ..... Class .....

## Vehicle used for this activity:

Make ..... Model .....

Year ..... Odometer ..... VIN .....

## Learning objective/task:

Performance test A/C system; diagnose A/C system malfunctions using principles of refrigeration.

## Recommended resource materials:

- CDX General Service
- CDX Automotive Resource Kit
- CDX eTextbook
- Tech Service Bulletins, Shop Manuals, and any other information applicable to the specific vehicle or components you are working on.

## Some safety issues to consider:

- Refrigerant can cause serious damage to a person if it comes in contact with unprotected skin.
- When operating, the air conditioning system is normally subject to very high pressure in the system. Extreme caution must be exercised when working on an operating system.
- Extreme caution must be exercised when working around rotating components.
- Always wear correct protective eyewear and clothing and use the appropriate safety equipment, as well as fender covers, seat protectors, and floor mat protectors.
- Make sure that you understand and observe all legislative and personal safety procedures when carrying out practical assignments. If you are unsure of what these are, ask your supervisor/instructor.

## Materials required:

- Appropriate air conditioning manifold gauge set including service hoses
- Air conditioning service station, recovery/recycling equipment as necessary
- Refrigerant leak detecting equipment
- Refrigerant type detecting equipment
- Appropriate thermometers

## Assignment:

1. Record the make and model of the vehicle you will be working on.

Make: ..... Model: ..... Year: .....

2. Note the issue of concern here:



# CDX Automotive Tasksheet : C344

## Student's competency rating

Supervisor/instructor assessing performance marks applicable box



\* 0 \*

### 0 - No exposure

No information or practise provided during the program; complete training required



\* 1 \*

### 1 - Exposure only

General information provided with no practice time; close supervision needed; additional training required



\* 2 \*

### 2 - Limited practice

Has practiced job during training program; additional training is required to develop skill



\* 3 \*

### 3 - Moderately skilled

Has performed job independently during training program; limited additional training may be required



\* 4 \*

### 4 - Skilled

Can perform job independently with no additional training

Supervisor/instructor signature ..... Date .....

Supervisor/instructor name .....

The tasks in this worksheet contain activities that also contribute towards the achievement of a range of educational and interdisciplinary skills. These skills are variously described by such terms as 'Core Skills', or 'Key Competencies', or 'Applied Academics'.



\* C 3 4 4 \*