

Student Name:

Date:

Unit Title	Introduction to vehicle transmission systems	Level:	ONE	Sheringham High School Motors
		Credit Value:	4	
		Unit Code:	J/501/7014	

Task: Work safely No 1.1

1. You have to move an engine & gearbox from the bench, in order to protect your hands from sharp edges, which one of the following would be the most suitable?

A



B



C



Correct answer:.....

Student Name:

Date:

2. Which one of the following is the correct technique for manually lifting a heavy component from the floor?

- A. Keep legs straight and bend your back.
- B. Bend both your knees and your back.
- C. Bend your knees and keep your back straight.

Answer

3. The diagram shows an engine about to be moved, should it be:

- A. placed as shown
- B. moved back behind the wheels.



Answer:

3. Below are shown two hands tools, answer the questions

A



B



Student Name:

Date:

Name the tools?

A:

B:

4. When used with a socket which one is most suitable for undoing a very tight bolt, A or B?

Answer:

Assessor Checklist	Achieved Y/N
Methodical Procedures used	
Date completed	

Assessor Declaration

In signing this sheet the assessor and learner confirm that all the operation in this task were Carried out by the named learner observed safe working practices at all times.

Assessor Signature..... Date.....

Learner Signature..... Date.....

Student Name:

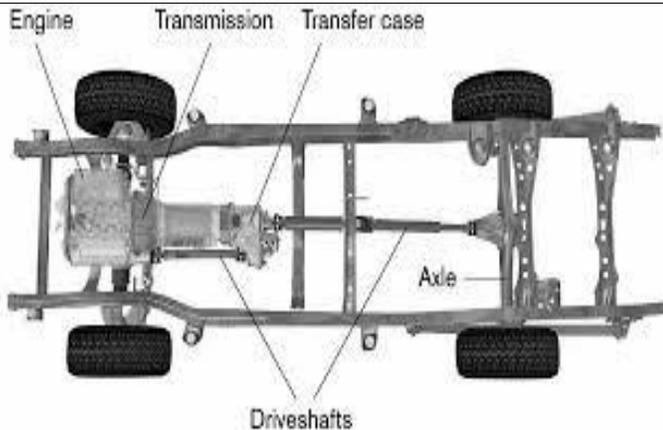
Date:

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Task: Know vehicle transmission layouts No 2.1

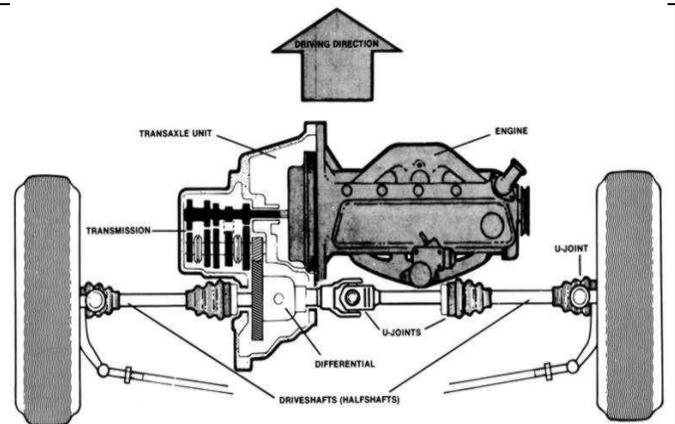
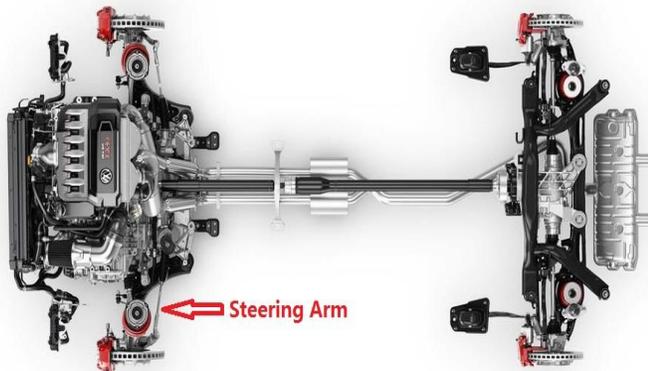
2.1 Identify vehicle transmission layouts as

- * front engine front wheel drive
- * front engine rear wheel drive
- * mid-engine rear wheel drive
- * front engine four wheel drive



What type of layout:

What type of layout:



What type of layout:

What type of layout:

Student Name:

Date:

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Assessor Checklist	Achieved Y/N
Procedure is accurate	
All items included	

Assessor Declaration

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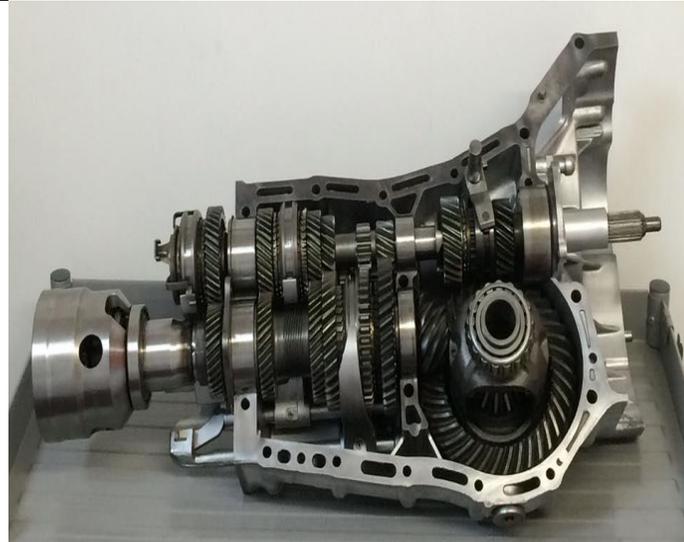
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Task: Know the units of a manual transmission system No 3.1

3.1 Identify the location of the clutch, gearbox and final drive on a vehicle



Identify this component:
Purpose:

Identify this component:
Purpose:



Identify this component:
Purpose:

Identify this component:
Purpose:

Identify this component:
Purpose:

Student Name:

Date:

Photo:	Photo:
Location of:	Location of:
Photo:	
Location of:	

Assessor Checklist	Achieved Y/N
Procedure is accurate	
All items included	
Assessor Declaration	
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Learner Signature..... Date.....	

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Date:

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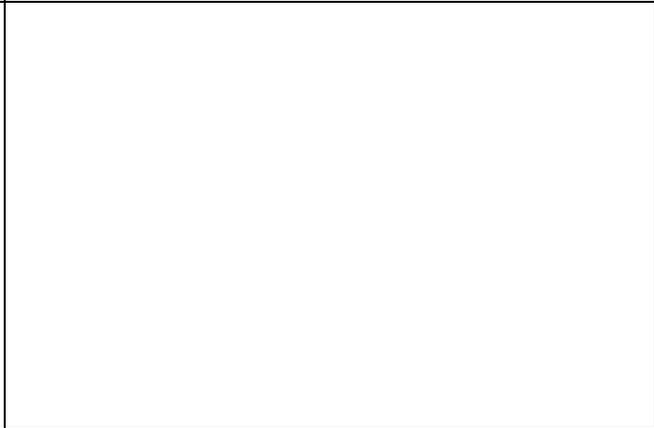
Task: Know the units of an automatic transmission system No 4.1

4.1 Identify the location of the torque converter, gear box and final drive on a vehicle



Identify this component:

Identify this component:



Identify this component:

Assessor Checklist	Achieved Y/N
Procedure is accurate	
All items included	

Student Name:

Date:

Assessor Declaration

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Task: Know the components of a manual clutch assembly No 5.1, 5.2

5.1 Identify, from samples, the main components of a manual clutch assembly as
* clutch plate
* cover assembly
* thrust bearing



Identify this component:

Identify this component:



Identify this component:

Identify this component:

Student Name:

Date:

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5.2 Correctly assemble and align a manual clutch assembly onto an engine flywheel

Photo

Photo

Explain how to assemble and align a manual clutch:

Explain how to assemble and align a manual clutch:

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Date:

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Task: Know how manual and automatic transmission systems are lubricate No 6.1, 6.2, 6.3,

- 6.1 Identify from appropriate data the lubricants used in manual transmission systems
- 6.2 Identify from appropriate data the lubricant used in automatic transmission systems
- 6.3 Perform a check and top up lubricant level/s in a manual transmission system

6.1 Identify from appropriate data the lubricants used in manual transmission systems						
6.2 Identify from appropriate data the lubricant used in automatic transmission systems						
Transmission type/layout	Vehicle make	Vehicle model	Year of manufacture	Gearbox oil	Final drive oil	Final drive oil limited slip differential
Front Wheel Drive Manual						
Front Wheel Drive Automatic						
Rear Wheel Drive Manual						
Rear Wheel Drive Automatic						
Four Wheel Drive Manual						
Four Wheel Drive Automatic						

Student Name:

Date:

6.3 Perform a check and top up lubricant level/s in a manual transmission system

Photo

Photo

Explain how to perform a check and top up lubricant level/s

Explain how to perform a check and top up lubricant level/s

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Assessor Checklist	Achieved Y/N
Procedure is accurate	
All items included	

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Task: Be aware of environmental considerations No 7.1

7.1 Demonstrate appropriate ways to dispose of waste products in accordance with environmental guidance

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Assessor Checklist	Achieved Y/N
Procedure is accurate	
All items included	

Assessor Declaration

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