

Student Name:

Date:

Unit Title	Introduction to steering and suspension	Level:	ONE	Sheringham High School Motors
		Credit Value:	4	
		Unit Code:	R/501/7016	

Task: Use safe working practices when working on vehicle steering and suspension systems No 1.1

1. Many of the steering and suspension systems parts are heavy, what must you do to reduce any safety hazards.
2. The suspension system has many parts that are under high pressure and tension, what parts are these.
3. Always wear approved safety equipment when working on a suspension system or steering system, name the safety equipment you would use.
4. Many parts and assemblies on suspension systems must be removed in the correct sequence, what would happen if incorrectly disassembled.

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Assessor Checklist	Achieved Y/N
PPE selected and used correctly	
Methodical Procedures used	

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.....

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Task: Know how to remove and replace road wheels No 2.2

2.1 Remove and replace road wheels with special attention to:
* safe jacking procedure
* use of correct jacking points
* use of axle stands
* use of axle stands

Photo	Photo
safe jacking procedure	use of correct jacking points
Photo	Photo
use of axle stands	use of axle stands

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Methodical Procedures used	

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Task: Know about steering systems No 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7

3.1 Identify and locate main components of a non-power- assisted vehicle steering system	
<p style="text-align: center;">Photo</p>	<p style="text-align: center;">Photo</p>
1.Part & function:	2. Part & function:
<p style="text-align: center;">Photo</p>	<p style="text-align: center;">Photo</p>
3. Part & function:	4. Part & function:

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3.2 Identify and locate main components of a power assisted vehicle steering system	
Photo	Photo
1.Part & function:	2. Part & function:
Photo	Photo
3. Part & function:	4 Part & function:

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3.3 Check steering systems for excessive wear and identify key findings

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3.4 Remove and replace track rod end	
Photo	Photo
Task:	Task:

3.5 Check and adjust front wheel alignment	
Photo	Photo
Task:	Task:

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3.6 Check power assisted steering systems for leaks	
Photo	Photo
Task:	Task:

3.7 Follow correct procedure to check and top-up power assisted steering fluid level	
Photo	Photo
Task:	Task:

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Date:

Assessor Checklist	Achieved Y/N
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Methodical Procedures used	

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Task: Know about suspension systems No 4.1, 4.2, 4.3

4.1 Identify and locate the main components of a vehicle suspension system	
Picture	Picture
Component: Purpose:	Component: Purpose:
Picture	Picture
Component: Purpose:	Component: Purpose:

Student Name:

Date:

Picture	Picture
Component: Purpose:	Component: Purpose:

4.2 Check suspension system for excessive wear and identify key findings	
Photo	Photo
Parts checked: Fault or wear:	Parts checked: Fault or wear:
Photo	Photo
Parts checked: Fault or wear:	Parts checked: Fault or wear:

Student Name:

Date:

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4.3 Remove and refit front or rear suspension damper	
Photo	Photo
Parts removing:	Parts removing:
Photo	Photo
Parts removing:	Parts removing:

Assessor Checklist	Achieved Y/N
PPE selected and used correctly	
Methodical Procedures used	

Student Name:

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Assessor Declaration

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Task: Be aware of environmental considerations No 5.1

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

1. Where would you dispose of old shock absorbers
Answer

2. Where would you dispose of old shock absorbers oil
Answer

3. Where would you dispose shocks, struts, and cartridge inserts
Answer

Assessor Checklist	Achieved Y/N
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Methodical Procedures used	

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