



# STEERING SYSTEM.

- 59** Cut Away in Manual Steering
- 60** Power Steering
- 61** Cut Away in Power Steering
- 62** Electrical Power Steering
- 63** Cut away in electrical Power Steering
- 64** Cut away in manual power Steering with one wheel suspension
- 65** Cutaway in manual power Steering with two wheels suspension



### INTRODUCTION

Specifically dedicated to train the students and technicians on the components of the manual steering system of vehicles.

### E - CONTENT

AUT 14105-101

E-Content for Manual Steering System

### Dimensions & Weight

120 Cm x 70 Cm x 100 Cm

100 Kg

### GENERAL FEATURES OF THE UNIT

- The device is designed to train the students on the manual steering system of the vehicles and its components.
- The device shows the steering shaft, steering wheel, steering box/rack and how being linked to wheels.
- The device is mounted on a metal chassis that is electrostatically painted and mounted on 4 wheels for easily mobility inside the laboratory.
- The model is easily run through the steering wheel.

### SCOPE OF DELIVERY

- Chassis of metal, electrostatic painted, mounted on 4 wheels.
- A training model for the steering system of vehicles.

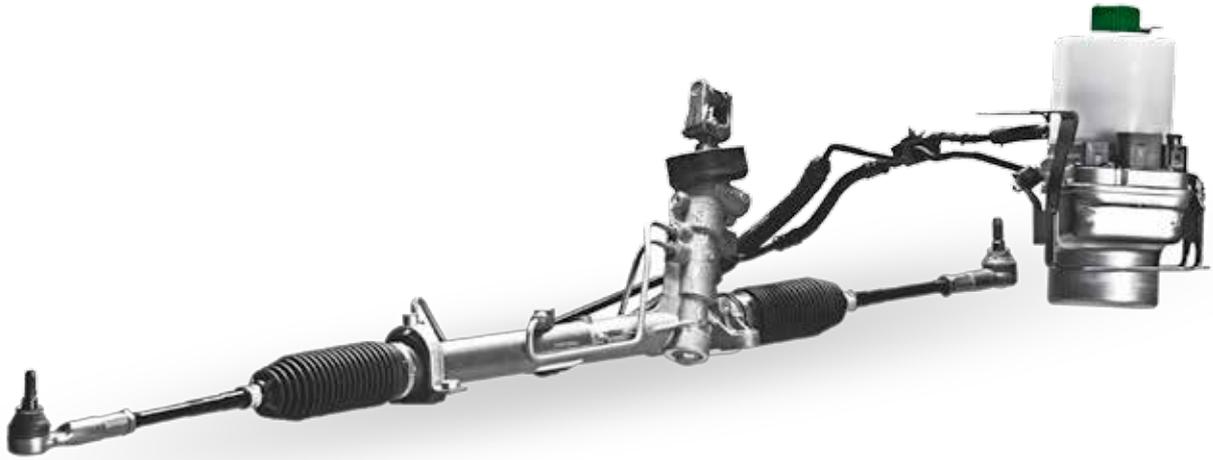
### SUPPLIED WITH THE UNIT

Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.

### ACCESSORIES

- AUT-15102 Cover for the equipment
- AUT-15103 Touch Screen
- AUT-15104 Screen Holder fitted on the device
- AUT-15108 Fault diagnosis equipment

- AUT-15109 Labels for the Laboratory
- AUT-15110 Basic Tool Kit
- AUT-15111 Advanced Tool Kit



**INTRODUCTION**

Specifically dedicated to train the students and technicians on the components of the manual steering system of vehicles.

**SUPPLIED WITH THE UNIT**

Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.

**Dimensions & Weight**

120 Cm x 70 Cm x 100 Cm

100 Kg

**ACCESSORIES**

- AUT-15102 Cover for the equipment
- AUT-15103 Touch Screen
- AUT-15104 Screen Holder fitted on the device
- AUT-15108 Fault diagnosis equipment

**GENERAL FEATURES OF THE UNIT**

- The device is designed to train the students on the power steering system along with an oil pump and its accessories. [Manual or Automatic power steering].
- The device includes cutaway in some parts to indicate the internal construction of it.
- The device has colored sections of the components for the training on the internal construction of the system
- The device shows the steering shaft, steering wheel, steering box/rack and how being linked to wheels.
- The device is mounted on a metal chassis that is colored sections painted and mounted on 4 wheels for easily mobility inside the laboratory.
- The model is easily run through the steering wheel.

**SCOPE OF DELIVERY**

- Chassis of metal, electrostatic painted, mounted on 4 wheels.
- A training model for the steering system of vehicles.
- Colored Sections of the components for the training on the internal construction of the system

- AUT-15109 Labels for the Laboratory
- AUT-15110 Basic Tool Kit
- AUT-15111 Advanced Tool Kit

**E - CONTENT**

AUT 14105-101 E-Content for Hydraulic Power Steering System



### INTRODUCTION

Specifically dedicated to train the students and technicians on the components of the power steering system of vehicles.

#### Dimensions & Weight

120 Cm x 70 Cm x 100 Cm

100 Kg

#### Electric Supply

1 Phase , 220 Volts / 50 Hertz

### E - CONTENT

AUT 14105-301 E-Content for Electric Power Steering System

### ACCESSORIES

AUT-15102 Cover for the equipment  
 AUT-15103 Touch Screen  
 AUT-15104 Screen Holder fitted on the device  
 AUT-15108 Fault diagnosis equipment

### GENERAL FEATURES OF THE UNIT

- The device is designed to train the students on the power steering system and its Components. ....
- The device shows the steering shaft, steering wheel, steering box/rack and how being linked to wheels.
- The device includes an oil container to let the student know how it is connected to the steering wheel rack.
- The pump could be run through an electric motor that is attached for the student to differentiate the steering power with or without operating the pump.
- The device is mounted on a metal chassis that is electrostatically painted and mounted on 4 wheels for easily mobility inside the laboratory.

### SCOPE OF DELIVERY

- Chassis of metal, electrostatic painted, mounted on 4 wheels.
- A training model for the steering system of vehicles.
- Electric Motor to run the oil pump.

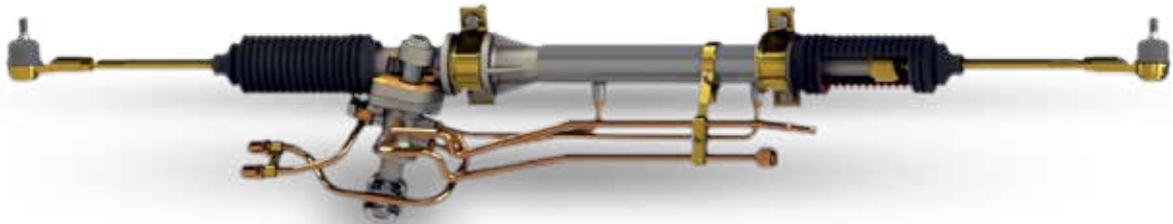
### SUPPLIED WITH THE UNIT

Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.

AUT-15109 Labels for the Laboratory  
 AUT-15110 Basic Tool Kit  
 AUT-15111 Advanced Tool Kit



- INTRODUCTION** Specifically dedicated to train the students and technicians on the components of the power steering system of vehicles.
- GENERAL FEATURES OF THE UNIT**
- The device is designed to train the students on the power steering system along with an oil pump and its accessories.
  - The device has colored sections of the components for the training on the internal construction of the system
  - The device shows the steering shaft, steering wheel, steering box/rack and how it is linked to the wheels.
  - The device includes an oil container to let the student know how it is connected to the pump rack. [The container is supplied not filled with oil].
  - The device includes a plastic handle to run the device in order to recognize the theory of operation of the oil pump.
  - The device is mounted on a metal chassis that is electrostatically painted and mounted on 4 wheels for easily mobility inside the laboratory.
- SCOPE OF DELIVERY**
- Chassis of metal, electrostatic painted, mounted on 4 wheels.
  - A training model for the steering system of vehicles.
  - Colored Sections of the components for the training on the internal construction of the system
  - A cutaway in the pump of oil of the power steering system.
- SUPPLIED WITH THE UNIT** Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.
- ACCESSORIES**
- | AUT-15102               | Cover for the equipment   | <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th style="background-color: #f4a460;">Dimensions &amp; Weight</th> </tr> </thead> <tbody> <tr> <td>120 Cm x 70 Cm x 110 Cm</td> </tr> <tr> <td>100 Kg</td> </tr> </tbody> </table> | Dimensions & Weight | 120 Cm x 70 Cm x 110 Cm | 100 Kg |
|-------------------------|---------------------------|--|---------------------|-------------------------|--------|
| Dimensions & Weight     |                           |  |                     |                         |        |
| 120 Cm x 70 Cm x 110 Cm |                           |  |                     |                         |        |
| 100 Kg                  |                           |  |                     |                         |        |
| AUT-15109               | Labels for the Laboratory |  |                     |                         |        |
| AUT-15110               | Basic Tool Kit            |  |                     |                         |        |
| AUT-15111               | Advanced Tool Kit         |  |                     |                         |        |



### INTRODUCTION

Specifically dedicated to train the students and technicians on the components of the power steering system of vehicles.

### GENERAL FEATURES OF THE UNIT

- The device is designed to train the students on the power steering system along with an electric motor and its components.
- The device shows the steering shaft, steering wheel, steering box/rack and how it is linked to the wheels.
- The device is connected to a power motor that could be operated through a generator that is supplied along with the device to check the whole system working.
- The device is mounted on a metal chassis that is electrostatically painted and mounted on 4 wheels for easily mobility inside the laboratory.

### SCOPE OF DELIVERY

- Chassis of metal, electrostatic painted, mounted on 4 wheels.
- A training model for the steering system of vehicles.
- Generator to run the power motor.

### SUPPLIED WITH THE UNIT

Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.

#### Dimensions & Weight

120 Cm x 70 Cm x 110 Cm

120 Kg

### ACCESSORIES

- AUT-15102 Cover for the equipment
- AUT-15109 Labels for the Laboratory
- AUT-15110 Basic Tool Kit
- AUT-15111 Advanced Tool Kit



### INTRODUCTION

Specifically dedicated to train the students and technicians on the components of the power steering system of vehicles.

### SCOPE OF DELIVERY

- Chassis of metal, electrostatic painted, mounted on 4 wheels.
- A training model for the steering system of vehicles.
- Coloured Sections for the components for the training on its internal construction.
- Cutaway in the power motor.

### SUPPLIED WITH THE UNIT

Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.

### ACCESSORIES

- AUT-15102 Cover for the equipment
- AUT-15109 Labels for the Laboratory
- AUT-15110 Basic Tool Kit
- AUT-15111 Advanced Tool Kit

### GENERAL FEATURES OF THE UNIT

- The device is designed to train the students on the power steering system along with an electric motor and its components.
- The device shows the steering shaft, steering wheel, steering box/rack and how it is linked to the wheels.
- The device is connected to a power motor that could be operated through a plastic handle to check the system while operating.
- The device has colored sections for some of the components for the student to easily differentiate each of them.
- The device is mounted on a metal chassis that is electrostatically painted and mounted on 4 wheels for easily mobility inside the laboratory.

### Dimensions & Weight

120 Cm x 70 Cm x 110 Cm

100 Kg



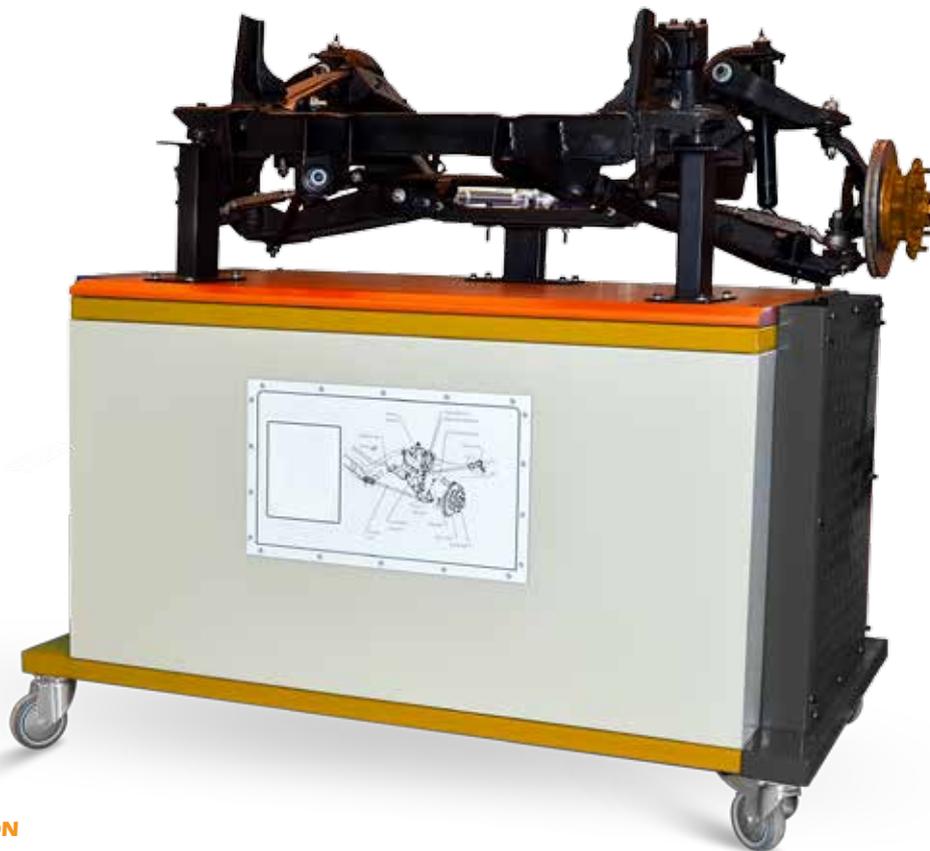
- INTRODUCTION** Specifically dedicated to train the students and technicians on the components of the manual steering system of vehicles.
- GENERAL FEATURES OF THE UNIT**

  - The device is designed to train the students on the power steering system along with an oil pump and its accessories.
  - The device includes cutaway in some parts to indicate the internal construction details.
  - The device has colored sections of the components for the training on the internal construction of the system
  - The device shows the steering shaft, steering wheel, steering box/rack and how it is linked to the wheels.
  - The device is connected to one front wheel along with its own suspension system.
  - Cutaway in the components of the suspension system.
  - The device is mounted on a metal chassis that is electrostatically painted and mounted on 4 wheels for easily mobility inside the laboratory.
  - The model is easily run through the steering wheel.
- SCOPE OF DELIVERY**

  - Chassis of metal, electrostatic painted, mounted on 4 wheels.
  - A training model for the steering system of vehicles.
  - Colored Sections of the components for the training on the internal construction of the system
- SUPPLIED WITH THE UNIT** Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.
- ACCESSORIES**

  - AUT-15102 Cover for the equipment
  - AUT-15109 Labels for the Laboratory
  - AUT-15110 Basic Tool Kit
  - AUT-15111 Advanced Tool Kit

Dimensions & Weight
160 Cm x 70 Cm x 110 Cm
100 Kg



### INTRODUCTION

Specifically dedicated to train the students and technicians on the components of the manual steering system of vehicles.

### GENERAL FEATURES OF THE UNIT

- The device is designed to train the students on the power steering system along with an oil pump and its accessories.
- The device includes cutaway in some parts to indicate the internal construction details.
- The device has colored sections of the components for the training on the internal construction of the system
- The device shows the steering shaft, steering wheel, steering box/rack and how it is linked to the wheels.
- The device is connected to the two front wheels along with its suspension system.
- Cutaway in the components of the suspension system.
- The device is mounted on a metal chassis that is electrostatically painted and mounted on 4 wheels for easy mobility inside the laboratory.
- The model is easily run through the steering wheel.

### SCOPE OF DELIVERY

- Chassis of metal, electrostatic painted, mounted on 4 wheels.
- A training model for the steering system of vehicles.
- Colored Sections of the components for the training on the internal construction of the system

### ACCESSORIES

- AUT-15102 Cover for the equipment
- AUT-15109 Labels for the Laboratory
- AUT-15110 Basic Tool Kit
- AUT-15111 Advanced Tool Kit

### SUPPLIED WITH THE UNIT

Operation Manual in both Arabic and English Language with a full and detailed explanation of the device and how to operate it.

### Dimensions & Weight

160 Cm x 70 Cm x 110 Cm

100 Kg