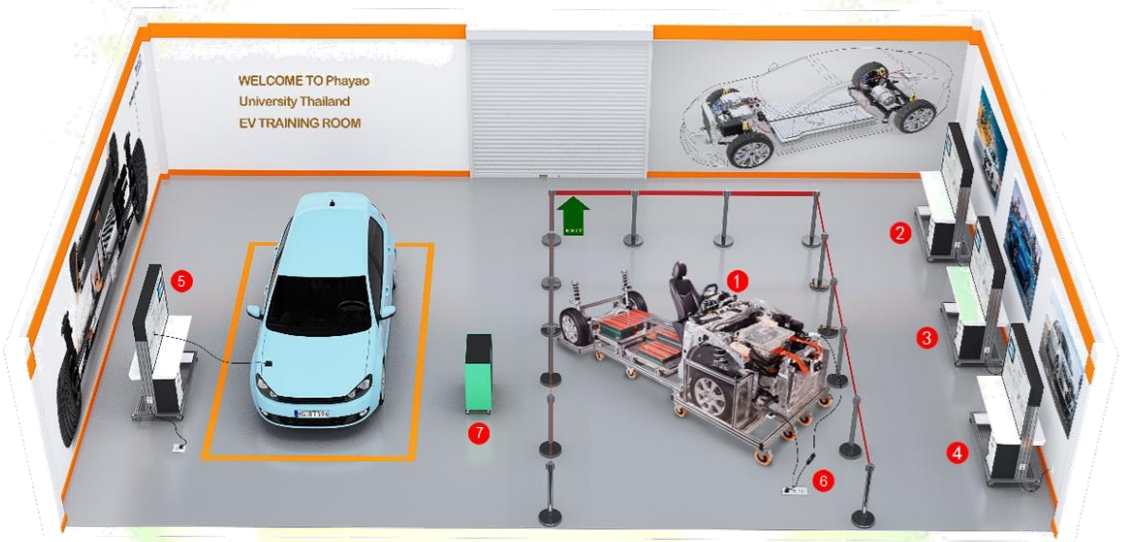
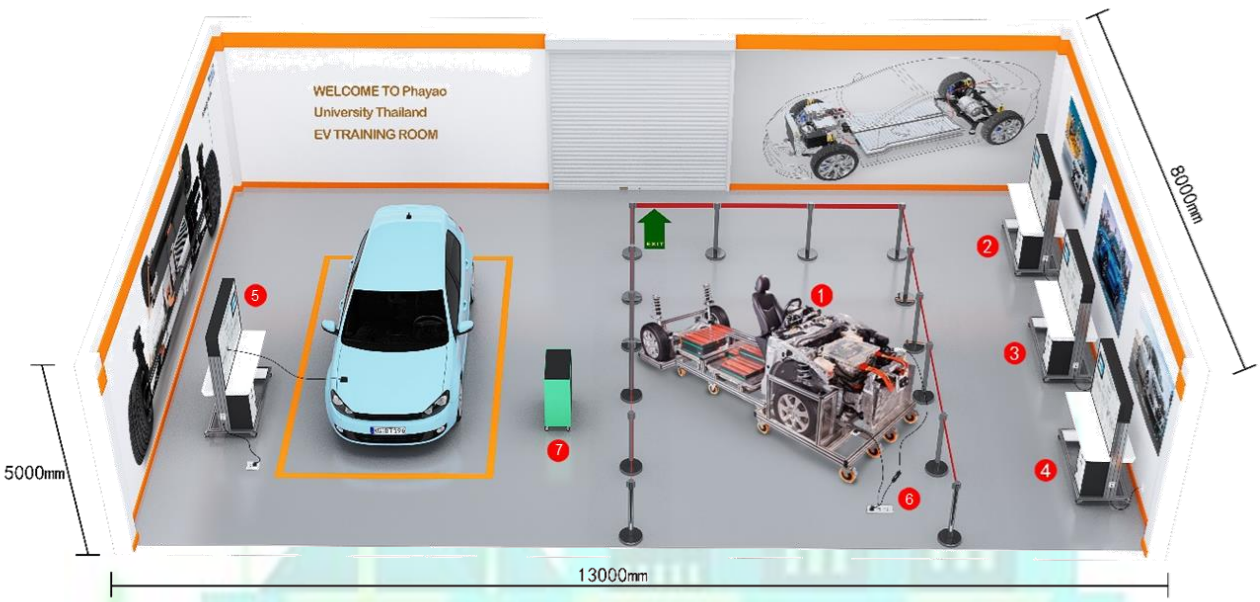
Overall Planning Plan for MG EZS



Overall Planning of the Training Room

MG EZS is equipped with the latest generation of sport-class high-performance motor of SAIC -- The first in the industry to adopt a hair-pin winding design, which can produce a superpower of 110kW maximum power and 350N·m peak torque, 0-50km/h acceleration of 2.8 seconds. Equipped with EDS intelligent electric drive system, VCU efficient intelligent electric control system, CATL high energy density anti-attenuation lithium battery, intelligent battery temperature control management system, etc., the battery can be charged to 80% power in 30 minutes with a 60km/h constant speed range of 428km. The longest constant speed range can reach 428 km; Power output up to 110kW, 0-50km/h acceleration only takes 3.1s; Power consumption for 100 km is as low as 13.8kW

Layouts and Drawings



Equipment list

1. Teaching and Training Platform of Electric Vehicle High Voltage Drive System	Model: ILA-MG-EZS
2. High Voltage Drive System Setting and Measuring Terminal	Model : ILA-MG-HVDS
3. ABS / EBD / EPS System Fault Measurement Terminal	Model: ILA-MG-ABS/EBD/EPS
4. Electric Air Conditioning System Setting and Measurement Terminal	Model: ILA-MG-EACS
5. Vehicle Body Electric Control System Setting and Measurement Terminal	Model: ILA-MG-VBEC
6. AC Charging Connection Device	Model: ILA-AC
7. High Voltage Safety Maintenance Tool Car	Model: ILA-MG-TS100

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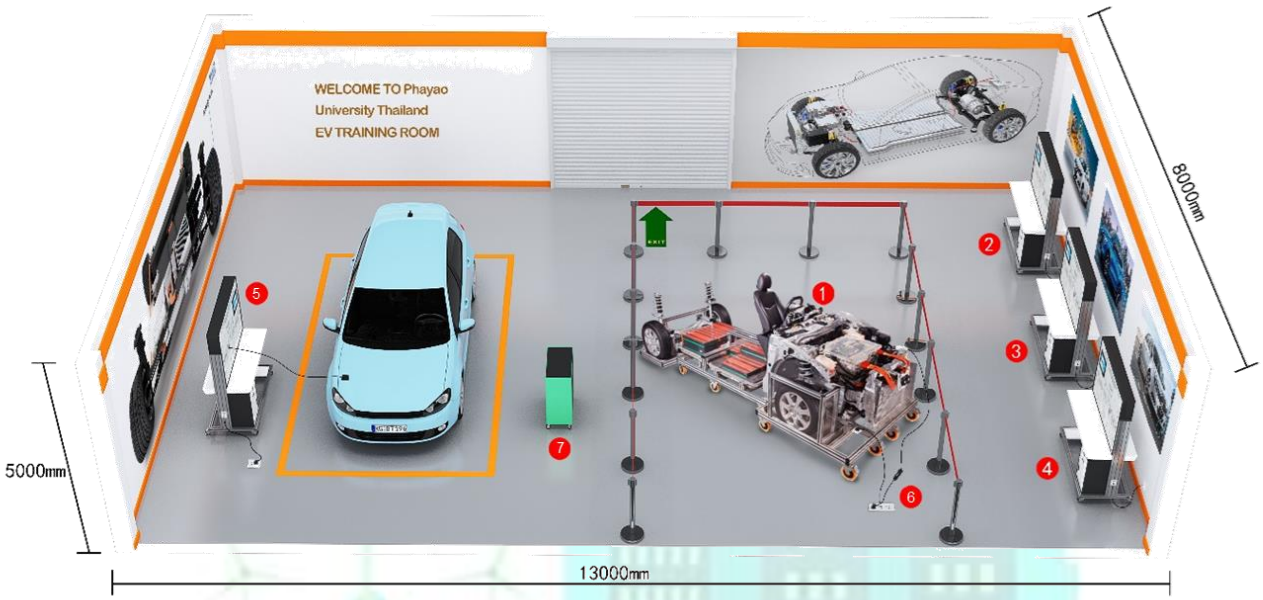
Training Centre Product List of Overall Planning Plan for MG EZS

Item	Product Name	Model	Quantity	
1	Teaching and Training Platform of Electric Vehicle High Voltage Drive System	ILA-MG-EZS	1	set
2	High Voltage Drive System Setting and Measuring Terminal	ILA-MG-HVDS	1	set
3	ABS / EBD / EPS System Fault Measurement Terminal	ILA-MG-ABS/EBD/EPS	1	set
4	Electric Air Conditioning System Setting and Measurement Terminal	ILA-MG-EACS	1	set
5	Vehicle Body Electric Control System Setting and Measurement Terminal	ILA-MG-VBEC	1	set
6	AC Charging Connection Device	ILA-AC	1	set
7	High Voltage Safety Maintenance Tool Car	ILA-MG-TS100	1	set



Equipment list

1. Teaching and Training Platform of Electric Vehicle High Voltage Drive System	Model: ILA-MG-EZS
2. High Voltage Drive System Setting and Measuring Terminal	Model : ILA-MG-HVDS
3. ABS / EBD / EPS System Fault Measurement Terminal	Model: ILA-MG-ABS/EBD/EPS
4. Electric Air Conditioning System Setting and Measurement Terminal	Model: ILA-MG-EACS
5. Vehicle Body Electric Control System Setting and Measurement Terminal	Model: ILA-MG-VBEC
6. AC Charging Connection Device	Model: ILA-AC
7. High Voltage Safety Maintenance Tool Car	Model: ILA-MG-TS100

Note:

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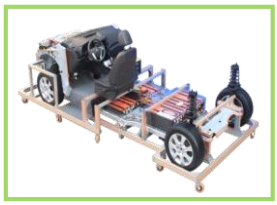
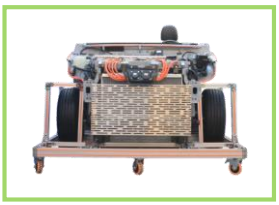
Overall Planning Plan for MG EZS

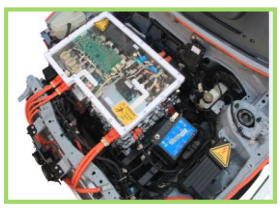
1. Teaching and Training Platform of Electric Vehicle High Voltage Drive System

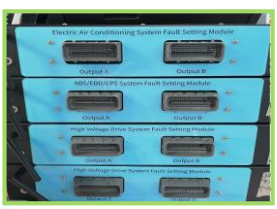
Model: ILA-MG-EZS

Brand: iLatest









Teaching Purpose:

- The power system of new energy electric vehicles takes the original power system as the core. The components are disassembled and installed on the supporting platform according to the logical arrangement of the original vehicle.
- The power system training platform retains the core components of the original power system, mainly including: Motor Module, Power Battery Module, Charging Module, Vehicle MCU Control Module, Transmission Module, and Steering Brake Module, Instrument Module, Steering Wheel, Driver Seat, etc., the whole system layout is reasonable, clearly reflect the layout of the original car.
- The core components of the power system are original vehicle components, and the control logic and position layout of the original vehicle is retained
- The integrated control module is installed on the power system training platform, which can simulate the data flow and signals of the original vehicle. The signal control module is arranged according to the signals of the original vehicle, and the pins are clearly defined, with no less than 30 control lines.
- Integrated control modules are grouped according to the system, and each group of control modules has input and output terminals. The input end is connected with the power drive system and the output is connected with the high voltage power drive fault setting and measuring terminal, the ABS fault setting and measuring terminal, and the air conditioning system fault setting and measuring terminal. The teaching of fault setting and elimination can be carried out without damaging the power system training platform.
- The training platform can truly demonstrate the normal working conditions of new energy pure electric vehicles, such as starting, accelerating, and braking. No less than 50 kinds of faults can be set through the intelligent fault module without damaging the original vehicle circuit. After troubleshooting, the whole power system can return to normal working condition.
- The line of the training platform is neatly installed, and the core components are labeled with acrylic labels and clearly marked, which is convenient for students to learn the components.
- The size and position of the training platform can be adjusted appropriately according to the training site. The size adjustment range is 4300-4800mm in length (±5%), 1800mm in width (±5%) and 1500mm in height(±5%).
- The design of the vehicle is beautiful, with LED light. When the power is started, the LED light will light up, which can not only serve as a reminder to start the vehicle but also attract students' attention and improve students' interest in learning.

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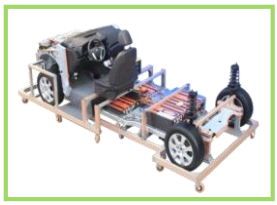
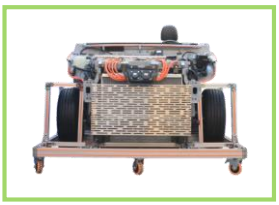
Overall Planning Plan for MG EZS

Function Features:

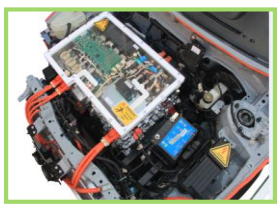
- The training platform maintains the core components of the original vehicle power system, and through in-depth dissection and reorganization, the power system components can be observed and learned from different perspectives
- The training platform is safe and reliable, and the power battery is protected by 10mm acrylic transparent protection. The battery pack is equipped with LED light strip that will light up when the vehicle starts. Students can visually observe the internal structure of the power pack, such as battery pack, battery manager, battery relay, battery signal collector, etc.
- High voltage electric control assembly MCU adopts 10mm transparent acrylic protective cover, students can visually observe the core components of MCU, such as VTOG, leakage manager, DC/DC, etc.
- The high-voltage safety parts of the vehicle are clearly marked. The high-voltage wires are wrapped with orange tape and equipped with an electric shock hazard identification plate to reduce the probability of safety accidents.
- The training platform can connect the decoder to read dynamic data streams and fault codes.
- The training platform is connected with the fault setting platform through the special connector to realize intelligent fault setting. Teachers can set various fault phenomena according to the teaching content. When students find out the cause of the fault, teachers can clear the fault on the intelligent fault setting terminal and the training platform resumes the normal working condition.





Training Contents That Can Be Realized:

- Cognition of common instrument fault warning lights
- Definition of pins of the power battery pack
- Cognition of power battery-package components and data reading, Data analysis.
- BMS component cognition, pin definition, and control logic of power battery management system
- Drive motor component structure learning
- Learning of driving motor working principle
- Drive motor data reading, data analysis, and troubleshooting
- Fault code reading and fault analysis
- Structure, function, common fault phenomena, and troubleshooting of power system related components.
- MCU control system components learning, pin definition, data and fault code reading
- MCU control logic
- Recognition of charging system components
- Definition of charging system pins
- Working principle of the charging system
- Charging system data reading, data analysis, fault analysis, and troubleshooting.
- Component and working principle of the electric air conditioning system



Product Specification:

- Overall Size (Length*Width*Height) : 4600*1800*1500mm (±5%)
- Weight: about 1000kg(±5%)
- Power Supply: 220V/AC/50HZ
- The overall equipment is mounted on an aluminum bench. The bench is made of 40*40 and 40*80 high-quality aluminum profiles, which are waterproof, oil-proof, and rust-proof. Equipped with 4 universal wheels at the bottom, it can be moved easily. Orange, yellow, blue, or black color decoration strip can choose to put on aluminum profile, make it a more beautiful, generous view. It can support 500KGS.
- Intelligent integrated control plate connection harness is not less than FOUR pieces, the length of not less than 4.6 meters

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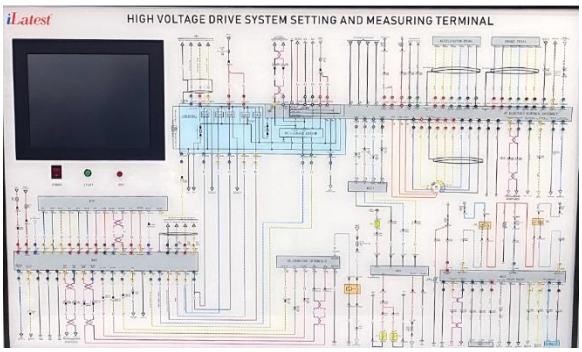
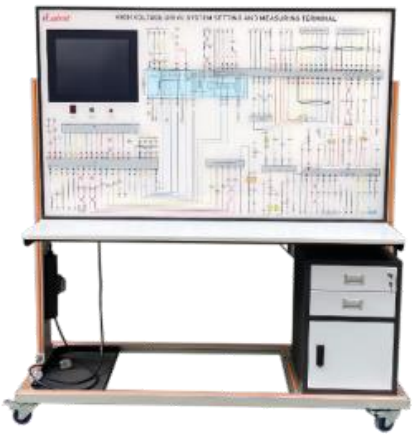
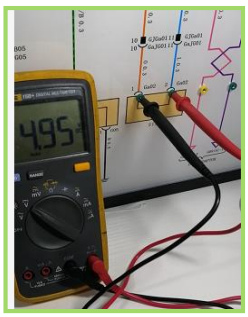
2. High Voltage Drive System Setting and Measuring Terminal
Model : ILA-MG-HVDS
Brand : iLatest





Teaching Purpose:
- The fault measuring terminal of the high voltage drive system is matched with the MG-EZS power system training platform. The measuring terminal has the function of signal measurement.
- It can be connected with the high voltage power drive system through the special vehicle connector and set more than 80 faults for students to detect and to meet the training and teaching of fault diagnosis of new energy pure electric vehicle power system



Product Features:
- The measuring terminal is connected with the whole vehicle by the special harness. The plug and harness are for automotive usage.
- Through the special wiring harness, the relevant signal wiring harness of each control unit is connected to the on-board controller to meet the function of data diagnosis and dynamic data stream reading in the process of training and teaching.
- The detection panel adopts 4mm-thick corrosion-resistant, impact-resistant, pollution-resistant, fire-resistant, and moisture-proof high-grade acrylic panels, and the panel is printed with a color circuit diagram that will never fade and a schematic diagram of the working principle; students can intuitively compare schematic diagrams and physical objects of the electric vehicle brake system, understanding and analyzing the working principle of the electric vehicle power electronic components.
- The detection terminal is consistent with the original vehicle, which can monitor and diagnose the dynamic parameters, static parameters, and signals of the vehicle power system in real-time.
- It can co-work with the high-voltage driver system training platform, various fault modes can be set.
- The wires are arranged neatly, and each wire harness is coded with the same code as the original car. Easy to learn and maintain。
- The measuring terminal adopts an independent modular design, disconnected without affecting the operation function of the vehicle. The system is integrated with intelligent fault setting, the pin definition is consistent with the original car, each line is marked, if the line is damaged during the training process, it can be directly replaced.
- The device has a 15-inch touch screen with sensitive tactile sense.
- The teacher can log in to the fault setting system on the display screen to set the fault. The system has a password lock function, can not change the password at will, can prevent teachers or students to change the password but forgetting the password later, which may cause trouble logging in.
- The equipment is connected with a universal power supply of 220V, with a leakage protection switch. Through the converter, the 220V voltage into 12V low voltage, convenient, safe and reliable
- The support structure of the terminal is made of 40*40 mm and 40*80mm high-quality aluminum profiles, which are waterproof, oil-proof, and rust-proof. It is equipped with 4 universal wheels at the bottom and can be moved easily. Orange, yellow, blue, or black color decoration strips can choose to put on an aluminum profile, make it more beautiful, generous in appearance that will increase the student's interest in learning.
- The equipment is equipped with 3 toolboxes, which are made of high-quality aluminum alloy and steel, and the surface is treated with oil and rust prevention. The toolbox has a reasonable size. One small drawer can hold training work order, maintenance manual, and other learning materials, and one drawer can hold testing instruments and tools. The large drawer at the bottom can place large detection tools or high-pressure protective suits, convenient for practical training.

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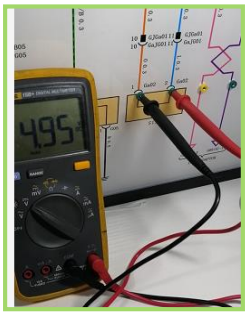
Overall Planning Plan for MG EZS

Training Contents:

- It can carry out Power Supply Detection of the control unit of the High-voltage Electronic Control Box
- High-Voltage Interlocking Detection of High-Voltage Electronic Control Box
- Leakage Sensor Signal Detection
- Measurement, Accelerator Pedal Signal Detection
- Brake Pedal Signal Detection
- Charging Signal Detection
- Can Power Gateway Detection
- Charging Control Signal Detection
- Charging Gun Temperature Detection
- Main Controller Voltage Power Supply Detection
- High-Voltage Module Pump Detection
- Radiator Fan Control System Detection
- Water Temperature Control Signal Detection
- Main Controller Can Power Grid
- Power Battery Manager Power Supply Detection
- Battery Manager Contactor Control Signal Detection
- Battery Subnet Can Detection
- Battery Manager High-Voltage Interlock Detection
- Power Grid Can Detection, Power Grid Can Detection, Etc.
- Charging Network Can Detection
- Charging Contactor Control Signal Detection
- Main Contactor Control Signal Detection
- AC Charging Control Signal Detection
- Current Hall Sensor Signal Detection
- Leakage Signal Detection
- Charging Port Temperature Signal Detection and other detection and training functions



Product Specification:

- Bench Size(Length*Width*Height): 1500mm * 600mm * 1700mm (±5%)
- Overall size of tool box: 350 * 400 * 500mm(±5%)
- Small drawer 350 * 100 * 350mm(±5%)
- Large drawer 350 * 280 * 350mm(±5%)
- Drawer depth: 350mm(±5%)
- Power Supply Type: 220V AC
- Working Temperature: -35 ~45 ~C,
- Equipment Weight: about 50KG

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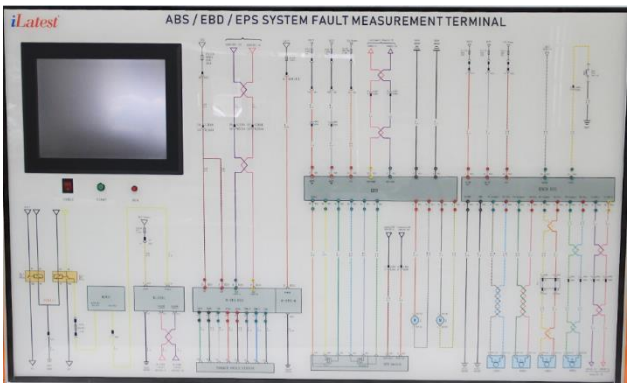
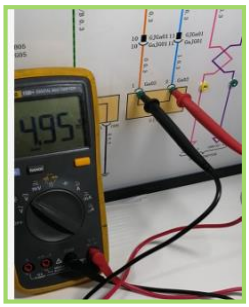
3. ABS / EBD / EPS System Fault Measurement Terminal
Model: ILA-MG-ABS/EBD/EPS
Brand: iLatest



Teaching Purpose:

- The fault measuring terminal of the high voltage drive system is matched with the MG-EZS power system training platform. The measuring terminal has the function of signal measurement.
- It can be connected with the vehicle through the special vehicle connector to meet the training and teaching of fault diagnosis of new energy pure electric vehicle power system on the ABS/EBD/EPS system. More than 25 faults of the ABS/EBD/EPS system can be set on the terminal.



Product Features:

- The measuring terminal is connected with the whole vehicle by the special harness. The plug and harness are for automotive usage.
- Through the special wiring harness, the relevant signal wiring harness of each control unit is connected to the on-board controller to meet the function of data diagnosis and dynamic data stream reading in the process of training and teaching.
- The detection panel adopts 4mm-thick corrosion-resistant, impact-resistant, pollution-resistant, fire-resistant, and moisture-proof high-grade acrylic panels, and the panel is printed with a color circuit diagram that will never fade and a schematic diagram of the working principle; students can intuitively compare schematic diagrams and physical objects of the electric vehicle brake system on the electric vehicle power drive system, understanding and analyzing the working principle of ABS system and EPS system.
- The detection g terminal is consistent with the original vehicle, which can monitor and diagnose the dynamic parameters, static parameters, and signals of the ABS/EBD/EPS system in real-time.
- It can co-work with the high-voltage driver system training platform, various fault modes can be set.
- The wires are arranged neatly, and each wire harness is coded with the same code number as the original car. Easy to learn and maintain。
- The measuring terminal adopts an independent modular design, disconnected without affecting the operation function of the power drive system. The system is integrated with intelligent fault setting, the pin definition is consistent with the original car, each line is marked, if the line is damaged during the training process, it can be directly replaced.
- The device has a 15-inch touch screen. The teacher can log in to the fault setting system on the display screen to set the faults. The system has a password lock function, can not change the password at will, can prevent teachers or students to change the password but forgetting the password later, which may cause trouble logging in.
- The equipment is connected with a universal power supply of 220V, with a leakage protection switch. Through the converter, the 220V voltage into 12V low voltage, convenient, safe and reliable
- The support structure of the terminal is made of 40*40 mm and 40*80mm high-quality aluminum profiles, which are waterproof, oil-proof, and rust-proof. It is equipped with 4 universal wheels at the bottom and can be moved easily. Orange, yellow, blue, or black color decoration strips can choose to put on an aluminum profile, make it more beautiful, generous in appearance that will increase the student's interest in learning.
- The equipment is equipped with 3 toolboxes, which are made of high-quality aluminum alloy and steel, and the surface is treated with oil and rust prevention. The toolbox has a reasonable size. One small drawer can hold training work order, maintenance manual, and other learning materials, and one drawer can hold testing instruments and tools. The large drawer at the bottom can place large detection tools or high-pressure protective suits, convenient for practical training.

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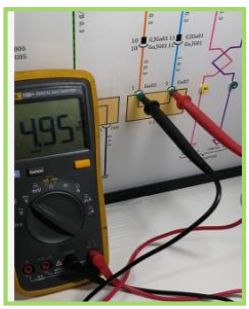
Overall Planning Plan for MG EZS

Training Contents:

- It can carry detection on the ABS/EBD/EPS related signals such as:
- Right Parking Motor Driving Signal
- Left Parking Motor Driving Signal
- Left Parking Motor Driving Signal
- ESC CAN Signal
- Torque Master Signal
- Steering S Signal Steering
- P Signal Torque Auxiliary Signal
- ABS Pump Power
- Right Front Wheel Speed Sensor Signal
- Left Front Wheel Speed Sensor Signal
- Clutch Switch Signal
- Right Front Wheel Speed Sensor Signal
- Left Rear Wheel Speed Sensor
- Left Rear Wheel Speed Sensor Signal
- Left Front Wheel Speed Sensor Power
- ESP ECU Power
- Right Rear Wheel Speed Sensor Signal
- Brake Switch Signal
- Left Rear Speed Sensor



Product Specification:

- Bench Size(Length*Width*Height): 1500mm * 600mm * 1700mm (±5%)
- Overall size of tool box: 350 * 380 * 500mm(±5%)
- Small drawer 350 * 100 * 350mm(±5%)
- Large drawer 350 * 280 * 350mm(±5%)
- Drawer depth: 350mm(±5%)
- Power Supply Type: 220V AC
- Working Temperature: -35 ~45 ~C,
- Equipment Weight: about 50kg

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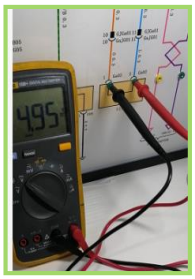
4. Electric Air Conditioning System Setting and Measurement Terminal
Model: ILA-MG-EACS
Brand: iLatest



Teaching Purpose:

- The fault measuring terminal of the high voltage drive system is matched with the MG-EZS power system training platform. The measuring terminal has the function of signal measurement.
- It can be connected with the vehicle through the special vehicle connector to meet the training and teaching of fault diagnosis of new energy pure electric vehicle power system on the electric air conditioning system. More than 20 faults of the AC system can be set on the terminal.

Product Features:

- The measuring terminal is connected with the whole vehicle by the special harness. The plug and harness are for automotive usage.
- Through the special wiring harness, the relevant signal wiring harness of each control unit is connected to the on-board controller to meet the function of data diagnosis and dynamic data stream reading in the process of training and teaching.
- The detection panel adopts 4mm-thick corrosion-resistant, impact-resistant, pollution-resistant, fire-resistant, and moisture-proof high-grade acrylic panels, and the panel is printed with a color circuit diagram that will never fade and a schematic diagram of the working principle; students can intuitively compare schematic diagrams and physical objects of the electric vehicle electric air conditioning system on the electric vehicle power drive system, understanding and analyzing the working principle of AC system.
- The detection g terminal is consistent with the original vehicle, which can monitor and diagnose the dynamic parameters, static parameters, and signals of the electric AC system in real-time.
- It can co-work with the high-voltage driver system training platform, various fault modes can be set.
- The wires are arranged neatly, and each wire harness is coded with the same code number as the original car. Easy to learn and maintain。
- The measuring terminal adopts an independent modular design, disconnected without affecting the operation function of the power drive system. The system is integrated with intelligent fault setting, the pin definition is consistent with the original car, each line is marked, if the line is damaged during the training process, it can be directly replaced.
- The device has a 15-inch touch screen with sensitive tactile sense. The teacher can log in to the fault setting system on the display screen to set the fault. The system has a password lock function, can not change the password at will, can prevent teachers or students to change the password but forgetting the password later, which may cause trouble logging in.
- The equipment is connected with a universal power supply of 220V, with a leakage protection switch. Through the converter, the 220V voltage into 12V low voltage, convenient, safe and reliable
- The support structure of the terminal is made of 40*40 mm and 40*80mm high-quality aluminum profiles, which are waterproof, oil-proof, and rust-proof. It is equipped with 4 universal wheels at the bottom and can be moved easily. Orange, yellow, blue, or black color decoration strips can choose to put on an aluminum profile, make it more beautiful, generous in appearance that will increase the student's interest in learning.
- The equipment is equipped with 3 toolboxes, which are made of high-quality aluminum alloy and steel, and the surface is treated with oil and rust prevention. The toolbox has a reasonable size. One small drawer can hold training work order, maintenance manual, and other learning materials, and one drawer can hold testing instruments and tools. The large drawer at the bottom can place large detection tools or high-pressure protective suits, convenient for practical training.

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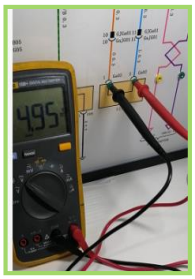
Overall Planning Plan for MG EZS



Training Contents:

- It can carry out detection on the AC system such as:
- AC Water Pump Relay Control Signal
- Blower Relay Control Signal
- Pressure Sensor +5V Power
- Wind Mode Sensor 5V
- Power Heating & Cooling Circulating Sensor 5V power
- Heating & Cooling Circulating Motor –
- Wind Mode Motor
- Electronic Expansion Valve Control
- In & Ex Air Circulating Motor
- Electronic Expansion Valve Control A
- Heating & Cooling Circulating Motor +
- Wind Mode Motor –
- In &Ex Air Circulating Sensor
- Electronic Expansion Valve Control B
- In & Ex Air Circulating Motor- Electronic Expansion Valve Control A
- Sunlight Intensity Sensor
- AC Blower Feedback Comfort System
- CAN-H Comfort System
- Temperature Sensor Signal Pressure Sensor Signal Collector
- Exterior Temperature Sensor Driver
- Foot Space Air Outlet Temperature Sensor
- Interior Temperature Sensor
- Front Evaporator Temperature Sensor
- Blower Speed Signal
- AC Subnet CAN-H
- Pressure Temperature Sensor Signal
- Driver Face Space Air Outlet Temperature Sensor
- Sun Intensity Sensor Pressure Temperature Sensor
- Heating & Cooling Circulating Motor Feedback Signal
- In & Ex Air Circulating Motor Feedback Signal
- Wind Mode Motor Feedback Signal

Product Specification:

- Bench Size(Length*Width*Height): 1500mm * 600mm * 1700mm (±5%)
- Overall size of tool box: 350 * 400 * 500mm(±5%)
- Small drawer 350 * 100 * 350mm(±5%)
- Large drawer 350 * 280 * 350mm(±5%)
- Drawer depth: 350mm(±5%)
- Power Supply Type: 220V AC
- Working Temperature: -35 ~45 ~C,
- Equipment Weight: about 50KG

Note:

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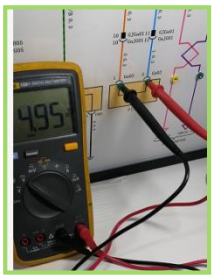
Overall Planning Plan for MG EZS

5. Vehicle Body Electric Control System Setting and Measurement Terminal
Model: ILA-MG-VBEC
Brand: ilatest



Teaching Purpose:

- The MG new energy vehicle body electric control system training platform, with the original car components as the core, mainly includes the lighting system and the central lock control system, installed on the aluminum alloy bench, making the complex body electrical system into a simple and intuitive presentation. Through integrated intelligent control, the training platform has the function of fault setting and measurement, which can meet the training and teaching of fault diagnosis of the electric control system of the car body.

Product Features:

- The signal control of the original electric control system is simulated by the intelligent integrated control plate, and the signal is consistent with the original vehicle control strategy.
- The detection panel adopts 4mm-thick corrosion-resistant, impact-resistant, pollution-resistant, fire-resistant, and moisture-proof high-grade acrylic panels, and the panel is printed with a color circuit diagram that will never fade and a schematic diagram of the working principle; students can intuitively compare schematic diagrams and physical objects of the electric vehicle electric control system, understanding and analyzing the working principle of the lighting system, door lock system, etc.
- The detection g terminal is consistent with the original vehicle, which can monitor and diagnose the dynamic parameters, static parameters, and signals of the vehicle body electric control system in real-time.
- Through the intelligent control integrated chip control, teachers can set a variety of faults on the electric control system.
- The wires of the control module are arranged neatly, and each wire harness is coded with the same code number as the original car. Easy to learn and maintain。
- The measuring terminal adopts an independent modular design, The system is integrated with an intelligent fault setting, the pin definition is consistent with the original car, each line is marked, if the line is damaged during the training process, it can be directly replaced.
- The device has a 15-inch touch screen with sensitive tactile sense. The teacher can log in to the fault setting system on the display screen to set the fault. The system has a password lock function, can not change the password at will, can prevent teachers or students to change the password but forgetting the password later, which may cause trouble logging in.
- The equipment is connected with a universal power supply of 220V, with a leakage protection switch. Through the converter, the 220V voltage into 12V low voltage, convenient, safe and reliable
- The support structure of the terminal is made of 40*40 mm and 40*80mm high-quality aluminum profiles, which are waterproof, oil-proof, and rust-proof. It is equipped with 4 universal wheels at the bottom and can be moved easily. Orange, yellow, blue, or black color decoration strips can choose to put on an aluminum profile, make it more beautiful, generous in appearance that will increase the student's interest in learning.
- The equipment is equipped with 3 toolboxes, which are made of high-quality aluminum alloy and steel, and the surface is treated with oil and rust prevention. The toolbox has a reasonable size. One small drawer can hold training work order, maintenance manual, and other learning materials, and one drawer can hold testing instruments and tools. The large drawer at the bottom can place large detection tools or high-pressure protective suits, convenient for practical training.

Overall Planning Plan for MG EZS

Training Contents:

- It can carry out detection on the vehicle body electric control system such as :
- Headlight Signal
- BATT ON Power
- Door Lock General Switch Lock Signal
- Door Lock General Switch Unlock Signal
- Door Lock General Switch GND
- Right Front Door Unlock Power
- Right Front Door Lock Power
- Right Rear Door Unlock Power
- Right Rear Door Lock Power Left Rear Door Unlock Power
- Left Rear Door Lock Power Left Front Door Unlock Power
- Left Front Door Lock Power Rear Fog Light Power
- Left Steering Signal Control
- Right Steering Signal Control
- Rear Fog Light
- Door Lock Motor
- Power 12V
- Flashlight Relay Power
- Left Front Steering Light
- Left Rear Steering Light
- Right Rear Steering Light
- Right Front Steering Light
- Left Front Position Light
- Right Front Position
- Light Left Rear Position
- Light Left License Plate Lamp
- Dipped-Light Relay Control
- High Beam Relay Control
- Dipped-Light Relay Output
- High Beam Relay Output
- Left Dipped Light Power
- Right Dipped Light Power
- Right High Beam Power
- Right High Beam Power
- Front Fog Lamp Relay Control
- Right Front Fog Light Power
- Left Front Fog Light Powered
- Front Fog Light Relay Power
- ON Power BATT
- Electric Window Relay Control
- Electric Window Relay Output
- Right Rear Window Lifting Power Left Rear Window Lifting Power
- Right Front Door Lifting Power Left Front Door Rising Power (UP+)
- Left Front Door Down Power (DN+)
- Right Front Door Switch Signal (DN)
- Right Front Door Switch Signal (UP)
- Left Rear Door Switch Signal (DN)
- Rear Door Switch Signal (UP)

Product Specification:

- Bench Size(Length*Width*Height): 1500mm * 600mm * 1700mm (±5%)
- Overall size of tool box: 350 * 400 * 500mm(±5%)
- Small drawer 350 * 100 * 350mm(±5%)
- Large drawer 350 * 280 * 350mm(±5%)
- Drawer depth: 350mm(±5%)
- Power Supply Type: 220V AC
- Working Temperature: -35 ~45 ~C,
- Equipment Weight: about 50KG

Note:

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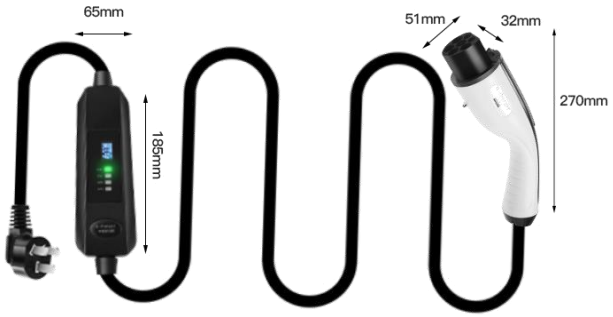
Overall Planning Plan for MG EZS

6. AC Charging Connection Device
Model: ILA-AC
Brand: iLatest



Teaching Purposes:
- It is a product used in teaching and learning and can be charged with electric vehicle.

Plug And Charge, Two Steps In Place:
- Plug-in 16A air conditioner socket (2.5m2 pure copper power cord is required)
- Insert the charging gun into the car charging socket to start charging
- The gift converter can only be used for emergency use. If it is charged for a long time, it needs 16A special socket for air conditioner

Temperature:

Above 65 ° C
- The controller automatically reduces the charging current

Up to 85 ° C
- The controller automatically cuts off the car charging

Down 65 ° C
- The controller automatically recovers the vehicle charging

Worry-free Charging Anytime And Anywhere:
- You can charge your car safely, and always escort the safe charging

Over-temperature Protection Charging:
- Intelligent real-time monitoring, and according to the equipment temperature
- Protect the charging process, specifically prevent charging
- Potential safety hazard caused by overheating in the process

Product Specification:
- Conductive pin: Silver plating on copper alloy
- Rated current: 16A
- Rated voltage: 250V AC
- Length: 10 Meter
- Wire specification: 3 * 2.5mm² + 1 * 0.75mm²
- Three plug ends: 3 * 2.5mm²
- Product Name: portable charging gun
- Number of sockets: national standard 7 holes
- Rated power: ≤ 3.5kw
- Waterproof : IP55

Note:
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Overall Planning Plan for MG EZS

7. High Voltage Safety Maintenance Tool Car
Model: ILA-MG-TS100
Brand: ilatest

Teaching Purposes:

- It is equipped with a seven-layer drawer-type tool car, aluminum alloy edge covering, anti-impact, anti-deformation.
- Size(Length*Width*Height): 770mm* 550mm* 950mm;
- All insulating tools can withstand 1000V and conform to IEC 60900:2004;
- It contains 59 insulating tools and is equipped with four layers of EVA cushion to ensure that the tools are neatly placed and easy to use;
- List of tool configuration

Serial number name specification quantity

No.	Name	specification	Quantity	No.	Name	specification	Quantity
1	12.5mm series 6-point socket	8mm	1	51	6.3mm series hex bit socket	4mm	1
2	12.5mm series 6-point socket	9mm	1	52	6.3mm series hex bit socket	5mm	1
3	12.5mm series 6-point socket	10mm	1	53	6.3mm series hex bit socket	6mm	1
4	12.5mm series 6-point socket	11mm	1	54	Opening wrench	6mm	1
5	12.5mm series 6-point socket	12mm	1	55	Opening wrench	7mm	1
6	12.5mm series 6-point socket	13mm	1	56	Opening wrench	8mm	1
7	12.5mm series 6-point socket	14mm	1	57	Opening wrench	9mm	1
8	12.5mm series 6-point socket	15mm	1	58	Start wrench	10mm	1
9	12.5mm series 6-point socket	16mm	1	59	Start wrench	11mm	1
10	12.5mm series 6-point socket	17mm	1	60	Start wrench	12mm	1
11	12.5mm series 6-point socket	18mm	1	61	Start wrench	13mm	1
12	12.5mm series 6-point socket	19mm	1	62	Opening wrench	14mm	1
13	12.5mm series 6-point socket	20mm	1	63	Opening wrench	15mm	1
14	12.5mm series 6-point socket	21mm	1	64	Start wrench	16mm	1
15	12.5mm series 6-point socket	22mm	1	65	Opening wrench	17mm	1
16	12.5mm series 6-point socket	23mm	1	66	Opening wrench	18mm	1
17	12.5mm series 6-point socket	24mm	1	67	Opening wrench	19mm	1
18	12.5mm series fast ratchet wrench	10"	1	68	Wrenches	6mm	1
19	12.5mm series steering rod	5"	1	69	Wrenches	7mm	1
20	12.5mm series adapter	1/2 turn 3/8	1	70	Wrenches	8mm	1
21	10mm series 6-point socket	8mm	1	71	Wrenches	9mm	1
22	10mm series 6-point socket	9mm	1	72	Wrenches	10mm	1
23	10mm series 6-point socket	10mm	1	73	Wrenches	11mm	1
24	10mm series 6-point socket	11mm	1	74	Wrenches	12mm	1
25	10mm series 6-point socket	12mm	1	75	Wrenches	13mm	1
26	10mm series 6-point socket	13mm	1	76	Wrenches	14mm	1
27	10mm series 6-point socket	14mm	1	77	Wrenches	15mm	1
28	10mm series 6-point socket	15mm	1	78	Wrenches	16mm	1
29	10mm series 6-point socket	16mm	1	79	Wrenches	17mm	1
30	10mm series 6-point socket	17mm	1	80	Wrenches	18mm	1
31	10mm series fast ratchet wrench	8"	1	81	Wrenches	19mm	1
32	10mm series steering rod	6"	1	82	adjustable wrench	10"	1
33	10mm series flower-shaped screwdriver socket	T10	1	83	12.5mm series T-bar	200mm	1
34	10mm series flower-shaped screwdriver socket	T15	1	84	10mm series T-bar	200mm	1
35	10mm series flower-shaped screwdriver socket	T20	1	85	Slotted screwdriver	2.5*75mm	1
36	10mm series flower-shaped screwdriver socket	T25	1	86	Slotted screwdriver	3*100mm	1
37	10mm series adapter	3/8 turn 1/4	1	87	Slotted screwdriver	4*100mm	1
38	6.3mm series fast ratchet wrench	6"	1	88	Slotted screwdriver	6.5*150mm	1
39	6.3mm series steering rod	4"	1	89	Phillips screwdriver	0#X60	1
40	6.3mm series hexagon socket	5mm	1	90	Phillips screwdriver	#1X80	1
41	6.3mm series hexagon socket	6mm	1	91	Phillips screwdriver	#2X100	1
42	6.3mm series hexagon socket	7mm	1	92	Phillips screwdriver	#3X150	1
43	6.3mm series hexagon socket	8mm	1	93	Insulated pressure-resistant needle-nose pliers	6"	1
44	6.3mm series hexagon socket	9mm	1				
45	6.3mm series hexagon socket	10mm	1	94	Insulated Diagonal Pliers	6"	1
46	6.3mm series hexagon socket	11mm	1	95	Insulated pressure wire cutters	8"	1
47	6.3mm series hexagon socket	12mm	1	96	Insulation withstand voltage stripper	6"	1
48	6.3mm series hexagon socket	13mm	1	97	Insulating and resistant piezoelectric knife	7"	1
49	6.3mm series hexagon socket	14mm	1	98	Insulated voltage cable clamp	8"	1
50	6.3mm series hex bit socket	3mm	1	99	Insulated pressure water pump pliers	10"	1
				100	Seven-layer tool cart	NS-7A	1

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