

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) What are the precautions that service technicians should adhere to when servicing hybrid electric vehicles?

2) What actions are needed to disable the high-voltage (HV) circuit?

3) What are the recommended items that should be used when working with the high-voltage circuits of a hybrid electric vehicle?

Answer Key

Testname: AAEE_SHORT28

1) The service technician can perform routine service without having to disable the high-voltage circuits. However, if service work is to be performed on a system or component that has high voltage, follow the specified de-powering procedures before service work starts and wear protective high-voltage linesman's gloves.

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2) The actions needed to disable the high-voltage circuits vary according to the exact make and model of vehicle, but usually include:

- a. Turn the ignition off and remove the key
- b. Disconnect the 12-volt auxiliary battery
- c. Remove high-voltage control fuses or high-voltage service plug

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3) Most hybrid electric vehicle manufacturers recommend the wearing of high-voltage (1,000 volts) linesman's gloves with protective leather gloves over them. Some vehicle manufacturers recommend wearing a face shield.

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