

NEIEP INSTALLING AND SERVICING JACKS (805) PRACTICE TEST (SAMPLE)

STUDY GUIDE



**SAMPLE STUDY GUIDE
WITH LIMITED QUESTIONS**

**VISIT US ONLINE FOR
THE FULL VERSION STUDY GUIDE**

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

Questions

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- 1. Why is it important to evenly distribute load when using multiple jacks?**
 - A. To enhance the appearance of the jacks
 - B. To prevent stress and potential tipping
 - C. To allow for quicker lifting
 - D. To reduce the overall weight
- 2. What is used to keep the hole cleaned out during drilling?**
 - A. Shovel
 - B. Bailer
 - C. Vacuum
 - D. Pump
- 3. What should be done with the rock or soil waste after drilling a hole?**
 - A. It should be buried on site
 - B. It should be removed from the job site
 - C. It should be recycled
 - D. It can remain next to the hole
- 4. What is a potential consequence of not using a jack stand after elevating a vehicle?**
 - A. The vehicle may be securely held in place
 - B. The hydraulic system may malfunction
 - C. The vehicle could fall, posing serious risk
 - D. The jack will wear out faster
- 5. What is the primary concern during any repair process?**
 - A. Efficiency
 - B. Safety
 - C. Quality
 - D. Cost-effectiveness
- 6. Proper alignment during assembly is crucial to avoid which issue?**
 - A. Misalignment
 - B. Wear and tear
 - C. Corrosion
 - D. Overheating

- 7. How should scaffolds be treated during installation and operation?**
- A. Inexpensively Constructed
 - B. Improvised Regularly
 - C. Properly Constructed and Maintained
 - D. Occasionally Inspected
- 8. Which factor can improve the safety of using a jack?**
- A. Using it in poorly lit areas
 - B. Ensuring the jack is on a secure surface
 - C. Using a jack of a different brand
 - D. Leaving the vehicle in gear
- 9. What term describes the material that is found in the stuffing box of a hydraulic jack?**
- A. Guide
 - B. Seal
 - C. Packing
 - D. Lubricant
- 10. What is a critical step after using a jack?**
- A. Leave the jack in place for quick access
 - B. Always lower the vehicle completely and store the jack properly
 - C. Check the jack for wear and tear
 - D. Use the jack for another vehicle immediately

Answers

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1. B
2. B
3. B
4. C
5. B
6. A
7. C
8. B
9. C
10. B

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Explanations

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1. Why is it important to evenly distribute load when using multiple jacks?

- A. To enhance the appearance of the jacks
- B. To prevent stress and potential tipping**
- C. To allow for quicker lifting
- D. To reduce the overall weight

Evenly distributing the load when using multiple jacks is crucial for maintaining stability and safety during lifting operations. When the load is not evenly distributed, one jack may bear a greater share of the load, leading to increased stress on that jack. This can create an imbalance, making equipment more susceptible to tipping or collapsing. Such instability poses risks not only to the integrity of the load being lifted but also to the safety of personnel nearby. In contrast, enhancing appearance, allowing for quicker lifting, or reducing overall weight do not directly address the fundamental safety and operational concerns associated with uneven load distribution. Ensuring a balanced load helps maintain control and minimizes the risk of accidents or equipment failure.

2. What is used to keep the hole cleaned out during drilling?

- A. Shovel
- B. Bailer**
- C. Vacuum
- D. Pump

The method used to keep the hole cleaned out during drilling involves the use of a bailer. A bailer is a device specifically designed for the removal of slurries, cuttings, or other debris from the drilled hole. It works by utilizing a tubular structure that allows material to be collected and lifted from the bottom of the well or hole, ensuring that the drilling process is not impeded by accumulated waste. This continuous removal of debris is essential for maintaining an efficient drilling operation and protecting the integrity of the hole. Using a shovel, vacuum, or pump may not be as effective or appropriate for this specific function in the context of drilling operations. A shovel would be impractical for removing material from deep holes, a vacuum may struggle to handle the types of material typically found in drilled holes, and while a pump can remove liquids, it is not designed for the removal of solid debris, which is essential during the drilling process. Therefore, the bailer is the most suitable and effective tool for keeping the drill hole clear of obstructions.

3. What should be done with the rock or soil waste after drilling a hole?

- A. It should be buried on site
- B. It should be removed from the job site**
- C. It should be recycled
- D. It can remain next to the hole

Proper handling of rock or soil waste after drilling a hole is crucial for environmental and safety reasons. The correct approach is to remove the waste from the job site. This helps to maintain a clean and safe working environment, preventing potential hazards that could arise from leaving debris around. Additionally, removing the waste minimizes the risk of soil contamination and keeps the area tidy for future work and any necessary inspections. While there might be options that seem viable, such as recycling or burying the waste, these usually do not align with standard safety and environmental practices. For instance, recycling may not always be applicable depending on the type of material, and burying waste on-site can lead to environmental issues and is generally not permitted under most regulations. Leaving the waste next to the hole presents similar hazards, as it could obstruct pathways or lead to accidents. Removing the waste not only adheres to best practices but also complies with regulatory standards for construction and drilling sites.

4. What is a potential consequence of not using a jack stand after elevating a vehicle?

- A. The vehicle may be securely held in place
- B. The hydraulic system may malfunction
- C. The vehicle could fall, posing serious risk**
- D. The jack will wear out faster

Using a jack without a jack stand after elevating a vehicle poses a significant safety threat, as the vehicle could unexpectedly fall. Jacks are designed to lift and hold a vehicle temporarily, but they are not meant to be the primary support for an extended period. If a jack were to fail or lose pressure, whether due to a mechanical issue or an imbalance in the load, the vehicle could come crashing down suddenly. This scenario presents a serious risk of injury to anyone working underneath or near the vehicle. Considering other options, while a secure hold is desired, relying only on a jack does not provide that assurance. Hydraulic failures are a concern, but the immediate danger is more related to the failure of mechanical support. Additionally, even though jacks can experience wear, the focus on safety when working with lifted vehicles emphasizes the essential use of jack stands as a precautionary measure. Hence, the correct response highlights the critical importance of safety in vehicle maintenance.

5. What is the primary concern during any repair process?

- A. Efficiency
- B. Safety**
- C. Quality
- D. Cost-effectiveness

During any repair process, safety is the primary concern for several important reasons. Ensuring a safe working environment protects both the technician and those nearby from potential accidents or injuries. Repairing machinery or equipment often involves dealing with heavy components, electrical systems, or hazardous materials, which can pose risks if not handled properly. Implementing safety protocols, using appropriate personal protective equipment, and following safety guidelines help prevent injuries and ensure that the repair process does not lead to further complications or accidents. While efficiency, quality, and cost-effectiveness are important considerations, they should not compromise safety. If safety measures are neglected, it could lead to severe consequences, including injuries, liability issues, or damage to equipment, all of which can ultimately disrupt the repair process and lead to more significant costs and inefficiencies. Therefore, focusing on safety is essential to achieving a successful and effective repair process.

6. Proper alignment during assembly is crucial to avoid which issue?

- A. Misalignment**
- B. Wear and tear
- C. Corrosion
- D. Overheating

Proper alignment during assembly is crucial primarily to avoid misalignment. When components are not assembled correctly, it can lead to various issues including uneven loading, which stresses certain parts more than others. This misalignment can cause components to operate inefficiently and lead to premature failure. Ensuring that parts are aligned correctly helps maintain the intended function of the assembly and promotes smooth operation. Misalignment can result in increased friction, noise, and in some cases, the potential for parts to bind or seize during operation, which could lead to more severe mechanical failures. While other issues like wear and tear, corrosion, and overheating may arise in improperly aligned systems over time, the immediate and most direct consequence of improper alignment is misalignment itself. Therefore, focusing on correct alignment during assembly is essential for the overall performance and longevity of the equipment.

7. How should scaffolds be treated during installation and operation?

- A. Inexpensively Constructed
- B. Improvised Regularly
- C. Properly Constructed and Maintained**
- D. Occasionally Inspected

Scaffolds should be properly constructed and maintained to ensure the safety of workers and the integrity of the structure being worked on. Proper construction involves adhering to established safety standards and guidelines, including using materials that can support the load requirements and ensuring that the scaffold is set up on stable ground. Maintenance is equally important, as it involves regular inspections and repairs to identify and rectify any issues that might arise during use, such as wear and tear, corrosion, or structural instability. By prioritizing proper construction and maintenance, risks associated with scaffold-related accidents can be minimized, promoting a safer working environment.

8. Which factor can improve the safety of using a jack?

- A. Using it in poorly lit areas
- B. Ensuring the jack is on a secure surface**
- C. Using a jack of a different brand
- D. Leaving the vehicle in gear

Using a jack on a secure surface significantly improves safety while performing vehicle maintenance or repairs. A stable foundation ensures that the jack does not slip or tip over under the weight of the vehicle being lifted. It reduces the risk of accidents and injuries that can occur if the jack fails due to instability. Poorly lit areas can obscure hazards and make it difficult to properly position the jack, which might lead to unsafe conditions. Using a jack from a different brand might introduce compatibility issues or differences in operational safety standards, potentially compromising safety. Leaving the vehicle in gear can give a false sense of security, as it does not prevent the vehicle from rolling if there is an issue with the transmission or if the brakes fail. Therefore, maintaining a secure surface is crucial for safe jack operation.

9. What term describes the material that is found in the stuffing box of a hydraulic jack?

- A. Guide
- B. Seal
- C. Packing**
- D. Lubricant

The term that describes the material found in the stuffing box of a hydraulic jack is packing. Packing is a critical component that serves to prevent hydraulic fluid from leaking out of the jack as it operates. The packing material typically consists of various materials designed to withstand the conditions within the hydraulic system while ensuring a tight seal. This prevents loss of hydraulic pressure and maintains the efficiency of the jack. In hydraulic systems, effective sealing is essential for proper operation. If the packing is not functioning correctly, it can lead to fluid leaks, reduced performance, and potential system failure. Thus, packing ensures both the efficiency and longevity of the hydraulic jack by maintaining necessary pressure within the system.

10. What is a critical step after using a jack?

- A. Leave the jack in place for quick access
- B. Always lower the vehicle completely and store the jack properly**
- C. Check the jack for wear and tear
- D. Use the jack for another vehicle immediately

Lowering the vehicle completely and storing the jack properly is a critical step after using a jack because it ensures safety and prevents accidents. When a vehicle is raised with a jack, it is usually in a position for repair or maintenance, and failing to lower it completely can leave it unstable. This could pose a risk when someone approaches or works near the vehicle. Properly storing the jack is also essential to maintain its condition and functionality for future use. Leaving it out can lead to damage or degradation, making it unreliable the next time it is needed. This step emphasizes safety protocols and best practices in handling tools and equipment used in automotive maintenance. The other options do not prioritize safety and proper equipment management in the same way. Keeping the jack in place might result in hazards, while checking for wear and tear is typically part of regular maintenance but not the immediate priority after a job. Using the jack for another vehicle right away disregards necessary safety precautions and can also expose the equipment to premature wear.

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Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

<https://neiep805.examzify.com>

We wish you the very best on your exam journey. You've got this!

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