

Race Car Mechanic Interview Questions

1. Walk me through how you test drive vehicles, and test components and systems, using equipment such as infrared engine analyzers, compression gauges, and computerized diagnostic devices.

2. Share a method you use to follow checklists to ensure all important parts are examined, including belts, hoses, steering systems, spark plugs, brake and fuel systems, wheel bearings, and other potentially troublesome areas.

3. What kind of experience do you have examining vehicles to determine extent of damage or malfunctions?

4. Describe an experience where you conferred with customers to obtain descriptions of vehicle problems, and to discuss work to be performed and future repair requirements.

5. Describe methods you have found useful to test and adjust repaired systems to meet manufacturers' performance specifications.

6. Describe a time when you successfully serviced, repaired, or tested a machine or device that operates mainly by mechanical principles.

7. Tell me about your qualifications for and your experience handling vehicles and/or mechanized equipment.

8. Tell me about a recent experience you've had working with your hands.

9. Share an experience when you applied new technology or information in your job. How did it help your company?

10. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.

11. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant?

12. Tell me about the last time you performed routine maintenance on equipment. How did you determine when and what type of work was needed?

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13. Tell me about a time when you successfully determined the cause of an operating error at your company and solved the problem.

14. Tell me about the last time you monitored or reviewed information and detected a problem. How did you respond?

15. Tell me how you rebuild parts such as crankshafts and cylinder blocks.

16. Share an example where you overhauled or replaced carburetors, blowers, generators, distributors, starters, and pumps.

17. Tell me the last time you Installed and repaired accessories such as radios, heaters, mirrors, and windshield wipers.

18. How difficult is it to repair manual and automatic transmissions?

19. Explain to me how to disassemble units and inspect parts for wear, using micrometers, calipers, and gauges.

20. How often do you plan work procedures, using charts, technical manuals, and experience?