

Diesel Equipment Technology

Frame/Suspension Article Quiz

10/8/02

Name_____

1. What type of taper leaf springs are replacing conventional multi-leaf springs on steering axles?
2. Air spring replacement is easier and faster than conventional spring replacement? T or F
3. What does "GRP" mean?
4. The most common air spring failures are due to what?
5. What damage could be the result of improper driveshaft-to- pinion orientation?
6. Mack Trucks says that "Bodybound" bolts is how much bigger than the rolled threads?
7. What tool should you use to align existing holes in the frame with those in brackets or supports?
8. What welding rod is recommended for frame rail repair?
9. Frame reinforcements should be welded to the frame. T or F
10. Frame holes that are enlarged or irregularly worn should be welded up and re-drilled. T or F
11. Never leave a sharp internal angle when cutting reinforcement plates or when modifying structural members. T or F
12. When it is necessary to drill holes in the frame side rail web for local mounting of accessories, what rules should be followed?
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13. When preparing a joint for welding each piece should have what angle and land thickness?
14. How much gap between sections should be maintained?
15. What is the correct welding rod for crossmembers?
16. Reamers are operated in counter-clockwise rotation. T or F