



Skill Module Number:

1

Subject: Introduction

Objective:

- At the conclusion of this module you will be able to point out several of the changes that have been made to the 163 chassis vehicles.

Vehicle and tools required:

- 2002 M-Class 500
- 2002 M-Class 320
- M-Class on lift with bi-xenon

Required material:

- Owner's Manual
- 163 Model Year Book for 2002

Instructions:

1. Follow the instructions and answer the questions.
2. Ask your instructor if assistance is needed.
3. Stop at instructor checkpoints for sign-off.

1. Comparing the ML 320 to the ML 500, what is different about the door handles, grille, and tailgate handle? _____
2. Except for the sport package, are the rims and tires the same from a ML320 compared to a ML500? _____
3. Are the outside mirrors like the passenger cars, with built in turn signals? _____
4. Except for a ML with sport package, do the bumpers look the same on a ML 320 and a ML 500? _____
5. On the vehicle you are working on, do you have the Parktronic system (PTS)?

6. How many exterior mechanical lock cylinders are on a 2002 ML? _____
7. On the ML 500, does it have lighted doorsill plates? _____
8. Does your 2002 M-class have power seats with memory? _____ If yes, does the seat memory operate the outside mirrors? _____
9. Does the 2002 ML have side window (curtain) airbags? _____
10. All 2002 ML's have SOG, can you tell this by looking at the shifter? _____
11. Does the ML have a multi-function steering wheel? _____
12. Do you have an "Auto" position on the headlight switch? _____
13. Does the 2002 ML now have a smart key like a 220? _____
14. Does the 2002 ML now have an automatic climate control system? _____
15. The window switches are now around the shifter. Where is the ashtray? _____

16. Will a large drink cup now fit into the center console cup holder? _____ Is the cup holder easy to remove for cleaning? _____ (see instructor for removal)

17. For the rear seat, does a 2002 ML have attaching points for a child safety seat for both top and bottom? _____
18. Can you access any climate controls from the rear seat? _____ If so, what?

19. On the tailgate you will find two compartments on the inside cover. What is stored in these compartments? _____
20. What is located behind the access panel on the left side of the vehicle in the cargo area? _____
21. Does the ML have an emergency gas flap release? _____
22. Does the ML that you are working on have bi-xenon headlights? _____
23. Under the ML that has bi-xenon lights, which side of the vehicle are the level sensors located? _____
24. The fuel tank on a ML320 and ML500 now holds more fuel. Does the fuel tank take up the spare tire area under the vehicle like a ML55? _____

If you have noticed any parts that need to be replaced on this vehicle, please inform your instructor now.

Instructor check point _____