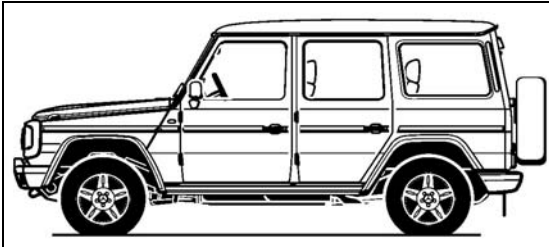




Mercedes-Benz

Name _____



Module Number: 01

Subject: Introduction to Vehicle

Objective:

At the conclusion of this module you will be able to:

- Point out G Class specific operating controls
- Point out major components
- Shift transfer case into neutral

Vehicle and tools required:

- G Class
- Hoist
- Fender covers
- Small screwdriver
- Flashlight

Required materials:

- N/A

Instructions:

1. This is an instructor guided module
2. Fill in the answers as the instructor reviews each item
3. Feel free to ask additional questions
4. It should take you about 45 minutes

The G Class electrical system is adapted from the C Class system. In such this vehicle is similarly equipped with limited modifications. The exterior light operation & windshield wiper operation is the same including Automatic light and night security feature, wiper suppression in intermittent wiper speed and door open as well as wiper suppression in all speed position when hood opened

Exterior

1. Can the left and right door glass be interchanged? YES NO
Note: All window glass is flat
2. Is this vehicle equipped with:
 - a) Summer opening? YES NO
 - b) Convenience closing? YES NO
 - c) Power window express down? YES NO
 - d) Power window express up? YES NO
3. Do the rear windows open completely? YES NO
Note: Window glass is bigger than lower door sheet metal
4. What type of central locking is equipped on this vehicle? Vacuum Electric
5. At which location is the VIN number stamped in? _____
6. Where else on the vehicle can you find the VIN number?
 - _____
 - _____
 - _____
7. What is the paint code for this vehicle? _____
8. Instructor will now demonstrate how to remove the spare tire cover
9. Looking at the rear bumper you will notice a red and a white lens
What is the function of the red light? _____
What is the function of the white light? _____

Under the hood

1. Put fender cover at top of windshield and open hood to service position

Caution: Wipers should be in Park position

Note: Wiper suppression is active if door or hood are open

2. Where are the engine air intakes located on the exterior of the vehicle?

3. Why is the engine positioned higher on the left than right side?

4. Is this vehicle equipped with an engine oil dip stick? YES NO

5. Where are the emergency jump start terminals located?

6. Are there any fuses or relays located under the hood? YES NO

7. Where is the windshield washer bottle located? _____

8. Is there an auxiliary water pump for the climate control system? YES NO

9. Where is the ATA hood switch located? _____

10. What type of fluid is used in the locking differential reservoir? _____

11. Where are the differential lock switch-over valves located? _____

12. Where is the differential lock vacuum pump located? _____

13. Instructor will demonstrate how to remove the climate control dust filter

Reinstall hood strut and close hood

Interior

1. Where are the window switches located? _____
2. How many memory storage spots are available for the power seats? _____
3. Is there an auto position on the headlight switch? YES NO

Note: Vehicle is equipped with Auto Lighting and Night Security Features

4. Where are the three locking differential switches located? _____
5. According to the Differential Lock Warning Label what should never be performed? _____
6. Is the vehicle equipped with BabySmart seat recognition? YES NO
7. What other vehicle uses the same climate control system? _____
8. Where is the parking brake adjustment found? _____

Note: A separate cables run from the handle to each rear parking brake

9. Where is the high/low transfer case switch located?

10. Instructor will now demonstrate the procedure to shift the transfer case into neutral:

- Parking brake engaged
- Service brake applied
- Ignition On
- Transmission selector lever in N
- Press and hold Low range switch for approximately 5 seconds

11. Start engine and move gear selector to D
Release brakes, does the vehicle move? YES NO

Caution: Never move selector lever into Park while engine is running if
Transfer Case is in Neutral

12. Switch engine off and repeat above process but use high range switch
instead. What happened? _____

13. Is the rear seat equipped with the LATCH mounts? YES NO

14. Where is the rear seat heater switch located? _____

15. Instructor will demonstrate how to fold the left rear seat forward

What is found in the floor compartment beneath this seat?

Note: In MY 2002 this compartment holds all vehicle tools

16. Repeat the process for the right side. What is found beneath that seat?

17. Where are the vehicle tools stored in a MY 2003 vehicle? _____

18. Where is the Battery located on this vehicle? _____

19. There are 5 fuse boxes fitted on this vehicle. Where are they located?

- _____
- _____
- _____
- _____
- _____

20. Where is the sliding roof motor located? _____

21. How is the fuel filler door unlocked in case of malfunction?

On the hoist

1. What type of steering gear is fitted? _____

2. Where are the hydraulic differential lock cylinders located for the front and rear differentials? _____

3. Where is the Transfer case differential lock actuator located?

4. Where is the high / low range electric motor located? _____

5. What is the function of the 2 black containers just to the left of the transfer case? _____

6. Where is the fuel filter located? _____

7. Where is the fuel pump located? _____

8. Is a drain plug provided for the fuel tank? YES NO

9. What is the rear differential gear ratio? _____ What about the front? _____

10. Where does the exhaust exit the vehicle? _____

11. Does tire rotational direction need to be observed? YES NO