

Automobiling Merit Badge Worksheet



Requirement 1

Carefully examine and check conditions of the following features of an automobile:

✓	Features	Condition
	Windshield Wiper	
	Adjustment of Rear-View Mirror	
	Headlights for all headlight switch positions	
	Reflector Surfaces	
	Cleanliness of Lenses	
	Bulbs are Free from Blackening	
	Elevation and Focus of Headlight Beams	
	Tail and Stop Lights	
	Windshield and Rear Window Visibility	
	“Play” in Steering Wheel	
	Adjustment of Brakes	
	Tires	

Requirement 2

List ten (10) important motor vehicle regulations in your province or city.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Requirement 4

Tell how many meters a driver on a dry road with brakes in good condition who sees danger ahead, is required to stop his car running:

30 KPH (Kilometers Per Hour): _____ Meters

50 KPH (Kilometers Per Hour): _____ Meters

70 KPH (Kilometers Per Hour): _____ Meters

Requirement 5

Requirement 5A1. Name at least six (6) sound driving practices which make for safety and courtesy on the road.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Requirement 5A2. Name at least four (4) important characteristics of a good driver.

1. _____
2. _____
3. _____
4. _____

Requirement 5A3.

Demonstrate hand signals using both single hand position, and three position systems; give the meaning of each.

Requirement 5B1. Explain the purpose of and describe briefly how each works.

Feature	Explain the Purpose	Describe Briefly How it Works
Clutch		
Gear Shift		
Accelerator		
Choke		
Brakes		

Scout Name _____ Unit # _____ Date _____

Requirement 5B2. Explain how to stop a car on a wet or muddy road.

Requirement 5B3.

Explain what to do when end skids to the right:

Explain what to do when end skids to the left:

Requirement 5B4. Explain what do when stop lights of a car ahead blinks.

Requirement 5B5. Explain what do when a blow-out occurs at high speed.

Requirement 5B6.

- Interpret readings of different gauges and meters on panel board.

SPECIAL NOTES FROM MERIT BADGE CENTER: Although not required by the Boy Scouts of the Philippines. The Merit Badge Center recommends that the following requirements (5C, 5D, and 6) are performed with proper student driving permit and under the direct supervision of a qualified adult. It is also recommended that all previous requirements be completed before attempting the following requirements.

Requirement 5C.

- Change a tire.

Requirement 5D.

- Start a Motor.
- Put Car in Gear.
- Shift Gears.
- Come smoothly to full stop from speed of thirty (30) kilometers an hour.
- Make right and left turns from proper traffic lanes, giving proper signals at proper time.
- Park in space of eight (8) meters.
- Start a car after stopping on an upgrade (away from curb).
- Park on an upgrade and on a downgrade.
- Show how to get off sand and mud.
- Turn around in order to go in opposite direction between lines or marker nine (9) meters apart.
- Back up a car parallel to a curb.

Requirement 6

- Demonstrate your ability to stop a car going at a speed of 30 kilometers per hour so that nose of car fits into a chalk-marked U-shaped box two (2) meters wide. Bumpers would be over front line of the box and tires inside sidelines.