

**Theme: 5. Steering system**

Points	K	No	Question, answers	Graphic images
2		5/1.	<p><b>The function of the steering system is:</b>                      to control the engine                      to provide the driver with capability to drive the vehicle at the desired speed                      to provide means to steer the vehicle in the direction desired by the driver</p>	
2		5/2.	<p><b>The steering system consists of:</b>                      steering wheel                      steering mechanism                      steering transmission                      wheels and tires</p>	
2		5/3.	<p><b>The function of the steering mechanism is:</b>                      to assure the required steering ratio between the angles of turn of the steered wheels                      to amplify the force applied by the driver on the steering wheel                      only to assure the capability for steering the motor vehicle</p>	
2		5/4.	<p><b>The steering spindle transmits the motion:</b>                      from the steering wheel to the steering shaft                      from the steering wheel to the steering box                      from the steering mechanism to a drag link</p>	
2		5/6.	<p><b>The function of the steering trapezium is:</b>                      to assist in overcoming the resistance of the steered wheels                      to assure the required steering ratio between the angles of turn of the steered wheels                      to assure easy steering of the motor vehicle</p>	
2		5/8.	<p><b>The steering transmission is designed to transfer the forces applied on the steering mechanism to the stub axles and steered wheels</b>                      correct                      incorrect</p>	
2		5/9.	<p><b>The function of the steering transmission amplifier is:</b>                      to assure the required steering ratio between the angles of turn of the steered wheels                      to reduce the efforts and energy spent by the driver for steering the motor vehicle                      to help overcome only the resistance from rolling of the steered wheels</p>	
2		5/10.	<p><b>The force applied to the steering wheel must be within the permissible norms</b>                      correct                      incorrect</p>	
2		5/11.	<p><b>In case an increased free play of turn of the steering wheel is detected, it is necessary:</b>                      to adjust the steering wheel's free play                      to replace the steering fluid (oil)                      to replace the steering wheel</p>	
2		5/12.	<p><b>The increased free play of turn of the steering wheel is caused by:</b>                      the clearances, which increase with the wearing out of the tires                      the clearances, which increase with the wearing out of the steering mechanism and in the stub axle joints of the steering trapezium</p>	

2		5/13.	<p><b>The difficult turning of the steering wheel may be caused by:</b></p> <p>absence of oil in the crankcase of the steering box of the steering mechanism</p> <p>the oil used in the steering system is different from the type prescribed by the manufacturer</p> <p>the higher air pressure in the vehicle tires</p>	
2		5/14.	<p><b>The type and quantity of the lubricant in the steering mechanism within the steering box are specified by:</b></p> <p>the vehicle manufacturer</p> <p>according to the driver's assessment</p>	
2		5/15.	<p><b>The level of the oil in the steering box is checked:</b></p> <p>routinely, during maintenance of the vehicle</p> <p>during the annual technical inspection</p> <p>after every 25 000 km</p>	
2		5/16.	<p><b>The steering system oil is changed:</b></p> <p>prior to the annual technical inspection</p> <p>periodically, according to the manufacturer's recommendations</p> <p>according to the driver's assessment</p>	