

A photograph of a vehicle inspection station. In the foreground, a dark-colored car is parked on a yellow and black striped platform. In the background, a white car is on a lift. A person in a blue uniform is standing near the white car. The station has yellow walls and various pieces of equipment, including a green cart and a control panel. The text "OVERVIEW OF THE SITUATION OF PERIODIC TECHNICAL INSPECTION OF VEHICLES AFTER 05.07.2021." is overlaid in the center.

**OVERVIEW OF THE SITUATION OF
PERIODIC TECHNICAL INSPECTION
OF VEHICLES AFTER 05.07.2021.**

VEHICLE FLEET IN REPUBLIC OF SERBIA

NUMBER OF REGISTERED VEHICLES

Passenger vehicles	2.164.818	83.34
Trucks	255.954	9.85
Buses	9.900	0.38
Total	2.597.502	%

Vehicle safety indicators

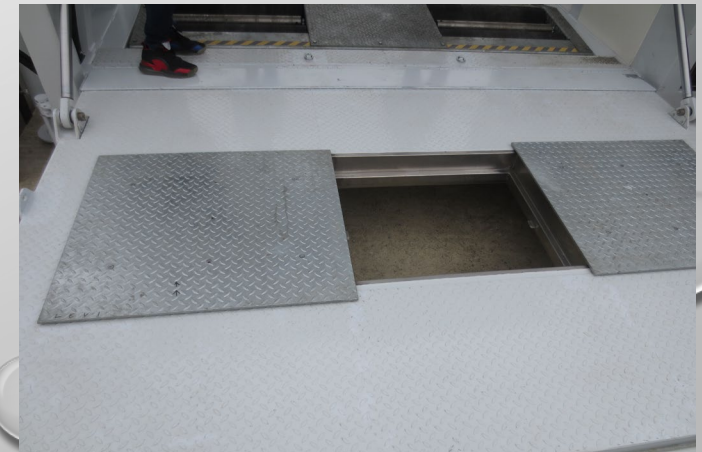
Average age of all vehicles	17,4
Average age of passenger cars	16,5
% passenger cars under 6 years of age	7,0%
% passenger cars older than 10 years	83,5%

Frequency of testing is 2-1-1

A six-month technical inspection is mandatory for vehicles for: public transport (taxi), buses, transport of dangerous goods, driver training vehicles, rent-a-car, MPM > 3.5 t.

THE NOVELTIES RELATED TO THE TECHNICAL INSPECTION LINES EQUIPMENT, CURRENT SINCE JULY 5TH, 2021, ARE :

- DEVICE FOR MEASURING THE AXLE LOAD OF THE VEHICLE (SCALES);
- DEVICE FOR CONTROLLING THE CLEARANCE OF THE CONNECTION BETWEEN THE WHEELS AND THE CHASSIS AND THE STEERING MECHANISM WITH AT LEAST FOUR DIRECTIONS OF EXTENSION (SPREADER) (MAM > 3.5 T);



**Impossible to falsify
temperature and RPM data
of the engine**

- DEVICE WITH AN ABILITY TO CHECK THE CORRECTNESS OF THE SYSTEM FOR REGULATING AIR POLLUTION VIA THE "OBD" CONNECTION OF THE VEHICLE;
- DEVICE FOR CHECKING THE CORRECTNESS OF THE DEVICE FOR STOPPING TRAILERS WITH INERTIAL CONTROL;



- DEVICE FOR CHECKING THE MOISTURE CONTENT IN THE BRAKE FLUID;

Improving the braking system



- IN ORDER TO OBTAIN RELIABLE VALUES OF THE MEASURED NUMBERS OF BRAKING FORCES ON THE CIRCUMFERENCE OF THE WHEELS, THE MEASURING DEVICE MUST HAVE AN ADDITIONAL DEVICE FOR MEASURING THE FORCE ON THE BRAKE PEDAL (DYNAMOMETER);

Inability to apply excessive force to the brake pedal



- IN THE CASE OF THE STOPPING SYSTEM WITH PNEUMATIC BRAKES, THE DEVICE FOR MEASURING THE MAGNITUDE OF THE BRAKING FORCES ON THE CIRCUMFERENCE OF THE WHEELS MUST HAVE ADAPTERS FOR MEASURING THE AIR PRESSURE IN THE SYSTEM (MAM > 3.5 T); (OBLIGATION TO MEASURE POSTPONED UNTIL 5.7.2023, FOR ALREADY REGISTERED VEHICLES UNTIL 5.7.2021).

Troubleshooting due to uncontrolled air leakage and pressure drop in the system



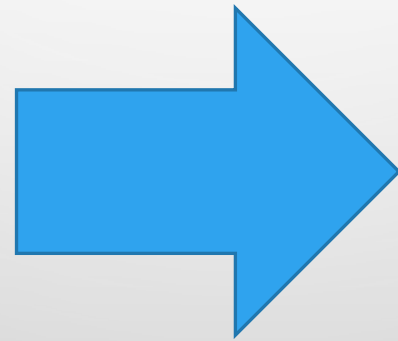
CHANGES FROM JULY 5TH, 2021

- AN INCREASED LEVEL OF HARMFUL PARTICLES IN THE EXHAUST GASES IS A TECHNICAL MALFUNCTION;
- OBLIGATION TO HAVE A CATALYTIC CONVERTER, BEGINING JULY 5TH, 2021, FOR VEHICLES THAT ARE BEING REGISTERED FOR THE FIRST TIME.

(FOR ALREADY REGISTERED VEHICLES, THE OBLIGATION TO HAVE A CATALYTIC CONVERTER HAS BEEN POSTPONED UNTIL JULY 5, 2023) - CONDITIONAL REDUCTION OF THE NUMBER OF TECHNICALLY DEFECTIVE VEHICLES.



- VIDEO RECORDING OF TECHNICAL INSPECTIONS USING "HD" CAMERAS;
- THE INTRODUCTION OF MANDATORY RECORDING OF THE ENTIRE COURSE OF TECHNICAL INSPECTION HAS LED TO AN INCREASE IN THE AVERAGE TIME OF TECHNICAL INSPECTION CONTROL AND A DECREASE IN THE CAPACITY ON TECHNICAL INSPECTION LINES.



MOPED SPEED

- A NEW DEVICE;
- REDUCTION IN THE NUMBER OF ABUSES;
- CORRECTION OF TRAFFIC LICENSE ERRORS;
- INCREASED NUMBER OF TECHNICALLY DEFECTIVE L1-MOPED VEHICLES;

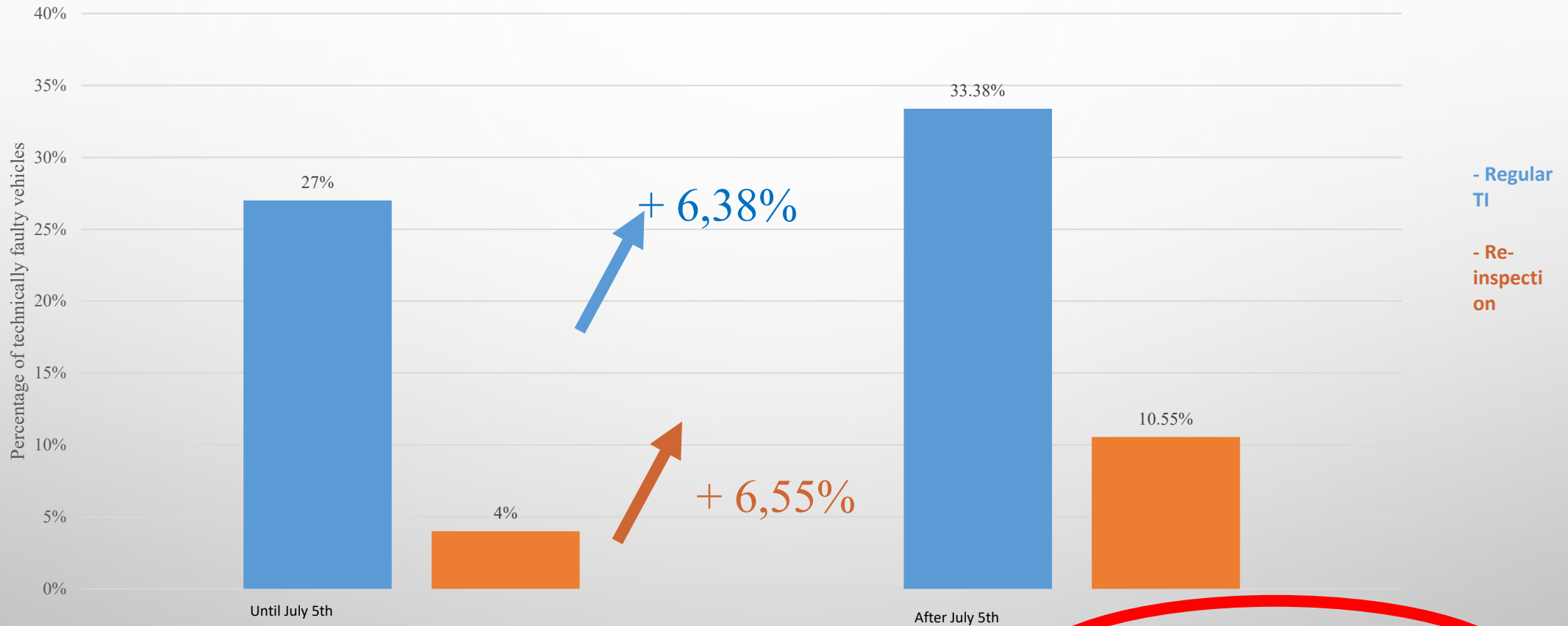


NUMBER OF PERFORMED REGULAR TECHNICAL INSPECTIONS OF VEHICLES FROM JULY 5TH TO SEPTEMBER 5TH, 2021

- DATA ANALYSIS WITH 6 LINES OF TECHNICAL INSPECTIONS

Vehicle type	Checked	In order	Out of order	[%] Out of order
M1 – Passenger vehicle	1.187	790	397	33,45
N1 – Truck/lorry	247	151	96	38,87
Total	1.434	941	493	34,38

PERCENTAGE OF TECHNICALLY FAULTY VEHICLES



- The largest number of faults during the technical inspections was related to the braking devices (32%), the control devices (17%) and on the body of the vehicle (12%).

NUMBER OF TECHNICAL INSPECTION LINES

- UNTIL 05.07.2021. AROUND 1 250 TECHNICAL INSPECTION LINES WERE AUTHORIZED;
- UNTIL 05.10.2021, 479 TECHNICAL INSPECTION LINES WERE AUTHORIZED;
- DETERMINING THE CONDITIONS ON 727 TECHNICAL INSPECTION LINES IN THE NEXT THREE MONTHS;
- IT IS ESTIMATED THAT ANOTHER 400-500 LINES WILL BE AUTHORIZED.

DIRECTIONS FOR FURTHER IMPROVEMENTS

- IN THE FOLLOWING PERIOD, THE ADOPTION AND IMPLEMENTATION OF THE RULEBOOK ON TECHNICAL INSPECTION OF CONTROLLERS IS EXPECTED;
- BEGINNING OF TRAININGS AND SEMINARS, WHICH WILL GREATLY AFFECT THE IMPROVEMENT OF KNOWLEDGE OF CONTROLLERS AND THE MANNER OF PERFORMING CONTROL OF TECHNICAL INSPECTION OF VEHICLES;
- ESTABLISHMENT OF A CENTRAL INFORMATION SYSTEM.

THANK YOU FOR YOUR ATTENTION!

