

Off-Road Vehicle Zastava AR-55 0.5T 4x4



The off-road vehicle 0.5T, 4x4 ZASTAVA AR-55 is a domestically produced off-road vehicle, manufactured under a Fiat license. It is powered by a four-stroke engine. The vehicle has four-wheel drive, with the front drive engaged as needed. The differential lock device in the rear drive axle increases the vehicle's mobility on waterlogged terrain, ice and snow.

The gearbox is of a conventional type with four forward gears and reverse. 2nd, 3rd and 4th gears are synchronized. The transfer case is built into the assembly with the gearbox. The reducer in the transfer case enables a gear ratio reduction in the gearbox by 4.18 times. Vehicles produced after 1962 are manufactured so that the level of radio interference generated by the vehicle does not interfere with the operation of radio equipment located in the vehicle.

Technical Data

- Curb weight	1300 kg
- Road load capacity	500 kg

- Permitted gross trailer weight	800 kg
- Engine type	petrol, 4-stroke, 4-cylinder, 1901 cm ³ , 41 kW (55 hp)
- Fuel consumption	17 l / 100 km
- Cooling	liquid-cooled
- Electrical system voltage	12 V
- Battery	12 V / 70 Ah (1 unit)
- Number of gear ratios	4 + 1
- Braking system	hydraulic
- Tire pressure	front 2.00 bar, rear 2.50 bar

Lubricants and Fuels

- Fuel tank	58 l MB-86
- Engine oil	5.4 l DS-30
- Gearbox oil	2.95 l HIP-90
- Transfer case oil	2.95 l HIP-90
- Differential oil	front 1.22 l HIP-90, rear 1.55 l HIP-90
- Steering oil	0.22 l HIP-90
- Brake fluid	1 l UKAG
- Coolant	11.6 l (water in summer, antifreeze in winter)
- Multi-purpose grease	UM-2

Prepared by: Goran Unčanin unca28@gmail.com