

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

MZ - MZ_500_Silverstar_Gespanin_1995_Manual_de_intretinere

Index

OPERATING INSTRUCTIONS

SUPPLEMENT TO THE OPERATING INSTRUCTIONS

SILVERSTAR 500 - SIDECAR

VOYAGER 500 Supplement to the operating instructions for MZ motorcycles Silverstar 500 Sidecar

<http://www.mz-b.de/miraculis/aw/mz/text/ergmz50b/ergmz50b.html>

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Motorrad- und Zweiradwerk GmbH

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Dear MuZ Friend! With this "Supplement to the Operating Instructions Silverstar Sidecar and Voyager 500" we want to provide you with the additional knowledge and information for operating these MuZ sidecars, which are not included in the operating instructions accompanying the motorcycle. Supplement to the operating instructions for MZ motorcycles Silverstar 500 Sidecar <http://www.mz-b.de/miraculis/aw/mz/text/ergmz50b/ergmz50b.html>

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Due to our many years of experience in motorcycle construction, both sidecars are robust, powerful, reliable and low-maintenance vehicles. To ensure that this remains the case, please observe the following instructions for handling and care.

Starting and operating the vehicle requires that you carefully read these operating instructions, observe the instructions given here for proper use, know and observe the legal conditions valid for the country of use, and the conditions under which the vehicle may be used. The vehicle must remain in the technical condition handed over by the manufacturer. The manufacturer assumes no liability for damage caused by failure to observe the instructions and regulations, by the installation of non-genuine spare parts and accessories or by improper repair work. We wish you "Good Journey"! MuZ MOTORRAD- UND ZWEIRADWERK GmbH Postfach 70 09401 Zschopau-Hohndorf Editorial deadline 31.10.1995
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1. Technical Data

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Here are only the data that deviate from or are additional to the standard operating instructions of the motorcycle.

Voyager 500 Silverstar 500 Sidecar

Engine and Power Transmission Power transmission to the rear wheel Roller chain 5/8" x 1/4", 102 links Gear ratio gearbox-rear wheel 2.53 (15/38 teeth) Supplement to the operating instructions for MZ motorcycles Silverstar 500 Sidecar <http://www.mz-b.de/miraculis/aw/mz/text/ergmz50b/ergmz50b.html>

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Chassis

Suspension

front Telescopic fork with hydraulic damping, spring travel 165 mm (support tube and compression spring changed), fork stabilizer

rear Shock absorber with hydraulic damping, spring travel 105 mm, springs under protective sleeve Sidecar Short swing arm with hydraulically damped shock absorber, spring travel 80 mm

Wheels Wire spoke wheels

front 18 x 1.85 (16 x 2.15 TB) 16 x 2.15 TB) rear 16 x 2.50 (15 x 3.00 C) 15 x 3.00 C Sidecar 16 x 2.15 16 x 2.15

Tires

front 3.50-16 R 58 P 3.50 (3.25)-16 R(DOT)

rear 120/90-16 63 P (125-15 R) 125-15 R

Sidecar 3.25-16 55 M (3.50-16 58 P)

Tire pressure

front 170 kPa (1.7 bar) rear 180 kPa (1.8bar) 1 person 190 kPa (1.9 bar) 2 persons 250 kPa (2.5 bar) at permissible total weight

Sidecar 190 kPa (1.9bar) Number of seats 3 3

Motorcycle 2 1

Sidecar 1 1

Brakes Supplement to the operating instructions for MZ motorcycles Silverstar 500 Sidecar <http://www.mz-b.de/miraculis/aw/mz/text/ergmz50b/ergmz50b.html>

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Sidecar Simplex internal shoe brake, operated via cable together with the foot brake lever of the motorcycle

Electrical System Sidecar Incandescent lamps 12 V - Soffitten 12 V - Soffitten

Turn signal (front and rear) 10 W 21 W

Brake light 18 W 18 W

Taillight 10 W 10 W

Front position light 3 W 3 W

Weight Empty weight sidecar (with fuel and tools) 238 kg, of which sidecar 67 kg

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permissible total mass 500 kg, of which sidecar maximum 112 kg Payload Luggage rack on the sidecar 10 kg maximum Performance Top speed 110 km/h (25 kW 115 km/h) Fuel consumption approx. 6.5 l/100 km (25 kW 7.0 l/100 km)

2. Installation Instructions

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The assembly of the sidecar is carried out by the dealer. This ensures the operational and traffic safety of the Saxon 500 Voyager and Saxon sidecars. Supplement to the operating instructions for MZ motorcycles Silverstar 500 Sidecar
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Silverstar 500 is secured. The prerequisite is the use of an original sidecar machine derived from the Saxon Tour 500 or the Silverstar 500, and the MuZ - Velorex sidecar converted by MuZ for mounting on these motorcycles. Sidecars made from Solo - MuZ - motorcycles and unmodified Velorex sidecars are not permitted.

2.1. Features of the MuZ 500 Sidecar Motorcycles:

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Modified Saxon Tour 500 or Saxon Silverstar 500 motorcycles are used for this purpose as sidecar motorcycles.

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Image 1 Fork stabilizer on the telescopic fork

Fork stabilizer (Image 1)

Steering damper under the lower triple clamp (Voyager) or hydraulic steering damper (Silverstar)

Shock absorbers with protective sleeves

Telescopic fork travel 165 mm

Double frame down tube under the engine with tab L welded on at the front left (cf. Image 8)

Cross tube (1) on the frame under the seat (Image 2)

Connection tab (2) on the right shock absorber at the top

Connector (3) for electrical system

Swingarm pivot bolt with mounting tab

No turn signals on the right side of the motorcycle

Secondary ratio 15/38 teeth Supplement to the operating instructions for MZ motorcycles Silverstar 500 Sidecar

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Image 2 Frame of the motorcycle for sidecar operation

Cross brace 1.

Upper connection 2.

Connector for sidecar electrics 3. Supplement to the operating instructions for MZ motorcycles Silverstar 500 Sidecar

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Image 3 Parking brake Silverstar Sidecar

Brake lever B.

Brake released 1.

Brake applied 2.

2.2. Features of the MuZ - Velorex - Sidecar

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