

#### Evolution to IMZ-8.903 and 8.923 Police Motorcycles

- •Previous Police Version of Russian Heavy Motorcycle: M-63P
  - -Capitalized on 63.36 Engine (650 cc, 36 Hp / 26.5 kW)
  - -Retained 12-Volt Electrical System
    - •*Γ*-424 (G-424) 12-Volt, 150-Watt Alternator
    - •PP-330 Voltage Regulator
  - -Retained K-301G (Γ) Carburetor
  - -Retained PM-302 Ignition
  - -Retained Flashing Lights and Directional Turn Signals
  - -Front Forks
    - Leading Link for Solo
    - Motorcycle with Sidecar: Retained Telescopic Fork
- •Developed the IMZ-8.903 (with Sidecar) and IMZ-8.923 (Solo)
  - -Based on Popular, Non-Police IMZ-8.103 (Ural 650) Model of Motorcycle
  - -Years of Production: 1984 to 1994
  - –Ural Produced a Special Model: IMZ-8.923 for the SAI (ГАИ)
    - •Complement of Mechanical Siren, Signal Lights and Devices for Installation of Special Equipment
  - -650cc Engine with Oval Valve Cover

## 1983 Ural IMZ-8.903 (Урал ИМЗ-8,903)

Early Ural Motorcycles All Had High-Mounted Mudguards Made of Three Individual Pressings Welded Together to Form Two Side Seems. The Guard Hangs from the Yoke and Does Not Move.





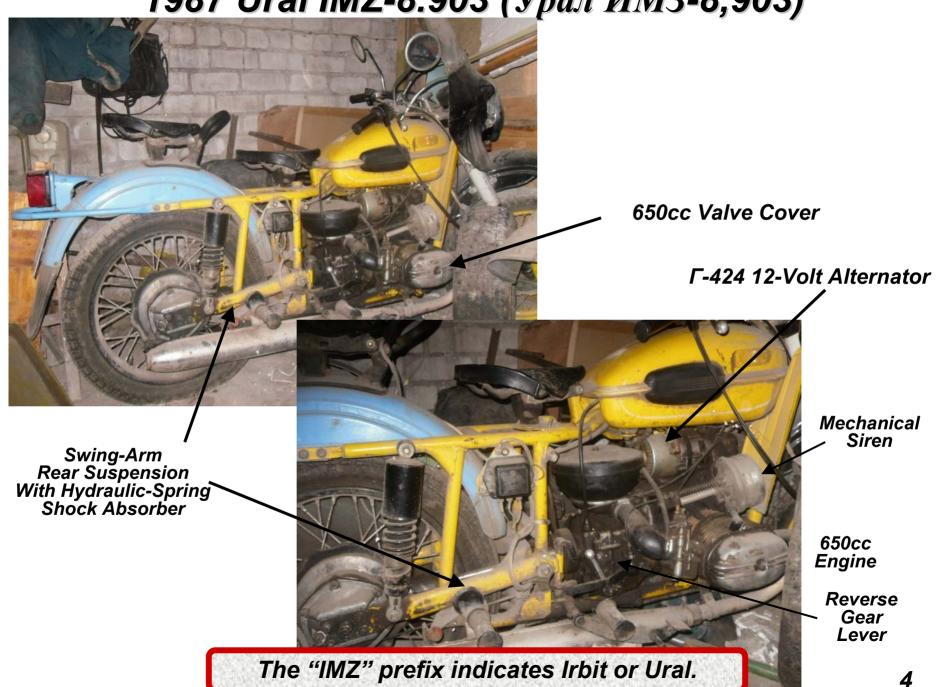
Notice the Sidecar Medallion

**Bottle-Cap Hub** 

650cc Valve Cover

Ural's IMZ-8.903 Patrol was a very popular motorcycle with the police, as shown in this movie exert.

## 1987 Ural IMZ-8.903 (Урал ИМЗ-8,903)



## 1987 Ural IMZ-8.903 (Урал ИМЗ-8,903-10)



#### 1987 Ural IMZ-8.903 (Урал ИМЗ-8,903-10) (cont.)





Rear Swing-Arm with Hydraulic-Spring Shock

Ventilation Louvers in Rear of Sidecar for Battery Fumes

Ventilator louvers were needed to vent battery fumes. Extra batteries were needed due to the poor performance of the Γ-424 alternator.

# 1987 IMZ-8.903 Patrol (P)









650cc Valve Cover

1988 IMZ-8.903 Patrol (P)



The IMZ-8.903 Patrol had a 650cc, 32 Hp engine.

## 1991 IMZ-8.903 Patrol "DPS"









1991 IMZ-8.903 (ИМЗ-8,903)



Notice the single bracket on the front fender and the bottle-cap wheel hubs

#### урал IMZ-8.903-10 (fotki.yandex.ru)













#### 1991 IMZ-8.903







Mechanical Siren

Extra batteries were carried in the sidecar to help power the added equipment, such as lights and a public-address system.

Ural IMZ-8.903-10 (patrol)









The IMZ-8.903-10 was produced "on order" for the police.

Mechanical

#### Ural IMZ-8.903 Police







The sidecar was used by the Police to take drunks to the pokey.

#### IMZ-8.903-10 (Robert Godlewski at www.facebook.com)



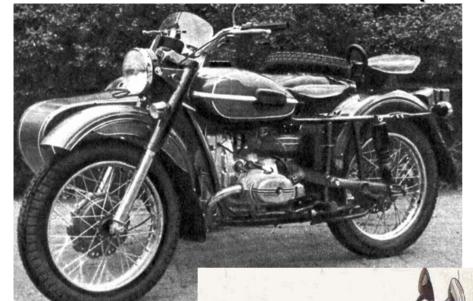






Need to identify the model and the accessories.

#### IMZ / Ural IMZ-8.103 (Ural 650): 1984-2002



The IMZ-8.103 series served as Ural's basic machine, carried on into the modern 650 solo and sidecar models with various cosmetic and design options.

# Monument to Ural (IMZ 8.903) in Front of Traffic Police Station in Abakan, Republic of Khakassia, Russia (bikepost.ru)

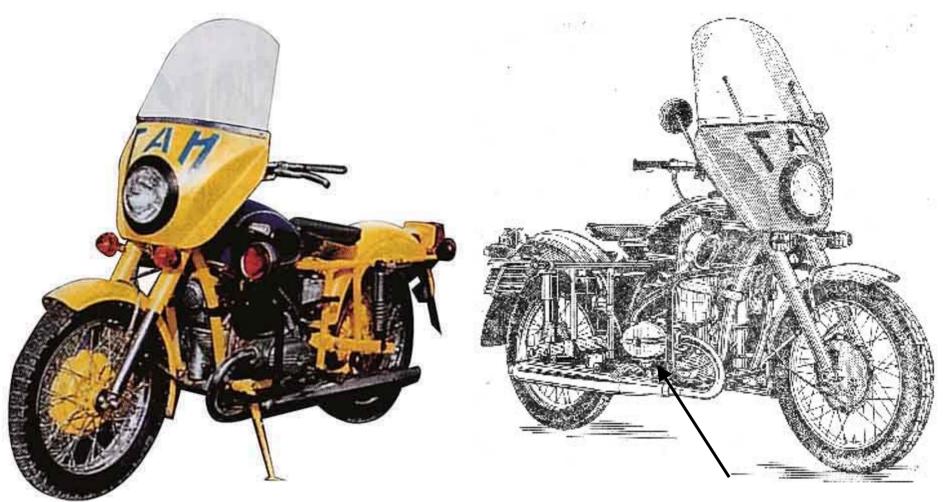


Over 70 years, the police in the majority (especially in large cities) moved to cars for patrol territory in the rugged climate they are much easier and more enjoyable.

## Ural IMZ-8.903 on www.ebay.de



#### Ural IMZ-8.923 (Motorcycle without Sidecar)



650cc Valve Cover

The solo version of the bike sported 18" wheels. It is easy to spot because of the distinctive, front wind-screen.

## Ural IMZ-8.923 (Урал ИМЗ-8,923)

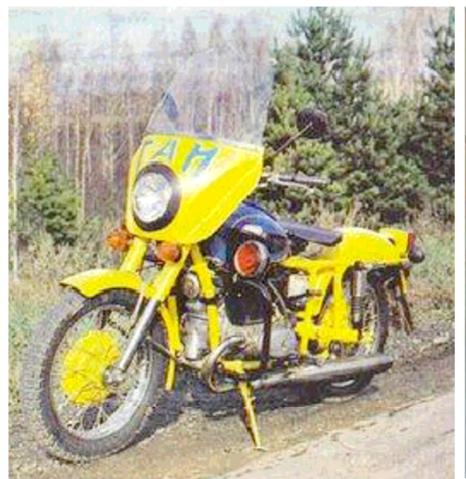


# Ural IMZ-8.923 (Урал ИМЗ-8,923)



Irbitsky plant produced special "Ural" - Patrol IMZ-8.923's for the GAI, with a set of flashing lights, mechanical siren and other special devices.

# Ural IMZ-8.923 Solo Police (ИМЗ-8.923 соло)





#### 1:18 Scale Ural IMZ-8.923 Patrol Die-Cast Model



(www.ebay.com)

Ural IMZ-8.923 GAI Russian Police Motorcycle List price: £25.20 (http://www.ebay.co.uk)

#### 1991 Ural IMZ-8.903 Re-Painted in Olive Drab



#### 1980 IMZ-8.923 Mechanical Siren













The mechanical siren was driven by a spring-loaded shaft to the clutch, and activated by a right-side pedal.