

Technical Information

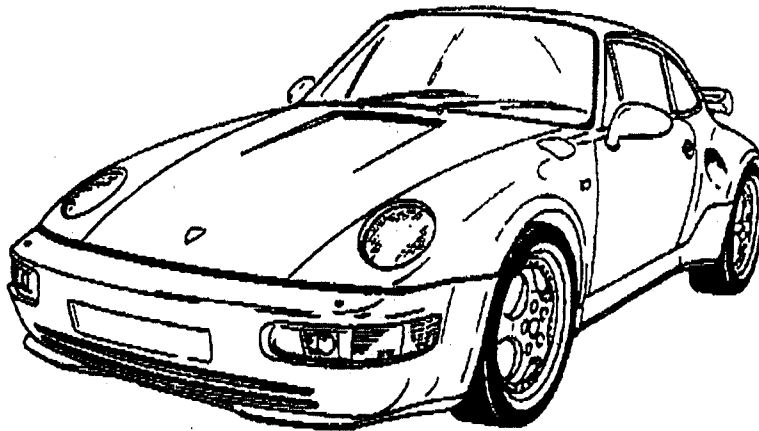
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X_E

911 Turbo 3.6 "Flat-Nose"

Rep. Gr. X0

Vehicle Type: 911 Turbo 3.6 "Flat-Nose"
 Model Year: '94 (R)
 Concerns: Description of 911 Turbo 3.6 "Flat-Nose"



General: The overall concept of the 911 Turbo 3.6 "Flat-nose" model is similar to that of the 911 Turbo 3.6 "standard version", Model Year '94 (R). Comparisons made in the following descriptions refer to this standard version.

The 911 Turbo 3.6 "Flat-nose" model is offered in the following versions:

- **Version I X 83** - Japan model (described from page 3).
- **Version II X 84** - Rest of World model (described from page 2).
- **Version II X 85** - U.S.A. model (described from page 4).
- **"Package" version** - U.S.A. model (described from page 5).
- **Engine X 88** - Turbo engine with increased output - 3.6 liters, 283 kW (385 HP). This engine is an integral part of the specification of the 911 Turbo 3.6 "Flat-nose" model. As an added option, this engine can also be fitted to the 911 Turbo 3.6 "standard version" (as described from page 6).

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Vehicle

Description: **911 Turbo 3.6 "Flat-Nose" - Version II - X 84 / "Rest of World"**

Engine

Engine type - M 64/50 S
Displacement - 3600 c.c. (3.6 l)
Engine output - 283 kW (385 HP)

Scope of modifications:

- Camshaft
- Gearwheels
- Turbocharger
- Four-pipe exhaust system

Transmission: **5-speed manual transmission G 50/52 as on standard version.**

Running gear: **As 911 Turbo 3.6 standard version.**

Wheels/tires:

- Front axle: 225/40 ZR 18 tires on 8 J x 18 H2 wheels, 52 mm wheel offset
- Rear axle: 265/35 ZR 18 tires on 10 J x 18 H2 wheels, 61 mm wheel offset
- Polished wheels (M 407).

Body:

- Front wheel housing modified (headlamp housing)
- Front fenders modified - Flat-nose version
- "Exclusive" front spoiler 3.6
- "Exclusive" rear spoiler 3.6
- Front air inlet for oil cooler
- Air inlets in rear left and right side panels for engine cooling
- Oil cooler system modified
- Auxiliary oil cooler added
- A/C condenser modified
- Undertray modified
- Pop-up headlight housing modified
- Windshield and headlight washer tank modified
- Front wheel housing liners modified (with air louvers)
- Rear wheel housing liners modified (single-piece - GRP).

Interior: **All interior trim versions of the 911 Turbo 3.6 - Model Year 1994 (R) are available.**

Exterior body

colors: **All colors of the 911 Turbo 3.6 - Model Year 1994 (R) are available.**

Electrical system:

- Front wiring harness modified - Triggering for windshield and headlight washer system as well as oil cooler and condenser blower (A/C system).
- Auxiliary wiring harness for headlights and headlight beam adjustment
- New headlight beam adjustment switch

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Version II - X 84 / "Rest of World" (Continued from page 2)

- Main headlights modified - pop-up type
- Fog lights deleted, replaced by air scoops
- Auxiliary headlights fitted in air scoops (Headlight flashers - specific countries only)
- Signal horn - replaces air horn
- 320 km/h speedometer - specific countries only (not with MPH speedometer).

Equipment

options: All M-numbers of the 911 Turbo 3.6 - Model Year 1994 (R) are available.

Vehicle

description: **911 Turbo 3.6 "Flat-Nose" - Version I - X 83 "Japan"**

Engine

Engine type - M 64/50 S
Displacement - 3600 c.c. (3.6 l)
Engine output - 283 kW (385 HP)

Scope of modifications:

- Camshaft
- Gear
- Turbocharger
- Four-pipe exhaust system

Transmission: 5-speed manual transmission G 50/52 as standard version.

Running gear: As 911 Turbo 3.6 standard version.
XD 7 tower crossbrace (against surcharge).

Wheels/tires:

- Front axle: 225/40 ZR 18 tires on 8 J x 18 H2 wheels, 52 mm wheel offset
- Rear axle: 265/35 ZR 18 tires on 10 J x 18 H2 wheels, 61 mm wheel offset
- Polished wheels (M 407).

Body:

- Front wheel housing modified (Headlamp housing)
- Flat-nose type fenders with front wheel housing vents
- "Exclusive" front spoiler 3.6
- Front air inlet for oil cooler
- Air inlet ducts with lands at rear fenders
- Sill covers on left and right sides
- Oil cooler system modified
- Auxiliary oil cooler added
- A/C condenser modified

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Version I - X 83 / "Japan" (Continued from page 3)

- 72-liter fuel tank
- Undertray modified (with air louvers)
- Front wheel housing liner modified (with air louvers)
- Pop-up headlight housing modified
- Windshield and headlight washer tank modified
- Z application 1637 - bucket seats as on 911 Carrera RS
- No backrest and seat belts in rear.

Interior: All interior trim versions of the 911 Turbo 3.6 - Model Year 1994 (R) are available.

Exterior body colors: All body colors of the 911 Turbo 3.6 - Model Year 1994 (R) are available.

Electrical system:

- Front wiring harness modified - Triggering for windshield and headlight washer system as well as oil cooler and condenser blower (A/C system).
- Auxiliary wiring harness for headlights and headlight beam adjustment
- New headlight beam adjustment switch
- Main headlights modified - pop-up type
- Fog lights deleted, replaced by air scoops
- Flashers with side lights
- Signal horn instead of air horn
- Roof antenna as on 928.

Equipment options: All M-numbers of the 911 Turbo 3.6 - Model Year 1994 (R) are available.

Vehicle description: **911 Turbo 3.6 "Flat-Nose" - Version II - X 85 / USA**

Engine

Engine type - M 64/50 S
Displacement - 3600 c.c. (3.6 l)
Engine output - 283 kW (385 HP)

Scope of modifications:

- Camshaft
- Gear
- Turbocharger
- Four-pipe exhaust system.

Transmission: 5-speed manual transmission G 50/52 as on standard version.

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Version II - X 85 / USA (Continued from page 4)

- Running gear:** As 911 Turbo 3.6 standard version, U.S.A. specification.
- Wheels/tires:**
- Front axle: 225/40 ZR 18 tires on 8 J x 18 H2 wheels, 52 mm wheel offset
 - Rear axle: 265/35 ZR 18 tires on 10 J x 18 H2 wheels, 61 mm wheel offset
 - Polished wheels (M 407).
- Body:**
- Front wheel housing modified (Headlamp housing)
 - Front fenders modified - Flat-nose
 - "Exclusive" front spoiler 3.6
 - "Exclusive" rear spoiler 3.6
 - Front air inlet for oil cooler
 - Air inlets in rear left and right side panels for engine cooling
 - Oil cooler system modified
 - Auxiliary oil cooler added
 - A/C condenser modified
 - 72-liter fuel tank
 - Undertray modified
 - Pop-up headlight housing modified
 - Windshield and headlight washer tank modified
 - Front wheel housing liners modified (with air louvers)
 - Rear wheel housing liners modified (single-piece - GRP).
- Interior:** All interior trim versions of the US ordering system for the 911 Turbo 3.6 for Model Year 1994 (R) are available.
- Exterior body colors:** All body colors of the US ordering system for the 911 Turbo 3.6 for Model Year 1994 (R) are available. Selection of personalized body colors is not possible!
- Electrical system:**
- Front wiring harness modified - Triggering for windshield and headlight washer system as well as oil cooler and condenser blower (A/C system)
 - Auxiliary wiring harness for headlights
 - Main headlights modified - pop-up type
 - Fog lights deleted, replaced by air scoops
 - Signal horn instead of air horn.
- Equipment options:** All M-numbers of the US ordering system for the 911 Turbo 3.6 - Model Year 1994 (R) are available.

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Vehicle description: **911 Turbo 3.6 "Package" - USA**

Engine (X88):

- Engine type - M 64/50 S
- Displacement - 3600 c.c. (3.6 l)
- Engine output - 283 kW (385 HP)

Scope of modifications:

- Camshaft
- Gear
- Turbocharger
- Four-pipe exhaust system

Transmission: **5-speed manual transmission G 50/52 as standard version.**

Wheels/tires: Front axle: **225/40 ZR 18 tires on 8 J x 18 H2 wheels, 52 mm wheel offset**
Rear axle: **265/35 ZR 18 tires on 10 J x 18 H2 wheels, 61mm wheel offset.**

Body:

- X 92 "Exclusive" front spoiler 3.6
- X 93 "Exclusive" rear spoiler 3.6
- X 99 Air inlets in left and right rear side panels for engine cooling
- Rear wheel housing liners modified (single-piece).

Engine description: **911 Turbo 3.6 Liter - engine with increased output - X 88**

Engine - X 88:

Type	- M 64/50 S
Displacement	- 3600 c.c. (3.6 l)
Output	- 283 kW (385 HP) at 5,750 rpm
Torque	- 520 Nm (53 kpm) at 5,000 rpm.

Scope of modifications:

- Cylinder head inlet and exhaust ports modified
- Inlet manifold and spacer flanges modified
- Modified camshafts
- New turbocharger
- Turbocharger bracket
- Valve timing 1.26 + 0.1 mm (inlet valve stroke in overlapping TDC)

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Part No.: **Engine with increased output - X 88 (Continued from page 6)**

Part No.	Part designation	Quantity
964.105.247.08	Camshaft, left-hand	1
964.105.246.09	Camshaft, right-hand	1
911.105.171.02	Spacer flange for LH camshaft	1
900.087.082.02	Bolt	4
900.082.072.01	Bolt	2 *
930.113.025.03	Gearwheel	1
930.100.908.03	Gasket set	1 *
930.123.003.03	Turbocharger	1
930.123.121.06	Bracket for turbocharger	1
964.104.033.22	Cylinder head	6
930.110.141.04	Flange	6
930.110.034.05	Inlet manifold	1

Note: The parts indicated - without the * symbol - are only available from the Porsche AG - Kundenzentrum (Stuttgart-Zuffenhausen)!
Phone 0711-827 5290/5602/5488, Telefax 0711-827 6227, Telex 7252 5141.

All information in this Technical Information is up-to-date as of 09/93.
Design, material, shape and scope of delivery are subject to change of without notice.

If have any other questions relating to the 911 Turbo 3.6 "Flat-nose" model, please contact the VRS department:

- Phone: 0711 / 827 5330 - Mr. Willrett
- Phone: 0711 / 827 5572 - Mr. Kapfenstein.