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REPARATURANLEITUNG

REPAIR MANUAL

Edition 2004

MANUEL DE REPARATION





PREFACE

This manual contains detailed instructions on repairing the engine. It was prepared according to the state of the art for this model series. We reserve the right to make modifications based on technical progress without making the respective corrections in this repair manual.

This manual does not contain a description of general shop or working methods. It does not include safety rules generally observed in workshops and is based on the assumption that the work is performed by a mechanic who has completed his vocational training.

Please read the entire manual before starting to work.



WARNING: failing to observe these instructions can be dangerous to life and limb.



CAUTION: failing to observe these instructions may damage the motorcycle/engine components or impair the motorcycle's traffic safety.



NOTE: provides useful information.

Only use **ORIGINAL HUSABERG SPARE PARTS** if parts need to be replaced.

The engine will only continue to operate safely if the prescribed service work is performed regularly and professionally.



Subject to changes in construction and design.

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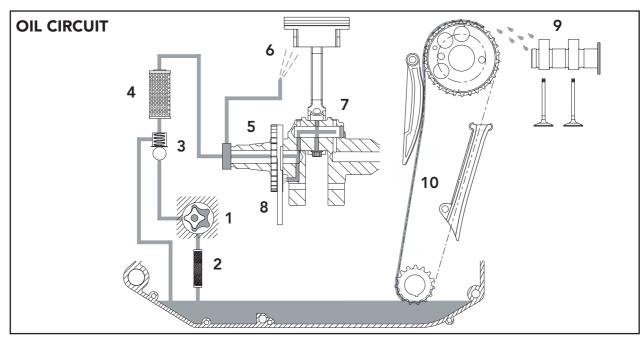
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GENERAL INFORMATION



DESCRIPTION:

The oil pump (1) draws the engine oil from the oil sump through the oil screen (2) and pumps it past the pressure relief valve (3) to the oil filter (4). It continues to the crankshaft (5), partly branching off through a hole to lubricate and cool the piston (6) and the piston pin bearing. Once through the crankshaft, the engine oil is pumped to the conrod bearing (7) and branches off again to the bearings in the balance weight (8).

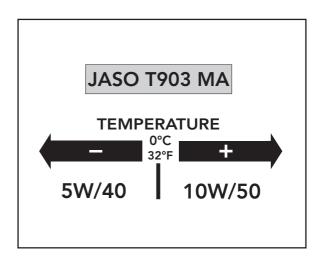
The camshaft (9) is lubricated by the engine oil which is transported to the cylinder head by the timing chain (10). On the downward movement of the piston, engine oil is pressed from the crankcase through the diaphragm valve (not depicted) to the transmission and shift mechanism.

ENGINE OIL

Only use fully synthetic brand-name engine oils (e.g.: Motorex Power Synt. 4T) that meet or exceed the Jaso T903 MA quality requirements (information on the can).



CAUTION: not enough engine oil or low-quality oil will lead to premature engine wear.



CHECKING THE ENGINE OIL LEVEL



NOTE: the engine oil level can be checked when the engine is cold or warm.

 Place the motorcycle on a level surface (not on the side stand).

If the engine is cold, the engine oil should be visible at the lower edge (A) of the inspection glass.

If the engine is warm, the engine oil should reach the upper edge (B) of the inspection glass.

Add engine oil if necessary.



CAUTION: not enough engine oil or low-quality oil will lead to premature engine wear.

- Check the engine for leakage.

