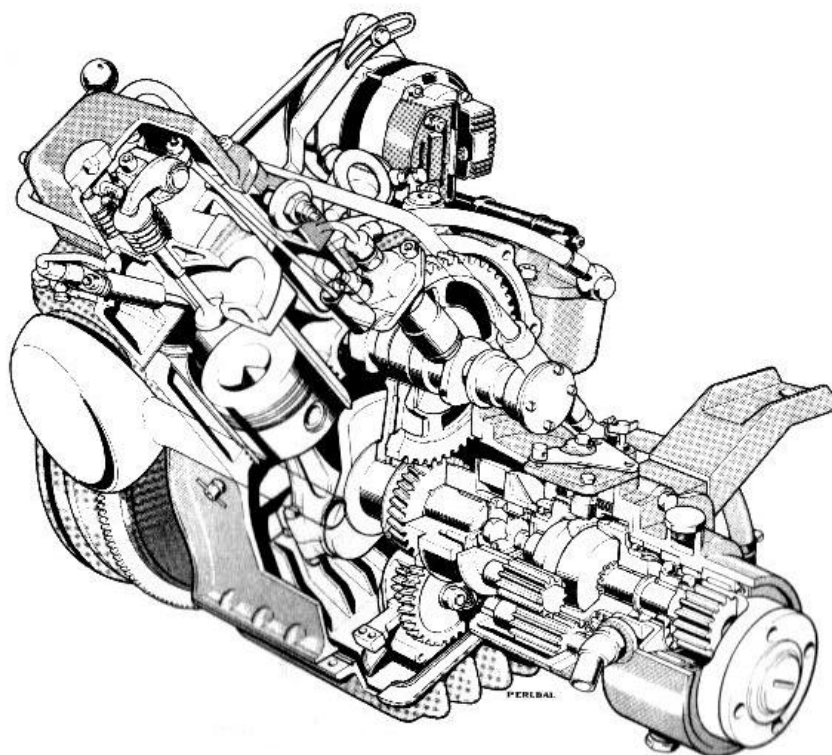




WORKSHOP MANUAL

MD5A Marine diesel engine



ENGINE UNIT

FOREWORD

This workshop manual contains repair instructions for the MD5A marine diesel engine. The instructions concerning overhauling describe the most suitable working method to be used with the special tools listed under the heading "Special tools".

Both the engine designation and its serial number must be clearly stated in all correspondence concerning the engine and when ordering spare parts. We reserve the right to carry out design modifications and, for this reason, the contents of this manual cannot be regarded as binding.

AB VOLVO PENTA

Technical Information Department

NEW UNITS OF MEASUREMENT

Technicians have long since tried to establish an internationally standardized system of measurements. In 1960 a decision was made to use a system called SI (Système International d'Unites). To a large extent, this system is based on earlier systems but the units have been made uniform so that no conversions are necessary.

The SI-system is now being applied within industry in Europe. This manual contains the new SI-units. The units used previously however, are also stated but in brackets.

The new units are:

Output is stated in kW (kilowatts)
earlier unit h.p. (horsepower)

Torque is stated in NM (Newton-metres)
earlier unit kpm (kilopond-metres)

Engine speed is stated in r/s (revolutions per second)
earlier unit r.p.m. (revolutions per minute)

Displacement and volumes are stated in dm³ (cubic decimetres)
earlier unit l (litres)

Pressure is stated in Pa (Pascal)
earlier unit kp/cm² (kiloponds per square centimetre).

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