

1995 Aprilia Motorcycle Rotax Engine 655 Service Repair Workshop Manual



Reparaturhandbuch Repair Manual

Type

655/95

Version with crankshaft bushings
Ausführung mit Kurbelbuchsen

933

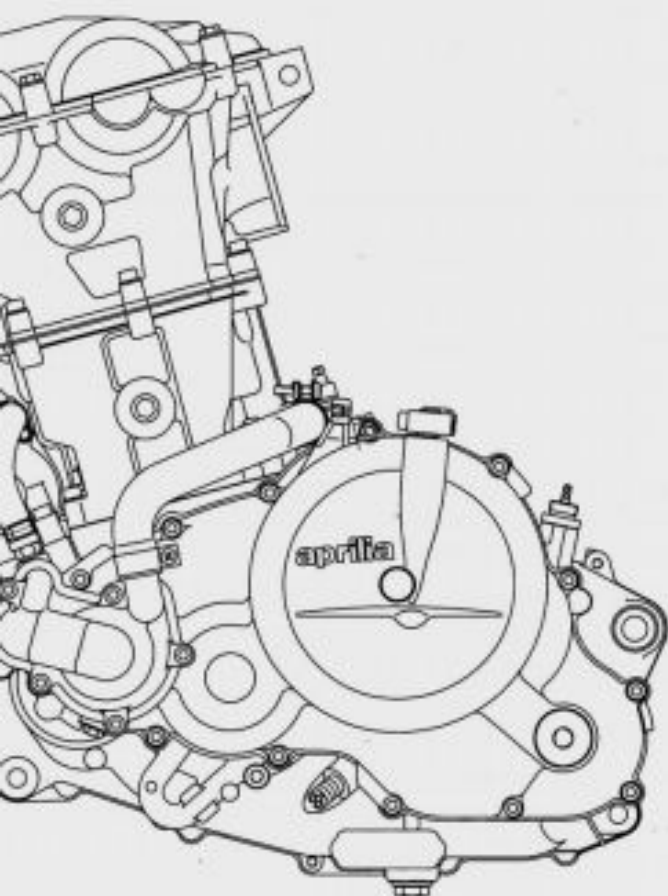


TABLE OF CONTENTS

page

Preface	2
Important Information	
Repeating symbols	6
General precaution and safety information	6
Engine components	9
Engine number — location	9
Lubrication system	10
Cooling circuit	11
Technical data	
Technical Data	13
Maintenance schedule	16
Requirements for maintenance and engine repair	16
General notes to procedure of maintenance and repair work	17
Special tools, securing-, sealing- and lubrication agents	21
Tightening torques, securing and lubricating agents	26
Removal of the engine	
Engine removal	30
Setting up engine on trestle	31
Engine disassembly	
Electric starter — removal	32
Valve cover — removal	32
Crankshaft top dead centre — positioning	33
Cylinder head, cylinder, valve train — disassembly	34
Piston — removal	35
Ignition unit — disassembly	36
Electric starter drive — removal	37
Chain sprocket — removal	37
Oil seal of the main shaft — removal and refitting	38
Clutch cover — removal	38
Clutch and primary drive — disassembly	39
Camshaft drive — disassembly	40
Rev-counter drive (only engine version Pegaso 650)	41
Oil pump drive — disassembly	41
Crankcase — splitting	42
Crankshaft an balance shaft — removal	44
Gearshift and gearbox — disassembly	44

le

s ❶ liegende Kunststoff-
entfernen.

tring entfernen.

Kurbelwelle in **Zünd-OT-**

Kurbelwelle muß in der
sichtbar sein.

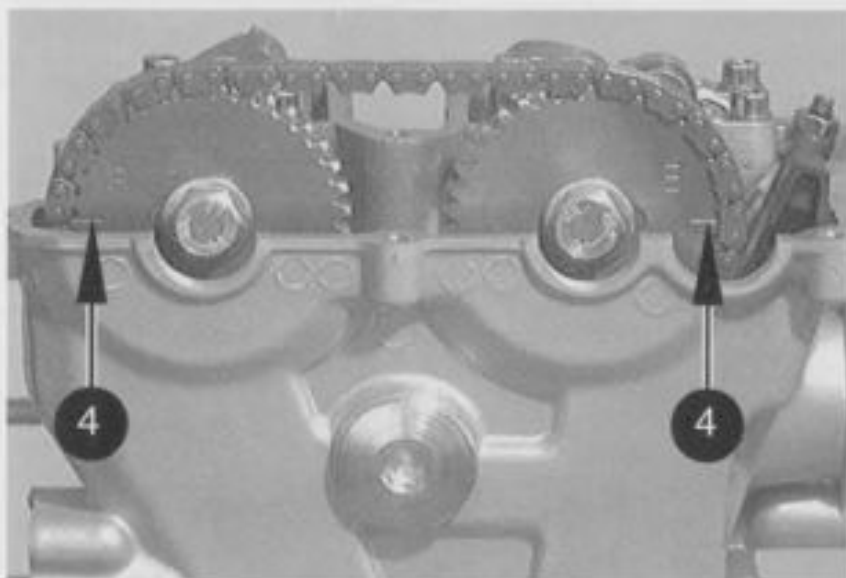
ellung liegen die Markie-
n Steuerräder ❷ parallel
trennfläche und zeigen

nderschraube M8 ❷ mit
in einwandfreies Einra-
elle spürbar ist.

windestift M8

TAX-Nr. 240 880

i mit Inbusschlüssel 6 ❸
bewegen. Der Gewinde-
fest (max. 5 Nm) ange-



Crankshaft top c

- Remove spark plug
- Remove the screw
- Remove Allen screw
- By using an Allen key
- T.D.C.

◆ Note:

Veri
web
❷ fo
is th
timi
ralle
the

- Fit crankshaft locking
- noticeably in the cra

Special tool

◆ Note:

Veri
to an
scre
(ma



Thank you very much
for your reading.
Please click here
to get more information.