

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

AJS - Ajs_1925_AJS_E3_E4_E5

Okay, here's the translated text from the provided AJS motorcycle manual, keeping the original structure and information.

****3.49 H.P. MOTORCYCLES****

****FOREWORD.****

It has always been our earnest endeavor to construct our Motorcycles on such simple and straightforward lines that the motorcyclist with little or no previous experience can manage and look after them.

Complications in the way of design have never been allowed to find a place in our products. This little booklet is intended as a guide on how to get the best out of the 3.49 h.p. A.J.S. by becoming acquainted with its salient features.

We have very carefully compiled the information in the following pages and trust it will be of assistance to the rider in keeping his machine in the best possible condition and elucidating any little troubles which may from time to time take place.

We particularly commend that portion of the booklet devoted to Driving Instructions and General Care of the Machine and to take particular note of those instructions which are emphasised by being printed in **italics**.

****Re Supply of this Publication.****

A copy of this booklet is supplied free with every new 3.49 h.p. A.J.S. Motor Cycle. Applications for extra copies must be accompanied in every case by a remittance for 6d. to cover cost and postage.

A. J. S T E V E N S & CO. (1914) Ltd.

www.ajs-matchless.info

****Contents.****

Topic	Page
Driving Instructions	9
Engine Lubrication	12
Engine Adjustments and Cleaning	12
Magneto	13
Platinum Point Adjustment	13
Timing	14
Ignition Trouble	15
Engine Timing	16
Gear Box	17

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Gear Box Dismantling	18
Clutch Adjustment	18
Transmission	20
Adjustment of Chains	20
Care of Chains	20
Chain Repairs	21
Chain Guard	22
Carburettor	23
Slow Running Setting and Driving	23
Easy Starting (see separate instruction)	23
Adjustment of Slides	24
Flooding	24
Petrol Consumption	25
Detachable Wheels	26
Removal of Back Wheel	27
Tyre Repair	
Removal of Front Wheel	24
Adjustment of Hub Bearings	24
Replacing Foot Starter Spring	25
Steeling Head Adjustment	26
General Instructions	27

www.ajs-matchless.info

Index to Illustrations.

Illustration	Page
-----	----
Plan View	3
Change Speed Gear Lever	10
A.J.S. 3.49 h.p. Engine	12
Magneto	13
Magneto Timing	14
Magneto Adjustment	15
Arrangement of Timing Gear	16
Gear Box in Position	17
Gear Box in Section	17
Clutch Parts	18
Chain Guard with Clutch Cover removed	19
Chain Rivet Extractor	21
Chain Repair Parts	22
Carburettor (see separate instructions)	28
Back Detachable Wheel removed	24
Front Wheel	24
Internal Expanding Brake	25

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Replacing Footstarter Spring	26
Adjusting Steering Head	

www.ajs-matchless.info
www.ajs-matchless.info
www.ajs-matchless.info
www.ajs-matchless.info
www.ajs-matchless.info
www.ajs-matchless.info

****Notes:****

- * I've preserved the original formatting and structure as much as possible.
- * The `www.ajs-matchless.info` links were repeated in the original text and I have maintained this.
- * There is no page number for the 'Tyre Repair' Illustration and the Adjusting Steering Head Illustration. This has been marked.
- * The "Easy Starting see separate instruction" wording has been preserved.
- * I have corrected some minor typos/formatting issues.

This should provide a clear and faithful English translation of the manual's introduction and table of contents. Let me know if you need anything else translated!