

It is highly important, that the order we be interface wighthand with the system all round whishwithin two parts is obtained.

"Indeside our vehical should be dead patielled with the wheel of spale and abay perfects vertical. The cycle also should be quite spacelet, and and demong situation of vest or reward. Two situight places of wood, about 2 or 3 feet long should be need to text the alignment. One place about the placed places long wheels of evelo and the after algobra the sale our wavel, and when metsioned are your wavel, and the after algobra the sale our wavel, and when metsioned are your wavel, and the after algobra.

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Alson a drote the more unit of its an operation of the basis performents towards the solar car. It is not only uninconstry to the pair of great strain on the site of a strain on the

sk Puor the marchine has been in one a little threat constrained happened that the side side for forms will take a personnell "set," ensing the cycle to here slightly towards the one car, . This is easily roundied by means of the february computer rat. Set were the again pillar and the sale car axis.

When turning a corner sharply to the left, test tim holy to the left, adapt turning to the right least the body to the right. It is not sufficient, however, to sharply least the body, the Aller should throw the weight of his body to the direction.

Alternate undex much burderies, the topolish corner of a reasonable speed separately when thereing to the before-responding at from the grant laternistical on the machine and feats to before wheel our wheel from the grant laternistical mathematics the sight the interval structure to the corner is the approximate direction and has a consider effection. The side car axis with the torque red. When taking a corner to the sight of heat speeds this speeds the specific and has a traitful contex of side our construction.

The A.J.S. side one wate is made specially stoning for this reason, but the rider will be well artified if he takes currents a fractionality and safe specif.

When turning in the left while climbing a very steep bill at a multiple signed blue not so increasing to have not the streetlen. Its the natural sets drive of the side car tends to torn the mathine to the left. When torning to the right mater the some conditions the driver and phase ager should rehat wall to the Hight.

When climiting a very steep hill the passenger should get in a position that will put as much weight be position on the back where of a crois. It will prove the the wheel slipping, and will complement the tendency of the Bile car to drug. When descenting very steep initials will help the streng due if the passenger will per as much weight on the driving wheel as passible. This passenger will per as fishely hole.

With the exception of the instances involunced above, they is an messarily for the praceiger to be continually invalue; to the foft or to the right, expectingly if unitary copiers are taken at a reasonable and site speed. It is not an automorphic dight to see a passenger continually locating to due digretion of the other, over a top taking a very slight curve in the read, with the trainfalm first that it here is the stead of the sour only numericating hour is make a foll of what reach the sourclearing. It is successfully monecowary has it makes a loji of what should be a pleasure,

The old skying "100 race is not always to the do do," is very trace, when singlish to maximum. The task of driver who hamps no consistent to coombin Americ is neughly much more obtain of row bug his destination, not only in goal time.

As a first word on other ergs, we would extend by at rise and friends to order the complete combination of this has not already been doughned not fit one of the other are very bally designed is the toroket is doo let because of the expension ones are very bally designed. The toroket is doo let because the inter-cant, are positively despertue. The worker reliable the matter order has to a wide one which a stroky spin or toroket as a solution of the expension of the stroky of the positively despertue.

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MOTOR CYCLES.

FOREWORD,

W^E have pleasure in providing the riders of A.J.S. Machines with a comprehensive Instruction Book. dealing with our 7'99 h.p. Motor Cycle and Sidecar.

The Booklet has been very carefully compiled, and we trust that the information contained in the following pages will be of assistance to the rider in tackling little adjustments, or clucidating any troubles which may from time to time take place.

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Many adjustments and little troubles can, however, be avoided if the new rider will carefully read-and remember what he has read-that portion of this Booklet devoted to Driving Instructions, and general care of the machine, and particularly take 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 A.J.S. Motor Cycle. Applications for extra copies must in every case be accompanied by a remittance of 6d, to cover cost and postage,

A. J. STEVENS & CO. (1914) Ltd.

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General.

Contents.

Density Sesteration k Logine Labelention 8 Subject Laboration 8 Modified and 9					Page
Logitor Lubitenion 8 Logitor Adjustments and Gleaning 8 Magine Multiments and Gleaning 8 Macriela Platinon Point Adjustment 8 Marine Platinon 8 Med Adjustment of Hub 8 Marine Platinon 8 Marine Platinon 8 Med Adjustment of Hub 8 Marine Platinon 8 <tr< td=""><td>Literarity of Sectore Linear</td><td></td><td></td><td></td><td>L.</td></tr<>	Literarity of Sectore Linear				L.
Magning 10 Machine Plantation Prior Adjustment 10 Machine Plantation Prior Adjustment 10 Magnine Timolog 11 Martine Timolog 12 Gear Plas 13 Gear Plas 13 Gear Plas 13 Gear Plas 13 Function 13 Function 14 Magnet Timolog 13 Function 14 Magnet Timolog 13 Function 14 Magnet Timolog 15 Carboration 16 Magnet The Statement 17 Charling 17 Satisfy and Driving 17 Satisfy and Driving 17 Satisfy and Driving 17 Physiling 17 Satisfy and Driving 17 Physiling 17 Satisfy and Driving 17 Physiling 18 Physiling 19 Satisfy and Driving 10 Physiling 10 Partice 10 Removal of Back Wheel 10 Removal of Back Wheel 10 Removal of Back Wheel 10 Adjustment of				-	é.
Magnetic Plantations Point Adjustment 0 Magnetic Plantations Point Adjustment 0 Magnetic Plantation 11 Magnetic Plantation 12 Gener Post 13 Function 14 Transmission 14 Transmission 16 Adjustment of Chains 17 Cauin Repairs 17 Sone Repairs 17 Cauin Consumption 18 Moding 19 Sone Repairs 19 Magnetic Consumption 19 Sone Repairs 19 Cauchalle Wheel 19 Removal of Back Wheel 19 Rem Wheel Adjustment Hauge 29 Adjustment of Hock Spring 21	churine Addustmonts and Glean	lne			Ĥ
Mainsta Pladown Point Adjustment Timing Senifical Provide Senifical Provide Senifical Provide Senifical Provide Carbon Adjustment Prevenuesion Adjustment of Chains Carbon Repairs Salar Salar Salar Repairs Salar Salar Salar Salar			1.1		111 I
Timing 11 Senifies Timing 12 Gase Hos 13 Gase Adjustment 14 Data Adjustment 16 Data Adjustment 16 Chain Repairs 17 Son Separate Instructions 17 Son Separate Instructions 17 Son Repairs 17 Son Separate Instructions 17 Son Separate Instructions 17 Prove Repair 19 Removal of Rock Wheet 19 Removal of Rock Wheet 29 Adjustment of Hob Repairings 29 Adjustment of Hob Repairing 21 Adjusting Spring Toola 21 Adjusting Spring Toola 21	Magneta Phylopon Point Adjust	Luorod.			III.
Senitive 11 Figure Timolog 12 Geer Hos 13 Geor Hos 14 Cautor Adjustment 14 Cause Adjustment 16 Chain Repairs 17 Chain Cace 17 Solar Repairs 18 Methods 19 Statement of Silder 10 Removal of Back Wheel 10 Removal of Back Wheel 20 Removal of Chain and Hop Bearings 21 Adjustment of Hop Bearings 21 Adjustment Marke Adjusting Spring 21 Adjusting S	Timiug				
Forgive Timolog 13 Giver Hox 13 Giver Hox 13 Caular Adjustment 14 Prevenuemin 16 Adjustment of Chains 16 Uaro of Chasns 17 Chain Repairs 17 Chain Repairs 17 Chain Cose 17 Chain Repairs 17 Chain Cose 17 Physellog 18 Posted Consenaption 19 Renoval of Ender Wheel 19 Renoval of Ender Wheel 29 Adjustment of High Receives 21 Adjustment of High Receives 21 Renoval of Ender Missing Spoint	Whiteon Promblo				1
Giver Post 13 Giver Piez Discreating 13 Giver Piez Discreating 13 Function Adjustment 13 Transmission 14 Adjustment of Chains 16 Casin Repairs 17 Chain Repairs 17 Chain Repairs 17 Chain Repairs 17 Construction 17 Solar Rutaning 18 Planding 19 Removal of Back Wheel 10 Removal of Rutan Rutan Rutan 20 Adjustment of High Reserings 20 Adjusting Solar Poils 21 Adjusting Solar Poils 21 Adjusting Solar Poils 21					
Gener Flow Discr. and Dog Fouther Adjustment 100 Crace-moment 10					
Could Adjustment 14 Travariant 16 Adjustment of Chains 16 Uaro of Chasns 17 Chain Repairs 17 Solution Repairs 18 Physical Consumption 18 Solution Repair 19 Removal of Rack Wheet 19 Removal of Rack Wheet 19 Removal of Rack Wheet 29 Adjustment of Hub Receives 29 Adjustment of Hub Receives 29 Reparal of Front Wheet 29 Adjustment Receives Head 21 Adjusting Spoint Forth 21					
Traconnomin 16 Adjustment of Chrine 17 Caun Repairs 17 Chain Repairs 17 Chain Repairs 17 Construction 17 Solar Repairs 18 Planding 18 Parallog 19 Solar Repairs 19 Removal of Rock Wheet 10 Removal of Rock Wheet 29 Adjustment of Hole Rescings 29 Repairs of Hole Solaring Spring 21 Adjusting Solar Forla 21 Adjusting Spring Toola 21					
Adjustment of Chainé 10 Uaro of Cheque 17 Chain Repairs 17 Chain Coau 17 Construction 17 Sole Relating 18 Phonellog 19 Construction 10 Sole Relating 10 Sole Relating 10 Sole Relating 10 Removal of Eldek Wheel 10 Renoval of Eldek Wheel 10 Renoval of End Mynetics of Heal 20 Adjustment of High Rescings 21 Reprint State 21 Adjusting Eldes of Read 21 Adjusting Sole Sole Read 21 Adjusting Sole Sole Read 21	Precentarium .				16
Laro of Chasns 17 Chain Repairs 17 Chain Repairs 17 Carborattor 58 Solution and Driving Enay Starthop Adjustment of Silders Physical Consumption Solutions of Silders Physical Consumption Solutions of Silders Physical of Silders Physical Consumption Solutions Physical Consumption Solutions Physical Adjustment Hampell Removal of Find Wheel Removal of Find Wheel Removal of Find Wheel Removal of Find Wheel Solutions Removal of Find Wheel Solutions So	Adjustment of Chains				
Chain Repairs 17 Chain Chen 17 Chrismattur 18 Solar Rutaning 17 Solar Rutaning 17 Solar Rutaning 17 Solar Rutaning 17 Solar Rutaning 17 Solar Rutaning 18 Pluming 18 Solar Separate Instructions Pluming 19 Solar Separate Instructions Removal of Ruck Wheel 19 Removal of Ruck Wheel 19 Removal of Ruck Wheel 19 Removal of Ruck Wheel 19 Removal of Plumit Neel 19 Adjustment of Hub Revenues 19 Removal of Plumit Spring 19 Removal of Plumit Spring 19 Removal Spring Spring 20 Rephacing Social Ports 19 Removal Spring 19 Removal Spring Spring 20 Removal Spring 20 Removal Spring Spring 20 Remo	L'aro of Chasus				17
 Carne Case Carpborntfor Sole Reference Adjustment of Silders Sole Separate Instructions Adjustment of Silders Sole Separate Instructions S					17
Carlsmatter Sole Rhaming Sole Rhaming Adjustreent of Silder Physics Descal Consumption Statistics Physics State Removal of Back Wheel Tyre Repair Removal of Endt Wheel Removal of Endt Science Science State Removal St					17
Sole Rhining Setting and Driving Edgy Starting Adjustreent of Silder Physical Consumption Set Consumption Starting Spectra and Large		· ·			
Setting and Driving Enary Starting Adjustment of Silder Planding Person Consumption Setachadie Wheel Nemoval of Back Wheel Nemoval of Back Wheel Proc Repair Rem Wheel Adjustment of Hub Bearings Adjustment of Hub Bearings Removal of Frint Wheel Removal of Fr					
Final Starting Son Separate Instructions Adjustment of Silders 10 Papelling 10 Descal of Back Wheel 10 Senoval of Back Wheel 10 Tyre Repair 10 Removal of Back Wheel 10 Removal of Back Wheel 10 Removal of Back Wheel 10 Removal of Final Model 20 Removal of Final Wheel 20 Removal of Final Wheel 20 Removal of Final Second S					
Adjustreent of Silder Pipeling Detail Consumption Secuchalle, Wheel Removal of Back Wheel Tyre Repair Removal of Front Wheel Removal of Front Wheel Removal of Front Wheel Secure State Removal of Front Wheel Secure State Removal of Front Wheel Secure State Removal of Front State Secure State Removal State Secure State Secure State Secure State Secure State Secure State Secure State S		erate high	no Unite-		
Florellog					
Defent Consumption of Successful Consumption of Successful Consumption of Successful Consumption Prove Regardree Of Removal of Frank Whited Of Adjustment of High Reservices Of Reservices States Of Reservices Of States Of Reservices Of States Of States States Of States Of States Of States Of States States Of States Of States States Of States Of States Of States Of States States Of States O	Flured 1202				
Solachable 10 Vernoval of Back Wheel 10 Pyre Repair 11 Ren Wheel Adjustment Bacge 21 Adjustment of Hub Baselings 21 Rear Store 21 Rear Store 21 Rear Store 21 Adjusting Evolution Head 21 Adjusting Spring Fork 21	Detroi Consumption				
Removal of Back Wheel	Stetachedilo, Wheele				ווך
Tyre: Exclat7 00 Remarkal of France 00 Adjustment of Hub Revealer 00 Marke Adjustment of Hub Revealer 00 Haske Adjustment of Hub Revealer 00 Reproval of France 00 Revealer 00 Replacing Evolution Hubble 00 Adjusting Evolution Hubble 00 Adjusting Specing Fork 00	Removal of Back Wheel			-	
Rein Wheel Adjustment Dauge					
Removal of Frint Whitel Adjustment of flub Bearings					
Adjustment of High Bearings	Removal of Print Whitel				
Herke Adjustment	Adjustment of Hub Bearings				
Representation Sector Sector States States Sector States Sector States Sector S					1
Adjusting Howing Head Judjusting Spring Fork	Rear Slata	30.00			
Adjusting Moreing, 0.030 Adjusting Spring York 21	Replacing Foodstarting Spring	12.7			2.1
Adjusting Spring Fork	Adjusting Hurring Head				71
	Adjusting Spring Fork				
CONTRACTOR CONTRA	General Instructions				
Siderar Bints 34	Siderar Hints				26

Index to Illustrations

Phys. Vinty			26
Change Speed Genry Meyer			Hi
A.J.S. 798 D.D. Rogine Magdynnau Wesitten			×.
Magdy Diz			in.
Magneto Commu			11
Area Box in Pasisian	10		12
Fight Date in Vertical			17
Chutch Ports			li i
Sharn Cone with Front stovor : States there Wild Storent			11
Transia asion			11.
Chain River Extractor	 • • 		18
Princill Report Parts. Hurls, Detappedies, Whited moreover	1 and		1.0
the official face quant frame	-		- h 1

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Keep the maximum close. If that, etc., is allowed to accomposible, it will work into hearings, especially the holes, and causes under work. The not wash the machine down with a bree pays. By so depict it is cospile for water in the parter lank or entburghter, and cause (models). Remarks what by means of a sponge and a burket of water.

Each tools tightly in the tool case with cleaning cloths, and an preventhem ratifling obstit. Thest spring parts the same, or better stall, carry tools and entre parts in the backer of side are where they will not be subjected in such parts hyper in the backed or the parametrized on consider. The pending large can be used for energing spars takes if they are enceindy and tightly packed, but it mends encroned estruction of they are not find and tightly packed, but it

Keep the back type fully suffaces, but not beard hard, and see that somethy holds are light. It is not meressicy to back the fract type in faced of bard as the leads

When the disclose is used as a solo mount do not fit all-steel scotter tyres. They are pushevely damperous on granite sets or fractions, especially if not.

It is not necessary to every a load of space parts with the machine. The muly parts that may be contined under activaty conditions are:---

One spars valve complete with spring, which can coller, a good substandal type repair outfit, one excelleng but and ball tiple for chains, but good sparsing plage on inside platter for type in wass of a ball out or burst, and a good supply of place calls on excellence.

For very long journeys or an extended sour it is when to carry its addition to the aboves a space front clouin complete with spring link, and a space cover and tube in case of service tyre trouble of a space detections when is but curred.

The 750 h.p. A. (S, is designed to every two presents, and huggings, **any** where, and the easily, but if you have a frenk full or your district, do not for the **elimb** if with all your friends between up in the sale car and on the extract. It is not fair to the makers,

Any further information required we shall only to ton happy to give if communicated with direct, but it will save unnecessary correspondence if nor patrons with ascertain first, that the information as not slowery given as this buokict.

"Safety First" Hints.

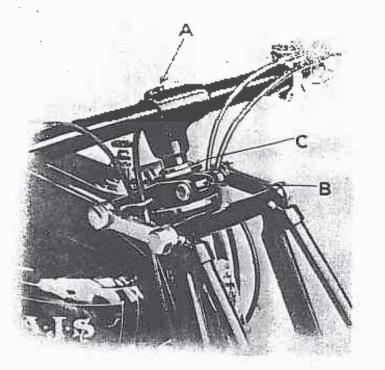
1. Noway drive faster than you can pull up in the distance you can see.

2. Manage matchings to overlplay a satisfy a child on a blind curver.

 Always keep closely to your algebraic of the paul when taking a blost conter.

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- Free way Roll as force to consider all a sharp tops with hear more.
- Shtekon Nod B.
- Which steering lossed to Net 15.
- 1. Lock up Nut II and Juple A.

Spring Fork Adjustment.

To take up may play which may have developed to the side flucks, on-easier the spinite back outs on the right-fluer) shie of the forket docking at the conclust fraction flue fracts, and three the spinites by roughes of the longits on the tell-fluent shie matine's she may a longit on μ . Afterwards light stop, back not

Driving Instructions, &c.

For 5 6 7'98 Map. Three-Road AV.S. Motor Cycle.

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Using our substitution of the cooled compared wave to prove the state of the test of the test of the state o

Torn on the petital by pathing the known of ten partial tap where most and "an "and link) the carbonetter by pressing the "firstly on the of the second rethe sitter will be found below the above notability the tank, the standard company but to the petition. This tap can be left to the "box" (Nather while reduce, and total only be targed off when the mapping is left sampling for a begins while the further instructions regarding boxes for we "Kaptus but trates of the Physics".

If just a small quantity of petrolimoniary independent completing encoders in table by quants of principle model when the rank. If will gravity by himse the catcy of the petrol and the cylinders of the orthogon when the rank is a state. After the set of has been injected as that the compression tigs of a short ingent.

Molecu the prepare is cald and different to tarm. It is addition accessively to

To start the machine curry out the following operations .

- See that the gene lever is at the "Number " position statical or actuality quadrant ([] autosign []).
- 3. Nearly close the air let or [the disting cost of much reaction compared or all optimization of the letter of the beneficial through the letter of the
- 2 Life she estimate votre by means of the lever on the claim handle bar grig.
- 1. Engage the fact stacker with the rigid, not taking the basep of the basis and processmantly basel would could down would, at altered the same time release the solve fitter wild the would should then start. Take the fact off the fact starts used instability the angue first bat do not altered to use starts a to spray back adds or "band" offset senteen the factor bring the fact back with the path, and an present a factor Now bring film in the star.

Dieschneizer these instructions avec been courtest out sales out the elatests be taken of the childen byter no the left taken suffer of handle have been the been haven in the sale section, spectrum price one-interval by open the the threat as 200 m and We ally science the childen byter. The conducte was then make the threat as 200 m by gent. When the childen has attraneed a fact means the days of a section put out the characteristic been the gene been the section gent problem is set as the results at a start of the gene been the section gener problem is a start of the courtering the childen is attracted as the section of the section of the results at the section of the gener been the section gener problem is a start of the courtering the section.

Report for operation to ougage high gener. When itemizing to high some the analytic much be obstabled by means of the threads bread that breaks. The stop, close the threads, and when the accelerations, at a standard, take put the closer, and apply to the symptote.

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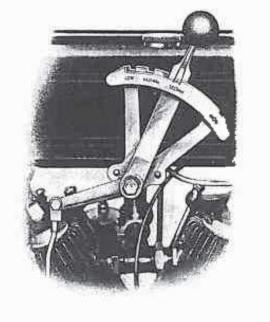
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thriving instructions, dr. continued

The elements of presed levur is uccanted as follows. To anyone the low gear from acatral, peak the bear lightly An the might and pullback words eas, unboling without pelow. To move to second gran. again pross lightly to the cross and number for lower forward Units Sisterial grant prestant. Que cogners high gives from securipress the lover to the /g// neet early it forward into the high nonision. How to operate the most lower will be stolenent a curreful existenciation is to ade of its construction. The goar horne has a positive stop for each near, whether charging up or down, and is that applicably looked in each positiger when released by Une Intral.

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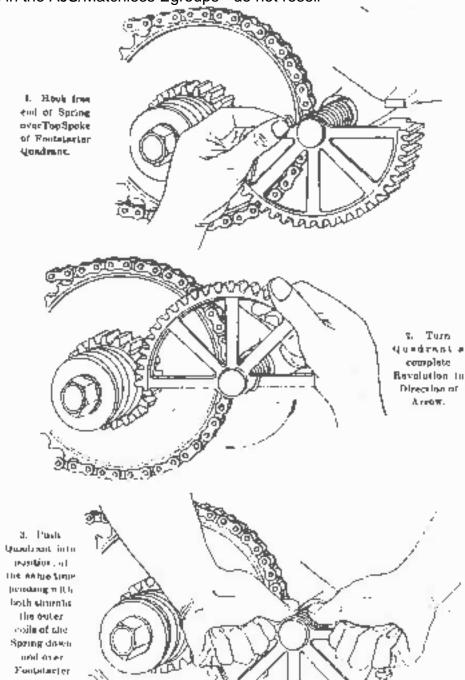
The A.J.S. Patent Change Speed Lever -DUMENTATION IS

this warning only applies when the provising is matianary, and when heing children.

We associate with the size lease of earburgetus again as for as possible origin when the engine firing property. It is fact always ray every to some the sing intribused to start owns again. This can be deen by taking our the data in animedative and slipping the gear lower out the neutral provident the engine when the matter animedative and slipping the gear lower out the neutral proton, observative releasing the data in matter. The engine will now be realized to be at the original the engine whole starting the gear lower out the neutral proton, observative releasing the data in the engine will now the sufficient to be at the origine whole start into engine whole starting. The title of down just sufficient to be a the origine to the ends of the data in the engine will now the sufficient to be a start of the origin ingright, the data being the later out, but always remember in engage and gear when start again.

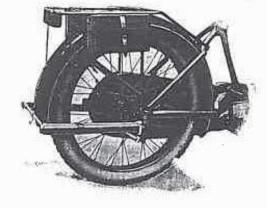
Although it bits alreadated, accreasing to do so, it will be futual a norm in alcose assilted of characterize goar. If the following base of your remained and When charging from a low to a bighter goar, slightly allow the sugary dome by elegang the thrather the unitediately before charging. If here charging the anplaying the archiver distribution of the charging of the sugary the form goar. A little product of 5000 makes the rate professor.

The next common cause of damage to gears is changing to a low gear whilst the machine is traveling fast. Many riders make a practice of approaching a corner of a high speed, and to bring the machine to a safe pace to negotiate 4, they forcibly engage lower next. If it is desired to turn a corner on a lower gear, the machine should be brought down to a safe pace by means of the throttle and brakes before changing to the lower gear. Changing from a high gear to a low one when traveling fast, for the purpose of braking the machine, is abuse which no arthodox gearbox will put up with for long.

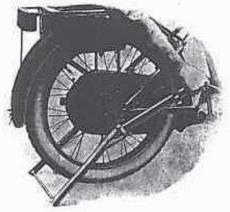


Rear Stand.

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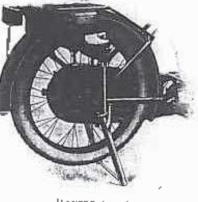
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Hostmint Falsons the -taught in the normal possible. Illusiation 2 depicts the stand lot down and the rules. where the pull te der uven backwords, which instantly com, intrapes to make the matchange on to the stand. Illustration 3 shows the first steps of the morehout, the levering detion being fully completed and back wheel misof eleve of the ground, Telering lower Interaction Mideas chip which bolds it to the stand bube. and awing it over towards the ougline. Now push down the stand in the ordinate: way on to the ground had off lever ignored towards



remainf marchane. When the operation is completed when he told the lever dourse regards and city .t to stand. To lower the machine shaping reverse these operations.



JUNCERTRACTOR DU

Defining Instructions, der conditation

When whichling a storp little which necessaries charging flown too lower interface charging flown too lower interface charging and the store the charging.

If the machine will not alimb a kill on top pear. To not force it to do so by slipping the clutch but change to a forry genr. (I the clutch is allowed to n'ip for a lengthy period under such a heavy driving land it will - ouing to the intense heat generated by friction-Lurn out the cost insets, in fact works Seatroy, by heat, any material of which a clutch may be compared. There is could no excave for the rider who descroye his clutch by this practice. It is not only and irrowing, but it is crying to make the clutch do the work of the year has

Po not han the impehine untransessably on low gone. This gets is only provided for each of synthing, and cleaning acceptionally steep hitle, or when ever all concerns of the low providences in the first the acception was and shortons the first the acquire, and transmission.

Verse rate the e glos with the mechanic stationary. Racing the straine will reach you nothing, and pary cause acrous degrage to the testar, alg out, and contenting rod _____More [card is pot up Utere parts when the englus is the using at some high speaks with a should thiotate opaking then at the source speed at foll thratta

When clinitanit an exceptionally steep tablet in an relative at all tar cape of Sightly read the south but data formal conditions for splits in an interaction of the south but data formal conditions for splits length whether the south of the end of the south base for the but the formal south of the end of the south of

When running at very law speads on top peak a plight harshness in the drive may be felt, common with all paired driven whiches, however well informed my engine may be, but the civice can be wards just as pireet and as comfortable as our may mich, by ensing the stateh a fills, by nears of the clutch lever on the handle our. A dight pressure of the hand on this fear allows the cluich to day slightly watter the unputary of the empire, and so the clutch is finitually committed enco a perfect whark absorber at the will of the rater. The foregoing kinds also refer to "picking up" agains after alowing down for a corner, or any other occasion when the muchine is to be accellerated moldenly from a slow to a higher speed. If want he quite waterstood however, that the effect it not disconvert so much that it alops to the extent that the empires cars, " pass," Duty jow? So much presenter enouted br exerted on the lever to allow the statet to about the impulses of the engine. We corneally consured this presignaph to those redser who are constant to get the hest results and long ly's from the engine, gears, and chains, to say nothing of the added comfort and activitecture.

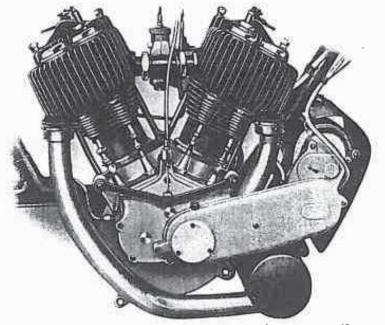
Do not control the speed of the machine with the free engine elupoh, exceptions consists the speed of the machine with the free engine equips, the light fail is the check of the Clutch is wes to reach the speed, the checking in conjugation with the gene has and braites should be used for this purpose

After a short run it will be found that the constrait of the runching or quite multiple, and the disposition of the levers operating the fouldring on the risks operating the fouldring on the risk operation of selection of selections is presed to select on the risk operation of selecting is presed

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Care of the Machine.





A.J.S 7'99 b.p. Eoglas

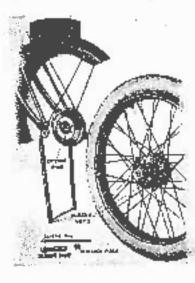
LUMPTRATION C.

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Interferences the provide an endow in port and point in interferences mode of final is indulged in. The hype we employ gives a dimest fast to the engine, collosing definition of the planger role assesses as the up strate. To give a charge of of no the single, its planger role assesses as the up strate. This will dit the barrel with and, and the planger role assesses as the up strate. This will dit the barrel with an indicated the planger role assesses and the indicated to the strate of the role of the strate of the role of the the strate of the strate of the role of the strate of the role of the strate of th

Appropriate and the the trace of the contrast, we what the the test the trace of th of a visity ground is the context of number in few constraints in part with a state when the value is one if a stat. These the electronics when the creater is but, and throughly have up the back drilled in the tapplat states, after the body out has been shown of the second se

Department IPheole-continued.



Front Wheel The fead wheels ader han wohle with the back, and the common this first (tek all the wheels in the front stand. Undersew the three drawn helts and take but the peaker provide will affire wheel to be drawn of the delergy study on the historic drawn of the delergy study on the historic drawn of the delergy study on the historic drawn of the delergy study of the peak wheel tear witte).

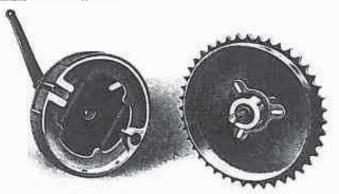
The migrations, of the bitb bearings as contextly obvious likely are disconfigurating. Dusit let the bito run insendy, sub take vary that they are not adjusted too tightly.

This is a councilon caller of bracken balls and crucken ball rates. When prosury subjected, the weight of tyre while should revolve the which it phase to ave the price of whol At Up since time the these should have no shuke.

Before attempting to bring the front sinnel fato position, attempts place the ware kine on the More Spanit First, othersping the machine wall sing larkerrords, throastage atomin an the leve of the frost stand and with the postability of dramage to the front bruke operation DIRECTAL DOCUMENT

ILLUSTRATION R.

The necessiparty the cluster tion stays the line Brate Deau with the Expanding Show. Operation of the line Brake is by Fold and Red on the left-ingle Site of the question of the front which is at identical construction is by a Fold, and Bowley Caliform the right-based sets. Both Brakes follow the test cars engineering practice, and their should sensitively mechanism. afford - almost everlasting recat.



The A.J.S. Internal Expanding Rear Brake-The Expanding Shoes are shown detached from the Drum. TENTRI RAMING S

The [Imber musics to all scient, with the exception of opposium] whilestreport of the control mechanism. In the even of the Brite Brote this is effected by

n,

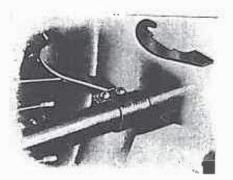
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Periodiculty lost the contrapin and strend yets with the spranger, and traptient suff. If the alonge and are house a duit hatsitaring will be felt when Keep three study. If the sheave only are house a dult hatelitaring will be failt when defining an above speeds. If this is noticed, tagbien the sheare only at once when the book wheel computer with once often in their entrial production of desired the wheel complete with speeds. Since, etc., fail he to entrial which is only simple operation. Therefore, the book wells, fail he to entrial which is only simple operation. Therefore, here only exiting of desired with rouge not only its law is simple operation. Therefore, here only exiting the book matching of spirally not and denote brack while by measuring the book is only a failed of the spiral of the spi

there should be taken to precent the ords of clasin faiting back is to chain Casta while remarking the whicel. The Hojer period of element where the remark is to chain even the log of shall ense and hoper us to the pin provided. The provided integration of chain will input down below the bollow ball of there.

When replacing the gloup it will far dilate the fatting of spring light if the ends of the china are convoluing an toust portion of the aprophet. This also

When the wheel is replaced, see that the bracks and/or pan is screwed into the sint in auction plate and the spincle hubs are tight,



Rear Wheel Adjustment Gauge - on the tight to a side of the bottom chain step will be found a piece of sheet match, bold in position by a cup which

In the food k,1 will be found a find games that can be litted cound the risk can identificant. When replacing the road wine latter remember 2 or after tanking. essentiations, where replacing the rate wires lattice remoted or after indicing adjustment to choose place the gauge on the tria, with the estatesion to the right and set the sheet to that the edge of the graph and incluse the plate that is light by the layou the choirs gay. This constructs the whether the plate that is light another the choirs before family rightening on the spirit quie. The not affected at a mean by the choirs family rightening on the spirit quie. The not affected a near the same before family rightening on the spirit quie. The not affected a before the same before the family state of the plate is set correctly before the same before the family.

When toplacing Coupled is will further the fitting of spring link if the curls of the spring link if the spring of the spring link is applied.

When the would is replaced, she that the bracks anchor plo is screwed. user the slot at Areton pints and the spindle onte are sight.

Monte mountaine second.

reactfully off this rylinder on both sides, taking care not to break the radiation that Price up works and down wards. When the basis are belowed it is no easy matter to draw the crimders off the platans. In doing this the engine should be to may aver mattline platans its at their lowest position, and draw off the crimders are fully, taking care that which the plates are free not to be thread the py theorem to supermany real and the may erach or break the shirt of the crime full theory to be the time supermany real and the may erach or break the shirt of the relation. ever null the pinkous it's at their lowes portion, and draw off the cylinders are the theorem of the pinkous it's at their lowes portion, and draw off the cylinders are the cull of the cylinder of the cylinders are the cull of the cylinders are the cull of the cylinder of the cyl



Lucas " Magdyno" in position, showing adjustment. INJUSTRATION D.

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non-ked and of the special value of extension, which is provided in every tank bit. An the tab of the value, which the tab is for sublice, which the value horiout of the book, for the horiout of the book, for the sale sublices of allow the conter-ts be withdrawy.

The valve can then be puebed up and drawn out of the head, via the valve cap sperium. If the valve scal they are at all pitted evide in the valves with fine among front, taking care that all county A claured but of the valve chamber after the pertainn. The values abund, generally energy and the ground of along onergy 2000 miles.

Dridn old whate oil par of the church race of outfine phour avory 1,600 milne. Fue this photose a dealer phong is follow on that case fits of crank. manufitle of Irest ail due Allianed ania the vaging agur. after dealaring nut the use mil-

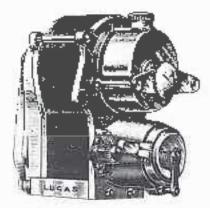
Kxornine periodically the bolts which und the sufficient frome, and lighter at a pute thest mills have worker, longe, heep the engine older axial maley, which out be long quickly and deally with a painters brush and a pam of paratili

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" Magdyno.



Lucas " Magdyno." freesorering M.

The distingent a bars we fit. Conversion for fateral "Shaplons," provides Ignition for the Physics and geomistation reputies the she deal 11.6 humans - 11 coursists or a Levens Dynamou N., El and a Lawins Mag-neto, and with ough the Door net-intrational as argumatic probe they Are housed on the force any in-struments. A full-territed must flag working, out children intracting of the " Migdy-m "is contained in the Links Rick of Bunched Instruc-Hours, is easily of whitewait search out south methods, building the second sec

tubrication. The institu-ment is previded with ball bearings throughout, which are packed with grease before leaving the monufacturers. Fresh lubricant should not be required under normal circunistances until the machine has cumstances until the machine hu-run from 10 in 12 thousand unles. Usually sufficient grows work-through from the gear wheel rasing to lubricate all bearings or the driving end. The dynamic promotator and bearing can easily be lubricated by removing the hex-

operator so "Pring roal town and placing a small quantity of grease or a rew drop-of at the bearing non-map. The Magneto bearing at the contact bearker end dentify and that way attention owing to the utannot bearker end stands run too farily addinate way attention owing to the utannot or which run-erse rule. Should be pears and completely dry they still be garked with a high reacting point grease such as Price's H.M.P. grease.

Ast/configuration in the photon in polya discoluted is the examined after alree) **Assignments in the period of the period in the entrative stands be examined with entry of a close of the period stands be adjusted. The period distances of the gap is 0.5 again a weighty of a . This period distances of the gap is 0.5 again a weighty of a . This of period distances of the gap is 0.5 again a weighty of a . This of period distances of the gap is 0.5 again a weighty of a . This of period distances of the second standard standard standard with each machine and the gap weight the second of the second of the contact between the the contact benefit of the the second standard standard standard standard the second of the contact benefit of the second period the contact benefit of the contact benefit of the second period the second standard benefit of the second period the contact benefit of the second period the second period the second standard benefit of the second period period the second period period period the second period per** The reference solution must end to be derived with a device smooth the it for superior much communitations and the the format provider automatication off. The ground state mentioned by community must platform the star superior mand.

Timing Report Mapping has been achieved here it replace **CONTINUE** U.U.C. 205, 2010 the second action to implete the state of properties of the second state of t sound a teles complicated, but in early other performed with the . Nevel to the activity of the state of the Chain Repairse contrained.

The above third patient contrabas all CDE participenessary or effect, repairs to a classifi;

To show on a chican contrasting an over a cambor of pitches, replace by parts No. 30 and 26.

To short on a choire containing an orth number of pitched replace by parts Nu. 30.

To repair a chalo with a broken roller or faulty inside link, typings by resta No. 11.

. For juining op any length of closin where extraodition are buildy $\eta_0\,k_{\rm A}$ day part. No. 26.

What it close is joined up with a spring dip it is providing that the the object correctly first over the cover plate. The open end should above fore in the apposite overcline in which the rhalm travels.

Detachable Wheels.

Such Whan - To remove the lack wheel proceed as follows - Pot

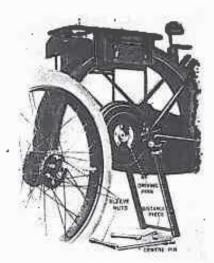
the awomane on the grand and with the

the nexthine on the brand and with the box spanner provided draft unsoraw the throughours much which pass through the blues rule which pass through the blues. To provide the whole revolving while unscribing the type at bottom of wheel. The three electronic bottom of wheel. The three electronic catenal digit through the wiles and much blue large and area on to the three threaded study can the selving sprocket. There are also three plans study on the sprocket which act an during driver. These missions has blue three remaining hole-suchs but he has been three the deeps rule have form the

After the skeeps rate base been in-

sition and seems into pave scenario streament there inserve the control part and draw it completely can be the with dirivate piece. The space now left by the distance piece will allow the other to be the word the drawing sinds-unspeechet. The whole operation should not take more than 30 to 10 seconds.

To replace the whoul, push a spatiely on the the driving stole and next (with the distance preve in position) ingate the the control plan medianter in again the three slove nuts can have be expressing (white alter words giving



Back Datachable Theel Removed-

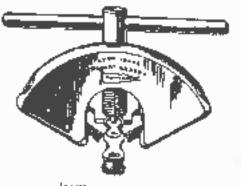
Back Datachable Wheel Removed Industriation P. Industriatio P. Industriation P. and the control prevents for the states of the pair in the interview the method with the terminal and the control point the states allowing be in pair interview the supervise is allowing the the state states for the states of the wheel should be distance prevent the will state be wheel which drawing is off the states graduate.

Type Remain 47 the relevances to 50 mem table without removing the wheel cattire, he must list lake off the one solv of the type and remove the table in the entropy way. Next take not the contempts we and distance piece only, hereing the table in the entropy to the way. Table will be fautal to give sufficient space between the only. and the first and to allow the take to be preved through and drawn completely goal Now unders the distance piece and the contre on and proceed to pellt

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If otherization of adjust toon 1 54 negligited, bricken follows may necessionally be brind. The churn can, how they, he enally ferticized with corpor (Illustration E) and a fear there parts I has tool proremoving the Lives, which they are explandencel. It that also be med for particle in a new DUDAT INTE.

This tool prototos a simple toothe of terroring dater links by problem the terms tonda through the place.

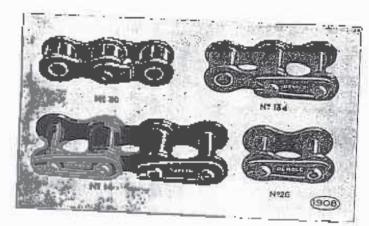
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The distance shares charly the nethed used in the rendered of the agter Sint by IDDENE of the Lool.

To Remove complete Links, - sicrew down the prince on to the limit of each rever the turn theorem the top plate. Hurh cirgte should be mished out from

To Remove droken Links - locest sizen tollor between the Jawa and screw down the punch in order to uses the task of the most through the top pints. Thence which from estimator, and link with allowing

Note. Hefore alternations to extend a sized, compress the ends of the Jawe to obtain a grip on the obnit rother



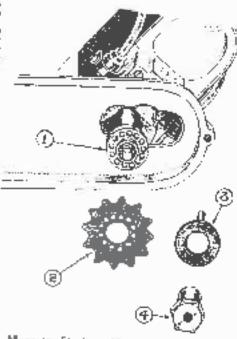
Chain Regain Parts

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realization reality or and

and other before anything the and the set of the set these the arrives so the they for by series towards carls offers. Loaler this turn engine tives and t the arrive our treatment over the time arrive on the driving shart in pointing that the two works in a to so on the historie sparshes This has vointil by head two in the famples does moved at Eooth her evants or forwards in the that want has some et auto og as arribut at When this is in place the official approximation for steers, and turn the semictore shart of monormatic matrices. found panelipt mer one of provide today on the sproched of the addy registers with a children and, as the opticity of the design theil new to found that the specified any seturely exactly drin. there and root all that has Cabe done these lights, who is other works and these lights, who is other well use these lights, who is other well use from its correct 6 setting and barbtly was a up the sloppe loca nation, which can be only offlored fran of the tabling shafting in this tenof the Gining shifting in this pro-erses as is offering conservation (the offer-in-Chails). The conservation are at in-treacher Sont spheric architecture methods were first. This is the back replaced of the tors. The matters is provided as a membranes, and conservation for the back membranes. the second we taken an second the light provide over writes any conversely competed to the cylinder control.



Magneto Fimlog-Vernice Adjustment.

consected to the sylficitory of the second synfficiency with these formers, in the formation of the sylficitory of the sylficit Take of the store the first of the first of the supervise size for a first of the second state of the state o Recently to the cover of contact breaker and showly then the acmutate this the 250 block of the make and Streak to enrises on the included phase of the stort stations. sources for non-negative structure of rises on the optimizer prime at the attent segment or relate No. 1 (not antiferent to segment the fortantic points. This is the firm point and on this position the transfings previously referred to on the first of service structed oversion if correctly filled as a first, the first should be filled up as the large definited in the structure filled as a first, the first should be filled up between a service of the structure filled as a first service of the filled of a filled between a service of the structure filled as a first service of the filled of the filled of a between a service of the service of the service of the filled of the filled of the between a service of the filled of the service of the filled of the filled of the between a service of the filled of the service of the filled of the filled of the filled of the between a service of the filled of the service of the filled of the f

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when ignition Trouble is connected finites laterious with the magnetic setting that the spectral is decoded and the characterized with the magnetic setting that the spectral plants are taken and the characterized are set out that the set in operation of the taken is balanced as the setting of the setting the set is an even built the very set is balanced as the setting to be and in roots, weather there is an consistent taken is balanced as weather there is an even weather there is an consistent taken in the tendent weather the maximum roots weather there is an consistent to the tendent weather the maximum roots weather there is an consistent to the tendent weather the maximum roots weather there is an event of the tendent weather the maximum roots weather to prove the plant of the tendent weather the set take the magnetic to prove to the tendent of the structure of the maximum roots the structure of the tendent of the structure to the tendent maximum roots the structure of the tendent of the structure of the maximum roots the structure of the tendent of the structure of the tendent maximum roots the structure of the tendent of the structure of the tendent maximum roots to the structure of the tendent of the structure of the tendent of the tendent of the structure of the tendent of the tendent of the tendent of the tendent of the structure of the tendent of the tendent of the structure of the tendent of the tendent of the structure of the tendent of the structure of the tendent of the tendent of the structure of the tendent of the tendent of tendent of

Must important. If it is necessary to take out the almost to first sothe it the environ collectors that we fit a get of the control of By control here there. (fill or dir: hererees the paints will global ustant trackies

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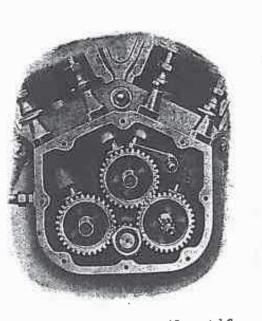
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Magneto-continued.

program to Derive.—Examine the driving chose of the magneto-seconsymptly, and, if shade, tighten if by moving the platform is which the surgestate attached in a forward direction. Stacking out the two maps on the contact breaker with the imagnetic platform allows this two the platform. These platform to be two extendings of the front engine glatfor. These platform to be which, when the beforementation in the elastic off, parasit the platform to be used for which to tighted the main. When the correct possion has been obtained, when the mute up again nightly. Examine also the first engine of any method of the chain.

Exception Theology - Except in case of network we do not obtain the properties with the edges transforg uprocesses. (Sciences of the engine malog any eccess, we make in practice to so mark the throng provide the property of the process of performant of the process of the performant of the process of the performant performant of the performant performant of the performant of the solid dash systems of observations and the systems of observations of the performant performant of the performant of the performant performant of the performant of the performant perfo



Arrangement of Timing Gear 7-99 h-p. A.J.S. LILERINATION E.

moving the nature even while the front relationst that when the task double wheth makes while the transition while the formation which wheth the phase of the correct prophetic the correct withing of the whether the formation the front extremest correct. The correct withing of the value them in the provident of the value them in the formation.

The speak is timed to take place 5.5 at it is of active the top of the comprission stroke, with the magnetic cattrol to the fully catter at exiting. The segment of can be breaker maked No. 1 lixes the new cohord respectively of "Magnetic Thomas" page 50.

With the exception of therying out the domag instructions, do not thoker with the engine, not fancy you can do hotter than the hottery by fact, string with the table through gent.

Treasantistion - costinues.

Second the spindle must ap untilly means after the struct is properly adjusted. In may be bound that maying the wheel back has constal the brake to be "on." This is sould rectailed by means of the brake adjustment.

It the closin is too shock its is up to "white," which intensifies the weer and, tends to break the follows, expectedly in the case of the front chain. If on the other tends to break the follows, expectedly in the case of the front chains. If on the other tends to break the schedule offset is produced on the relates, and the whole chains is strained endaly.

The chains should be adjusted, and kept indjusted, so that they can be pressed down in the control with the finger from [in. on the front chain, and also it into a the back chain. The cluster can introductely be inspected and leated by means of the supervision doors fitted to both took and (even parts of the cluster case. If denied the whole of the up position of the case (at he readily lakes of, whelst the lower half is correspondingly easily removal.

Care of Chains.

Lastration miner—An all gran as the best means of ellist the chains. Which this instrument draw a charge of all from the all compartment of that, and insert space of order into the chain case of old photo, which will be from an upp of from of chains case above the from charm. Life the available values, and while providing down plangue of origins, dewise turns the grane means will the fost structure taking case block the origins are all gins a folling on the struct. This anarom the whole chain being well historicated. These the back chain in the second way by slowly receiving the back which

Long the less need of adiostancet and complete satisfustion with the transmission transmission transmission to the the tidet will make a most of uting the characteristic to say acting of the knowledge that they are having a supply of freeholder of

Chain Case.

The top, bottom, and back portion of the chain case can be followed independently, data a period the frank can be removed in express the clubble and four structure differences. The resonance of the case is pin wherh bolts ingetter and a effective the remove the more part of the case is pin wherh bolts ingetter induces and bottom hold case of the horizontal differences are shown bottom protice one and bottom bolts of the horizontal differences are shown bolts ingetter including the vertacil division. Next pice out the two shown bolts which will be from the case through slots can take out the two shown bolts which will be from the case through slots can take out one the class case. These bolts which is not a method piller of the class can call one remove to the case to have the hold of the class can call one remove the which divised. The removes the which of the bolts in the scale call one removes the the stands operations are the which of the class the case the contract of the stands operations are the which of the class the case the contract of the stands operations are the which of the class the contract the stands the four proton by allow the removed to show the claim case to drop away. The from particular proveming allowed to us on the the claim case to drop away. The from particular proveming allowed to us inform the by mathy shocking off the short on particular proveming allowed to as inform the drop the to the claim case. The from the structure ball which projects from the ender of empire thereade the chain case.

Chain Repairs.

A Chain handly oner Gronica if preparity adjusted (we have never yet heard

15 will be seen that the Adjustice Prosare request by a locking dening consisting of two short lengths of spring your, a high fit. 1015 foot in the heads of the prost The pick leave two class sats or Podul - conclusion in grade when and the locking device much are cetcentle ser ichen the



Philiph pintes are as reached by ins,

When the adjust log physics bick of repthrough that the to be does by to raise the sphare solves and of these data and patching one way. Afterwords, Mak that the wiges go Gi-the property in use of the crossopula.

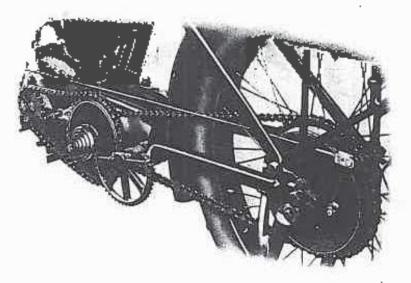
To three notices when prefer a 'activation' instance of the details. He following high will be u-scale. A closely that a lightly adjusted will send three will send the align of a light will only if the thrulk is home-darily closed when the stip takes place. This is explained by the fact that for the adment the drive is taken of the cloteh and allows the place specific down to their work.

Transmission.

Atjustment of Charge-Tu adjust the shair 'soll engine to provide the it is only another to shake off the two hous on input bracket and alide the bag halily an kwatche by mound of the selfasting bole substrated at the step of ballon.

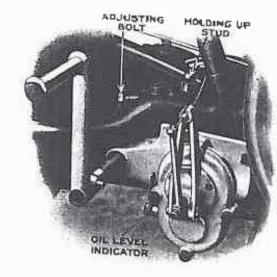
It is important that the nuis are servered tightly posts after adjustment

Back Checks. Slack of the role on each side of back bith spindle, and move the thing back works by means of the taligeting services fork-ands. Case must be taken to adjust each adv equally or the wholl will be all of alightness isee Roor Wheel Argustroom Gauge, save Sh.







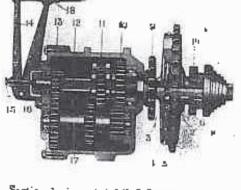


A.J.S. Gear Box In position DUPPETRATION F.

Section of the slotted grid. Next manages the A grid of the cable to be sufficilitie to the gravitation of the value of the cable to the slott provide the control to inform of entire y. Take can be when the value of the matrix shoft is the start pack rate. It is due to found that on the end of the matrix shoft is there to show the of is integli-on the top of the transmission of the matrix shoft is there to be a start pack rate in the of the transmission of the end of the matrix shoft is there to be a start pack rate in the of the transmission of the end of the matrix shoft is there to be a start pack and the cathor of the transmission of the end of the matrix shoft is there to be a start pack of the transmission of the end of the matrix shoft is the top of the transmission of the end of the matrix shoft is the top of the transmission of the part the transmission of the transmission of the transmission of the transmission of the start the transmission of the transmission of the transmission of the transmission of the part the transmission of the tran out, also the rowstant income the generative entry where the the term of parts out, also the bid in patients. The main shuff, complete with the datch, etc., where the terms out from the opposite skip of the box. The measurable where's theory of the box.

N B.-By sure the Thrust Lock Nut is tight after replacing, Do not forget to put fresh pil in the nor after dismonling.

- 1. Sprocket for the estimation powie to fload White). Siding Phile.
- Nixed Plato.
- Post of Plate. Dependence
- full Bouring for Cincale Sili-tekei.
- Clurch Spring Adjusting 5 No.1.
- 1. 0.9h Spring, Agrouket for entroprotoing delice to Root (Close). ٩. 30. High Gener Day Wheel,
- 퇎
- Main, or Unimate Street, Main, or Unimate Statt, Jobe Genering, Wissel, United Oparating Lever, United Adjusting Server, Sheel Price Syd.
- R.
- 15.
- Loy of Secondary Shatt Bowden Calibratiy and Jor FÉL
- Cluich Leries, Froisfuter Retaint Wheel, Ш.



Sectional view of A.J.S. 3 Speed Gear Box, ILLUGURATION G. -11-

The gener box needs to Wienting whenever with the exception of replete rahing with off every 500 for the engine in even provide the former and the engine is straight the even of the training the even of the that's they alway of the support draw) lendered ((wolk ad sear is evolut positionwhile pourting at the oil.

Ab oil les il bultentar as provided in the form of a small abolies on the left hazal side of the geor bers. looking at all from the times. Wheen pourjog is of these She should be upon to up the second s

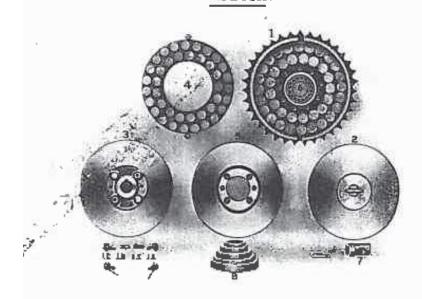
Ty distantle tin: bux the following provides the following provides

den oable from the detrimargal of how con gen, bus, Testation pre-stille be or he watche sudfictently to allow

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A.J.S. 799 hep. Clutch Partle

ILLUSTRATION N.

Π.

diagrapped.

5. Dist of Parente deliver by Nu. in.

Phil Housing on which No. 1 revolves when clutch is dis-

Clutch Spring Adjusting Nut. Clutch Spring.

- Chitch Apricket fitted with
- Cock farses. 1 Stilling Plate looks key in contre which passas in much needs from the Sharts.
- Fixed Plate, with Adjusting Preshood Losking Duynes, Plate fitted, with each insize
- (Jeivich by No. 1)

The Clutch parts are assembled to the following order - No. 3, 4, 5, 1, 2, 9 and 7 Adju#4m#n1-

If the chief should alig when this bing steep hills, Gabtes, up the chief opting a fittle by owner of the indjustency put on end of the divich should orthogoust the flow device of the individual should be play to the lever. The not the been up the particle ends that it there is a bittle play to the lever. The not the been up the part of the Boweler control, field by when the clotter is discovery stream will be put of the Boweler control. field when the clotter is discovered.

No not put Oil into the Clutch under any sirrigants week.

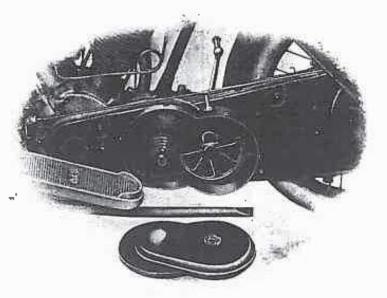
Thitake opposition backfash in Rowdon level on backle late adjust by In tasks of 0.5 cost of backlash in isonator breach in branches to a further algorithm of the approximation of the second of the provided of t orevent the children commung-

To distantic the clutch, take off the trans mover of chain case by inscreta-ing the two pine on the front and rear of sense the cover can thus be conversition. 11 ISTRUCTOR L

Prosterior libe outch spiring adjouding but No. 7 diffusivitation 10 and se-move the spring No. 5. Take out the stater proof fout states courts gest representations. This will allow the starting quadrant with its spindle to be drawn out outling out more the starting quadrant with its spindle to be drawn of a state of the start of a state of the start allow the plates to be drawn of the start. Before spin-size, when the state plates clear, and smart a this of selection the portion of

('lutch-continued.

It is af course, memory-way to take the choin off the clutch successed before 5) Is at correct theory still in take the chain and the clutch approaches before this conduct range of the efficiency bacizently position



A.J.5. Chain Case with Front Cover removed, exposing Clutch and Pool Starler. The hinged Govern for Chain Inspection an also shown. KELLINTERTION I,

If to discussive the clutch because difficult amount a little of no that portion of shelt on which the onley plate slides

If the clotch should "done," even when fully discagginged, it will only generations way differently observed when fully discagginged, it will only the drive is more comparing taken off the general that making it difficult to make that the drive is more comparing taken off the general that making it difficult to make the generative. This difficulty can be removed y overcome by subtleady clouding the through the for the drive of the through opening the through after the charge remarks. The thermal down, innovationally opening the through after the charge remarks. The thermal down, innovationally opening the through after the charge remarks. The thermal down, innovation of "drive" is mainly that place. No 4 uses demonstrative 10 one for much be ensure of "drive" is mainly that place. No 4 uses demonstrative 10 one for much be an ensure of the drive four pression the factor front is a whole the fourt that place we have a four pression (by factor of the drive is the fourt that place we have a four pression (by factor of the drive is the fourt that place we have a four pression (by factor of the standard be on 1 we appress the four pression (by factor drive No d. There will be on 1 we appress the four pression and the factor of the the drive of the standard drive and the factor of the drive the standard for the factor of the standard drive the st

On the obtyging distinction of plate, No. 4 will be seen two specific rollers. Head, one of these is the left hand, for other in this right hand, and set if this plate end he pursed backmends and forwards helescondates a and all this, server up the two off deting plus matif the platus just truth used, such of plate No. (1) by not server the two adjusts a gales up tightly. The plate many is replace bush plate No. (2 and base them sufficiently may to allow No. (1) the to be may of from but to eight up the off down, whiteout musch legge

It is however, a title this thing for the pictus to "strong," and gate doly