GUARANTEE

Guarantee is effective for one year

The guarantee concerns the repair or replacement without charge of those parts which are found upon examination to be defective through workmanship or material. This only applies to parts made by Sheen and not to engine parts made by other manufacturers.

Fitting and carriage charges must be paid by the owner.

This guarantee is not effective in cases where the machine has been abused, not properly lubricated, where repairs have been carried out by an unauthorised agent or genuine Sheen parts have not been used. The guarantee is excluded where the machine has been carelessly used or accidents have occurred.

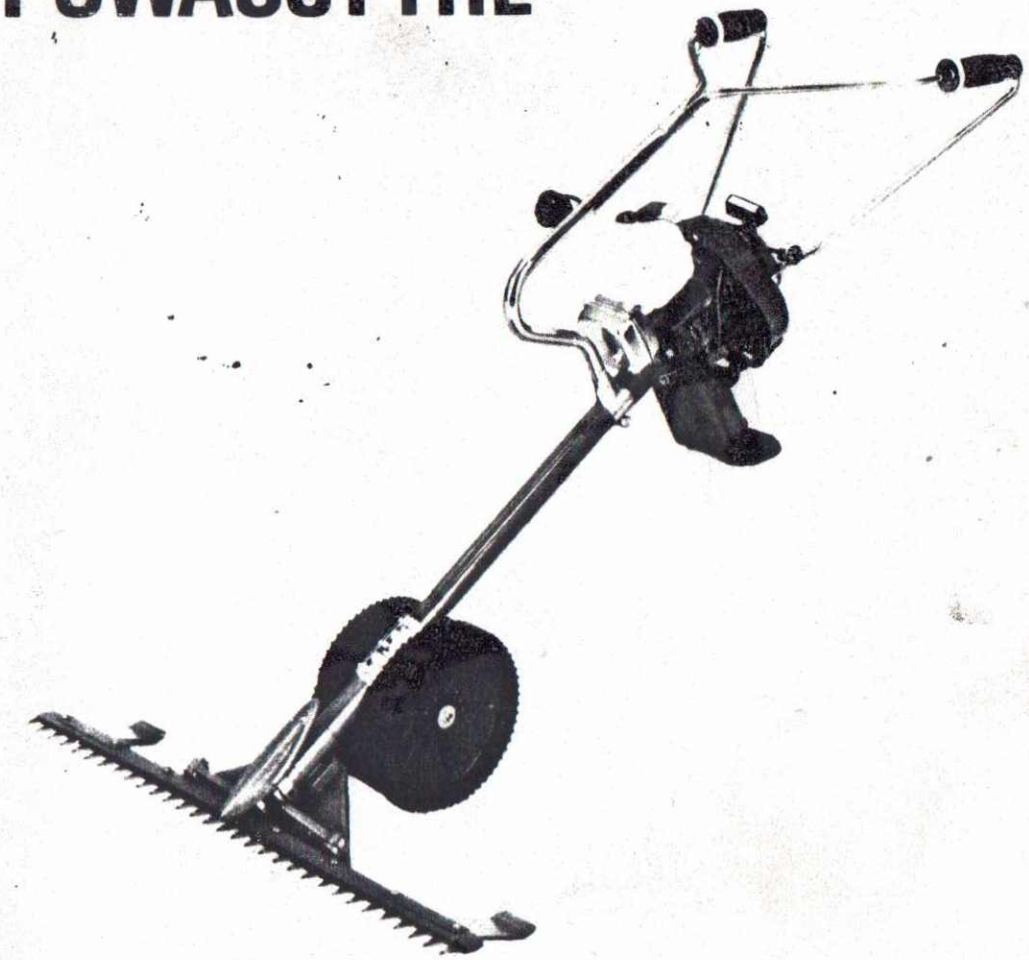
The guarantee covers normal wear of the "Powascythe" and not where it is used for other than normal purposes.

Guarantee repairs must be carried out by your dealer and a letter should be sent giving the reason for claim, machine number and date of purchase.

Cutter bars and connecting rod details are not covered by the guarantee.

CAUTION. Carefully pack any item sent back under guarantee to avoid damage in transit.

SHEEN
POWASCYTHE



OPERATION AND MAINTENANCE

SHEEN (NOTTINGHAM) LTD.

Greasley Street · Bulwell · Nottingham

Telephone: 0602-272321

IGNITION

If the engine fails to start after a number of attempts, check that a spark is present at the spark plug. Test by unscrewing and removing the plug and applying the electrode to the engine block with the ignition switch on. If no spark is detected, first clean the spark plug carefully to remove soot. If a spark still cannot be obtained, check that the ignition lead is properly connected and that there are no cracks on the spark plug cap. Check also the electrode gap, which should be approx. 0.5 mm (0.02 in).

N O T E : RECOMMENDED SPARK PLUGS

BOSCH W 175
LODGE HN
CHAMPION J 6
MARELLI CW 175 N

CARBURETTOR

If the engine has flooded (visible in the form of a moist spark plug when removed), the plug should be left out and the fuel tap closed. The engine should then be turned over as if starting several times before re- inserting the spark plug. After this the engine should be started and the fuel tap re- opened.

If the engine stalls during mowing, check that the spark plug is working correctly and if necessary clean the carburettor filter.

If the engine fails completely, consult our authorized dealer; please remember that incorrect treatment of the mower can cause permanent damage and necessitate major repairs.

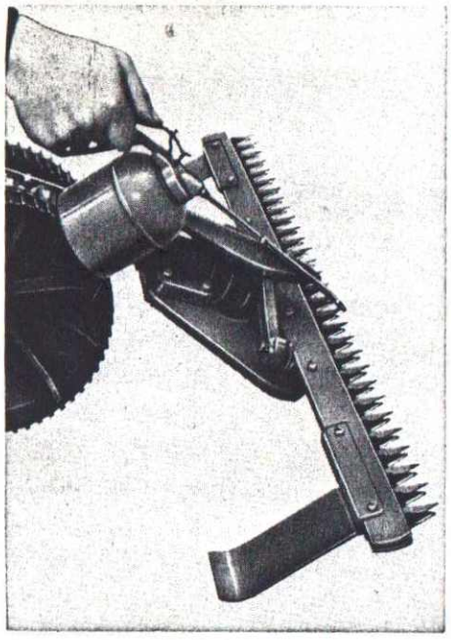


Fig. 4

LUBRIFICATION

Before and during operation of the mower, the cutter blades and cranks should be lubricated at frequent intervals in order to keep them moving freely (Fig. 4).

After mowing has been completed we recommend that the cutter bar be cleaned with running water while the engine is running, then lubricated with a small quantity of oil to prevent surface rusting.

CUTTING HEIGHT

The cutting height can be varied while mowing simply by raising or depressing the handles by a suitable amount.

For more permanent adjustment of cutting height the distance of the wheels to the cutter bar (Fig. 5) can be varied.

If the wheels are moved further away from the cutter bar, the height of cut will be reduced (shorter grass); if the wheels are moved closer to the bar, the height of cut will be increased (higher grass).

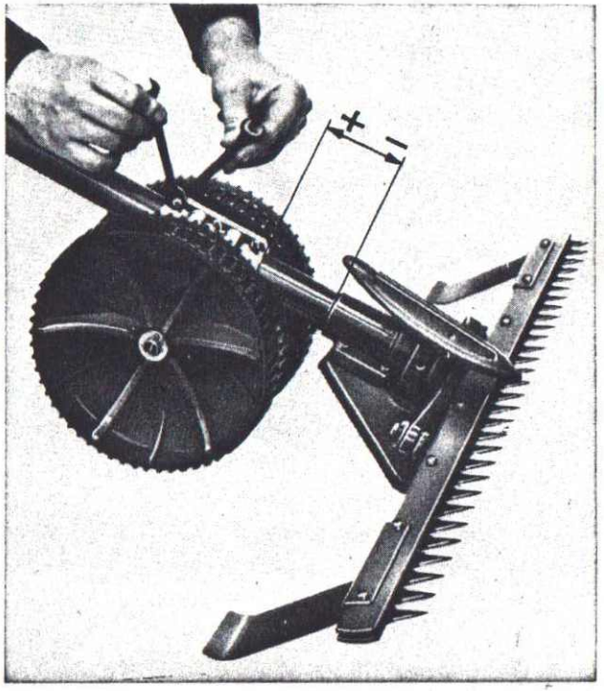


Fig. 5

CUTTER BAR

The cutter bar is the most important component on your mower ; reliable mowing can only be ensured if it is correctly maintained.

The blades are sharpened with the triangular grindstone supplied with the mower or with a suitable file (Fig. 6).

Fig. 6

SHARPENING

The blades should be positioned in such a way that the edge of the adjacent blade is not damaged when sharpening.

Arrange the points of the blades on the two cutters so that they are staggered, and regrind the blunt section of the upper blade so that corners 1 - 2 are sharpened (see Fig. 7).

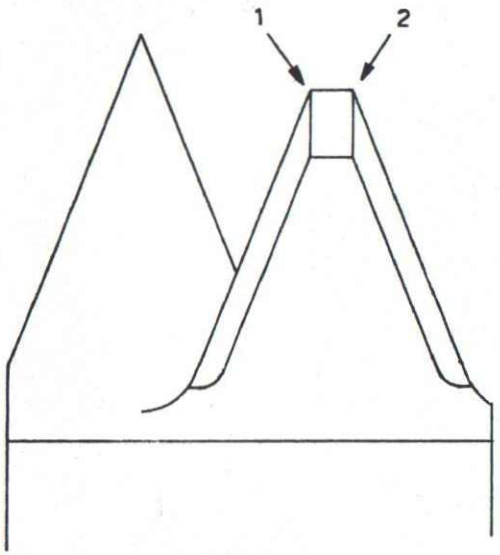


Fig. 7

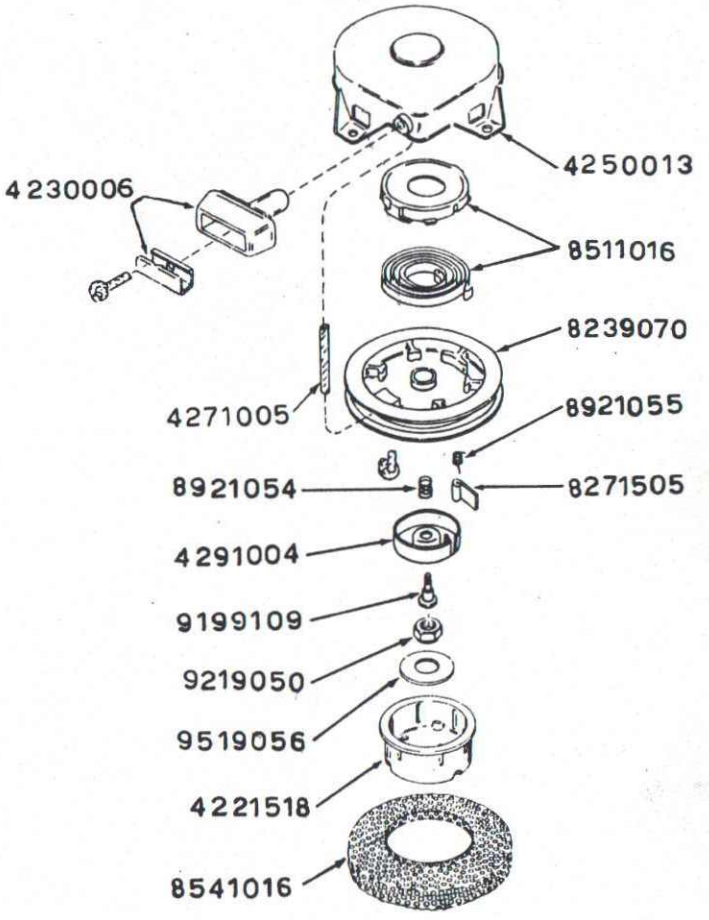
MOWING

After starting the engine, propel the mower by hand on to the grass. When moving, regulate the throttle at the lever to a position in which the engine runs smoothly, the machine scarcely vibrates and the clutch transmits power without any slipping.

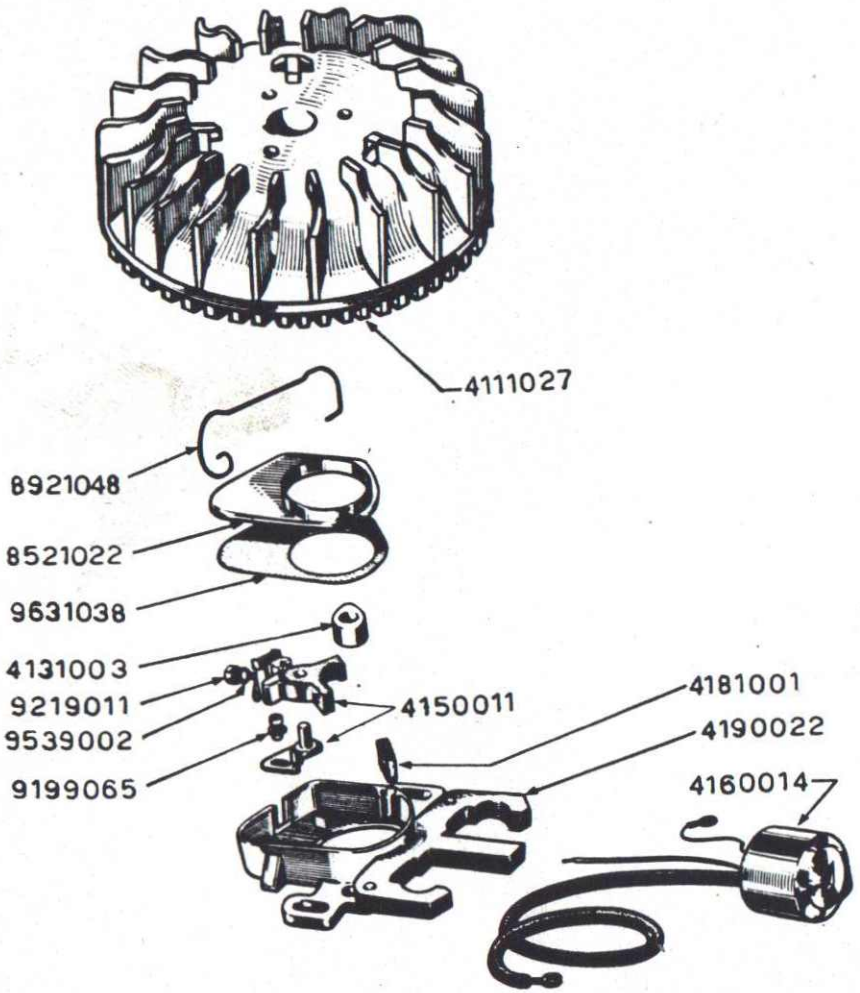
Hold the handles at the height which gives the desired length of cut.

We recommend mowing only when the ground is dry.

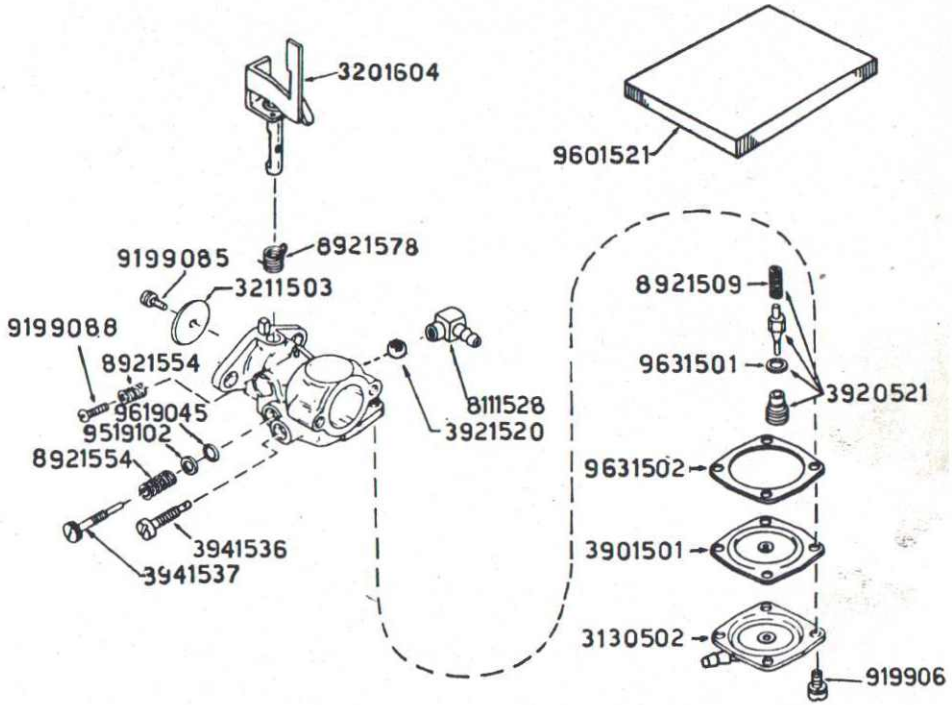
STARTER MECHANISM



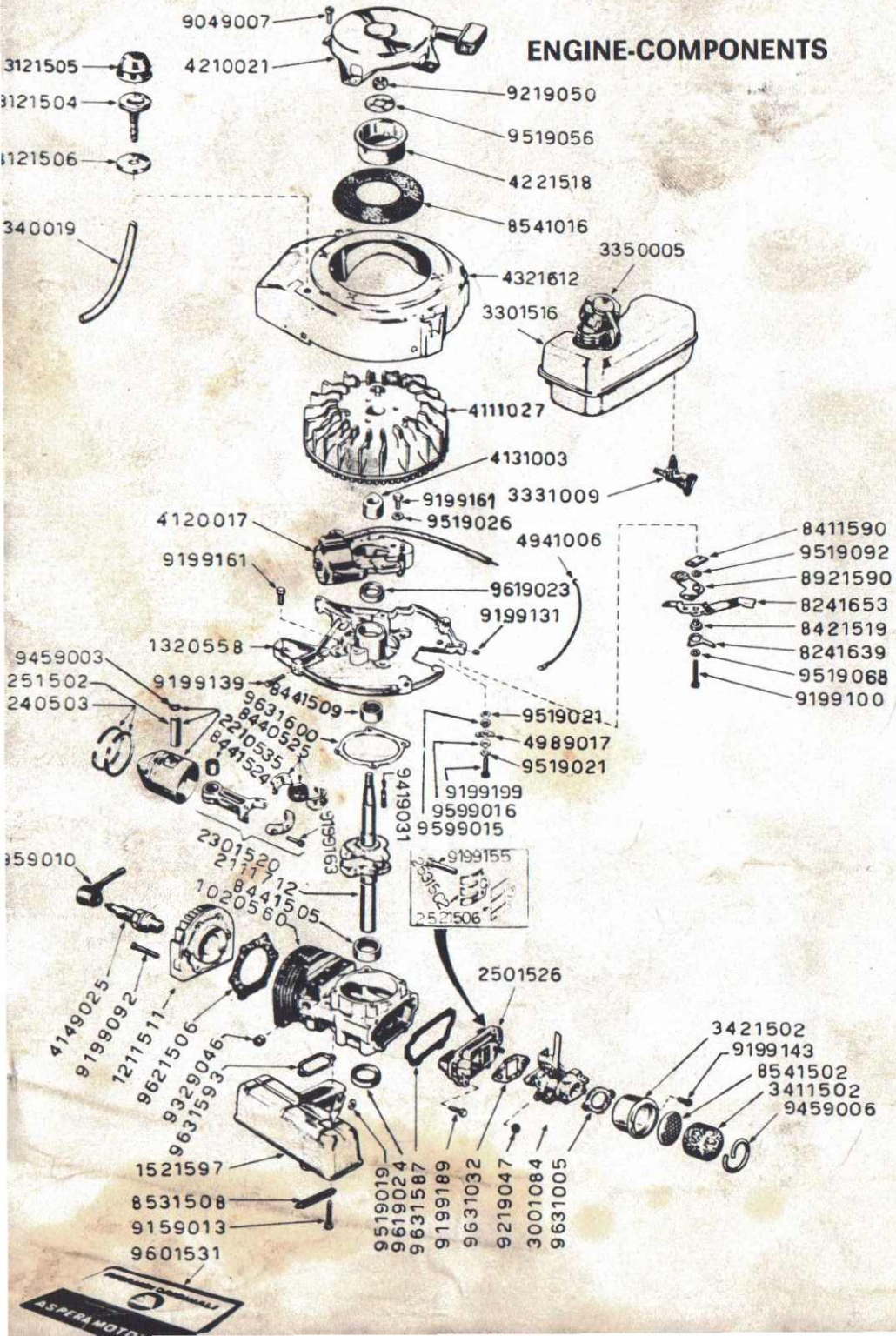
IGNITION SYSTEM



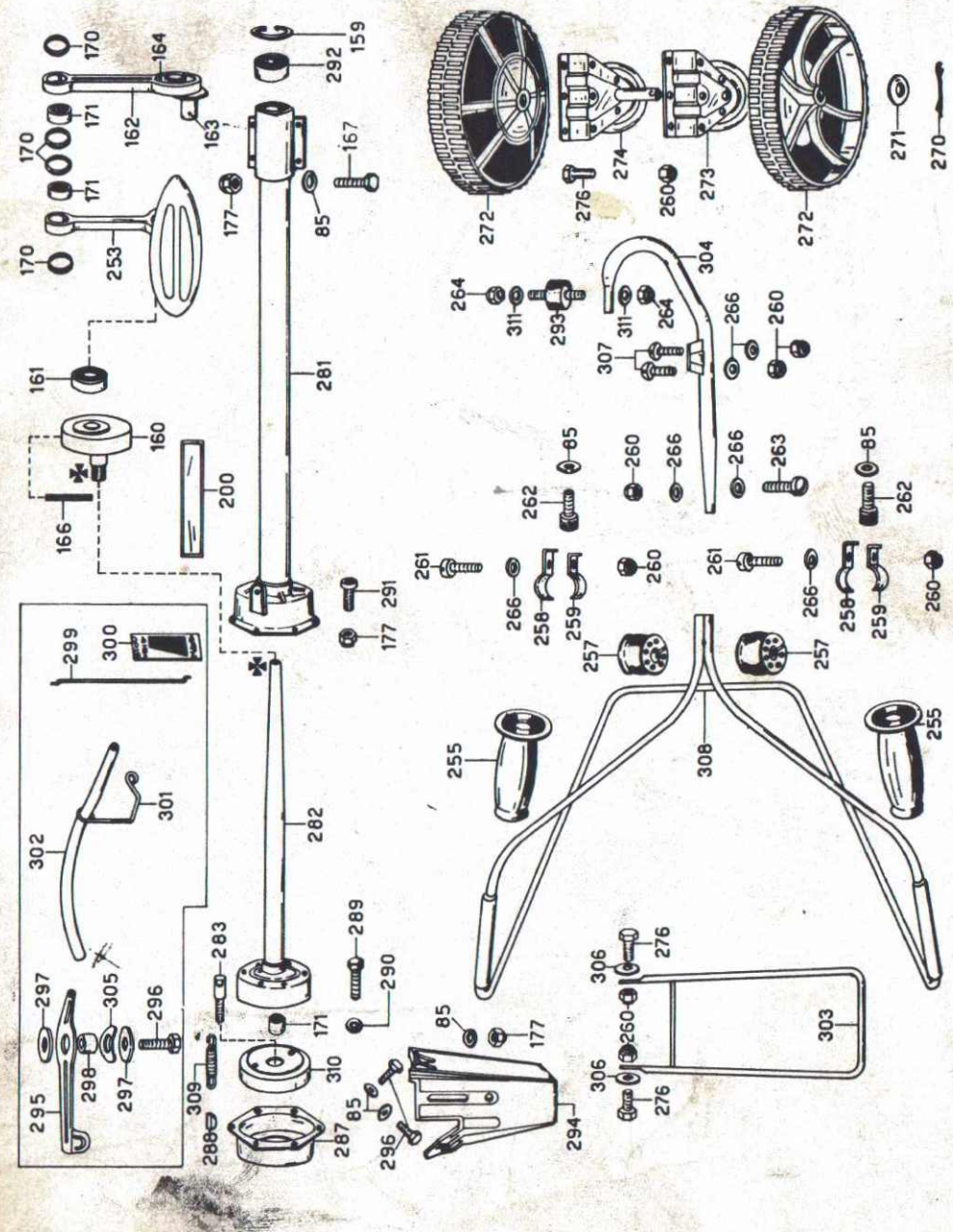
CARBURETTOR



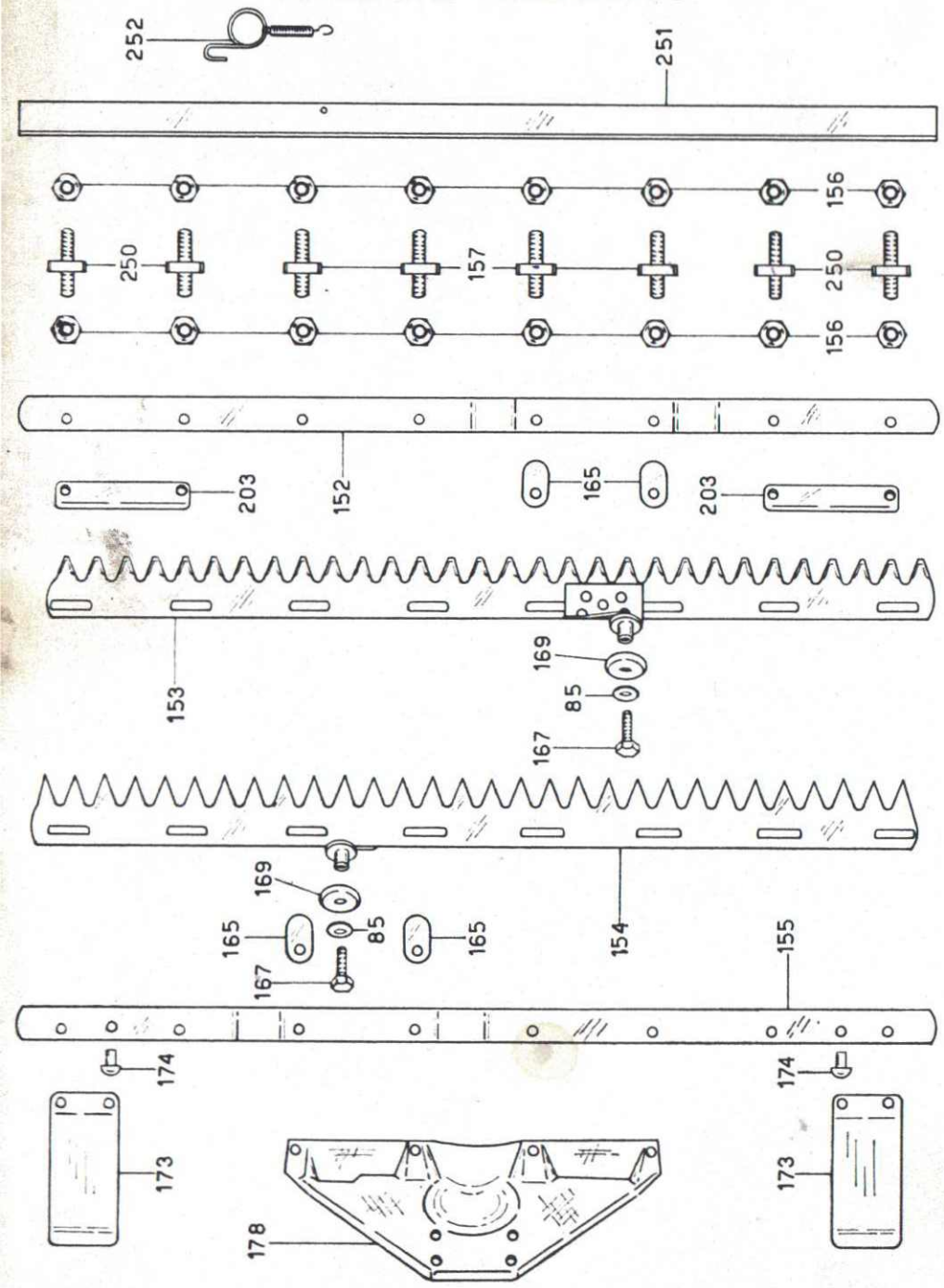
ENGINE-COMPONENTS



TRANSMISSION - COMPONENTS



CUTTER BAR - COMPONENTS



POWASCYTHE SPARE PARTS LIST

Part No.	Description	Price £
85	Washer	0·02
152	Bottom Cover	1·60
153	Top Blade	3·00
154	Bottom Blade	3·00
155	Top Cover	1·60
156	Blade Nut	0·04
157	Blade Stud	0·10
159	Ball Race Circlip	0·08
160	Crank Disc	2·80
161	Big End Ball Race	1·40
162	Con Rod	1·30
163	Crank	1·08
164	Washer	0·06
165	Distance Piece	0·20
166	Spring Pin	0·06
167	Screw	0·06
169	Cover Plate	0·08

Part No.	Description	Price £
264	Lock Nut	0·08
266	Washer	0·02
270	Split Pin	0·02
271	Washer	0·02
272	Wheel	0·90
273	Wheel Clamp	0·40
274	Wheel Clamp and Axle	0·48
275	Guard	0·32
276	Screw	0·08
281	Drive Tube	6·50
282	Drive Shaft	3·80
283	Clutch Bolt	0·24
285	Clutch Actuator	0·80
286	Clutch Friction Member	0·80
287	Clutch Cover Plate	0·40
288	Clutch Key	0·10
289	Screw	0·06