TOOLS FOR BICYCLE





HOZAN TOOL IND. CO.,LTD.

C-51 REPAIRING ROLLER FOR INNER TUBE



Back and forth over the patched area several times, then the patch will stick completely.

O.A.L. 165 mm

C-55 SCISSORS



Use for cutting job of patch rubber and tubes.

O.A.L. 180 mm

C-68 TIRE LEVERS (3 PCS. SET)

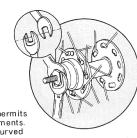


Unique slotted design for hooking on spoke. For wired on tires.

C-57 HUB CONE ADJUSTING WRENCH (3 PCS. SET)



Thin type wrench for adjusting hub cone nuts, open end design permits easy access to hard-to-get adjustments. One side is straight and others curved one for pair using like fig.



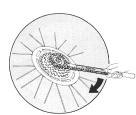
C-62 SPROCKET TURNER



O. A. L. 360 mm



In case of take off, use 2 pcs. of C-62



In case of set up

C-70 PORTABLE CHAIN RIVET EXTRACTOR



As built in ball bearing, you can extract it sure, easily without slip off. To suit all cycle chain, light weight and small type, especially for touring and home use.



C-72 SPARE PIN

C-73 · C-74 MINI. Y-TYPE BOX WRENCH



D-378 CRANK CAP DRIVER

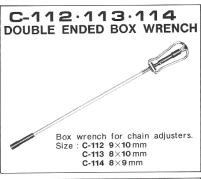


O. A. L. 180 mm

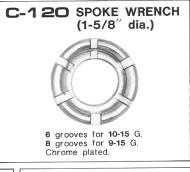
Spare pin

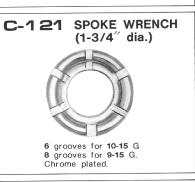


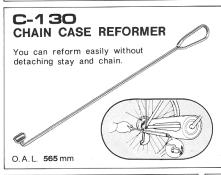














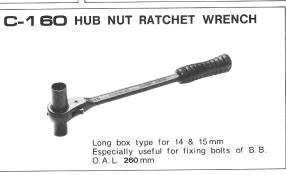














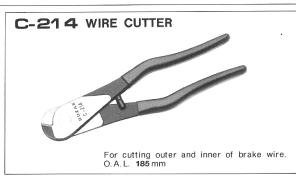






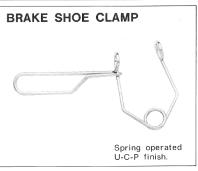










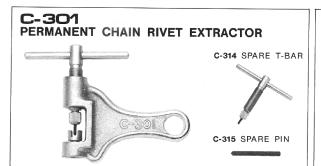


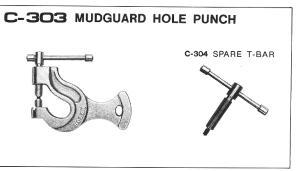






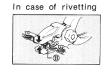
CYCLE TOOLS





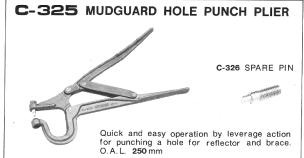


In case of extracting

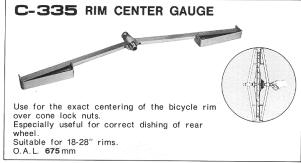


C-321 SPARE BOLT PIN

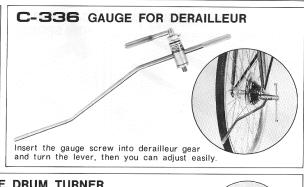
Suitable for every kind of bicycle chains with one hand operation. O. A. L. **240** mm

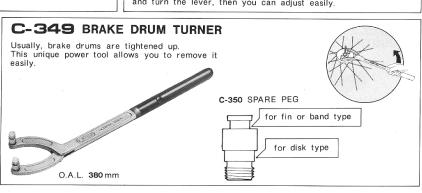


C-330 WHEEL BUILDING STAND





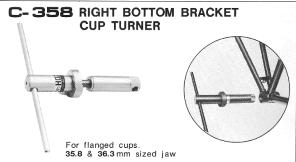


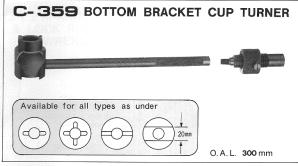












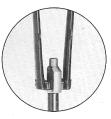


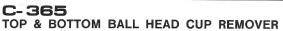






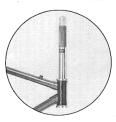
Put on the crown ball race like fig. and struck with soft hammer, it is removed without damage.

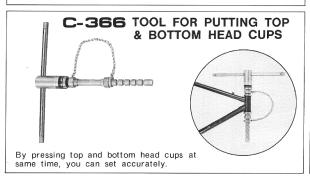






Insert into head pipe and struck with soft hammer, the head cup is removed without damage.







CYCLE TOOLS





C-402 BOTTOM BRACKET TAP with REAMER



Size : - 1-3/8" \times 24 th. 1-3/8" \times 26 th. 35 mm \times 1.0 mm 36 mm \times 24 th.

For chasing to corrosion, eliminate paint and a few damaged thread.

C-407 REAMER FOR CRANK AXLE



O. A. L. 135 mm

C-405 BRACKET TAP with CENTER GUIDE



Size : - 1-3/8" \times 24 th. 1-3/8" \times 26 th. 35 mm \times 1.0 mm 36 mm \times 24 th.

C-408 REAMER FOR FORK COLUMN



For tapping work both sides at the same time.

C-413 STOCK & DIES



1/4 × 24, 1/4 × 26 3/8 × 26, 9/32 × 30 5/16 × 18, 5/16 × 26 O. A. L. 270 mm

C-421 STOCK & DIE FOR FORK COLUMN A



For cleaning and repairing of fork column that was damaged or corroded.



English $\mathbf{1}'' \times \mathbf{24}$



Raleigh



French 25 mm imes 1.0 mm

C-450 STAY OPENER & TIGHTENER



Stay catcher that paded with leather does not mound the frame, and has no slip for angled stay as like mini-cycle.

Using as opener

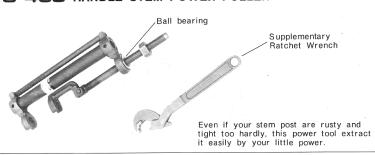


Using as tightener



If you use a pair of C-450, you can reform bended it.

C-465 HANDLE STEM POWER PULLER



Capacity length of stem: Max. 250 mm





Drop forged Chr.-Mo. steel.

C-503 HUB CONE WRENCH SET (2 PCS. SET)

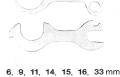
Double sized open end 13 & 14 imes 15 & 16 mm

C-505 9-WAY SPANNER

9, 10, 12, 13, 14, 15, 17 mm







6, 9, 11, 14, 15, 16, 33 mm & Ring Wrench



C-611 MULTI. REPAIR TOOL SET



Contents:C-151&C-103 4-Hole Box Wrench
C-119 Spoke Wrench
C-203 Head Screw Cone Plier
C-201 Pedal Wrench
C-253 Hub Cone Adjusting Plier
C-301 Chain Rivet Extractor
C-303 Mudguard Hole Punch
P-211 Silp Joint Plier 200mm
W-210 Adjustable Angle Wrench 200mm
D-111 Screw Driver 100mm
D-135 Phillips Type Screw Driver No.2
C-55 Scissors C-55 U-24 K-4A Scissors
Ball Pein Hammer 1/2 lb.
Reamer
Flat File 250mr
Patch Rubber Set
Tool Box





C-651 PORTABLE TOOL SET



C-652 PORTABLE TOOL SET



C-653 PORTABLE TOOL SET

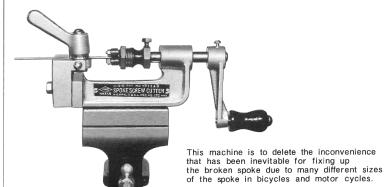
B-83



C-654 PORTABLE TOOL SET



C-915 SPOKE SCREWING MACHINE



REPLACEMENT ROLLING HEAD



Complete set comes with a rolling head 14-15 G. C-917 for 14-15 G. (adjustable) 13 G. 12 G. 11 G. 10 G. C-918 C-919 C-920 C-921 C-922

9 G.

B-305 SPOKE CABINET



Spoke cabinet allows ideal storage and inventory of all spokes. Dimension : $365 \times 338 \times 325 \, \text{mm}$

Weight: 14 kgs. Colour: ivory white



DRAWER 108 × 330 × 53 mm

C-737 SPOKE TENSION METER



For measuring tensile strength of spoke.



Hook the supporting point to the spoke and press the handle of the tester till it touches the stopping point to the same spoke, then read the figure in the dial gauge. The figure indicates the tension in the gragh.

C-733 SPOKE GAUGE



For measuring Gauge of spoke : **15-10** G. Spoke length : Max. **350** mm Hex. nut & Bolt dia.

B-54 BOX MASTER

 $380(L) \times 180(W) \times 160(H) mm$ Capacity: abt. 6.5 litre Weight: 1.3 kgs.





Capacity: abt. 16.0 litre Weight: 3.8 kgs.

(Tools shown in photo not included)

B-55 **BOX MASTER**

Size: 440 (L) \times 225 (W) \times 230 (H) mm (Parts Tray: 375 \times 95 \times 45mm \times 2) Capacity: abt. 12.0 litre Weight: 2.9 kgs.

Color: Orange

Blue

BOX MASTER (TOOL CASE) Elegant design and unique function are attracting public attention

When the cover is removed, small parts trays are opened automatically so that you may take then very easily. You may classify the small parts trays optionally and freely (free divider). Very robust design and ABS resin thick wall molding. When dropped with 20kgs. load, it will withstand it. Beauty inherent in resin and unique design.

W-90 ALLEN WRENCHES



Size: 3mm 4mm 5mm 6mm

W-92·95 **ALLEN WRENCH SET**



W-92: 2.5, 3, 4, 5, 6, 8 mm (6 pcs.) W-95: 2.5, 3, 4, 5, 6, 8, 10, 12 mm (8 pcs.)

W-93·97 **ALLEN WRENCH SET on RING**



W-93: 4, 5, 6 mm W-97: 2. 2.5, 3, 4, 5, 6, 8, 10 mm

W-94 FLEX. ALLEN WRENCH

Size: 4, 5, 6 & 7 mm

W-98 10 PCS. ALLEN WRENCH SET



Size : 1.5, 2, 2.5, 3, 4 mm 1/20, 1/16, 3/32, 1/8, 3/16 in.

NO.68106 T-TYPE WRENCH with **ALLEN WRENCH**

6mm allen wrench

8mm box wrench

W-105·106·108 T-TYPE POWER ALLEN WRENCH



W-210 ADJUSTABLE ANGLE WRENCH



NO.016-1 · 016-2 BALL POINT ALLEN WRENCH SET



016-1: 2.5, 3, 4, 5, 6, 8, 10 mm 016-2: 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8 in.

W-5 T-TYPE BOX WRENCH



Size: 8, 9, 10, 11, 12, 13, 14 mm

W-11 Y-TYPE BOX WRENCH



W-96 Y-TYPE ALLEN WRENCH



Size: 4. 5. 6 mm

W-521 **OPEN END WRENCH SET**



Size : 6 \times 7, 8 \times 10, 11 \times 13, 12 \times 14, 17 \times 19, 22 \times 24 mm

B-217 SOCKET WRENCH SET



Contents: 17 pcs. Socket, Ratchet handle, Spindle, Extension bar, Universal joint, Driver type handle.

M-2506 OFFSET WRENCH SET



Size : 8×10 , 11 \times 13, 12 \times 14, 17 \times 19, 22 \times 24, 24 \times 27 mm

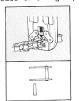
MOTORCYCLE TOOLS

A-928A 928B POWERFUL CHAIN RIVET EXTRACTOR



Available for all motor cycle chains.

In case of straight pin



In case of narrowed pin



A-928A for #520-530, #50 chain A-928B for #420-428, #40 chain



O. A. L. 130 mm





Outer holder to fit generally motor cycles.





Universal round type for all Japanese machines.





For motor cycle 50-125 c.c.





Suitable for any size of cycle and MC wheel. Enamelled finish.

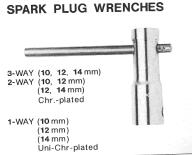
Height: 550 mm Weight: 20 kgs.

E-200 VALVE SPRING TOOL

Fits almost all overhead valve cycles. Has reversible collar and with two sizes of holders.





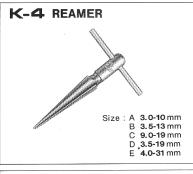






Checking automobile electric system. For 2.8-24 V.

METAL WORKING TOOLS & PLIERS





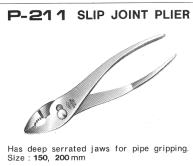






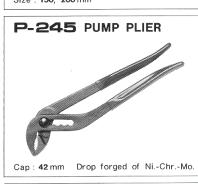




















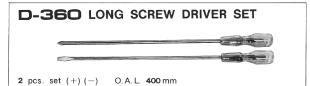








3 pcs. set (8, 9, 10 mm) O.A.L. 400 mm



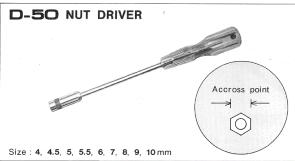








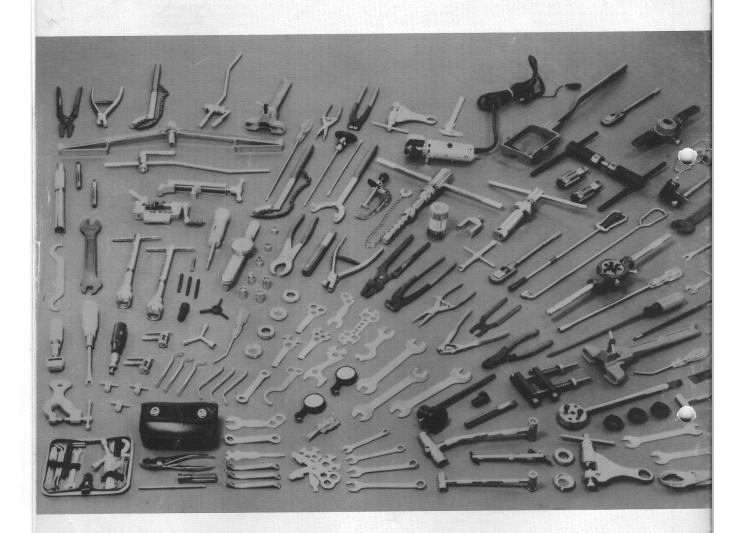












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