SunTour



'73 PRODUCTS

MAEDA INDUSTRIES, LTD.

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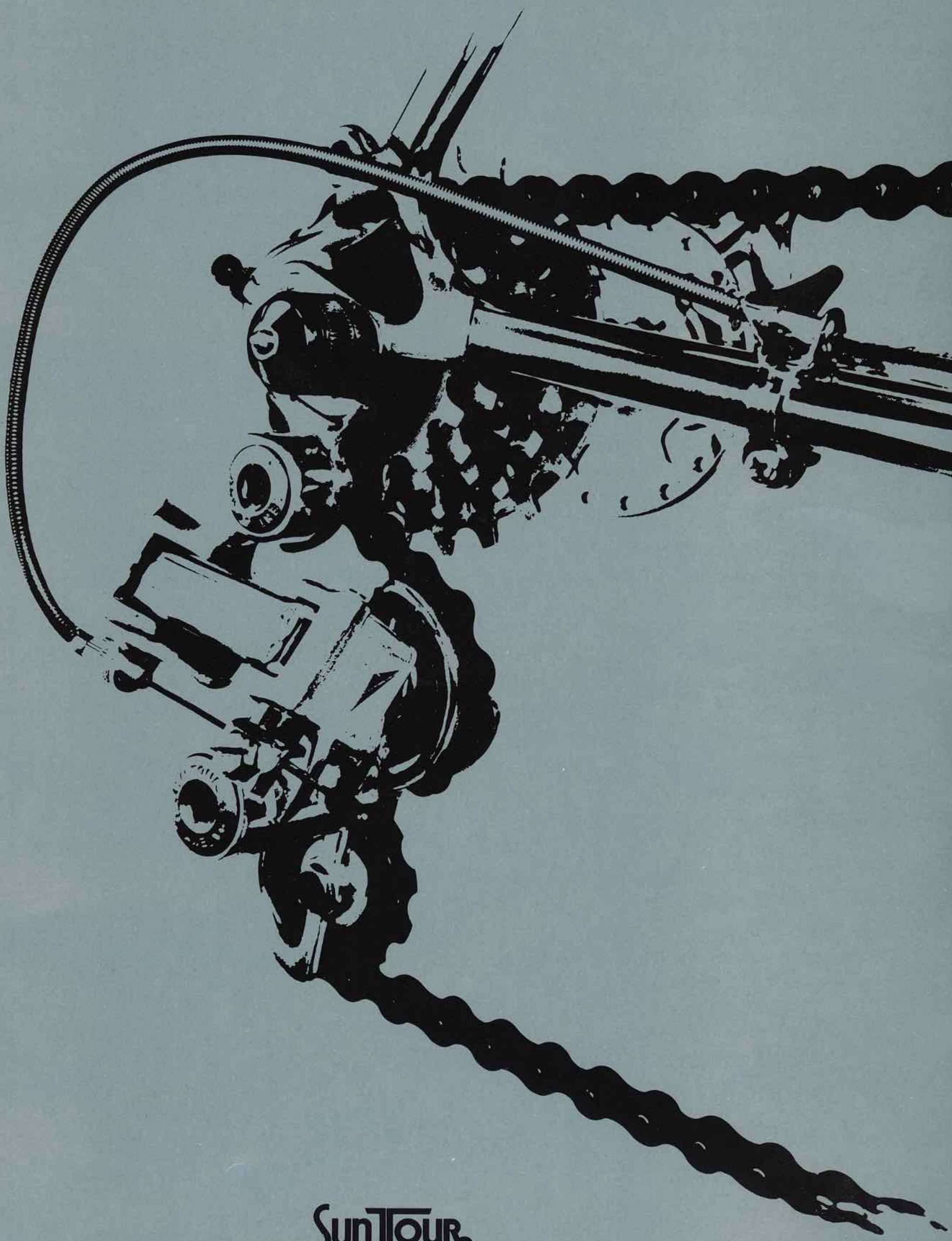
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DERAILLEURS



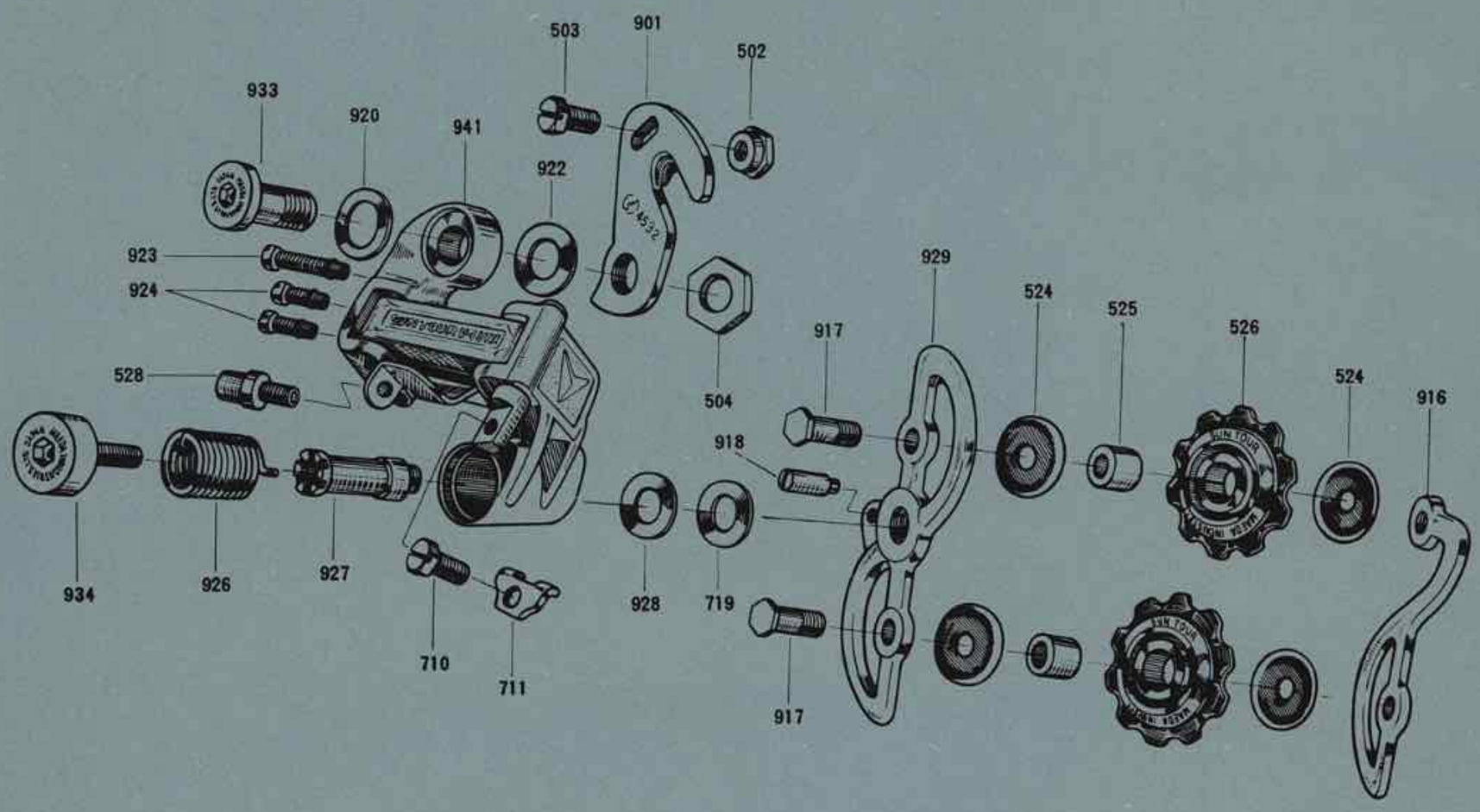
SunTour

REAR DERAILLEURS



SUNTOUR V-LUXE
No.2902

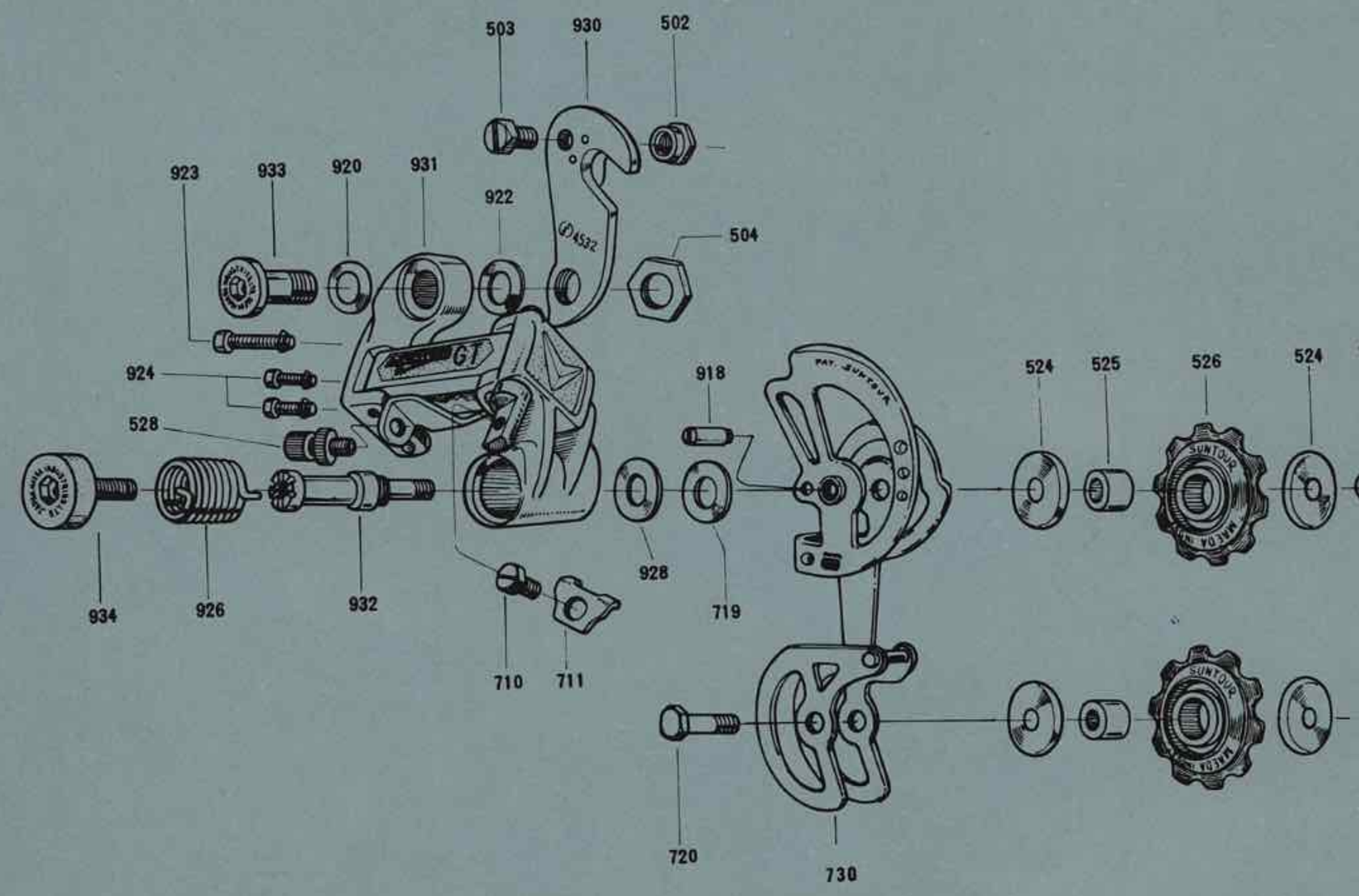
For Racing (Light alloy)
Gear capacity: 24T.
Stroke: 31mm
Top normal
Weight: with Bracket 270g,
without Bracket 235g.





SUNTOUR VGT
No.4900

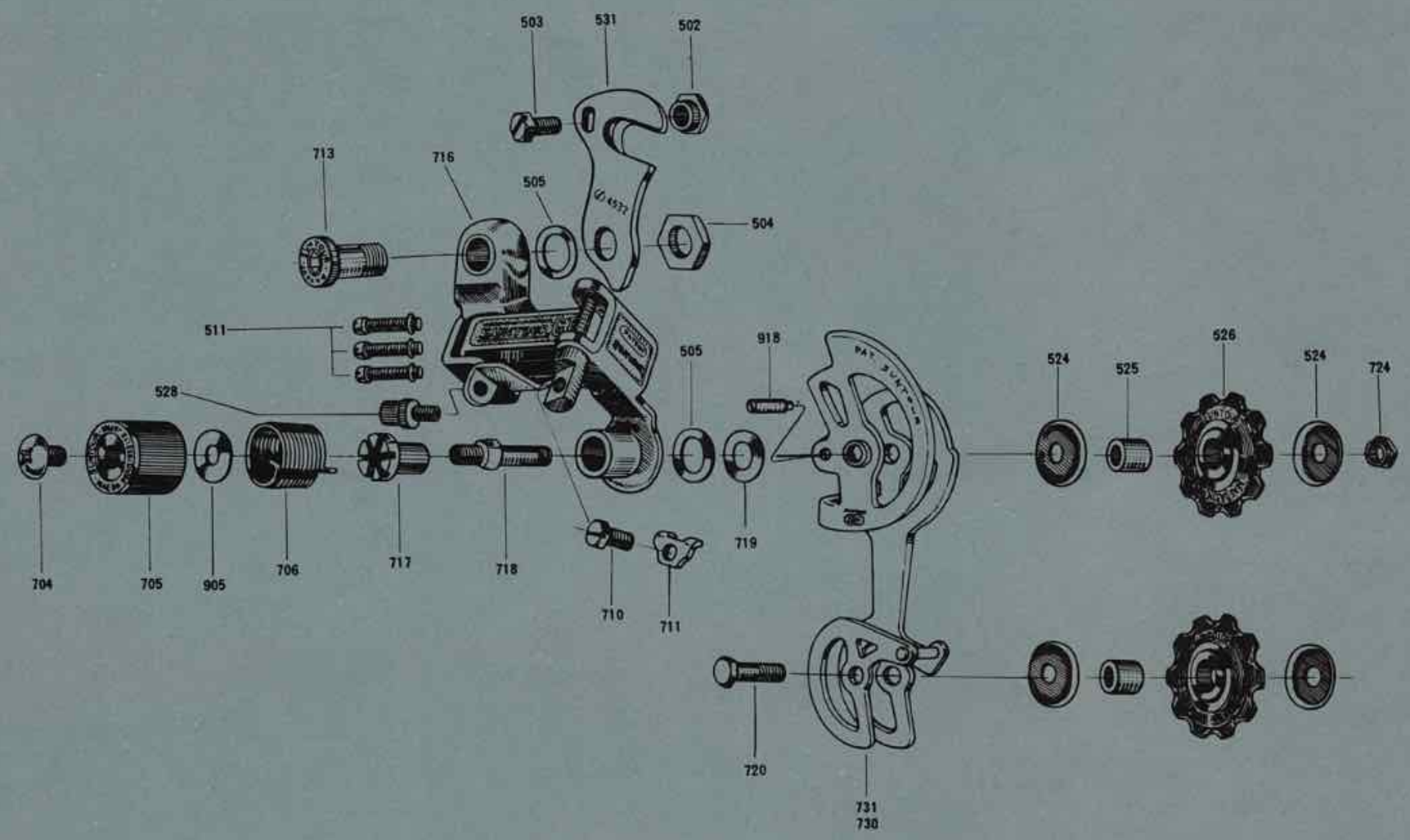
For Ordinary use (Light alloy)
Gear capacity: 36T.
Rear 14T–34T = 20T
Front 36T–52T = 16T
Stroke: 31mm
Top normal
Weight: with Bracket 420g,
without Bracket 385g.



REAR DERAILLEURS

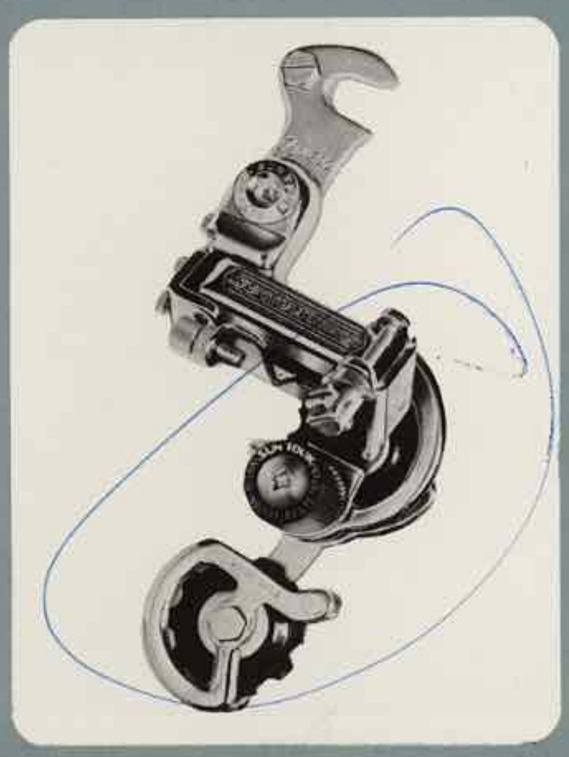
SunTour

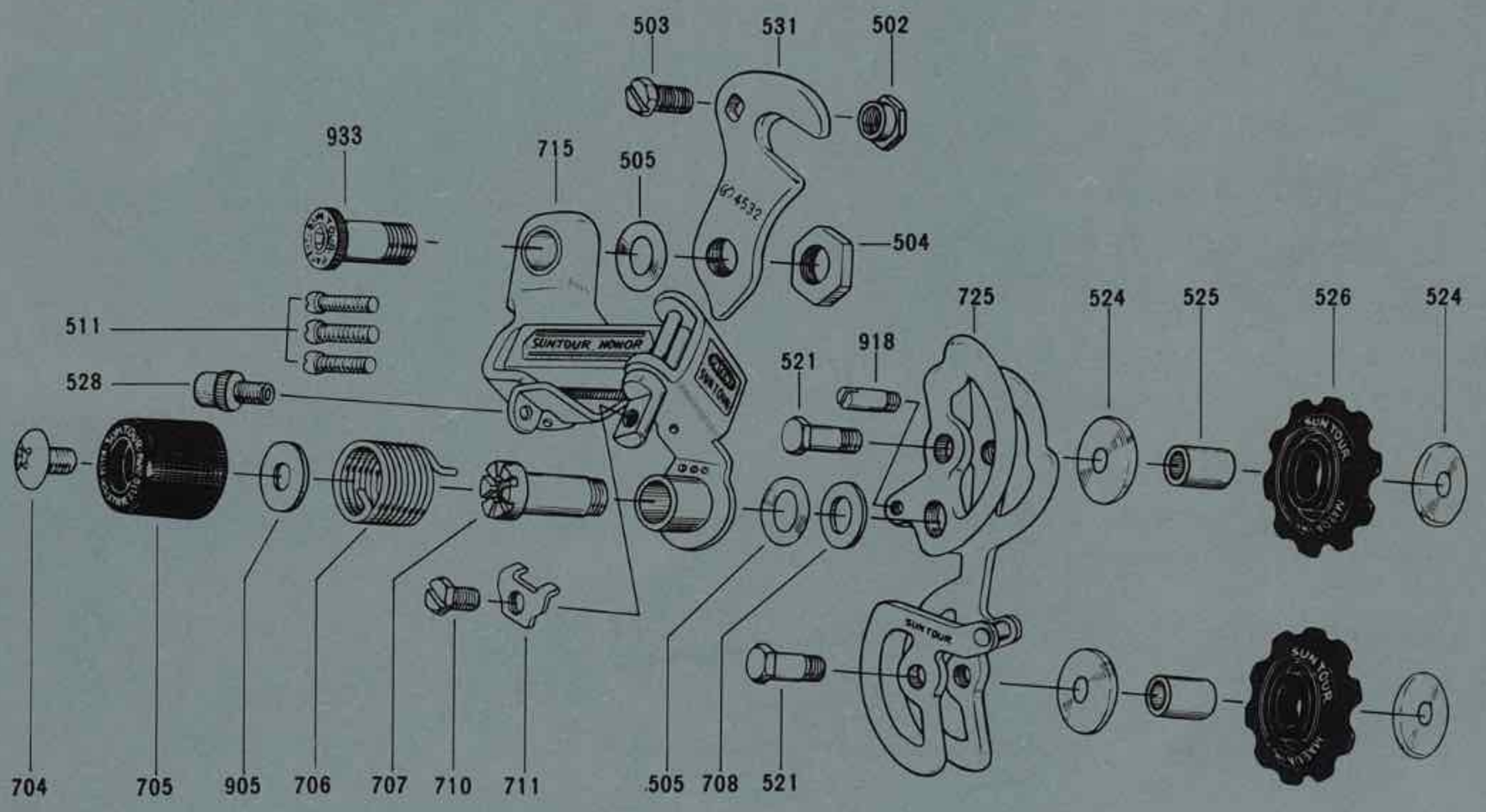




SUNTOUR GT
No.4600

For Ordinary use (Steel)
Gear capacity: 36T.
Rear 14T–34T = 20T
Front 36T–52T = 16T
Stroke: 31mm
Top normal
Weight: with Bracket 440g





SUNTOUR HONOR
No.2600

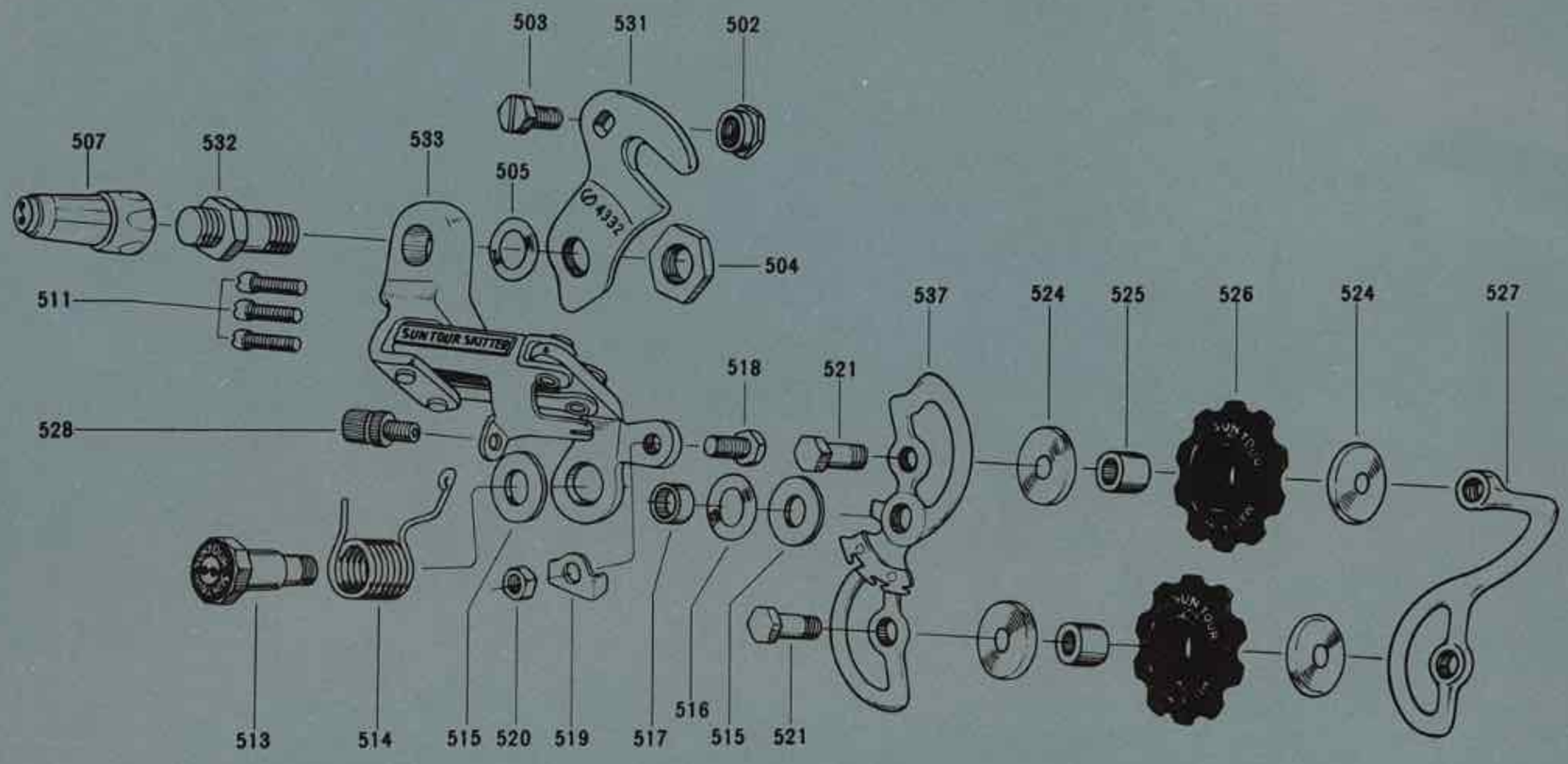
For Ordinary use (Steel)
Gear capacity: 28T.
Stroke: 31mm
Top normal
Weight: with Bracket 400g.

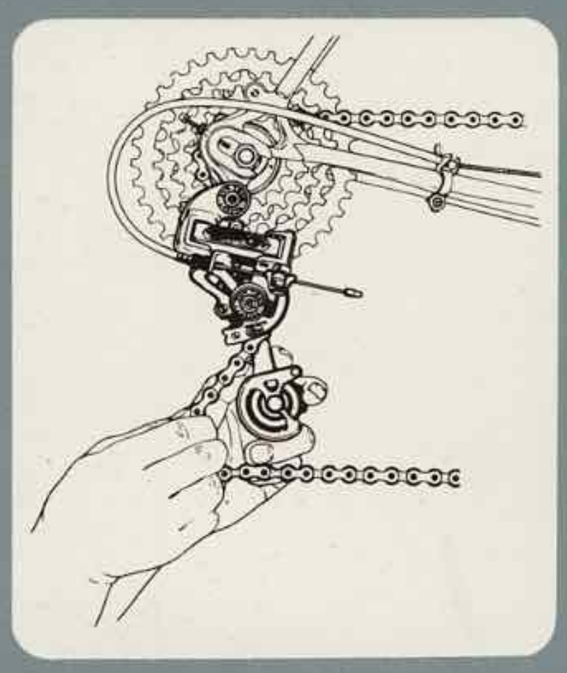
REAR DERAILLEURS



SUNTOUR SKITTER
No.2200

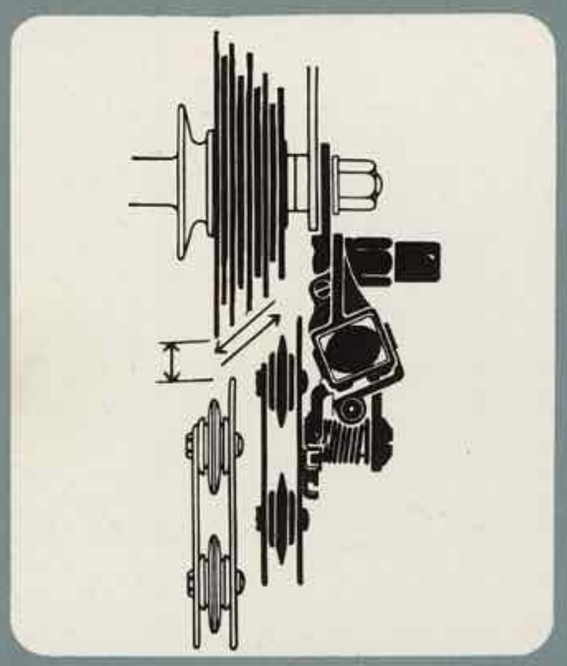
For Ordinary use (Steel)
Gear capacity: 28T.
Stroke: 32mm
Low normal
Weight: with Bracket 315g.





SPECIAL FEATURES OF THE REAR DERAILLEUR WITH QUICK CAGE

You may remove the chain from the Derailleur Cage without taking off a chain link.
When it is necessary to take off the rear wheel from the bicycle (for repairing the tire, tube or rear hub), simply shift the Derailleur to top position (smallest sprocket), then remove the chain from the Derailleur Cage, and the rear wheel can be taken off easily without interferance from the chain.

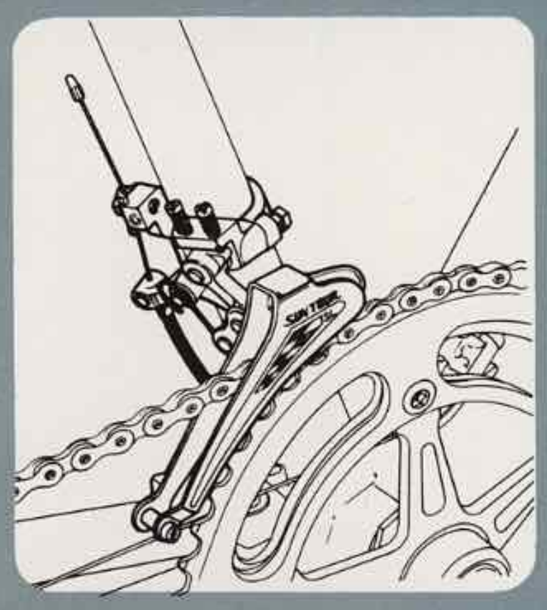


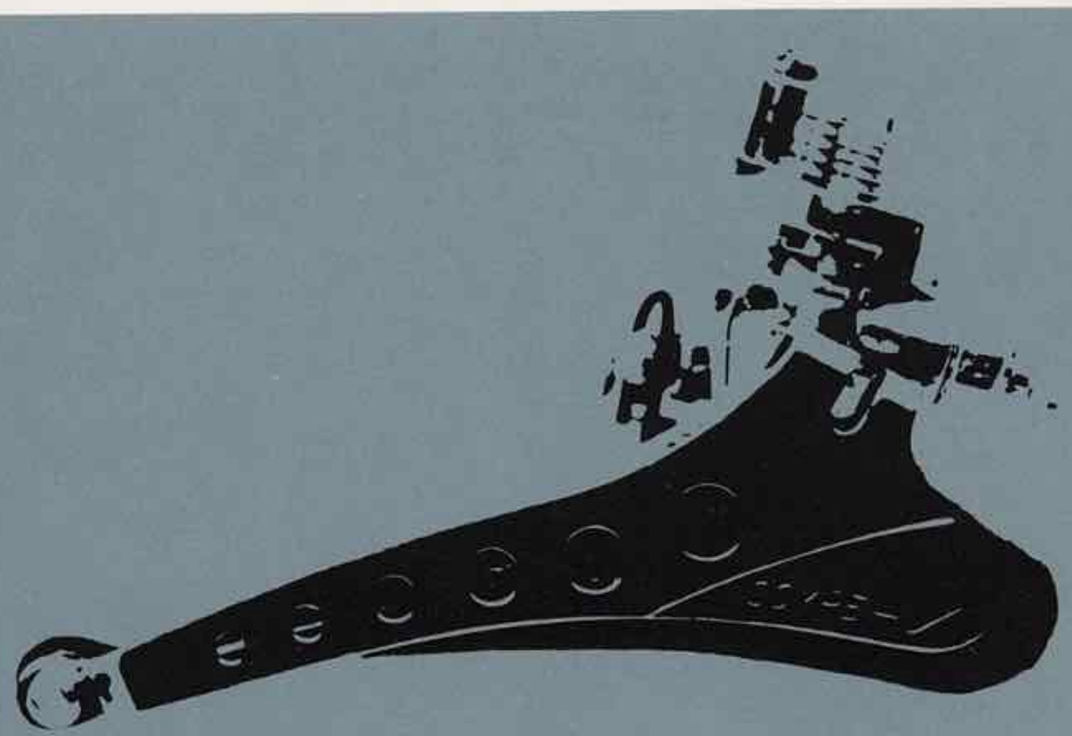
MAEDA ENGINEERED FRONT AND REAR DERAILLEURS INTEGRAL WITH SLANT PANTOGRAPH MECHANISM

Ensure a smoother change in all ranges of speeds.
Maeda's unique slant pantograph mechanism enables the pulleys to shift diagonally in parallel with the sprockets during gear change. The uniform clearance thus retained between the pulleys and the sprockets assures more stable driving and easier shifting, making Sun Tour derailleurs unbeatable by any competing model.
This epoch-making mechanism is patented in Japan, U.S.A. and European countries.

FRONT DERAILLEURS

SunTour

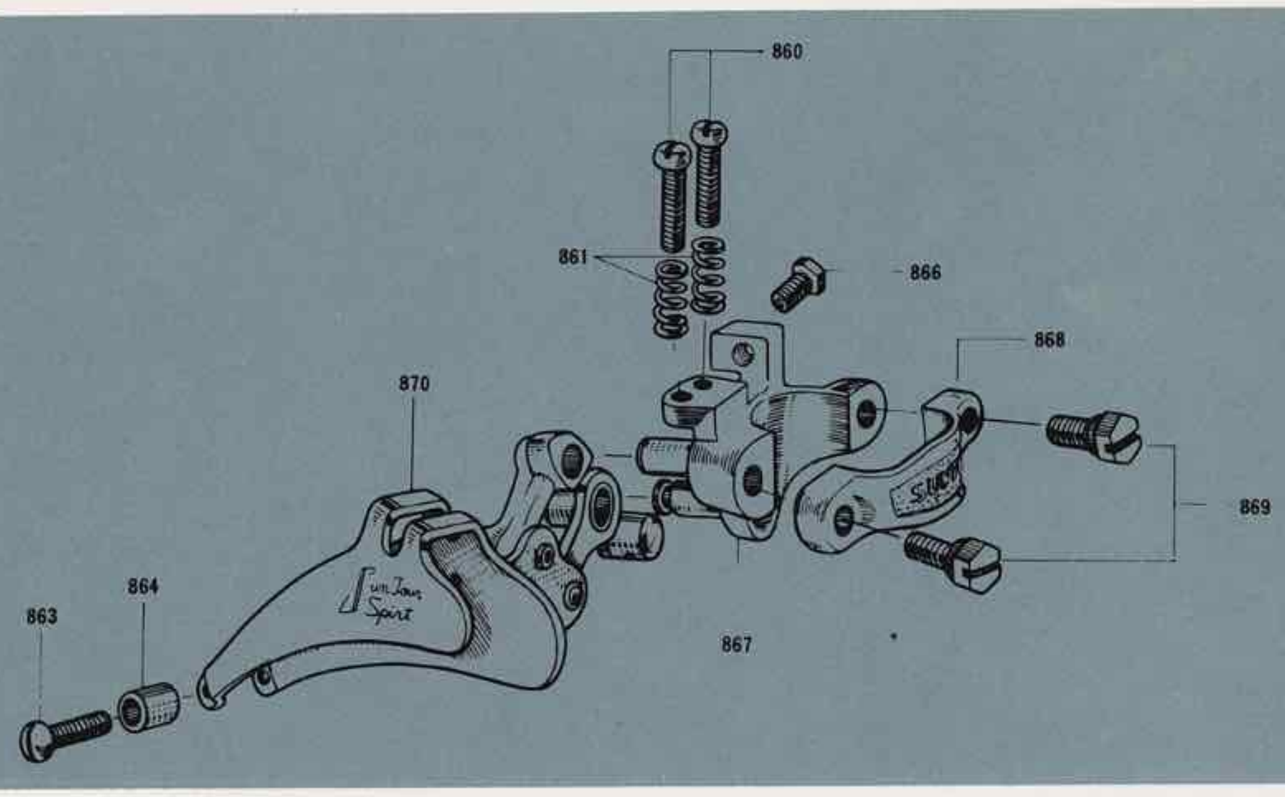






SUNTOUR SPIRT
No.3700

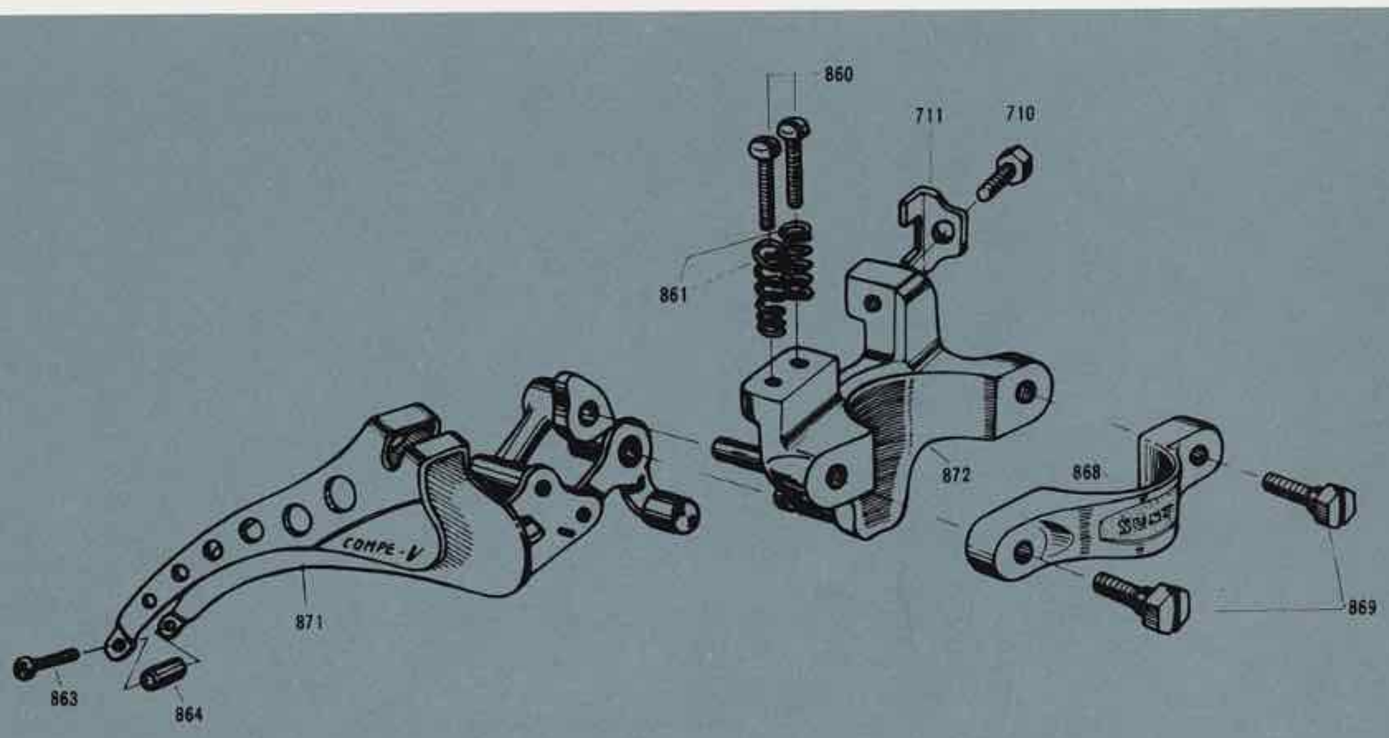
For Ordinary use (Steel) 1-1/8" 1" 28.0φ
Low normal Weight: 160g.





SUNTOUR COMPE-V
No.3701

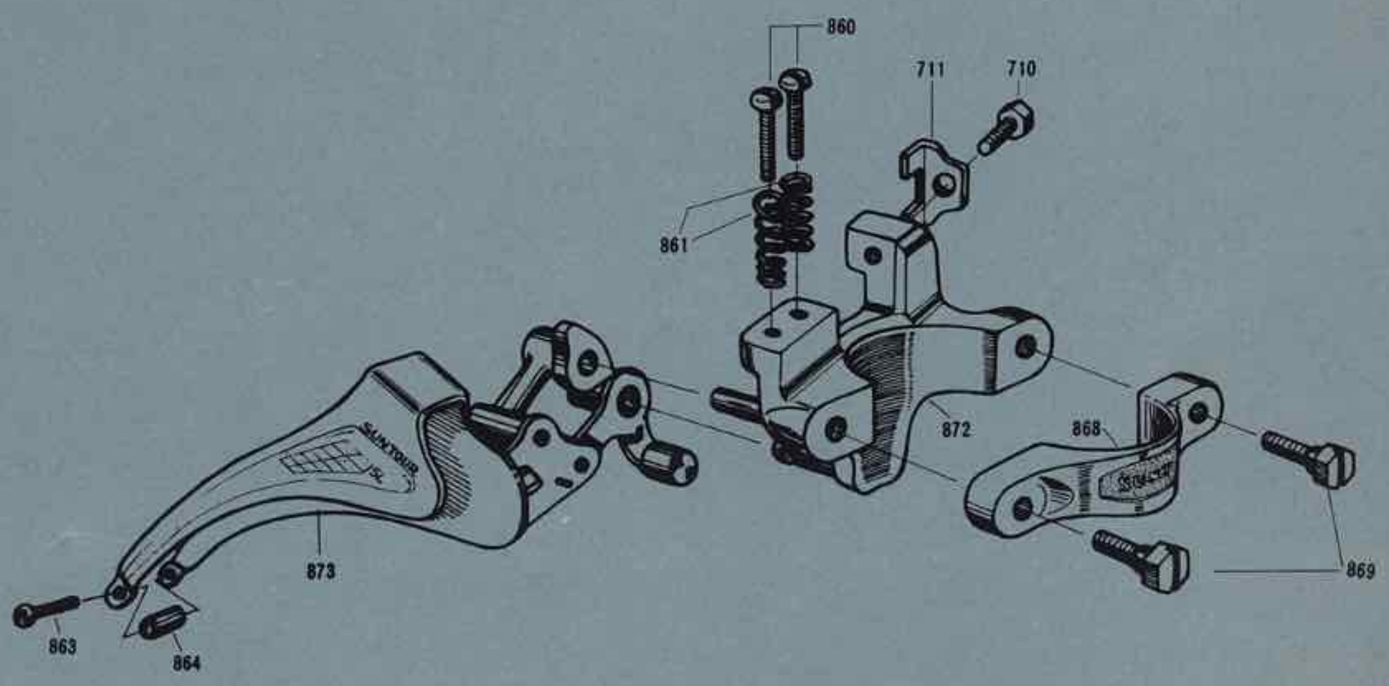
For Ordinary use (Light Alloy)
Low normal Weight: 145g, 1-1/8 28.0φ



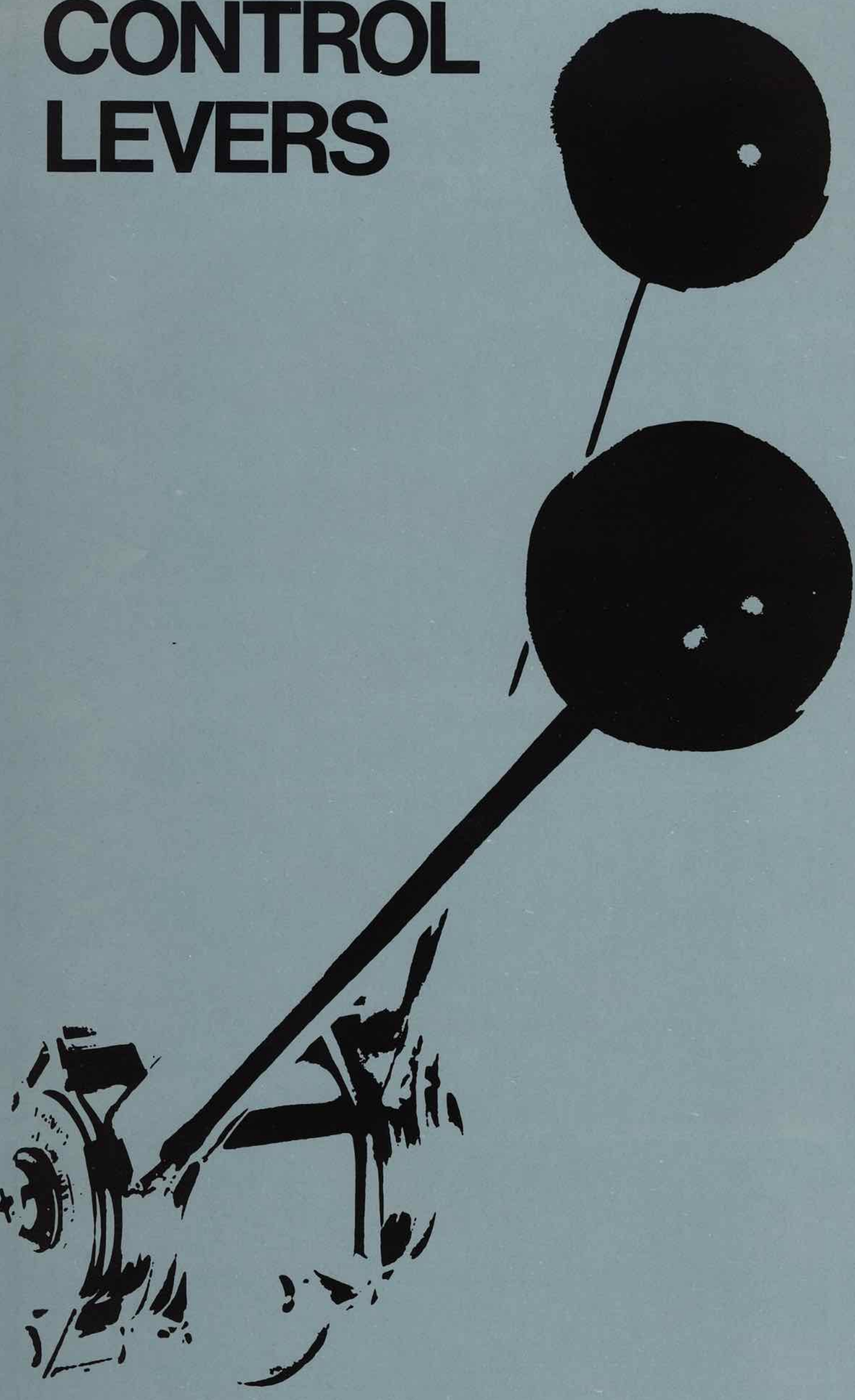


SUNTOUR SL
No.3702

For Ordinary use (Light Alloy)
Low normal Weight: 110g, 1-1/8 28.0φ



CONTROL LEVERS



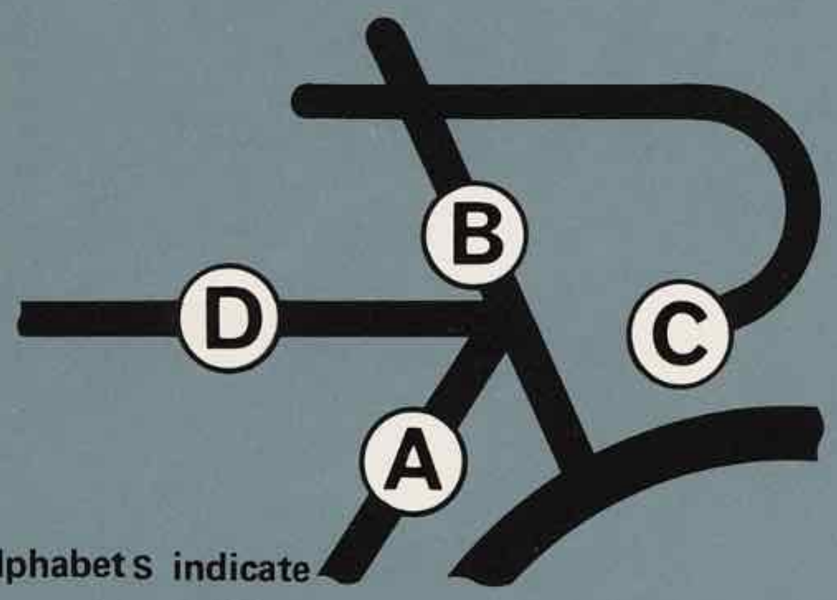
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CONTROL LEVERS

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» CONTROL LEVERS FOR 1" TOP TUBES





Alphabets indicate the position of levers.



SUNTOUR SINGLE LEVER
No.3203 SLW

D

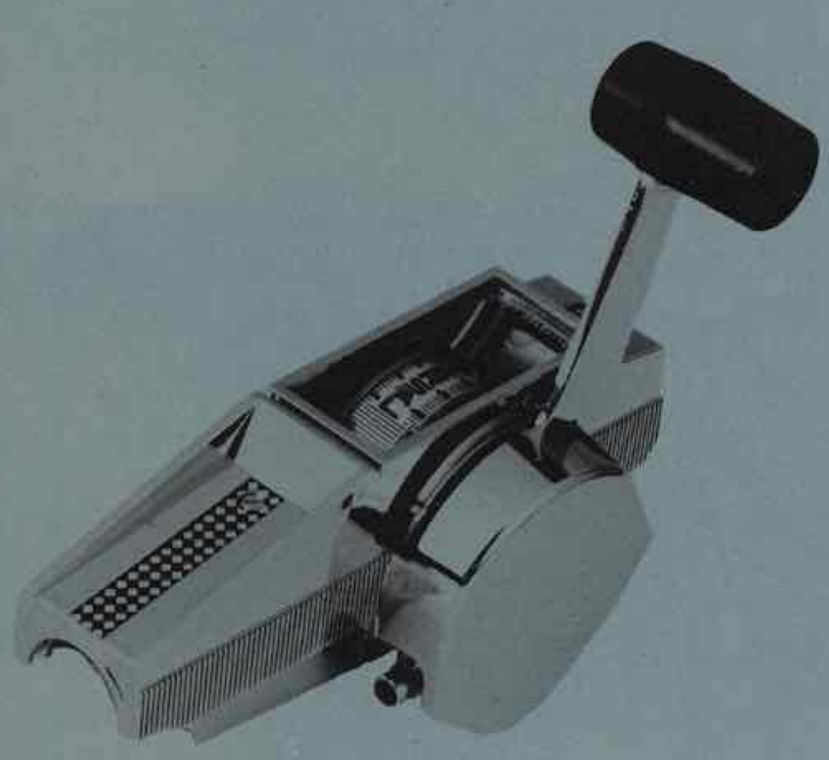


SUNTOUR SPORT LEVER
No.3153
For universal type. Black & White



SUNTOUR MARK-II LEVER
No.3155
For universal type Black

D



SUNTOUR TT-5 CONSOLE LEVER
No.3051
For universal type.

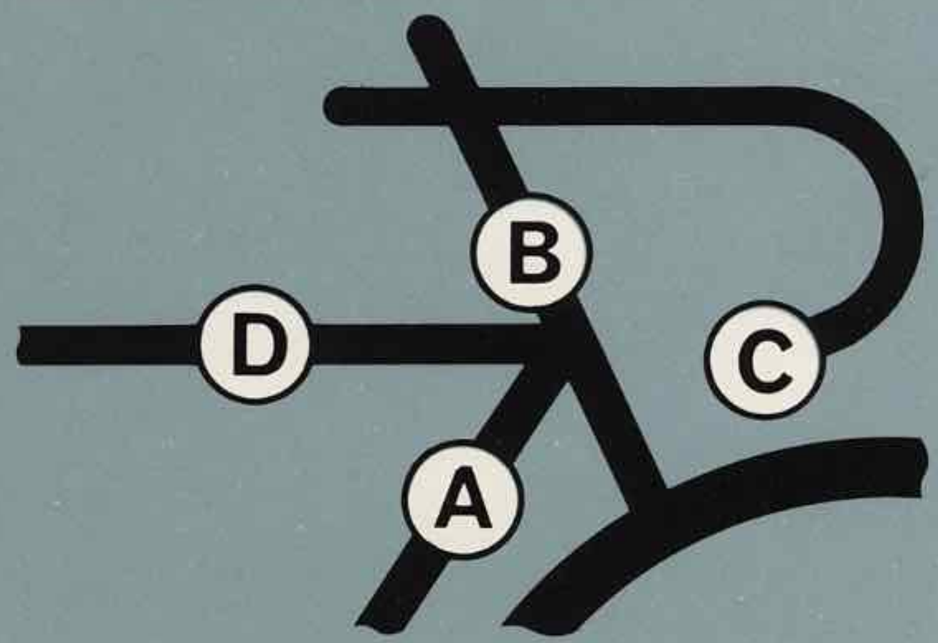


SUNTOUR STM-3 LEVER
No.3112
For Sturmey-Archer 3-speed hubs

CONTROL LEVERS

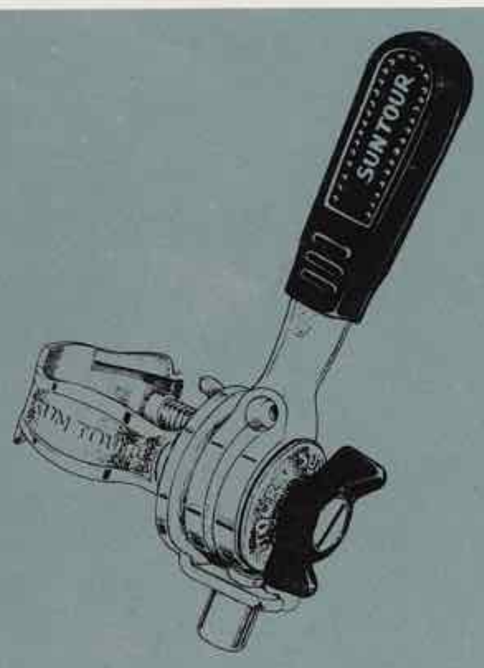


» CONTROL LEVERS FOR 1-1/8" DOWN TUBES

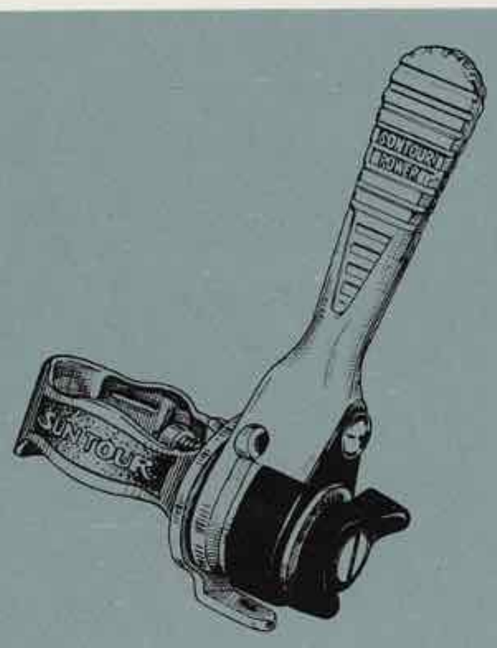


Alphabets indicate the position of levers

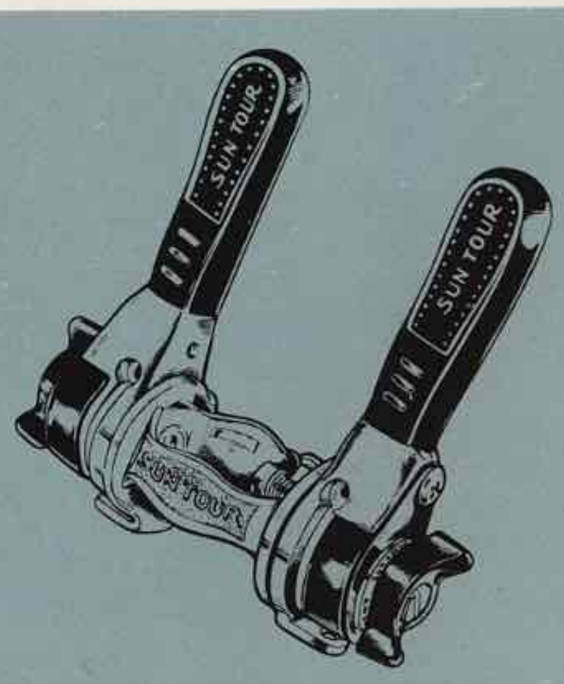
(A)



SUNTOUR SINGLE LEVER
No.3202 SLW

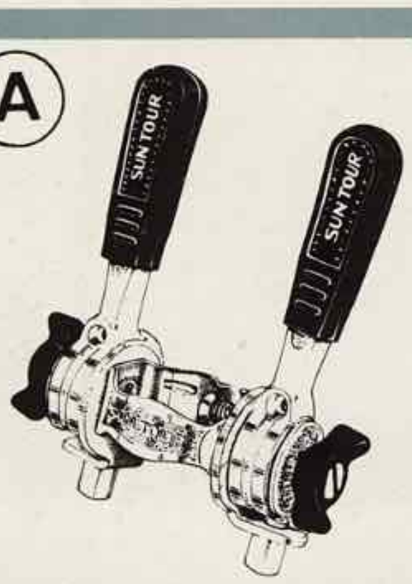


SUNTOUR POWER SINGLE LEVER
No.3552 PSL-M

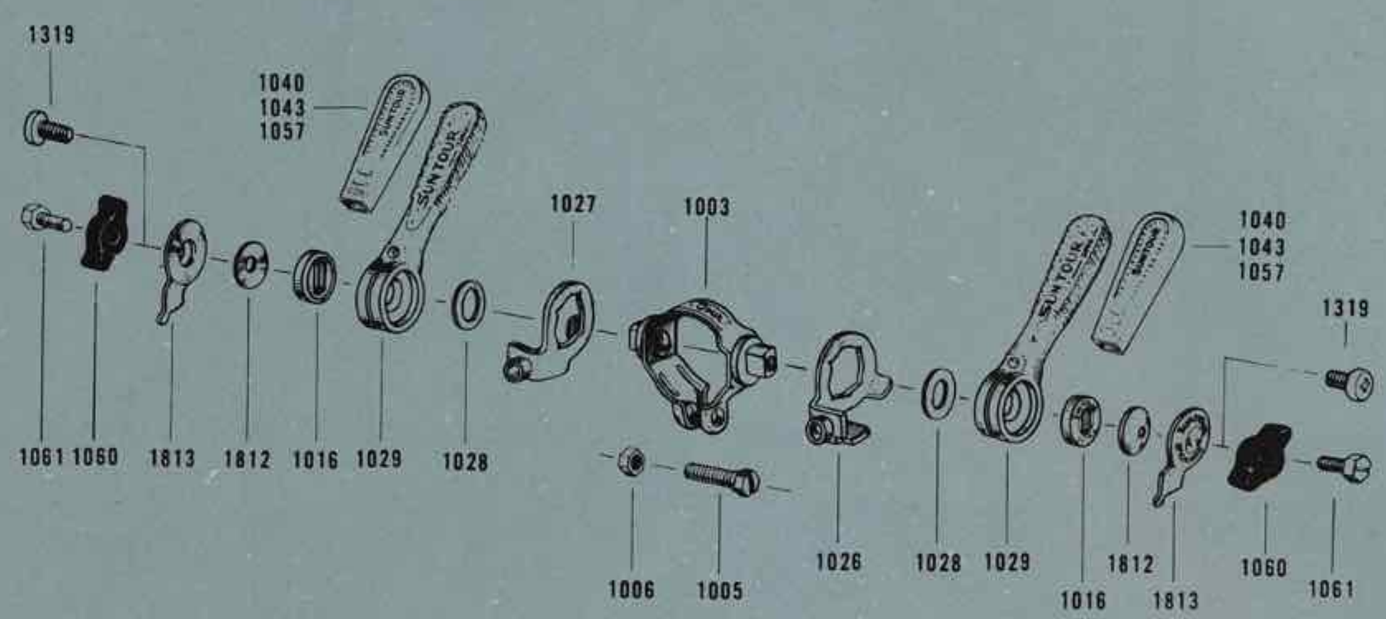


SUNTOUR POWER DOUBLE LEVER WITH HOOD
No.3551 PDL-S

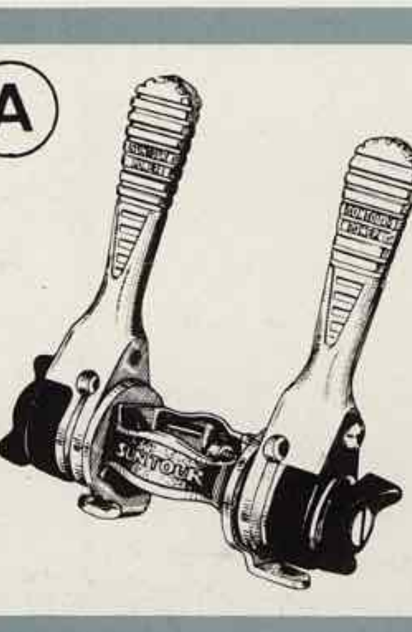
(A)



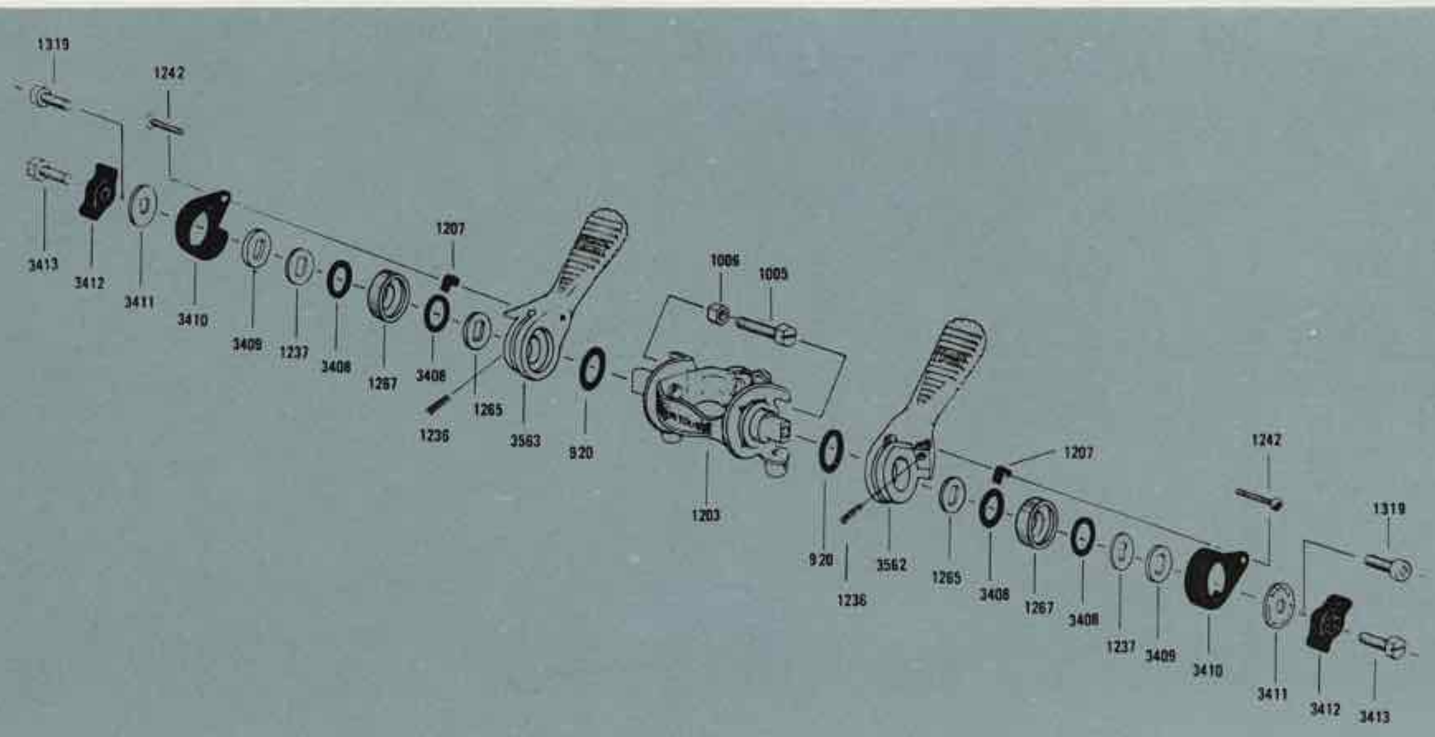
SUNTOUR DOUBLE LEVER
No.3302 DLW



(A)



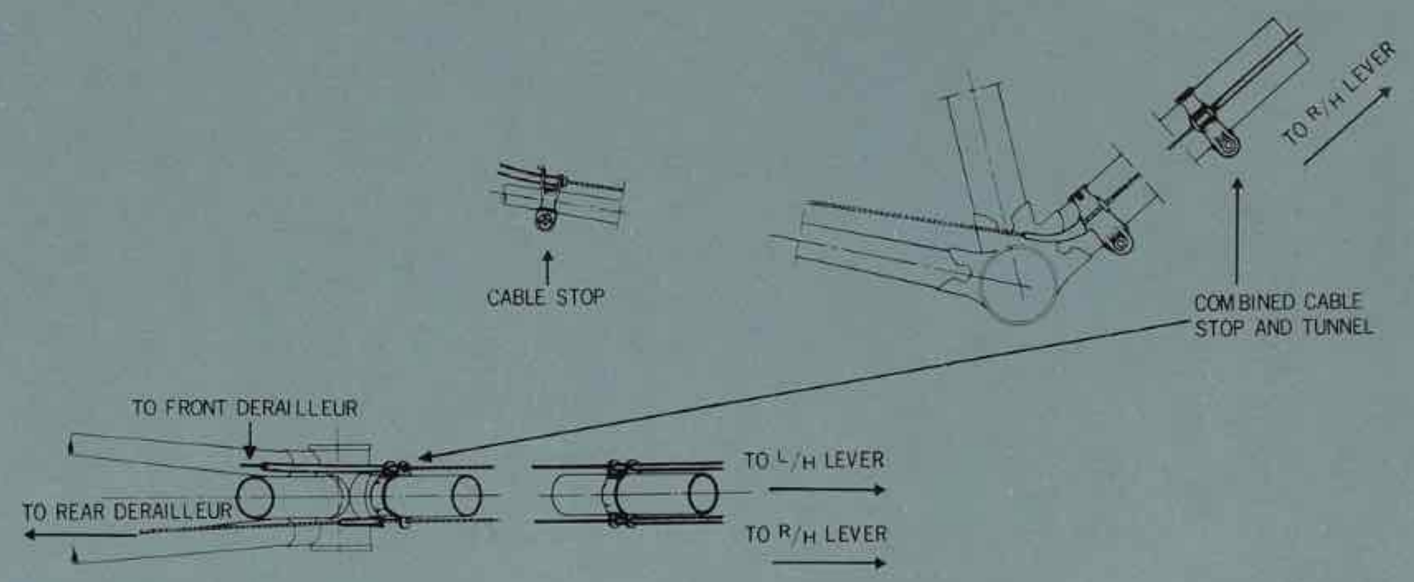
SUNTOUR POWER DOUBLE LEVER
No.3553 PDL-M



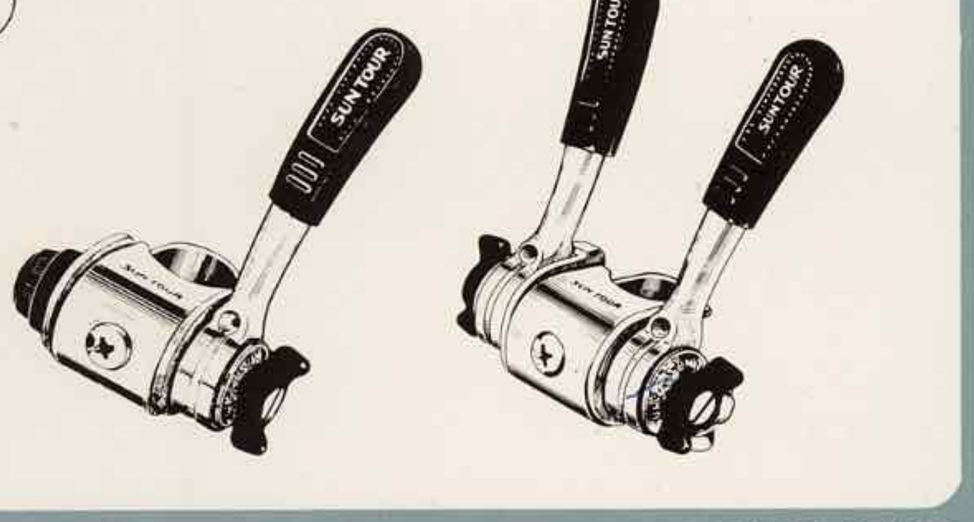
CONTROL LEVERS

» CONTROL LEVERS FOR HANDLE BAR STEM



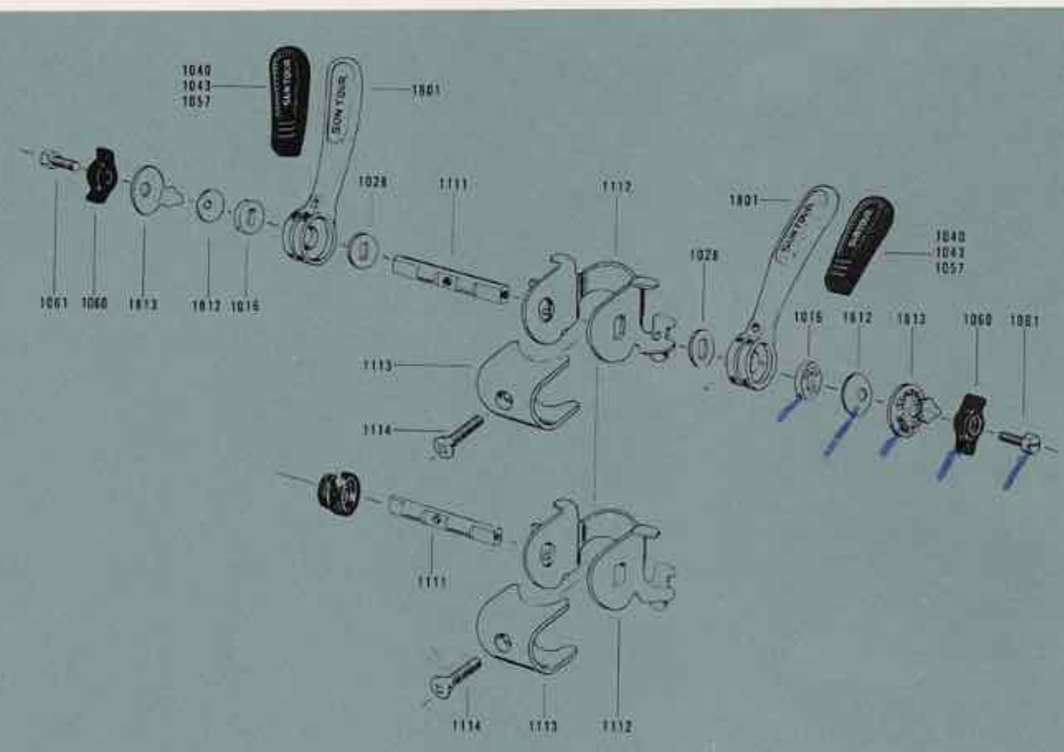


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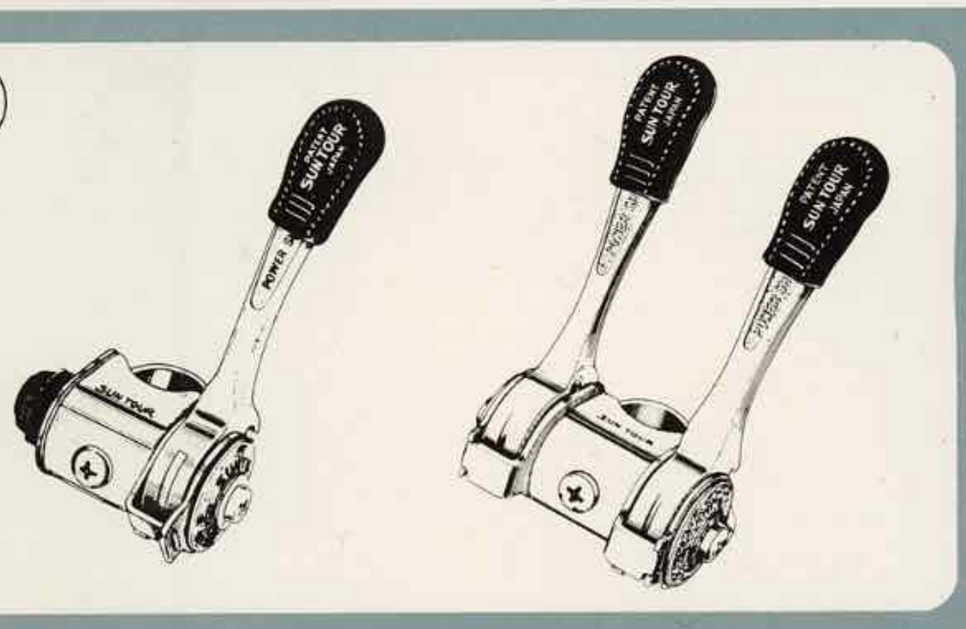


SUNTOUR SINGLE LEVER
No.3020 UB-5

SUNTROUR DOUBLE LEVER
No.3030 UB-10

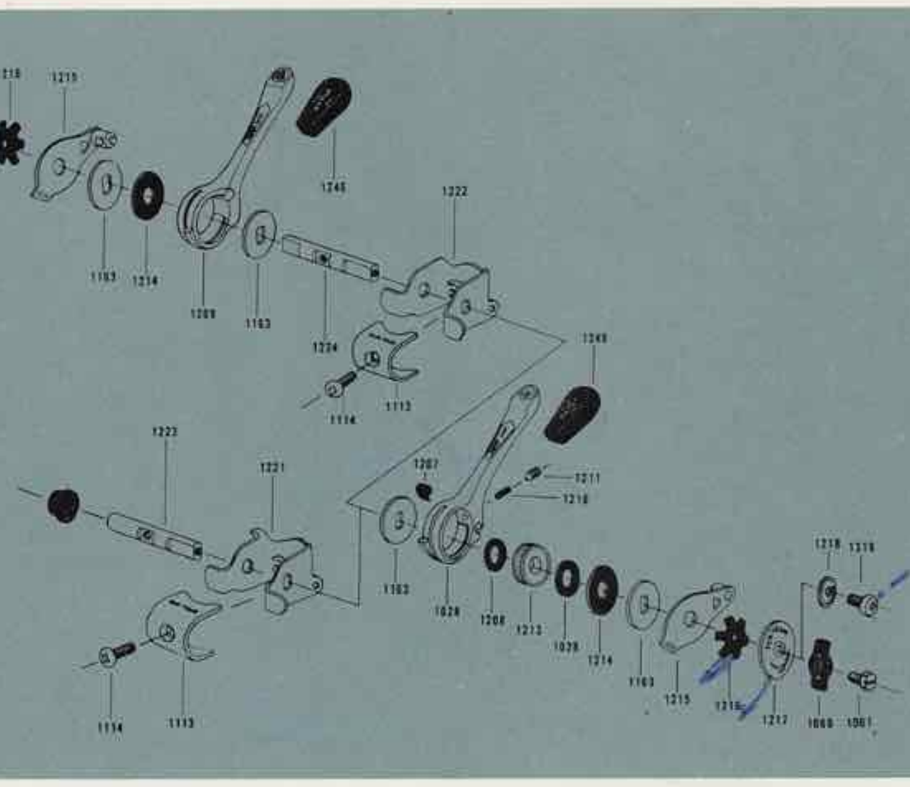


B



SUNTOUR POWER SINGLE LEVER
No.3070 PUB-5

SUNTOUR POWER DOUBLE LEVER
No.3080 PUB-10



B



SUNTOUR SINGLE LEVER
No.3021 UB-5 Long Lever



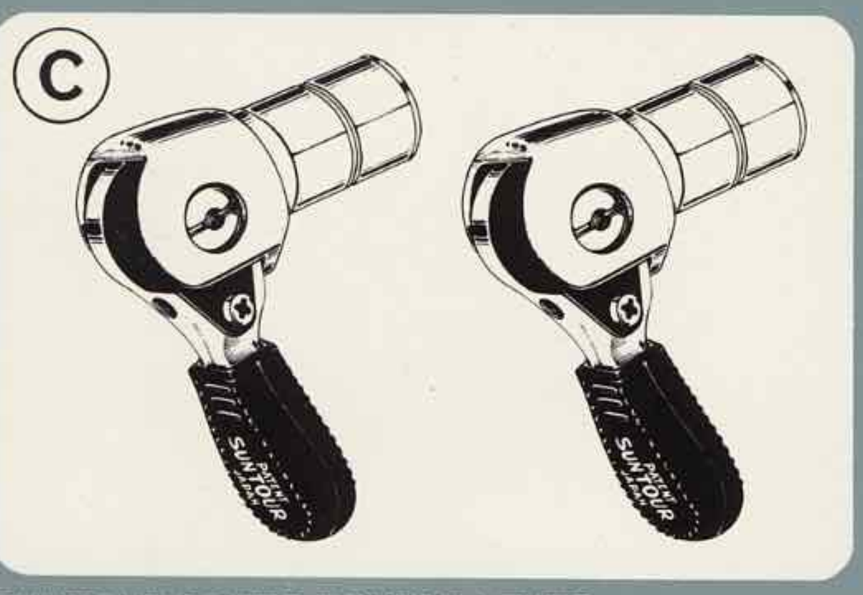
SUNTOUR DOUBLE LEVER
No.3031 UB-10 Long Lever



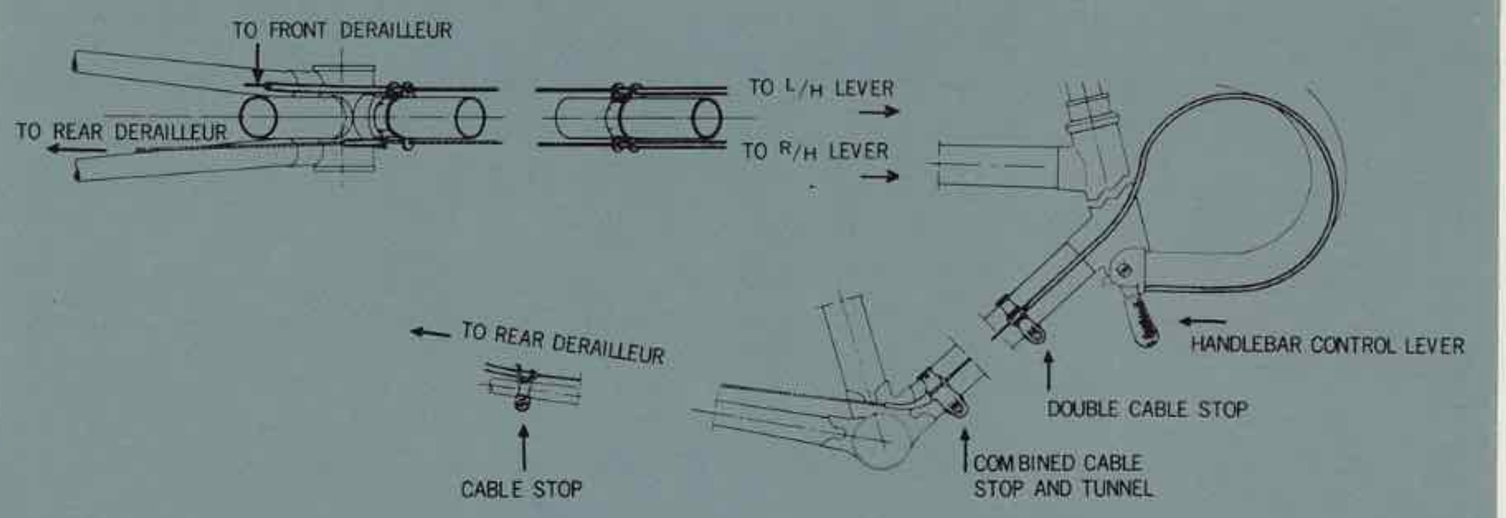
SUNTOUR CONSOLE TYPE LEVER
No.3043 HS-3B
No.3039 HS-3 W/O BUZZER

CONTROL LEVERS

» CONTROL LEVERS FOR HANDLE BAR AND BAR – END

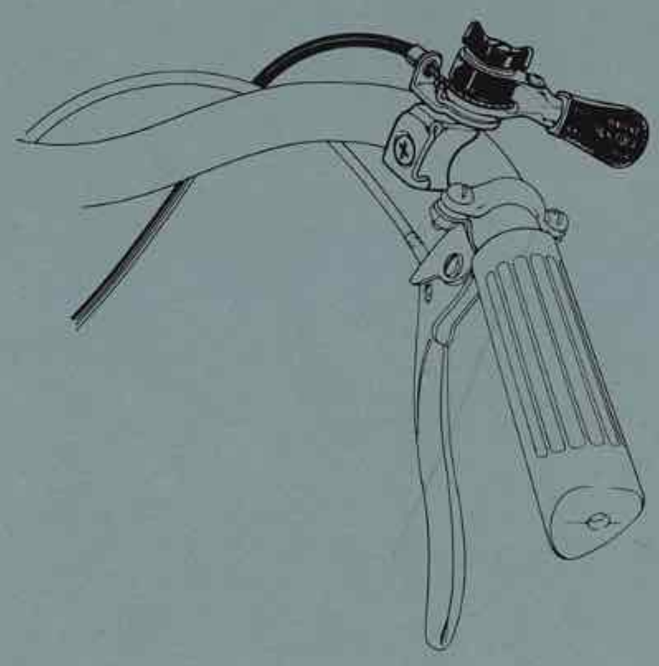


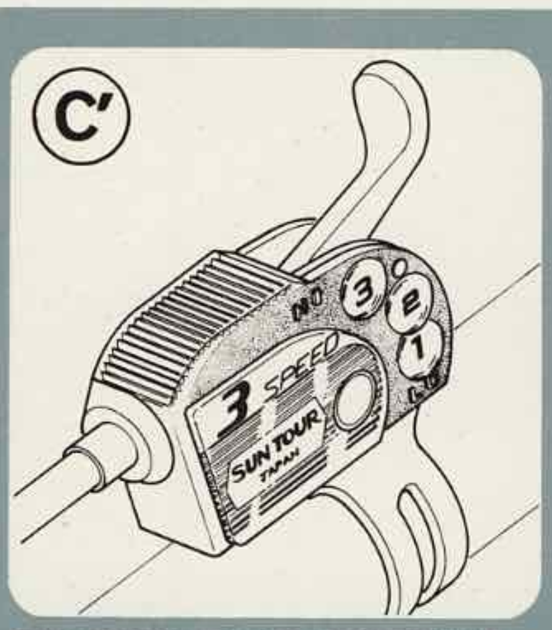
SUNTOUR POWER DOUBLE LEVER
No.3090 BAR-CON



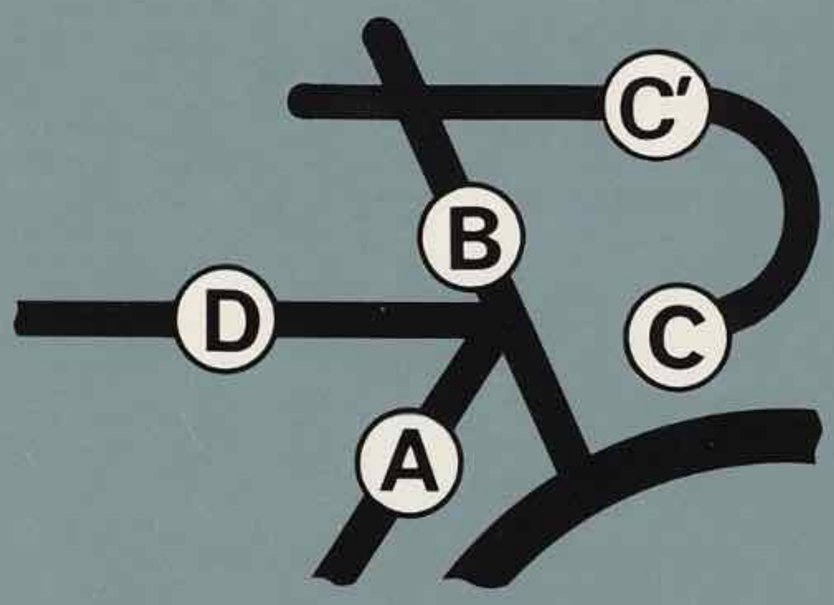


SUNTOUR POWER SINGLE LEVER
No.3450 MIGHTY SHIFTER
For 7/8" tubes 15/16" tubes





SUNTOUR TRIGGER LEVER
No.3460
For 3-speed Hub



Alphabets indicate the position of levers

THE FEATURE OF SUN-TOUR POWER SHIFTER

UNIQUE PRECISION MAKE WITH NO FRICTIONAL RESISTANCE

It is so well designed that there is no resistance at all as compared with other ordinary levers.
Every lever requires certain friction so that it can stay on the selected speed position, but the POWER SHIFT has completely no frictional resistance on account of the small notches built in the lever, saying tick-tack, tick-tack, at the time of speed selection.
In order to put the chain in the proper position on the rear sprockets, the hardened small notches are adopted in this POWER SHIFT.
At the time of releasing the lever to the faster speed position, the spring on the rear derailleur helps to pull down the lever to the faster speed position. This will result in well balanced on the operation for both speed up and speed down.

FREE WHEELS



SunTour

FREE WHEELS



5-SPEED WINNER TYPE FREEWHEEL No.1110

5-speed Winner Type Freewheel
for Racing Boss type (Light Alloy)
size: 1/2" x 3/32"
Top: 13, 14
Second: 14, 15, 16,
Third: 15, 16, 17, 18,
Fourth & Fifth: 16, 17, 18, 19, 21, 22, 23, 24T
Precision made of selected material
(Lightest material for Jet Plane)
Available for close ratio 13, 14, 15,16, 17T



5-SPEED PERFECT TYPE FREEWHEEL

Boss type. Brown finish
size: 1/2" x 3/32" x 14 to 34 Teeth
Available in any combination
(except 25, 29, 31, 33T)

No.1100 Standard model: 15, 17, 19, 21 & 24 teeth.
No.1101 Racing model: 14, 15, 17, 19 & 21 teeth.
No.1102 Wide model: 14, 17, 20, 24 & 28 teeth.
No.1103 Ultra model: 14, 18, 22, 26 & 30 teeth.
No.1104 GT model: 14, 18, 22, 27 & 34 teeth.
No.1106 GR model: 14, 18, 22, 27 & 32 teeth.

5-SPEED Z GEAR MODEL 28T, 30T, 32T, 34T

No.1102-Z 14, 17, 20, 24, 28 teeth (Z gear model)
No.1103-Z 14, 18, 22, 26, 30 teeth (Z gear model)
No.1104-Z 14, 18, 22, 28, 34 teeth (Z gear model)
No.1106-Z 14, 18, 22, 27, 32 teeth (Z gear model)



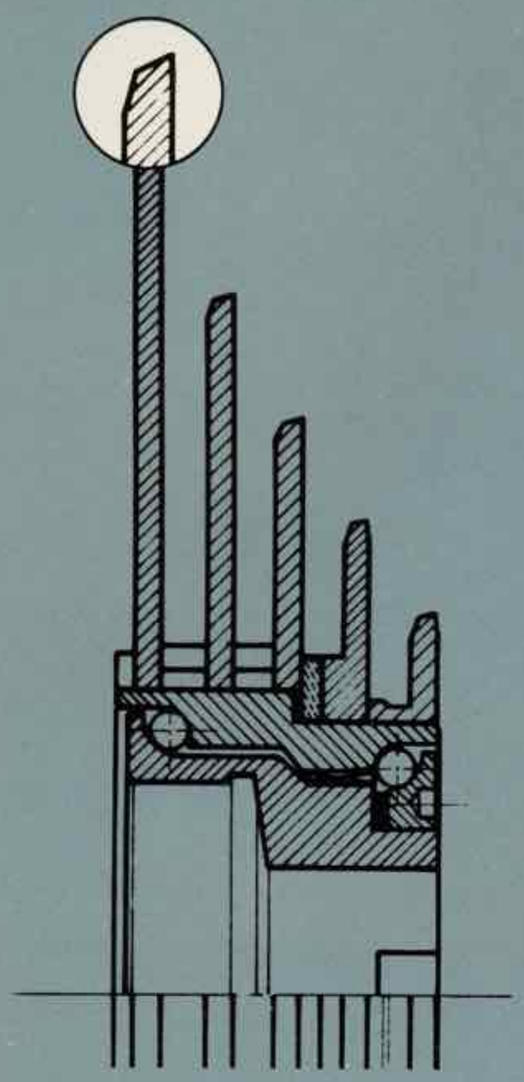
5-SPEED PROCOMPE TYPE FREEWHEEL

Boss type. Golden colour finish
size: 1/2" x 3/32" x 14 to 34 Teeth
Available in any combination same as Perfect type Freewheel
But "G" mark should be added to model Nos.
(Example) **No.1101-G** = Gold finished (14, 15, 17, 19, 21T)

FREE WHEELS

SunTour

TEETHING PROFILE

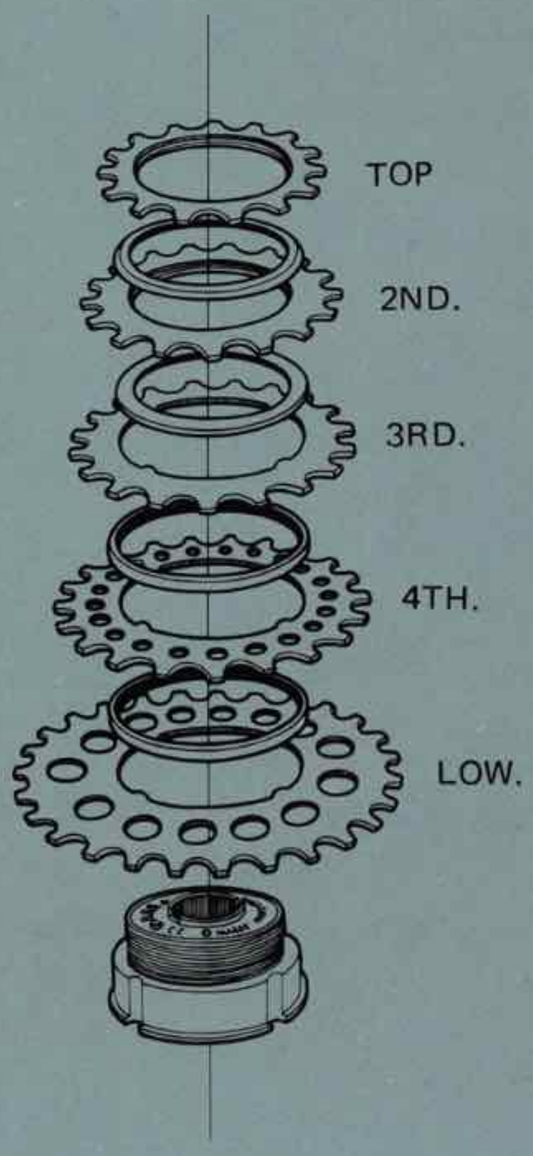


No.1090
Remover for Maeda boss type Freewheels.

MULTIPLE FREEWHEEL

All our freewheels are specially designed for quick, and easy change.
All sprockets, removable from outside, can be changed without removing the freewheel from the hub.
On large flange hubs, spokes can be renewed without removing the entire freewheel.
The two-notch thick-walled, heat-treated core facilitates freewheel removal.

LOW.			4TH.			3RD.			2ND.	TOP
18	23	30	17	22	28	16	21	27	15	14
19	24	32	18	23	30	17	22	28	16	15
20	26	34	19	24	32	18	23	30	17	16
21	27		20	26	34	19	24	34	18	17
22	28		21	27		20	26			

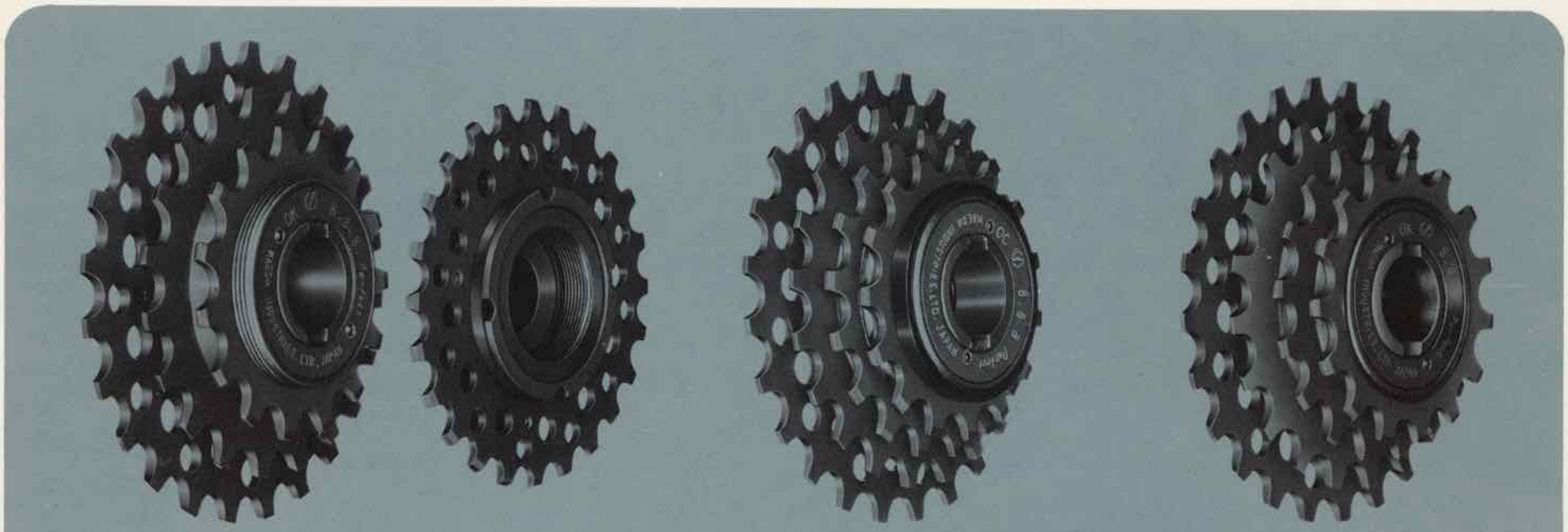




"ZIGZAG TEETH" FREEWHEEL

Specially designed to meet the demand of more efficiency of gear change for wider ratio.
This brand-new patented cogs enable you to change speed quickly and smoothly even from top to low at one time. The teeth are tipped rather sharply and literally zigzaged like saw blades to preci -sely fit each link plate of chains which is alternately connected externally and internally.

FREE WHEELS



3-SPEED FREEWHEEL
No.1250
Boss type Brown finished
Size: 1/2" x 1/8" x 15 , 19 & 24 teeth.

4-SPEED FREEWHEEL
No.1200
Boss type. Brown finish
Size: 1/2" x 3/32" x 15, 17, 20 & 24 teeth

4-SPEED FREEWHEEL
No.1800
Boss type. Borwn finish
Size: 1/2" x 1/8" x15, 17, 20 & 24 teeth.



CHAIN TENSIONER FOR TANDEM
No.4200



RACING SPROCKET
Size: 1/2" x 1/8" x 13T, 14T, 15T, 16T 17T



Size: 1/2" x 3/32" x 13T, 14T, 15T, 16T, 17T.

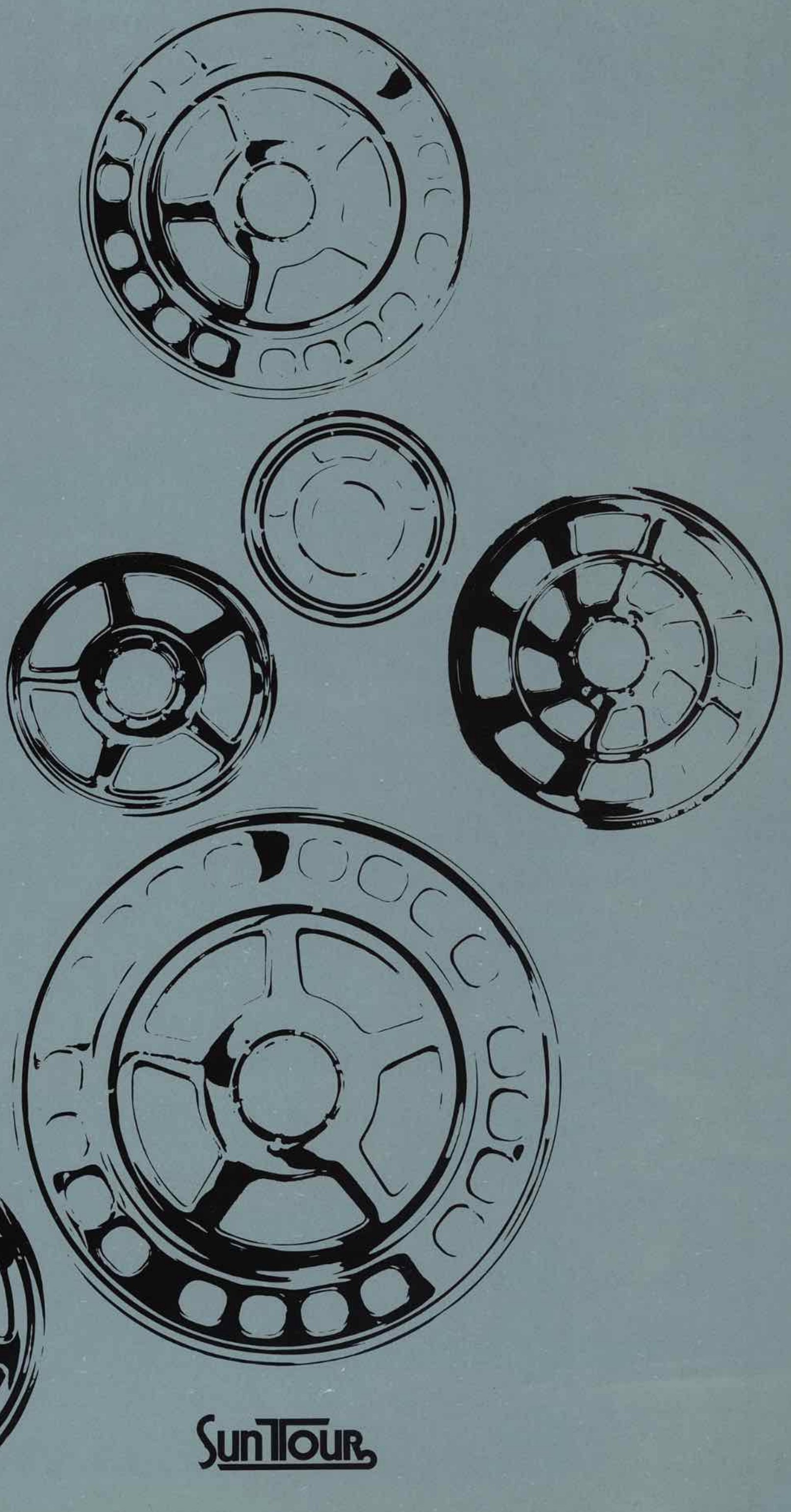






SINGLE FREEWHEEL
Brown finish. Full balls.
Size: 1/2" x 1/8" x 16T, 18T, 19T, 20T, 21T, 22T, 24T.

ACCESSORIES

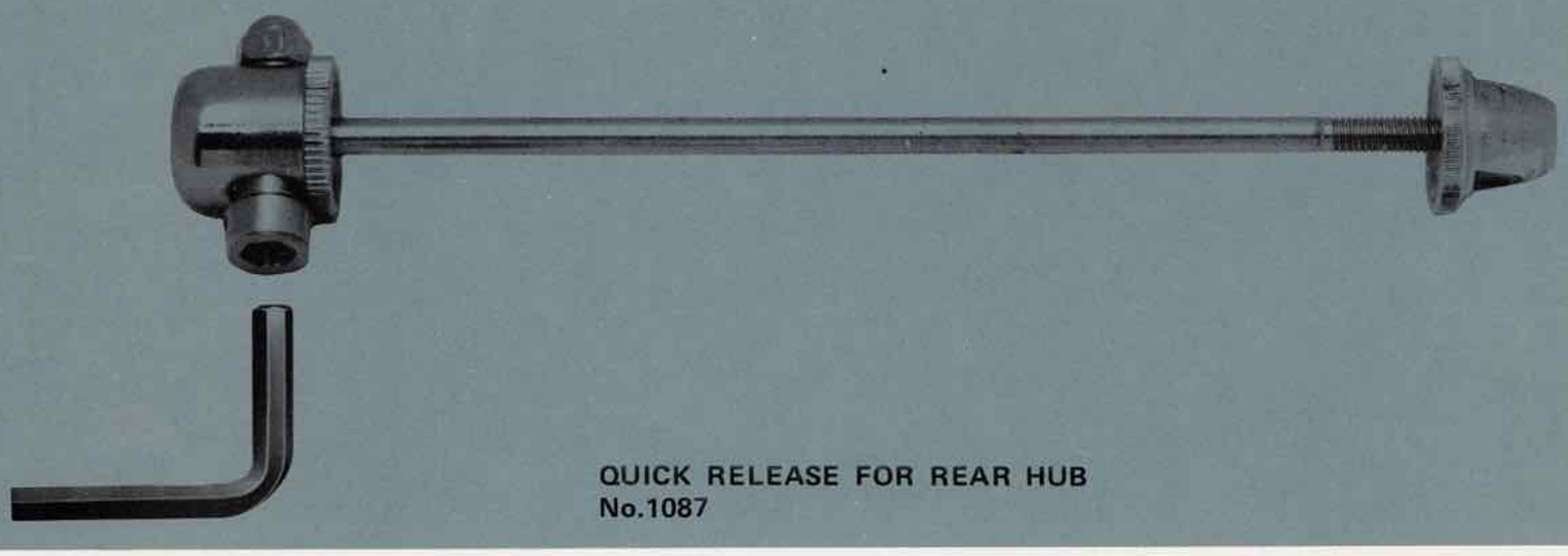


SunTour

QUICK RELEASE AND QUICK BAND



QUICK RELEASE FOR FRONT HUB
NO.1086

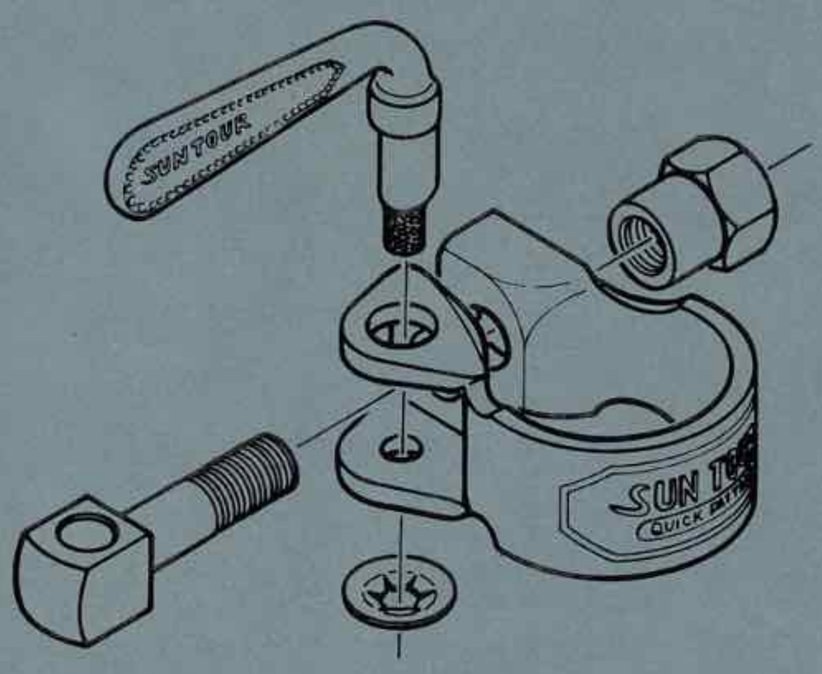


QUICK RELEASE FOR REAR HUB
No.1087



QUICK RELEASE FOR SEAT PILLAR
No.1085





QUICK BAND

No.1091	(1-1/8")	28.6mm)
No.1092	(1-5/16")	33mm)
No.1093	(1")	25.4mm)
No.1094	(1-7/32")	31mm)
No.1095	(1-1/4")	32mm)

CLIPS

SunTour



No.1831



No.1834



No.1135



No.1134



No.1080



No.1036

No.1036 Clip on chain stay for rear derailleur,
No.1080 Clip on chain stay for rear derailleur with chain guard
No.1135 Double cable clip for down tube
No.1134 Single clip for down tube
No.1831 Double cable holder
No.1834 Single cable holder



No.1027 (S)



No.1027 (W)



No.1028



No.1029

No.1027 Cable clip, For 1" tubes. single or double
No.1028 Cable clip, For 1-1/8" tubes. 1", 1-1/8"
No.1029 Cable clip, For Rear stays. 5/8"



No.1030



No.1031



No.1032



No.1033

No.1030 Cable clip, For 1" tubes.
No.1031 Cable clip, For 1-1/8" tubes.
No.1032 Cable clip, For Rear stays. 1/2" 5/8" 11/16"
No.1033 Cable band



No.1075

No.1076
No.1077

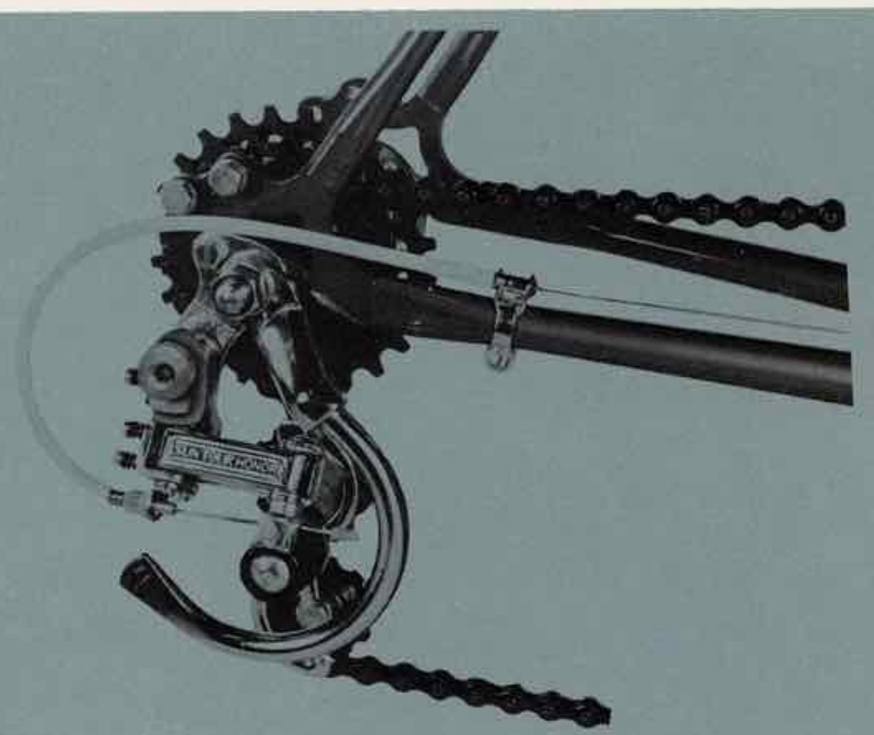
SOFT CLIP

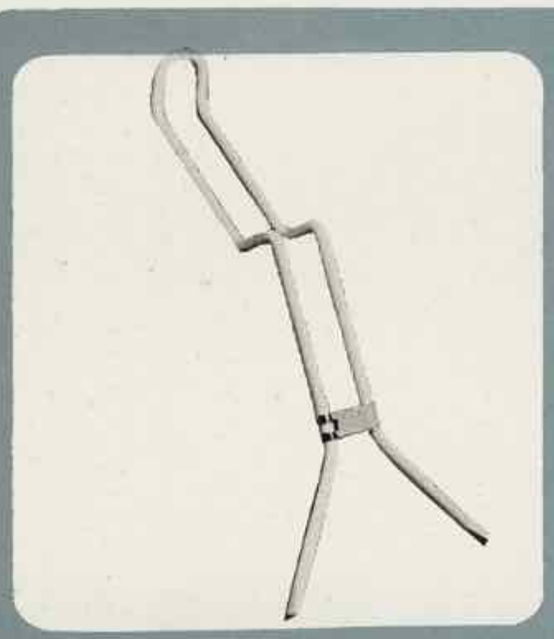
No.1075 Double clip for 1-1/8"
No.1076 Single clip for 1-1/8"
No.1077 Single clip for 1"

DERAILLEUR GUARD MULTI-STAND FORK ENDS



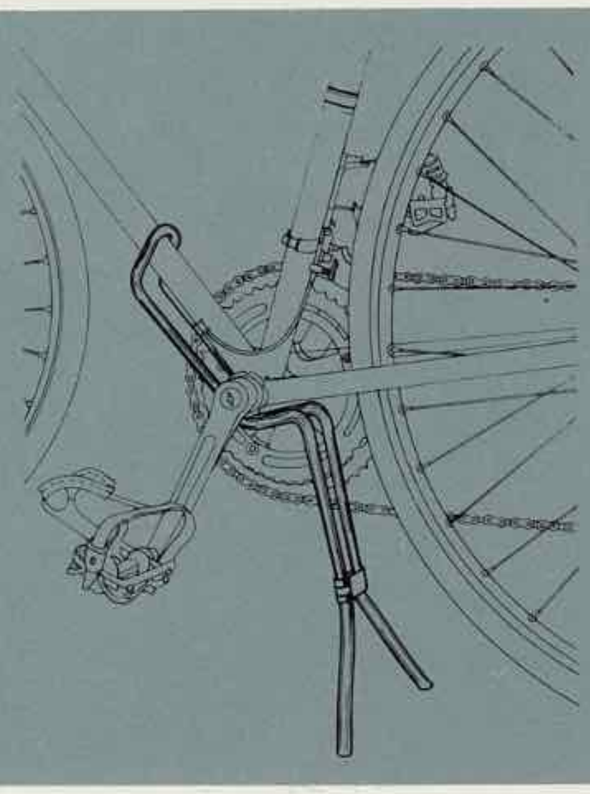
REAR GEAR GUARD TYPE
No.1055 Type J





SUNTOUR MULTI-STAND
No.4500

» Versatile, easy to attach and detach
For derailleur servicing, bicycle display for ordinary use.

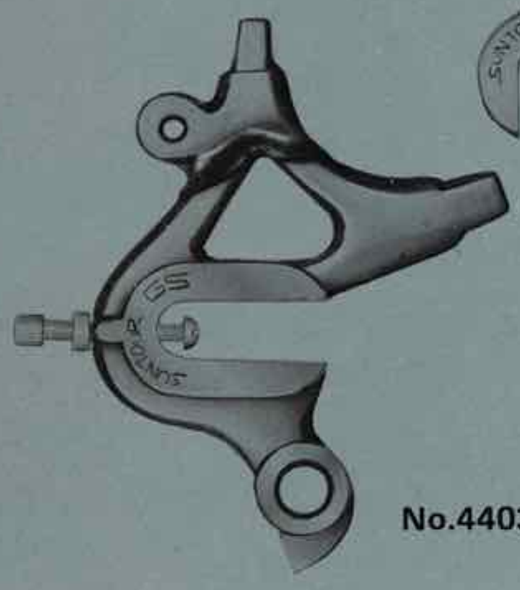




No.4401



No.4402



No.4403

REAR AND FRONT FORK ENDS "GS"

No.4401 **No.4402**
Front fork ends forged and machined to 6 mm thick

No.4403 **No.4404**
Rear fork ends forged and machined to 7 mm thick



No.4404



No.4411



No.4412



No.4413

REAR AND FRONT FORK ENDS "GT"

No.4411 **No.4412**
Front fork ends pressed and machined to 6mm thick

No.4413 **No.4414**
Rear fork ends pressed and machined to 6mm thick



No.4414

SPORK DISC AND BOTTOM BRACKET

SunTour



No.1140



No.1143



No.1141



No.1139



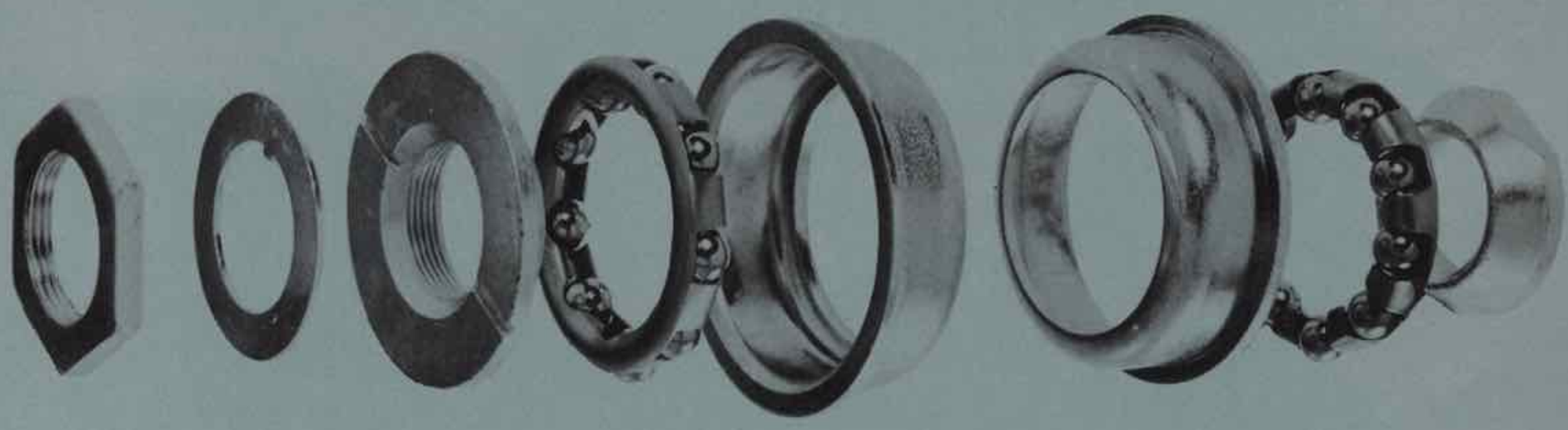
No.1142



No.1039

SPORK DISC

No.1039 Size: 4-5/8" diam. (Steel or Light Alloy)
No.1139 Size: 7-1/2" diam. (Steel or Light Alloy)
No.1140 Size: 8-1/2" diam. (Steel or Light Alloy)
No.1141 Size: 4-5/8"diam for 3 speed Freewheel (Steel)
No.1142 Size: 6" diam. (Steel)
No.1143 Size: 7-1/2"diam (Steel)

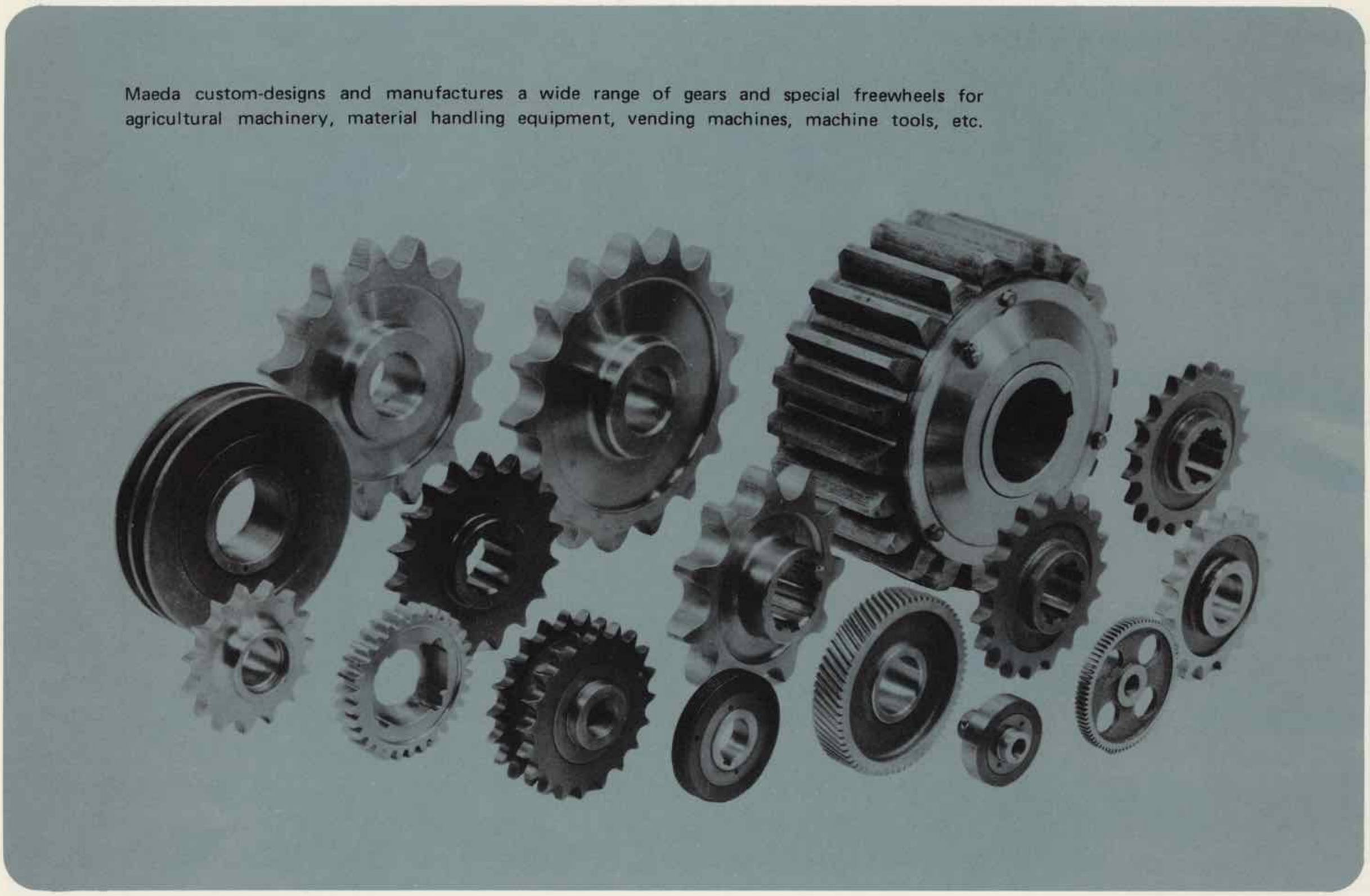


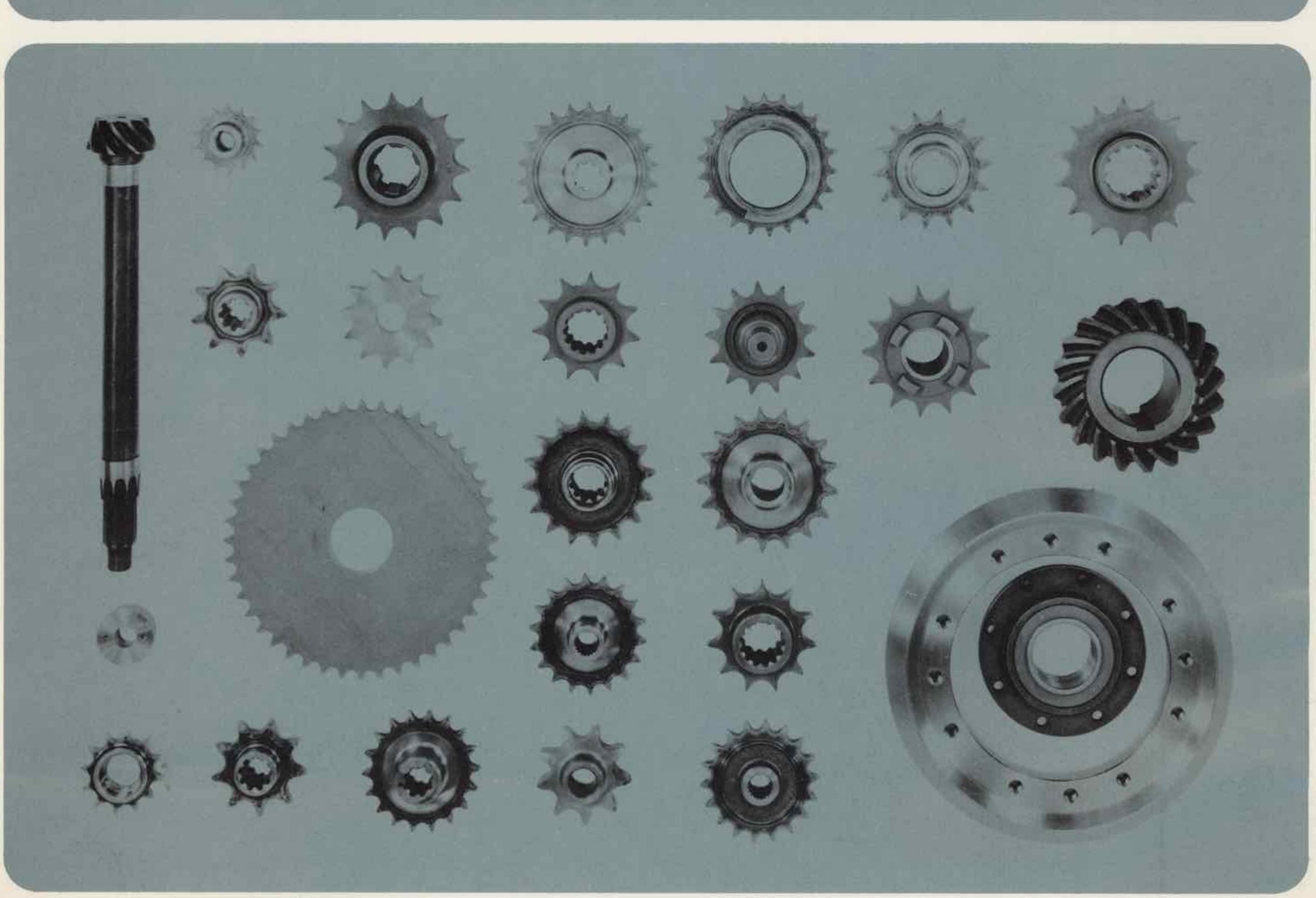
No.4100

Set of bottom bracket parts for one piece one piece cranck.
2 cups, 2 cones lock nut, washer and 2 ball retainers

PARTS FOR MACHINERY

Maeda custom-designs and manufactures a wide range of gears and special freewheels for agricultural machinery, material handling equipment, vending machines, machine tools, etc.









MANUFACTURING FACILITIES

MAIN PRODUCTS:

1. Freewheels, derailleur gears and multiple freewheels for bicycle use; chain sprockets, freewheels and speci -al gears for mechanical use.
   Maeda's precision parts are manufactured in this efficiently-run, most modern plant.
2. Technical cycle room.
3. Various machines in operation.
4. Steel strips are cut into parts by these automatic presses
5. Assemble line.







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