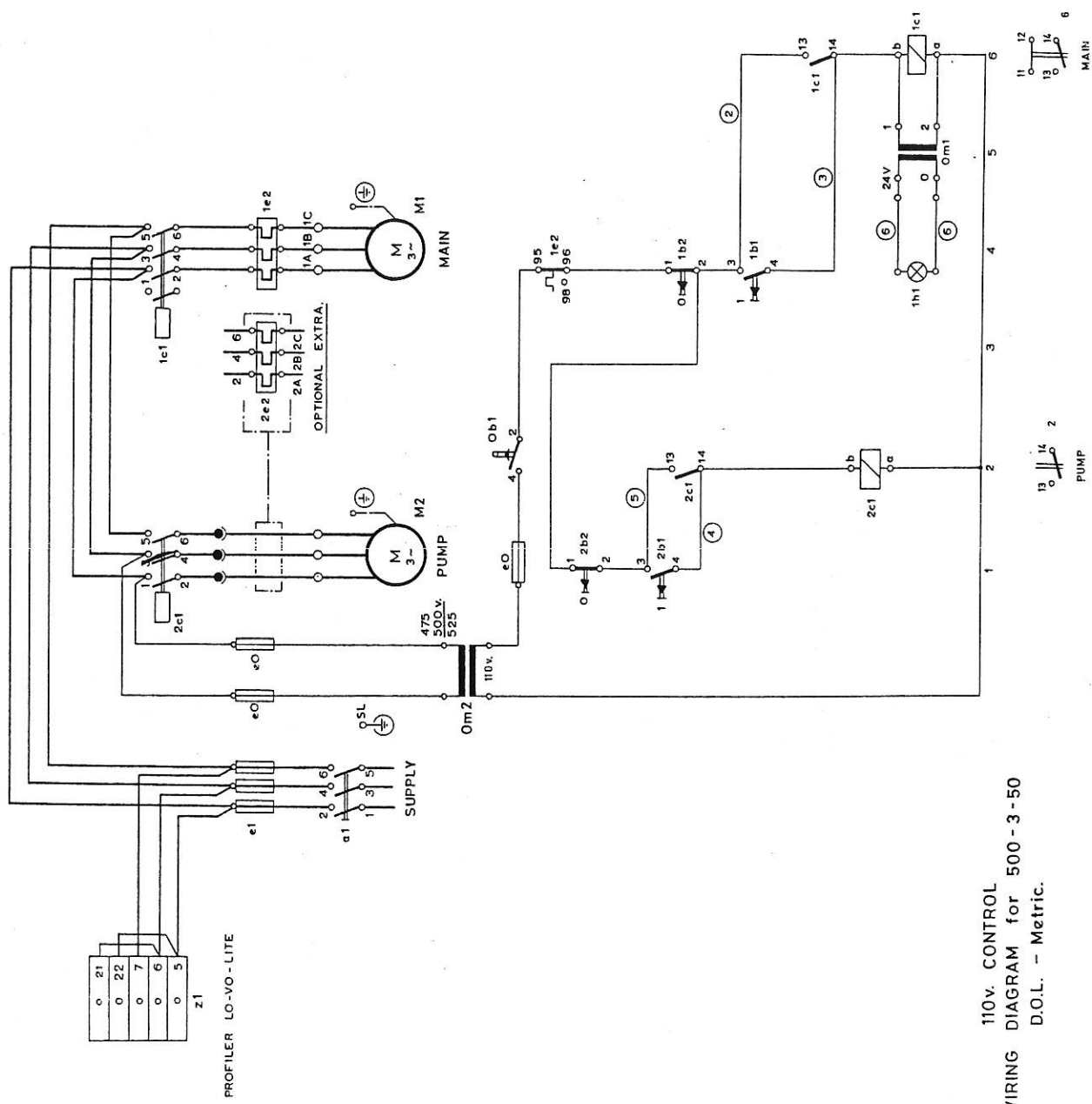
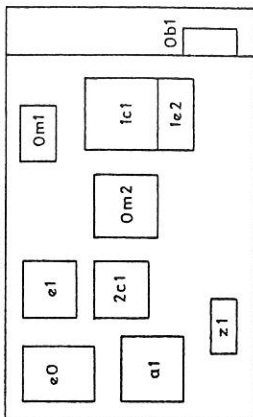




COMPONENTS IN PANEL

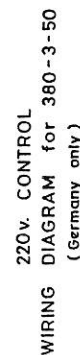


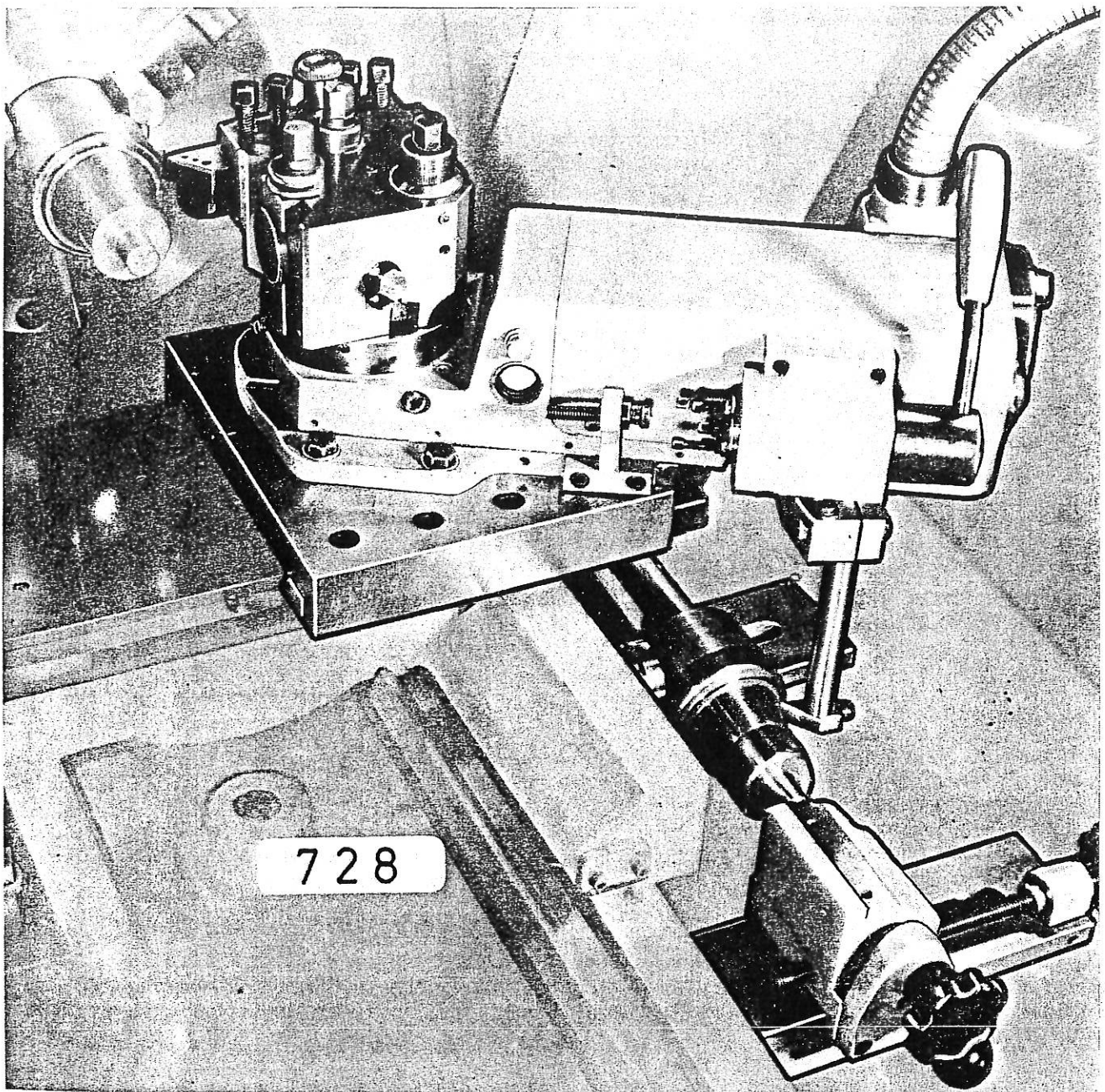
CONTROL STATION



KEY TO KLOCKNER-MOELLER COMPONENTS

- a1 Isolator switch T20-1-v/Svb
- e1 Main Fuses S16 20amps.
- 1c1 Main Contactor DILO-11
- 1e2 Overload Relay for motor starter ZO-12
- 2c1 Pump Contactor DILOO - 40
- 2e2 Overload Relay for pump contactor ZO-O-21. If required OPTIONAL.
- 1b1 Main Start Push Button D/GR/K
- 1b2 Main Stop sley put Mushroom hd. Button P/2-v/K
- 2b1 Coolant Start Push Button D/GR/K
- 2b2 Coolant Stop Push Button D-r GR/K
- 1h1 Pilot Lamp. 24 volts, L2/Fb/GL24/s
- Om1 Pilot Lamp Transformer 125/24v. 2w.
- Om2 Control Transformer 110v. ET50-50VA.
- Ob1 End Guard Limit Switch. AT11-1
- e0 Control Fuse base S16. 2 amp. fuses.
- z1 Terminal Block.

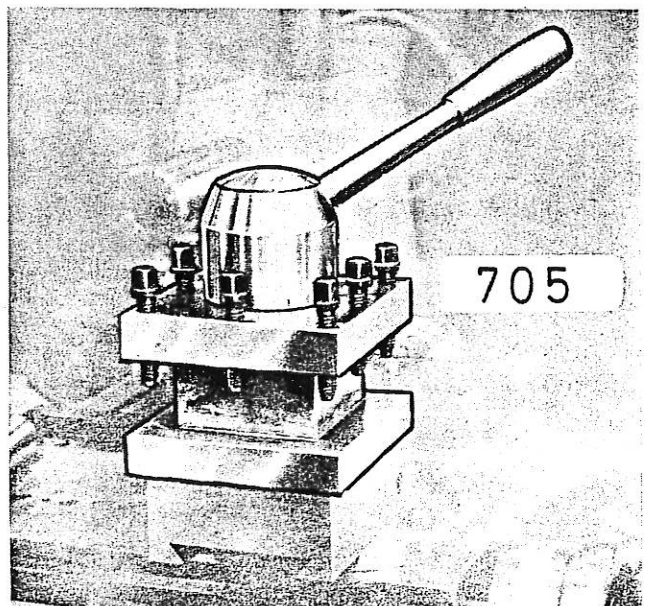




HYDRAULIC COPYING ATTACHMENT

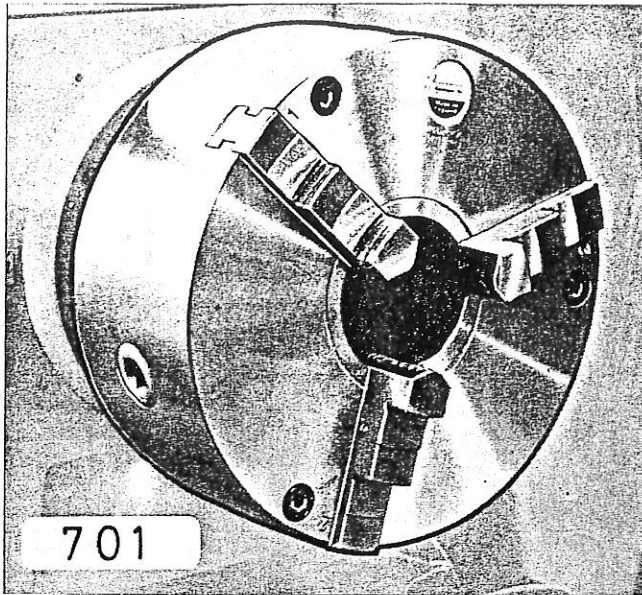
The Colchester hydraulic 470 copying equipment comprises a profile slide assembly, a rear beam assembly (capable of receiving as masters either round models or flat templates) and a Colchester quick change toolpost with one standard tool-holder. The free-standing hydraulic power unit has a set of inter-connecting hose housed in a single flexible armoured conduit. This universal unit, capable of longitudinal copy turning, face copy turning and copy boring, has a copying accuracy to 0.0005 in.

Order Code No. 728. A turret stop (Order Code No. 768) and facing beam (Order Code No. 769) are also available for this equipment.



Colchester 4-way automatic indexing turret.
Order Code No. 705.

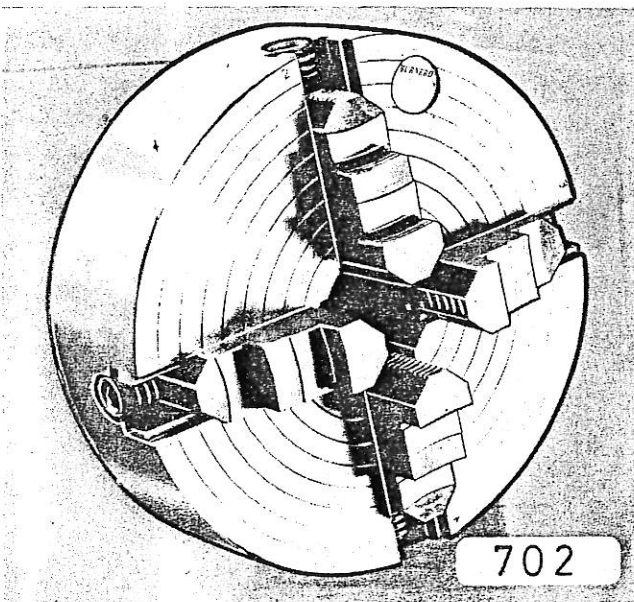
CHUCKS AND COLLET CHUCKS



250 mm 3 JAW CHUCK: 250 mm three-jaw (direct on spindle) dynamically balanced ductile-iron chuck, with hardened and ground scroll. Order Code No. 701.

305 mm 4 JAW CHUCK: 305 mm dia. four-jaw direct on spindle mounting ductile-iron chuck. Order Code No. 702.

WARNING: USE ONLY HIGH-SPEED CHUCKS WITH THESE MACHINES.



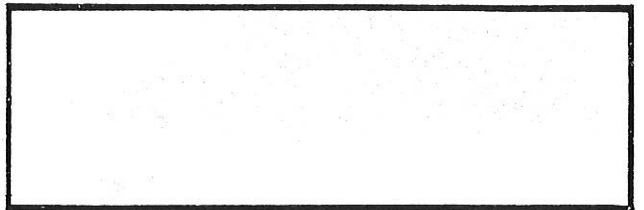
1½" capacity Burnerd key operated 'Multisize' collet chuck. Order Code No. 721.

2" capacity Burnerd key operated 'Multisize' collet chuck. Order Code No. 722.

1½" capacity Burnerd lever operated 'Multisize' collet chuck. Order Code No. 723.

2" capacity Burnerd lever operated 'Multisize' collet chuck. Order Code No. 724.

Machined backplate for fitting to customers' own chucks. Order Code No. 719.



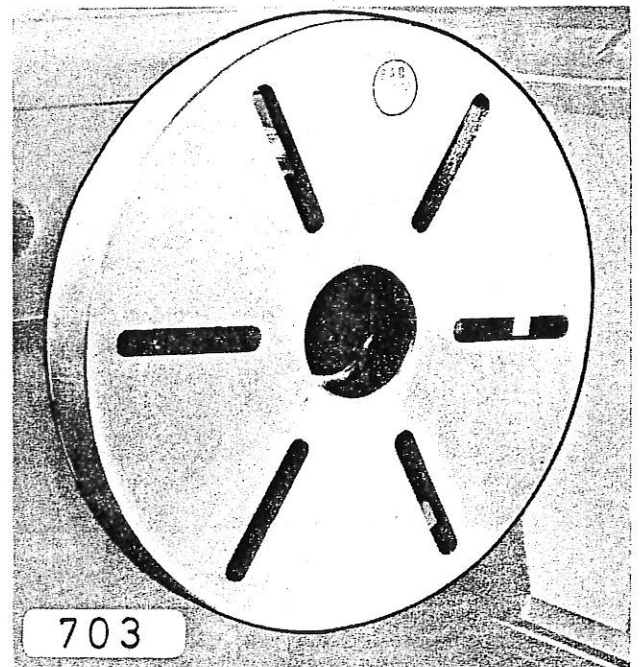
FACEPLATES

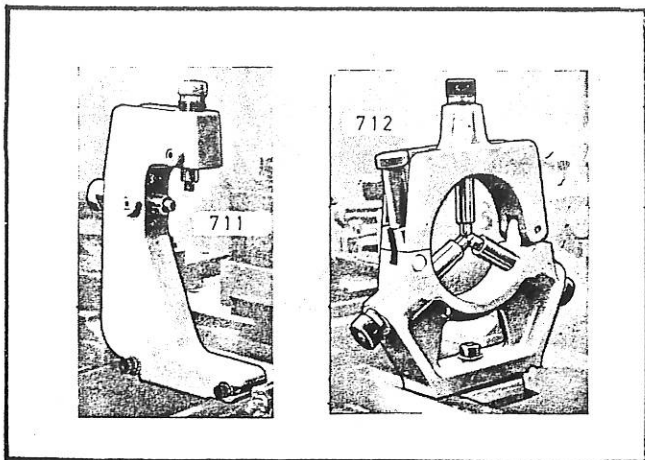
14 in. dia. standard faceplate for use on either straight or gap bed models.

Order Code No. 703.

21 in. dia. large faceplate for use on gap bed lathes only.

Order Code No. 704.





TRAVELLING STEADY

This steady is available for fitting to the saddle in the tapped holes provided and has a capacity for material up to 3 in. dia.

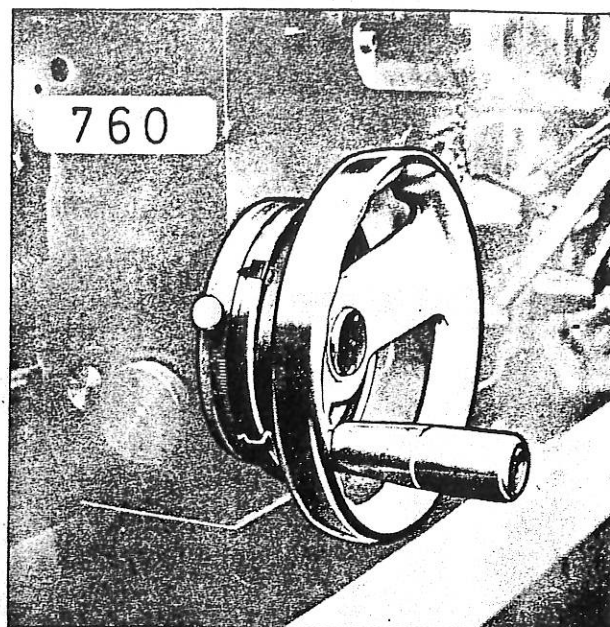
Order Code No. 711

STATIONARY STEADY

Materials up to 6 in. dia. can be held by the steady which may be clamped between the bed-ways at any position along the length.

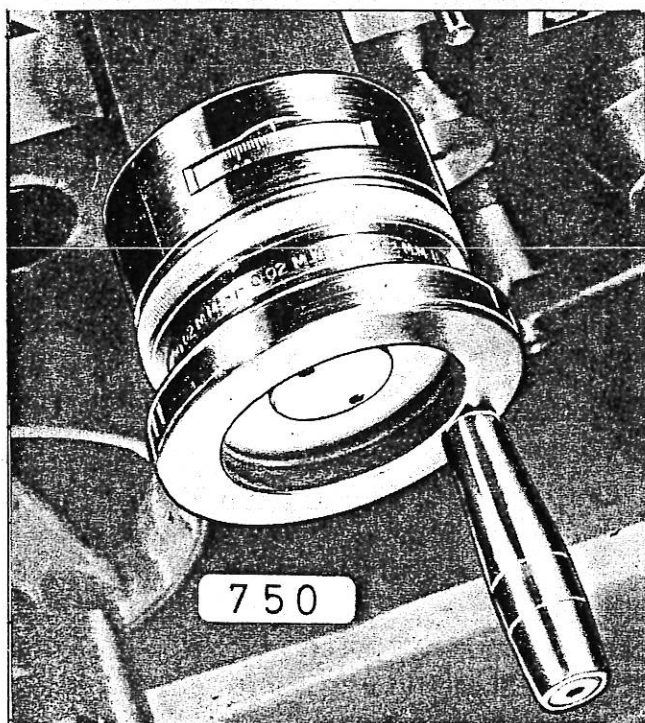
Order Code No. 712.

English/Metric Apron Dial.



Metric dial indicator.
Order Code No. 737.

CAPSTAN UNIT (Code 741).

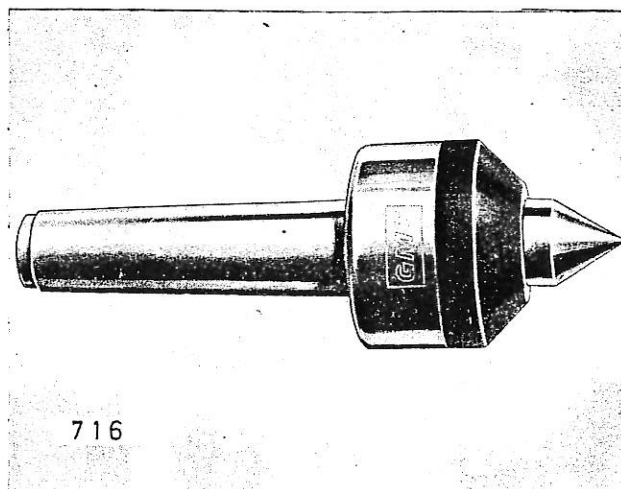


English/Metric dual reading cross-slide and top slide dials.
Order Code No. 750.

ROTATING CENTRE

G.M.T. type 4 RC/1 No. 4 M.T. rotating centre.

Order Code No. 716.



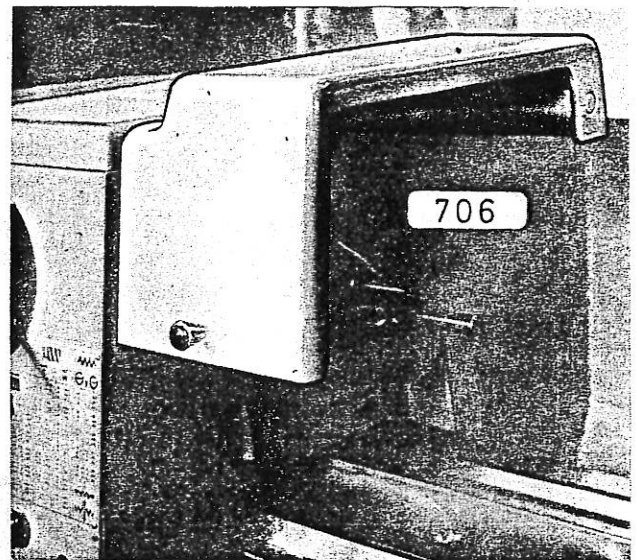
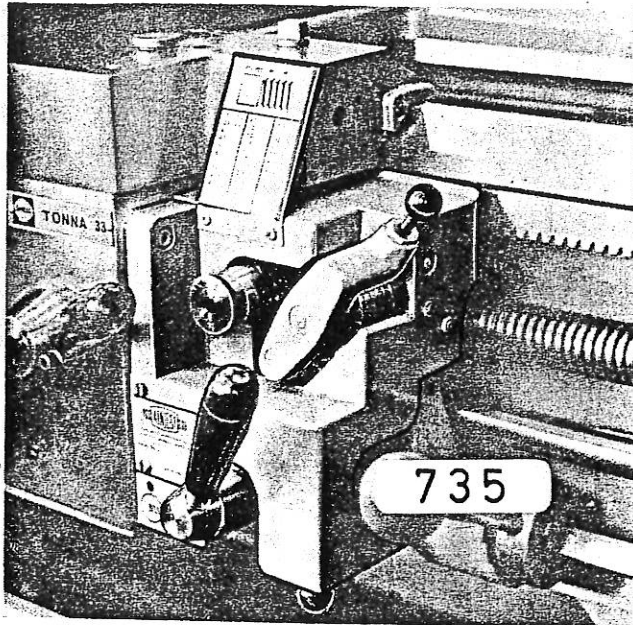
HIGH SPEED THREADING UNITS

The Colchester high speed threading unit enables English and American threads to be cut many times faster than by normal methods.

Order Code No. 734.

The Colchester high speed threading unit enables Metric threads to be cut many times faster than by normal methods.

Order Code No. 735.



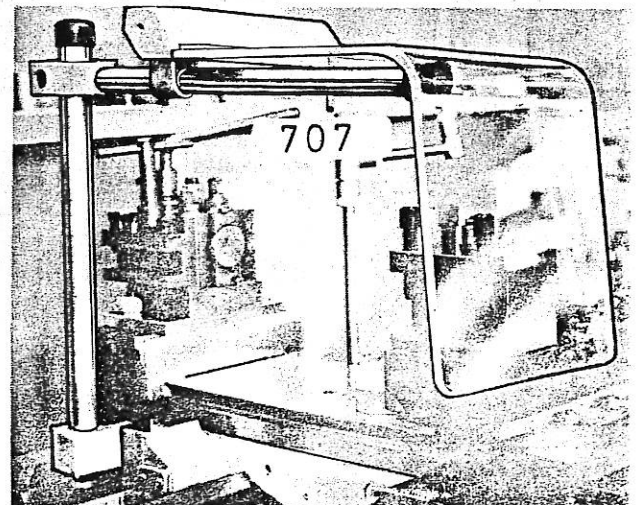
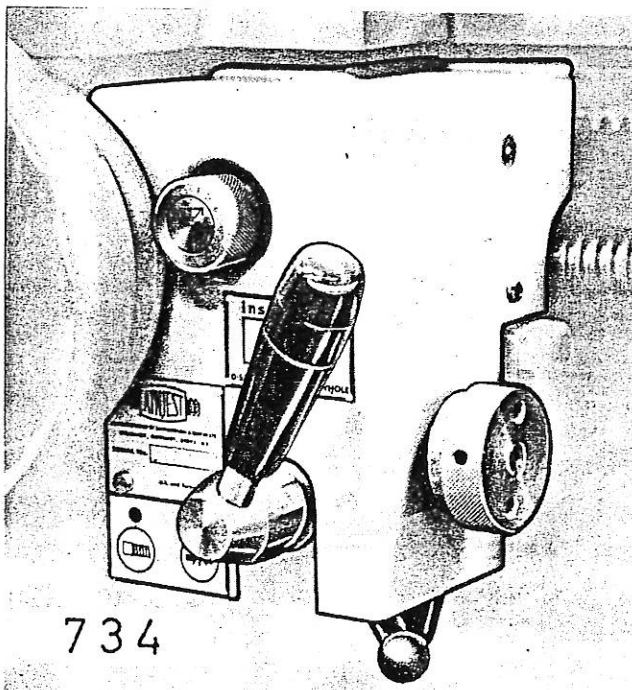
CHUCK/CHIP GUARDS

Chuck guard for fitting to headstock.

Order Code No. 706.

Perspex chip guard for fitting to saddle.

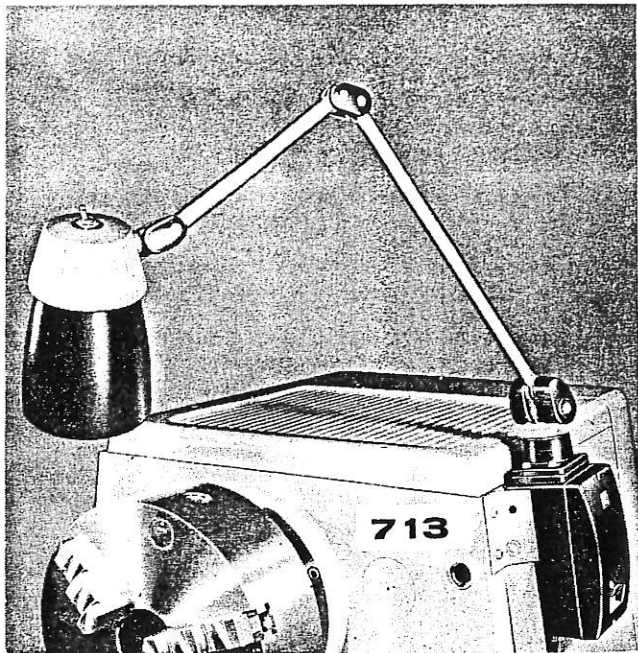
Order Code No. 707.



MACHINE LIGHTING

50 volt 48 watt, low volt machine lighting for standard A.C. supply only.

Order Code No. 713.

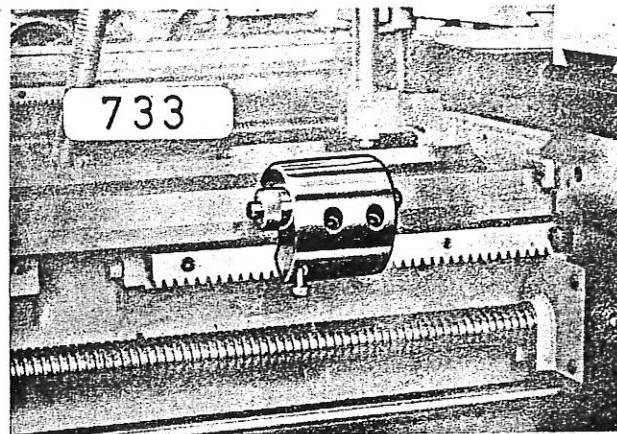


A micrometer bed stop which fits on the front vee way of the lathe bed at any point, can be set to micrometer accuracy for cutting consistently to shoulders, etc., on batch components.

Order Code No. 733.

A 6-position longitudinal bed stop.

Order Code No. 742.



TOOLPOSTS — FRONT

Colchester quick change toolpost (see rear toolpost for toolholders).

Order Code No. 775.

TOOLPOSTS — REAR

Rear slotted toolpost.

Order Code No. 730.

Colchester quick change rear toolpost.

Order Code No. 725.

Standard Toolholders No. 83119.

Order Code No. 776.

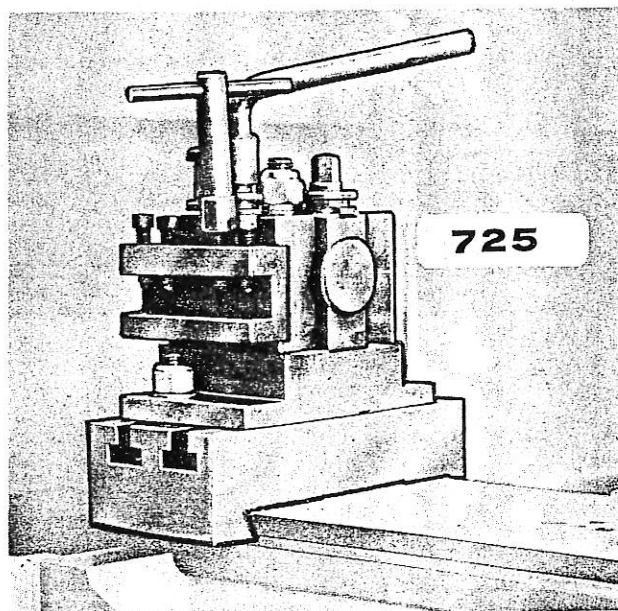
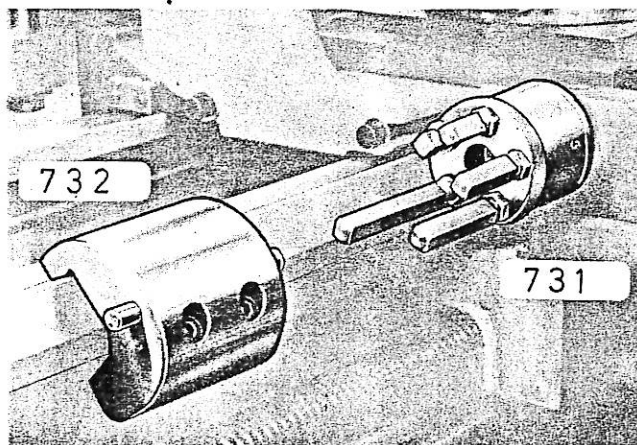
BED STOPS

A 5-position turret-type bedstop which can be fitted to either end of the saddle allows the operator to achieve a number of consistent shoulder lengths and accurate positioning for grooving, parting-off, etc.

Order Code No. 731.

The single-type bedstop fits on the front of the bed at any position for use with the 5-position stop or on its own.

Order Code No. 732.



Vee holders No. 83120.

Order Code No. 777.

Morse taper holders No. 83121.

Order Code No. 778.

Parting-off toolholders No. 83127 complete with one cobalt high-speed steel parting-off blade.

Order Code No. 779.

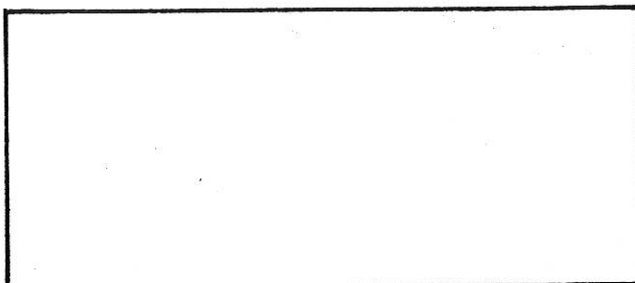
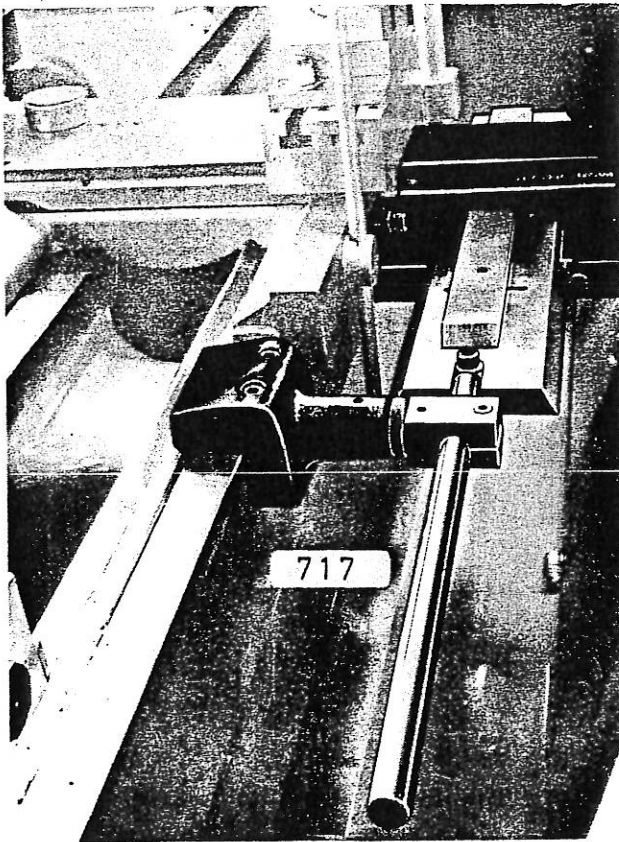
Cobalt high-speed parting-off blades.

Order Code No. 780.

TAPER TURNING ATTACHMENT

The Colchester Taper Turner is designed to produce accurate tapers up to 15 in. long and 20° included angle at any distance from the spindle nose. The taper turner is of the telescopic type and once set to the desired angle the tightening of a single clamp screw converts from plain to taper turning.

Order Code No. 717.





COLCHESTER TRIUMPH 2000

PARTS SECTION

IMPORTANT

IMPORTANT when ordering —

1. Quote component Order Number and description against each parts illustration for all component parts required.
2. Some parts are standard items which can generally be purchased locally; e.g. nuts, bolts, screws, washers. In such instances, the component Order Number and description is followed by a code reference (e.g. 47-231) which can be used with Appendix 1 to furnish a full specification.
3. Always quote lathe Serial Number in all parts orders or technical enquiries. This number is stamped into lathe bed at tailstock end.

ERSATZTEILE

WICHTIG

WICHTIG bei bestellung-

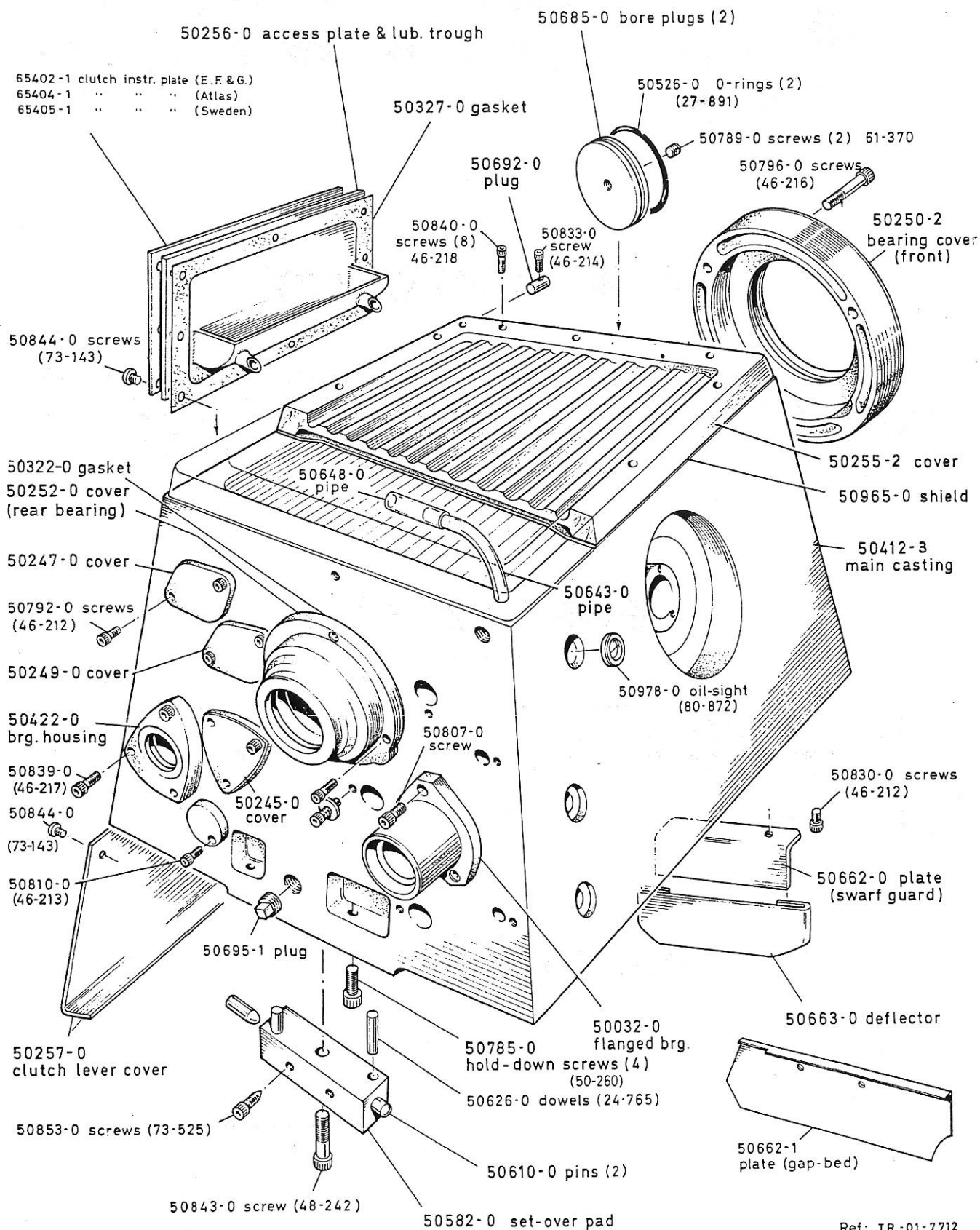
1. Teilnummer und Bezeichnung anhand der Illustration für sämtliche Teile unbedingt erforderlich.
2. Einige Ersatzteile sind Standardteile, welche generell auf dem hiesigen Markt beschafft werden können. In solchen Fällen hat die Ersatzteil-Bestellnummer und Bezeichnung eine Kenn-
3. Nummer (z.B. 47-231) aus welcher in Anhang 1 detaillierte Angaben zu ersehen sind. Immer die Serien-Nummer der Maschine bei sämtlichen Ersatzteil-Bestellungen oder technischen Anfragen angeben. Die Serien-Nummer ist im Drehbankbett am Reitstockende eingeschlagen.

SECTION PIECES

IMPORTANT

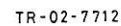
IMPORTANT pour passer commande:

- 1°) Indiquer le n° d'ordre de la pièce de rechange ainsi que la description figurant en regard de chaque pièce demandée.
- 2°) Certaines pièces sont d'un type standard et peuvent être achetées sur place comme: écrous, boulons, vis, lames. Dans ces cas le n° d'ordre est suivi d'une référence de commande (par exemple 47-231) qui sert à utiliser l'appendice 1 donnant une spécification complète.
- 3°) Spécifier toujours le n° de série du tour pour toute commande de pièces ou demande de renseignements techniques. Ce numéro est gravé sur le banc du côté de la contre-pointe.

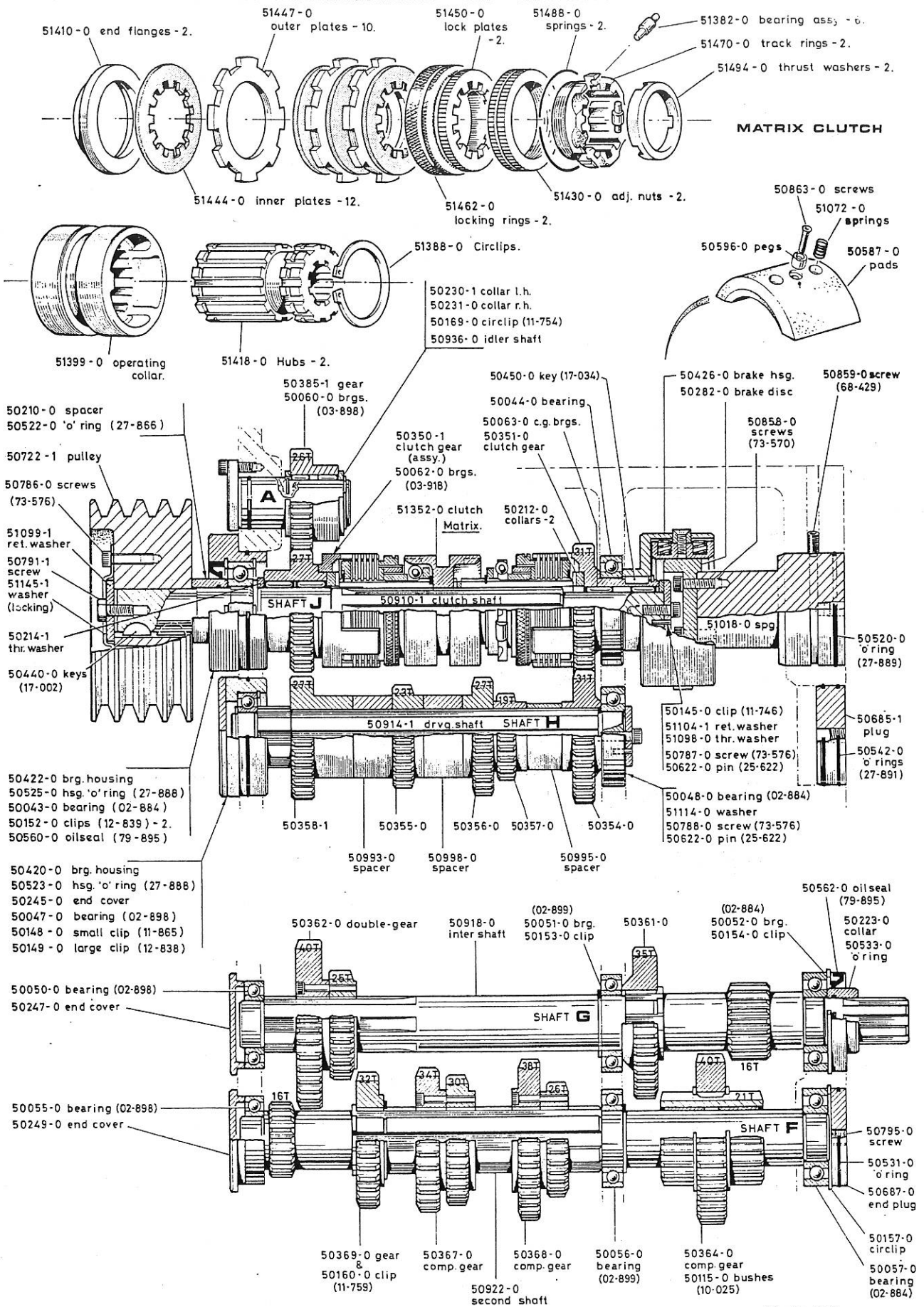


Ref: TR-01-7712

FROM SER. No. 24552
TO SERIAL No.

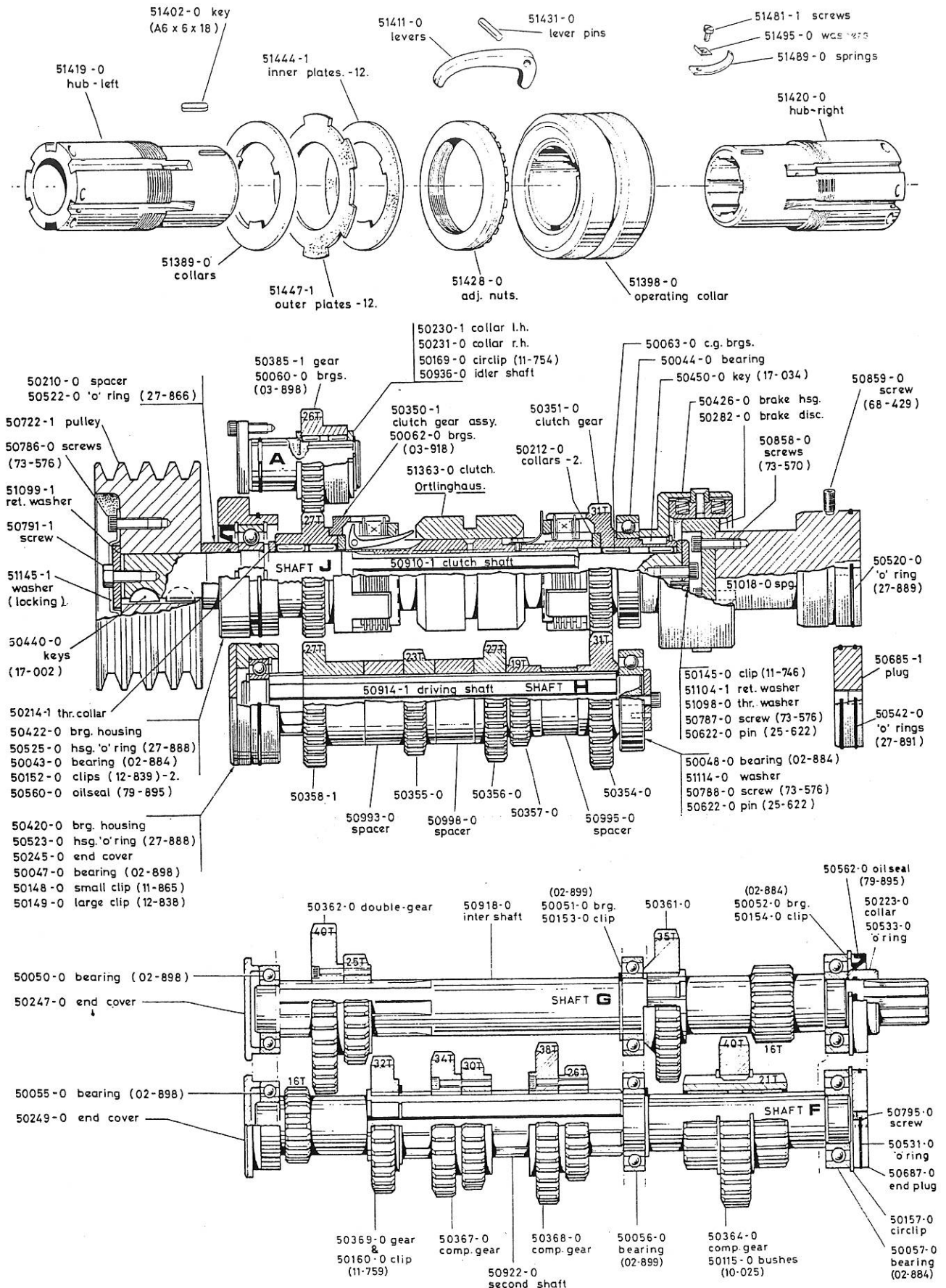


HEADSTOCK; CLUTCH SHAFT & GEARS



TR-03-7709

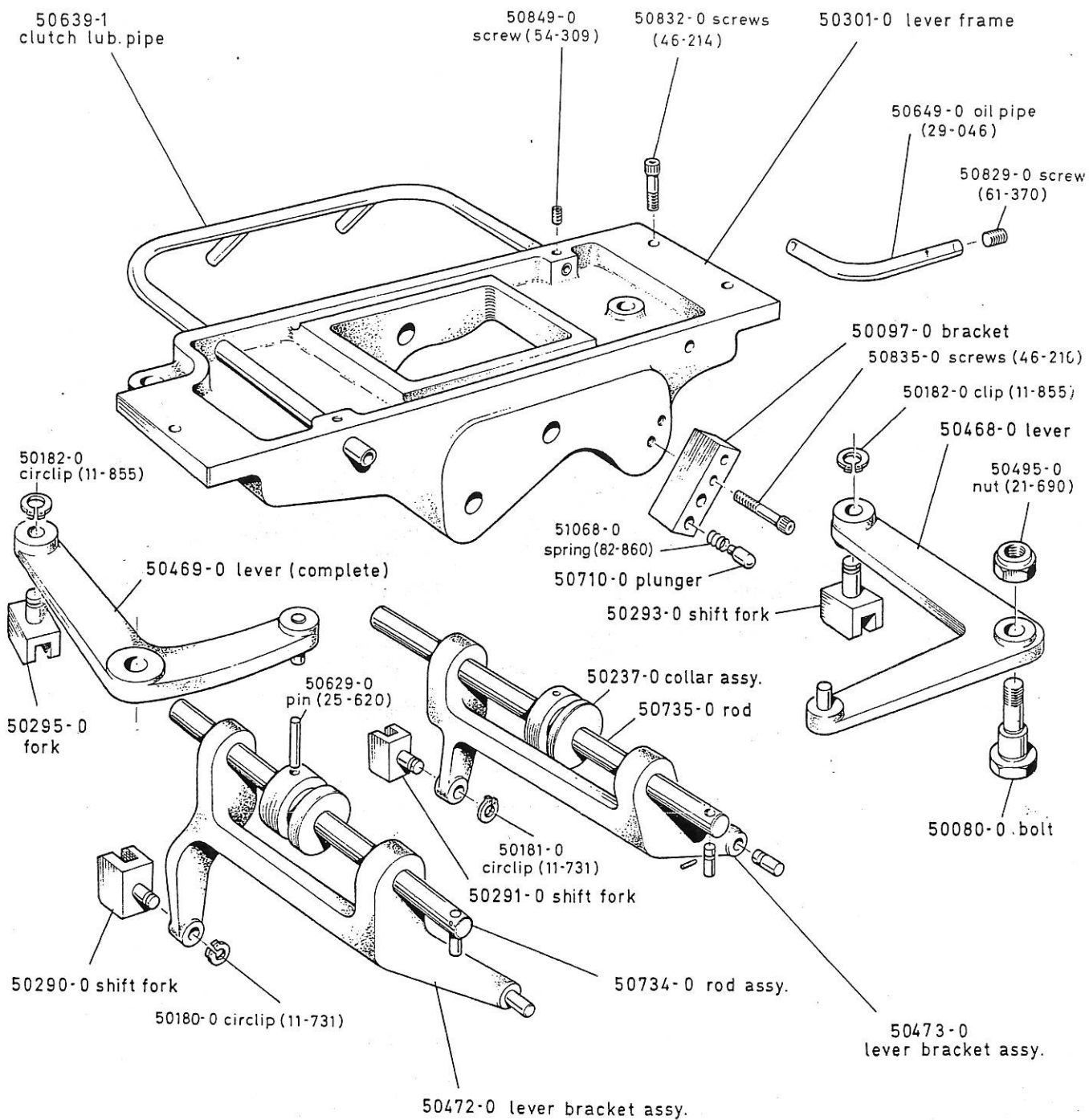
ORTLINGHAUS CLUTCH



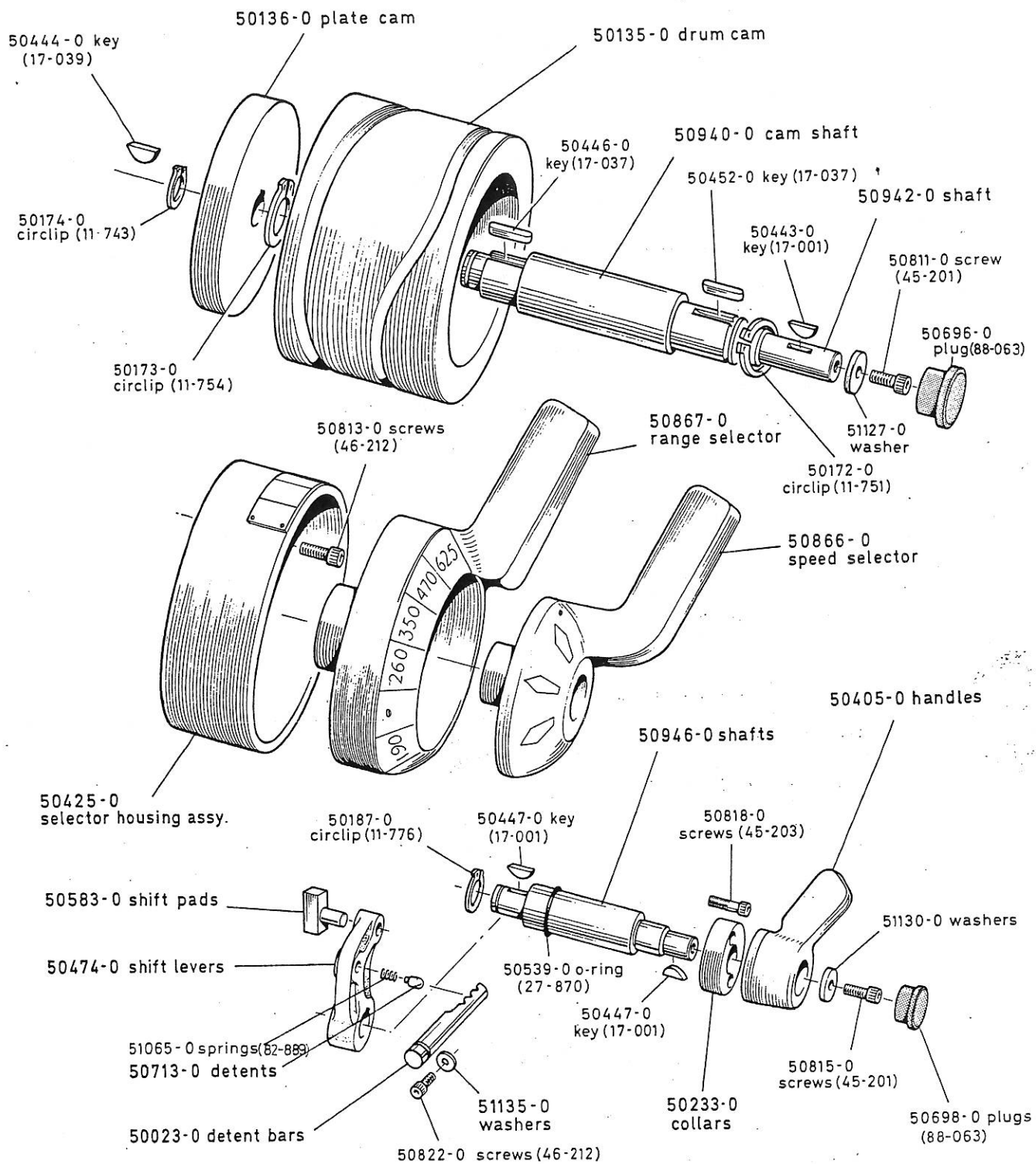
TR-03A-7709

HEADSTOCK; CONTROL FRAME ASSEMBLY

FROM SER.No. 01746
TO SER.No.



TR 04-7303

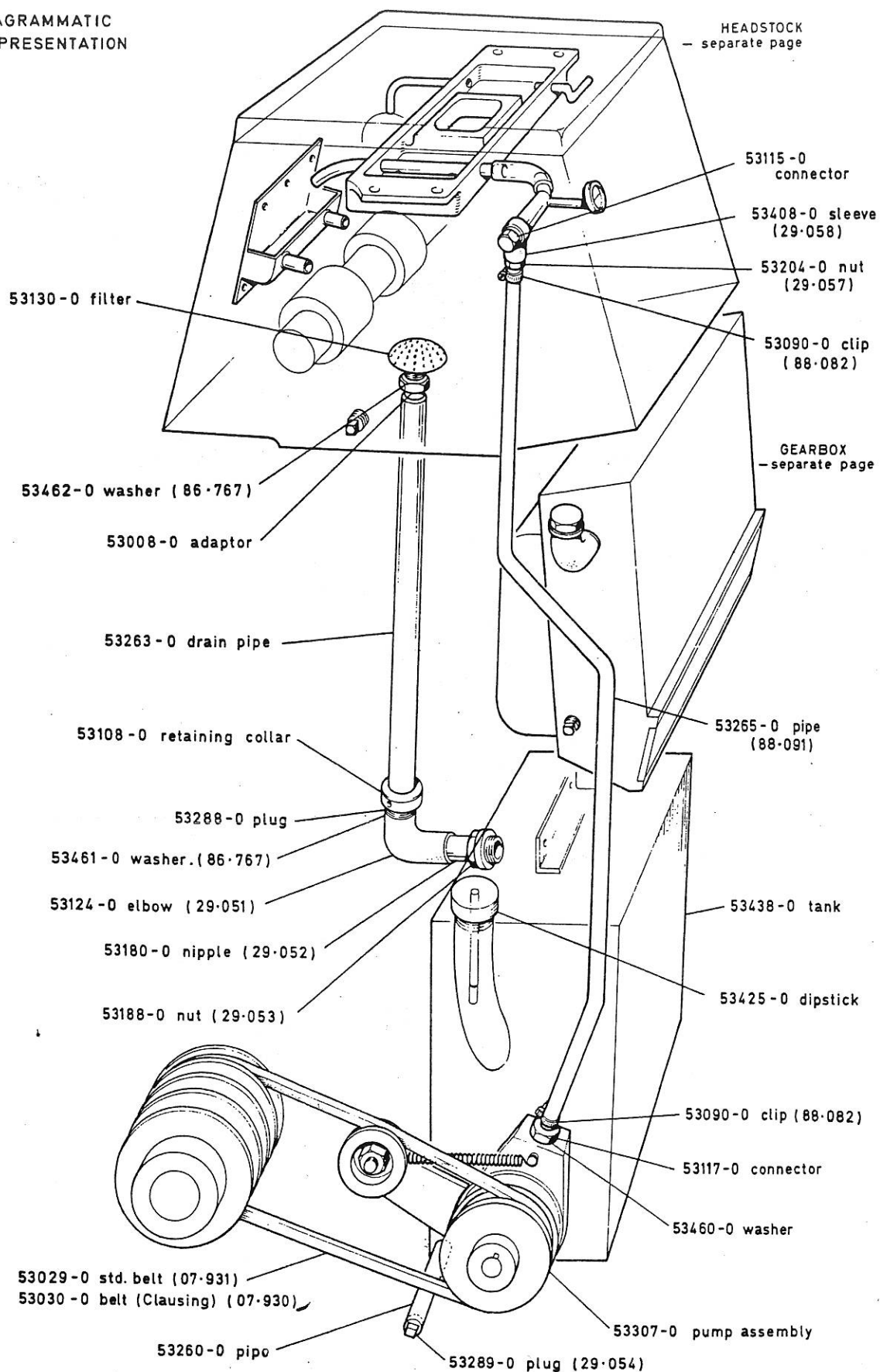


Ref: TR-05-6803/1

HEADSTOCK LUBRICATION

FROM SER. NO. 00001
TO SER. NO.

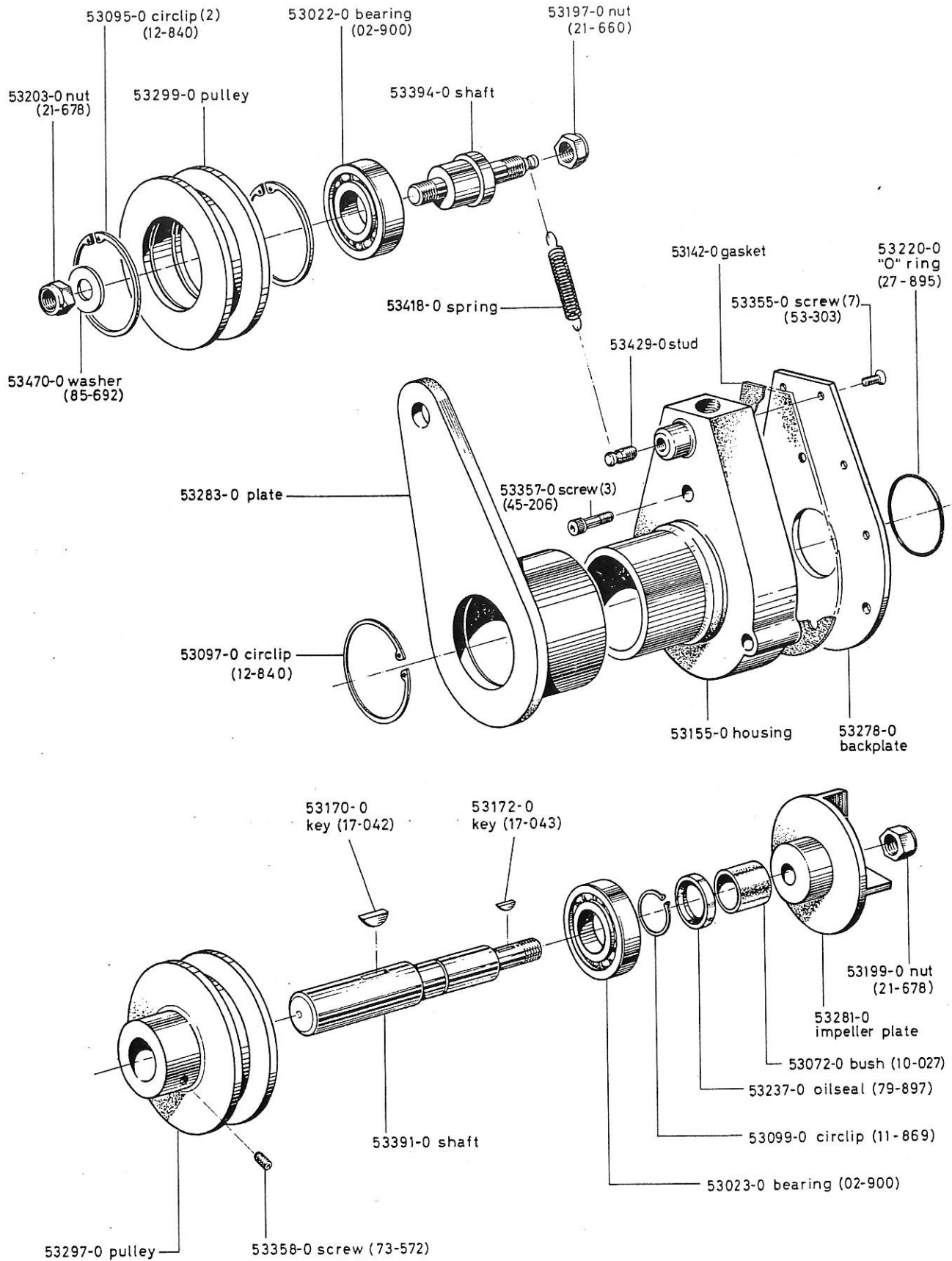
DIAGRAMMATIC
REPRESENTATION



Ref: TR-26-6803

HEADSTOCK - PUMP ASSY.

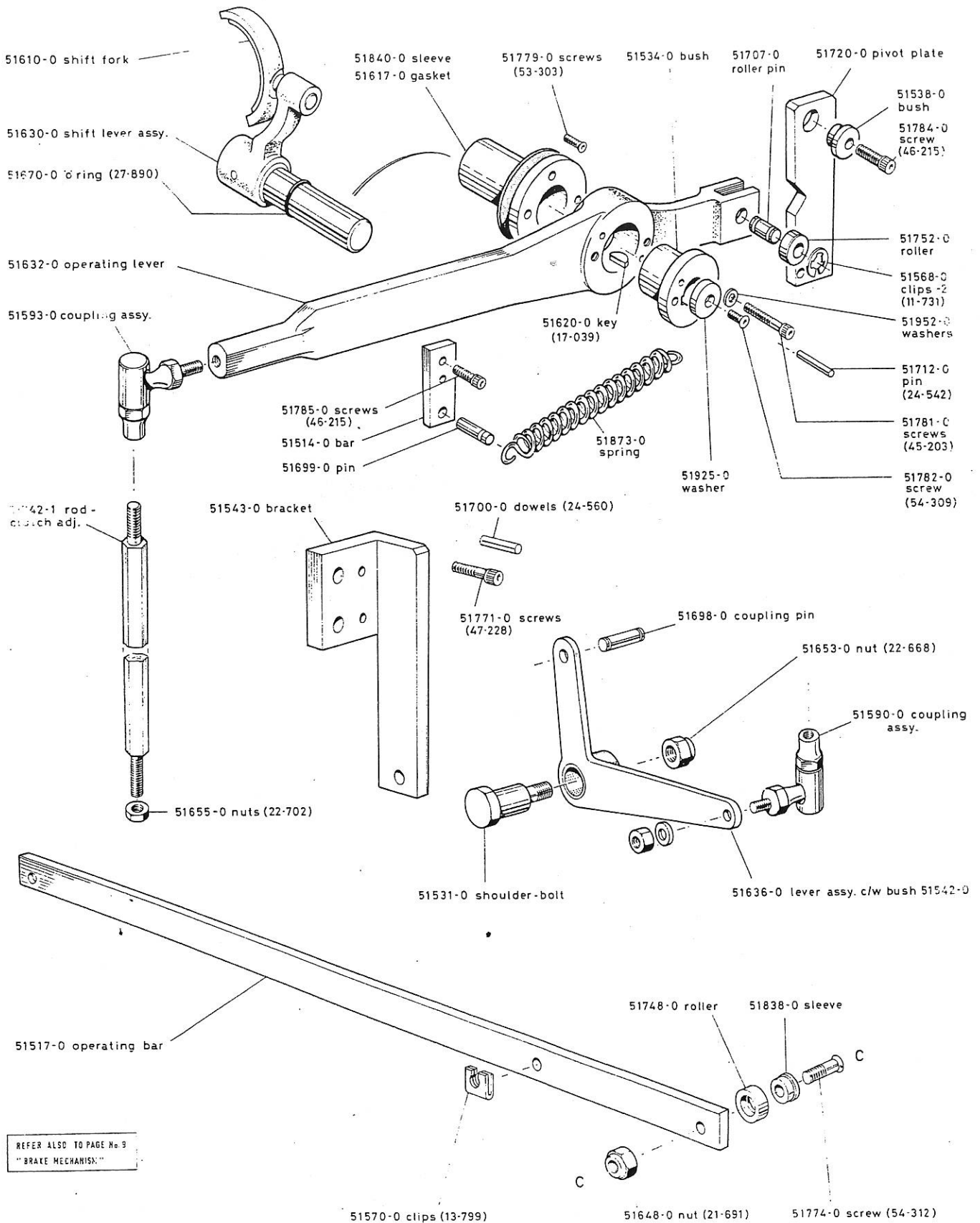
FROM SER.No. 00001
TO SER.No.



TR-27-7712

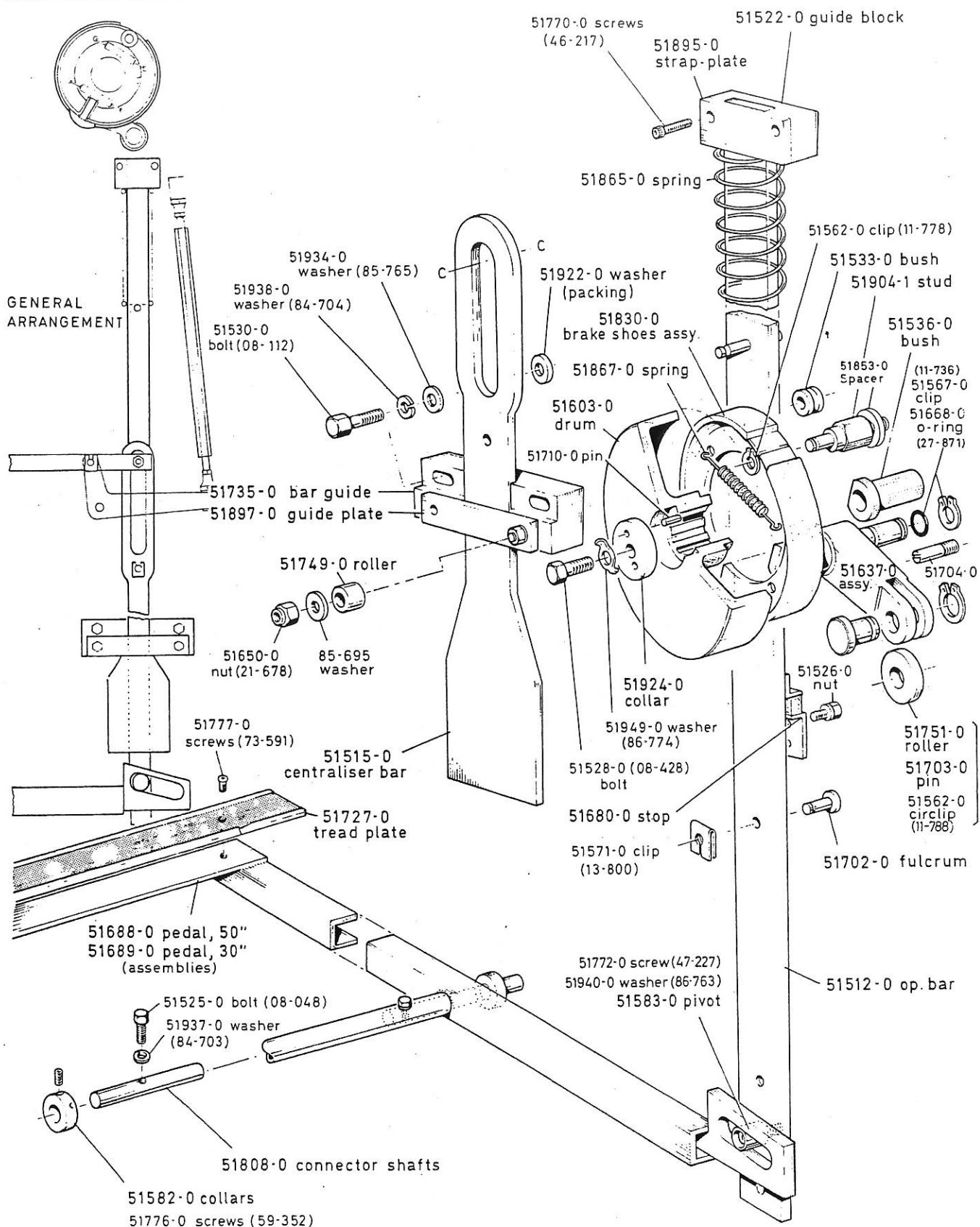
CLUTCH LINKAGE

FROM SER. No. 12575
TO SER. No.



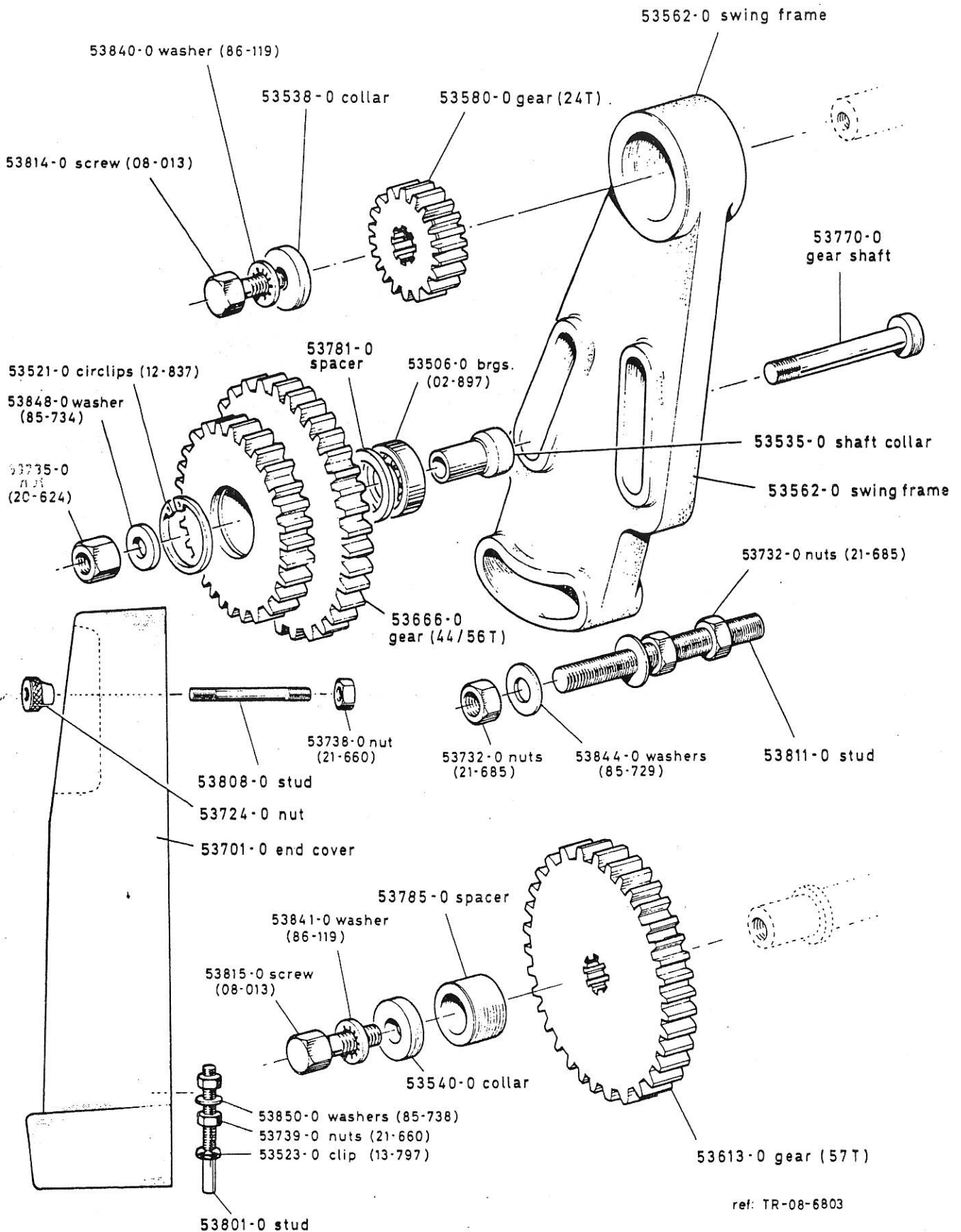
REFER ALSO TO PAGE No. 9
"BRAKE MECHANISM"

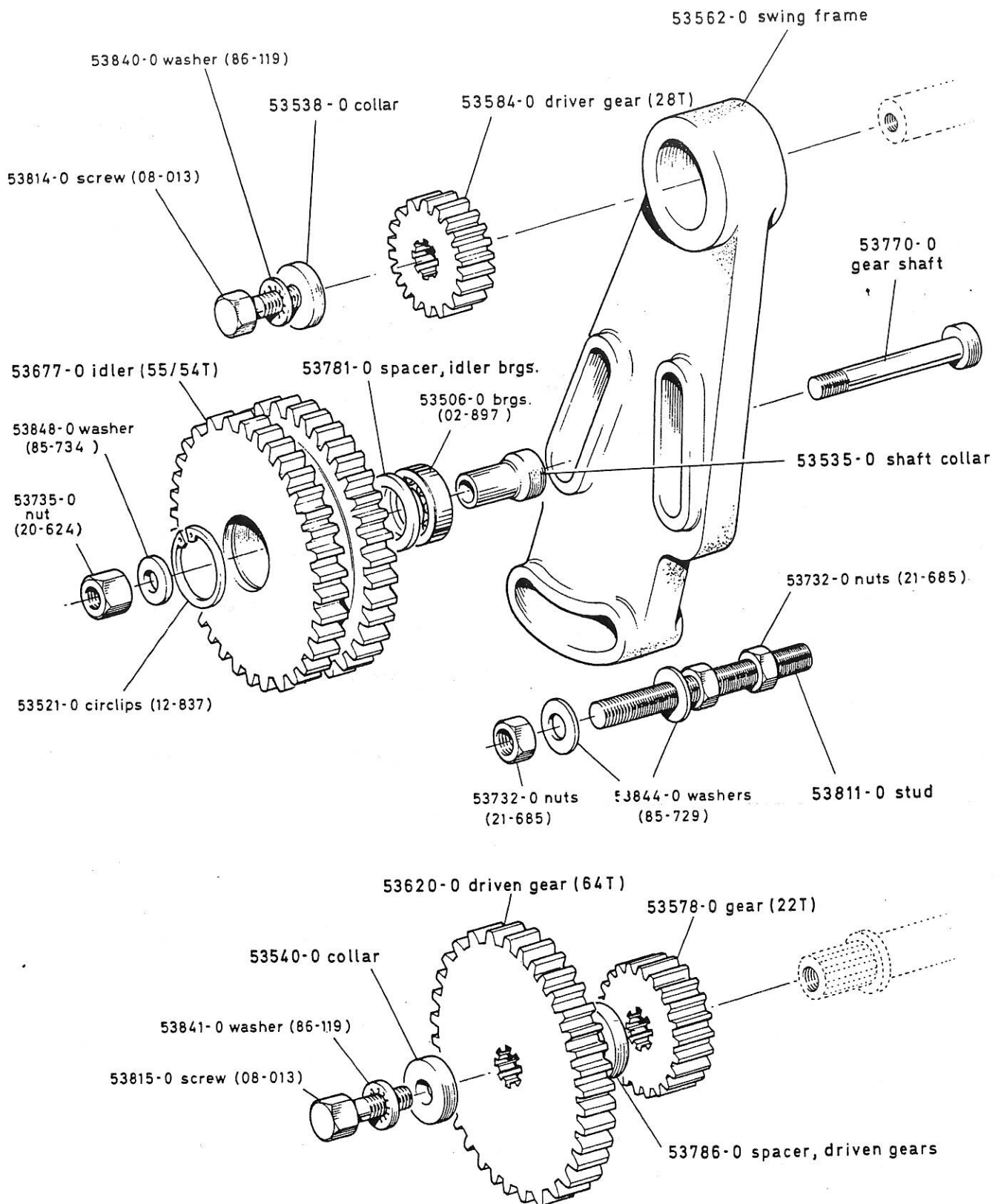
TR-06-7210



SWING FRAME ; END GEARS & COVER

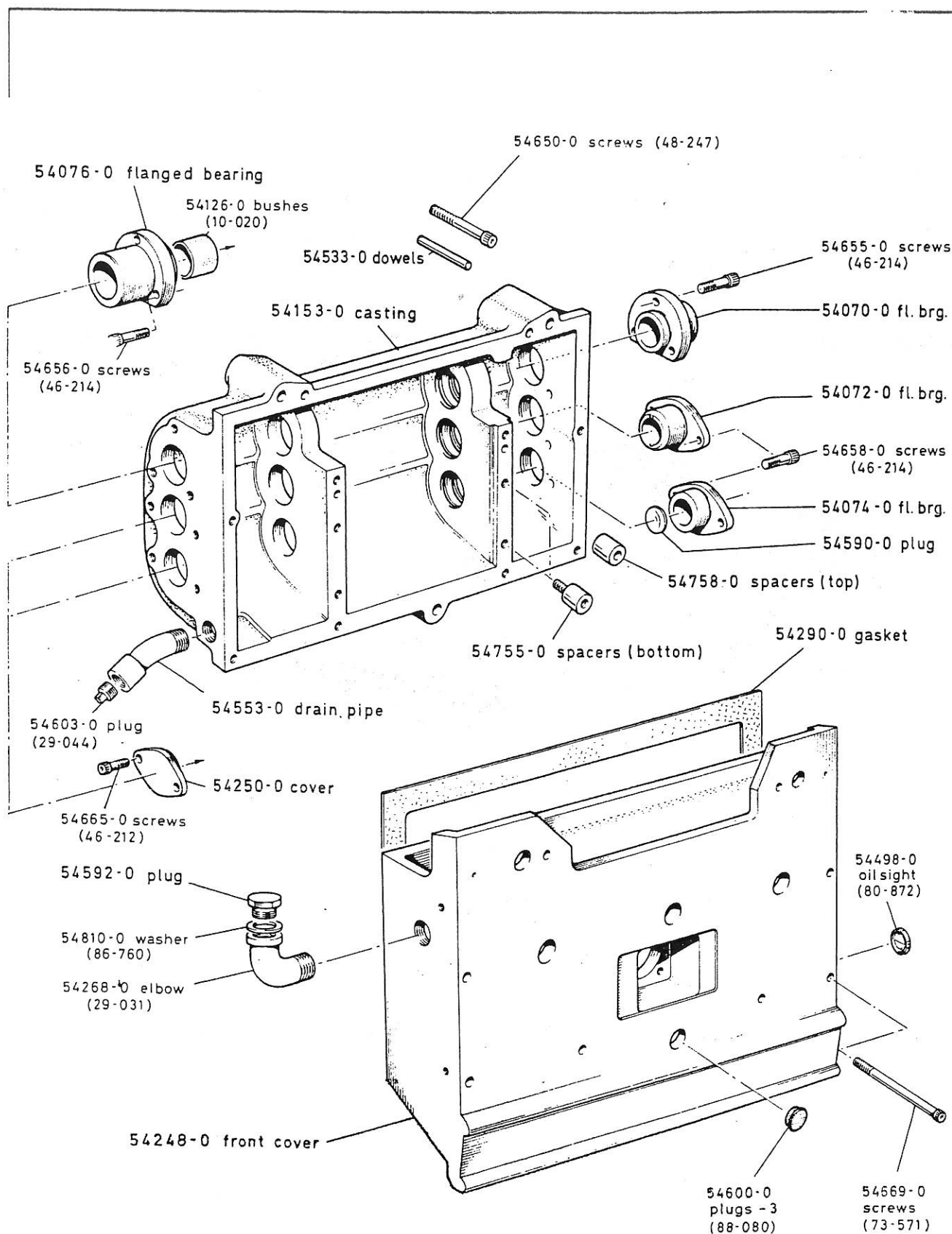
FROM SER. NO. 00001
TO SER. NO.



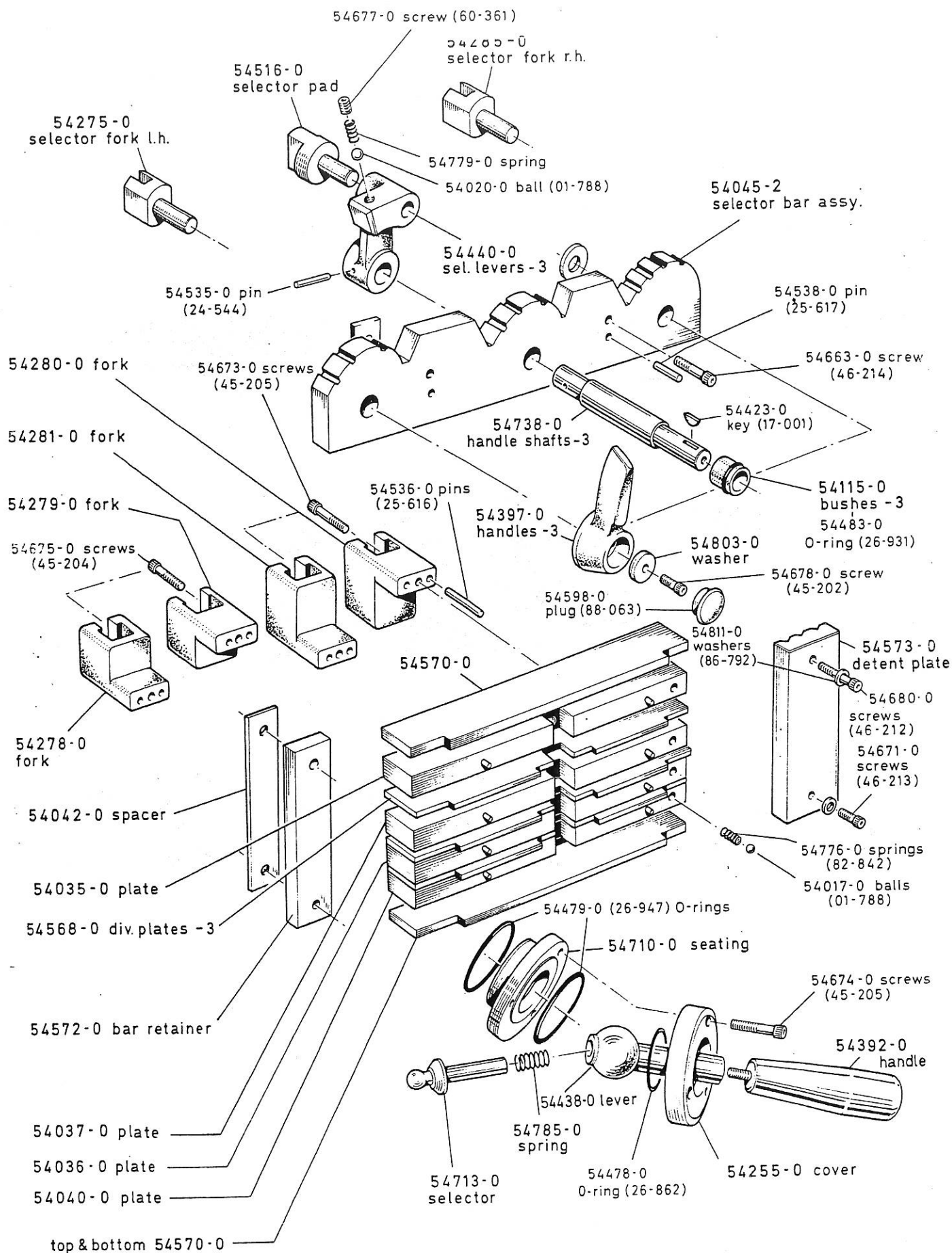


GEAREOX; CASTINGS

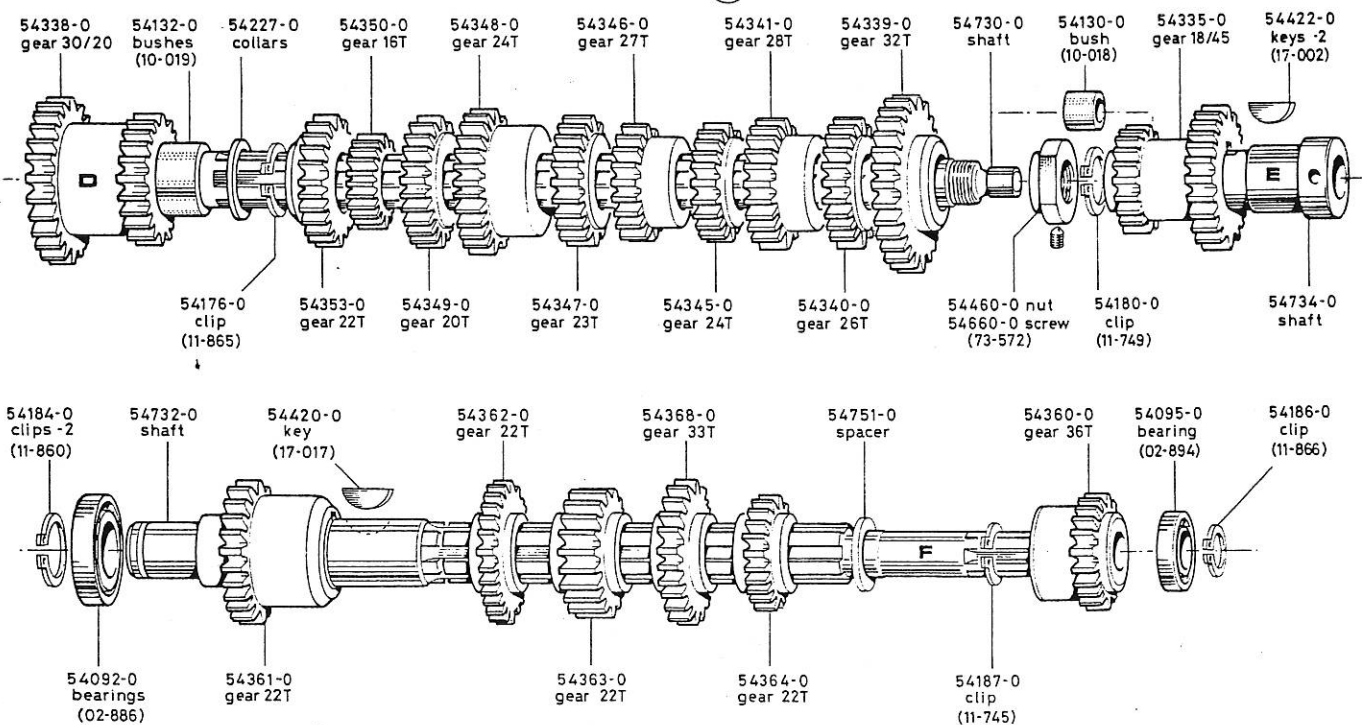
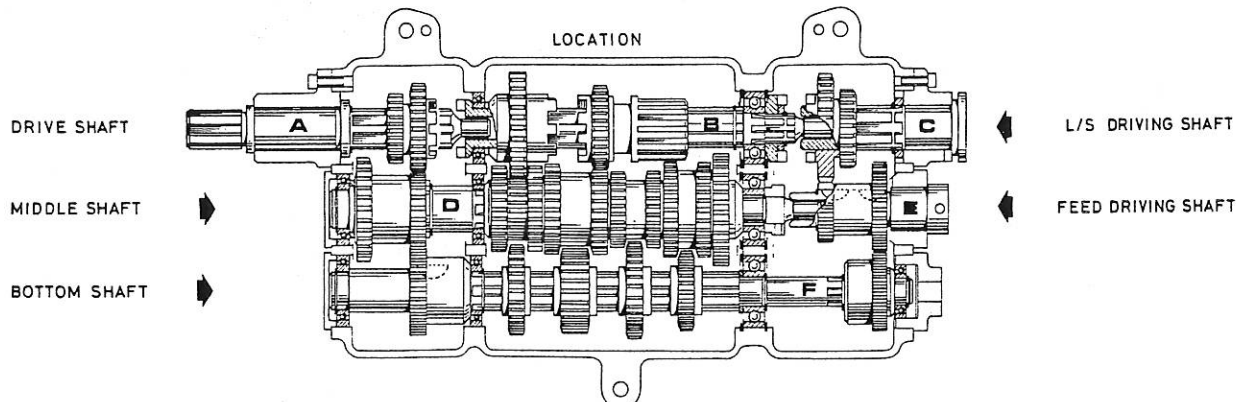
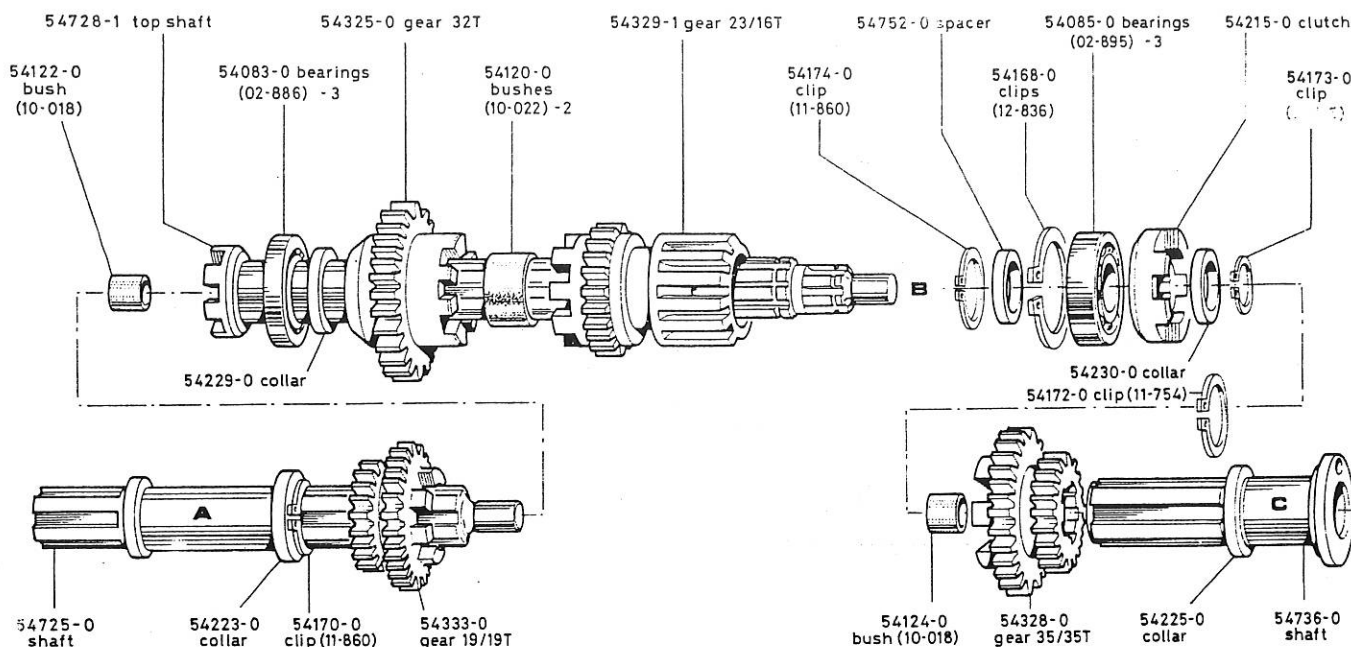
FROM SER. NO. 005.
TO SER. NO.

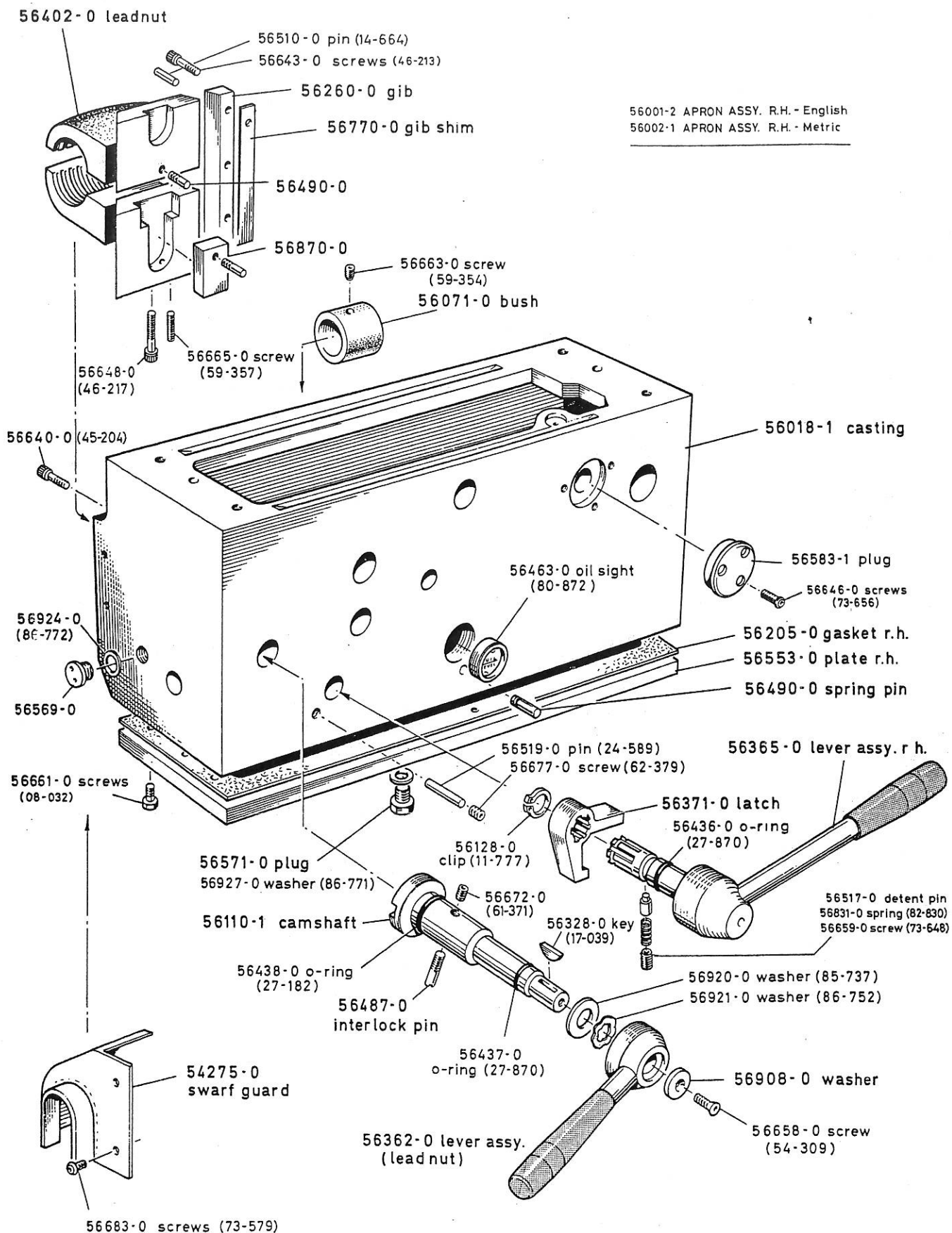


ref. TR-09-6803

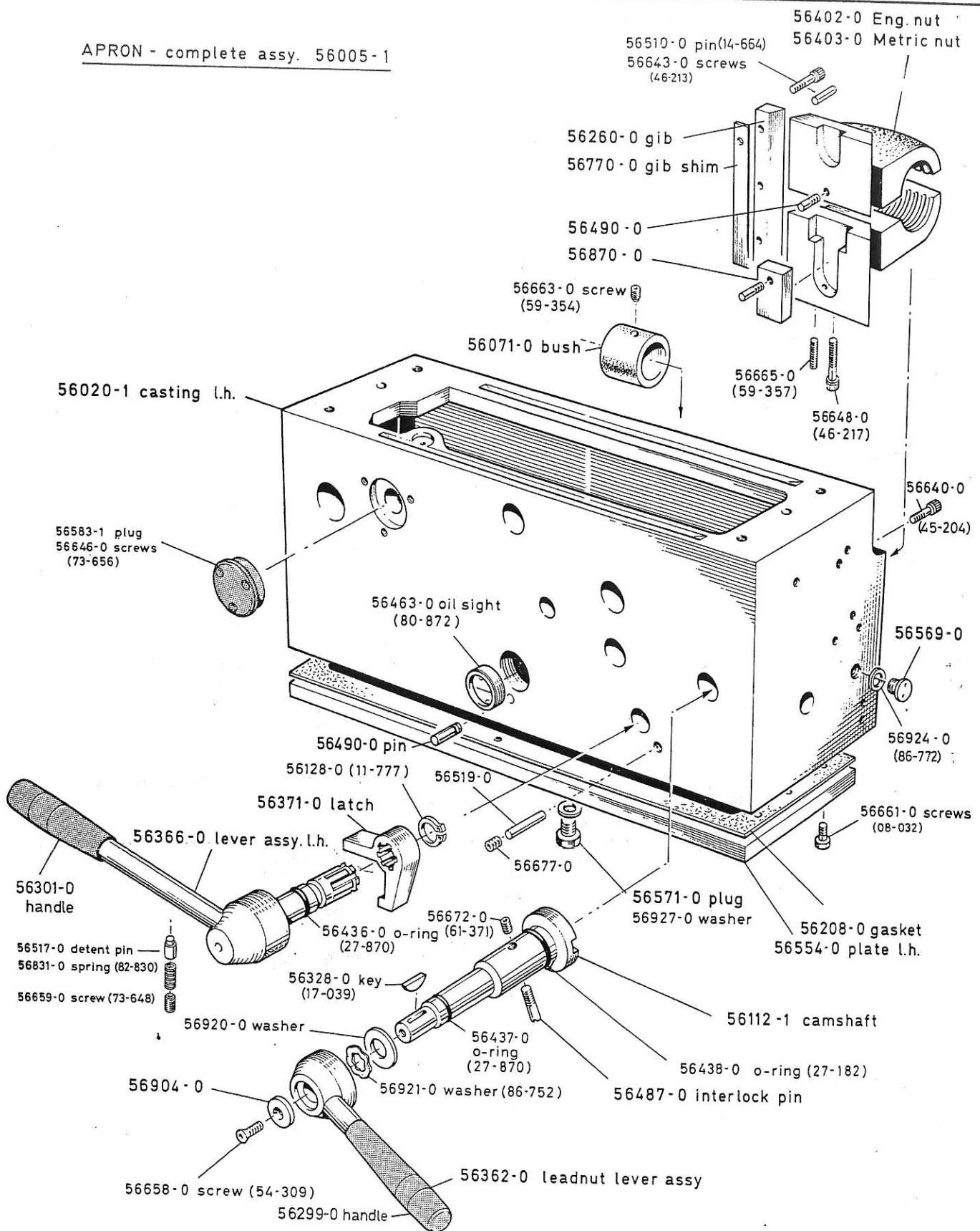


TR-10-6803/3

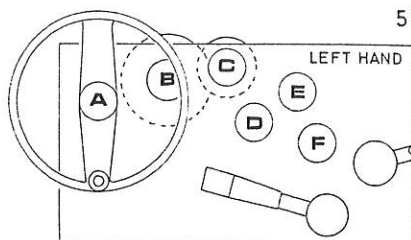




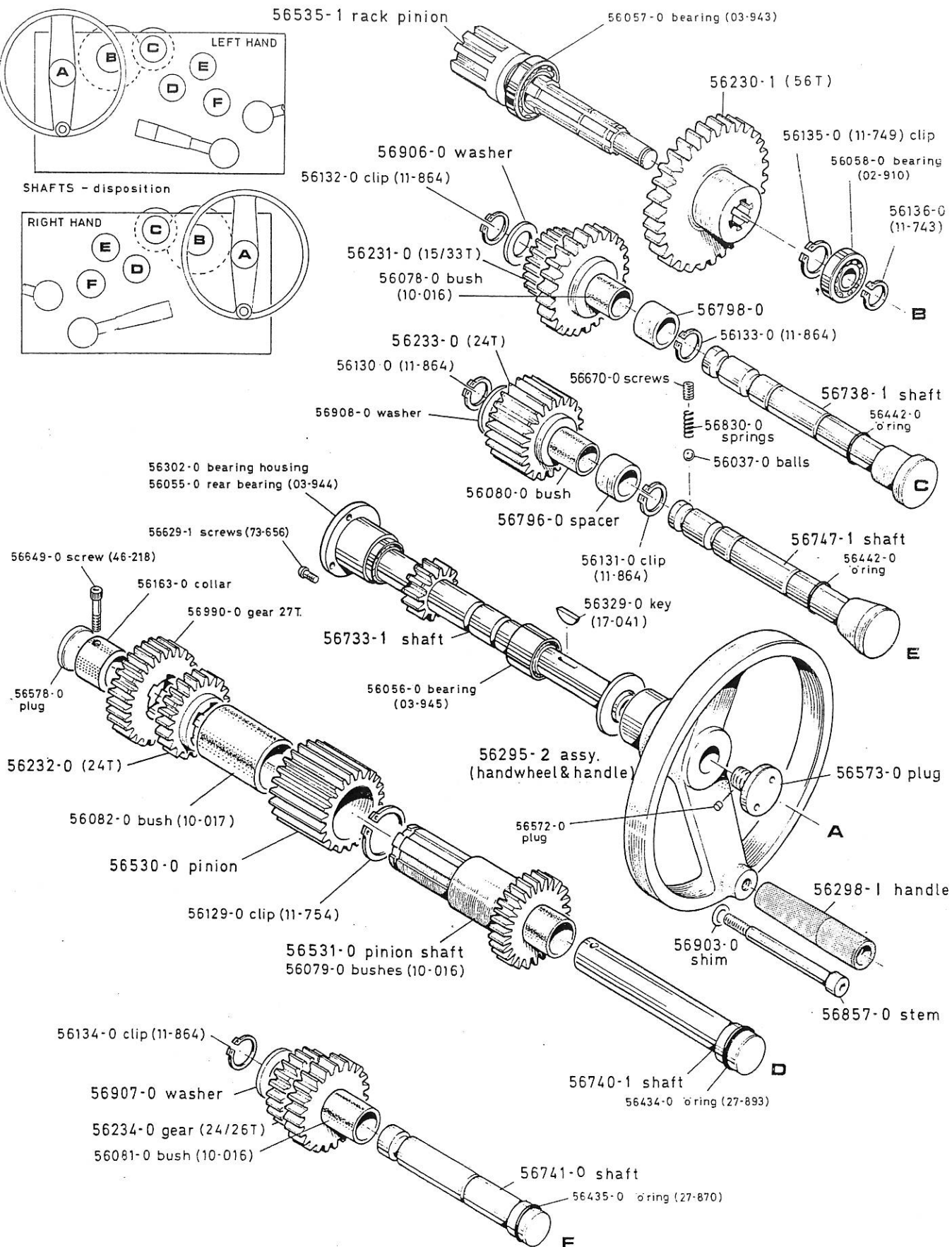
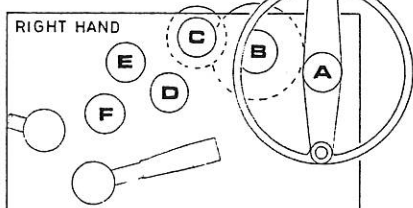
APRON - complete assy. 56005-1



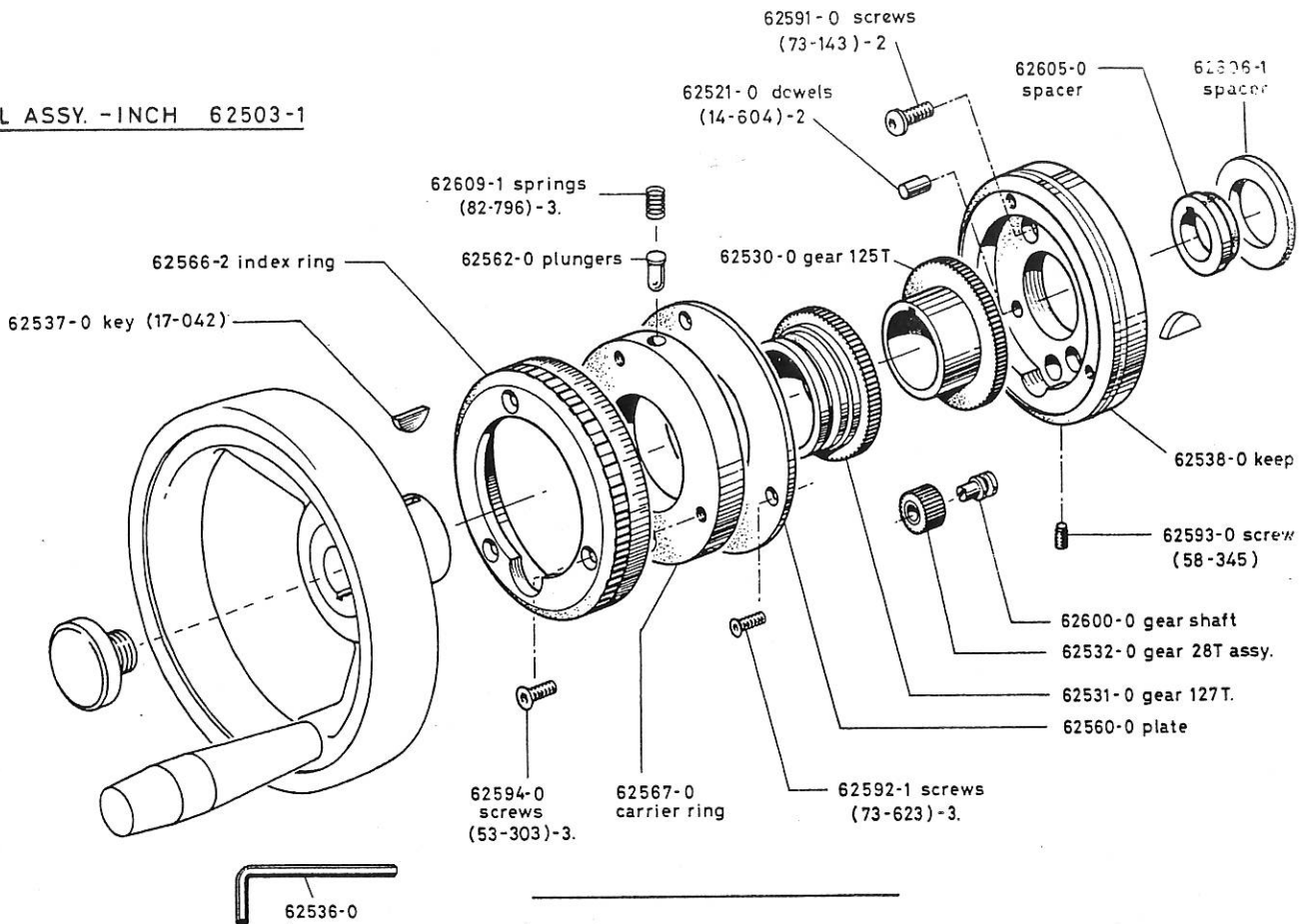
TR-20-7801



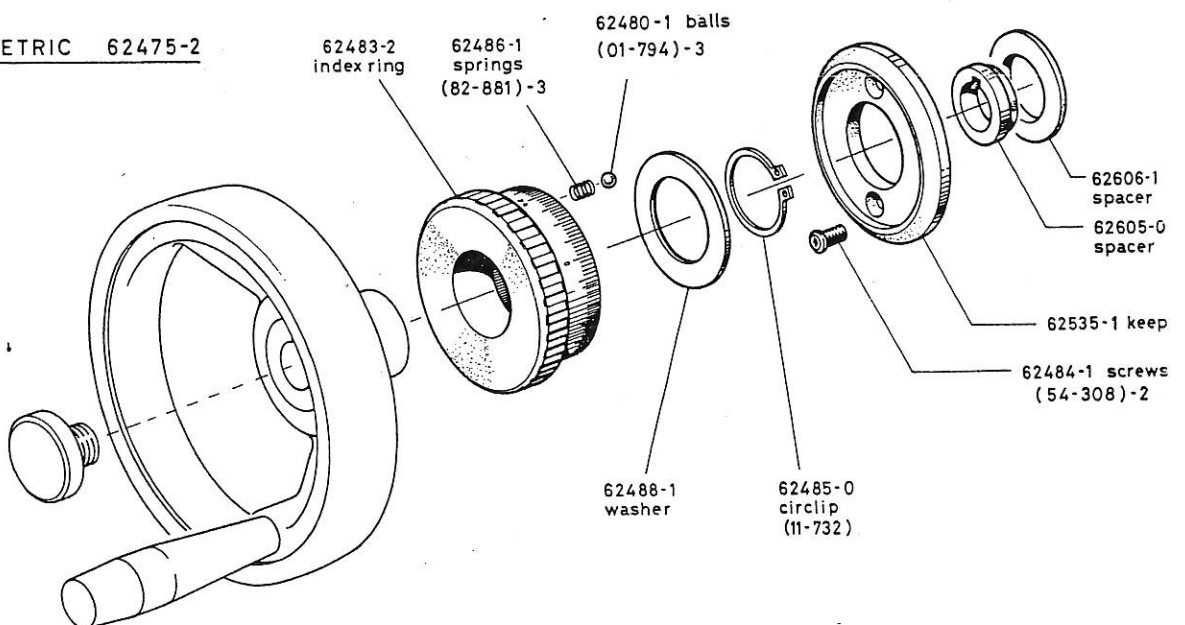
SHAFTS - disposition

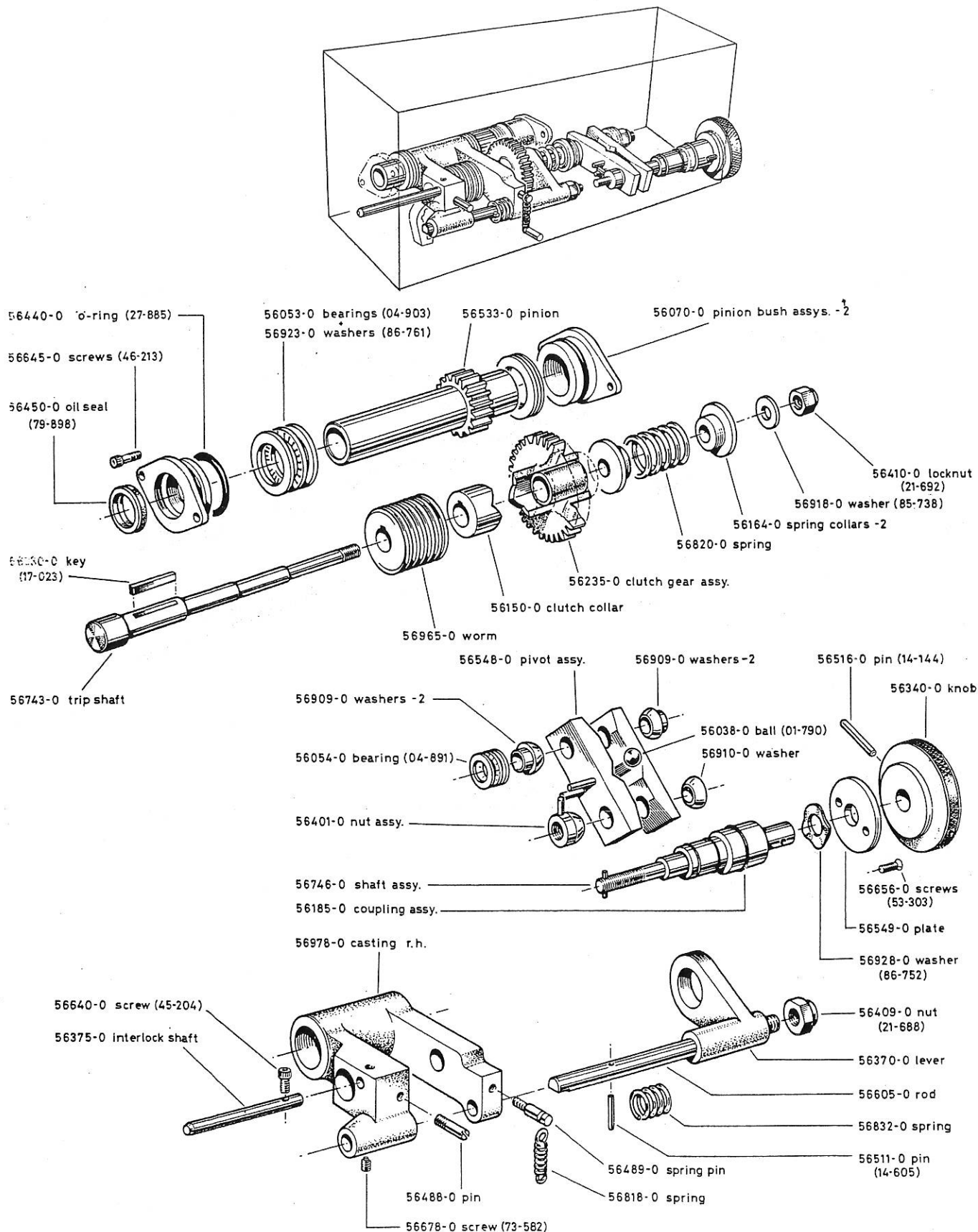


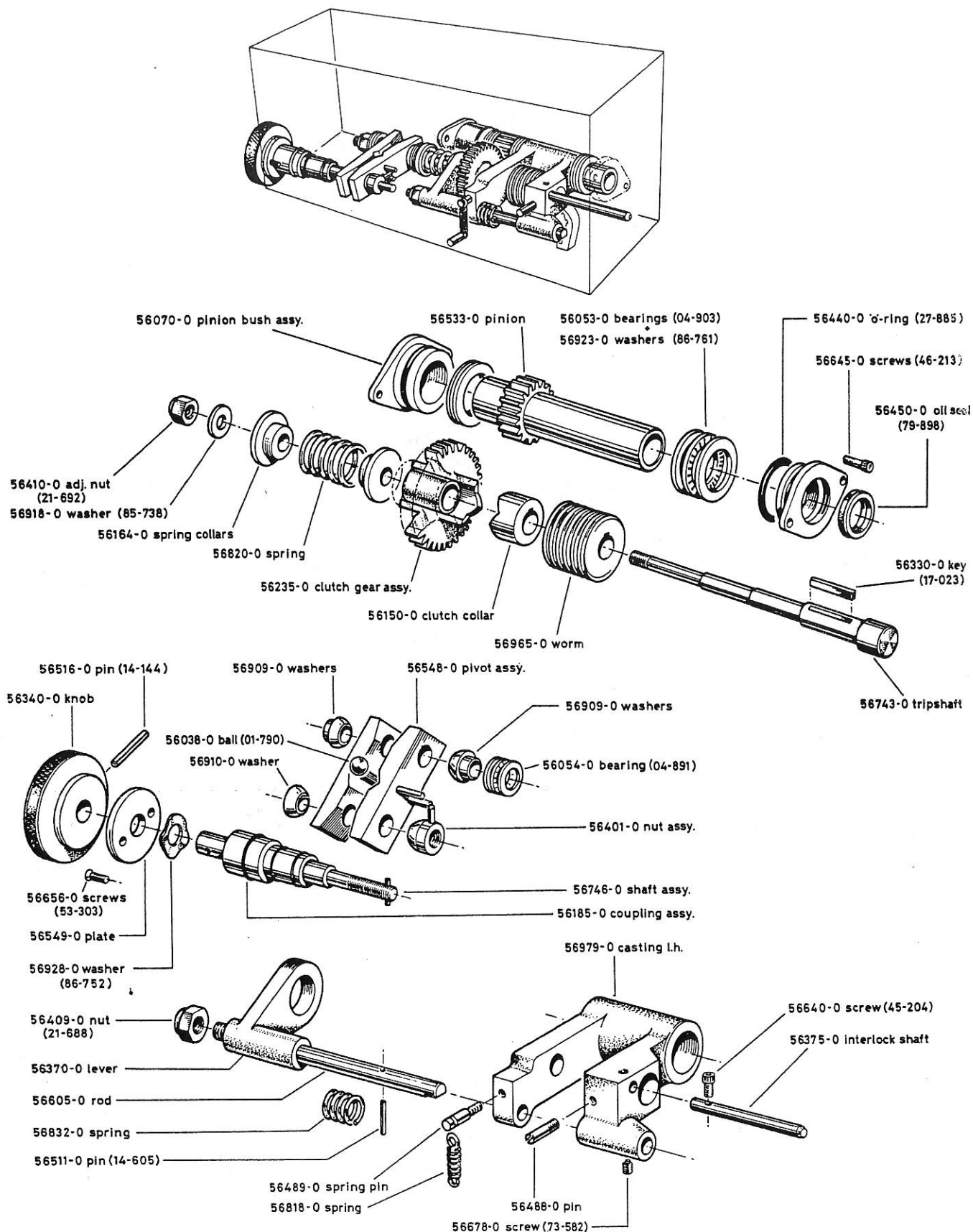
DIAL ASSY. - INCH 62503-1



DIAL ASSY. - METRIC 62475-2







APRON: THREADING DIALS

FROM SER. NO. 00001
TO SER. NO.

56853-0
dial stem assy.

56494-0 pin

56882-0
stud

56272-0
guard

56411-0 nut
(21-678)

56236-0
dial gear

56406-0
clamping nut

ENGLISH

56883-0
stud

56273-0
guard

METRIC

For setting
instructions,
read the plate
on front of the
guard, and on
top surface.

56630-0
thumbscrew

56854-0
dial stem assy.

56407-0
clamping nut

56245-0
dial gear 22T

56243-0
dial gear 20T

56239-0
dial gear 16T

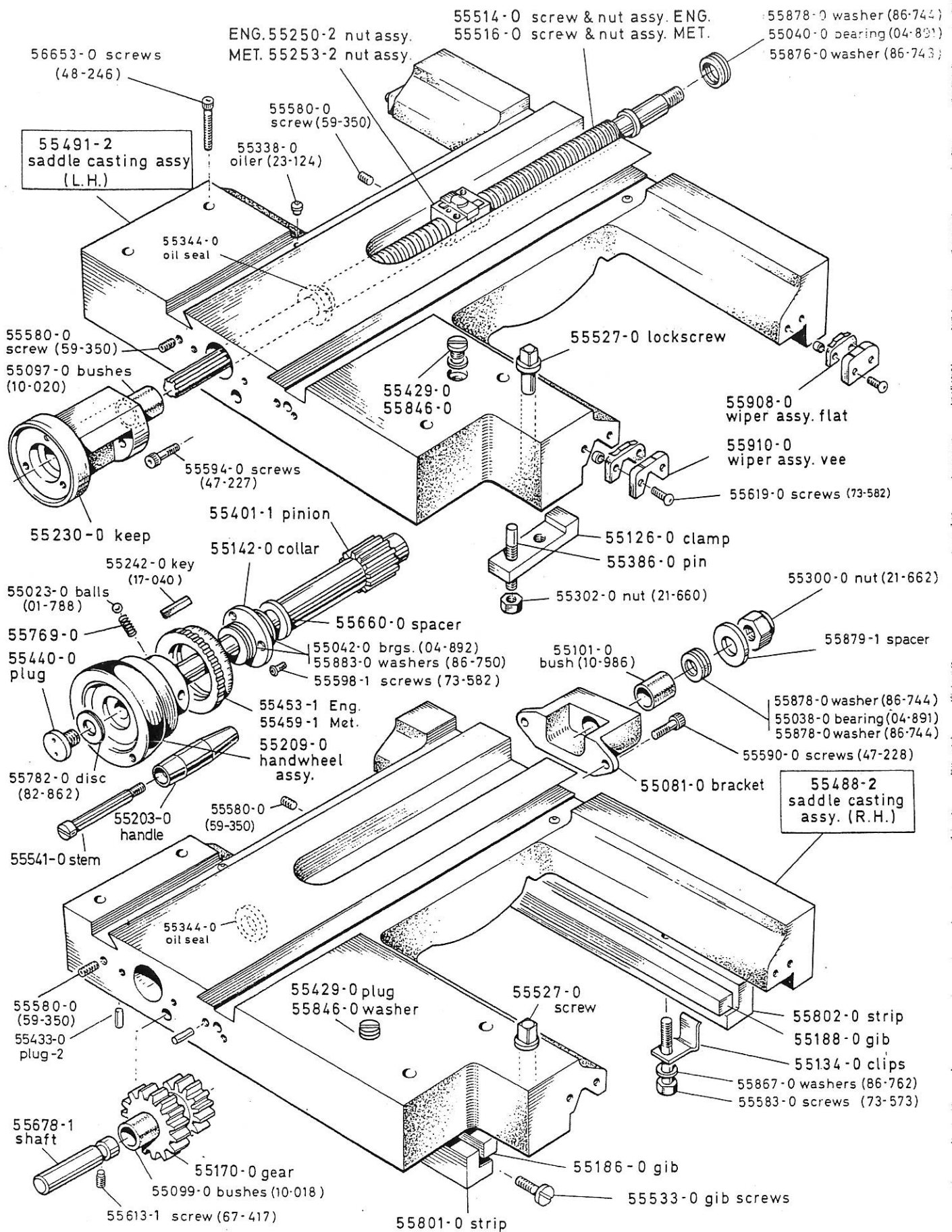
56237-0
dial gear 14T

56241-0
dial gear 18T

56800-0 spacer

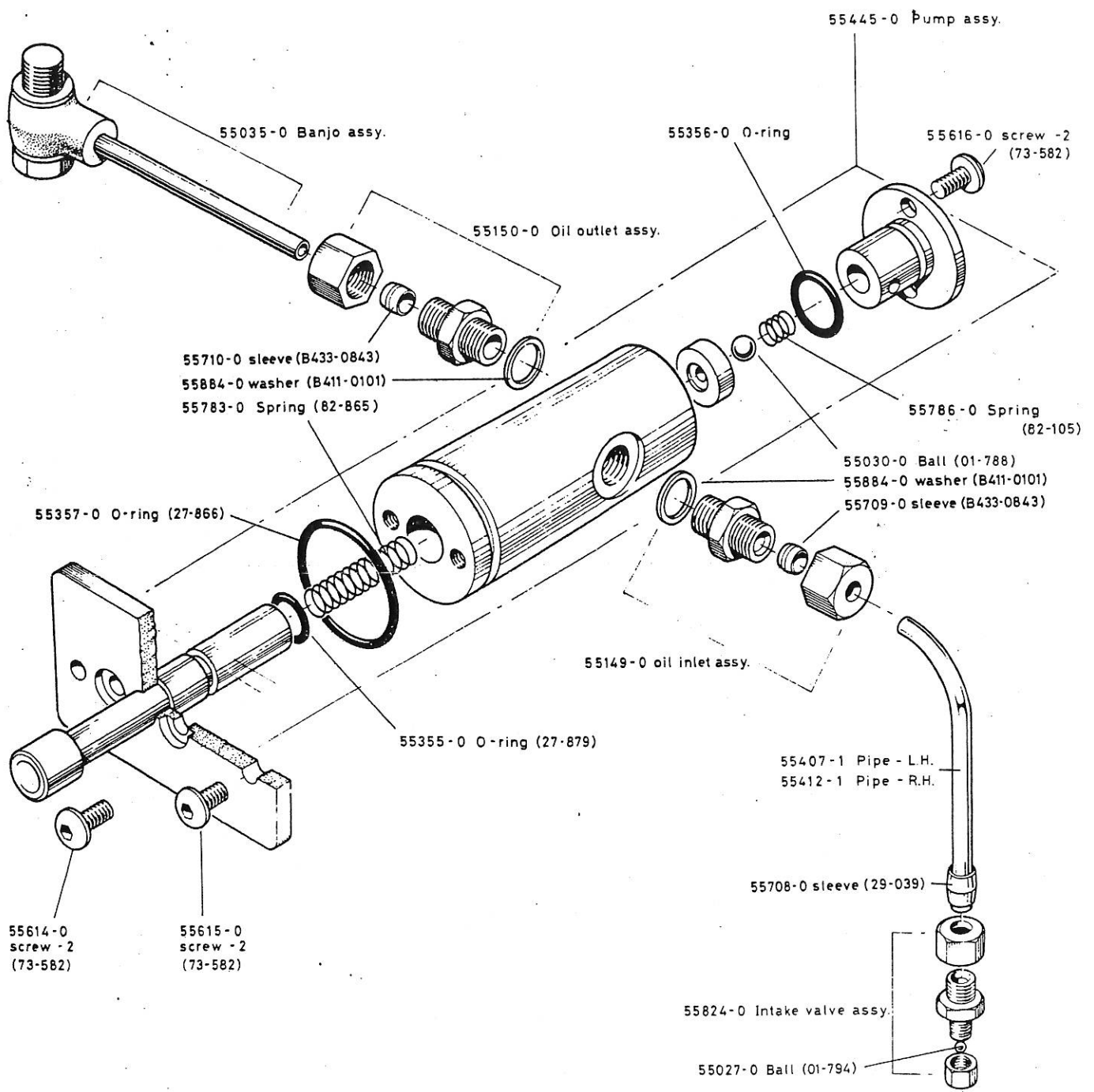
56408-0 nut

Ref: TR-25-6803

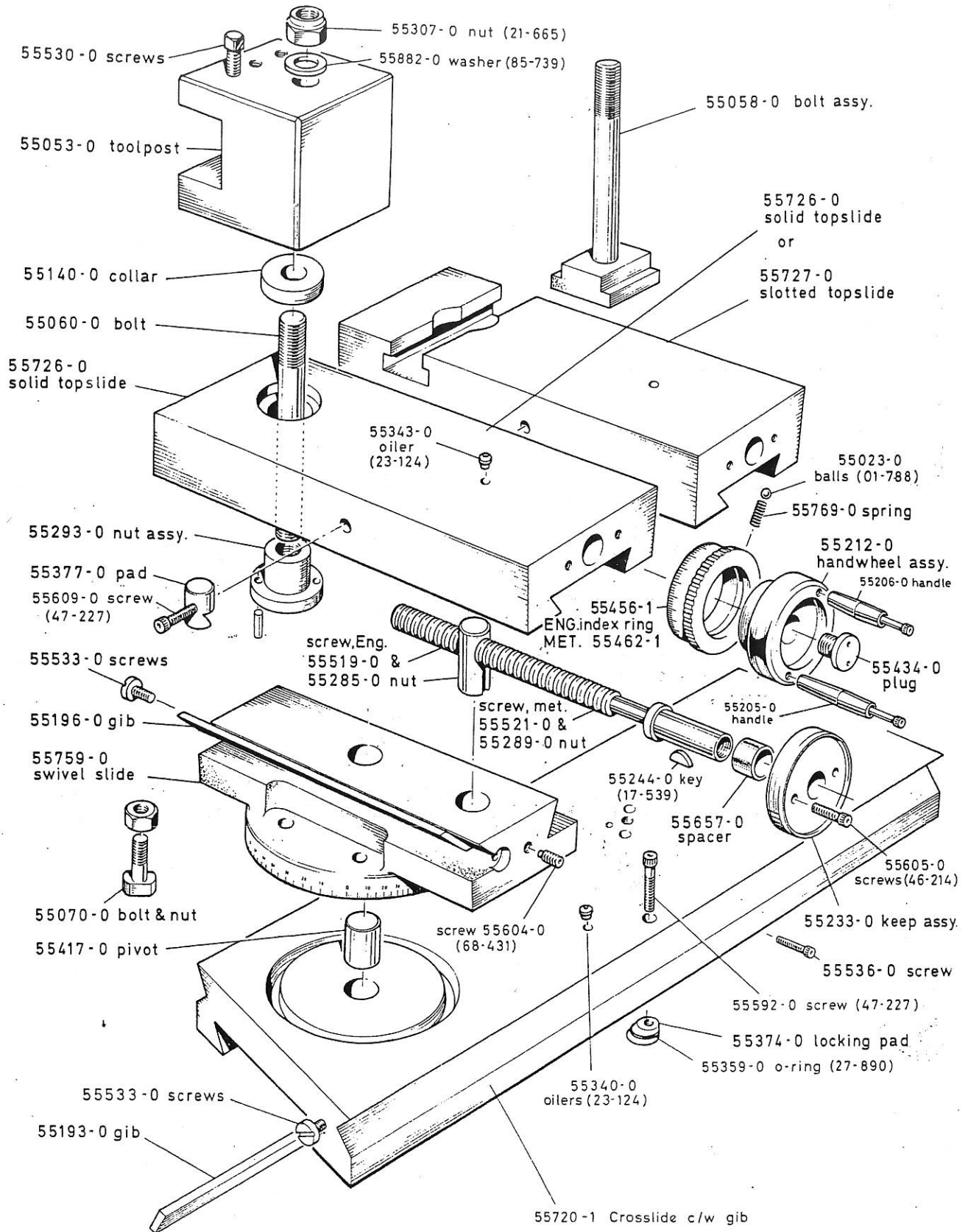


SADDLE, LUBRICATION

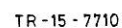
55446-0 PUMP & PIPE ASSY. R/H
55447-0 PUMP & PIPE ASSY. L/H



TR-13-7203-8

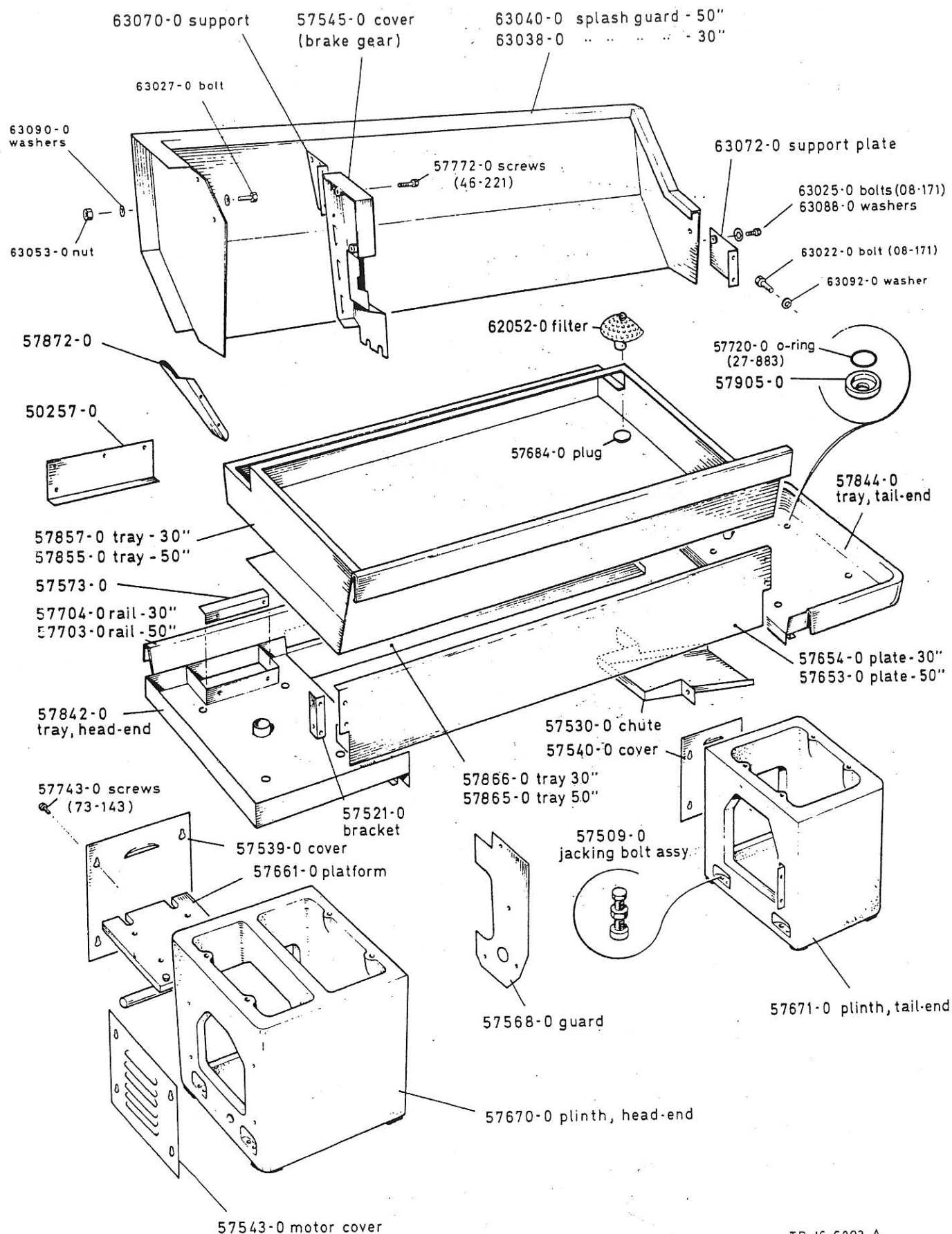


FROM SER. No. 22096
TO SER. No.

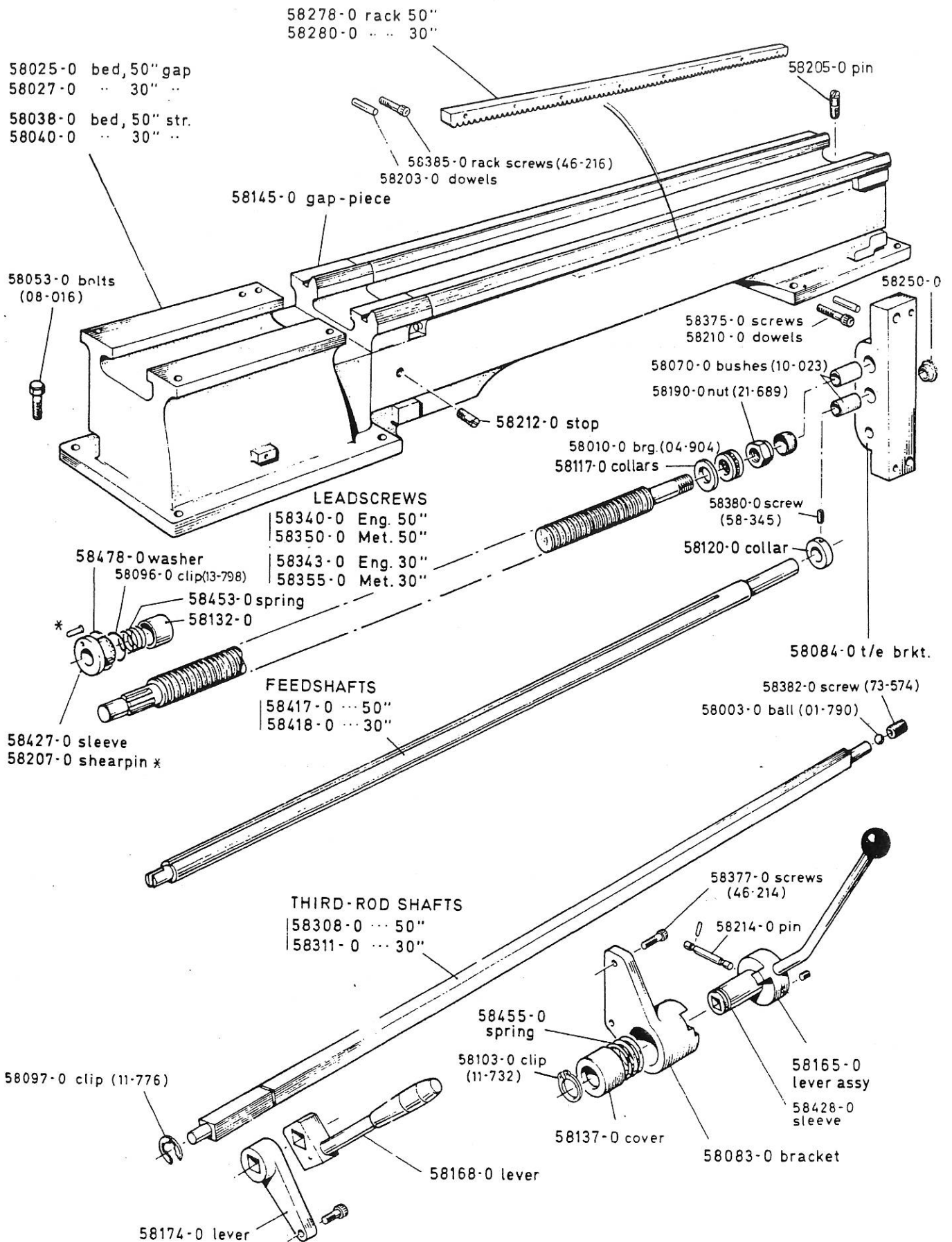


CABINET & PANELS

FROM SER No 00001
TO SER No.



TR-16-6803 A



ELECTRICS D.O.L.

FROM SER. NO. 22096
TO SER. NO.

- 52153-2. Fuse unit comp. 2 amp.
- 52073-1. Control fuse base S16.
- 52021-2. Fuse cap NDR 1114 K.
- 52284-4. Gauge ring NDR/2 amp.
- 52154-4. Fuse cartridge NDZ 11140 /2.

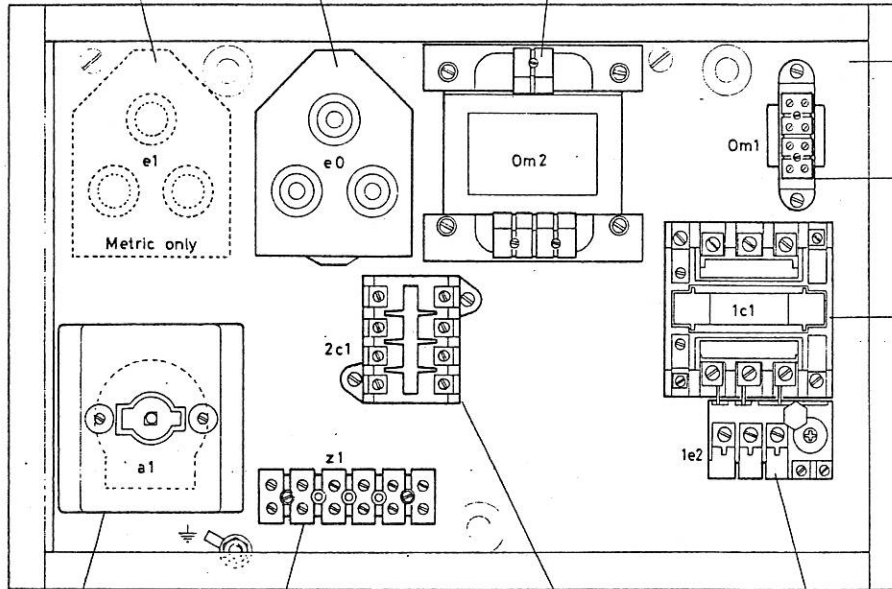
- 52153-0. Fuse unit comp. 20 amp.
- 52021-2. Fuse cap NDR 1114 K.
- 52154-3. Fuse cartridge 25 amp.
- 52073-1. Control fuse base S16.
- 52284-3. Gauge ring NDR/20 amp.

Control Transformers.

- 52072-1. 346 /110v. Eng.
- 52072-2. 380 /110v. Eng. & Met.
- 52072-3. 415 /110v. Eng.
- 52072-4. 220 /110v. Eng. & Met.

Control panels complete (110v. Control).

- 52000-2. 346 - 3 - 50 D.O.L. Eng.
- 52400-2. 380 - 3 - 50 D.O.L. Eng.
- 52160-2. 415 - 3 - 50 D.O.L. Eng.
- 52320-2. 220 - 3 - 60 D.O.L. Eng.
- and
- 52320-3. 220 - 3 - 50 D.O.L. Metric.
- 52401-0. 380 - 3 - 50 D.O.L. Metric.
- 52240-0. 500 - 3 - 50 D.O.L. Metric.



52041-0
Mounting plate

52310-1 Pilot light
transformer
(110v. 24 w.)

Main Contactors

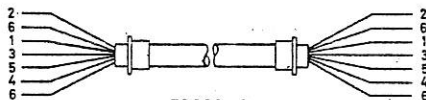
- 52022-2. 110v. 50 Hz.
(E & M)
- 52022-3. 110v. 60 Hz.

Main Motor Overloads

- 52045-0. Type ZO-16. (346/380v. 50 Hz.)
- 52205-0. Type ZO-12. (415v. 50 Hz.)
- 52367-1. Type ZO-22-5 (220-3-60 Hz.)

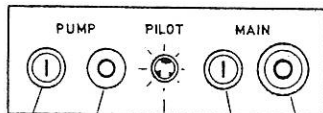
Pump Contactors

- 52024-1. D.O.L. 50 Hz. Eng. & Metric
- 52024-2. D.O.L. 60 Hz. Atlas.



52030-2
Wiring harness (E & M)

Push Button Station - 52006-2



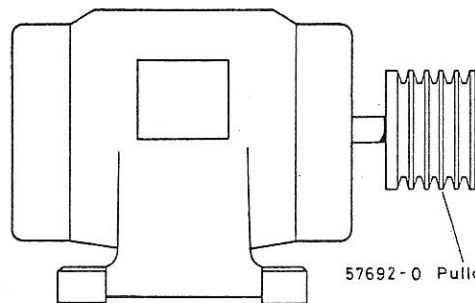
52013-2
Pump 'Stop'

52014-2
Pump 'Start'

52031-2
Pilot lamp

52011-2
Main 'Start'

52012-2
Main 'Stop'
(Mushroom head)

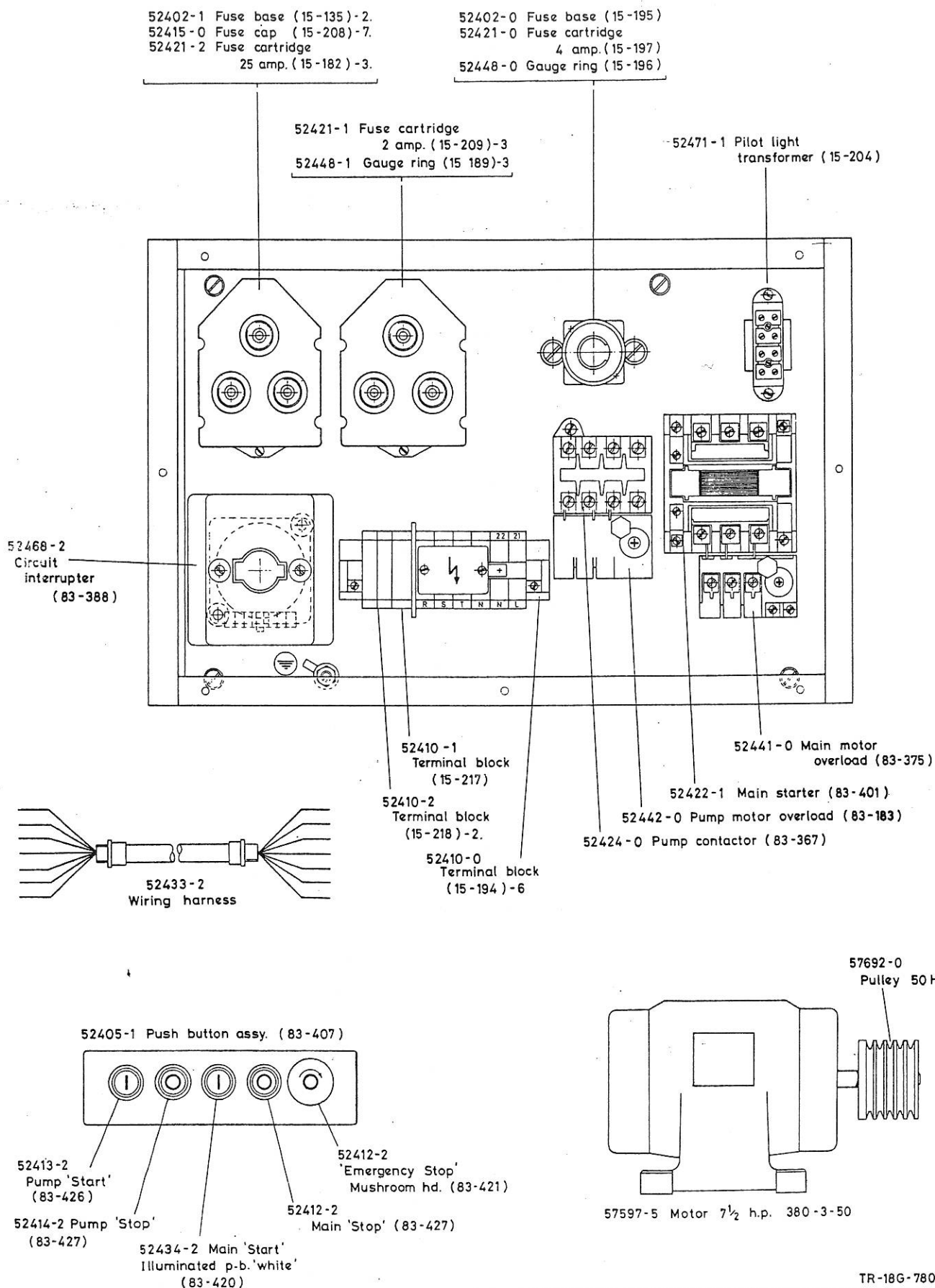


57692-0 Pulley - standard
Eng. & Met.

57696-0 Pulley
220-3-60 Hz. Atlas.

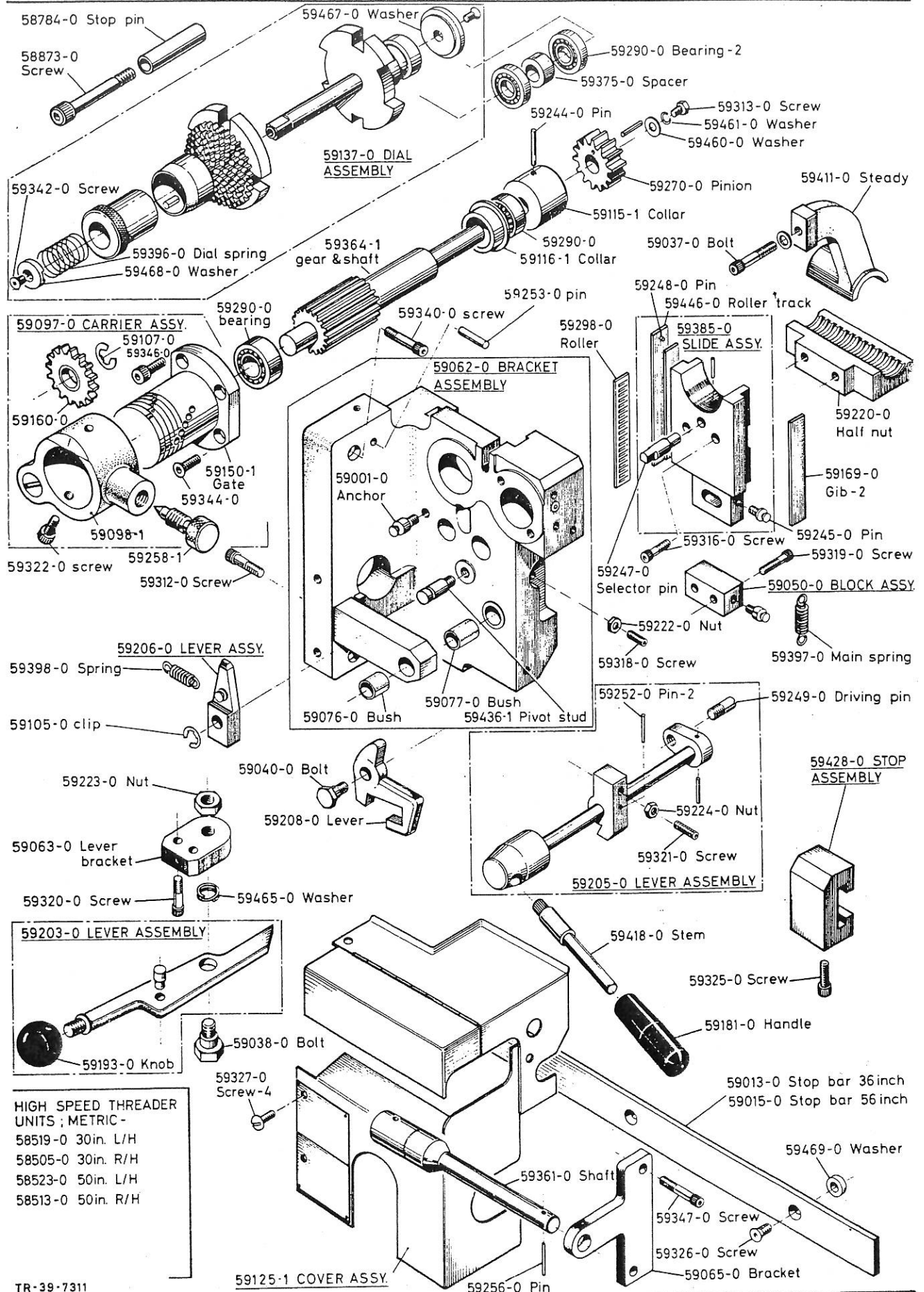
57504-0 Drive belts - Type A74 (07-973).

52401-1 Control panel complete
220v. Control-380-3-50



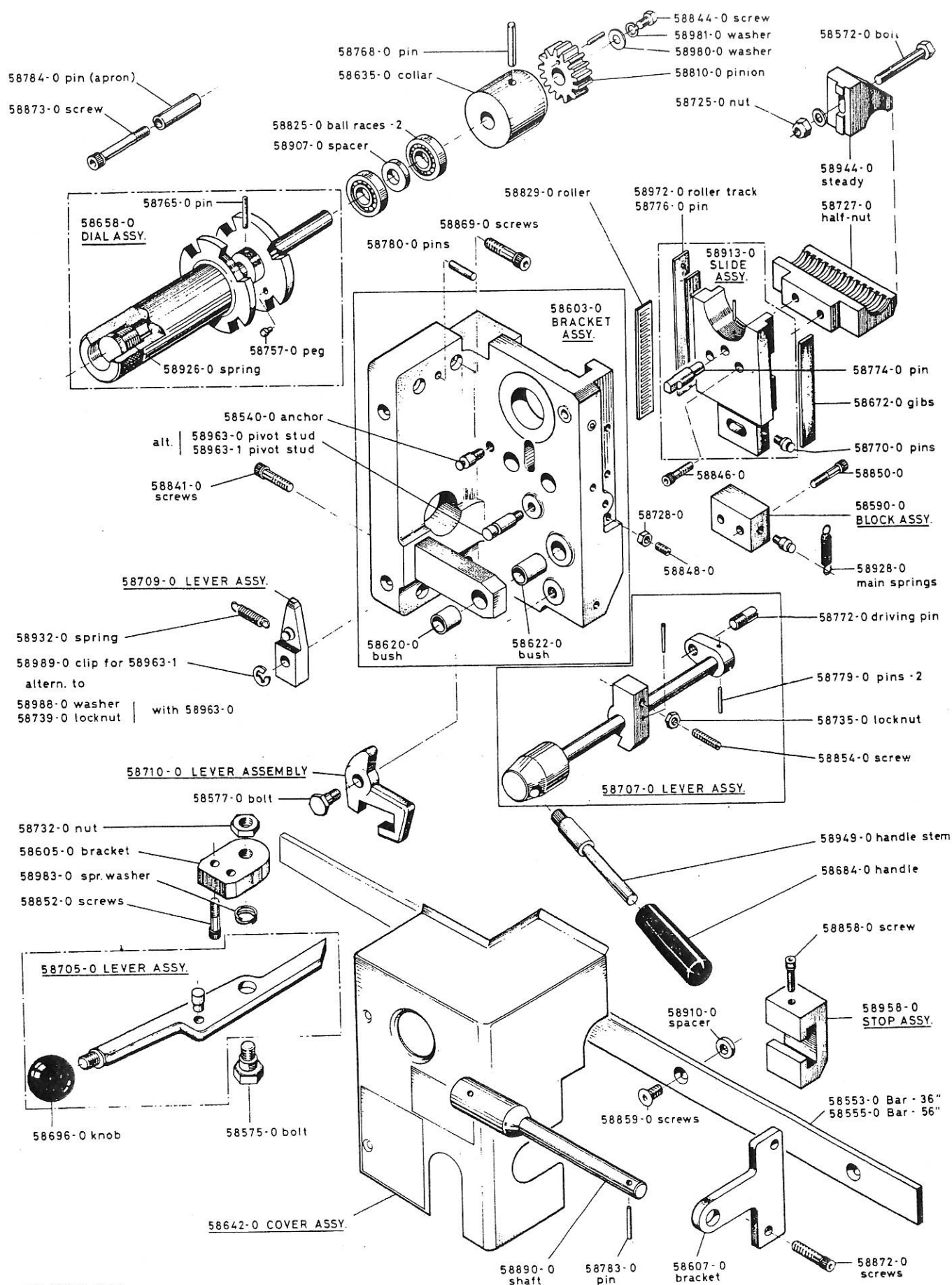
RAPID THREADER UNIT : METRIC

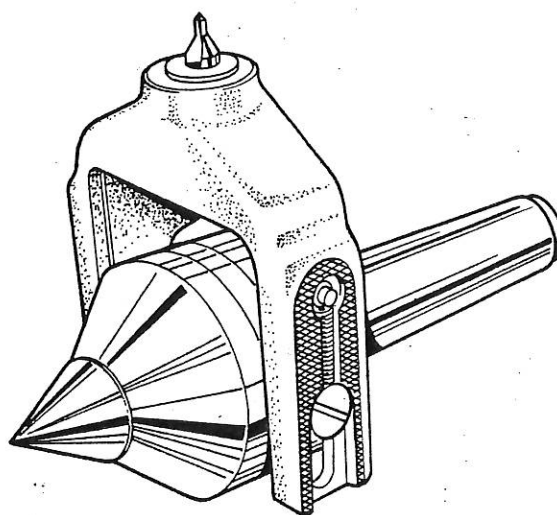
FROM SER. No. 00001
TO SER. No...



RAPID THREADER UNIT; ENGLISH

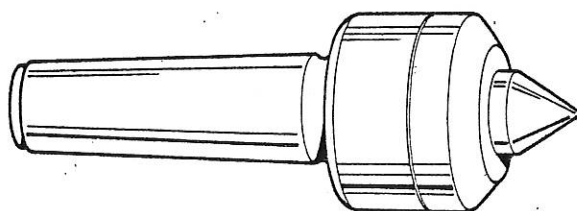
FROM SER. No. 00001
TO SER. No....





60505-0 CENTRING-CENTRE 4 M.T. - English

60506-0 CENTRING-CENTRE 4 M.T. - Metric

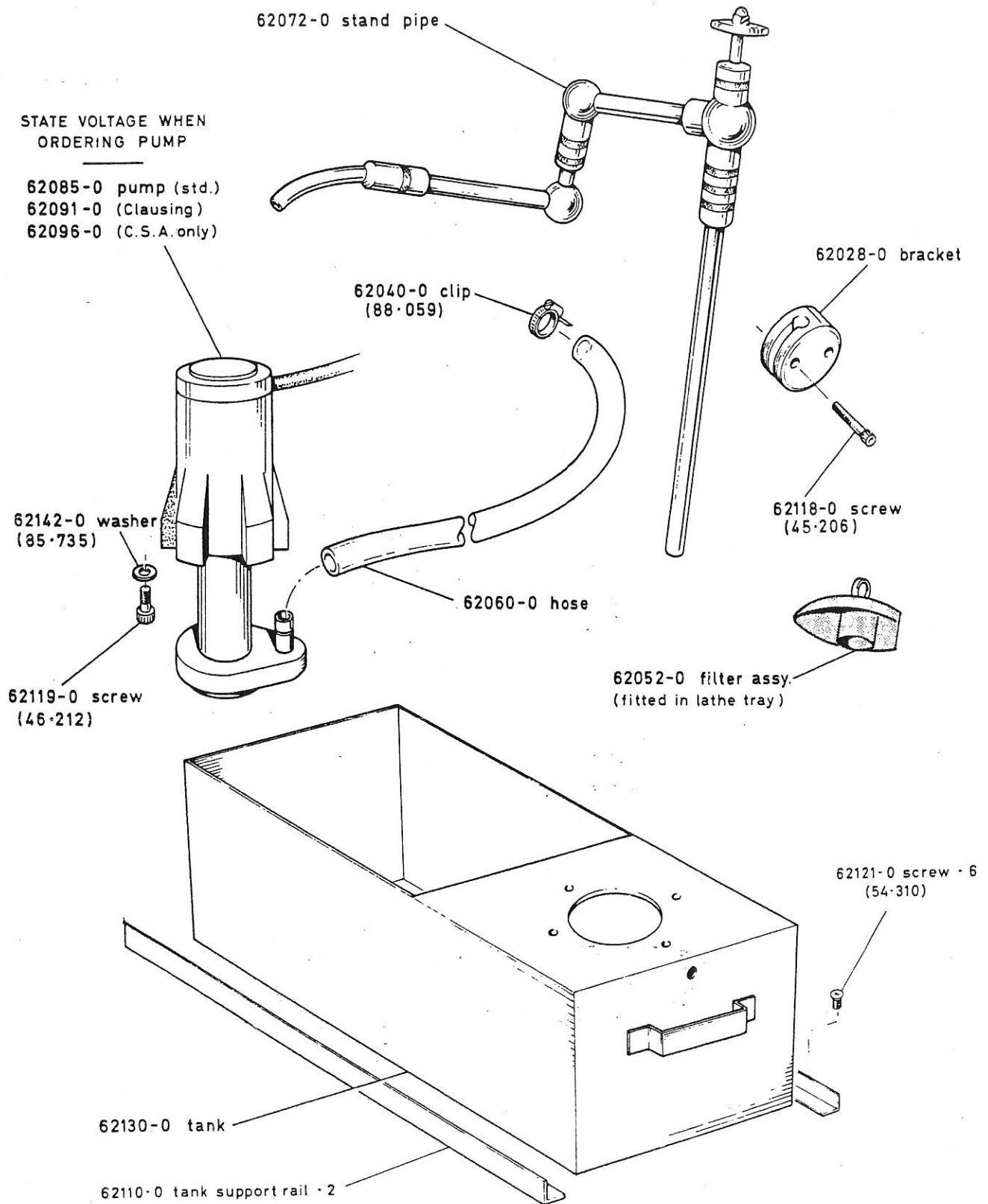


60510-0 STD. ROTATING CENTRE 4 M.T.

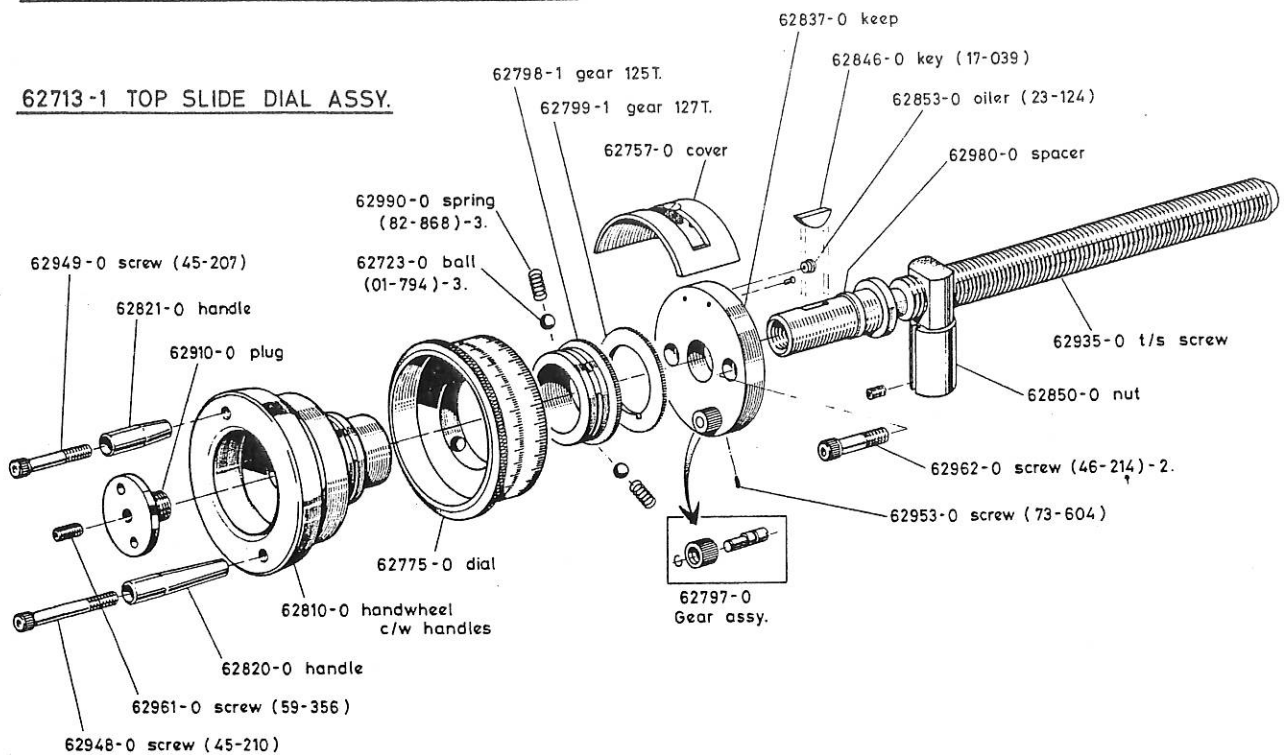
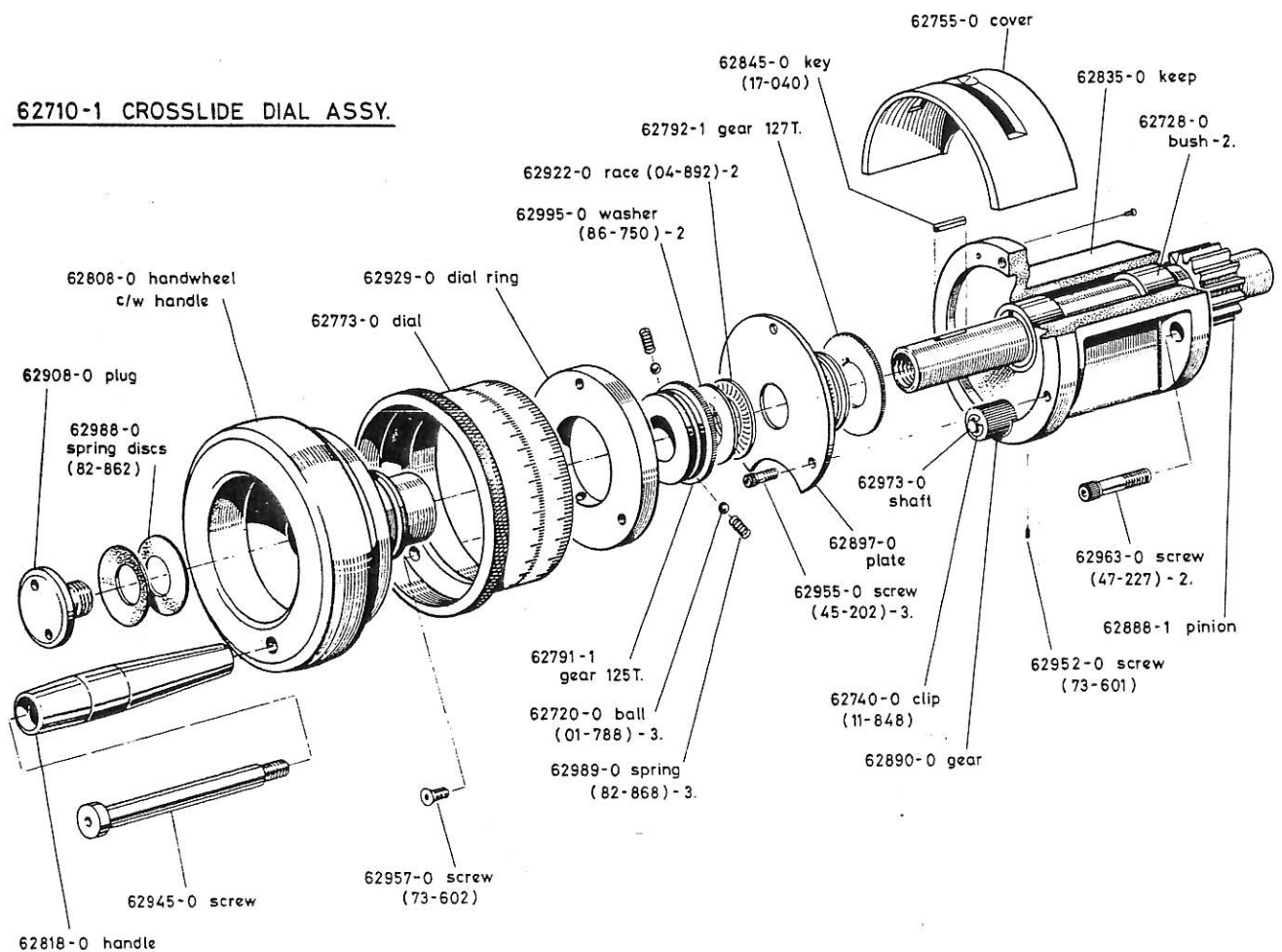
COOLANT UNIT

FROM SER No 00001
TO SER No.

REFER TO WIRING DIAGRAM BEFORE INSTALLING OR REPAIRS



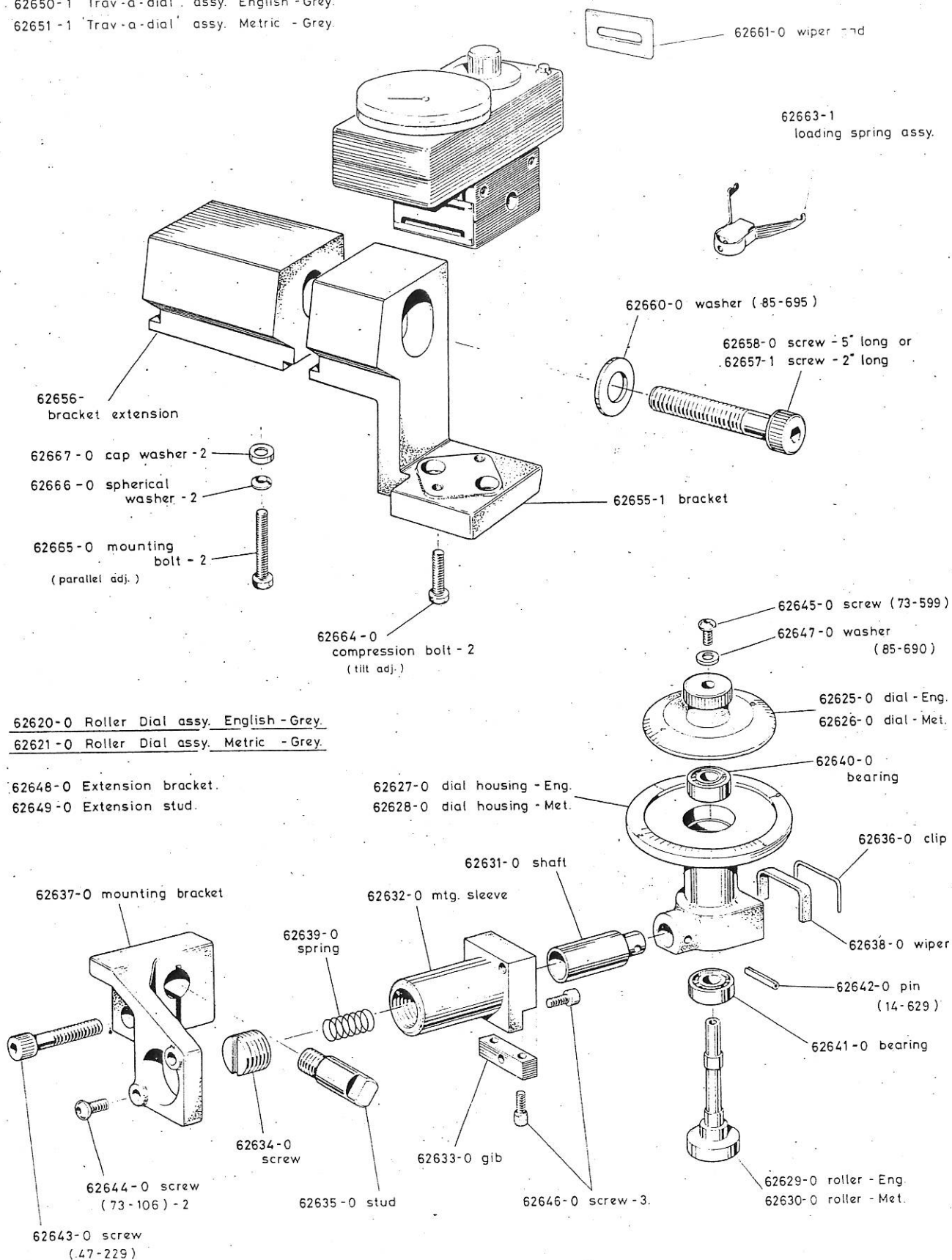
TR—ACC 6-6803A

62702-1 TOP & CROSSLIDE DUAL DIALS ASSY.62713-1 TOP SLIDE DIAL ASSY.62710-1 CROSSLIDE DIAL ASSY.

LONGITUDINAL POSITIONING DIALS

FROM SER. NO. 22096
TO SER. NO.

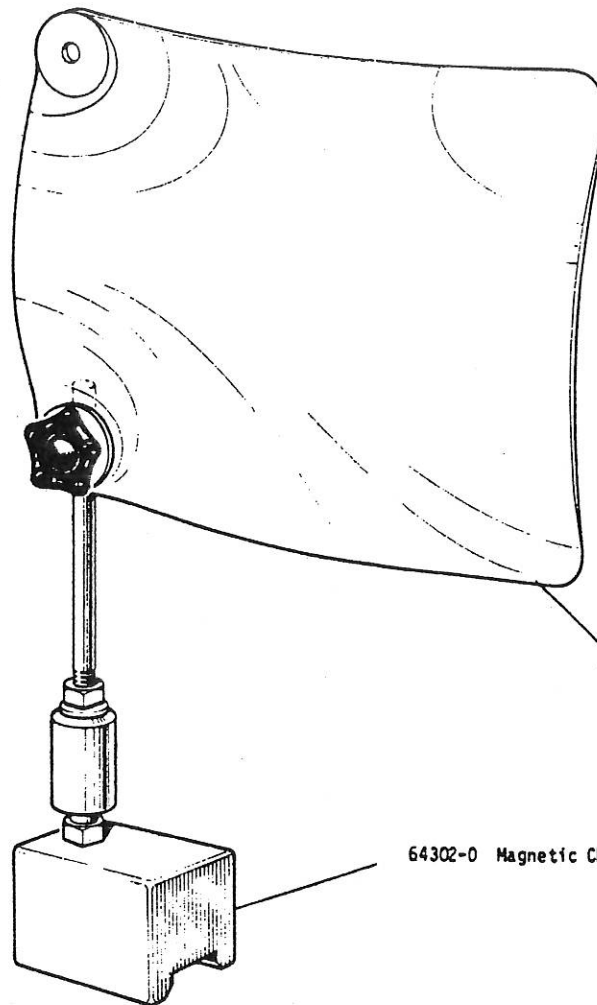
62650-1 'Trav-a-dial' assy. English - Grey.
62651-1 'Trav-a-dial' assy. Metric - Grey.



TR 32-7805

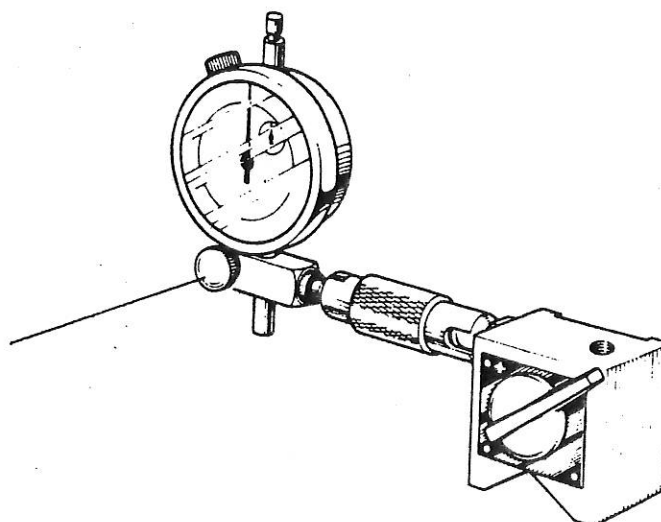
MAGNETIC CHIP GUARD/DIAL INDICATOR

FROM SER. NO. 00001
TO SER. NO.



64303-0 Chip guard shield

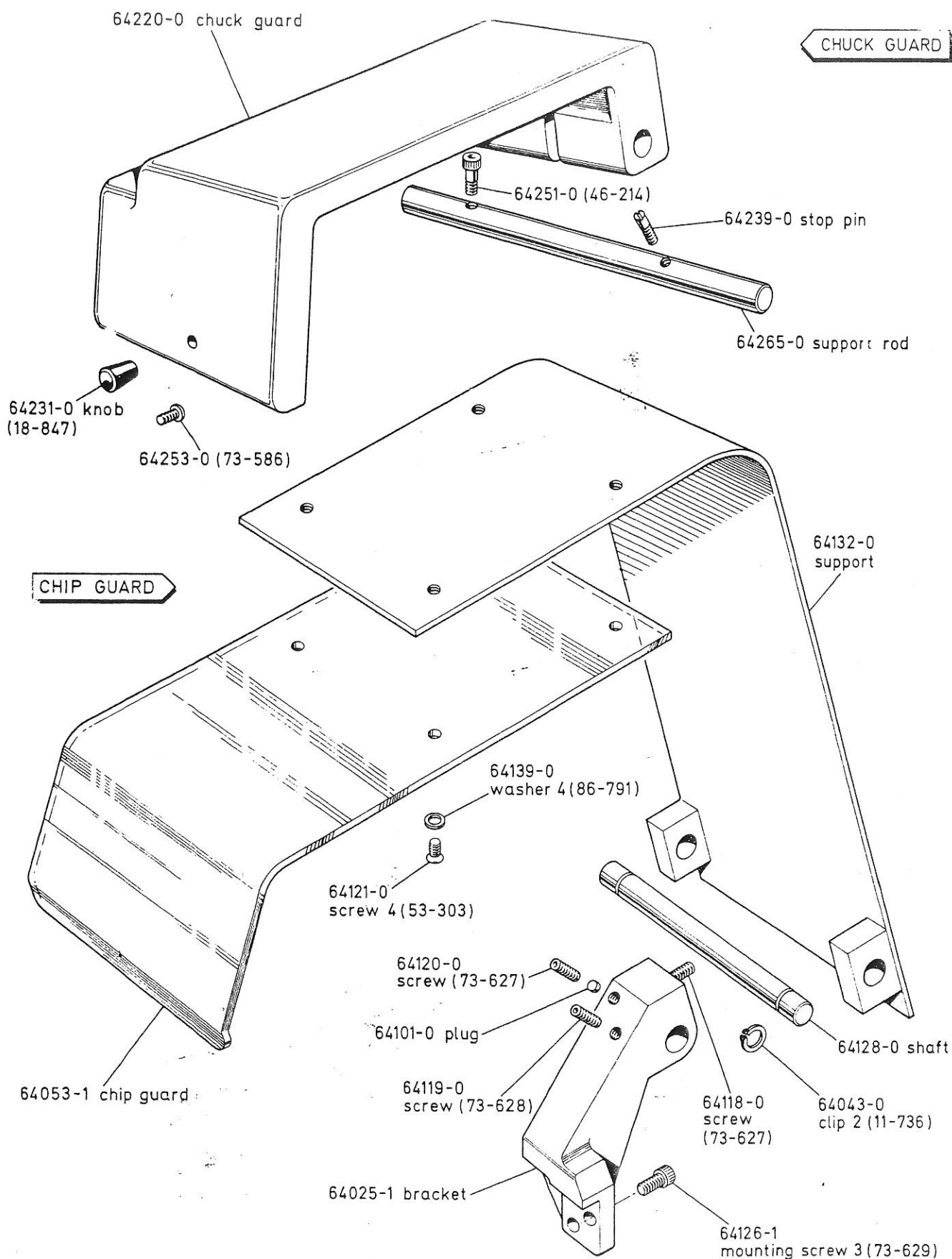
64302-0 Magnetic Chip guard assy



64402-0 Magnetic dial
indicator assy - ENGLISH

64403-0 Magnetic dial
indicator assy - METRIC

CHUCK & CHIP GUARDS

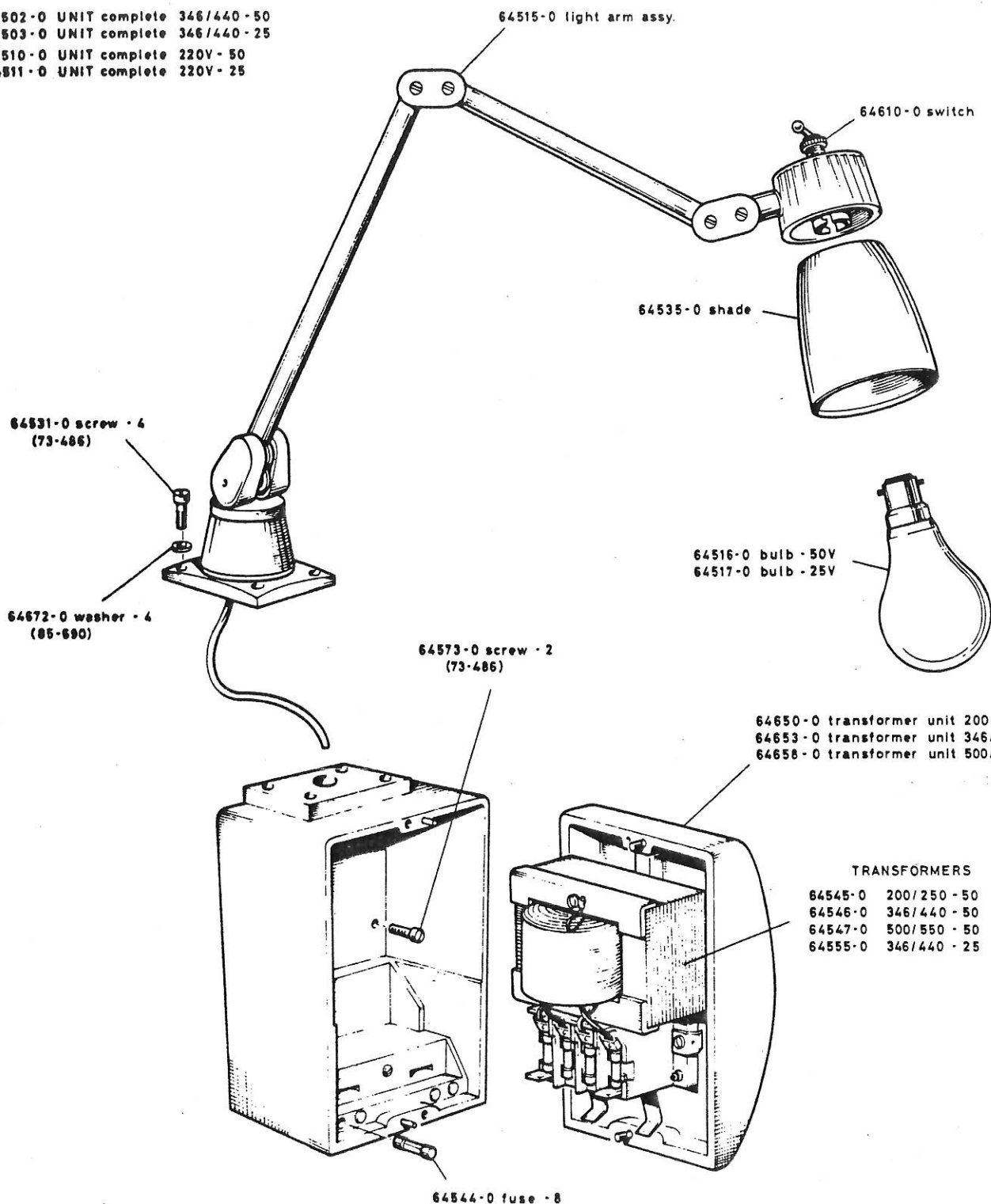


LOW VOLT LIGHT

FROM SER No. 00001
TO SER. No....

all machines except CLAUSING

64502-0 UNIT complete 346/440-50
64503-0 UNIT complete 346/440-25
64510-0 UNIT complete 220V-50
64511-0 UNIT complete 220V-25

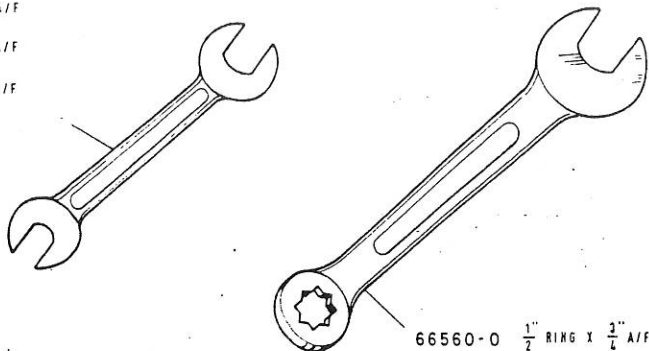


STANDARD EQUIPMENT

FROM SER. No. 00001
TO SER. No.

66514-0 SPANNER SET

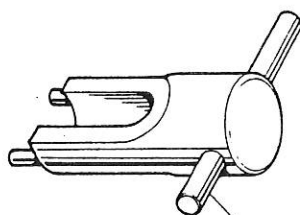
- 66550-0 $1\frac{5}{16}$ " x $\frac{15}{16}$ " A/F
- 66552-0 $\frac{15}{16}$ " x $\frac{3}{4}$ " A/F
- 66554-0 $\frac{9}{16}$ " x $\frac{7}{16}$ " A/F



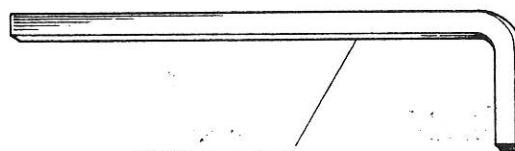
66560-0 $\frac{1}{2}$ " RING x $\frac{3}{4}$ " A/F

66510-0 KEYS SE.

- 66525-0 $\frac{1}{8}$ " A/F
- 66527-0 $\frac{5}{32}$ " A/F
- 66529-0 $\frac{3}{16}$ " A/F
- 66531-0 $\frac{7}{32}$ " A/F
- 66533-0 $\frac{1}{4}$ " A/F
- 66535-0 $\frac{5}{16}$ " A/F
- 66537-0 $\frac{3}{8}$ " A/F

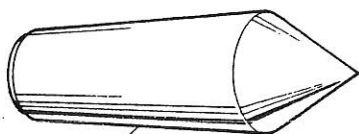


66583-0 peg spanner

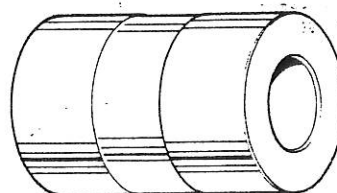


66575-0 L-key

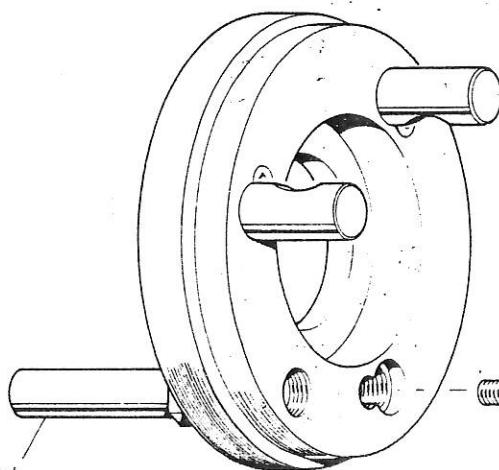
66502-0 TOOL KIT COMPLETE



50270-0 No. 4 M.T. centre



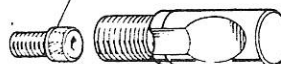
50110-0 centre bush No. 4 M.T.
50111-0 centre bush No. 5 M.T.



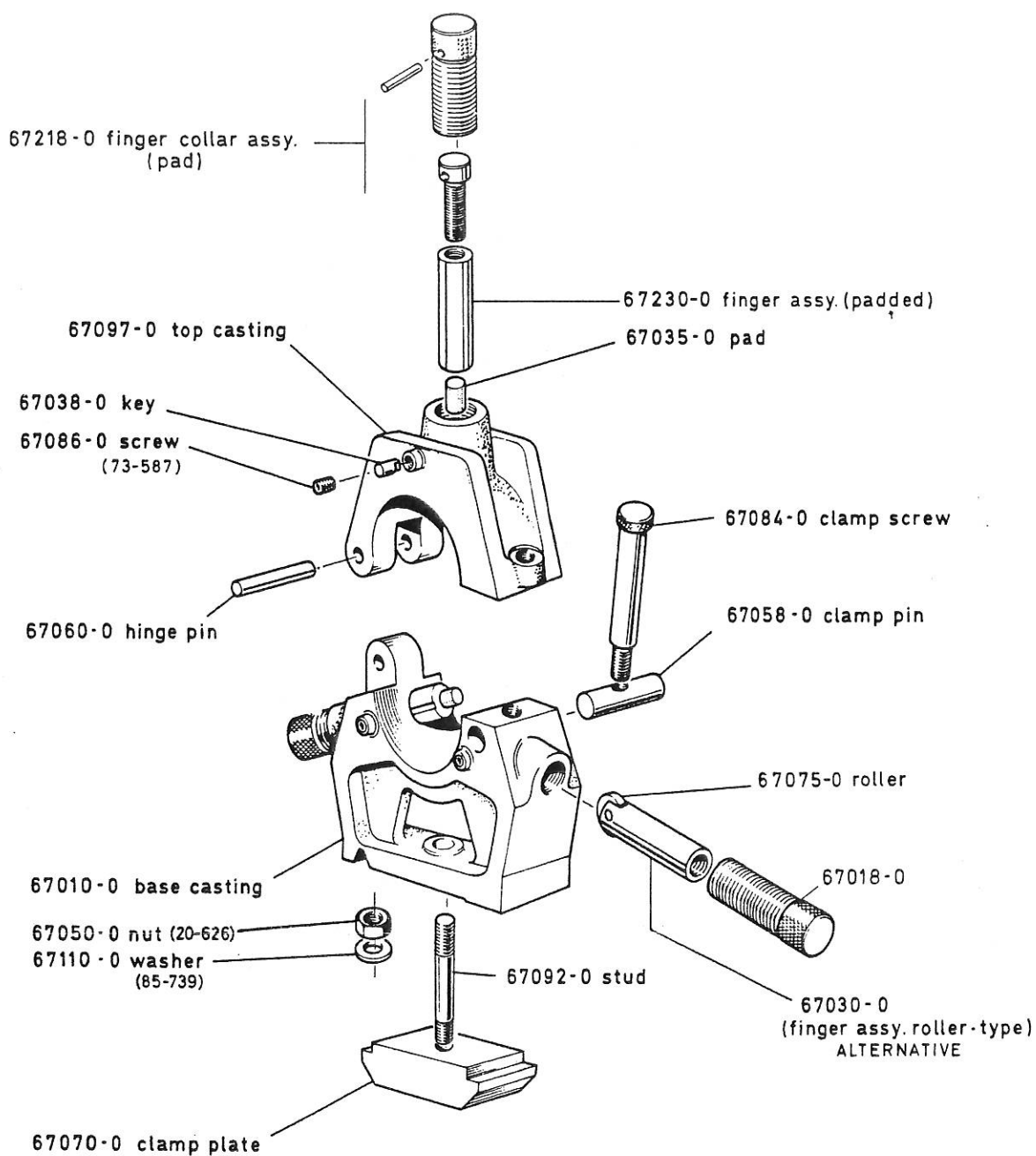
65233-0 drive stud

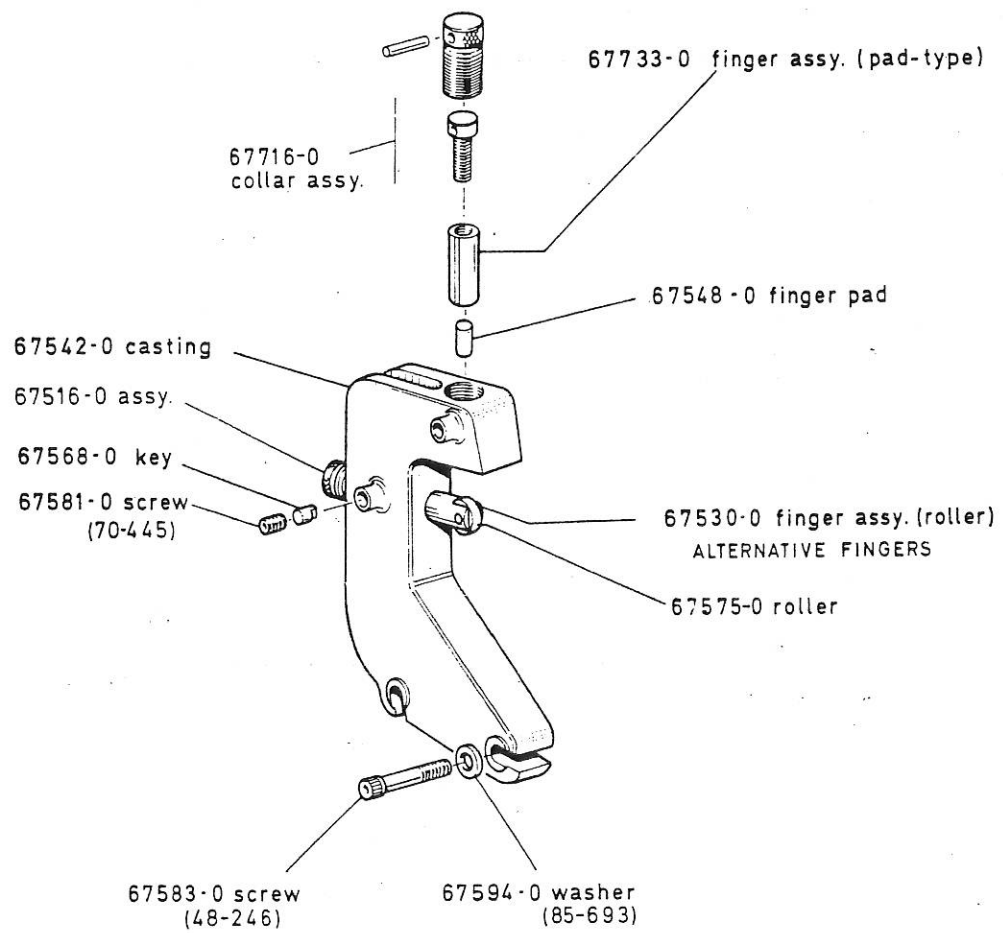
65203-0 driving plate assy.

65324-0 screw 3 (47-223)



65330-0 Camlock stud 3





BED STOPS

FROM SER No 00001
TO SER No

MICROMETER STOP

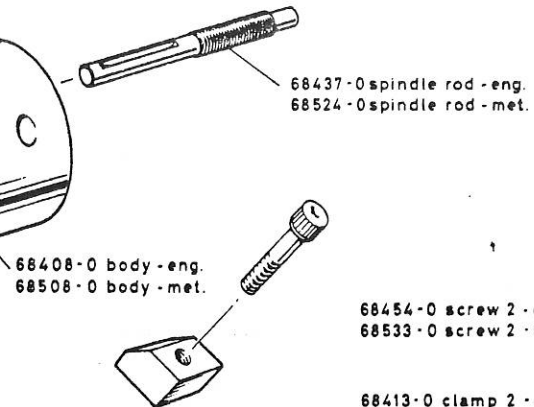
68403-0 ASSY.-ENGLISH
68503-0 ASSY.-METRIC

68431-0 pin -eng.
68520-0 pin -met.

68419-0 micro-dial -eng.
68515-0 micro-dial -met.

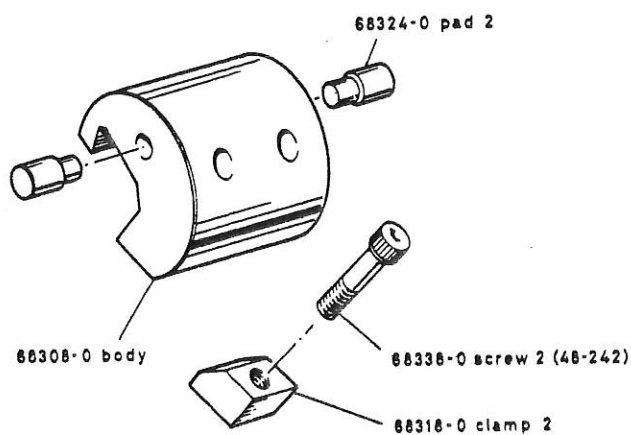
68428-0 pin -eng.
68520-0 pin -met.

68448-0 screw -eng.
68530-0 screw -met.



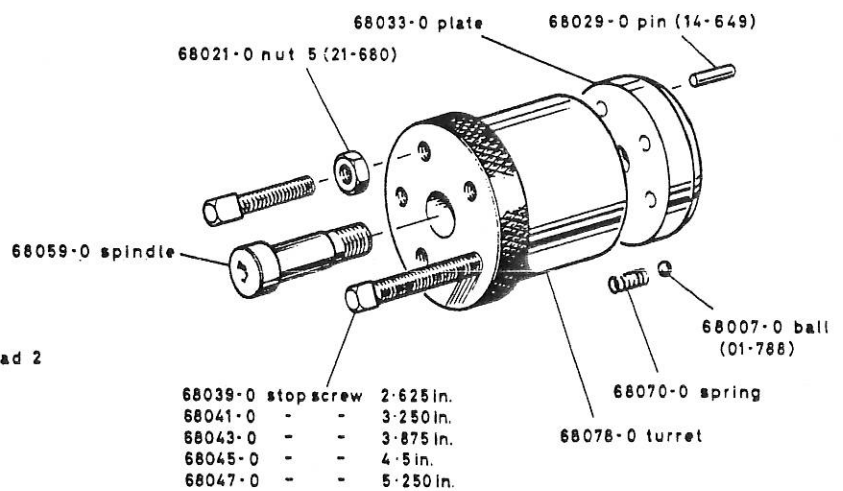
SINGLE - TYPE

68303-0 ASSY.

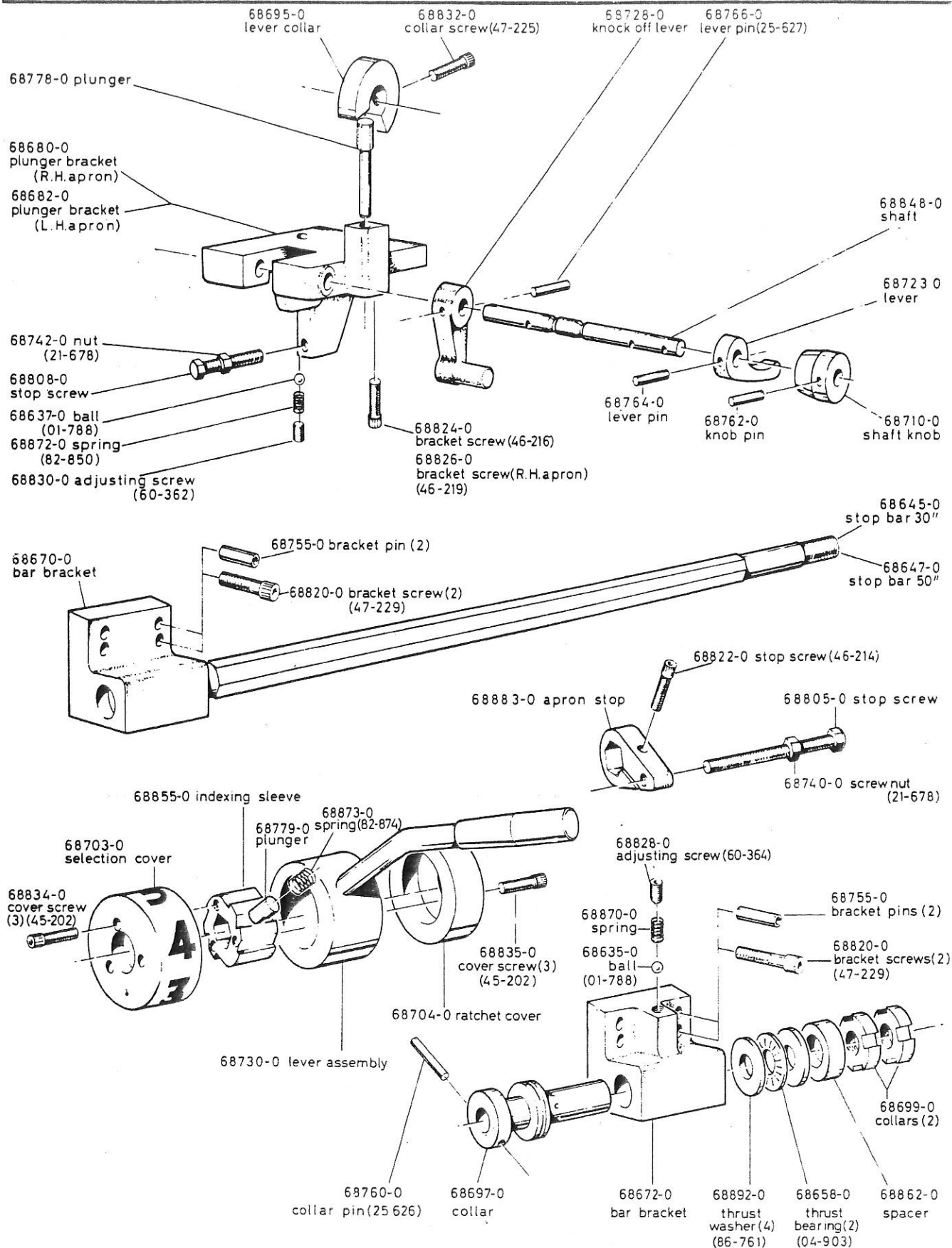


68003-0 ASSY.

5-POSITION STOP TURRET-TYPE



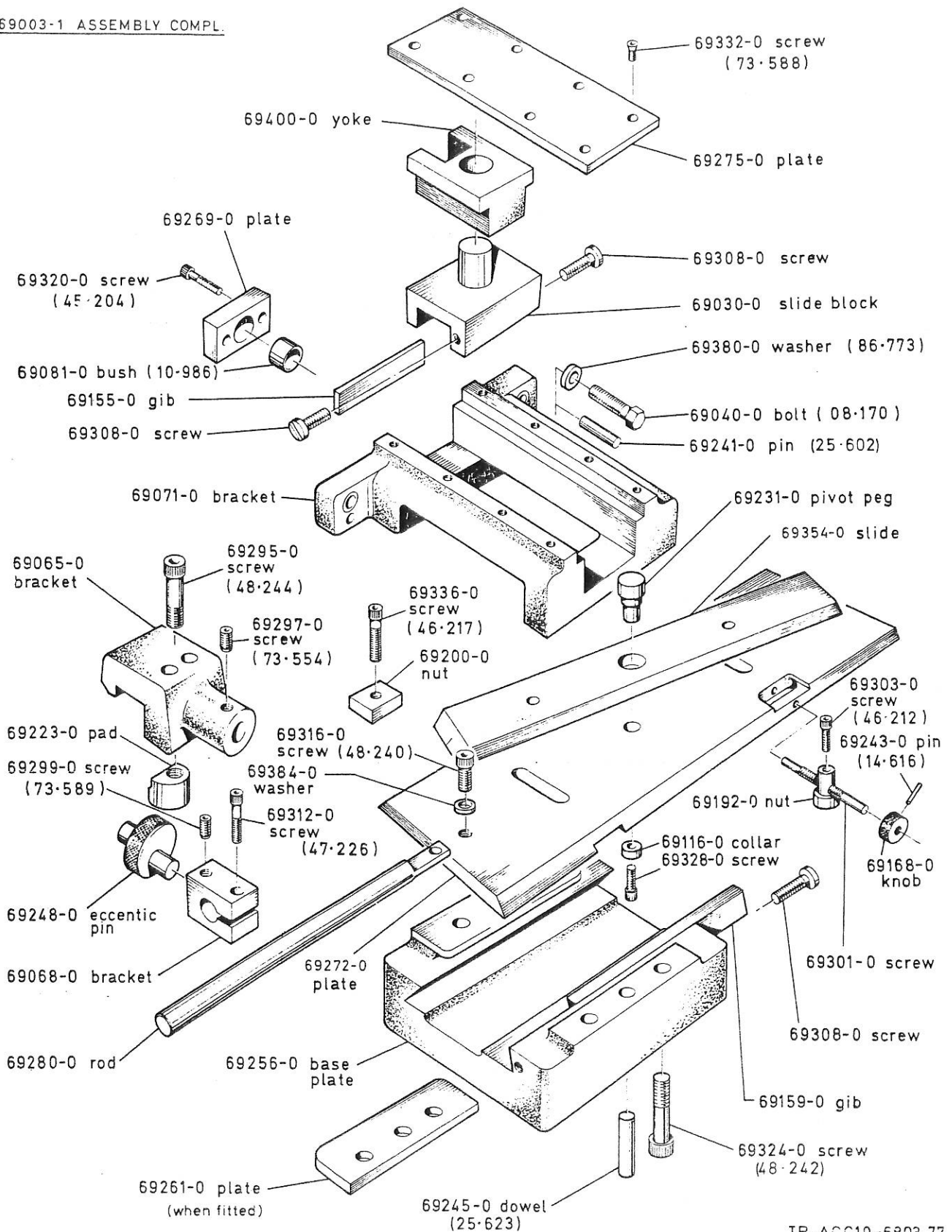
BEDSTOP: 6 POSITION LONGITUDINAL



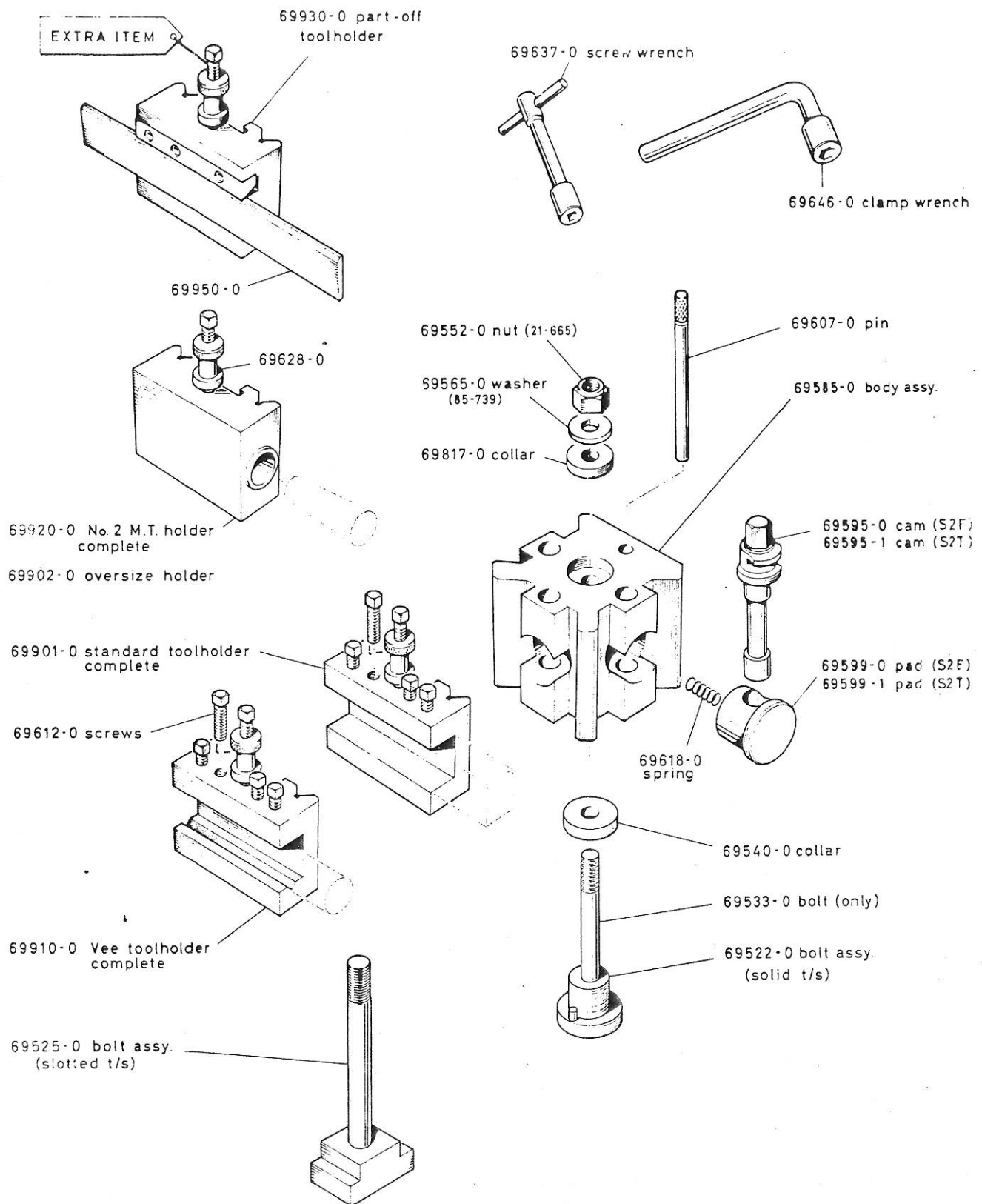
TAPER TURNER

FROM SER No. 00001
TO SER. No....

69003-1 ASSEMBLY COMPL.

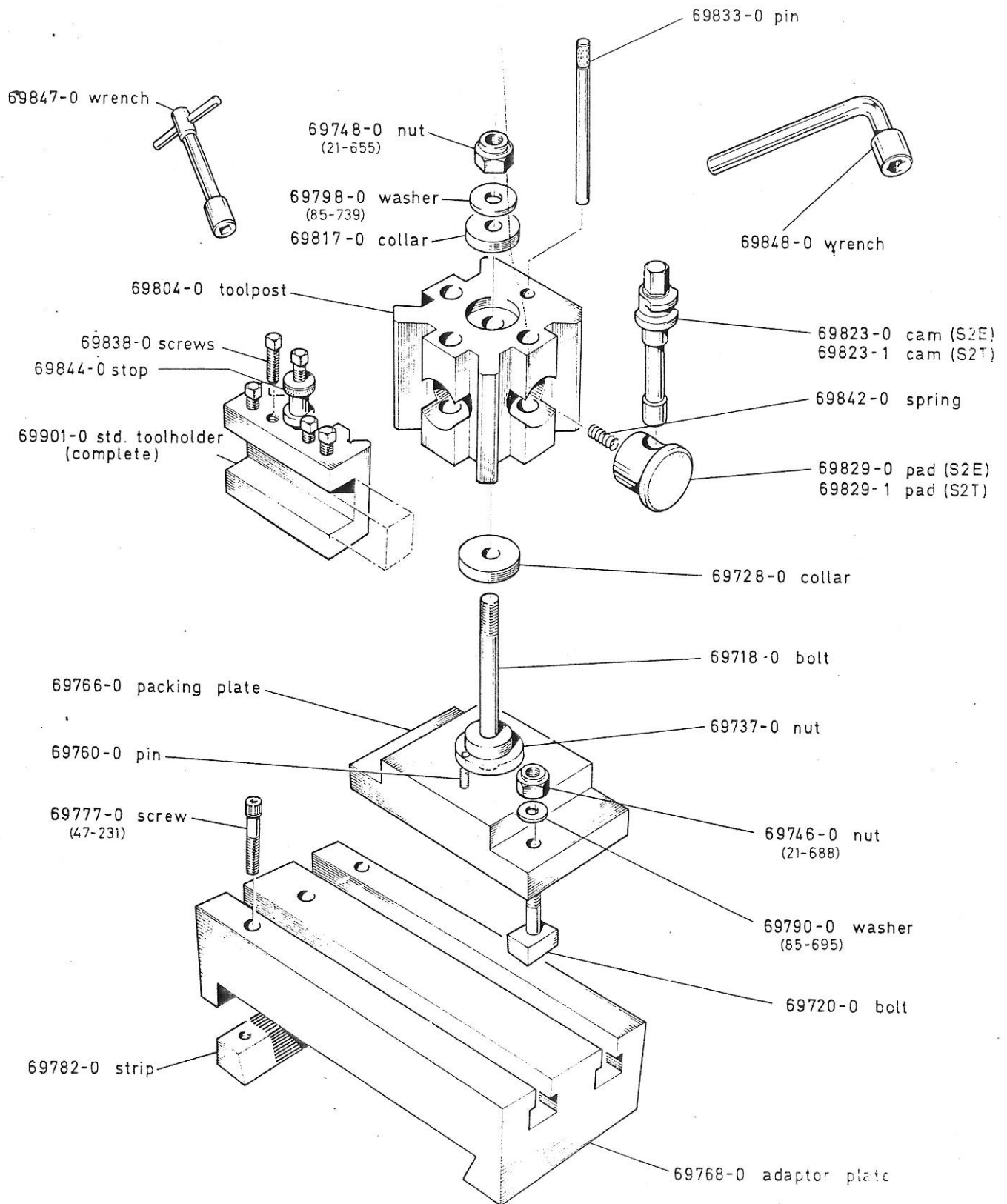


TR-ACC10-6803 77



REAR TOOLPOST ; QUICK - CHANGE

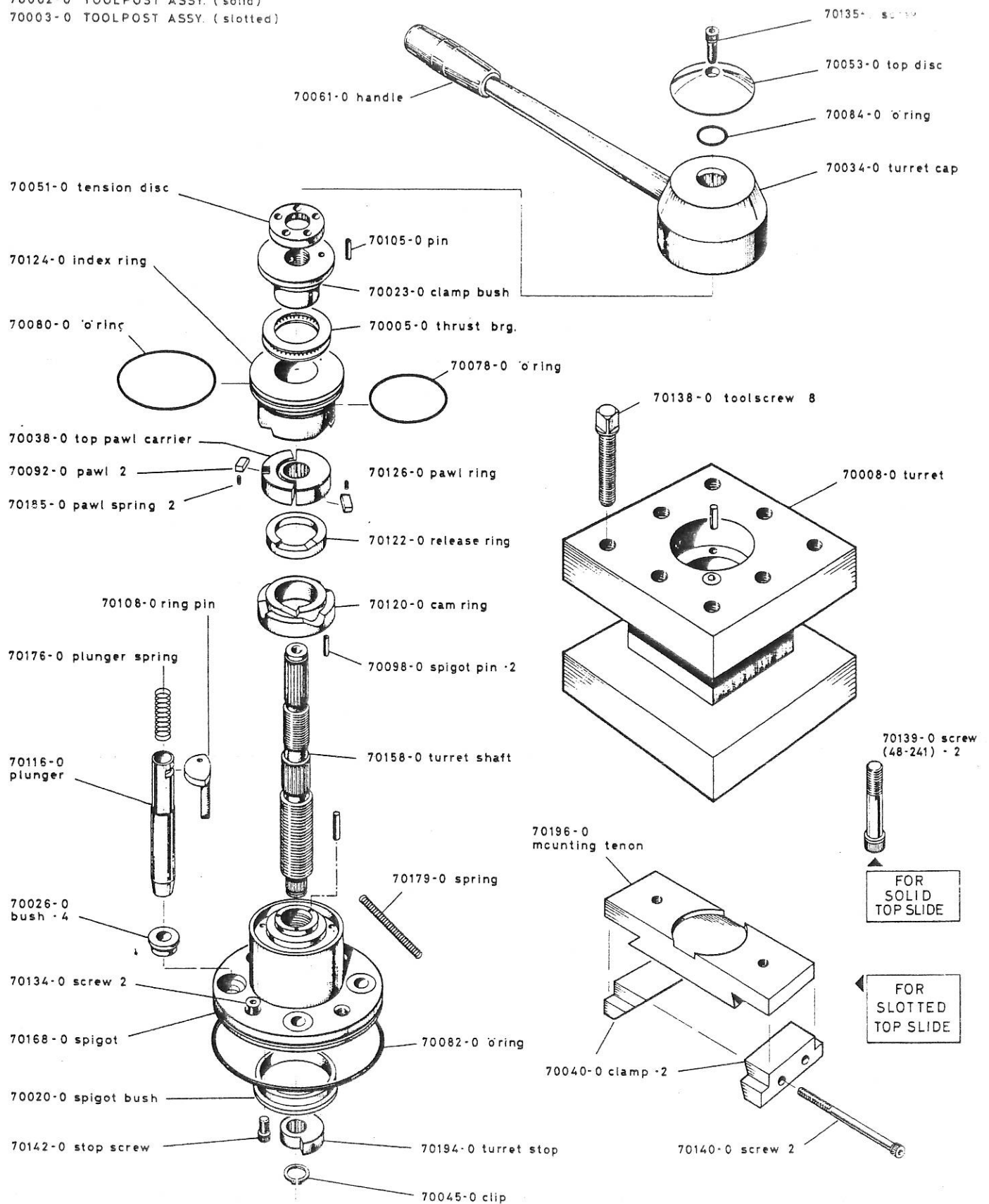
FROM SER. No 00001
TO SER. No



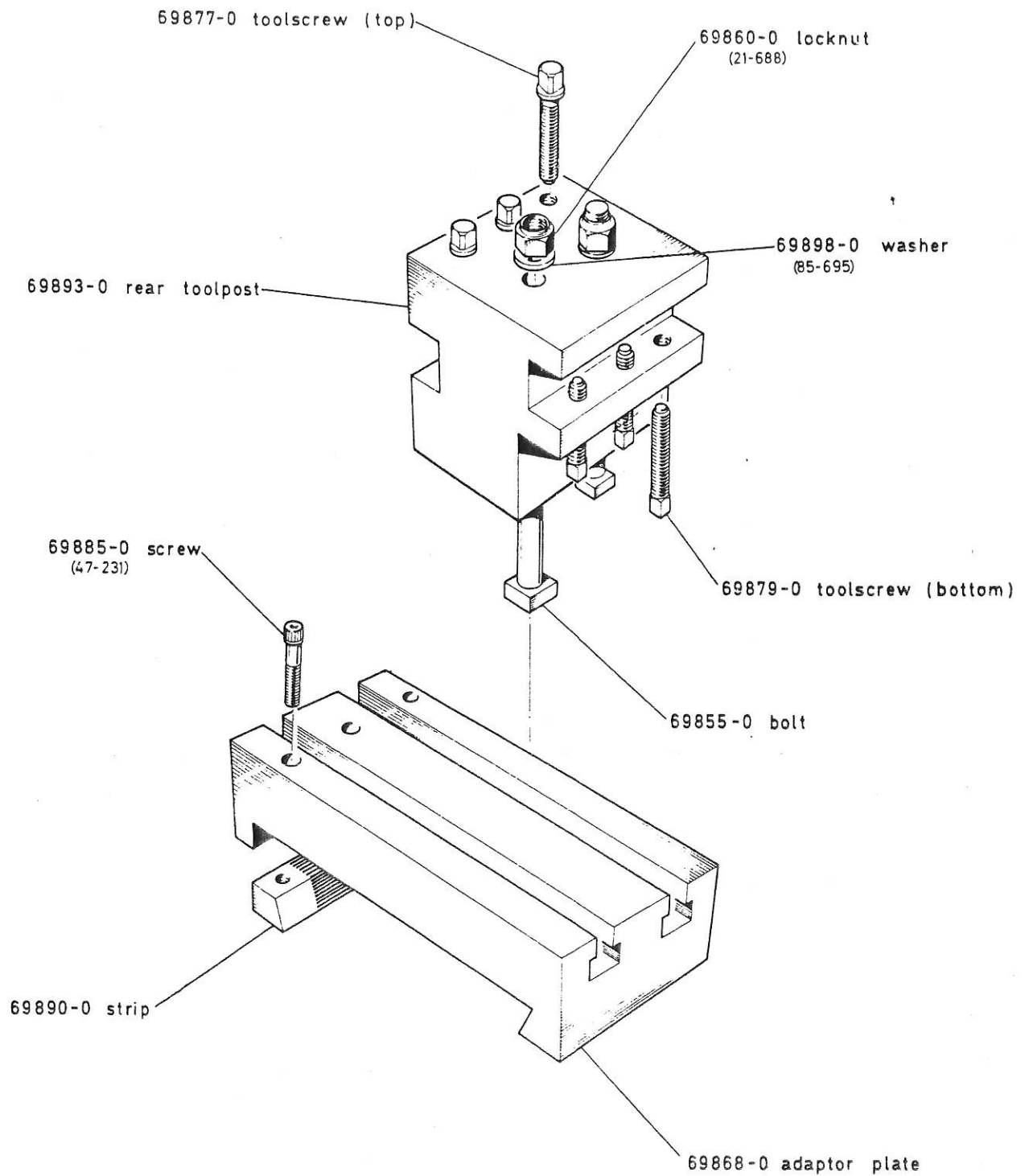
TOOLPOST ; 4 WAY TURRET

FROM SER. No. 00001
TO SER. No...

70002-0 TOOLPOST ASSY. (solid)
70003-0 TOOLPOST ASSY. (slotted)



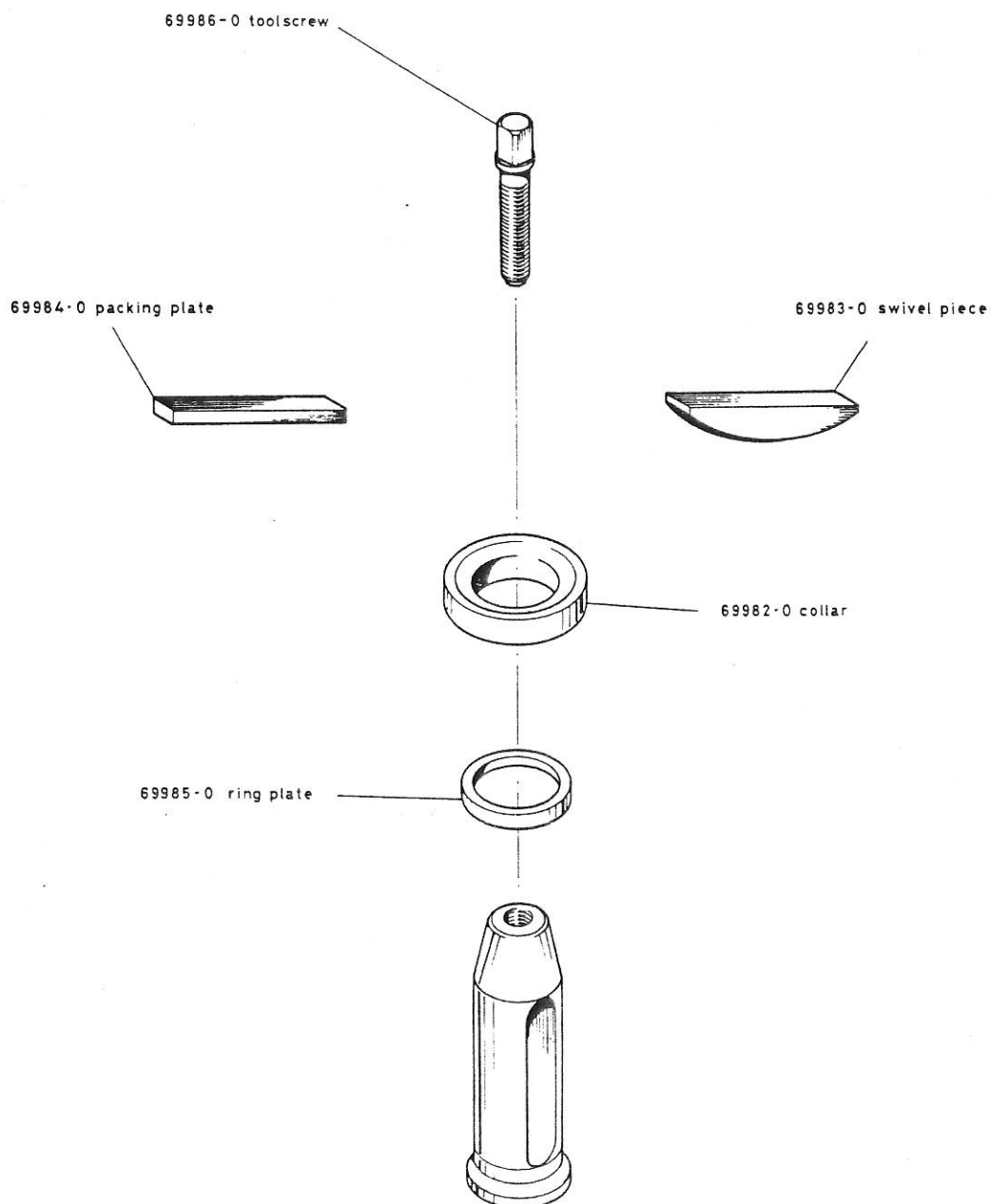
Rear Toolpost Assy. 69850-0



PILLAR TOOLPOST

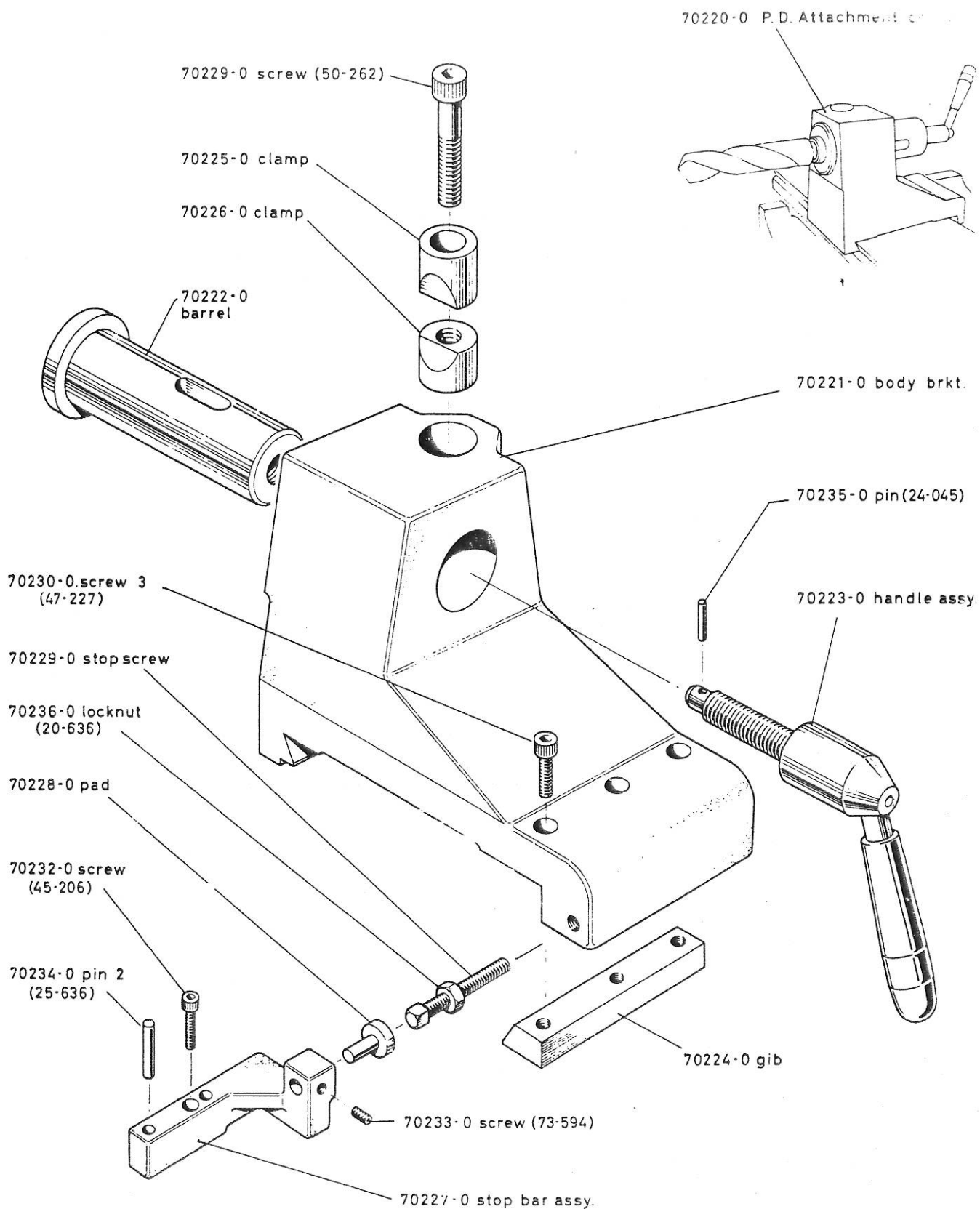
FROM SER.No. 00001
TO SER.No.

69980-0 TOOLPOST COMPLETE



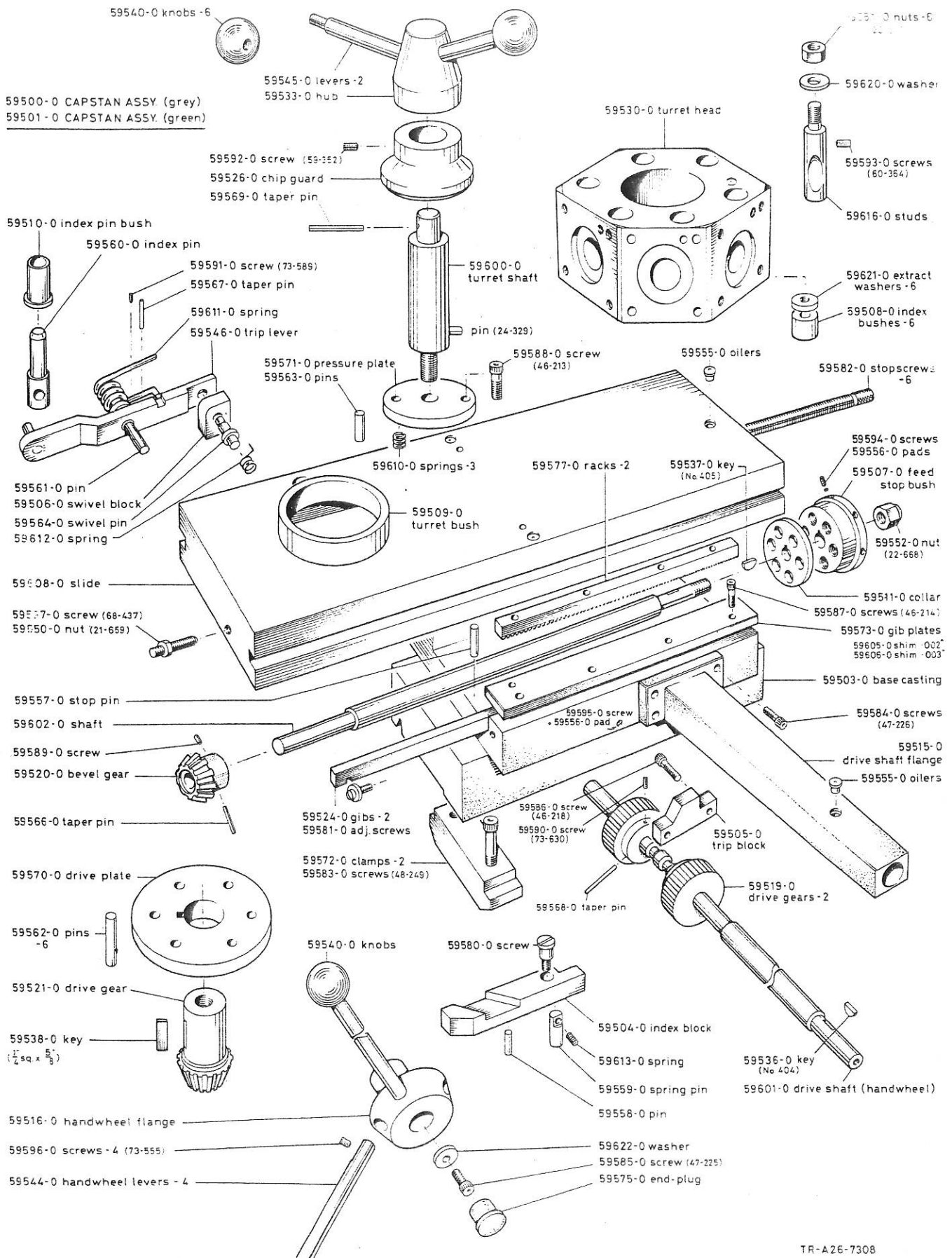
69987-0 pillar toolholder

(for Armstrong 2S & T2S toolholders)



CAPSTAN UNIT

FROM SER No 00001
TO SER No



TR-A26-7308

Spare Parts List - Appendix 1

SPECIFICATIONS OF STANDARD ITEMS - TRIUMPH 2000 and CLAUSING 15"

Reference Number

01-788	Ball steel 1/4 in. dia.
01-790	Ball steel 3/8 in. dia.
01-794	Ball steel 7/32- in. dia.
02-884	Bearing FAG 6206
02-886	Bearing FAG 160-05
02-894	Bearing FAG 160-03
02-895	Bearing FAG 6204
02-897	Bearing FAG 6004 2Z
02-898	Bearing FAG 6006
02-899	Bearing-FAG 6007
02-900	Bearing FAG 6301 2Z
02-910	Bearing FAG 6003
03-898	Bearing Needle INA SC 188
03-918	Bearing Needle HK 3020
03-933	Bearing Gamet 133075/133130 P
03-943	Bearing FAG 6005
03-944	Bearing INA BK 2538
03-945	Bearing INA HK 2518 RS
03-946	Bearing Gamet 160098X/160152XC
04-891	Bearing Thrust INA AXK 1528
04-892	Bearing Thrust INA AXK 2035
04-903	Bearing Thrust INA AXK 3047
04-904	Bearing Thrust FAG 51104
07-930	Belts Vee A31
07-931	Belts Vee A32
07-972	Belts Vee A72
07-973	Belts Vee a74
08-013	Bolt Hex head 1/2 UNC x 1.1/4 in.
08-016	Bolt Hex head 1/2 UNC x 2 in.
08-017	Bolt Hex head 5/8 UNC x 3.1/2 in.
08-032	Bolt Hex head 1/4 unc x 5/8 in.
08-048	Bolt Hex head 5/16 UNC x 3/4 in.

Reference Number

08-112 Bolt Hex head 5/8 UNC x 1.1/4 in.
08-170 Bolt Hex head 7/16 UNC x 1.1/2 in.
08-171 Bolt Hex head 5/16 UNC x 1/2 in.

10-016 Bush Glacier MB 1825 DU
10-017 Bush Glacier MB 3030 DU
10-018 Bush Glacier MB 1215 DU
10-019 Bush Glacier MB 3020
10-020 Bush Glacier MB 2525
10-021 Bush Glacier MB 2215
10-022 Bush Oilite BS2 x 1.1/2 in.
10-023 Bush Glacier MB 2025
10-025 Bush Glacier 22 DU 16
10-027 Bush Oilite CT 474 x 1/2 in.
10-028 Bush Glacier MB 2015 DU
10-986 Bush Glacier MB 1515 DU

11-731 Circlip external 3/8 in. Anderton 1400
11-732 Circlip external 1.1/4 in. Anderton 1400
11-736 Circlip external 1/2 in. Anderton 1400
11-739 Circlip external 1.3/8 in. Anderton 1400
11-743 Circlip external 5/8 in. Anderton 1400
11-745 Circlip external 3/4 in. Anderton 1400
11-746 Circlip external 1.1/2 in. Anderton 1400
11-749 Circlip external 7/8 in. Anderton 1400
11-751 Circlip external 15/16 in. Anderton 1400
11-754 Circlip external 1.1/8 in. Anderton 1400
11-759 Circlip external 1.5/8 in. Anderton 1400
11-776 Circlip external 5/8 in. Anderton 1500 E 485
11-777 Circlip external 3/4 in. Anderton 1500 E 580
11-778 Circlip external 5/16 in. Anderton 1500 E 250
11-788 Circlip external 3.3/8 in. Anderton 1400
11-791 Circlip external 3.9/16 in. Anderton 1400
11-848 Circlip external 3/16 in. Anderton 1400
11-855 Circlip external 7/16 in. Anderton 1500 E 343
11-860 Circlip external 25 mm. Anderton 1400
11-864 Circlip external 18 mm. Anderton 1400
11-865 Circlip external 30 mm. Anderton 1400
11-866 Circlip external 17 mm. Anderton 1400
11-869 Circlip external 12 mm. Anderton 1400

12-836 Circlip internal 47 mm. Anderton 1300
12-837 Circlip internal 42 mm. Anderton 1300
12-838 Circlip internal 55 mm. Anderton 1300
12-839 Circlip internal 62 mm. Anderton 1300
12-840 Circlip internal 37 mm. Anderton 1300.

Reference Number

13-797 Circlip 3/8 in. Anderton 1900
13-798 Circlip Anderton 900-106
13-799 Circlip 5/16 in. SL Narromore & Tozier
13-802 Circlip Anderton 1000 - 15

14-144 Spring dowel 3/16 dia. x 1.1/4 in.
14-604 Spring dowel 3/16 dia. x 1/2 in.
14-605 Spring dowel 3/16 dia. x 3/4 in.
14-629 Spring dowel 1/8 dia. x 7/8 in.
14-649 Spring dowel 3/16 dia. x 5/8 in.
14-664 Spring dowel 1/4 dia. x 3/4 in.

17-001 Key Woodruff No. 3 BS 404
17-002 Key Woodruff No. 9 BS 606
17-006 Key 1/4 x 1/4 x 1 long. Feather
17-017 Key Woodruff Letter 'A' BS 807
17-023 Key 3/16 x 3/16 x 1.3/4 Plain
17-034 Key 3/16 x 3/16 x 5/8 long BS 46
17-037 Key 3/16 x 3/16 x 3/4 long BS 46
17-039 Key Woodruff BS 505
17-040 Key 1/8 x 1/8 x 3/4 long Round end. BS 46
17-041 Key 3/4 O/D x 3/16 thk BS 46 No. 606
17-042 Key Woodruff BS 46 404
17-043 Key Woodruff BS 46 303

18-847 Knob Bluemel type D 119

20-624 Nut 1/2 UNC standard
20-626 Nut 5/8 UNC standard
20-635 Nut 1/4 unc thin
20-636 Nut 5/16 unc thin

21-655 Locknut 3/4 UNF Nyloc
21-659 Locknut 5/16 UNC standard
21-660 Locknut 3/8 UNC Simmonds Aero
21-662 Locknut 1/2 UNC Standard Nyloc NT/N1166
21-665 Locknut 5/8 UNC standard NP/N206
21-678 Locknut 5/8 UNC thin Armaloc A-5 CAPZ
21-680 Locknut 3/8 UNC thin Philidas JUCJ
21-685 Locknut 5/8 UNC thin 'T' NT/N206
21-688 Locknut 1/2 unc Simmonds
21-689 Locknut 5/8 UNC Philidas c/w Plastic cap Type QUCN
21-690 Locknut 1/2 UNC Simmonds NT/N162
21-691 Locknut 1/4 UNC Armaloc A-4 CAPZ
21-692 Locknut 3/8 UNC Armaloc A-6 CAPZ

Reference Number

22-668 Nut 3/8 UNC Nyloc
22-702 nut 7/16 BSF L/H

23-124 1/4 dia. Springwell oiler

24-045 Mills pin 1/8 dia. x 11/16 GP3
24-329 Mills pin 1/4 dia. x 1 in. GP4
24-542 Mills pin 3/16 dia. x 3/4 GP3
24-544 Mills pin 3/16 dia. x 1 GP3
24-560 Mills pin 1/4 dia. x 3/4 GP4
24-589 Mills pin 3/8 dia. x 1.1/2 GP3
24-765 Mills pin 11/32 dia. x 1.1/2 GP1

25-602 Dowel 3/8 x 1.1/8 in.
25-616 Split pin 1/8 x 1/2 in.
25-617 Split pin 3/16 x 1/2 in.
25-620 Roll pin 5/32 x 1.1/2 in.
25-622 Roll pin 1/8 x 1/2 in.
25-623 Dowel 3/8 x 1.3/4 in. Grade 3
25-626 Roll pin 1/4 x 1.3/4 in.
25-627 Roll pin 3/16 x 1.1/4 in.
25-636 Dowel 1/4 x 1/4 in. (precision)

26-862 Oil-ring Pioneer PO/13711213
26-931 Oil-ring Dowty No. 20
26-947 Oil-ring Dowty No 4

27-182 Oil-ring Dowty list 5 MK10pp49c
27-866 Oil-ring Dowty list 5 MK12pp49c
27-870 Oil-ring Dowty list 5 MK6pp49c
27-871 Oil-ring Dowty list 1 MK7pp51c
27-879 Oil-ring Dowty list 1 MK6pp51c
27-883 Oil-ring Pioneer 6-017/MP 908
27-885 Oil-ring Dowty list 4 MK15pp73c
27-888 Oil-ring Dowty list 5 MK29pp49c
27-889 Oil-ring Dowty list 5 MK28pp49c
27-890 Oil-ring Dowty list 5 MK4pp49c
27-891 Oil-ring Dowty list 4 MK24pp73c
27-893 Oil-ring Dowty list 5 MK8pp49c
27-895 Oil-ring Dowty list 3 MK2pp49c

29-031 Tecalemit 90° M & F elbow type 43336/3
29-039 Tubing sleeve ENOTS Z2
29-044 Plug 1/2 BSP Tecalemit 4377/4
29-046 Oil pipe Gripflex, Surlon No. NF40
29-051 Elbow 1 in. BS 1740

Reference Number

54-310 Countersunk screw 1/4 unc x 3/4 in.
54-312 Countersunk screw 1/4 unc x 1 in.

58-345 Cup-point screw 10-24 t.p.i. x 3/8 in.

59-350 Cup-point screw 1/4 unc x 1/4 in.
59-352 Cup-point screw 1/4 unc x 3/8 in.
59-354 Cup-point screw 1/4 unc x 1/2 in.
59-356 Cup-point screw 1/4 unc x 3/4 in.
59-357 Cup-point screw 1/4 unc x 1 in.

60-361 Cup-point screw 5/16 unc x 5/16 in.
60-362 Cup-point screw 5/16 unc x 3/8 in.
60-364 Cup-point screw 5/16 unc x 1/2 in.

61-370 Cup-point screw 3/8 unc x 3/8 in.
61-371 Cup-point screw 3/8 unc x 1/2 in.

62-379 Cup-point screw 7/16 unc x 1/2 in.

67-417 Dog screw 1/4 unc x 1/4 in.

68-429 Dog screw 5/16 unc x 3/8 in.
68-431 Dog screw 5/16 unc x 1/2 in.
68-437 Dog screw 5/16 unc x 1.1/2 in.

70-445 Dog screw 1/2 unc x 1/2 in.

73-106 Domed head screw 10-24 unc x 3/4 in.
73-143 Domed head screw 1/4 unc x 3/8 in.
73-486 Cheese head screw 2 BA x 1/2 in.
73-525 Cone point socket set screw Wedglok 1/2 unc x 1 in. x 90°
73-533 Full dog socket set screw 3/8 unc x 1/2 in.
73-554 Cup point socket set screw Wedglok 5/16 unc x 3/8 in.
73-555 Cone point screw 1/4 unc x 5/16 in.
73-570 Cap head screw Wedglok 5/16 unc x 1.1/4 in.
73-571 Cap head screw 1/4 unc x 3.1/2 in.
73-572 Hex socket cone point Wedglok 10-24 u.n.c x 5/16 in.
73-573 Hex head screw 5/16 unc x 1.1/2 in.
73-574 Socket set screw Wedglok 1/2 unc x 3/4 in.
73-575 Cap hd. screw Wedglok 10-24 unc x 1/2 in.

Reference Number

73-576 Hex socket cap head Wedglok 1/4 unc x 3/4 in.
73-579 Hex socket button head screw 1/4 unc x 1/2 in.
73-582 Domed head cadium plated screw 10-24 unc x 1/2 in.
73-587 Knurled cup point socket set screw 7/16 unc x 1/2 in.
73-588 Hex head screw 5/16 unc x 3/4 in.
73-589 Cup point set screw 1/4 unc x 1/4 in.
73-591 Self tapping screw NPK type Z No. 6 1/4 in.
73-594 Cone point screw 10-24 unc x 1/4 in.
73-596 Slotted cheese head screw 4 mm. Dia x 8 mm
73-599 Round head screw 10-24 unc x 3/8 in.
73-600 Round head screw No. 8-32 unc x 1/2 in.
73-601 Half dog socket set screw 4 BA x 3/16 in.
73-602 Socket countersunk screw No. 6 unc x 1/2 in.
73-604 Half dog screw 6 BA x 1/8 in.
73-627 Cup-point screw 3/8 unc x 1 in.
73-628 Oval point screw 3/8 unc x 1/4 in.
73-629 Cap- head screw 1/4 unc x 1 in. (Wedglok)
73-630 Cup point screw 10-24 unc x 1/4 in.
73-656 Domed head screw 10-24 unc x 1/2 in.

79-895 Oil seal Burtonwood TR31/M40-62-10/PA
79-896 Oil seal Burtonwood M35-50-10
79-897 Oil seal Burtonwood M12-28-8
79-898 Oil seal INA G30 x 4 x 4

80-872 Oilsight, Tecalemit IC 4611

81-151 Open end spanner 15/16 A/F X 3/4 A/F
81-156 Allen Key 3/8 A/F
81-157 Allen Key 5/16 A/F
81-158 Allen Key 7/32 A/F
81-159 Allen Key 3/16 A/F
81-160 Allen Key 5/32 A/F
81-161 Allen Key 1/8 A/F
81-165 Ring spanner 1/2 x 3/4 A/F
81-167 Allen Key 1/4 A/F
81-168 Standard spanner 1.5/16 x 15/16 A/F
81-169 Standard spanner 9/16 x 7/16 A/F

82-105 Spring Flexo 82504
82-796 Spring Flexo 82804
82-809 Spring Flexo 243608
82-830 Spring Flexo 123306
82-842 Spring Flexo 82905
82-850 Spring Flexo 83104
82-860 Spring Flexo 123204
82-862 Schnorr disc spring type K 16-34 x 22.5 x 0.8 mm.

Reference Number

82-864 Spring Flexo AM 3220
82-865 Spring Flexo 92814
82-868 Spring Flexo 72804
82-874 Spring Flexo 122908

84-703 Lock washer 5/16 dia. bore single coil
84-704 Lock washer 3/8 dia. bore single coil
84-719 Lock washer 3/4 dia. bore double coil

85-690 Washer 3/16 dia. bore
85-692 Washer 5/16 dia. bore
85-693 Washer 3/8 dia. bore
85-695 Washer 1/2 I/D x 1 O/D x .092
85-720 Washer 2 BA standard plain
85-729 Washer 1/2 standard light gauge
85-734 Washer 1/2 I/D x 1 O/D x 13 SWG
85-735 Washer 1/4 dia. bore
85-737 Washer 5/8 I/D x 1.1/4 O/D x 15 SWG
85-738 Washer 3/8 I/D x 3/4 O/D x 15 SWG
85-739 Washer 5/8 I/D x 1.1/4 O/D x 11 SWG
85-740 Washer 3/4 ID x 1.1/2 O/D x 15 SWG
85-741 Washer 5/8 I/D x 1.3/8 O/D x 11 SWG

86-119 Washer Fan disc 1/2 I/D
86-743 Washer INA thrust AS 1528
86-744 Washer INA thrust GS 1528
86-750 Washer INA thrust AS 2035
86-752 Washer crinkle T. Haddon type DP/10008A
86-756 Washer fibre 5/8 O/D x 5/16 I/D x 1/16
86-760 Washer fibre 1.1/16 I/D x 1.3/8 O/D x 1/16
86-761 Washer thrust AS 3047
86-762 Washer 5/16 I/D x 5/8 O/D x .040
86-763 Washer Schnorr 8 mm.
86-764 Washer 1/4 I/D X 9/16 O/D x .056
86-765 Washer 3/8 I/D x 7/8 O/D x .048
86-767 Washer Fibre ENOTS 1386 G
86-771 Washer Fibre 1/2 I/D x 3/4 O/D x 1/16
86-772 Washer Fibre 1 1/D x 1.3/8 O/D x 1/16
86-773 Washer 7/16 I/D x 7/8 O/D x .092
86-774 Tab washer for 5/16 UNC screw SP 107
86-791 Washer Fibre 1/4 I/D x 1/2 O/D x 1/16
86-792 Fan disc washer 1/4 I/D

87-827 Thread insert 1185-8 x ID
87-831 Thread insert 1191-18 x 1D

Reference Number

88-059 Terry's hose clip 1234
88-063 Sealing plug Robert Moss A46
88-080 Sealing plug Robert Moss A48
88-082 Hose clip Terry's No. 087-5
88-091 Gripflex suroflex braided P.V.C. hose 1/2 I/D x .850 O/D

For electrical equipment refer to wiring diagram