

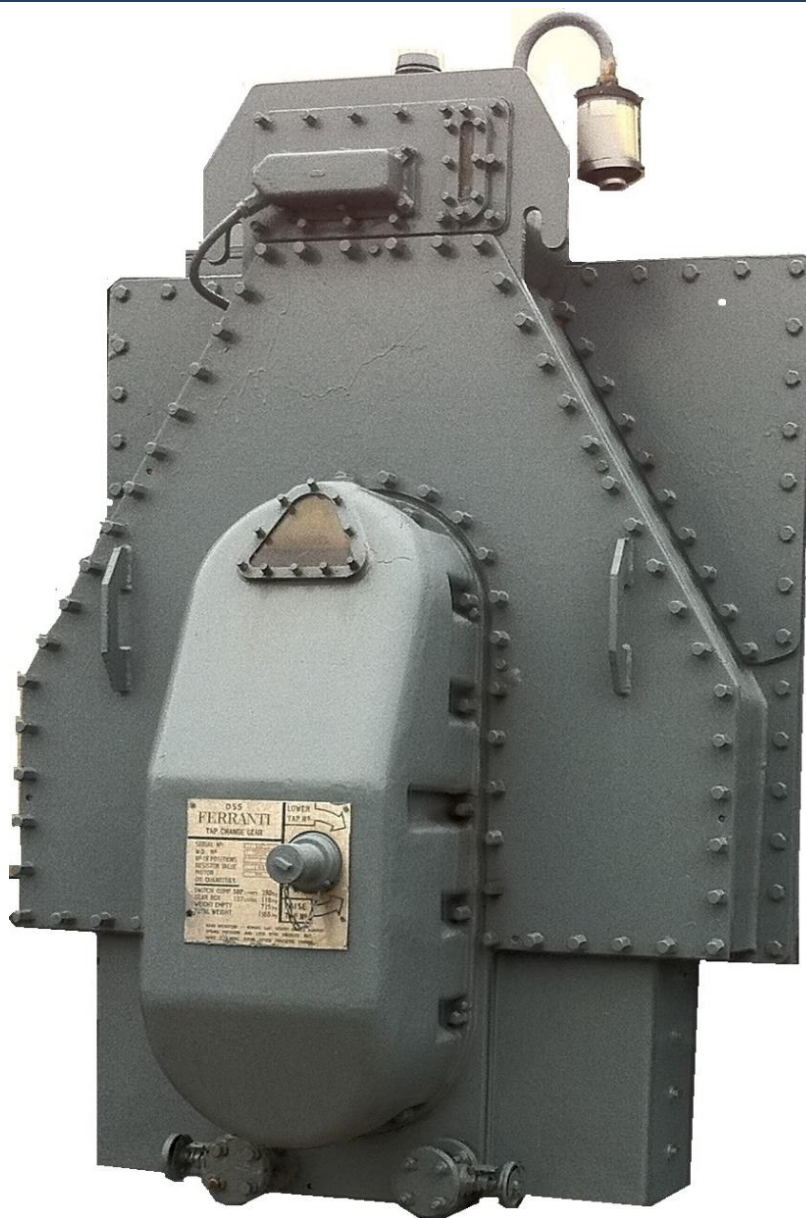


FERRANTI

TAPCHANGERS

MAINTENANCE PARTS MANUAL ON LOAD TAPCHANGING EQUIPMENT

DS5



UNITS 8/9
SOUTHLINK BUSINESS PARK
HAMILTON STREET
OLDHAM
UNITED KINGDOM

TEL: ++44 (0) 161 652 2800
EMAIL: sales@ferrantitapchangers.com
WEBSITE: www.ferrantitapchangers.com

ISSUE 3 (APRIL 2024)

DS5 TAPCHANGER GENERAL VIEW

ITEM 1

TOP TERMINAL COVER GASKET
TC-202630002

ITEM 2

TOP OIL LEVEL SIGHT GASKET
TC-224068003

ITEM 3

TOP OIL LEVEL SIGHT WINDOW
TC-224068002

ITEM 4

**OIL SURGE /LOW LEVEL
TERMINAL COVER GASKET**
TC-209053

WITH OPTIONAL OIL SURGE / LOW OIL LEVEL RELAY FITTED.

ITEM 5

AIR RELEASE VALVE TC-202050

ITEM 7

**TOP OIL LEVEL
SIGHT GASKET**
TC-202630001

ITEM 6

TOP OIL LEVEL SIGHT WINDOW
TC-202628

ITEM 8

**GEARBOX OIL
SIGHT WINDOW**
TC-202643

ITEM 9

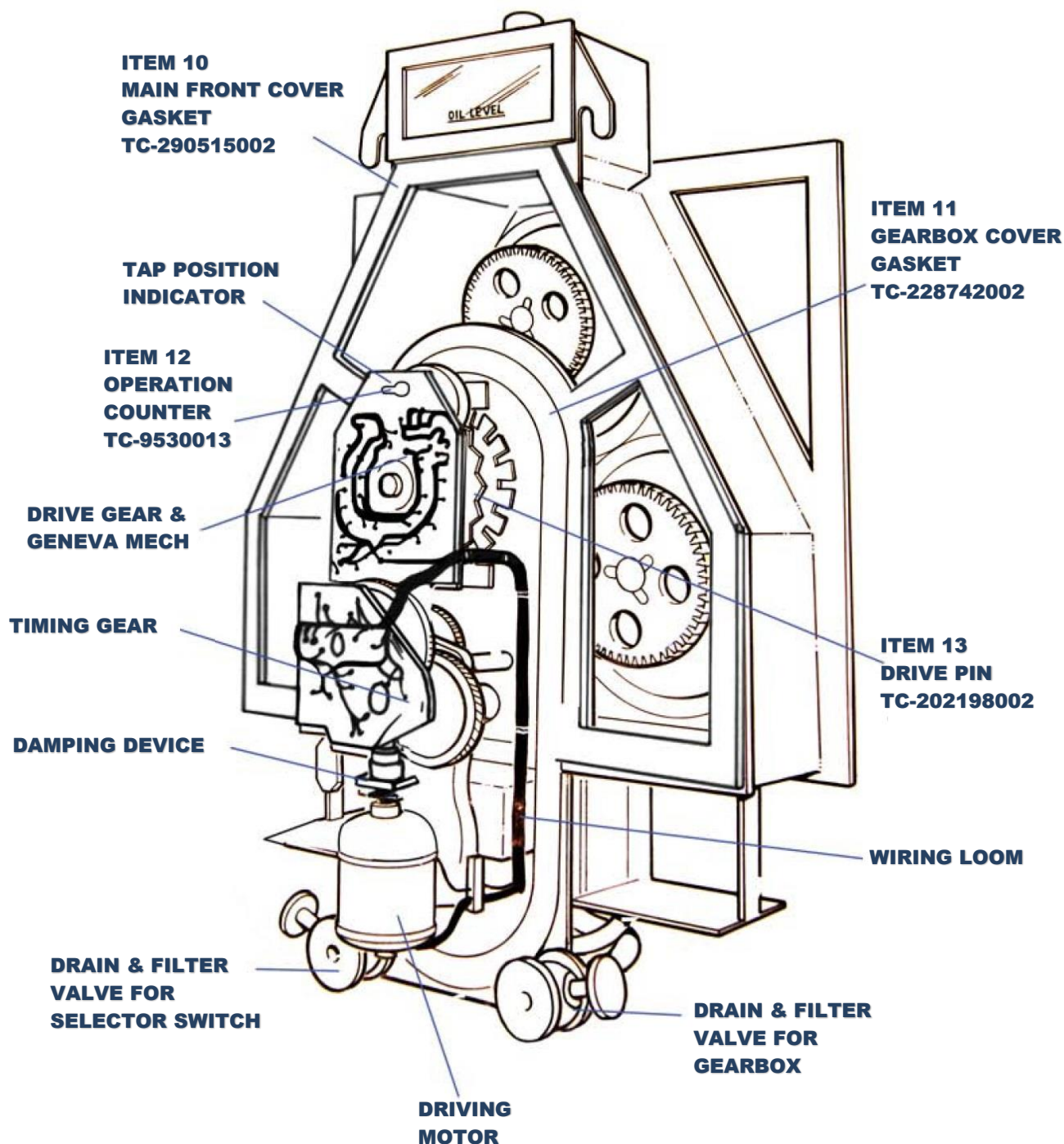
**GEARBOX OIL
SIGHT GASKET**
TC-202645

**SWITCH
COMPARTMENT
(DIVERTER/
SELECTOR)**

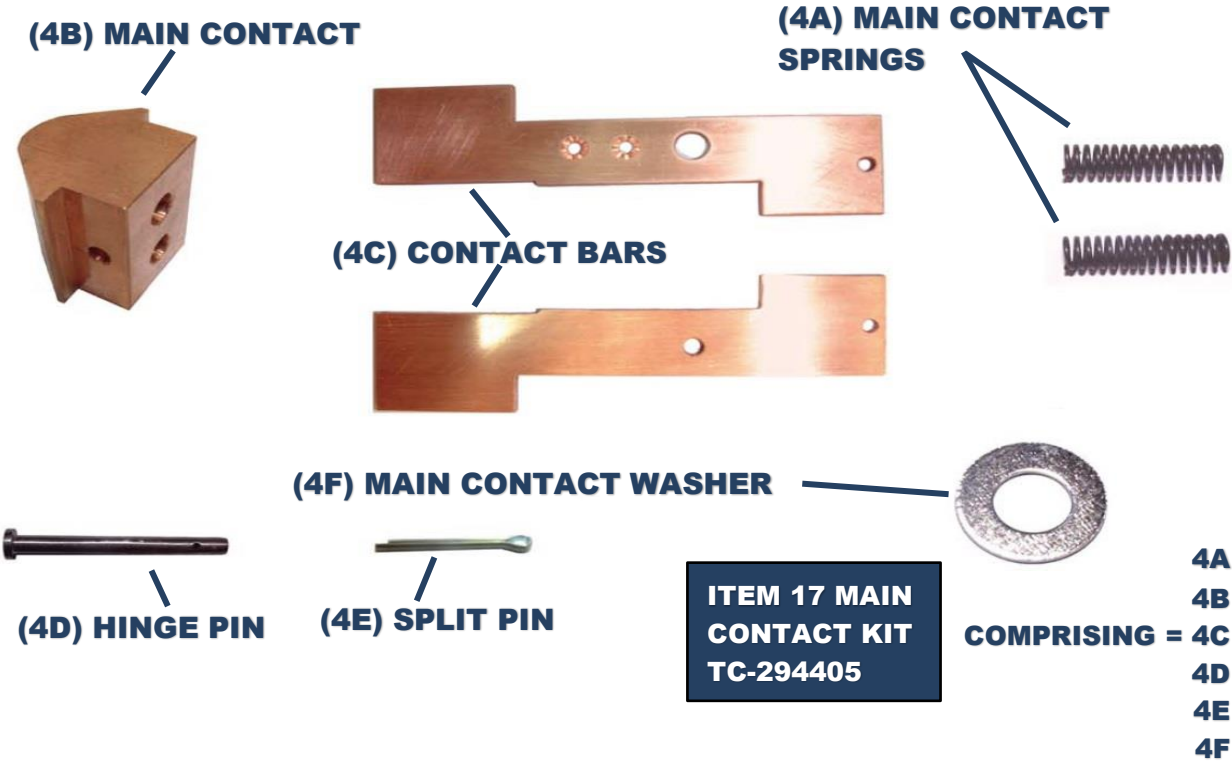
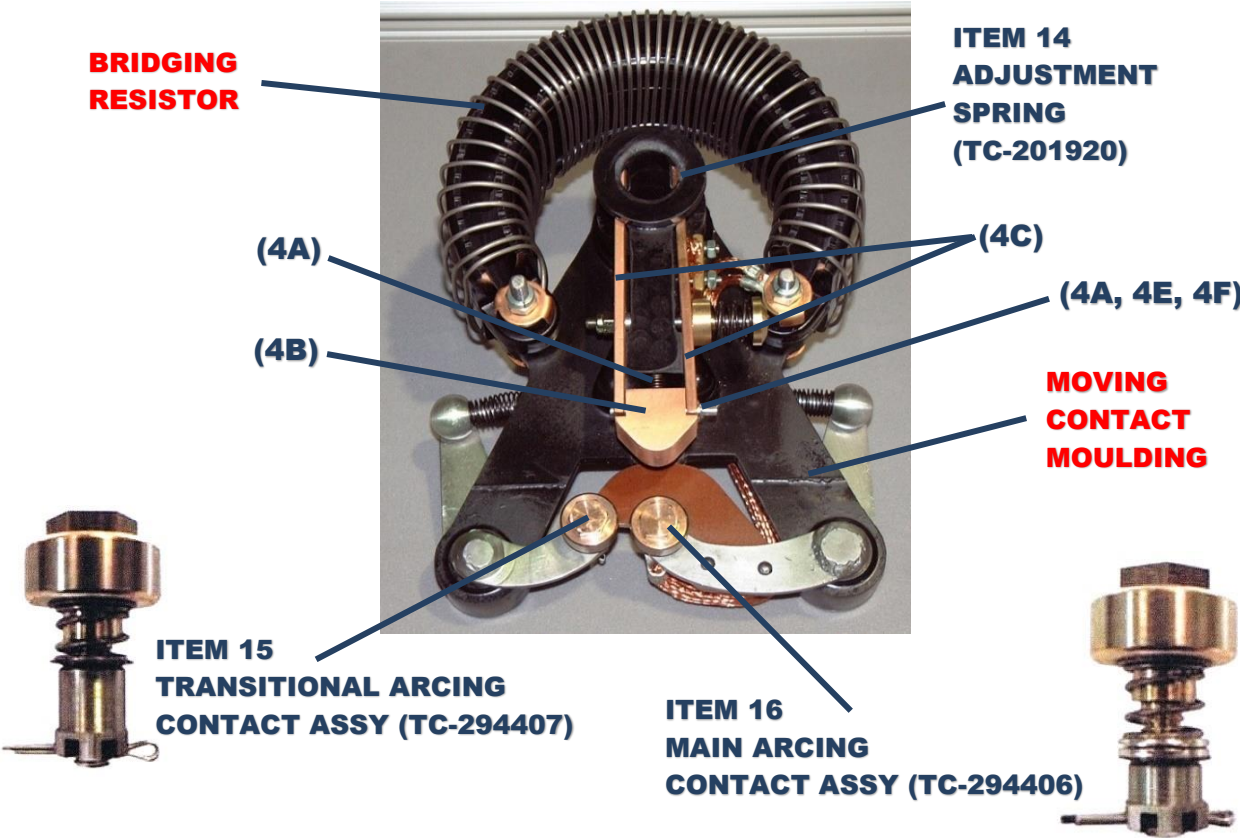
**DRIVING MOTOR
AND TIMING
GEAR
COMPARTMENT**

**HAND OPERATION
SCREWED CAP**

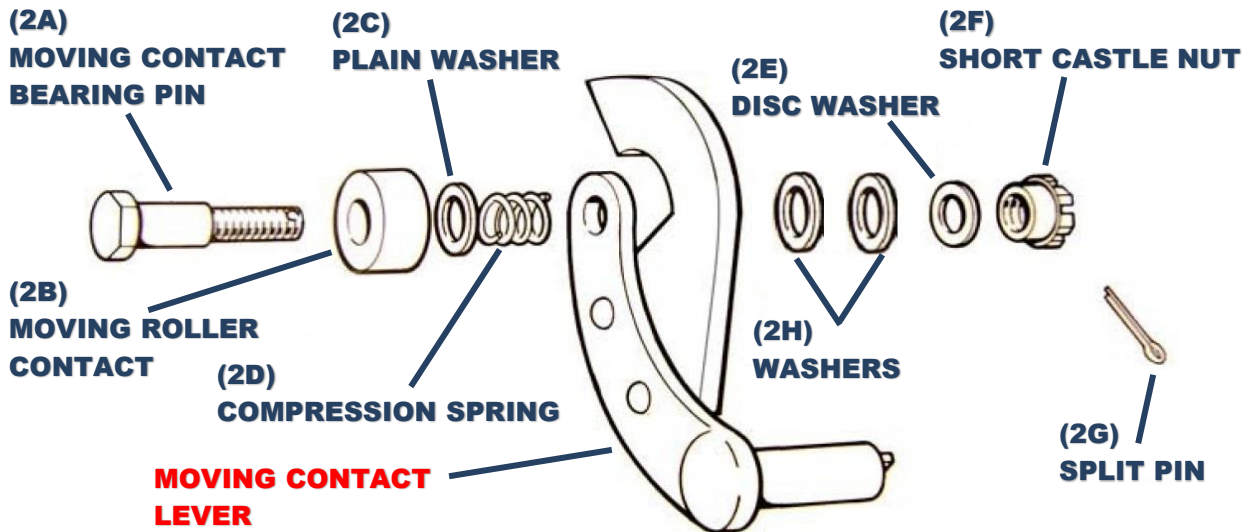
GENERAL VIEW OF DS5 TAPCHANGER WITH COVERS REMOVED



DS5 MOVING CONTACT ARM COMPONENTS AND ASSEMBLY



EXPLODED VIEW OF DS5 MAIN ARCING CONTACT

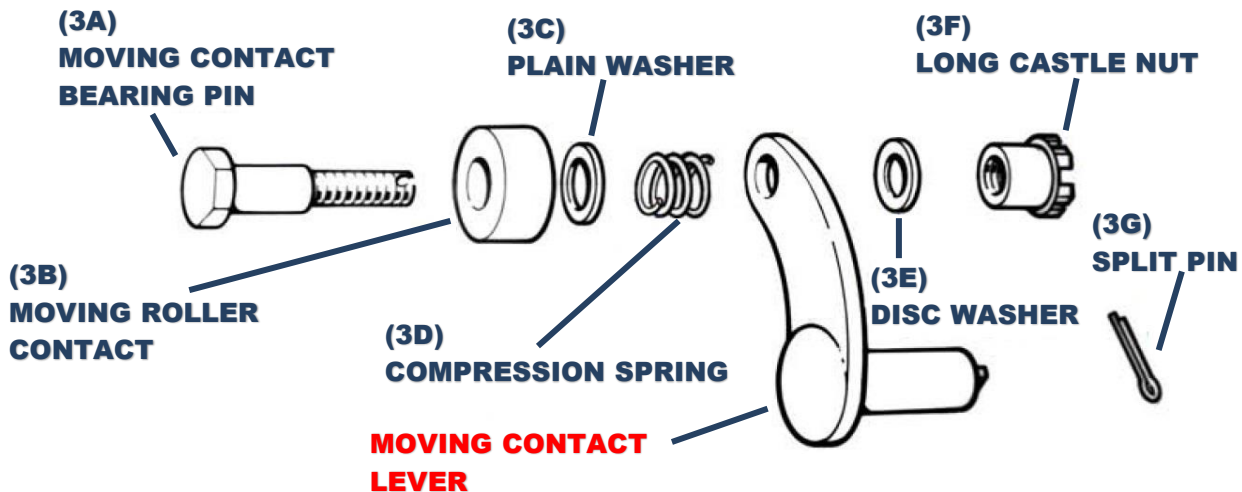


ITEM 16
ROLLER
CONTACT KIT
SHORT NUT
TC-294407

COMPRISING

2A MOVING CONTACT BEARING PIN
2B MOVING ROLLER CONTACT
2C PLAIN WASHER
2D COMPRESSION SPRING
2E DISC WASHER
2F SHORT CASTLE NUT
2G SPLIT PIN
2H WASHERS

EXPLODED VIEW OF DS5 TRANSITIONAL ARCING CONTACT



ITEM 15
ROLLER
CONTACT KIT
LONG NUT
TC-294406

COMPRISING

3A MOVING CONTACT BEARING PIN
3B MOVING ROLLER CONTACT
3C PLAIN WASHER
3D COMPRESSION SPRING
3E DISC WASHER
3F LONG CASTLE NUT
3G SPLIT PIN

EXPLODED VIEW OF A DS5 FIXED CONTACT

(1A)
FIXED CONTACT
BEARING PIN

ITEM 18
FIXED CONTACT KIT
TC-294408

COMPRISING

1A
1B
1C
1D
1E
1F
1G

(1B) CONTACT
WASHER

(1C) COMPRESSION
SPRING

(1D) PLAIN
WASHER

(1E)
FIXED ROLLER
CONTACT

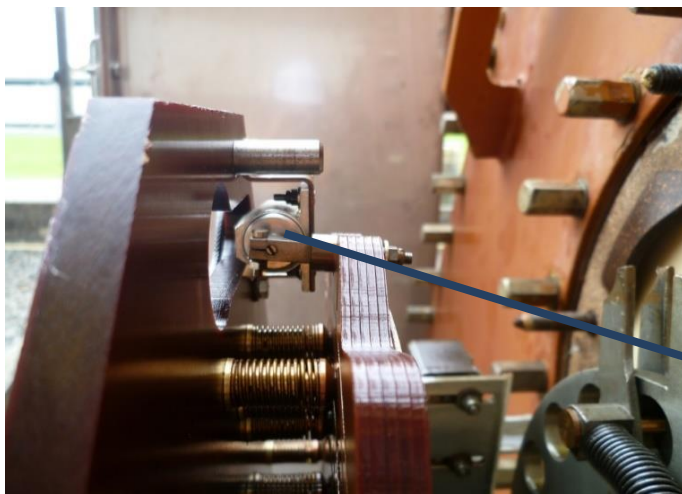
(1F)
LOCK WASHER

(1G)
SCREW

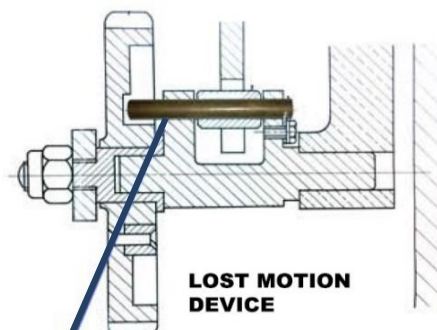
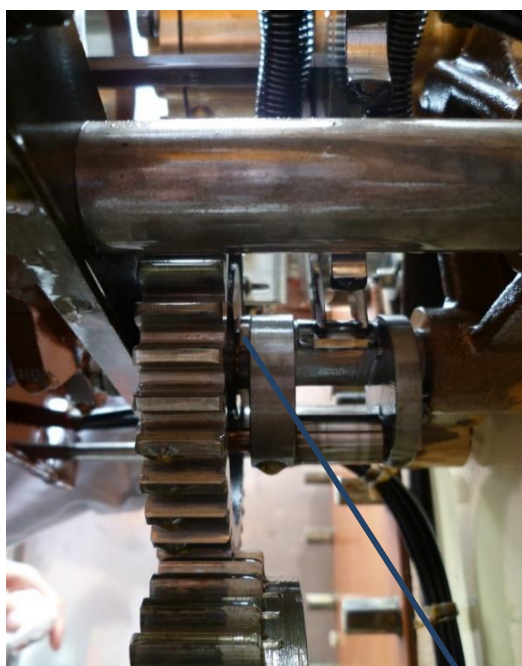
FIXED CONTACT



VIEW OF DS5 SELECTOR SWITCH DRIVE GEAR BEARING AND GENEVA



**ITEM 12
COUNTER ASSY 5 - FIGURE
TC-9530013**



**ITEM 13
DRIVE
BEARING PIN
TC-202198002**



ISSUE 3 (APRIL 2024)

DS5 Tapchanger Maintenance Parts

Re-order Form

On Completion of the Tapchanger maintenance why not replace the parts used from the kit? In the form below, simply enter the parts utilized during the service and email to sales@ferrantitapchangers.com where we will be happy to offer our quotation to replenish the maintenance kit, ready for the next service.

Or speak to us about our Maintenance Kit Management service. For more information call - 0161 652 2800

Item	Part Number	Description	Kit Qty	Qty Used	UOM
1	TC-294406	Moving Contact Assembly - Short Nut	3		Each
2	TC-294407	Moving Contact Assembly - Long Nut	3		Each
3	TC-294408	Fixed Contact Kit	51		Each
4	TC-202050	Valve - Air Release	1		Each
5	TC-202643	Window - Gearbox Oil Level Sight	1		Each
6	TC-202645	Gasket - Gearbox Oil Level Sight Window	2		Each
7	TC-294405	Main Contact Kit	3		Each
8	TC-224068002	Window - Top Oil Level Surge Sight	1		Each
9	TC-224068003	Gasket - Top Oil Level Surge Sight	2		Each
10	TC-202630002	Gasket - Top Oil Level Surge Cover	1		Each
11	TC-209053	Gasket - Top Oil Surge Terminal Cover	1		Each
12	TC-290515002	Gasket - Main Front Cover	1		Each
13	TC-228742002	Gasket - Gearbox Cover	1		Each
14	TC-9530013	Counter Assembly - 5 Figure	1		Each
15	TC-202198002	Pin - Drive Bearing	1		Each
16	TC-201920	Spring - Adjustment	3		Each
17	TC-2115000200	Pin - Split Cotter	3		Each
18	TC-202628	Window - Oil Level Sight	1		Each
19	TC-202630001	Gasket - Oil Level Sight Window	2		Each
20	TC-2411024500	Washer - Filler Cap Sealing	1		Each

Enter your contact information below:

Company

Site Address

Contact Name

Contact No

Email Address

Office Use Only

Date Form Returned

Order Reference: