



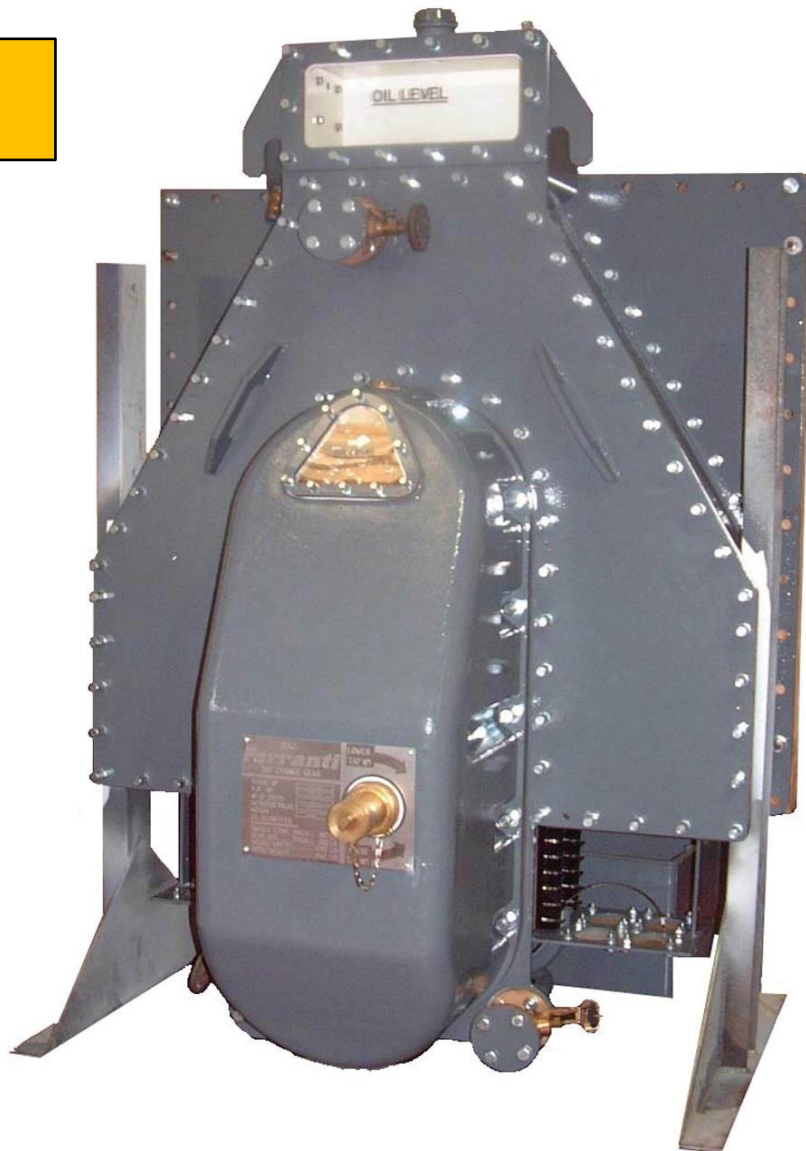
FERRANTI

TAPCHANGERS

MAINTENANCE PARTS MANUAL

ON LOAD TAPCHANGING EQUIPMENT

DS2



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)

DS2 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

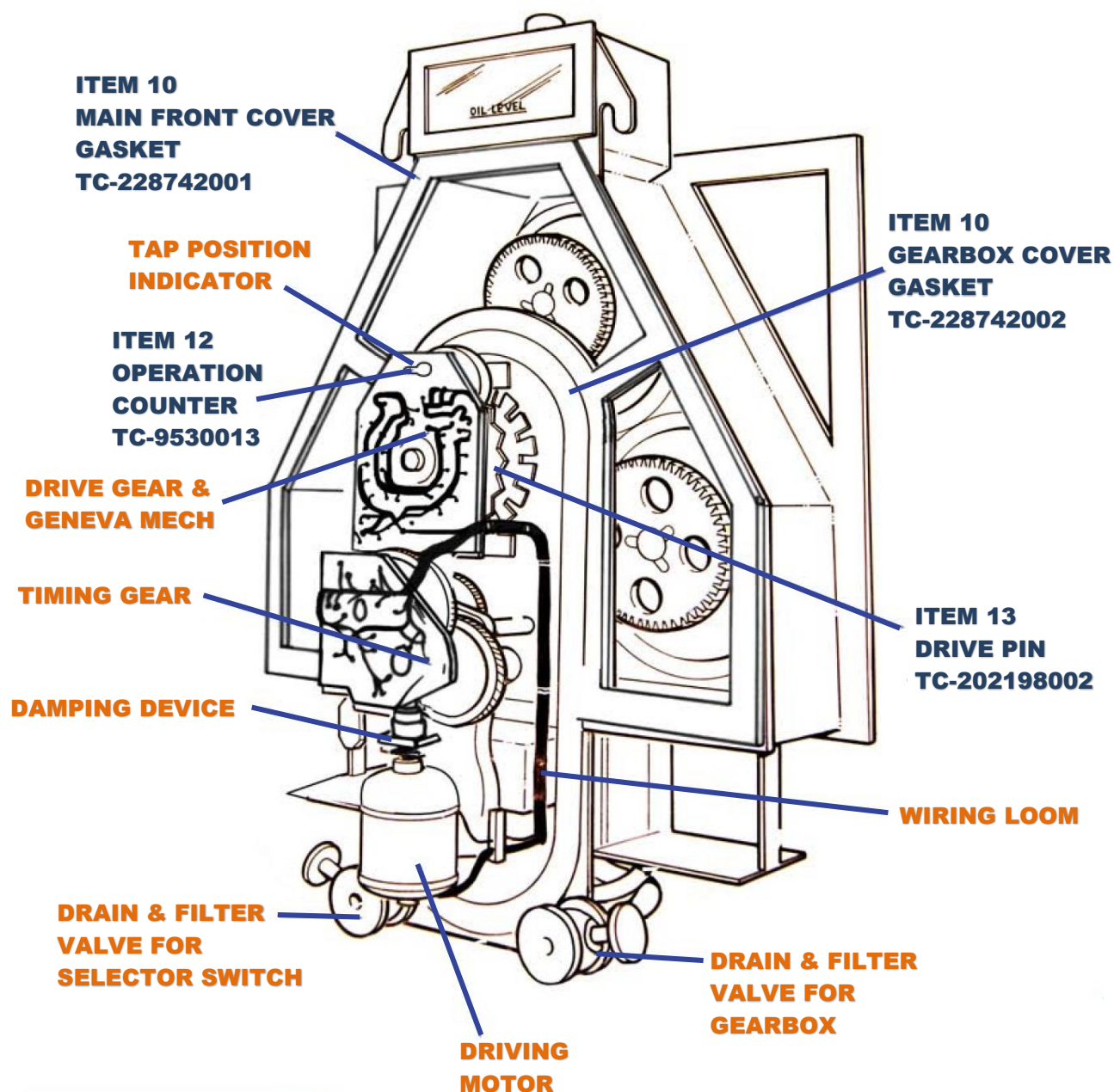
**GEARBOX OIL
SIGHT GASKET
TC-202645**

**SWITCH
COMPARTMENT
(DIVERTER/
SELECTOR)**

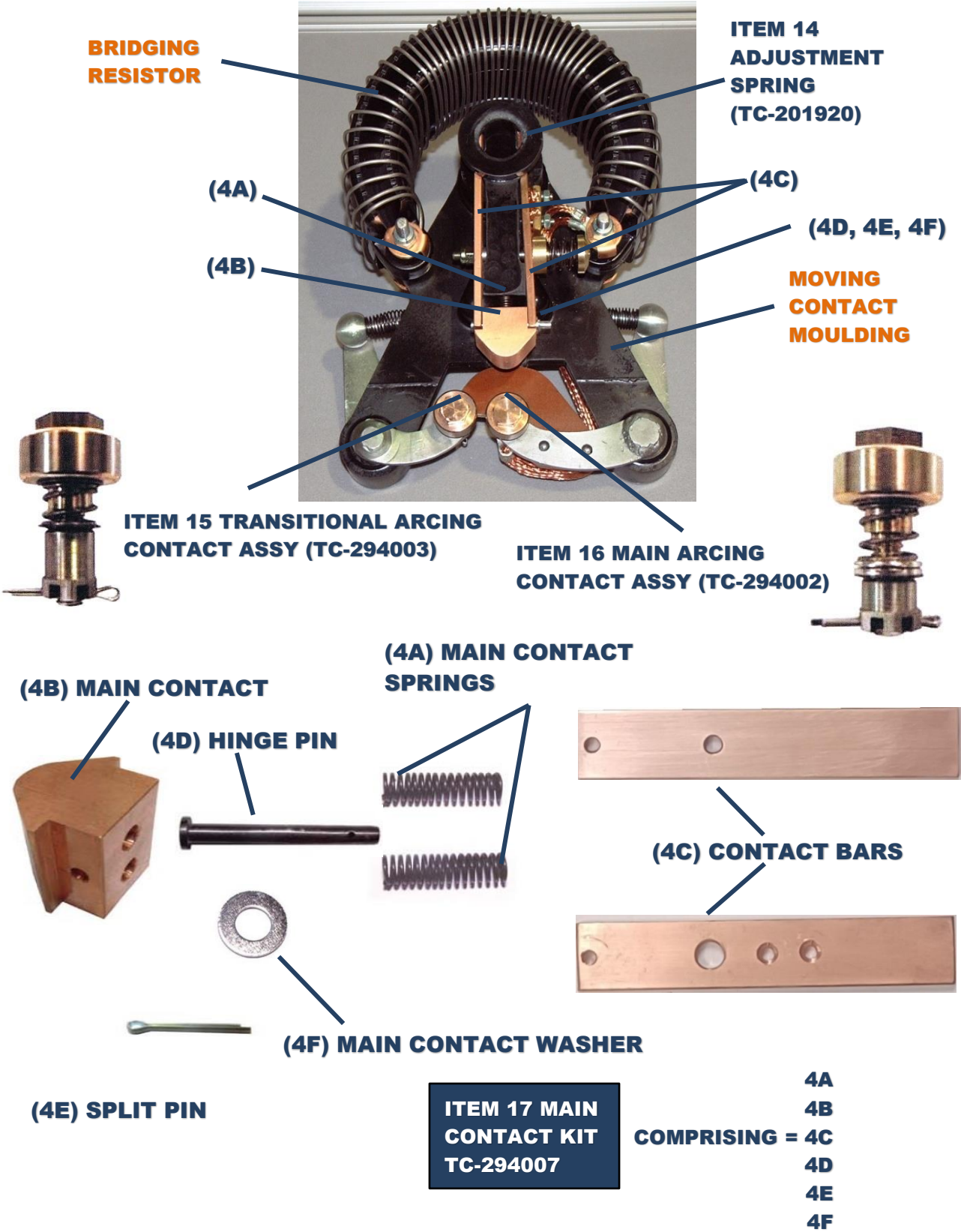
**DRIVING MOTOR
AND TIMING GEAR
COMPARTMENT**

**HAND OPERATION
SCREWED CAP**

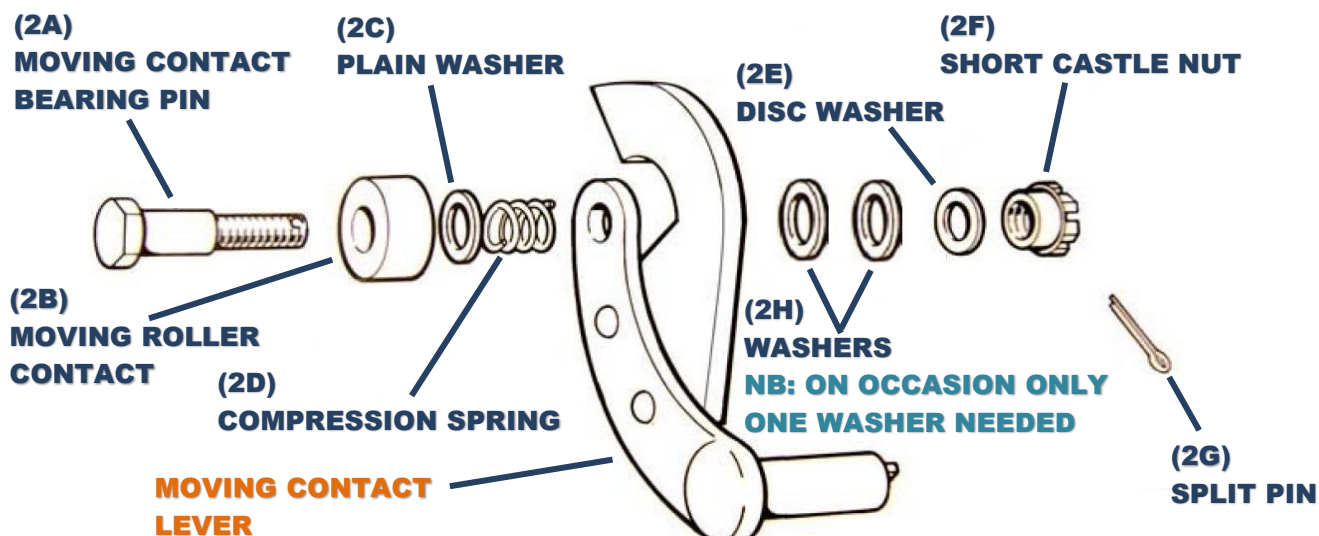
GENERAL VIEW OF DS2 TAPCHANGER WITH COVERS REMOVED



DS2 MOVING CONTACT ARM COMPONENTS AND ASSEMBLY



EXPLODED VIEW OF DS2 MAIN ARCING CONTACT

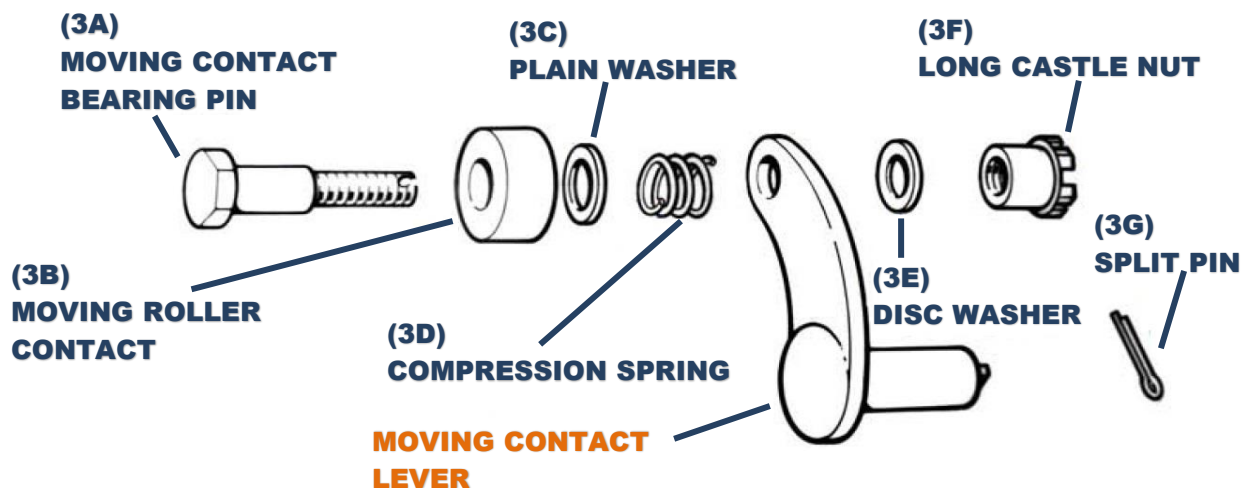


**ITEM 16
ROLLER
CONTACT KIT
SHORT NUT
TC-294002**

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 DS2 TRANSITIONAL ARCING CONTACT



**ITEM 15
ROLLER
CONTACT KIT
LONG NUT
TC-294003**

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 DS2 FIXED CONTACT

(1A)
FIXED CONTACT
BEARING PIN

ITEM 18
FIXED CONTACT KIT
TC-294006

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

(1B) CONTACT
WASHER

(1C) COMPRESSION
SPRING

(1D) PLAIN
WASHER

(1E)
FIXED ROLLER
CONTACT

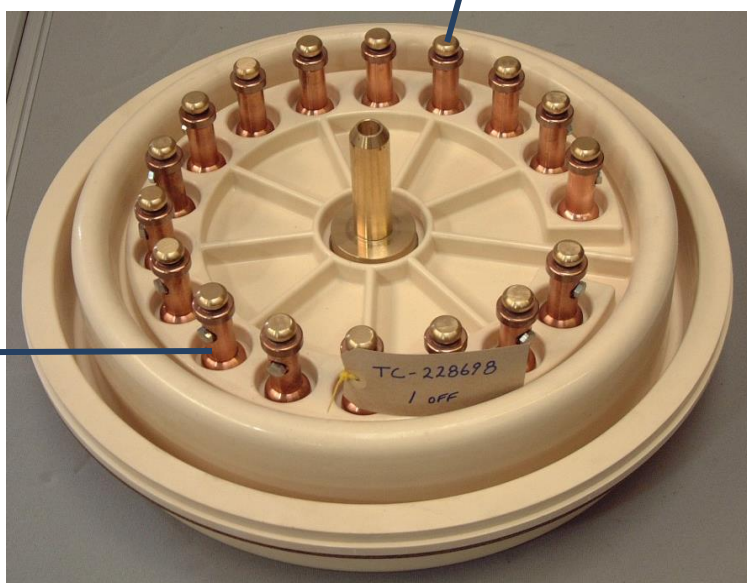
(1F)
LOCK WASHER

(1G)
SCREW

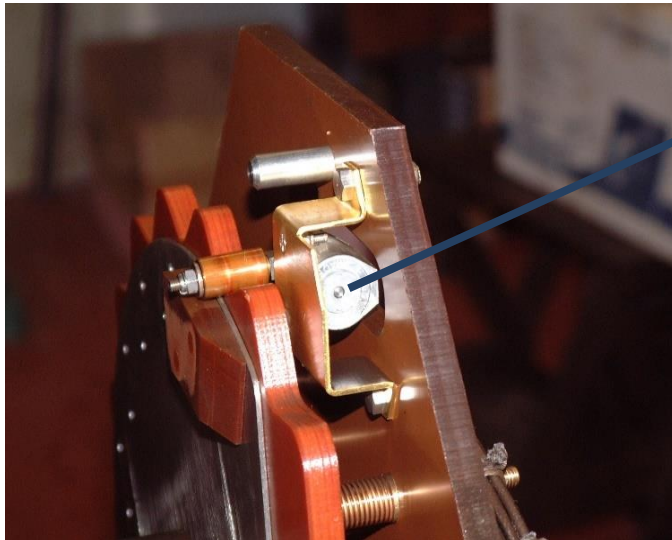
FIXED CONTACT



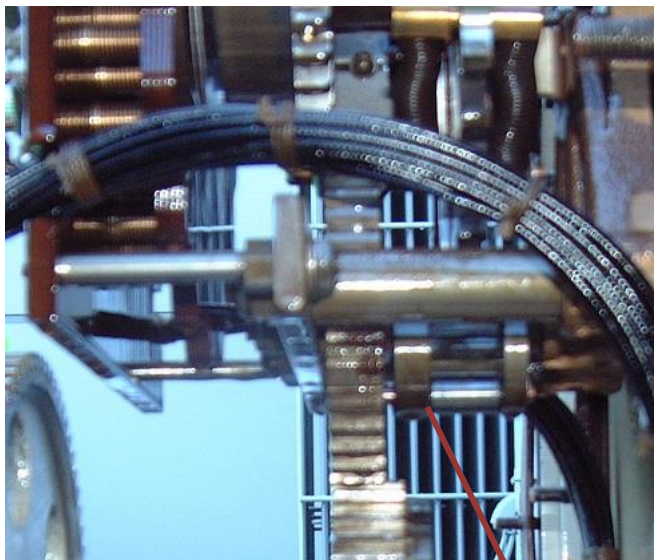
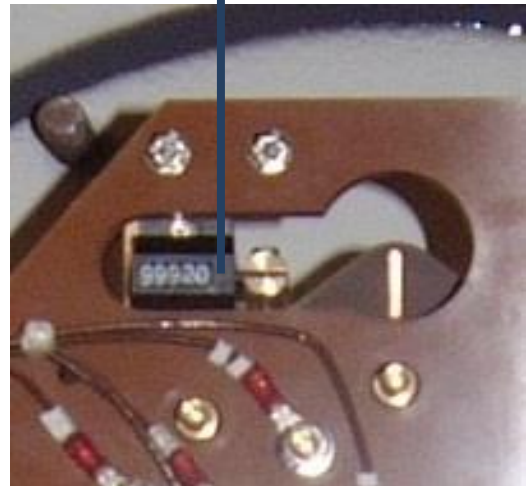
FIXED CONTACT ASSY



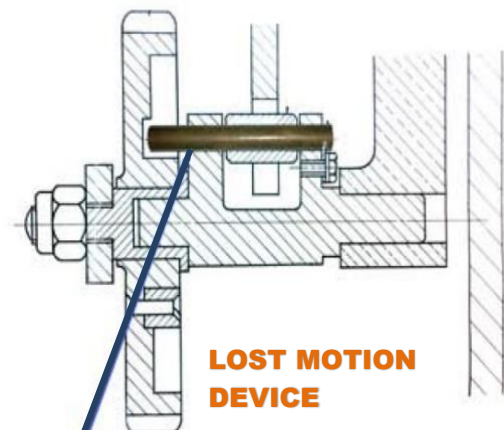
VIEW OF DS2 SELECTOR SWITCH DRIVE GEAR BEARING AND GENEVA



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



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



**LOST MOTION
DEVICE**





ISSUE 3 (APRIL 2024)

DS2 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-294006	Fixed Contact Kit	51		Each
2	TC-294002	Moving Contact Assembly - Short Nut	3		Each
3	TC-294003	Moving Contact Assembly - Long Nut	3		Each
4	TC-294007	Main Contact Kit	3		Each
5	TC-202628	Window - Oil Level Sight	1		Each
6	TC-202630001	Gasket - Oil Level Sight Window	2		Each
7	TC-202643	Window - Gearbox Oil Level Sight	1		Each
8	TC-202645	Gasket - Gearbox Oil Level Sight Window	2		Each
9	TC-228742001	Gasket - Main Front Cover	1		Each
10	TC-228742002	Gasket - Gearbox Cover	1		Each
11	TC-202050	Valve - Air Release	1		Each
12	TC-202198002	Pin - Drive Bearing	1		Each
13	TC-9530013	Counter Assembly - 5 Figure	1		Each
14	TC-201920	Spring - Adjustment	3		Each
15	TC-202630002	Gasket - Top Level Oil Surge	1		Each
16	TC-224068002	Window - Oil Surge Sight	1		Each
17	TC-224068003	Gasket - Oil Surge Sight	2		Each
18	TC-209053	Gasket - Oil Surge Terminal Cover	1		Each
19	TC-2411024500	Washer - Filler Cap	1		Each
					Each

Enter your contact information below:

Company

Site Address

Contact Name

Contact No

Email Address

Office Use Only

Date Form Returned

Order Reference: