

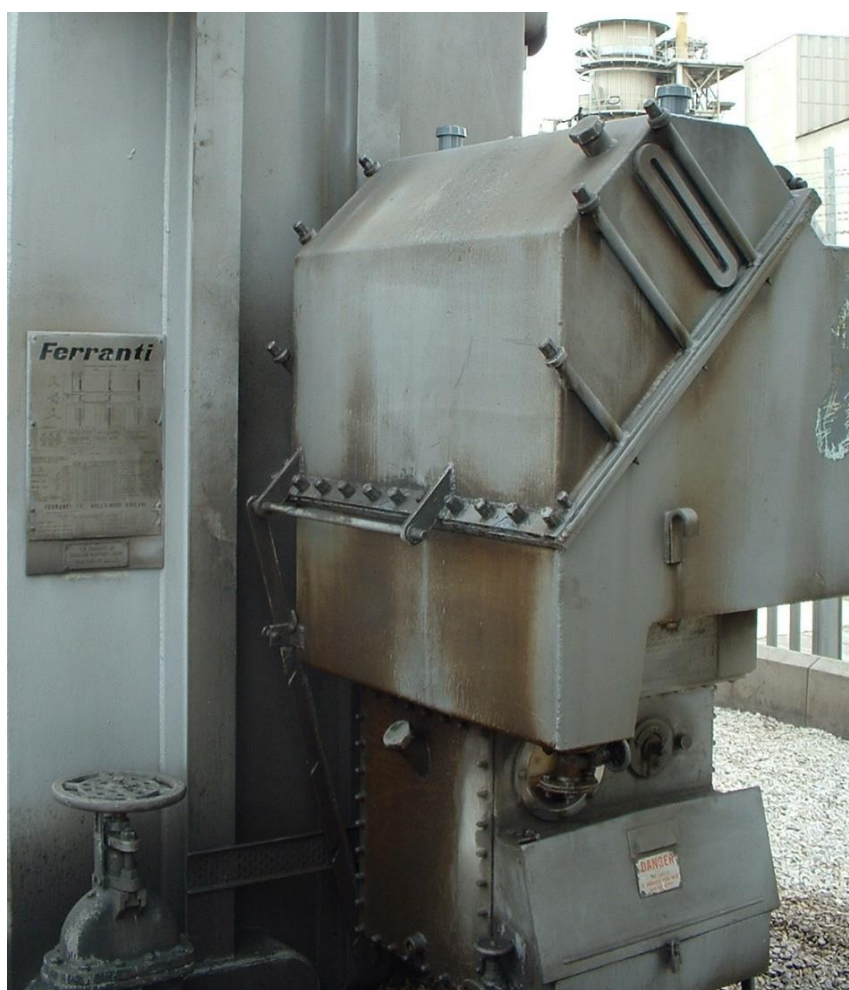


FERRANTI

TAPCHANGERS

MAINTENANCE PARTS MANUAL ON LOAD TAPCHANGING EQUIPMENT

EC4



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

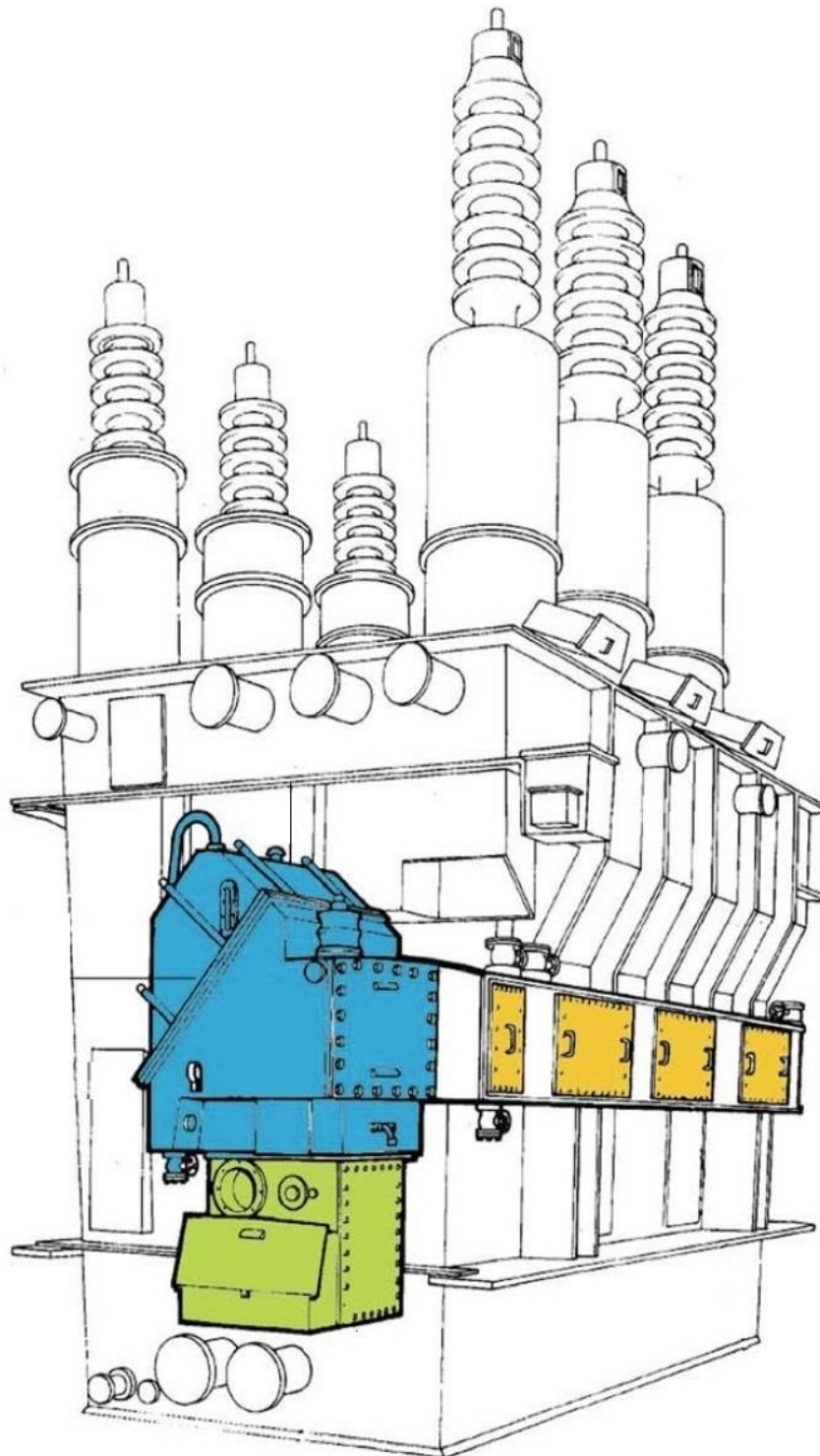
ISSUE 1 SEPT 2024)

BASIC VIEW OF EC4 COMPARTMENTS

Diverter Switch Compartment

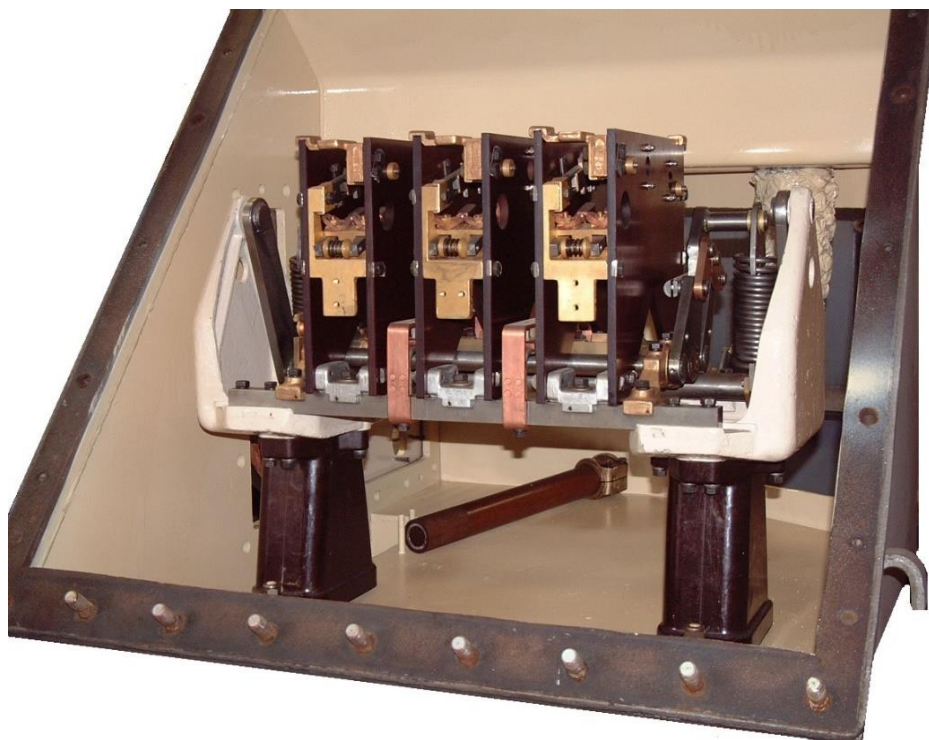
Drive Motor and Timing Gear Compartment

Selector Switch Compartment

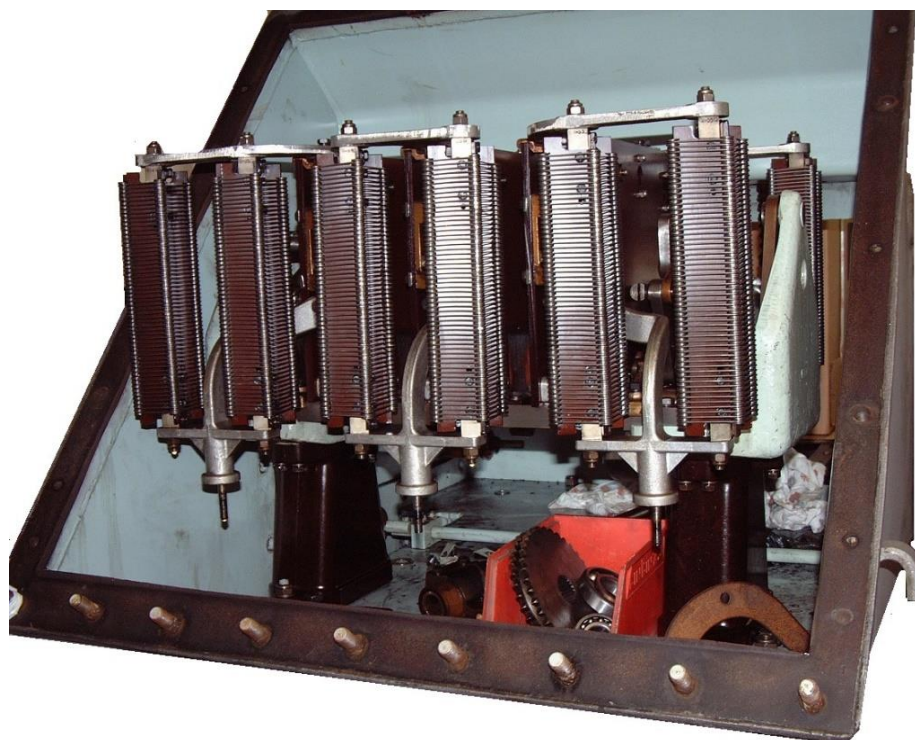


VIEW OF EC4 DIVERTER COMPARTMENT

WITH RESISTOR BANK REMOVED

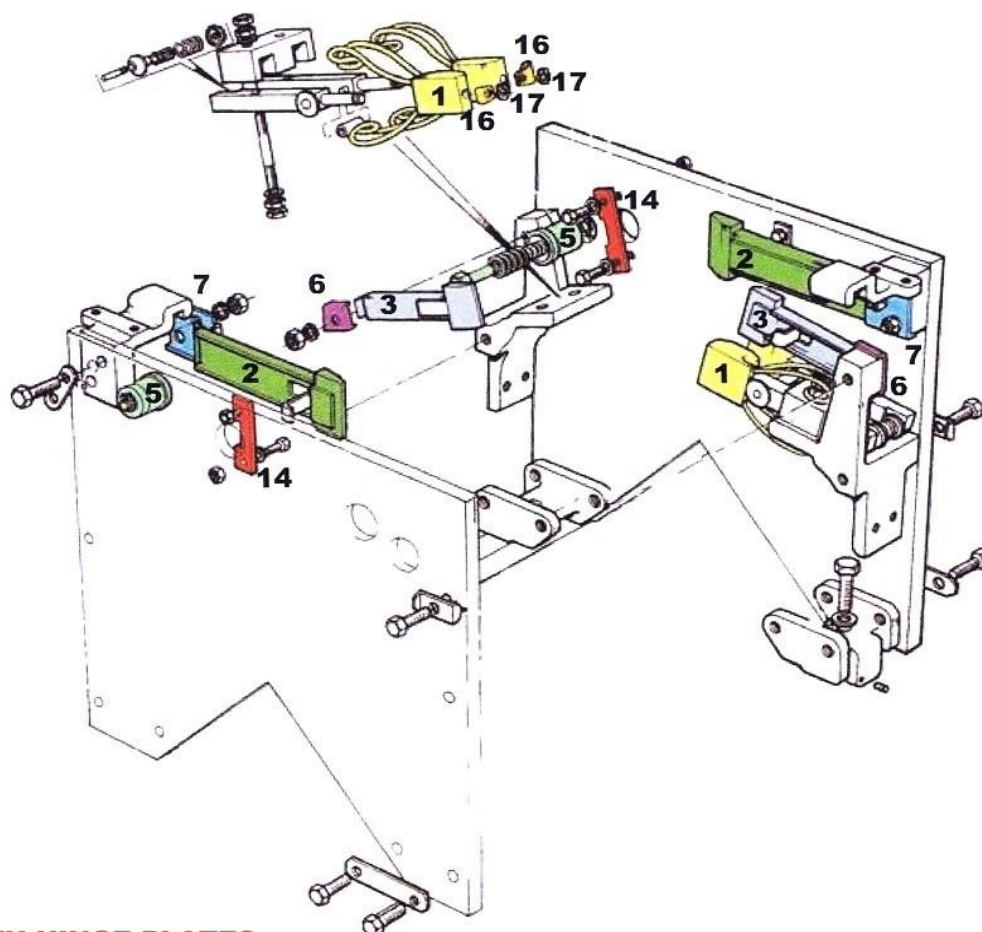


WITH RESISTOR BANK IN SITU



EXPLODED VIEW OF EC4 A SINGLE PHASE OF THE DIVERTER

-  **1 TC-301515 MAIN DIVERTER SWITCH CONTACT**
-  **2 TC-220267 TRANSITIONAL CONTACT (LONG)**
-  **3 TC-220350 - AUXILIARY CONTACT (SHORT)**
-  **5 TC-200734ASY SPRING PLUNGER ASSEMBLY**
-  **6 TC-301512 AUXILIARY CONTACT HINGE PLATE***
-  **7 TC-200179 TRANSITIONAL CONTACT HINGE PLATE***
-  **14 TC-301514001 GUIDE PLATE**
-  **16 TC-302575 SPRING CLIP**
-  **17 TC-2616030100 CIRCLIP**



***USE IN-SITU HINGE PLATES
WHERE POSSIBLE**

EC4 DIVERTER MAIN MOVING CONTACT ASSEMBLY



ITEM 15
CONTACT AND
PAWL KIT
TC-9530093

COMPRISING
A
B
C
D
E

ITEM 18
MOVING CONTACT
ARM KIT
TC-9530176

COMPRISING
F
H
I
J

EC4 DIVERTER MAINTENANCE PARTS

8 TC-202050
AIR RELEASE VALVE



12 TC-350606001
DIVERTER SWITCH
SIGHT WINDOW



TC-350606001
DIVERTER SWITCH
SIGHT GASKET **13**

EC4 DIVERTER MAINTENANCE PARTS

1 TC-301515
MAIN DIVERTER SWITCH
CONTACT



TC-200734ASY **5**
SPRING PLUNGER ASSEMBLY

16 TC-302575
SPRING CLIP



TC-2616030100 **17**
CIRCLIP

EC4 DIVERTER MAINTENANCE PARTS



TC-220350
AUXILIARY CONTACT (Short) **3**

6 **TC-301512**
AUXILIARY HINGE PLATE

**RE-USE INSITU
PLATES WHERE
POSSIBLE**



2 **TC-220267**
TRANSITIONAL CONTACT (Long)



TC-200179
TRANSITIONAL HINGE PLATE **7**

**RE-USE INSITU
PLATES WHERE
POSSIBLE**

EC4 GEARBOX MAINTENANCE PARTS

11

TC-202110
GEARBOX INSPECTION COVER GASKET



TC-220779 10
GEARBOX OIL SIGHT WINDOW



9

TC-202107
GEARBOX OIL SIGHT GASKET



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EC4 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 Mainenance Kit Management service. For more information call - 0161 652 2800

Item	Part Number	Description	Kit Qty	Qty Used	UOM
1	TC-301515	Contact - Main Diverter Switch	12		Each
2	TC-220267	Contact - Transitional (Long)	6		Each
3	TC-220350	Contact - Auxiliary (Short)	6		Each
4	TC-220732	Gasket - Diverter Cover	1		Each
5	TC-200734ASY	Spring Plunger Assy	12		Each
6	TC-301512	Plate - Transitional Contact Hinge	6		Each
7	TC-200179	Plate - Auxiliary Contact Hinge	6		Each
8	TC-202050	Valve - Air Release	2		Each
9	TC-202107	Gasket - Gearbox Oil Sight Glass	2		Each
10	TC-220779	Glass - Gearbox Oil Sight	1		Each
11	TC-202110	Gasket - Gearbox Inspection Cover	1		Each
12	TC-350606001	Window - Diverter Switch Sight	1		Each
13	TC-350606003	Gasket - Diverter Switch Sight Window	2		Each
14	TC-301514001	Plate - Guide	12		Each
15	TC-9530093	Kit - Contact and Pawl	3		Each
16	TC-302575	Clip - Spring	12		Each
17	TC-2616030100	Circlip	12		Each
18	TC-9530176	Moving Contact Arm Kit (Tapered End)	3		Each

Enter your contact information below:

Company

Site Address

Contact Name

Contact No

Email Address

Office Use Only

Date Form Returned

Order Reference: