



FERRANTI

TAPCHANGERS

MAINTENANCE PARTS MANUAL ON LOAD TAPCHANGING EQUIPMENT

DS300

ES300

DS400

ES400

POST 1984

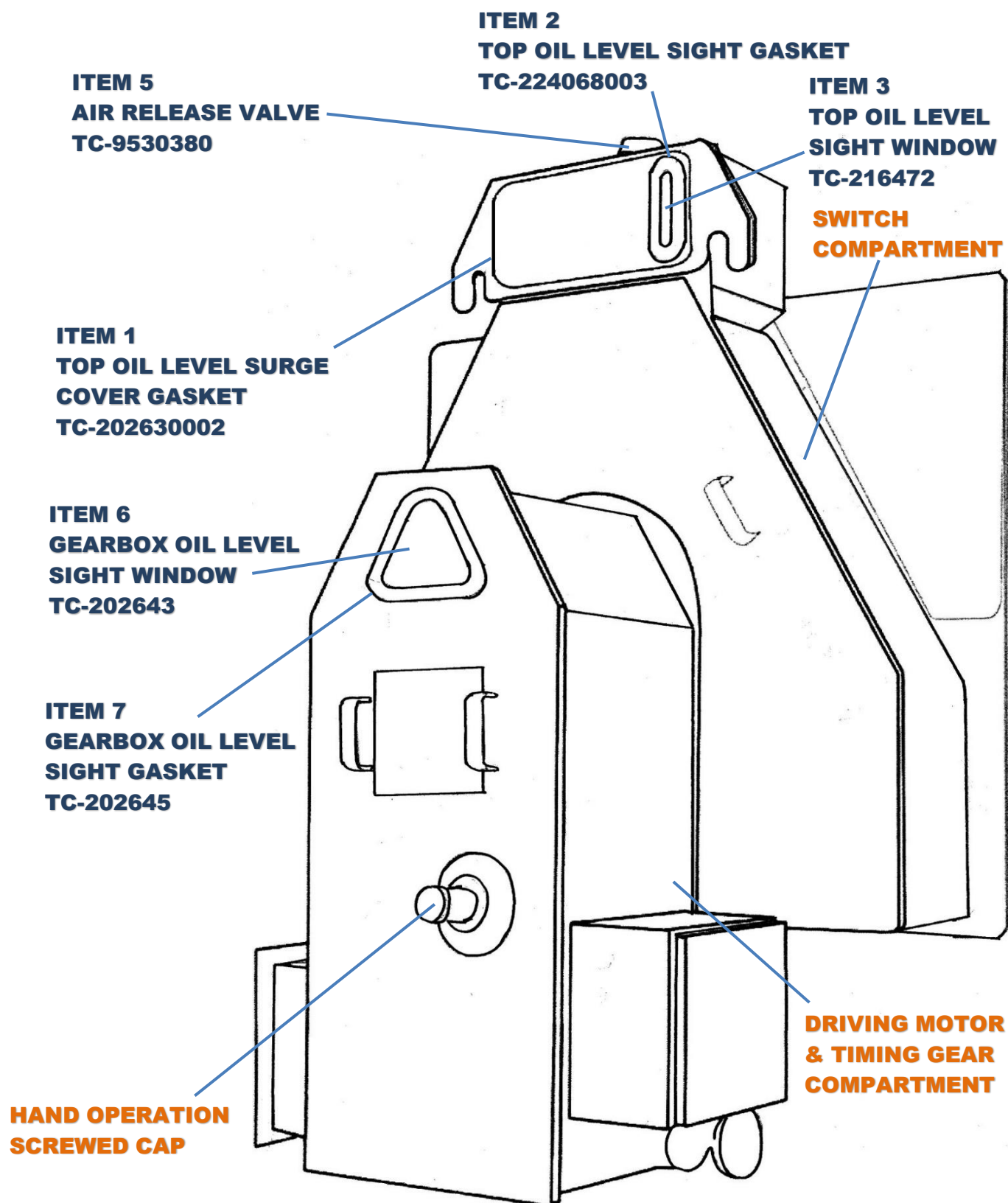


UNITS 8/9
SOUTHLINK BUSINESS PARK
HAMILTON STREET
OLDHAM
UNITED KINGDOM

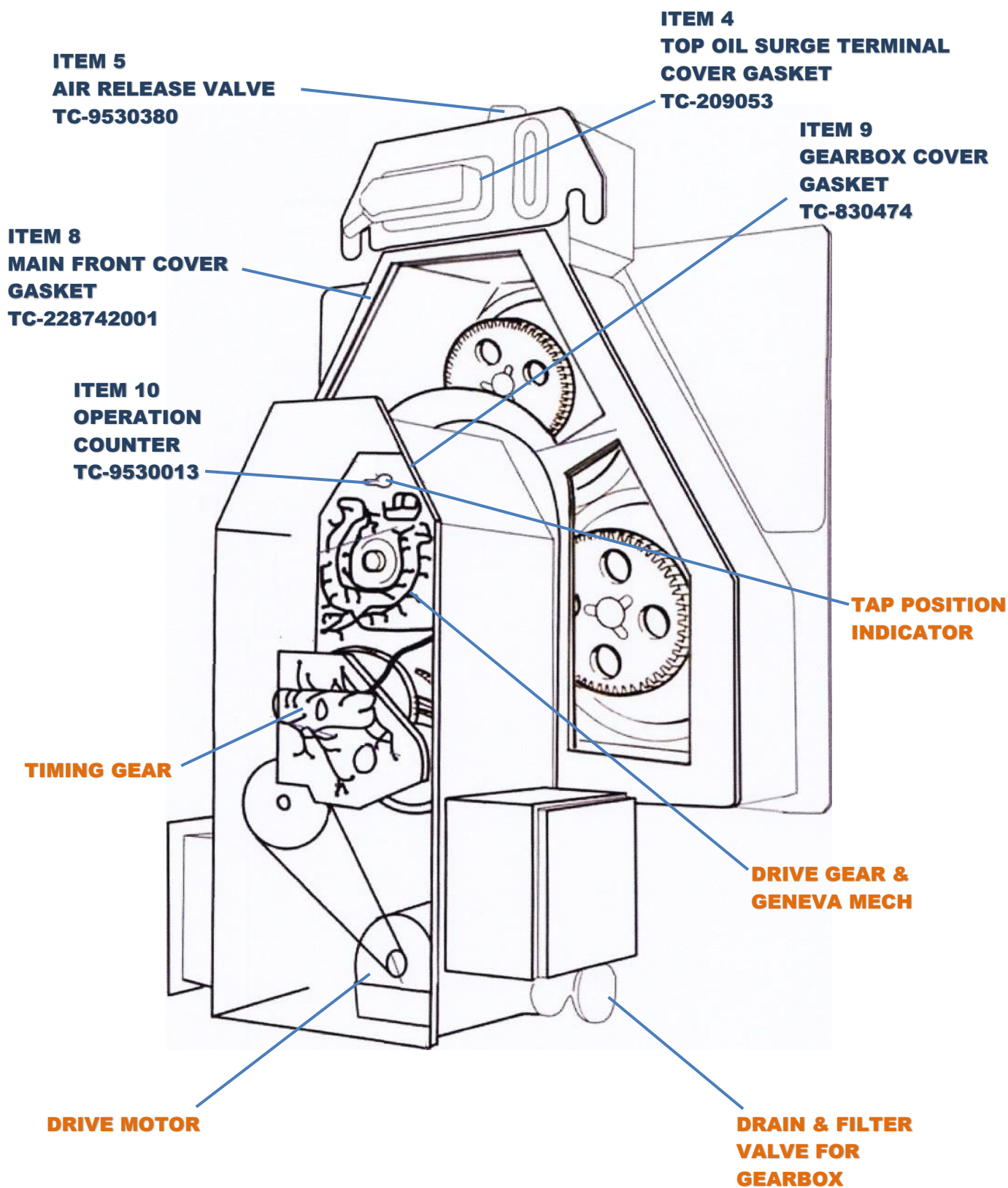
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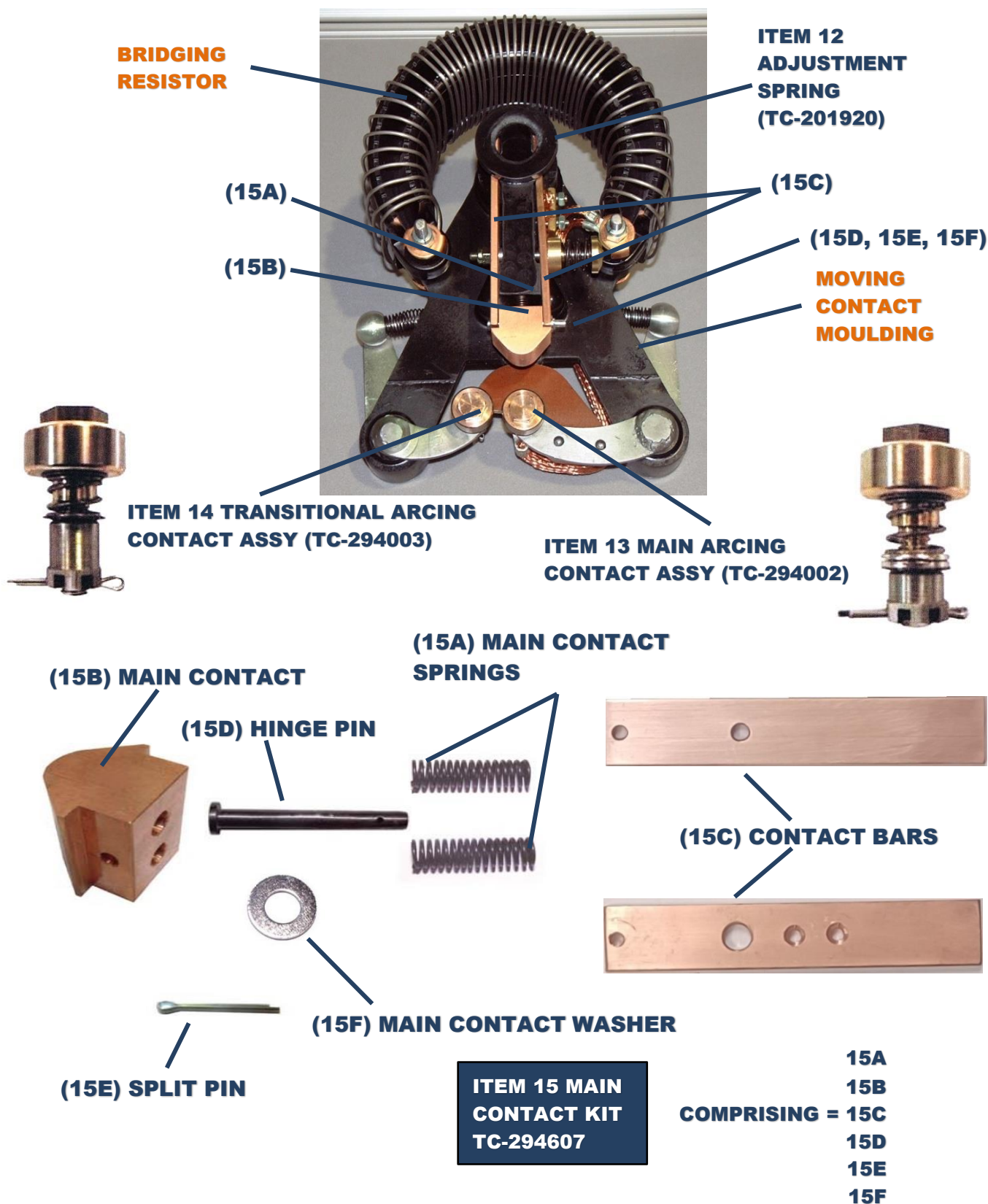
GENERAL VIEW OF DS/ES 300 & 400 POST 1984



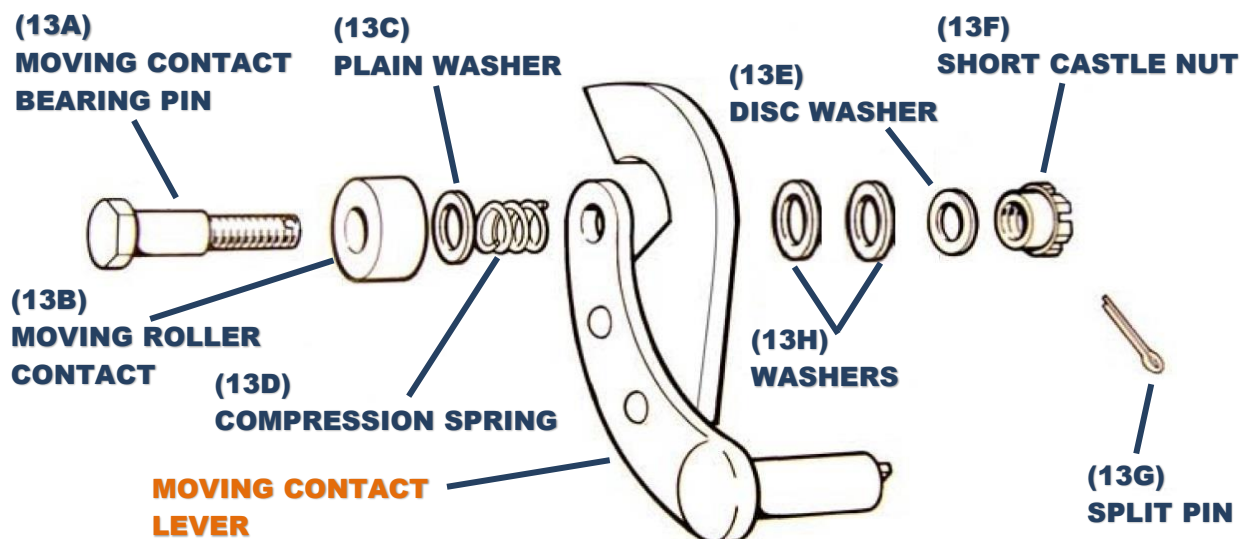
GENERAL VIEW OF DS/ES 300 & 400 POST 1984 TAPCHANGER WITH COVERS REMOVED



DS/ES 300 & 400 MOVING CONTACT ARM COMPONENTS AND ASSEMBLY



EXPLODED VIEW OF DS/ES 300 & 400 MAIN ARCING CONTACT

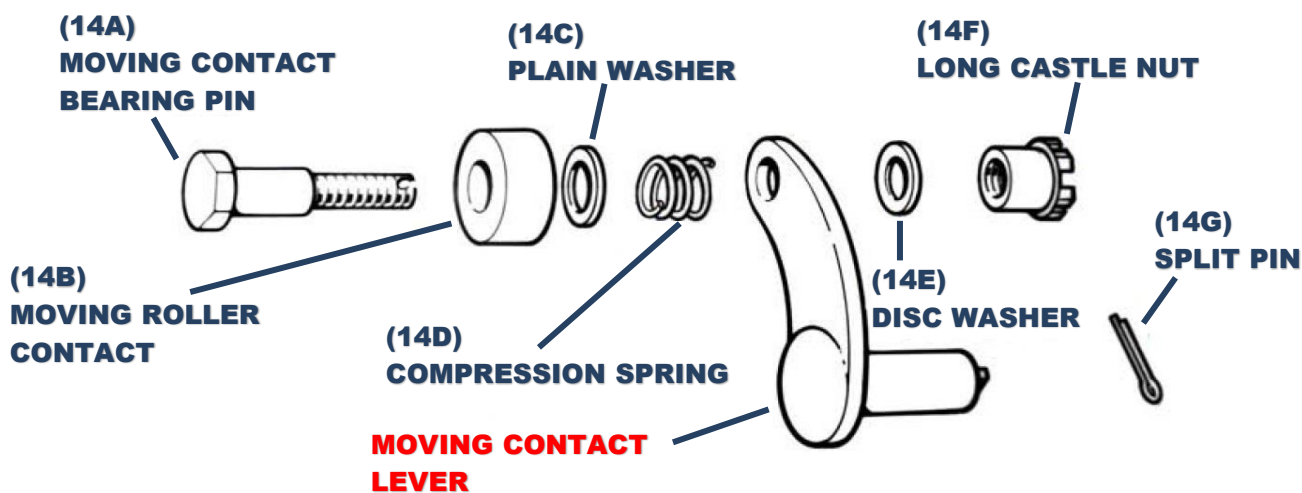


ITEM 13
ROLLER
CONTACT KIT
SHORT NUT
TC-294002

COMPRISING

13A MOVING CONTACT BEARING PIN
13B MOVING ROLLER CONTACT
13C PLAIN WASHER
13D COMPRESSION SPRING
13E DISC WASHER
13F SHORT CASTLE NUT
13G SPLIT PIN
13H WASHERS

EXPLODED VIEW OF DS/ES 300 & 400 TRANSITIONAL ARCING CONTACT



ITEM 14
ROLLER
CONTACT KIT
LONG NUT
TC-294003

COMPRISING

14A MOVING CONTACT BEARING PIN
14B MOVING ROLLER CONTACT
14C PLAIN WASHER
14D COMPRESSION SPRING
14E DISC WASHER
14F SHORT CASTLE NUT
14G SPLIT PIN

DS/ES 300 & 400 EXPLODED VIEW OF 'SLEEVED' FIXED CONTACT KIT

POST 1984



**(16A)
FIXED CONTACT
SCREW**



**(16B)
CONTACT
WASHER**



**(16C)
COMPRESSION
SPRING**



**(16D)
FIXED CONTACT
CARRIER**

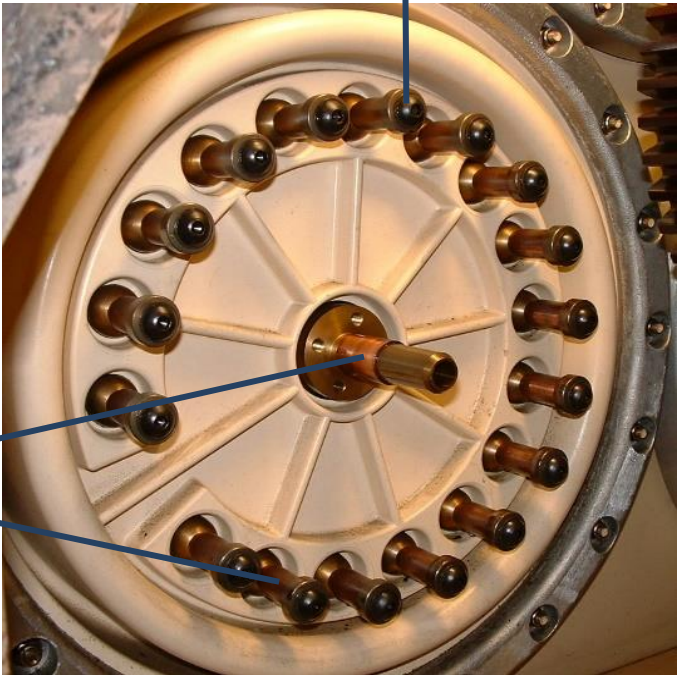


**(16E)
FIXED ROLLER
CONTACT**

**ITEM 16
FIXED CONTACT KIT
TC-294606**

**16A
16B
= 16C
16D
16E**

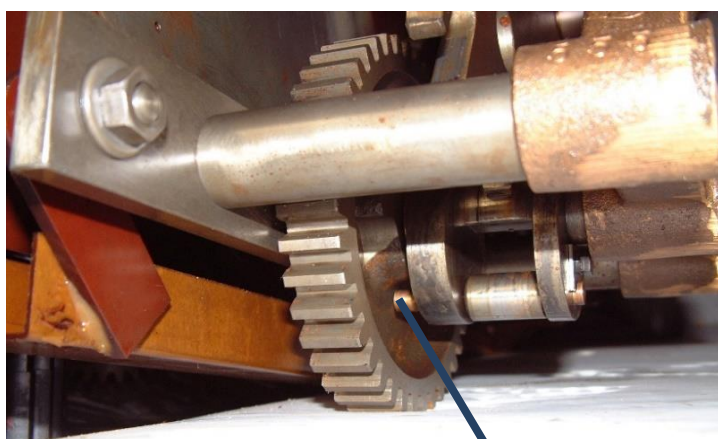
**NB: WHEN REPLACING 'SLEEVED'
TYPE FIXED AND NEUTRAL
CONTACTS IT IS RECOMMENDED
TO SWAP THEM FOR THE PRE
1984 DS/ES
'NON-SLEEVED' TYPES**



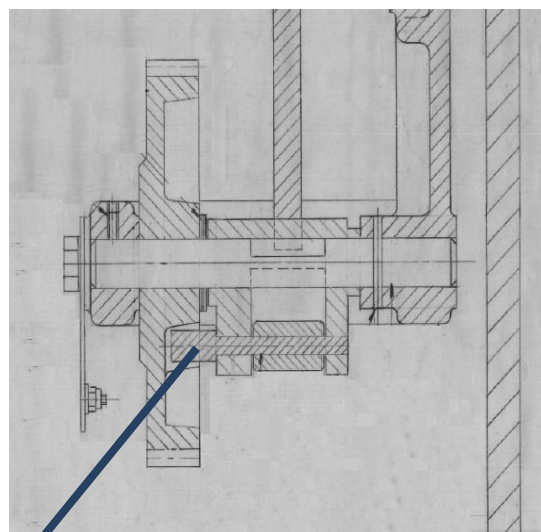
VIEWS OF DS/ES 300 & 400 DRIVE MOTOR & GEARING POST 1984



**ITEM 10
COUNTER ASSY,
5 - FIGURE
TC-9530013**



**LOST MOTION
DEVICE**



**ITEM 11
DRIVE BEARING PIN
TC-216391**



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DS/ES 300 & 400 post 1984 Tapchanger Maintenance Kit

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-202630002	Gasket - Top Oil Level Surge Cover	1		Each
2	TC-224068003	Gasket - Top Oil Level Surge Sight	2		Each
3	TC-216472	Window - Top Oil Level Surge Sight	1		Each
4	TC-209053	Gasket - Top Oil Surge Terminal Cover	1		Each
5	TC-9530380	Valve - Air Release	1		Each
6	TC-202643	Window - Gearbox Oil Level Sight	1		Each
7	TC-202645	Gasket - Gearbox Oil Level Sight	2		Each
8	TC-228742001	Gasket - Main Front Cover	1		Each
9	TC-830474	Gasket - Gearbox Cover	1		Each
10	TC-9530013	Counter Assembly - 5 Figure	1		Each
11	TC-216391	Pin - Drive Bearing	1		Each
12	TC-201920	Spring - Adjustment	3		Each
13	TC-294002	Moving Contact Assembly - Long Nut	3		Each
14	TC-294003	Moving Contact Assembly - Short Nut	3		Each
15	TC-294607	Main Moving Contact Kit	3		Each
16	TC-294606	Fixed Roller Contact Kit	51		Each
17	TC-2411024500	Washer - Gearbox 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: