

AUXILIARY UNITS AND ADDITIONAL PARTS FOR 700 - TYPE TELEPHONES

N4700
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ISSUE C

1 A telephone "as issued" can only provide certain basic facilities. Where it is wanted for other uses eg. extension plans, shared service installations etc. "add-on" parts are necessary. Standard diagrams usually quote the "add-on" parts for Teles 706 or 710. If a different telephone is required the equivalent part may be found in Table 1. Where no equivalent part is shown in the table that particular telephone cannot provide the facility.

2 PRESS-BUTTON PARTS (for types and engravings see Dgms N809 (Tele 706), N813 (Tele 713) and N849 (Teles 711, 740, 741, 746))

TELEPHONE 746 may be fitted with either

- (i) A full-width button (the appropriate springset or microswitch is fitted in the unmarked central position on the telephone mounting bracket) or
- (ii) two half-width buttons (springsets or microswitches are fitted in the B & C positions of the bracket). This makes the Tele 746 suitable for 2-button applications not involving the latching facility where previously a Tele 710 had to be used eg. Extension Plan 1A on shared service.

TELEPHONE 740 press-buttons, springsets and/or microswitches are mounted as in Tele 710.

TELEPHONE 711) may be fitted with either:-

- TELEPHONE 741)
 - (i) a 1/3 rd width press-button to operate a microswitch or
 - (ii) a combination of 1/4 and/or 1/2 width buttons to operate 1-4 springsets or microswitches.

TELEPHONE 713 may be fitted with a locking or non-locking press-(pendant telephone) button to operate a microswitch.

TELEPHONES 1/and 2/722 (Trimphones) A non-locking press-button unit consisting of a microswitch and associated operating lever may be fitted. The unit is mounted in the front edge of the telephone base. A separate "tone-ringer on-off" switch is not necessary as the volume control switch has an "OFF" position.

TELEPHONE 745 may be fitted with a press-button (Switch 27A-1) for recall (Weatherphone) and/or a toggle-switch (Switch 26A-1) for the "Bell on/off" facility.

3 Locking an individual press-button independently of the latching mechanism is possible on:-

TELEPHONE 710 by fitting a slide-lock button (.../DBU/262)

TELEPHONE 740 by fitting a Switch 23A - 1 (1 c/o) or 23B - 1 (2 c/o's)
TELEPHONE 746 with a standard button (.../DBU/372). The switches have a "push to operate, push to release" action.

TELEPHONE 711) by fitting an alternative plunger (5/DPL/382) and a TELEPHONE 741) standard button (.../DBU/268)

NOTE that the Tele 746 has no latching facility and button-locking is only possible by using a Switch 5A - 9, 23A - 1 or 23B - 1 with either a 1/2 width or full-width button.

4 TELEPHONE 710) when fitting a Release button which does not have a TELEPHONE 740) spring set associated with it, a Stop Plunger (1/DST/26) must be used.

5 Bell Set No. 50B may be fitted with a Buzzer No. 32C-3, 1 or 2 Parts 2/DST/836 or a Capacitor No. 7712 and a Clip No. 9.

6 Switches No. 36 ... will, when available, supercede switches No. 19.

P.O TELECOMMS PAPER:- W DISTN:- GENERAL	C	MINOR CHANGES <i>B</i> <i>JDB</i>	TD 7.1.1	13.5.77
	B	REVISED TELE 745 ADDED <i>L.R.D.</i>		20.12.72
	A	REDRAWN TABLE 1 EXPANDED. TABLE 2 DELETED <i>L.R.D.</i>		3.9.70
	/	F.E.I. TROKE	TD 2.3.1	12.8.63

TABLE I

	TELE. 706	TELE. 710	TELE. 746	TELE. 740	TELE. 711	TELE. 741	TRIMPHONE	TELE. 713	TELE. 745
1. ADAPTER Shared service	(Switch 5A-3 (Thermistor 1A-1	(Switch 5A-4 (Thermistor 1A-1	(Switch 5A-4 (Part 1/DPL/1022 (Thermistor 1A-1	As 710	One button- (Switch 5A-3 (Part 1/DBR/381 (Thermistor 1A-1 1-4 buttons - (Switch 5A-4 (Part 1/DFR/107 (Thermistor 1A-1	As 711	Switch 13A-2 Thermistor 1A-1	(Switch 5A-7 (Thermistor 1A-1	(Switch 27A-1 (Thermistor 1A-1
2. ADAPTER Local battery	Adapter LB No.5 Adapter LB No.6	Adapter LB No.4	-	-	Adapter LB No.7 Adapter LB No.8 (Motorway installations)	-	-	-	-
3. ADAPTER Plan-set	Adapter Plan-set No. 1	(Capacitor No. 7712-2 (Clip No. 90 (Part 1/DSP/1264	(Capacitor No. 7712-2 (Clip No. 90 (Switch 190-1 or 19C-1	-	(Capacitor No. 7712-2 (Clip No. 90 (Part 1/DSP/1501	(Capacitor No. 7712-2 (Clip No. 90 (Switch 19C-1 or 19D-1 Kit 166A	-	-	-
4. BUZZER	Buzzer 32C-1	As 706	Buzzer 32C-3	As 746	Buzzer 32C-2	As 746	-	(Buzzer 32C-3*	-
5. CAPACITOR 2µF	Capacitor Paper 7712-2 Clip No. 90	As 706	As 706	As 706	As 706	As 706	-	Capacitor* No. 7712-2 (Clip No. 90 *	-
6. COVER, TELEPHONE with two lamp opals	-	Part 4/DCO/627	-	Part /DCO/723	Part 4/DCO/659	As 711	-	-	-
7. FRAME and LATCHING MECH.	-	Already fitted	-	Already fitted	Part 1/DFR/107	As 711	-	-	-
8. LAMP FITTING	-	Lamp-fitting 16A	Kit No. 262A	As 710	Lamp fitting 17A	As 711	-	-	-
9. LAMP SIGNALLING UNIT	Lamp Signalling Unit No. 1 or 2	As 706	As 706	As 706	As 706, but with connexion strip bracket shifted locally to the top edge of unit	As 711	-	-	-
								*Fitted in Bell-set 50B (see Note 5)	

	TELE. 706	TELE. 710	TELE. 746	TELE. 740	TELE. 711	TELE. 741	TRIMPHONE	TELE. 713	TELE. 745
10. PRESS-BUTTON MICRO-SWITCH	Switch 5A-3	Switch 5A-4	(Switch 5A-4(N-L) (Part 1/DPL/1022 Switch 23A-1(L) Switch 23B-1(L) (See Para 3)	Switch 5A-4 { As 746 { { but with 1/DPL/1022 recovered	One-button- (Switch 5A-3 (Part 1/DBR/381 1-4 buttons (Switch 5A-4 (Part 1/DFR/107	As 711 As 711	Switch 13A-2 (N-L See Para 2)	Switch 5A-7(N-L) " 5A-7(L) when used with Parts 1 or 2/DBU /345	Switch 27A-1 (N-L See Para 2)
11. PRESS-BUTTONS	Parts:-								
(a) For Switch 5A-3	.../DBU/263 or /264	-	-	-	.../DBU/266 or 267 & 2 x 1/DBU /270	As 711	-	-	-
(b) For Switch 5A-4 or spring sets	-	.../DBU/260	(1/2 width (.../DBU/363 (1/DPI/203 (Full width (.../DBU/362 (2 x 1/DPI/203	(.../DBU/372 (1/DPI/203	1/2 width 1/DBU/378 1/2 width 1/DBU/379 Label A6644 required with Parts (1/DBU/375 & 379)	As 711	-	-	
(c) For Switch 5A-7	-	-	-	-	-	-	-	1 /DBU/344 or .../DBU/345 (L)	-
(d) For Switch 5A-9, 23A-1, 23B-1 (see Para 3)	-	-	As 5A-4	As 5A-4	-	-	-	-	-
(e) Independent Locking (see para 3)	-	(.../DBU/262 (1/DPI/205	-	As 5A-4	(1/DBU/378 (5/DPL/382 Label A6644	As 711	-	-	-
(f) Dummy	2/DBU/258	2/DBU/261	1/or 2/DBU/367	1-4/DBU/375	1/3 width 1/DBU/270 full width 1/DBU/271	As 711	1/DBU/370	1/DBU/349	-
12. SPRINGSETS									
(a) Auxiliary gravity switch 1C (continued)	Parts:- 1/DSP/1233	1/DSP/1242	Switch 19B-1 (micro-switch)	As 746	1/DSP/1269	(Switch 19B-1 (Kit 166A.	Switch 19A-1 (micro-switch)	1/DSP/1279	Switch 20D (micro-switch)

	TELE. 706	TELE. 710	TELE. 746	TELE. 740	TELE. 711	TELE. 741	TRIMPHONE	TELE. 713	TELE. 745
1M	1/DSP/1252	-	-	-	-	-	-	-	-
1B	1/DSP/1256	-	-	-	-	-	-	-	-
1C 1M	-	1/DSP/1258	-	-	-	-	-	-	-
2C	-	1/DSP/1258	Switch 19D-1 (two micro- switches)	As 746	-	(Switch 19D-1 (Kit 166A	-	-	-
1C 2M	-	1/DSP/1264	-	-	1/DSP/1501	-	-	-	-
3C	-	-	Switch 19C-1 (three micro- switches)	As 746	-	(Switch 19C-1 (Kit 166A	-	-	-
(b) Press- button switch									
2C	-	1/DSP/3125	As 710	As 710			-	-	-
4C	-	1/DSP/1243	As 710	As 710	As 710	As 710	-	-	-
4K	-	1/DSP/1244	As 710	As 710	As 710	As 710	-	-	-
1K or 1C	-	1/DSP/1245	As 710	As 710	As 710	As 710	-	-	-
3K 2M	-	1/DSP/1247	As 710	As 710	As 710	As 710	-	-	-
13. TOGGLE SWITCH	-	-	-	-	-	-	-	-	Switch 26A-1
14. STOP PLUNGER	-	1/DST/26	-	As 710	-	-	-	-	-
15. STRIP CONNEXION 6 WAY	Parts:- (2/DST/836 (1/DBR/366	2/DST/836	As 710	As 710	As 710	As 710	-	(2/DST/836*	-
18 WAY	Strip Conn. 155A	As 706	As 706	As 706	As 706	As 706	-	-	-
16. THERMISTOR	Thermistor 1A-1	As 706	As 706	As 706	As 706	As 706	-	As 706*	-
17. WATCH RECEIVER AND HOOK	Receiver Watch 8T Hook Receiver AG	As 706	Receiver watch 8T Hook Receiver AK	As 746	Receiver Watch 8T Hook Receiver AH	As 711	-	-	-
								*Fitted in Bell- set 50B (see Note 4)	