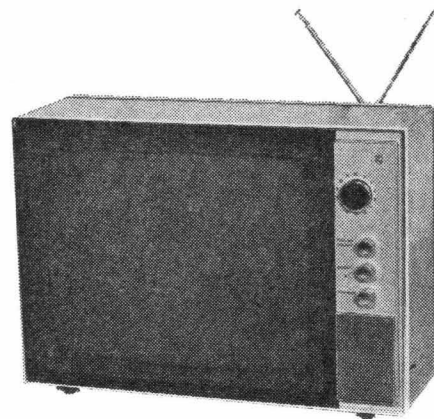


**TELEVISION
02TN211-02TP211-02TN212**

SERVICE MANUAL



TN211

The above models are 20" television receivers with styling variations. Refer "Mechanical Parts List."

This sheet should be read in conjunction with the "12S chassis" service manual. Items peculiar to the above models are listed in the electrical and mechanical parts lists published on this sheet.

CHASSIS REMOVAL PROCEDURE

To remove the subchassis, switch off power and disconnect power plug from mains supply point. Separate aerial assembly panel from the cabinet back. (2 screws in keyhole slots).

Remove cabinet back.

Remove all control knobs from front panel.

Unplug video lead from ZL002 and 12 pin plug from power supply tower.

Back off subchassis retaining screws, one top and one bottom.

Withdraw complete subchassis from front mounting spigot.

Disconnect speaker lead spade clips.

ELECTRICAL PARTS LIST

CAPACITORS

C	Description	V.W.	Tol. \pm %	Code No.
627	4K7 Ceramic	500	+50-10	2222 563 03472

RESISTORS

R	Description	W.	Tol. \pm %	Style or Code No.
601	100E Carbon	0.2	5	CR 16
614	330E Carbon	0.2	5	CR 16
615	1K8 Carbon	0.2	5	CR 16
619	500E Carbon pot. Taper A (Contrast)			CZ 034 181
627	50K Carbon pot. Taper C (Vol. + On/Off) (with push-pull DPST On/Off switch)			CZ 032 064
650	120K Carbon	0.5	10	CR 37
651	250K Carbon pot. Taper A (Bright ness)			CZ 034 182

INDUCTORS

LS601	Loudspeaker (Rola 53D03/277/15)			CZ 162 542
V351	Picture Tube 20"			A50-120W

PHILIPS

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APRIL 1972

MECHANICAL PARTS LIST

Description	Code No.
Aerial Bracket Assy. (TN211, TN212)	CR 262 586
incl. Bracket	CS 233 743
Aerial Terminal (2x)	CZ 376 205
Telescopic Aerial (2x)	CR 109 053
Aerial Bracket Assy. (TP211)	CR 262 590
incl. Bracket	CS 233 746
Aerial terminal (x2)	CZ 376 205
Anti-glare screen (TN211, TP211)	CS 034 036
Cabinet Assembly (TN211)	
Black	CR 701 606
White	CR 701 607
Orange	CR 701 608
Purple Sage	CR 701 615
Burgundy	CR 701 883
Tan	CR 702 057
Cabinet Assembly (TP211)	
Maple	CR 701 371
Walnut	CR 701 598
Teak	CR 701 599
Cabinet Assembly (TN212)	
Black	CR 702 011
White	CR 702 012
Tan	CR 702 013
Cabinet Back	CS 462 850
Control Panel Assembly (TN211, TP211)	CR 280 451
Control Panel Assembly (TN212)	CR 280 760
Earth Strap Assembly	CZ 358 614
Spring for above	CS 210 052
Foot (4x)	CS 240 051
Knob Assy., Channel Selector (TN211, TP211)	CR 524 578
Knob Assembly, Channel Selector (TN212)	CR 524 582
Knob Assembly, Fine Tuning (TN211, TP211)	CR 524 614
Knob Assembly, Fine Tuning (TN212)	CR 524 630
Knob Assembly, Function (TN211, TP211)	CR 524 572
Knob Assembly, Function (TN212)	CR 524 632
Mask Assembly (TN211, TP211)	CR 029 424
Mask Assembly (TN212)	CR 029 434
Spacer (for F/T Knob)	CS 284 230
Trims for Cabinets (TN211, TP211)	
Front—Top edge and sides	CS 431 121
—Lower edge	CS 431 131
Rear—Top edge & sides	CS 431 120
—Lower Edge	CS 431 130
Trims for Cabinets (TN212)	
Top and Bottom edge (2x)	CS 431 160
Sides (2x)	CS 431 161