

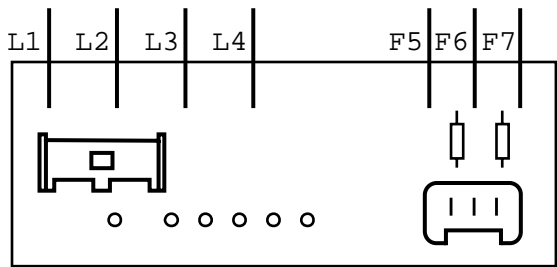
Service Information



New type of picture tube for 72cm colour television receivers with chassis Digi Basic+, Basic++, Digi 5 and Digi 6

The picture tubes A 68 ESF 002X43 (without coating) and A 68 ESF 202X43 (with coating) fitted into television receivers with above mentioned chassis are no longer available. These picture tubes are not fully compatible with the replacement tubes A 68 ESF 002X143 / A 68 ESF 202X143.

- changed yoke connections:
The figure below shows the connections of the deflection unit for the new picture tubes A 68 ESF 002X143 part no. 8300 068 24300 and A 68 ESF 202X143 part no. 8300 068 20400.



- L1 - red yoke connecting lead (horizontal)
- L2 - black yoke connecting lead (horizontal)
- F5 - green yoke connecting lead (vertical)
- F7 - white yoke connecting lead (vertical)

The different types of chassis require different changes:

Chassis Digi 5 CUC 1822, 1852

CRT fitted in the TV set Changes when fitting the replacement tube

A 68 ESF 002X43 A 68 ESF 202X43	A 68 ESF 002X143 A 68 ESF 202X143 An existing seagull correction board is to be removed. The yoke connecting leads are soldered directly to the deflection unit (see figure).
A 68 ESF 002X043 A 68 ESF 202X043	A 68 002X143 A 68 202X143 No change. Connect the picture tube as shown in the figure.

Serial No. 17/98

Chassis Digi Basic + CUC 1826

CRT fitted in the TV set

Changes when fitting the replacement tube

A 68 ESF 002X043 A 68 ESF 202X043	A 68 ESF 002X143 A 68 ESF 202X143 No change. Connect the picture tube as shown in the figure.
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Chassis Digi Basic ++ CUC 1830

CRT fitted in the TV set

Changes when fitting the replacement tube

A 68 ESF 002X043 A 68 ESF 202X043	A 68 ESF 002X143 A 68 ESF 202X143 Connect the picture tube as shown in the figure.
+A voltage from 140V	to 138V
C 53006 from 0.5 μ F	to 0.41 μ F part no. 8515 722 24600
C 53071 from 13nF	to 12.5nF part no. 8515 911 70200
C 53073 from 0.47 μ F	to 0.56 μ F part no. 8515 724 09300
L 53074	to 260 μ H part no. 0924 685 96200
C 58011 from 0.47 μ F	to 0.56 μ F part no. 8555 267 29100
CR 58011 from 1.8kOhm	to 1.2 kOhm part no. 8706 100 27500
R 50007 from 1.6 Ohm	to 1.5 Ohm part no. 8766 327 40500
R 50008 from 1.6 Ohm	to 1.5 Ohm part no. 8766 327 40500

Chassis Digi 6 CUC 1842

CRT fitted in the TV set

Changes when fitting the replacement tube

A 68 ESF 202X043	A 68 ESF 202X143 Connect the picture tube as shown in the figure.
+A voltage from 145V	to 143V
C 53071 from 10.5nF	to 10nF part no. 8515 911 40900
L 53074	to 250 μ H part no. 0924 685 95300