



PROCESSOR TYPE All

TU20-00019 CODE: D ML: T
AUG-71 - PROBLEM: Output of N59M transformer incorrect. Output voltage, when measured using cabinet as a reference ground, measures 55 VAC on each side of the plug. White wire should be neutral and red should be 100 volts to meet Field Service specifications.
CORRECTION: Add a wire from output N59M transformer to chassis ground; the wire to ground is from the white side of output.
In-plant effectivity -Phase-in as of September 17, 1971.

NOTE: The only purpose of this FCO in the field is to correct ADD/DELETE errors in FCO TU20-B0022. ADD/DELETE sheet 2 of 3 of this FCO is to be substituted for sheet 6 of FCO TU20-B0022.
In-plant effectivity -Unchanged
Field effectivity -Unchanged
(Time To Install And Test N/A) (Kit Contents -F1007 FCO/Prints)

MISC-00086 ML: U

TU20-B0020 CODE: F ML: V
JUL-72 - PROBLEM: Not enough bus drive when operating a TU20 on the same bus as a TU10-A, TU40 and TU41.
CORRECTION: Change bus driver modules for DECSYSTEM-10 use. Replace R123's in slots B17, B18, and B24 with R663's. Replace R111 in slot B22 with R1110. Replace R113 in slot A22 with R1130.

NOTE: This FCO is to be implemented in conjunction with FCO TM10-B0019.
In-plant effectivity -Retrofit all drives that are operating on a DECSYSTEM-10.
Field effectivity -Retrofit all TU20's.
(Time To Install And Test .5 Hour.) (Kit Contents -FCO/Prints And Parts)

TU20-00021 CODE: P ML: W
JUL-72 - CORRECTION: Update Accessory List.
In-plant effectivity -06 -Documentation change only

TU20-B0022 CODE: F ML: Y WL: J
MAR-73 - PROBLEM: Read/write thresholds on TU20 read amplifiers, G084, are not adjustable.
CORRECTION: Replace G084's with G087's and add a slice level control, G0870, in slot A29.

NOTE 1: When ordering parts kits for implementation of this ECO, 7 or 9 track must be specified. The kits are identical, except that for 7 track, seven G087's are required, and for 9 track, nine G087's are required, in addition to the G0870. Prices for the modules, as of the date of FCO release, are: G0870 \$ 66.00 ; G087 \$61.00 EACH. THE DEC ON-SITE LABOR CHARGE WILL BE THE TIME Required to install and test the FCO at the then current hourly labor rate.

NOTE 2: See continuation supplement FCO TU20-D0023 and correction supplement FCO TU20-C0024.
In-plant effectivity -Documentation/design change
Field effectivity -Retrofit all TU20's on DECSYSTEM-10
(Time To Install And Test 3.0 Hours.) (Documentation \$ 5.00 , Parts - See Note , DEC Labor -See Note) (Kit Contents -FCO/Prints And Parts)
Supplement FCO's TU20-D0023 and TU20-C0024 will also be included in the kit.

TU20-D0023 CODE: F
AUG-73 - PROBLEM: New G0870 Slice Control and G087 Read Amplifier are not compatible with present margin specifications.
CORRECTION: Change margin specifications.
In-plant effectivity -06 -Document correction
Field effectivity -Update TU20 documentation when FCO TU20-B0022 has been implemented.
(Time To Install And Test N/A) (Kit Contents -F992 FCO/Prints)

TU20-C0024 CODE: F ML: Z WL: K
AUG-73 - PROBLEM 1: Error in ADD/DELETE sheet and in Wire List of FCO TU20-B0022.
CORRECTION 1: Correct Wire List and ADD/DELETE sheet #6 of FCO TU20-B0022.
PROBLEM 2: Error in logic drawing D-BS-TU20-0-3.
CORRECTION 2: Correct print to new revision "J".