

TMC SPECIFICATION

NO. S-10189

REV:

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COMPILED: L.J./M.P.

CHECKED:

APPD:

SHEET

OF

TITLE:

Factory Modification to STE-5

DATE 16/4/69
SH. 1 OF 8
COMPILED BY

TMC SPECIFICATION NO. S-10189

TITLE: Factory Modification to STE-5

JOB

APPROVED

TO ADD THE FACILITY OF REMOTE MODE SWITCHING TO AN STE-5, THE FOLLOWING CHANGES ARE REQUIRED:

CK10525 (SEE SHT 3)

Add CR1501 (IN914) Between S1503 -Rear 3 & S1503 - Rear 6
(Cathode connected to Rear 3).

Add CR1502 (IN914) Between S1503 - Rear 5 & S1503 - Front 6
(Cathode connected to Rear 5).

Delete connection from R1504 wiper to S1503 -Rear 3, Add conn from R1504 wiper to S1503 - Rear 6. Delete conn from R1505 wiper to S1503 Rear 5, Add conn from R1505 wiper to S1503 - Front 6.

Add L13, C25 & C26 to A10640 Pin 12, Add L12, C23 & C24 to A10640 Pin 6, Add L11, C21 & C22 to A10640/5.

Add connection from A10603 Pin 8 to A10640 L11, Add connection from A10603 Pin 11 to A10640 L12.

Add connection from S1503 Rear 3 to A10640 L13.

A10640 (SEE SHT 4)

Delete jumper between Pins 6
Add C1525, C1526 & L1513 connect to Pins 12.
Add C1523, C1524 & L1512 connect to Pins 6.
Add C1521, C1522 & L1511 connect to Pins 5.
Add jumper between Pins 11.

LD10270 (SEE SHT 5)

Change engraving note.
FROM:- Engraving to be 3/32 high white filled.
TO:- Engraving to be 3/32 high white filled except 'AME'
and associated DOT to be filled red.

LD10271 (SEE SHT 6)

Add marking C25, L13 & C26 adjacent to TB1051 Pin 12.
Add marking C23, L12 & C24 adjacent to TB1051 Pin 6.
Add marking C21, L11 & C22 adjacent to TB1051 Pin 5.

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SH. 2 OF 8
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CA10491 (SEE SHT 7)

Wiring list item 65 change From:- BKOUT G/S1503 Pin 3 (Rear).
To:- BKOUT G/S1503 Pin 6 (Rear).

Wiring list item 67 change From:- BKOUT G/S1503 Pin 5 (Rear).
To:- BKOUT G/S1503 Pin 6 (Front).

Add to wiring list:-

BKOUT (FROM) COMPONENT	BKOUT (TO) COMPONENT	ITEM	PT. NO.	DESCRIPT.
G S1503 Pin 3	H A10640 Pin 12	81	MWC24(7)U93	Wire Elecs
L A10603 Pin 11	H A10640 Pin 6	82	" " " "	"
L A10603 Pin 6	H A10640 Pin 5	83	" " " "	"

AT BKOUT G, Delete branch with items 16 & 17, add 16 & 17 to branch containing items 4 & 5.
Delete Pin no. 5 symbol from item 67, change item 65 to item 81.
Add new wire item 65, adjacent to item 26, at end of BKOUT.
Increase length of item 26 to 2.25 in. Increase length of items 63, 58 to 1.75 in.

AT BKOUT P, Increase all wire lengths by .75 in.

AT BKOUT L, Add item 83 to item 46.
Add item 82 to item 26.

AT BKOUT H, Add item 81 (connected to Pin 12) between items 76 & 10.
Add items 82 (connected to Pin 6) & 83 (connected to Pin 5) between items 79 & 43.

A10540-5 (SEE SHT 8)

Add R1736 to UNIDENTIFIED holes.

ADDITIONAL COMPONENTS REQUIRED:

CC100-29	Cap Fixed Ceramic	Qty.6 (C21, C22, C23, C24, C25, C26)
CL275-151	Coil RF Fixed	Qty.3 (L11, L12, L13)
RC 20GF563J	Resistor Fixed Comp.	Qty.1 (R1736)
IN 914	Diode	Qty.2 (CR1501, CR1502)

