

ALL CONDENSERS ARE MMFD.  
UNLESS OTHERWISE SPECIFIED  
ON ALL CONDENSERS

Ⓐ = 25 VOLTS Ⓑ = 120 VOLTS Ⓒ = 200 VOLTS  
Ⓓ = 300 VOLTS Ⓔ = 350 VOLTS Ⓕ = 400 VOLTS  
Ⓖ = 500 VOLTS Ⓗ = 600 VOLTS Ⓖ = 1600 VOLTS  
FOR RESISTORS M = 1000 Ω - E.G., 10M = 10,000 Ω -  
ALL RESISTORS ARE 1/4 WATT ± 20%  
UNLESS OTHERWISE SPECIFIED  
⊕ DESIGNATES CHASSIS GROUND

ALL TUBE SOCKETS ARE BOTTOM VIEWS

STAGE GAINS  
TAKEN AT ANTENNA SOCKET AND AT R.F.  
GRID AT 600 KC. & TAKEN AT CONVERTER  
GRID AT 265 KC.

DUMMY ANTENNA  
30MMFD. SERIES AND 30MMFD. SHUNT AT  
ANTENNA SOCKET & 0.1MFD. SERIES TO  
CONVERTER GRID

I.F. 265 KC.

TEST CONDITIONS  
VOLUME CONTROL SET AT MAXIMUM  
TONE CONTROL SET ON "HIGH" WITH NO  
INCOMING SIGNAL  
VOLTAGES READ FROM POINT SHOWN  
TO CHASSIS WITH 1000 OHM PER VOLT METER

TO HEATERS & SPEAKER FIELD

S3 TYPE NO.55 PILOT LAMP

L10

S2 ON-OFF SWITCH

"A" LEAD

S4 FUSE 20AMP. SFE TYPE

FS 2 WIRING VIEW OF FT. SWITCH SOCKET

FS 3 FOOT SWITCH, CABLE & PLUG ASSEMBLY

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L10

S2 ON-OFF SWITCH

"A" LEAD

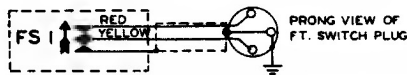
S4 FUSE 20AMP. SFE TYPE

ZENITH RADIO

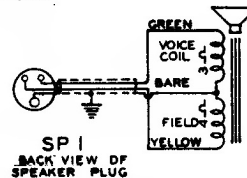
SCHEMATIC DIAGRAM FOR 6 TUBE  
(FORD 6MF080)

WITH FOOT CONTROL  
I.F. 265 KC.  
TUNING RANGE 540 KC. TO 1600 KC.

BATTERY CONDITIONS  
6.3 VOLTS AT STORAGE BATTERY TERMINALS  
WITH POSITIVE GROUNDED



FS 3  
FOOT SWITCH, CABLE  
& PLUG ASSEMBLY



SP 1  
BACK VIEW OF  
SPEAKER PLUG

SP 2  
FRONT VIEW OF  
SPEAKER SOCKET