

Pioneer *sound.vision.soul*

Service Manual



DV-310-K

ORDER NO.
RRV3757

DVD PLAYER

DV-310-K

HIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Region No.	Remarks
DV-310-K	KUCXZT	AC 120 V	1	



For details, refer to "Important Check Points for good servicing".

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936
 ©PIONEER CORPORATION 2008

10.7 OPERATION PCB ASSY

DISPLAY SCHEMATIC (OPERATION PCB)

A

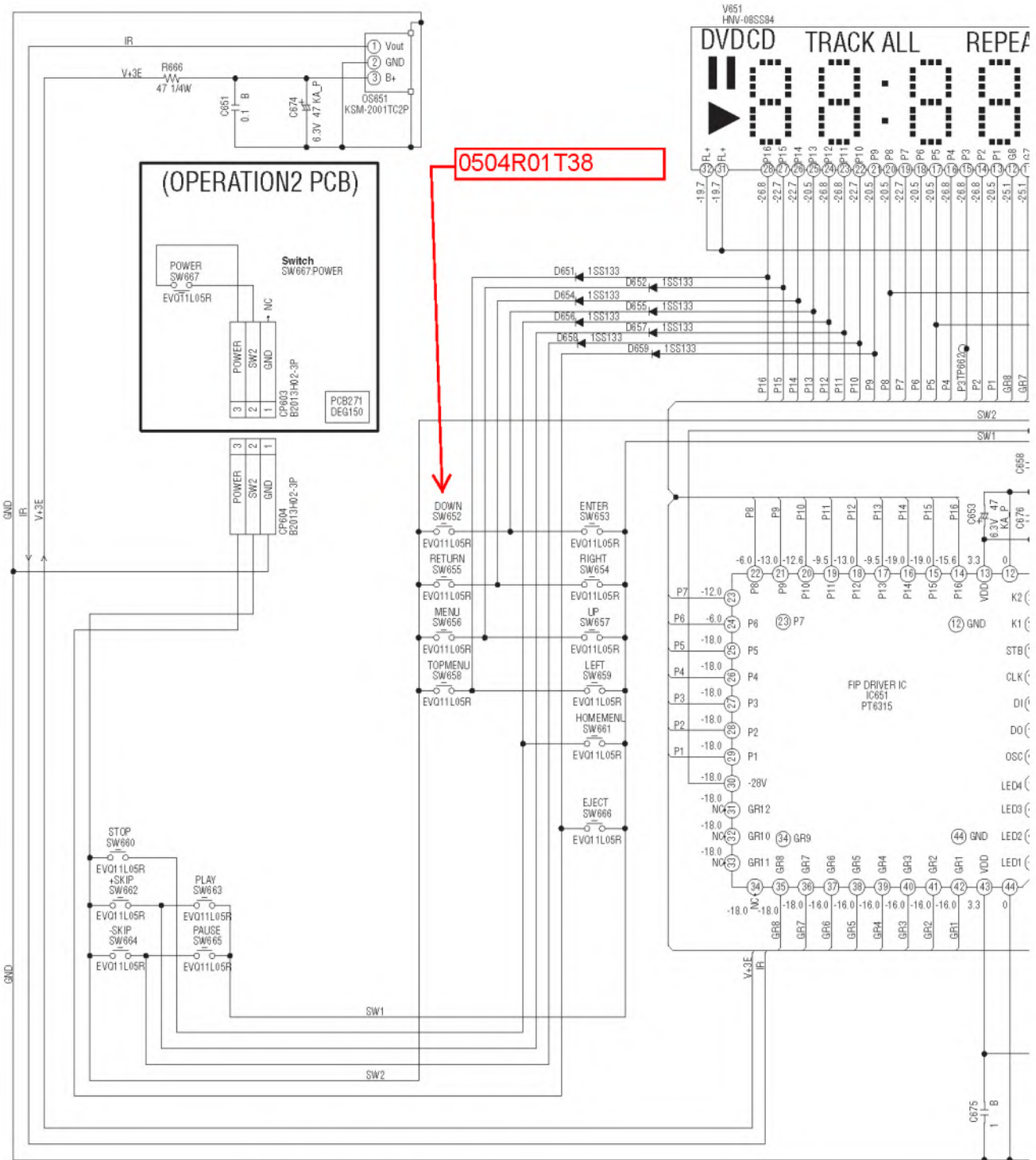
B

C

D

E

F



NOTE: THE DC VOLTAGE EACH PART WAS MEASURED WITH THE DIGITAL TESTER DURING PLAYBACK.

12. PCB PARTS LIST

NOTES: ● Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
 ● The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 ● When ordering resistors, first convert resistance values into code form as shown in the following examples.
 Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560 Ω \rightarrow 56×10^1 \rightarrow 561 RD1/4PU[5][6][7]J
 47k Ω \rightarrow 47×10^3 \rightarrow 473 RD1/4PU[4][7][3]J
 0.5 Ω \rightarrow R50 RN2H[R][5][0]K
 1 Ω \rightarrow 1R0 RS1P[1][R][0]K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).
 5.62k Ω \rightarrow 562×10^1 \rightarrow 5621 RN1/4PC[5][6][2][7]F

● Meaning of the figures and others in the parentheses in the parts list.
 Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.
 IC 301 (A, 91, 111) IC NJM2068V

Mark No. Description Part No. Mark No. Description Part No.

LIST OF ASSEMBLIES

1..DVD MT PCB ASSY	A2L101A130
1..OPERATION PCB ASSY	A2L101A270
Δ 1..POWER PCB ASSY	A2L101A240

POWER PCB ASSY

RESISTORS

Δ R 511 R,FUSE 68 OHM 1/4W	R65584680J
-----------------------------------	------------

Mark No. Description Part No.

DVD MT PCB ASSY

SEMICONDUCTORS

IC 2301 IC AM5766	11UFV5766S
IC 4001 IC MT1389FEL-L	IC8K0389L0
IC 4003 IC R3112N291A-TR-FA	IE1F0291A0
IC 4004 IC AT26DF161-SU	S2L101AF01
IC 4005 IC M12L64164A-7TG	IF9J0164AG
IC 4006 IC LD1117AL-ADJ-AA3-A-R	11YF9117A0
IC 4007 IC R5523N001B-TR-F	11ZF0N0010
IC 4009 IC BA00BC0WFP-E2	107F0C0WFO
IC 7301 IC LA73054-TLM-E	103FG30540
IC 8003 IC RC4580IDR	104J045800

OTHERS

J 7301 JACK	063R700013
J 7302 RCA JACK	060R451013
J 8001 RCA JACK	060R401122
J 8003 RCA JACK	060R451012
X 4001 CRYSTAL (27MHz)	100GT02720

OPERATION PCB ASSY

SEMICONDUCTORS

IC 651 IC PT6315	IF4K063150
------------------	------------

SWITCHES

SW 652-667 SWITCH TACT	0504R01T38
------------------------	------------

OTHERS

CP 602 CONNECTOR PCB SIDE	06G5AA1002
V 651 TUBE FLUORESCENT	096F80R401
OS 651 REMOTE RECEIVER	077Q040004