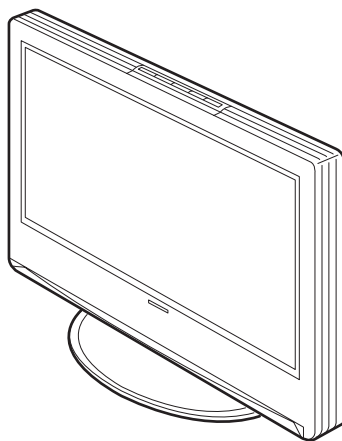


KLV-S23A10/S26A10/S32A10/S40A10

SERVICE MANUAL

GA Model



WAX CHASSIS

SPECIFICATIONS

Display Unit

Power Requirements:

110–240 V AC, 50/60 Hz

Screen Size:

KLV-S40A10: 40 inches

KLV-S32A10: 32 inches

KLV-S26A10: 26 inches

KLV-S23A10: 23 inches

Display Resolution (horizontal × vertical):

1366 pixels × 768 lines

Power Consumption:

KLV-S40A10: 260 W

KLV-S32A10: 170 W

KLV-S26A10: 110 W

KLV-S23A10: 95 W

Standby Power Consumption:

KLV-S40A10: 0.6 W

KLV-S32A10: 0.5 W

KLV-S26A10: 0.5 W

KLV-S23A10: 0.5 W

Dimensions (w × h × d):

KLV-S40A10:

Approx. 999 × 740 × 370 mm (with stand)

Approx. 999 × 693 × 103 mm (without stand)

KLV-S32A10:

Approx. 792 × 608 × 309 mm (with stand)

Approx. 792 × 564 × 99 mm (without stand)

KLV-S26A10:

Approx. 658 × 517 × 309 mm (with stand)

Approx. 658 × 474 × 90 mm (without stand)

KLV-S23A10:

Approx. 566 × 448 × 218 mm (with stand)

Approx. 566 × 411 × 89 mm (without stand)

Weight:

KLV-S40A10:

Approx. 33 kg (with stand)

Approx. 26.5 kg (without stand)

KLV-S32A10:

Approx. 19.8 kg (with stand)

Approx. 16 kg (without stand)

KLV-S26A10:

Approx. 16.3 kg (with stand)

Approx. 12.5 kg (without stand)

KLV-S23A10:

Approx. 12.7 kg (with stand)

Approx. 9.1 kg (without stand)

LCD Color TV

SONY®

Panel System

LCD (Liquid Crystal Display) Panel

TV System

I, D/K, B/G, M

Color System

PAL, PAL60, SECAM, NTSC 4.43, NTSC 3.58

Antenna

75 ohm external terminal

Channel Coverage

B/G

VHF:E2 to E12 / UHF: E21 to E69 /
CATV:S01 to S03, S1 to S41
VHF:0 to 12,5A, 19A / UHF: 28 to 69 /
CATV:S01 to S03, S1 to S41(Australia only)
VHF:1 to 11 / UHF: 21 to 69 /
CATV:S01 to S03, S1 to S41(New Zealand only)

I

UHF: B21 to B68 / CATV:S01 to S03, S1 to S41

D/K

VHF: C1 to C12 / UHF: C13 to C57, R21 to R60 /
CATV:S01 to S03, S1 to S41, Z1 to Z39

M

VHF:A2 to A13 / UHF: A14 to A79 /
CATV:A-8 to A-2, A to W+4, W+6 to W+84

Terminals

VIDEO IN1/2/3: S  / 

S VIDEO (4-pin mini DIN):S 
Y:1.0 Vp-p, 75 ohms unbalanced, sync negative
C:0.286 Vp-p (Burst signal), 75 ohms

VIDEO: 
1 Vp-p, 75 ohms unbalanced, sync negative

AUDIO: 
500 mVrms
Impedance: 47 kilohms

HD/DVD IN 1/2: 

YPbPr (Component Video) :

Y : 1.0 Vp-p, 75 ohms unbalanced, sync negative
Pb : 0.7 Vp-p, 75 ohms
Pr : 0.7 Vp-p, 75 ohms
Signal format : 480i, 576i, 480p, 576p, 720p,1080i

AUDIO: 
500 mVrms
Impedance: 47 kilohms

VIDEO OUT: 

VIDEO: 
1 Vp-p, 75 ohms unbalanced, sync negative

AUDIO: 
More than 1 Vrms at the maximum volume setting
(Variable)
More than 500 mVrms (Fixed)

PC : 

D-sub 15-pin, analogue RGB, 0.7 Vp-p,
75 ohms, positive
See the PC Input Signal Compatibility Chart on page38

AUDIO : 
Stereo minijack, 0.5 Vrms, 1 kilohm

Headphones 

Stereo minijack

Sound Output

KLVS40A10: 10 W + 10 W

KLVS32A10: 10 W + 10 W

KLVS26A10: 10 W + 10 W

KLVS23A10: 5 W + 5 W

Design and specifications are subject to change
without notice.

SECTION 6

EXPLODED VIEWS

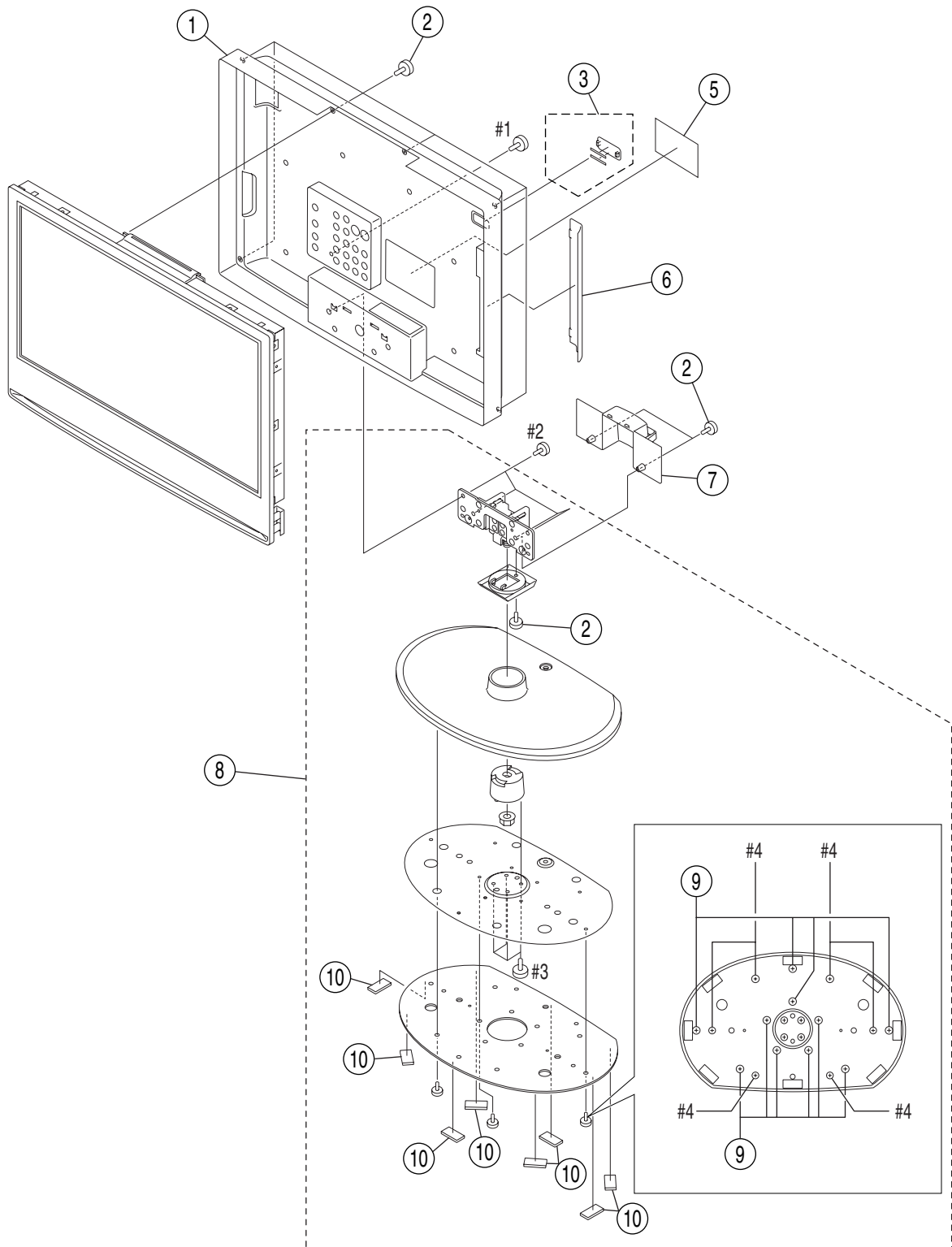
NOTE:

The components identified $\triangle$ marked are critical for safety.
Replace only with the part number specified.

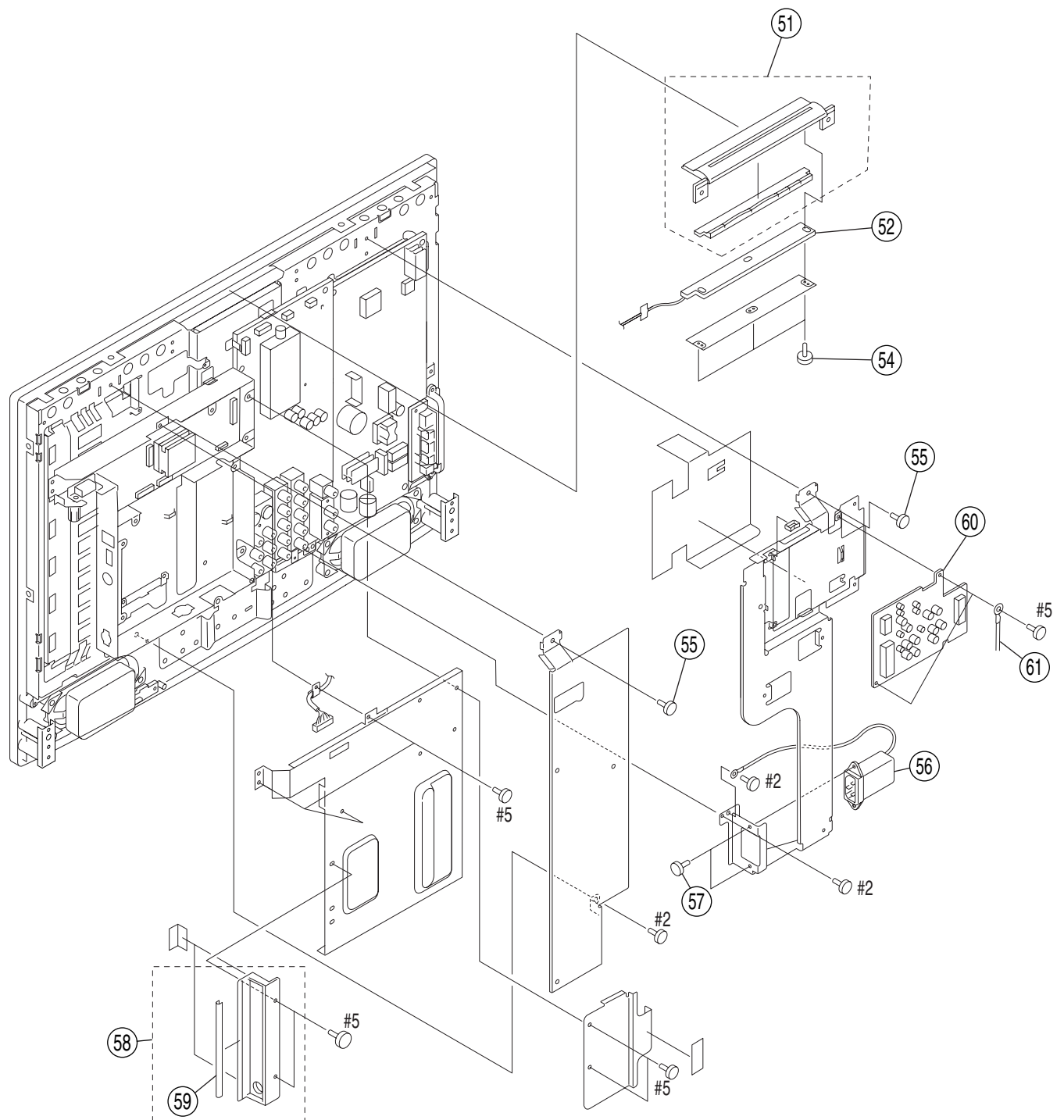
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

6-1. KLV-S23A10

6-1-1. REAR CABINET ASSY AND STAND ASSY

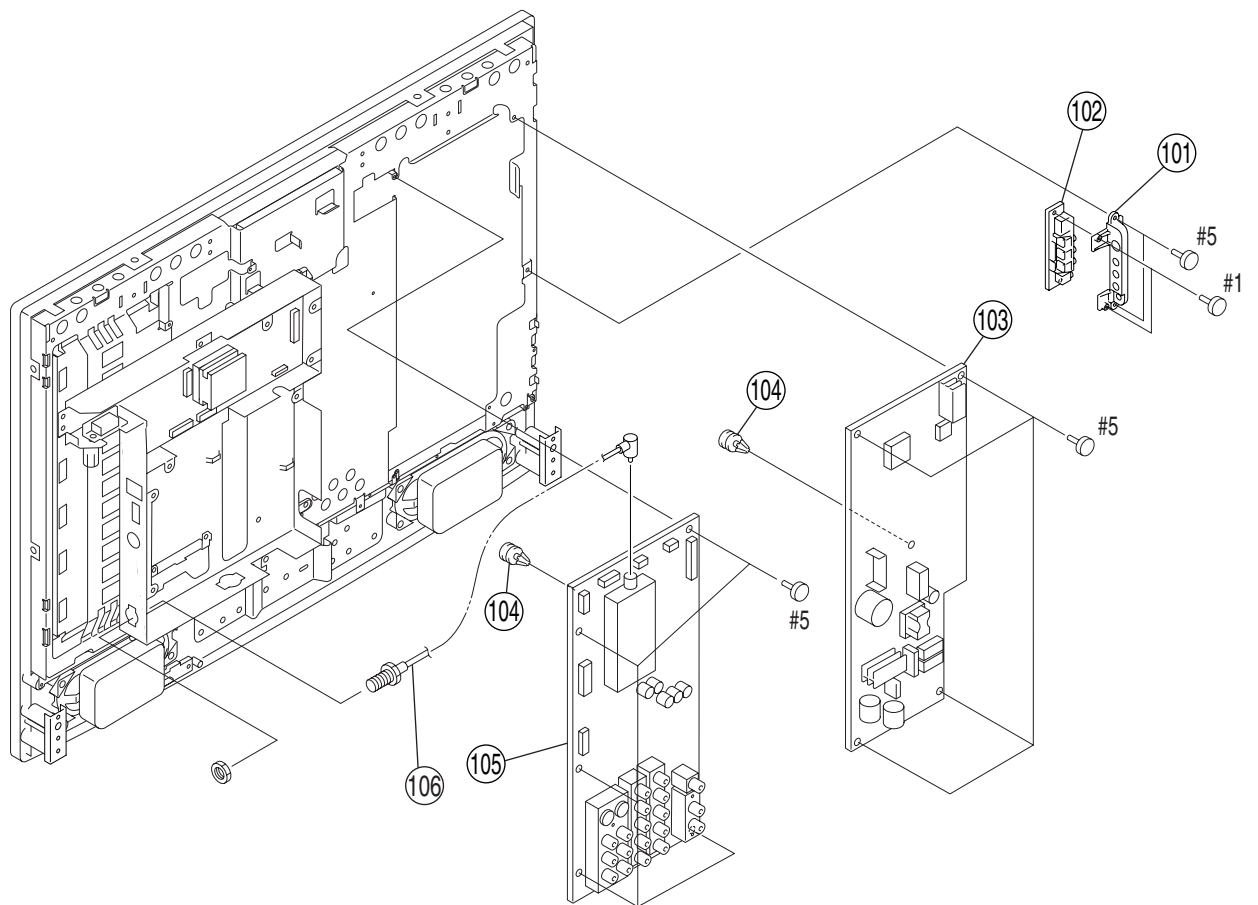


KLV-S23A10
6-1-2. CHASSIS-1



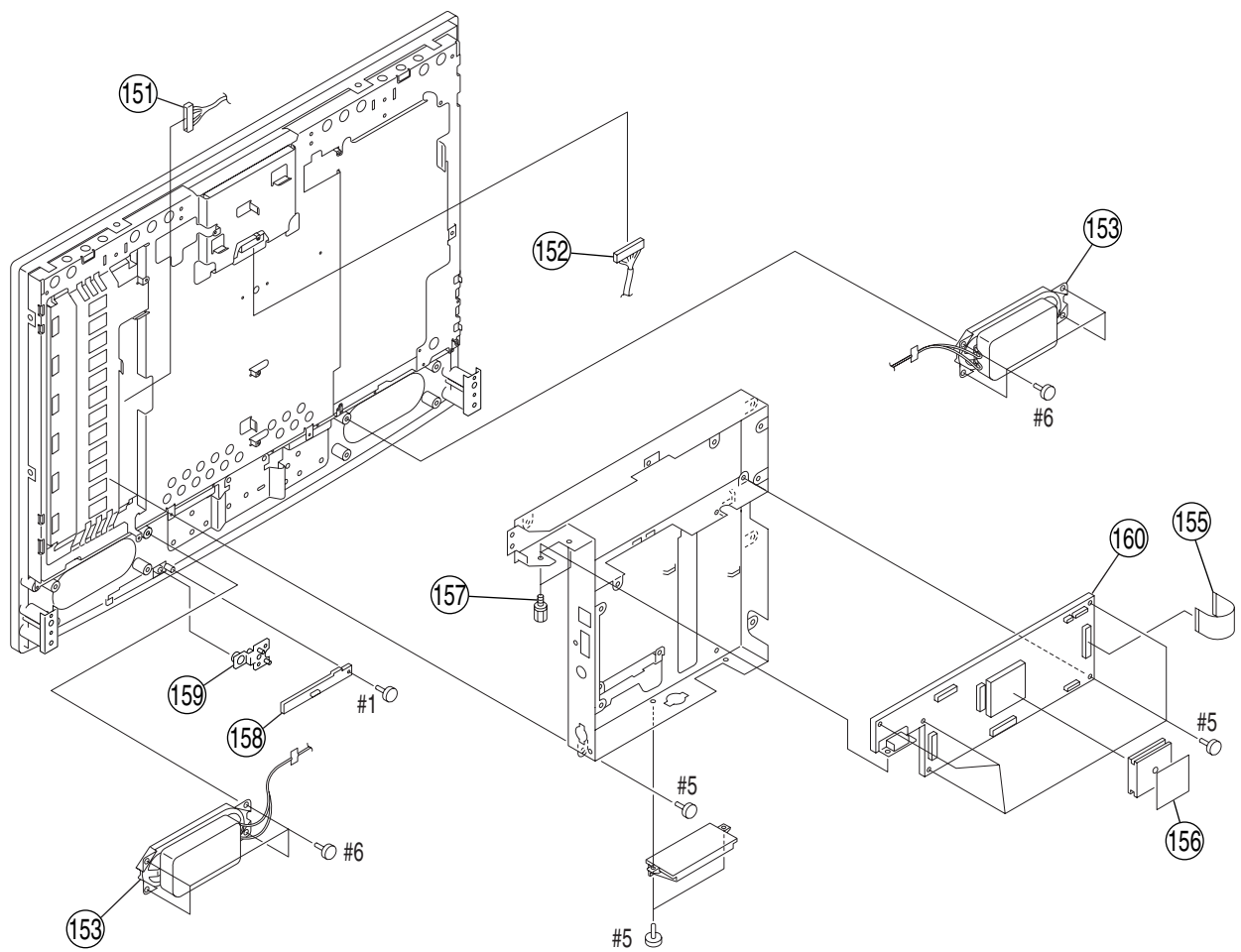
KLV-S23A10

6-1-3. CHASSIS-2



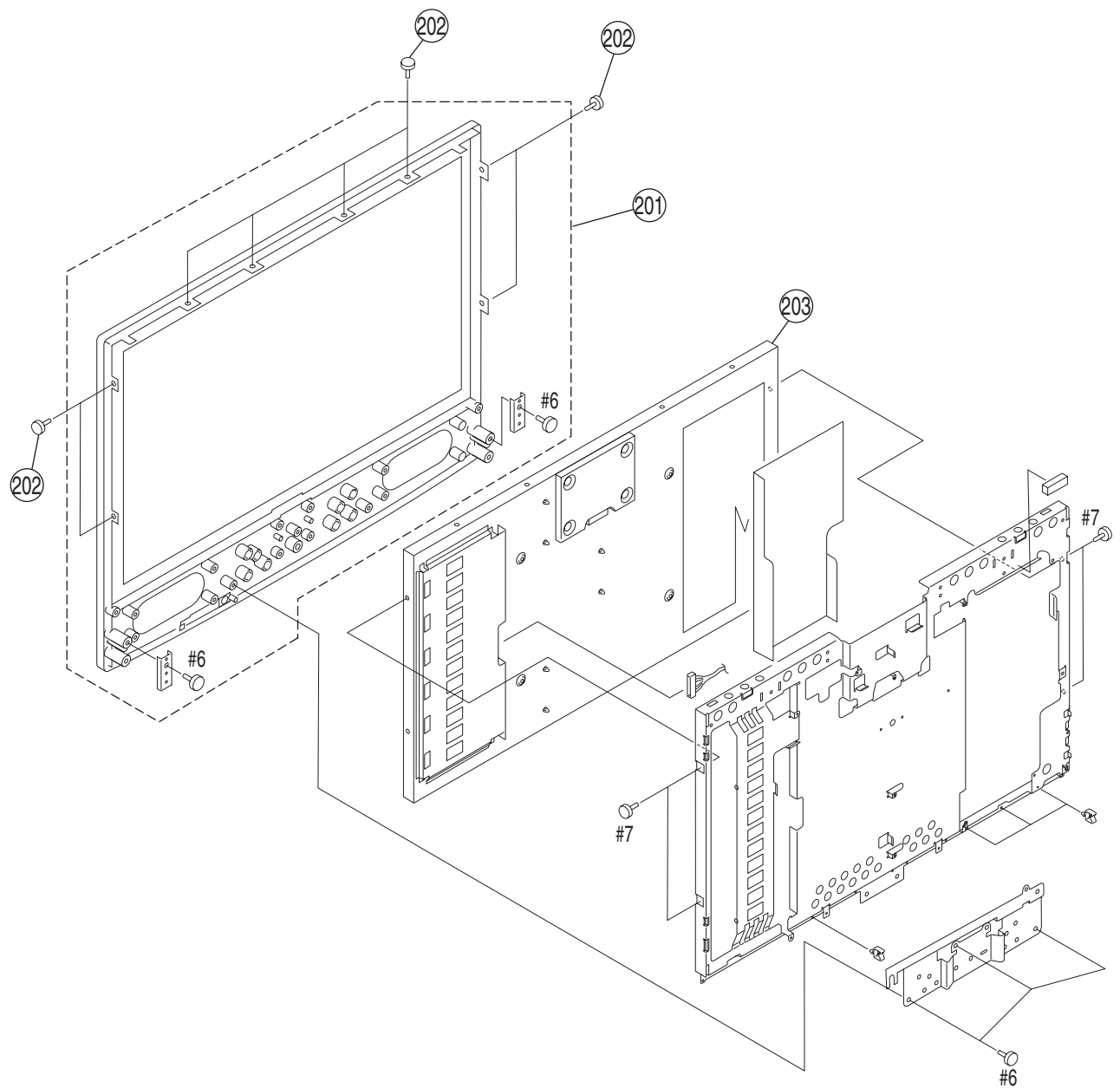
KLV-S23A10

6-1-4. CHASSIS-3



KLV-S23A10

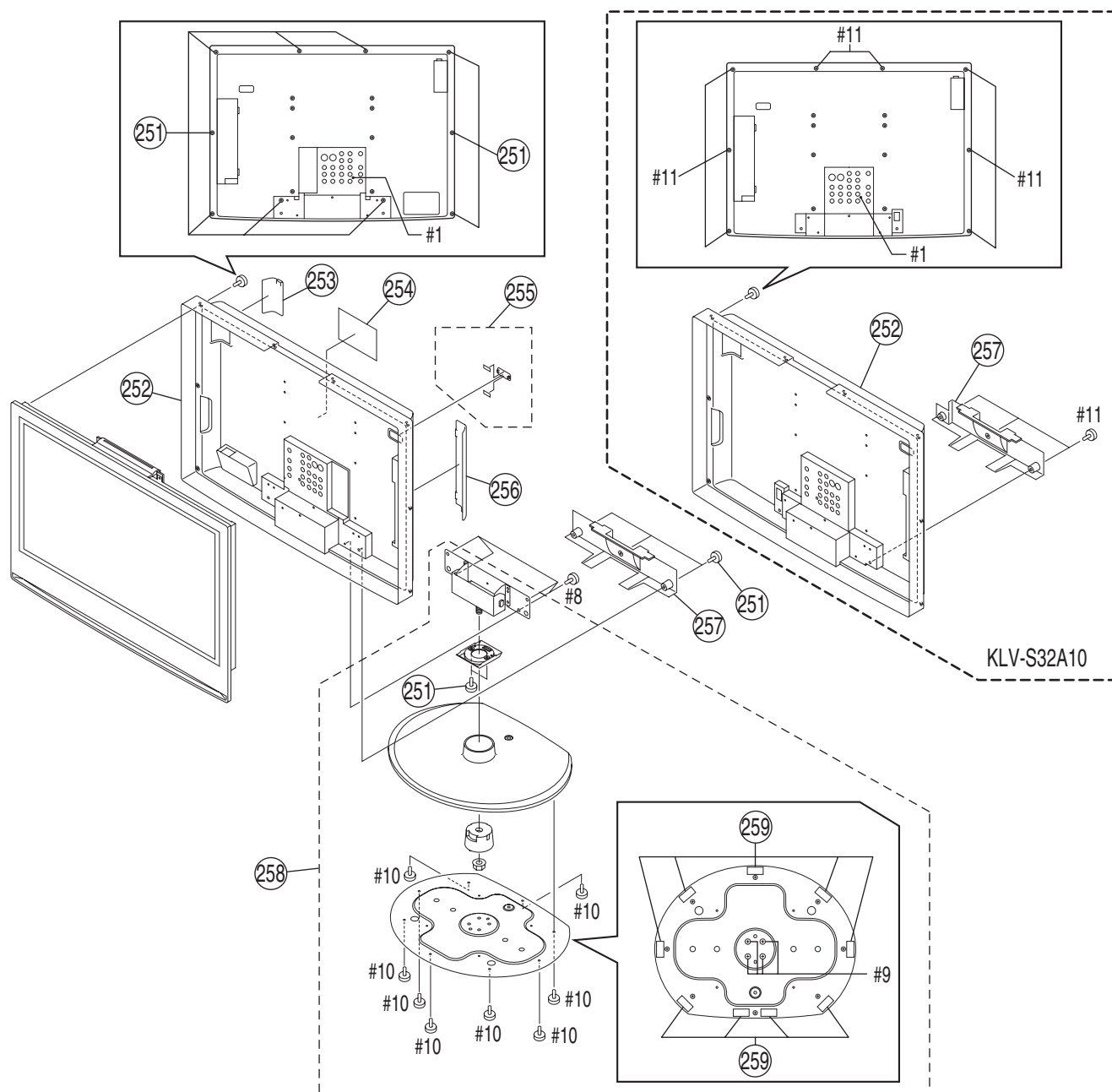
6-1-5. LCD PANEL



Note: Illustrations are created based on KLV-S26A10.

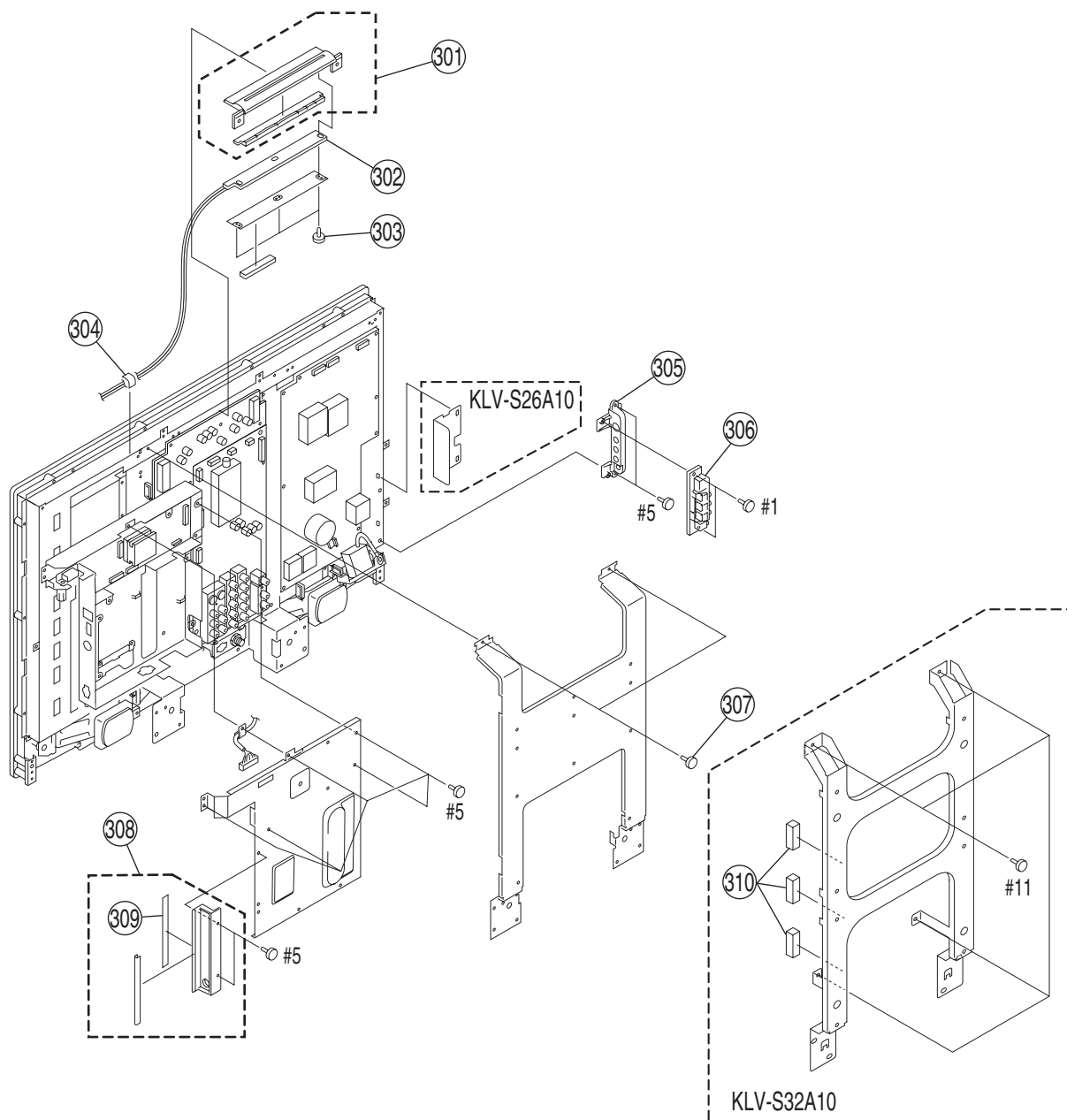
6-2. KLV-S26A10/S32A10

6-2-1. REAR CABINET ASSY AND STAND ASSY



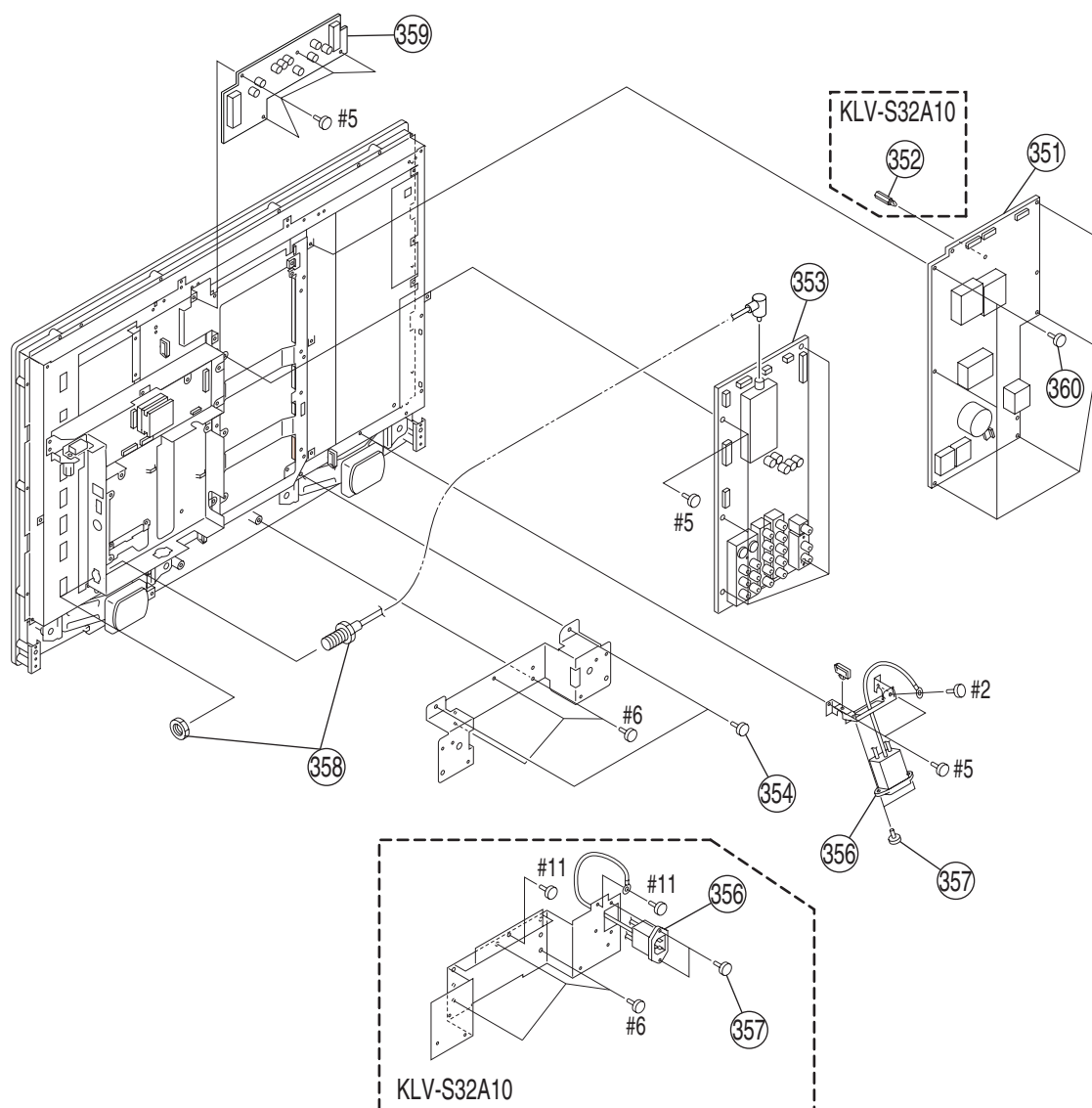
KLV-S26A10/S32A10

6-2-2. CHASSIS-1



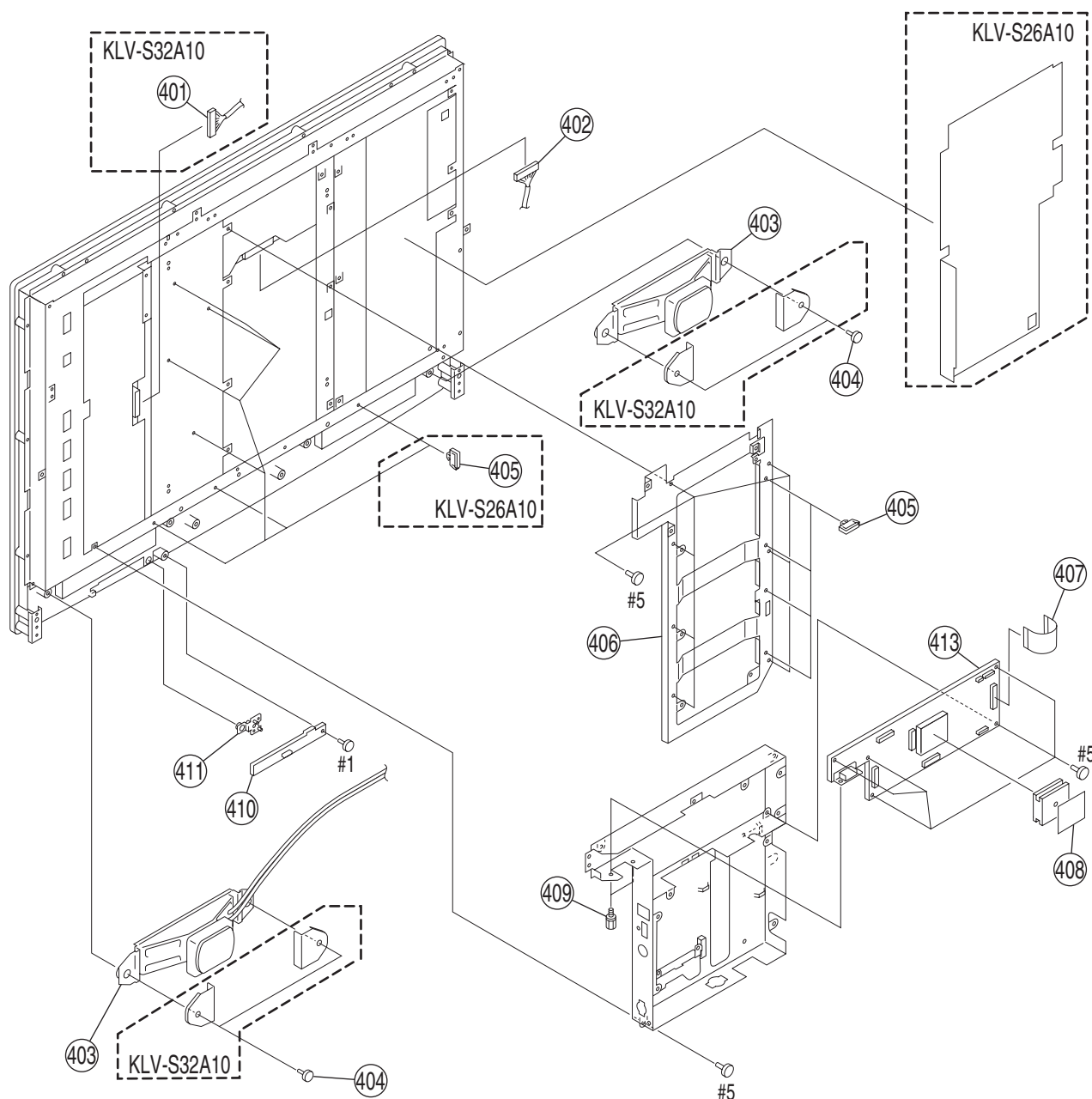
KLV-S26A10/S32A10

6-2-3. CHASSIS-2



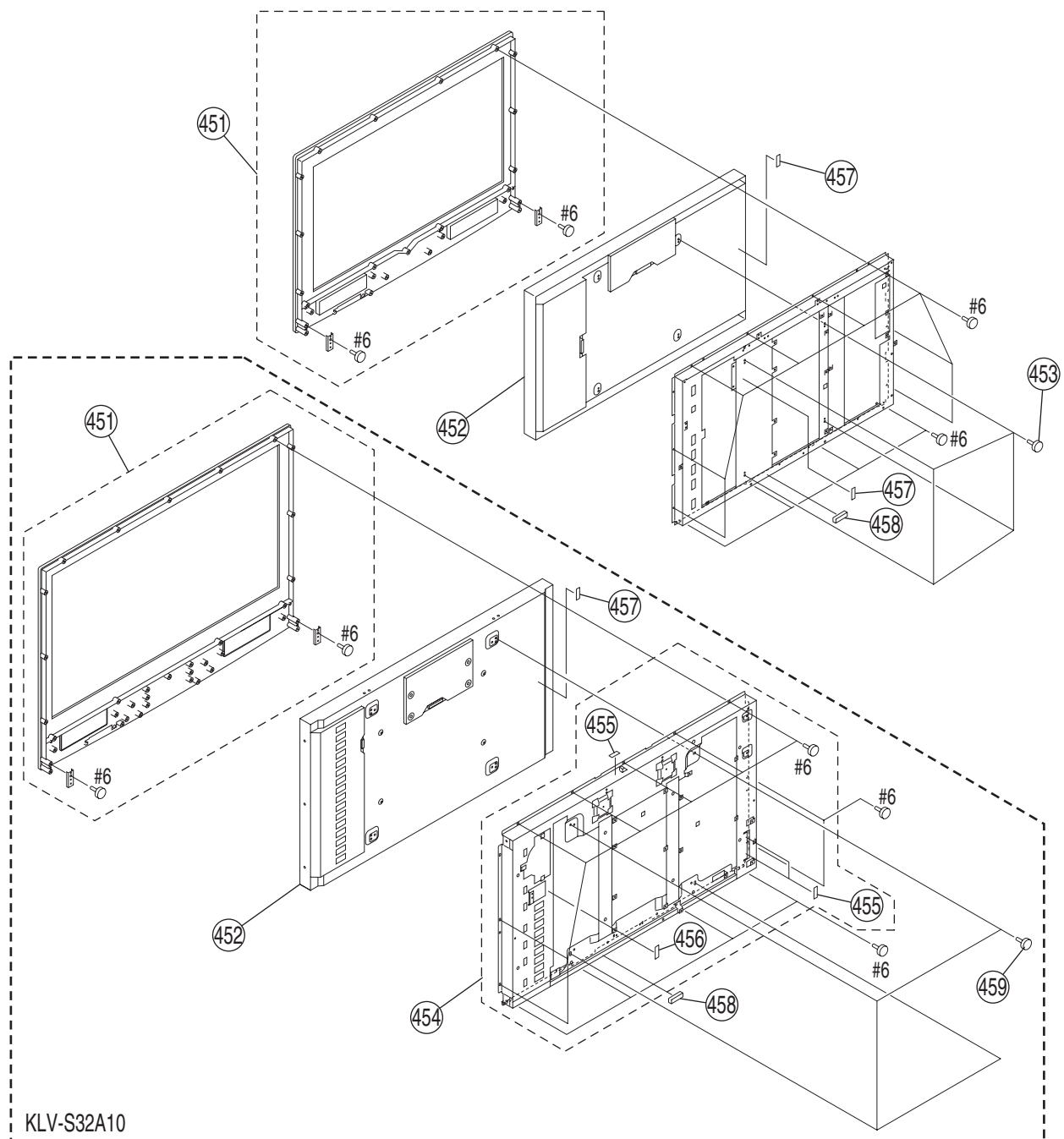
KLV-S26A10/S32A10

6-2-4. CHASSIS-3



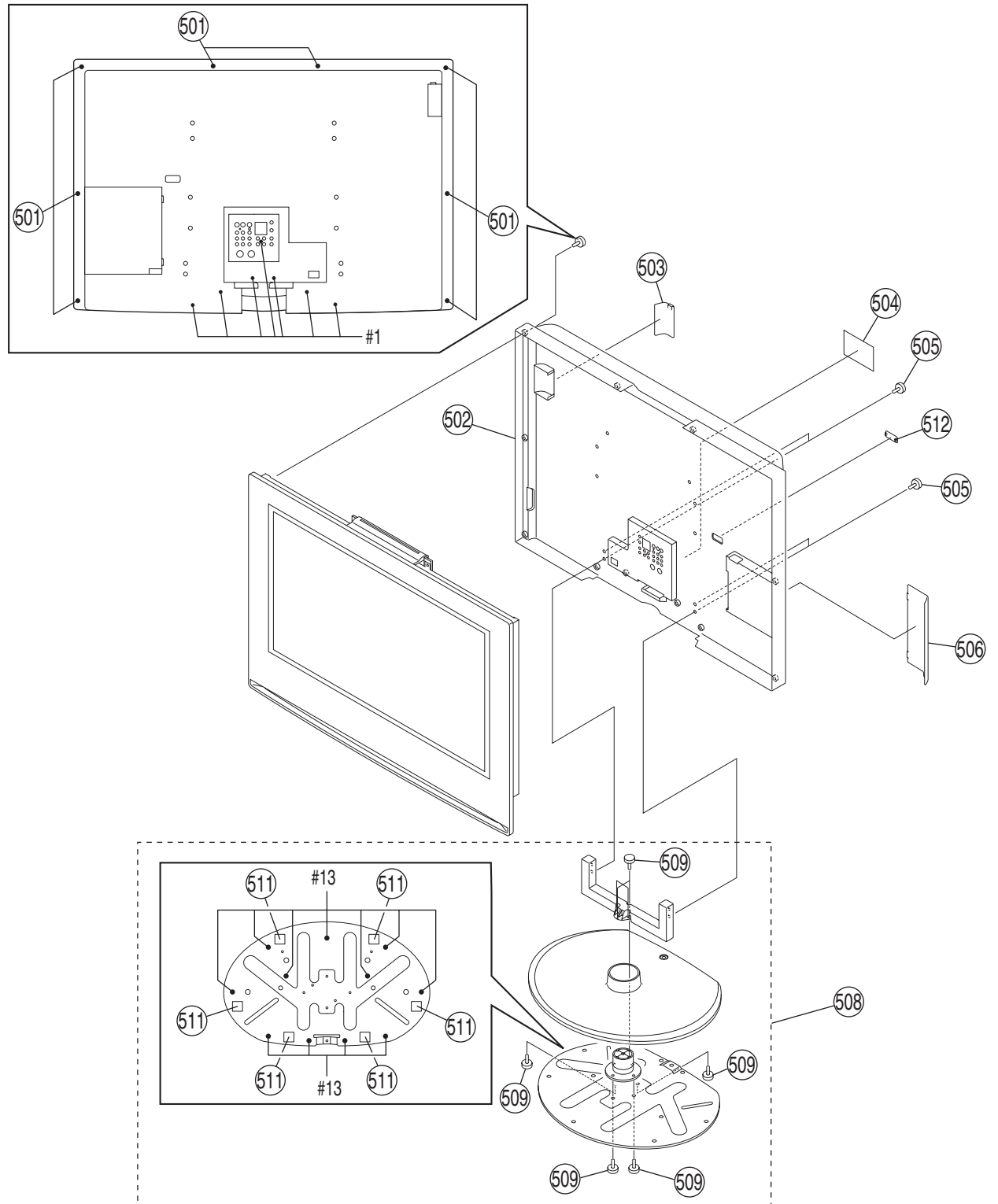
KLV-S26A10/S32A10

6-2-5. LCD PANEL



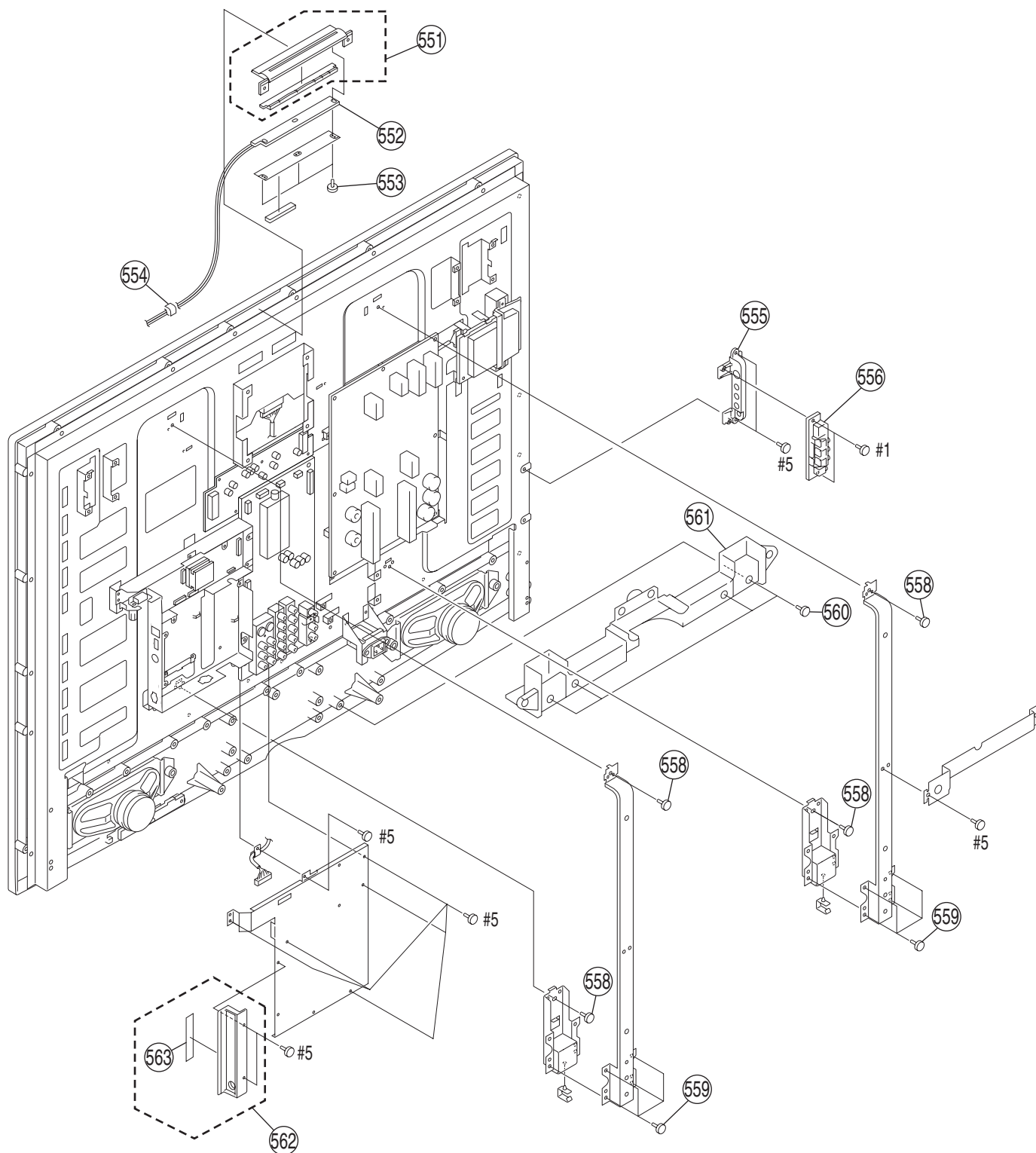
6-3. KLV-S40A10

6-3-1. REAR CABINET ASSY AND STAND ASSY



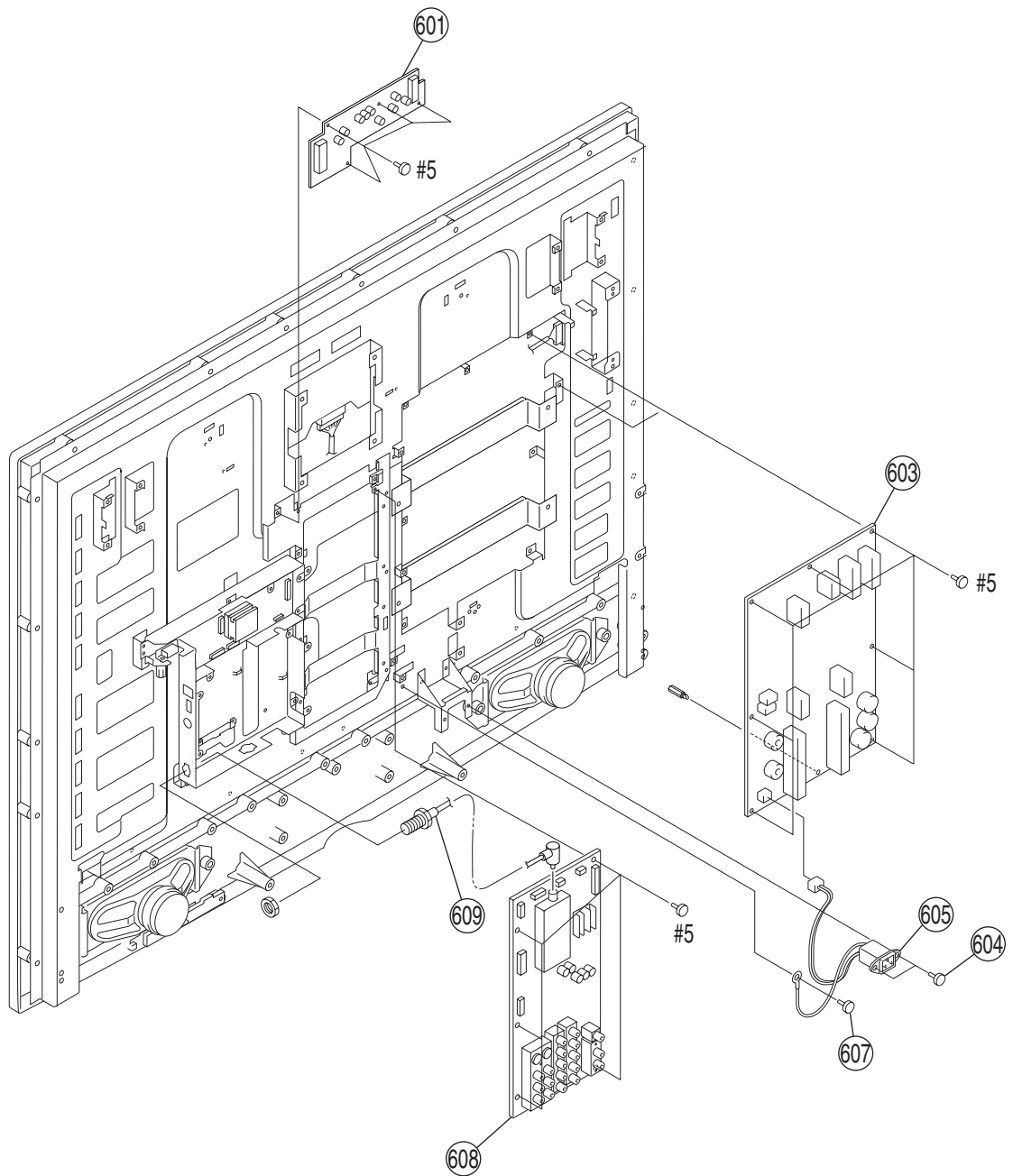
KLV-S40A10

6-3-2. CHASSIS-1



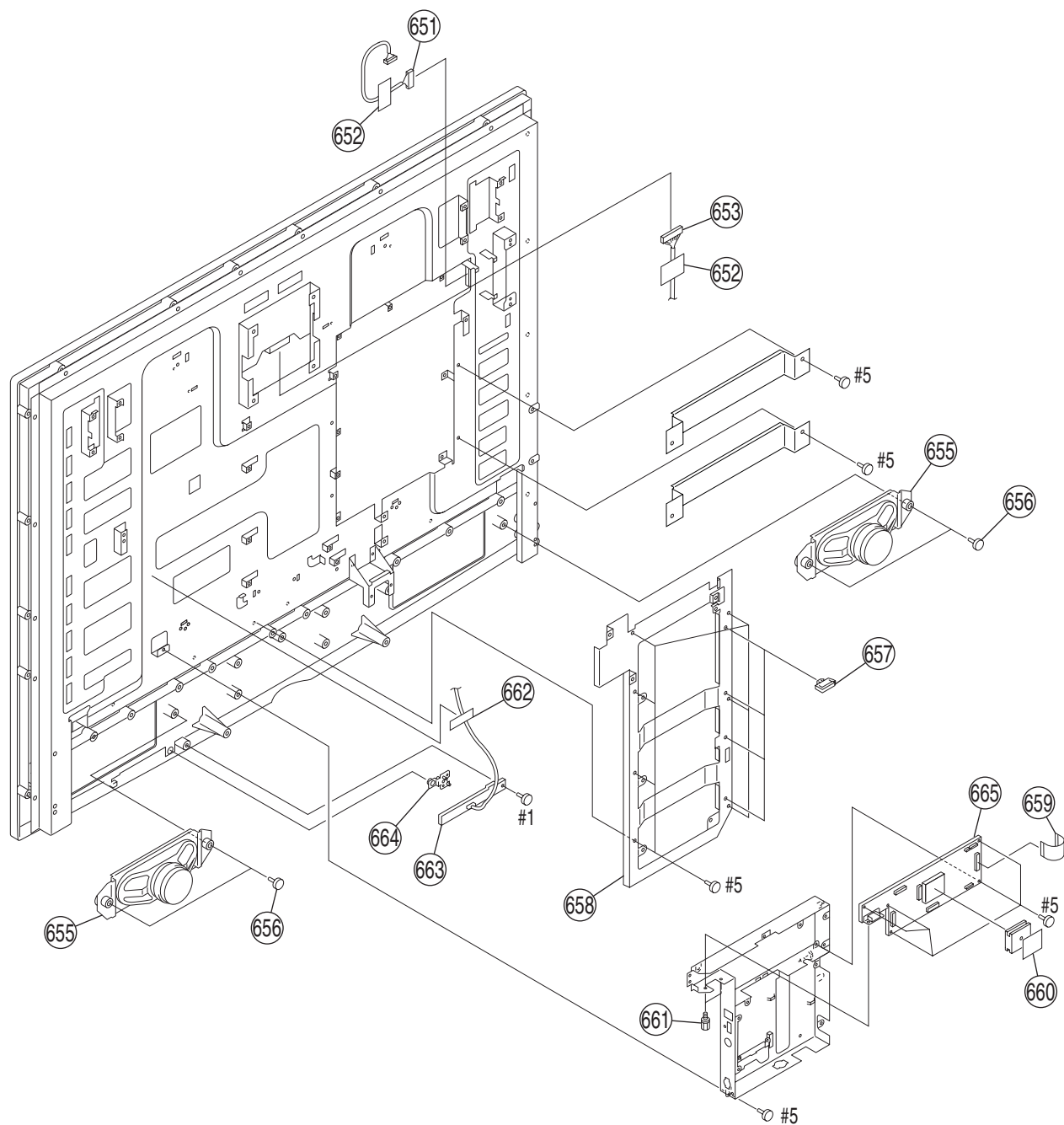
KLV-S40A10

6-3-3. CHASSIS-2



KLVS40A10

6-3-4. CHASSIS-3



KLV-S40A10

6-3-5. LCD PANEL

