

# DISASSEMBLY PROCEDURE

## A Assembly

### 1 Meter Panel

- 1-1 Remove the screws marked [210], [220] and [230].  
 The Meter Panel can then be removed. (Fig. 1)  
 The type and quantity of the screws marked [210]  
 and [220] are:

[210]: 24CH:10, 32CH:11, 40CH:13, 48CH:14, 56CH:15  
 [220]: 24CH:7, 32CH:8, 40CH:9, 48CH:10, 56CH:11

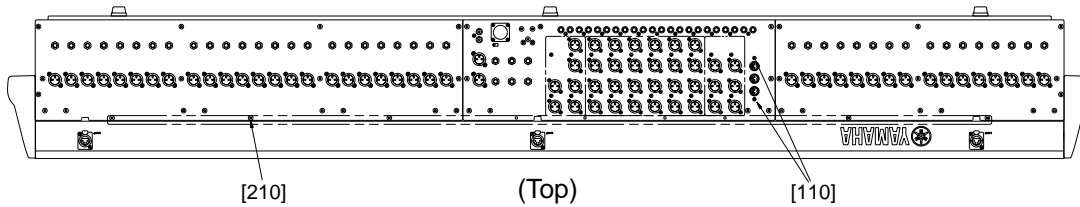
### 2 MONO Assembly

- 2-1 Remove the meter panel (See Procedure 1.)  
 2-2 Remove the screws marked [160] and [180]. (Fig. 1)  
 Lift the fader side of the control panel and then  
 remove the MONO Assembly by pulling it forward.

[160]: 40CH:21, 56CH:31  
 [180]: 24CH:26, 32CH:31, 40CH:26, 48CH:52, 56CH:26

#### • Rear view

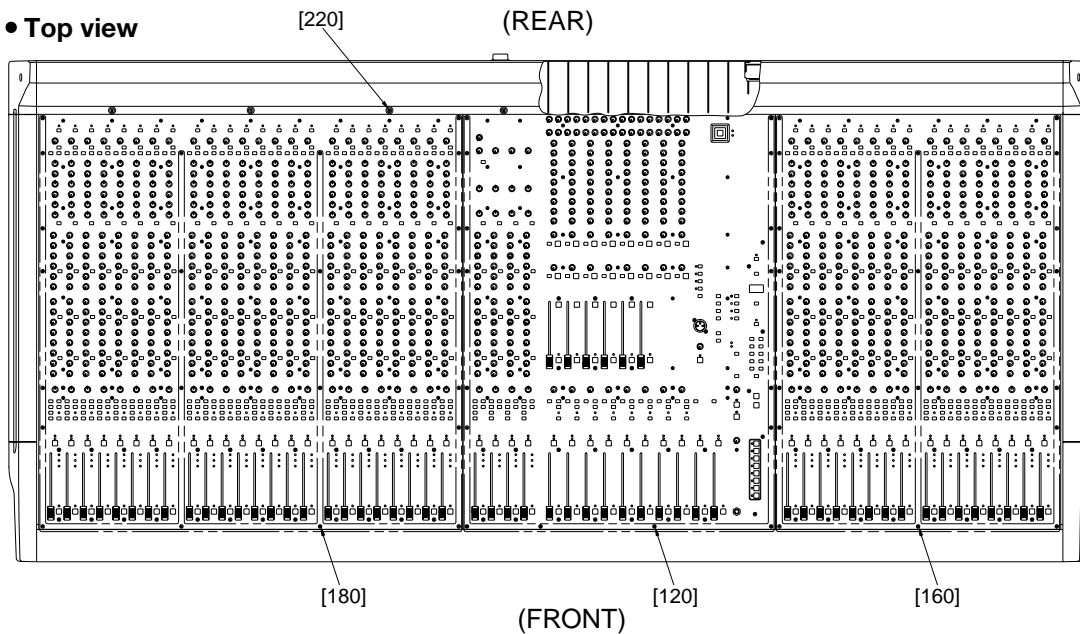
(Bottom)



(Top)

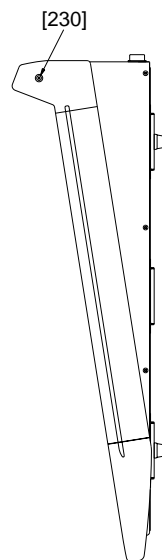
#### • Top view

(REAR)



(FRONT)

#### • Side view



- [120]: Bind Head Tapping Screw-B 3.0X8 FMZN2BL (EP600190)  
 [160]: Bind Head Tapping Screw-B 3.0X8 FMZN2BL (EP600190)  
 [180]: Bind Head Tapping Screw-B 3.0X8 FMZN2BL (EP600190)  
 [210]: Bind Head Tapping Screw-B 4.0X8 FMZN2BL (EG340190)  
 [220]: Bind Head Screw 4.0X8 FMZN2BL (EG340360)  
 [230]: Bind Head Screw 4.0X25 MFZN2BL

Fig.1

**3 MASTER Assembly**

- 3-1 Remove the meter panel. (See Procedure 1.)
- 3-2 Remove the twenty [20] screws marked [120]. Lift the fader side of the control panel, remove the connectors and then remove the MASTER Assembly by pulling it forward. (Fig. 1)

**B Circuit Board**

**1 MONO Assembly**

- 1-1 Remove the meter panel. (See Procedure A1.)
- 1-2 Remove the MONO assembly. (See Procedure A2.)
- 1-3 Remove the following circuit boards by removing the screws indicated for each of them. (Fig. 2)

Circuit Board & Unit	Ref No.	PARTS NAME	PARTS No.	Q'ty
IN1	40	Hexagon Socket Tapping Screw-P 3X25 MFZNBL	V3289800	11
IN2	70	Hexagon Socket Tapping Screw-P 3X25 MFZNBL	V3289800	9
IN3	130	Bind Head Tapping Screw-B 3.0X8 MFZN2BL	EP600190	8
IN4	150	PCB Support CS-0305 KSS	EP600230	4

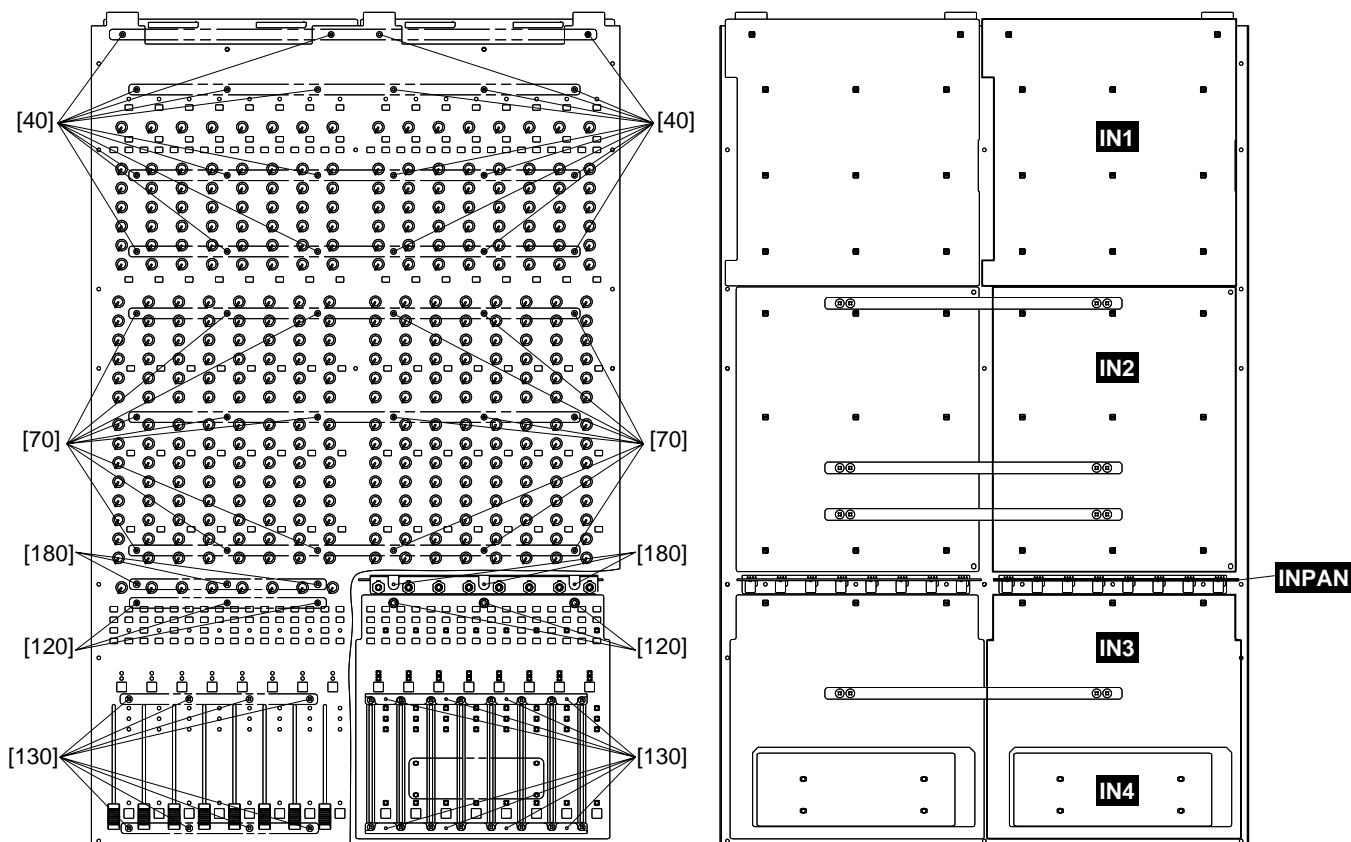


Fig.2

**2 MASTER Assembly**

- 2-1 Remove the meter panel. (See Procedure A1.)
- 2-2 Remove the MASTER assembly. (See Procedure A3.)
- 2-3 Remove the following circuit boards according to the listed order by removing the screws indicated for each of them. (Fig3)

Circuit Board & Unit	Ref No.	PARTS NAME	PARTS No.	Q'ty
ST1	60	Hexagon Socket Tapping Screw-P 3X25 MFZNBL	V3289800	8
ST2	90	Hexagon Socket Tapping Screw-P 3X25 MFZNBL	V3289800	6
ST3	150	Hexagon Socket Tapping Screw-P 3X25 MFZNBL	V3289800	2
	140	Bind Head Tapping Screw-B 3.0X8 MFZN2BL	EP600190	4
ST4	170	PCB Support CBS-6K		4

Circuit Board & Unit	Ref No.	PARTS NAME	PARTS No.	Q'ty
MAS1	220	Hexagon Socket Tapping Screw-P 3X25 MFZNBL	V3289800	12
MAS2 1/2	280	Hexagon Socket Tapping Screw-P 3X25 MFZNBL	V3289800	8
	270	Bind Head Tapping Screw-B 3.0X8 MFZN2BL	EP600190	6
MAS2 2/2	290	Bonding Tapping Screw-B 3.0X8 MFZN2BL	VN413300	2
MAS3 1/2	350	Hexagon Socket Tapping Screw-P 3X25 MFZNBL	V3289800	5
	340	Bind Head Tapping Screw-B 3.0X8 MFZN2BL	EP600190	10
MAS3 2/2		Nut		
MASSPAN 1/2	400	Bind Head Tapping Screw-B 3.0X8 MFZN2BL	EP600190	2
MASSPAN 2/2	400	Bind Head Tapping Screw-B 3.0X8 MFZN2BL	EP600190	2

Circuit Board & Unit	Ref No.	PARTS NAME	PARTS No.	Q'ty
CTRL 1/5-4/5	470	Bind Head Tapping Screw-B 3.0X8 MFZN2BL	EP600190	12
CTRL 5/5	110*1	Bonding Tapping Screw-B 3.0X8 MFZN2BL	VN413300	2

\*1 OVERALL ASSEMBLY

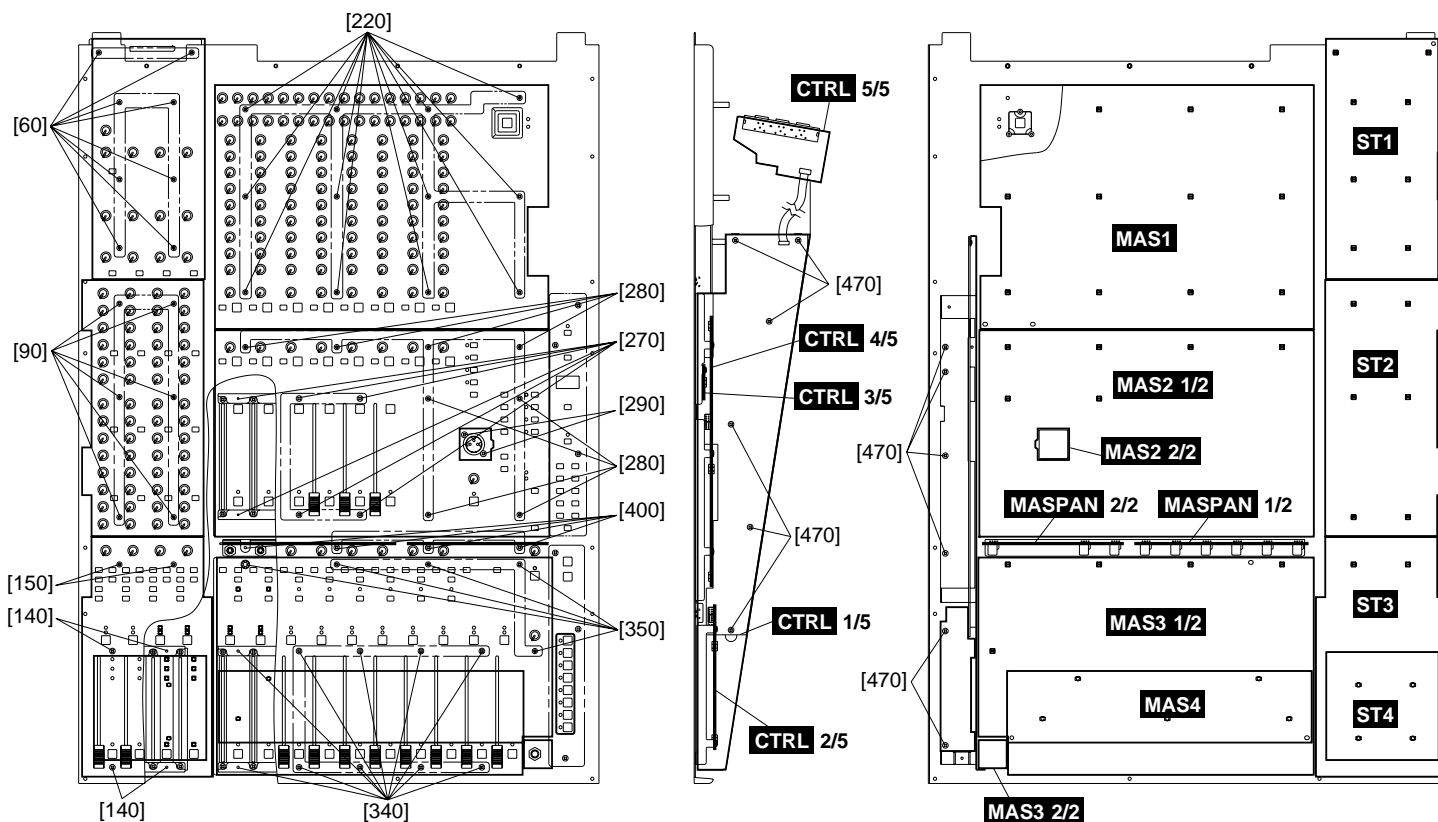
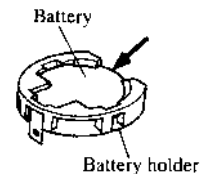


Fig.3

**Battery VN103500**

VN103600(Battery holder for VN103500)

- Notice for back-up battery removal  
Push the battery as shows in figure, then the battery will pop up.
- Druk de batterij naar beneden zoals aangeven in de tekening, de batterij springt dan naar voren.



\* Note that the battery is installed on the CTRL circuit board but it is not a component part.

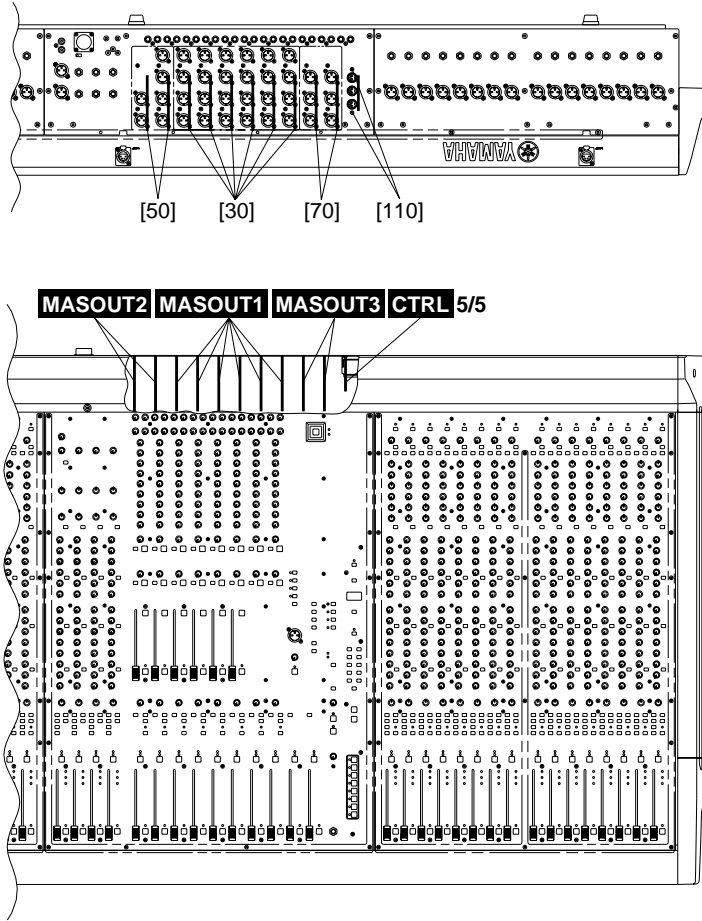
**3 MASOUT 1, 2, 3**

- 3-1 Remove the meter panel. (See Procedure A1.)
- 3-2 Remove the MASTER assembly. (See Procedure A3.)
- 3-3 Remove the twelve (12) screws marked [30] from the rear panel. The MASOUT 1 circuit board can then be removed. (Fig. 4)
- 3-4 Remove the forty-eight (48) screws marked [50] from the rear panel. The MASOUT 2 circuit board can then be removed. (Fig. 4)
- 3-5 Remove the twelve (12) screws marked [70] from the rear panel. The MASOUT 3 circuit board can then be removed. (Fig. 4)

**4 ISRT 1/6 ~ 6/6**

- 4-1 Remove the meter panel. (See Procedure A1.)
- 4-2 Remove the MASTER assembly. (See Procedure A3.)
- 4-3 Remove the MONO assembly. (See Procedure A2.)  
Remove the following circuit boards according to the listed order by removing the screws indicated for each of them.

<b>Circuit Board &amp; Unit</b>	<b>Ref No.</b>	<b>PARTS NAME</b>	<b>PARTS No.</b>	<b>Q'ty</b>
<b>ISRT 1/6</b>	380	PCB Support CBS-6K GIN LIAN	VZ336600	4
<b>ISRT 2/6</b>	420	Bind Head Screw 4.0X8 MFZN2BL	EG340360	4
	440	Bind Head Screw 4.0X8 MFZN2BL	EG340360	4
	390	Bind Head Tapping Screw-B 3.0X8 MFZN2BL	EP600190	8
<b>ISRT 3/6</b>	440	Bind Head Screw 4.0X8 MFZN2BL	EG340360	4
	390	Bind Head Screw 4.0X8 MFZN2BL	EG340360	4
<b>ISRT 4/6</b>	390	Bind Head Screw 4.0X8 MFZN2BL	EG340360	4
<b>ISRT 5/6</b>	390	Bind Head Screw 4.0X8 MFZN2BL	EG340360	4
<b>ISRT 6/6</b>	390	Bind Head Screw 4.0X8 MFZN2BL	EG340360	1



- [30]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [50]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)
- [70]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)

Fig.4

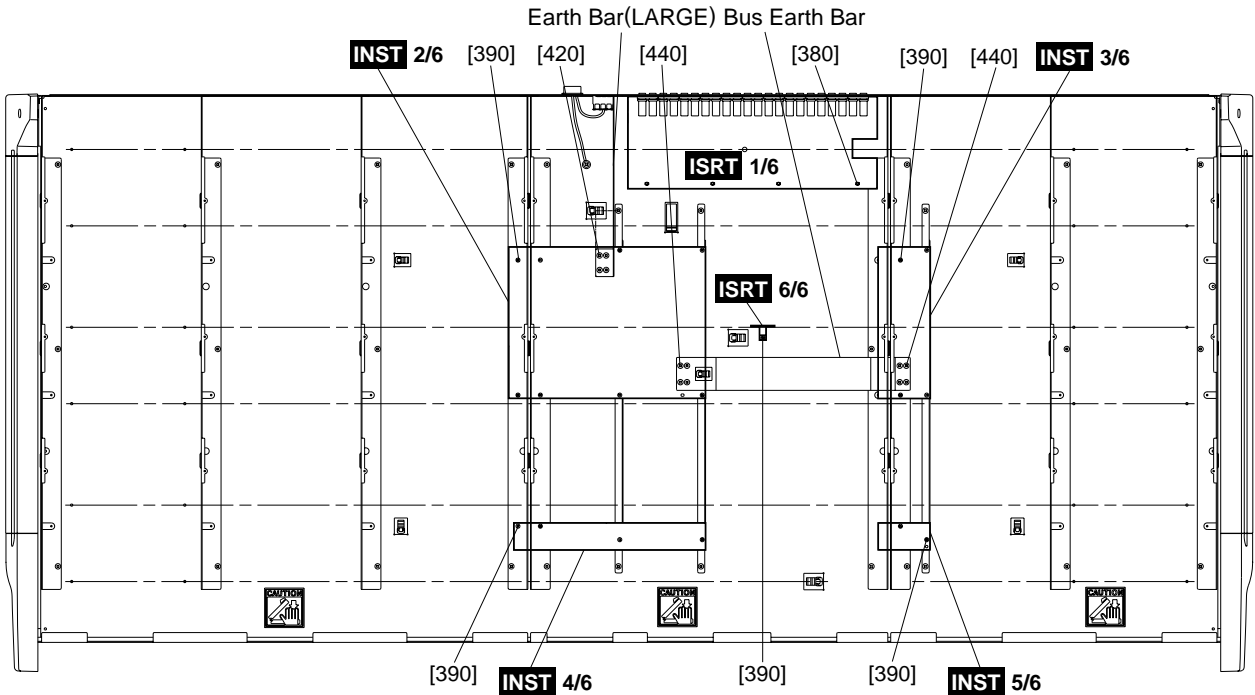


Fig.5

**5 INJK**

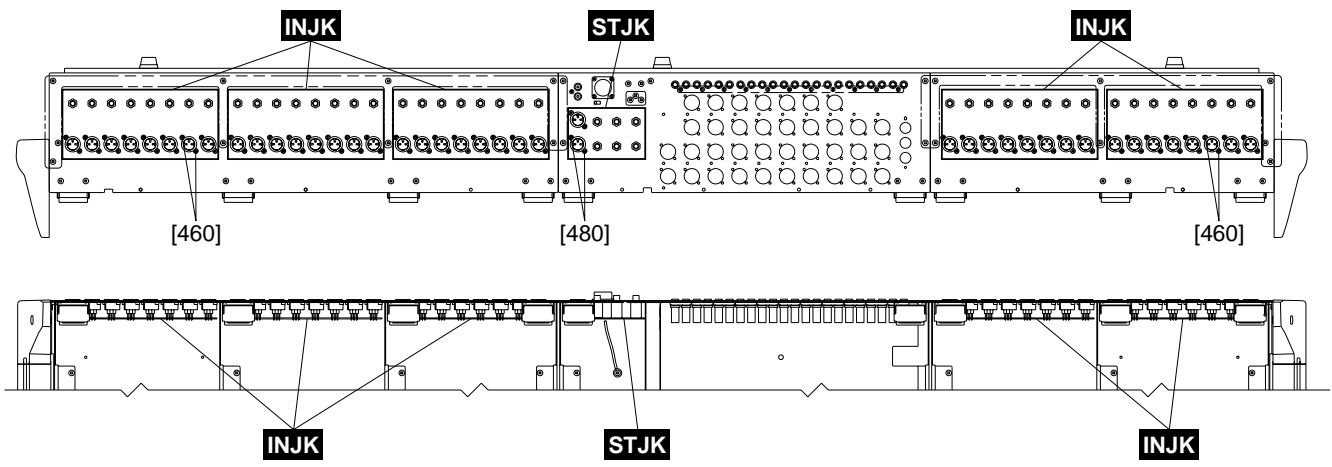
- 5-1 Remove the meter panel. (See Procedure A1.)
- 5-2 Remove the MONO assembly. (See Procedure A2.)
- 5-3 Remove the screws marked [460] and the hexagonalnuts marked [A] from the rear panel. The INJK can then be removed. (Fig. 6)

**6 STJK**

- 6-1 Remove the meter panel. (See Procedure A1.)
- 6-2 Remove the MASTER assembly. (See Procedure A3.)
- 6-3 Remove the two (2) screws marked [480] and the six (6) hexagonal nuts marked [B] from the rear panel. The STJK can then be removed. (Fig. 6)

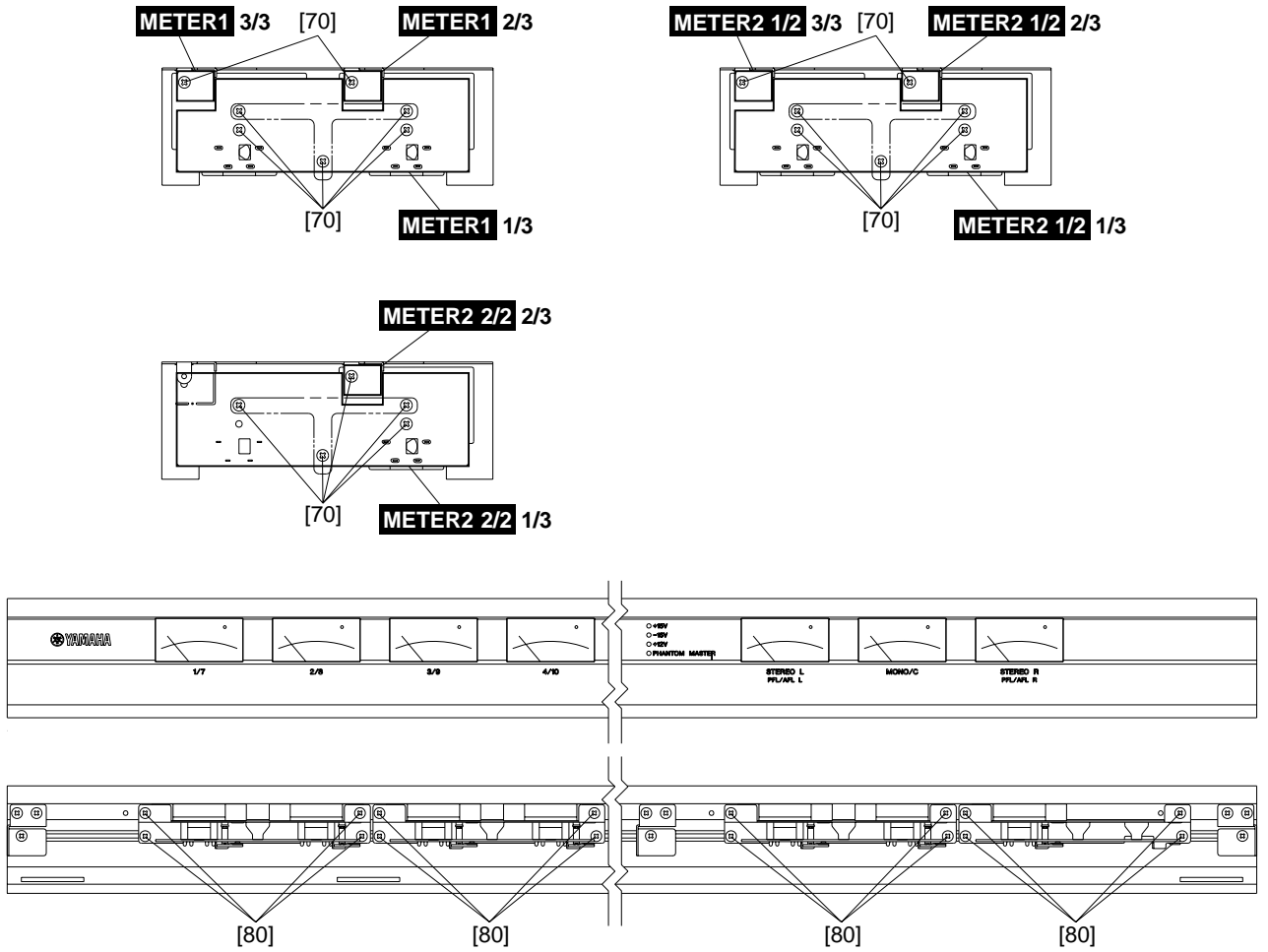
**7 Meter 1 and Meter 2**

- 7-1 Remove the meter panel. (See Procedure A1.)
- 7-2 Remove the four (4) screws marked [80]. The Meters can then be removed. (Fig. 7)
- 7-3 Remove the Meter 1 1/3 to 3/3 circuit boards by removing the seven (7) screws marked [70]. (Fig. 7)
- 7-4 Remove the Meter 2 1/2 circuit board by removing the seven (7) screws marked [70]. (Fig. 7)
- 7-5 Remove the Meter 2 2/2 circuit board by removing the five (5) screws marked [70]. (Fig. 7)



[460]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)  
 [480]: Bonding Tapping Screw-B 3.0X8 MFZN2BL (VN413300)

Fig.6



[70]: Bind Head Tapping Screw-B 3.0X8 MFZN2BL (EP600190)

Fig.7