



# BASSMAN® 410 PRO SL LOUDSPEAKER

(This is the model name for warranty claims)

p/n 2217000000 (120V)

# SERVICE MANUAL



## CONTENTS:

<a href="#">Notices</a> .....	2
<a href="#">Specifications</a> .....	3
<a href="#">Service Notes</a> .....	4
Parts Lists:	
<a href="#">PCB Assembly</a> .....	5
<a href="#">Input Assembly</a> .....	5
<a href="#">Cabinet Assembly</a> .....	5
<a href="#">End Item Assembly</a> .....	5
<a href="#">Service Diagrams</a> .....	6



# BASSMAN® 410 PRO SL LOUDSPEAKER

(This is the model name for warranty claims)

June, 2002

## IMPORTANT NOTICE

• Copyright © 2002 FMIC. All rights reserved. All information contained herein is CONFIDENTIAL and PROPRIETARY and is the property of Fender® Musical Instruments Corporation. It is not to be sold or assigned to another party and is disclosed solely for use by Fender Authorized Service Centers for purposes of product service and maintenance. All information is not to be disclosed to others without the expressed permission of Fender® Musical Instruments Corporation. All

specifications are subject to change without notice. This information and any copies produced electronically or otherwise must be surrendered upon demand of Fender Musical Instruments Corporation.

• Parts marked with two asterisks (\*\*) indicate the required use of that specific part. This is necessary for RELIABILITY and SAFETY requirements. **DO NOT USE A SUBSTITUTE!**

## PARTS LIST CODES

The description codes used in the itemized Parts Lists are defined below:

### CAPACITOR CODES

CAP AE = Aluminum Electrolytic  
CAP CA = Ceramic Axial  
CAP CD = Ceramic Disk  
CAP MPF = Metalized Polyester Film  
CAP MY = Mylar  
CAP PFF = Polyester Film/Foil

### RESISTOR CODES

RES CC = Carbon Comp  
RES CF = Carbon Film  
RES FP = Flame Proof  
RES MF = Metal Film  
RES WW = Wire Wound

### HARDWARE CODES

BLX = Black Oxide  
CR = Chrome Plated  
HWH = Hex Washer Head  
M = Machine Screw  
NI = Nickel Plated  
OHP = Oval Head Phillips  
PB = Particle Board  
PHP = Pan Head Phillips  
PHPS = Pan Head Phillips Sems  
SMA = Sheet Metal "A" Point  
SMB = Sheet Metal "B" Point  
SS = Stainless Steel  
TF = Thread Forming  
ZI = Zinc Plated



# BASSMAN® 410 PRO SL LOUDSPEAKER

(This is the model name for warranty claims)

## SPECIFICATIONS

<b>Model Name:</b>	Bassman 410 Pro SL
<b>Release Number:</b>	PR 523 <i>(Not a model number)</i>
<b>Part Number:</b>	2217000000
<b>Impedance:</b>	8 ohms
<b>Sensitivity:</b>	94 dB, 1 Watt – 1 meter
<b>Power Handling:</b>	300 Watts, Continuous 600 Watts, Program
<b>Drivers:</b>	Four 10" (25.4 cm) Fender® Special Design cast frame Woofers, 2" (5.1 cm) Voice Coil, 44 oz. (1.25 kg) Magnet (p/n 057982)  One Horn Tweeter 1" (2.5 cm) Voice Coil, 8 oz. (0.23 kg) Magnet
<b>Connections:</b>	Dual, parallel wired, 1/4" (6.35 mm) high current Input Jacks and Binding Posts
<b>Cabinet:</b>	3/4" (1.9 cm) 7-ply Birch-Maple Plywood
<b>Enclosure Volume:</b>	$V_B = 4.4 \text{ ft}^3$ (125 l)
<b>Dimensions</b>	<b>Height:</b> 25 1/2 in (64.8 cm) <b>Width:</b> 25 1/2 in (64.8 cm) <b>Depth:</b> 18 1/2 in (47.0 cm)
<b>Weight:</b>	78 lbs (35.5 kg)



## SERVICE NOTES

**INPUT PANEL** removal is required for fuse replacement and is accomplished by following these steps:

1. Remove the 4 screws from the input panel corners.
2. Pull the panel out, then up.

3. Use a small flathead screwdriver to remove the blown lamp, which is visible through a cutout in the circuit board.
4. Remove the spare lamp stowed on the side of the circuit board and install it where the blown lamp was removed.
5. Install the input jack plate in the reverse of removal.

## PCB EXCHANGE POLICY

Parts marked with a single asterisk (\*) in the Part Lists are not field replaceable. If a failure due to one of these components is detected, please con-

tact the Fender® dealer Customer Service Department to order the complete PCB Assembly.

**BASSMAN® 410 PRO SL LOUDSPEAKER**

(This is the model name for warranty claims)

PARTS LIST:		<b>PCB ASSEMBLY</b>	
QTY.	PART #	DESCRIPTION	REFERENCE DESIGNATION
1	0057979000	**PCB ASSEMBLY BASSMAN 410 PRO	
1	0057978000	PCB FABRICATION BASSMAN 410 PRO	
2	0051861000	CAP MPF RDL 3.3 UF 250V 10%	
4	0012555000	EYELET-ROLLED FLANGE G.S. 3-4	
1	0051858000	INDUCTOR AIR CORE .18 MH	
2	0029175000	JACK PHONE ¼" HI CURRENT PC	
4	0053475000	**LAMP CLIP	
2	0051857000	**LAMP TYPE 561	
1	0059613000	WIRE SET PCB BASSMAN 410 PRO	

PARTS LIST:		<b>INPUT ASSEMBLY</b>	
QTY.	PART #	DESCRIPTION	REFERENCE DESIGNATION
1	0057983000	INPUT ASSY BASSMAN 410 PRO	
1	0049348000	CONTROL L PAD 8 OHM 50W	
1	0059612000	FIVE WAY BINDING POST	
1	0029531000	KNOB KNURL BLK SUNN 1272/1275	
2	0016352000	NUT HEX 3/8-32 X 3/32 TK NI	
1	0057976000	PLATE INPUT BASSMAN 410 PRO	
2	0031153000	WSHR FLAT 3/8 X .614 NI	
2	0016436000	WSHR LCK INTL 3/8 X .687 X .035 NI	

PARTS LIST:		<b>CABINET ASSEMBLY</b>	
QTY.	PART #	DESCRIPTION	REFERENCE DESIGNATION
8	0057945000	CABINET CORNER, PLASTIC	
2.745	0040046000	CARPET BLACK	SY
2	0057946000	HANDLE, SPRING LOADED	
4	0056482000	MOUNTING PLATE EL COM	
32	0021972000	NUT T 10-32 X ¾ STR 3 PRNG BLX	
32	0016627000	SCRW SMA 8 X ¾ OHP BLX	
16	0027199000	SCRW SMAB 10 X ¾ PHP NI	
20	0033380000	SCRW SMAB 8 X 1 THP BLX	

PARTS LIST:		<b>END ITEM ASSEMBLY</b>	
QTY.	PART #	DESCRIPTION	REFERENCE DESIGNATION
1	0057933000	CABINET ASSEMBLY BASSMAN 410 PRO SL	
4	0056483000	CASTER SWIVEL EL COM 2-12 CABS	
1	0055831000	GASKET, HORN BASSMAN AMPS	
1	0057931000	GRILLE BASSMAN 410 PRO SL	
1	0048847000	HORN FOSTER 8 OHM	
1	0054212000	INPUT MOUNTING PLATE SUNN 410H	
1	0055731000	LOGO BADGE BASSMAN AMPS	
1	0057981000	MANUAL OWNERS BASSMAN 410 PRO	
1	0047600000	NAMEPLATE FENDER BLACK	
4	0050311000	NUT 2-56 NYLON INSERT 2CNME-Z	
4	0050312000	SCRW 2-56 X 3/8 FHP NI	
8	0030858000	SCRW 8 X 5/8 PHP NI	
32	0057975000	SCRW M10-32 X 1-1/4 FLHP STL BLX	
4	0026553000	SCRW M8-32 X 3/8 PHP BLX	
8	0036112000	SCRW SMAB 6 X 1-1/4 OHP BLX W/WS	
4	0033380000	SCRW SMAB 8 X 1 THP BLX	
4	0057982000	SPEAKER 10 INCH 8 OHM CAST FRAME	

\* Non-serviceable part. Replace complete parent assembly. See PCB EXCHANGE POLICY on page 4.

Unique Fender® part. Order directly from the Fender® dealer Customer Service Department.

\*\* Safety Requirement part. Replacement must match *Safety Agency*...-Value, if specified -Type, if specified -Approval Mark(s) if on part.

\*\* Both a unique Fender® part and a Safety Requirement part as defined above.



# BASSMAN® 410 PRO SL LOUDSPEAKER

(This is the model name for warranty claims)

PARTS LIST:		<b>END ITEM ASSEMBLY</b>	
QTY.	PART #	DESCRIPTION	REFERENCE DESIGNATION
3	0057971000	SPEAKER PORT 3.00 DIA	
8	0050317000	STANDOFF RUBBER .75 DIA X .77	
1	0053489000	**WIRE SET FINAL SUNN 410H	

## Schematics and Drawings

Service Diagram (Schematic) .....Bassman 410 Pro SL

End Item Assembly .....Bassman 410 Pro SL

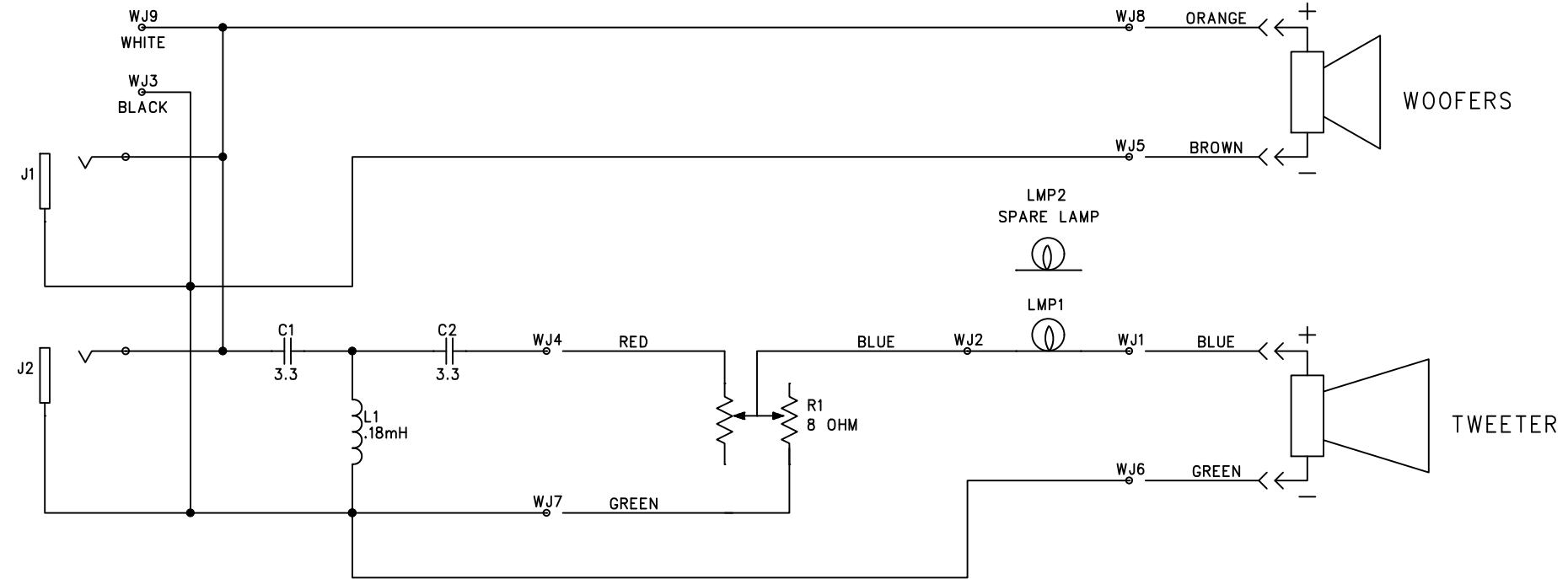
\* Non-serviceable part. Replace complete parent assembly. See PCB EXCHANGE POLICY on page 4.

Unique Fender® part. Order directly from the Fender® dealer Customer Service Department.


\*\* Safety Requirement part. Replacement must match *Safety Agency*...-Value, if specified -Type, if specified -Approval Mark(s) if on part.

\*\* Both a unique Fender® part and a Safety Requirement part as defined above.

R E V I S I O N S			
REV.	DESCRIPTION	DATE	APPROVED
B	EC2801	26-JUN-02	J K H



2. THIS SCHEMATIC IS FOR PCB FABRICATION P/N 0057978000 AND PCB ASSEMBLY P/N 0057979000.  
 3. ALL UNPOLARIZED CAPACITORS IN  $\mu\text{F}$ , 10%; 250V.  
 NOTES: (UNLESS OTHERWISE NOTED)

THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE TO FENDER MUSICAL INSTRUMENTS AND IS SUBMITTED TO YOU IN CONFIDENCE AND SHALL NOT BE DISCLOSED OR TRANSMITTED TO OTHERS WITHOUT AUTHORIZATION FROM FENDER MUSICAL INSTRUMENTS.		 <b>MUSICAL INSTRUMENTS</b> Corona, CA U.S.A.	
CHECKED BY: _____ DATE: _____		TITLE: SERVICE DIAGRAM, COMBINED (schematic) BASSMAN 410 PRO	
APPROVED BY: _____ DATE: _____		SIZE	DRAWING NUMBER
DRAWN: DON FOX ENGR: J. HUBBARD		<b>B</b>	0059657000
DATABASE FILE: Z523S.SCH		RELEASE DATE: 28-MAR-02	SHEET: 1 OF 1

REV.  
B

