

**D E P A R T M E N T   O F   T H E   A R M Y   T E C H N I C A L   M A N U A L**

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**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING  
DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)  
POWER SUPPLIES PP-1209/FG, PP-1209A/FG,  
PP-1209B/FG, AND PP-1209C/FG  
FSN 5805-342-3559**

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Headquarters, Department of the Army, Washington, DC  
29 November 1974

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	Paragraph	Page
<b>SECTION I. INTRODUCTION</b>		
Scope . . . . .	1-1	2
General . . . . .	1-2	2
Explanation of columns . . . . .	1 - 3	2
Special information . . . . .	1-4	4
Location of repair parts . . . . .	1-5	4
Abbreviations (Not applicable) . . . . .	1 - 6	4
Reporting of equipment publication improvements . . . . .	1-7	4
<b>II. REPAIRING PARTS LIST . . . . .</b>		<b>6</b>
<b>III. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT (Not applicable)</b>		
<b>IV. INDEX - FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS- REFERENCE TO FIGURE AND NUMBER . . . . .</b>		<b>8</b>

## SECTION I INTRODUCTION

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### 1-1. Scope

This manual lists repair parts and special tools required for the performance of direct support, general support, and depot maintenance of the PP-1209/FG, PP-1209A/FG, PP-1209B/FG, and PP-1209C/FG. The PCCN for the equipment is GCWAJG for all models.

### 1-2. General

This repair parts and special tools list is divided into the following sections:

*a. Repair Parts List - Section II.* A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level. This repair parts list is arranged in alphabetical order.

*b. Special Tools, Test and Support Equipment-Section III.* Not applicable.

*c. Index - Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number-Section IV.* A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings followed by a list, in alphameric sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number or reference designation appearance.

### 1-3. Explanation of Columns

The following provides an explanation of columns found in the tabular list.

*a. Source, Maintenance, and Recoverability Codes (SMR).*

(1) Source code. Indicates the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are:

<i>Code</i>	<i>Explanation</i>
PA	- Item procured and stocked for anticipated or known usage.
PB	- Item procured and stocked for insurance purposes because essentially dictates that a minimum quantity be available in the supply systems.
PC	- Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	- Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.

<i>Code</i>	<i>Explanation</i>
PE	- Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	- Support equipment which will not be stocked but which will be centrally procured on demand.
PG	- Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shutdown of production facilities would prove uneconomical to reproduce at a later time.
KD	- An item of depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	- An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or direct support or general support levels of maintenance
KB	- Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	- Item to be manufactured or fabricated at organizational level
MF	- Item to be manufactured or fabricated at direct support maintenance level
MH	- Item to be manufactured or fabricated at general support maintenance level.
MD	- Item to be manufactured or fabricated at depot maintenance level.
AO	- Item to be assembled at organizational level
AF	- Item to be assembled at direct support maintenance level.
AH	- Item to be assembled at general support maintenance level.
AD	- Item to be assembled at depot maintenance level.
XA	- Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	- Item is not procured or stocked. If not available through salvage requisition.
XC	- Installation drawing, diagram instruction sheet, field service drawing, that is identified by manufacturers' part number.
XD	- Support items can be requisitioned with justification.

**NOTE**

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft Support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) *Use (third position).* The maintenance code entered in the third position indicates the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position indicates one of the following levels of maintenance.

<i>Code</i>	<i>Application/Explanation</i>
O -	Support item is removed, replaced, used at the organizational level of maintenance.

**NOTE**

A code "C" may be used in this position to denote crew or operator maintenance performed within organizational maintenance.

F -	Support item is removed, replaced, used at the direct support maintenance level.
H -	Support item is removed, replaced, used at the general support maintenance.
D -	Support items that are removed, replaced, used at depot only.

(b) *Repair (fourth position).* The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). When a maintenance code is not used a dash (-) sign is entered. For multiservice equipment/systems or when a code is entered, this position will contain one of the following maintenance codes as assigned by the service(s) that require the code:

<i>Code</i>	<i>Application/Explanation</i>
O -	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F -	The lowest maintenance level capable of complete repair of the support item is direct support.
H -	The lowest maintenance level capable of complete repair of the support item is general support.
D -	The lowest maintenance level capable of complete repair of the support item is the depot level.

<i>Code</i>	<i>Application/Explanation</i>
L -	Repair restricted to designated Specialized Repair Activity.
Z -	Non-Repairable. No repair is authorized.
B -	No repair is authorized. The item may be reconditioned by adjusting, lubricating, ect., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the uniform SMR Code format as follows:

<i>Code</i>	<i>Explanation</i>
Z -	Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in the first digit of the maintenance code.
O -	Repairable item. When uneconomically repairable, condemn and dispose at organizational level.
F -	Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
H -	Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
D -	Repairable item. When beyond lower level repair capability, return to depot Condemnation and disposal not authorized below depot level.
L -	Repairable item. Repair, condemnation, and disposal not authorized below depot/Specialized Repair Activity level.
A -	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content high dollar value, critical material or hazardous material).

b. *Federal Stock Number.* Indicates the Federal stock number assigned to the item.

**NOTE**

For requisitioning purposes the Federal stock number must be converted to the National stock number by adding "-00-" after the Federal stock classification (FSC) code (first four digits). For example, FSN 6625-553-0142 converts to NSN 6625-00-553-0142.

c. *Description.* Indicates the Federal item name and a minimum description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code for Manufacturer (FSCM) in parentheses. The FSCM is

used as an element in item identification to designate manufacturer or distributor or Government agency, etc., and is identified in SB 708-42.

d. *Unit of Measure (U/M)*. Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation; e.g., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

e. *Quantity Incorporated in Unit*. This column indicates the quantity of the item used in the equipment. Subsequent appearances of the same item in the same assembly are indicated by the letters "REF".

f. *30-Day DS/GS Maintenance Allowances*.

**NOTE**

Allowances in GS column are for GS maintenance only.

(1) The repair parts indicated by asterisk entries in separate allowance columns for DS and GS represent those authorized for use at that category of maintenance to be requisitioned on an "as required" basis until stockage is based on demand in accordance with AR 710-2.

(2) Allowance quantities are indicated in the special tool lists section for special tools, TMDE and other support equipment.

g. *1-Year Allowances Per 100 Equipments/Contingent Planning Purposes*. Column intentionally left blank.

h. *Depot Maintenance Allowance Per 100 Equipments*. This column indicates opposite the first appearance of each item the total quantity authorized for depot maintenance of 100 equipments.

i. *Illustration*. This column is divided as follows:

(1) *Figure number*. Indicates the figure number of the illustration on which the item is shown in TM 11-5805-239-35.

(2) *Item number*. Indicates the item number or reference designation used to reference the item in the illustration.

**1-4. Special Information**

a. Usable on codes are included in column 3. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	Used on
BQ2 .....	PP-1209/FG
BQ3 .....	PP-1209A/FG
BQ4 .....	PP-1209B/FG
BQ5 .....	PP-1209C/FG

b. The following publications pertain to the

(Next printed page is 6.)

equipment and its components:

TM 11-5805-239-12 Organizational Maintenance Manual Including Repair Parts: Power supplies PP-1209/FG, PP-1209A/FG, PP-1209B/FG, PP-1209C/FG, and PP-1209D/FG.

TM 11-5805-239-35 DS, GS, and Depot Maintenance Manual: Power Supplies PP-1209/FG, PP-1209A/FG, PP-K09B/FG, and PP-1209C/FG.

**1-5. Location of Repair Parts**

a. This manual contains one cross-reference index (see IV) to be used to locate a repair part when either the Federal stock number or reference number (manufacturer's part number) is known. The first column in the index is prepared in numerical or alphanumeric sequence in ascending order. The reference numbers (manufacturer's part numbers) are listed immediately following the last listed Federal stock number in the index of Federal stock numbers.

b. When the Federal stock number or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to the index of Federal stock numbers (see IV) and locate the Federal stock number or reference number. The FSN and reference number are cross-referenced to the applicable figure and item number or reference designation.

(2) Refer to the repair parts list (sec II) and locate the figure number (col 10a) and item number or reference designation (col 10b) as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 10a and 10b of the repair parts list (sec II) until the item is located.

d. When the FSN, reference number, figure number, item number and reference designation are not known, scrutinize column 3 of the repair parts list (sec II) which is arranged in alphabetical order.

**1-6. Abbreviations**

Not applicable.

**1-7. Reporting of Equipment Publication Improvements**

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-CW, Fort Monmouth NJ07703.

SECTION II			TM11-5805-239-34P										(10)			
(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)			
SMR	FEDERAL	DESCRIPTION	UNIT	QTY	30-DAY DS MAINT			30-DAY GS MAINT			1-YR	DEPOT	ILLUSTRATION			
CODE	STOCK	REFERENCE NUMBER & MFR CODE	OF	INC	ALLOWANCE	(A)	(B)	(C)	ALLOWANCE	(A)	(B)	(C)	100	100	(A)	(B)
	NUMBER		MEAS	IN									EQUIP	EQUIP	FIGURE	ITEM
			USABLE ON CODE	UNIT		1-20	21-50	51-100	1-20	21-50	51-100	CNTGCTY			NO	NO
		GROUP 0001 POWER SUPPLY PP-1209/FG PP-1209 A/FG PP-12098/FG PP-1209C/FG														
PAFZZ	6145-548-1258	CABLE, POWER ELECTRICAL W1 2 TINNED COPPER NO.18 AWG COND 6 FEET LONG C002MGF2-18-0300 (81349)	EA	1	*	*	*	*	*	*	*		10		3-1	W1
PAFZZ	5999-244-5150	CAP, ELECTRICAL NO-REF-DESIG FUSEHOLDER 5/8 IN LG X 11/16 IN DIA 9435-1-2 (71400)	EA	9	*	*	*	*	*	*	*		3			
XDOZZ		CONNECTOR, PLUG, ELECTRICAL P3 USED AS AC INPUT PLUG PARALLEL, POLARIZED 7059 (83315)	EA	1	*	*	*	*	*	*	*					P3
XDOZZ		CONNECTOR, RECEPTACLE, ELECTRICAL P1 USED TO MT PLUG-IN UNITS P308A8 (71785)	EA	16	*	*	*	*	*	*	*				5-1	P1
XDOZZ		CONNECTOR, RECEPTACLE, ELECTRICAL P2 USED TO MT PLUG-IN UNITS P308AB (71785)	EA	REF	*	*	*	*	*	*	*				5-1	P2
PAOZZ	5920-043-2641	FUSE, CARTRIDGE F1 0.25 AMP 250V F02GR250A (81349)	EA	8	*	*	*	*	*	*	*		50			F1
PAOZZ	5920-010-6652	FUSE, CARTRIDGE F2 3 AMP, 250 V F02A2503A (81349)	EA	1	*	*	*	*	*	*	*		50			F2
XDOZZ		FUSEHOLDER XF1 HOLDS F1, F2 FUSES SCB72703 (80063)	EA	9	*	*	*	*	*	*	*				5-1	XF1
XDOZZ		FUSEHOLDER XF2 HOLDS F1, F2 FUSES SCB72703 (80063)	EA	REF	*	*	*	*	*	*	*				3-1	XF2
XDOZZ		KNOB MP1 U/W VARIABLE RESISTOR R3 S292-3L (75376)	EA	8	*	*	*	*	*	*	*					MP1
XDOZZ		LIGHT INDICATOR DS1 USED AS OUTPUT INDICATOR 105 (72765)	EA	8	*	*	*	*	*	*	*				5-1	DS1
PAOOD	6130-882-3619	POWER SUPPLY SUB-ASSEMBLY NO-REF-DESIG USED AS PLUG-IN UNIT J3MKM1 (05484)	EA	8	*	*	*	*	*	*	*		3			
PAOOD	5805-885-5981	POWER SUPPLY SUB-ASSEMBLY NO-REF-DESIG USED AS PLUG-IN UNIT F2010A A2102 (09004)	EA	8	*	*	*	*	*	*	*		3			BQ2, BQ3
PAOZZ	6130-882-3619	POWER SUPPLY SUB-ASSEMBLY NO-REF-DESIG USED AS PLUG-IN UNIT 867981 (00426)	EA	8	*	*	*	*	*	*	*		3			BQ4
PAFZZ	5905-195-2353	RESISTOR, VARIABLE R3 2,500 OHMS PORM10PCT 25 W RP101FK252KK (81349)	EA	8	*	*	*	*	*	*	*		3		5-1	R3
XDOZZ		TERMINAL BOARD TB1 USED FOR OUTPUT VOLTAGE 8-140 (71785)	EA	1	*	*	*	*	*	*	*				5-1	TB1
PAFZZ	5910-556-1743	GROUP 0002 POWER SUPPLY SUB-ASSEMBLY GROUP CAPACITOR, FIXED, ELECTROLYTIC C1 80 UF 300 VDCW AFHI-35 (00656)	EA	8	*	*	*	*	*	*	*		3		5-1	C1
PAFZZ	5910-823-1864	CAPACITOR, FIXED, ELECTROLYTIC C1 80 UF, 150 VDCW 929 (72699)	EA	8	*	*	*	*	*	*	*		3		3-1	C1

SECTION II		TM11-5805-239-34P													
(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION	USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE			1-YR ALW PER 100 EQUIP CNTGNCY	DEPOT MAINT ALW PER 100 EQUIP	ILLUSTRATION (A) FIGURE NO	(B) ITEM NO
PAFZZ	5910-856-3475	CAPACITOR, FIXED, ELECTROLYTIC C1 80 UF, FORM20PCT 300 VDCM E262464A (00656)		EA	8	*	*	*	*	*	*		3	3-2	C1
PAFZZ	5935-149-2888	CONNECTOR, RECEPTACLE, ELECTRICAL J1 USED TO MOUNT PLUG-IN TO MAIN CHASSIS S308A8 (71785)	BQ5	EA	16	*	*	*	*	*	*		3	5-1	J1
PAFZZ	5935-149-2888	CONNECTOR, RECEPTACLE, ELECTRICAL J2 USED TO MOUNT PLUG-IN TO MAIN CHASSIS S308A8 (71785)		EA	REF	*	*	*	*	*	*			5-1	J2
PAFZZ	6130-500-2741	RECTIFIER, METALLIC CR1 USED TO RECTIFY ACCUR 6Q1 (77638)	BQ2	EA	8	*	*	*	*	*	*		3	5-1	CR1
XDOZZ		RESISTOR, FIXED, WIRE WOUND R2 5 OHMS, FORMSPT 5 W 1D48F (44655)	BQ2,BQ3	EA	8	*	*	*	*	*	*			2-1	R2
PAFZZ	5905-892-0067	RESISTOR, FIXED, WIRE WOUND R2 10 OHMS, FORM10PCT 5 W X60-100HM (24681)	BQ4,BQ5	EA	8	*	*	*	*	*	*		3	3-1	R2
PAFZZ	5905-642-1672	RESISTOR, FIXED, WIRE WOUND R2 100 OHMS, FORMSPT 17 W RW32V101 (81349)	BQ2,BQ3	EA	8	*	*	*	*	*	*		3	5-1	R1
PAFZZ	5905-892-0068	RESISTOR, FIXED, WIRE WOUND R1 100 OHMS, FORM10PCT 5 W X50-100OHM (24681)	BQ4,BQ5	EA	8	*	*	*	*	*	*			3-1	R1
XDOZZ		RESISTOR, FIXED, COMPOSITION R4 27,000 OHMS, FORM10PCT 2 W RC42GF273K (81349)	BQ4,BQ5	EA	8	*	*	*	*	*	*			3-2	R4
PAFZZ	5910-823-1865	RETAINER, CAPACITOR H12 HOLDS CAPACITOR C1 IN SUB-ASSEMBLY	BQ5	EA	8	*	*	*	*	*	*		3		H12
PAFZZ	5961-811-4842	SEMICONDUCTOR, DEVICE, DIODE CR1 SILICON 13/32 IN DIA X 1 IN LG O/A M500 (84970)	BQ4	EA	8	*	*	*	*	*	*		3	5-1	CR1
XDOZZ		SEMICONDUCTOR, DEVICE, DIODE CR1 SILICON 0.400 IN DIA X 0.800 IN LG O/A IN540 (81349)	BQ3	EA	8	*	*	*	*	*	*			3-1	CR1
			BQ4,BQ5												

INDEX - FEDERAL STOCK NUMBER AND REFERENCE NUMBER  
CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

NOTE: LATEST FEDERAL STOCK NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX

FIGURE STOCK NUMBER	NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5805-885-5981			5935-149-2888	5-1	J1
			5935-149-2888	5-1	J2
5905-195-2353	5-1	R3			
5905-642-1672	5-1	R1			
5905-892-0067	3-1	R2			
5905-892-0068	3-1	R1			
5910-556-1743	5-1	C1			
5910-823-1864	3-1	C1	5999-244-5150		
5910-823-1865		H12	6130-500-2741	5-1	CR1
5910-856-3475	3-2	C1	6130-882-3619		
5920-010-6652		F2	6145-548-1258	3-1	W1
5920-043-2641		F1			

  

REFERENCE NO	MFG CODE	FIG NO	ITEM NO	REFERENCE NO	MFG CODE	FIG NO	ITEM NO
AFH1-35	00656	5-1	C1	SCB72703	80063	5-1	XF1
A2102	09004			S292-3L	75376		MP1
C002MGF2-18-0300	81349	3-1	W1	S308AB	71785	5-1	J1
C24937-8-047	78553		H12	S308AB	71785	5-1	J2
E26D464A	00656	3-2	C1	X60-100HM	24681	3-1	R2
F02A2503A	61349		F2	X60-100OHM	24681	3-1	R1
F02GR250A	81349		F1	1D48F	44655	2-1	R2
J3MKM1	05484			IN540	81349	3-1	CR1
M500	84970	5-1	CR1	105	72765	5-1	DS1
P308AB	71785	5-1	P1	6Q1	77638	5-1	CR1
P308AB	71785	5-1	P2	7059	83315		P3
RC42GF273K	81349	3-2	R4	8-140	71785	5-1	TB1
RP101FK252KK	81349	5-1	R3	8679B1	00426		
RW32V101	81349	5-1	R1	929	72699	3-1	C1
SCB72703	80063	3-1	XF2	9435-1-2	71400		

## LATEST FEDERAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.
5961-811-4842	5-1	CR1

By Order of the Secretary of the Army:

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General, United States Army  
Chief of Staff

Official:

VERNE L. BOWERS  
Major General, United States Army  
The Adjutant General

Distribution:

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CNGB (1)  
ACSC-E (2)  
Dir of Trans (1)  
COE (1)  
TSG (1)  
USAARENBD (1)  
USAMB (10)  
AMC (1)  
MICOM (2)  
TECOM (2)  
ARADCOM (2)  
ARADCOM Rgn (2)  
HISA (Ft Monmouth) (18)  
OS Maj Comd (4)  
LOGCOMD (3)  
USACC (4)  
USACC-CONUS (3)  
MDW (1)  
Armies (2)  
Corps (2)  
Ft Gordon (10)  
Ft Huachuca (10)  
Ft Carson (5)  
WSMR (1)  
Svc Colleges (1)  
USASESS (5)  
USASATC&S (3)  
USAINTCS (3)  
USAADS (2)  
USAFAS (2)  
USAARMS (2)

USAIS (2)  
USAES (2)  
AD (1) except  
SAAD (30)  
LBAD (14)  
TOAD (14)  
ATAD (10)  
USA Dep (2)  
Sig Sec USA Dep (2)  
Sig Dep (2)  
ATS (1)  
MAAG (1)  
WRAMC (1)  
USARMIS (1)  
USAERDAA (1)  
USAERDAW (1)  
Sig FLDMS (1)  
Ft Richardson (ECOM Ofc) (2)  
Units org under fol TOE (1 ea):  
11-95  
11-97  
11-96  
11-116  
11-117  
11-127  
11-302  
11-500 (AA-AC)  
32-52  
32-57  
32-67  
32-500

ARNG & USAR: None

For explanation of abbreviations used see AR 310-50.



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