



*Crystal and Ceramic*  
**PHONOGRAPH PICKUPS  
and CARTRIDGES**

**INCLUDING CROSS-REFERENCE CARTRIDGE  
REPLACEMENT LISTING**



**SHURE BROTHERS, Inc.**

225 WEST HURON STREET

CHICAGO 10, ILLINOIS

# CARTRIDGE REPLACEMENT CHART

SHURE MODEL NO.	SHURE REPLACEMENT	SHURE MODEL NO.	SHURE REPLACEMENT	ASTATIC MODEL NO.	SHURE REPLACEMENT	WEBSTER MODEL NO.	SHURE REPLACEMENT
P30	W60B	P93S	W58A	L-73	W58HS	N2	W58A
P30B	W60A	P94	W57A	L-73A	W58HS	N3	W58A
P30C	W608	P94B	W57A	L-73AS	W58HS	N4	W58A
P30D	W61B	P94E	W58HS	L-73S	W58HS	N5	W60B
P30E	W60HS	P95MG	W53MG	L-74	W58HS	N6	W58A
P30G	W61B	PC30	WC33B	L-74A	W58HS	N6P	W58A
P30HS	W60HS	PC72V	WC22A8	L-74AS	W58HS	N6P-4	W58A
P30S	W61B	PN30	WC33B	L-74S	W58HS	N7	W58A
P30W	W60A	PN30S	WC33B	L-75	W58A	N7-1	W58A
P35	W56A	PN31S	WC33B	L-75A	W58A	N7P	W58A
P35S	W56A	PN88	W58HS	L-75AS	W58A	N7P-2	W58A
P37	W66B	PN88S	W58HS	L-75S	W58A	N8	W58A
P37A	W66B	PN89	W58HS	L-76	W58A	N8P	W58A
P37C	W66B	PN89D	W58HS	L-76A	W58A	N9	W58A
P37CA	W66B	PN89E	W58HS	L-76AS	W58A	N10	W58A
P70	W23B	PN89S	W58HS	L-76S	W58A	N10P	W58A
P70A	W23B	W21A	W31AR	L-82	W56A	N10P-1	W58A
P71	W26B	W21AR	W31AR	L-82A	W56A	N11P	W58A
P71A	W26A	W21E	W21F	L-92A	W58A	Q1	W61B
P71B	W26B	W23A	W23B	L-92-33	W53MG	Q2	W61B
P71C	W26B	W40A	W59A	LP-6	W61B	X-82	W58A
P71CA	W26A	W42A	W42B	LP-21	W61B	X-82CH-1	W58A
P72	W22AB	W56PN	W58HS	LP-23	W61B	Y-82	W58A
P72A	W22A	W57AN	W60A	LT1-M	W61B	YN2	W58HS
P72AF	W22AB	W60PN	WC33B	LT1-MA	W61B	YN2-1	W58HS
P72V	W22AB	W65B	W56A	LT2-M	W61B		
P73	W31AR	W65R	W56R	LT2-MA	W61B	<b>ELECTRO-VOICE</b>	
P73A	W31AR	W66A	W668	LT3-M	W60B	<b>MODEL NO.</b>	
P73AR	W31AR	WC60B	WC33B	LT3-MA	W60B		<b>SHURE</b>
P73R	W31AR	99-180	W59A	LT4-AG	W66B		<b>REPLACEMENT</b>
P75	W21F	99-181	W59A	LT4-M	W53MG	10	W61B
P75A	W21F	99-182	W42B	MLP-1	W61B	14	W31AR
P76	W22AB			MLP-1J	W60A	32	W23B
P76A	W22A	<b>ASTATIC</b>		MLP-2	W61B	33	W26B
P76AF	W22AB	<b>MODEL NO.</b>		MLP-3	WC33B	33-4	W26B
P76AFV	W22AB	AC-78-J	W23B	Nylon 1-J-PN	WC33B	34S	W31AR
P76AV	W22A	AC-C-J	WC31AR	Nylon 1-M-PN	WC33B	50	W42H
P76V	W22AB	AC-C-AG-J	WC36B	PT	W60B	60	W42H
P77	W22AB	AC-C-78-J	WC33B	QC-J	WC33B	H12	W56A
P77A	W22A	AC-J	W31AR	QT-J	W60A	H12-S	W56A
P77AV	W22AB	AC-AG-J	W26B	QT-J-PN	WC33B	L12	W60B
P77V	W22AB	ACD-C-M	WC22AB	QT-M	W61B	L12-S	W60A
P79	W22AB	ACD-J	W22A	QT2-M-PN	WC33B	M12	W60B
P80	W21F	ACD-2J	W22AB-T	QT3-J	W60A	M12-S	W60A
P81	W26B	ACD-CJ	WC22AB	QT3-JA	W60A		
P81A	W26A	CAC-78-J	W23B	QT3-M	W61B	<b>AMERICAN</b>	
P81AD	W268	CAC-J	W31AR	QT3-MA	W61B	<b>MODEL NO.</b>	
P81C	W26B	CQ-J	W31AR	QT3-J-PN	WC33B		<b>SHURE</b>
P81CA	W26A	GC-78-7	WC33B	QT3-M-PN	WC33B		<b>REPLACEMENT</b>
P81D	W26A	GC-AG-M	WC36B	1-J	W60A	CR1	W59A
P81E	W26B	GC-J	WC31AR	1-M	W60B	CR1A	W59A
P85	W238	L12	W42H			CR2	W58A
P86R	W56R	L-22A	W58A	<b>WEBSTER</b>		CR2A	W58A
P87	W57A	L-24A	W59A	<b>MODEL NO.</b>		CR3	W61B
P878	W57A	L-25A	W58A	A1	W22AB	CR3A	W61B
P87S	W58A	L-26A	W428	AIM	W22AB	CR4	W56A
P88	W59A	L-27A	W58A	AIM-2	W22AB	CR4A	W56A
P88S	W59A	L-32A	W58A	A7-8	W22AB-T	CR5	W31AR
P89	W56A	L-36A	W59A	A-7M1	W22AB-T	CR7	W368
P89L	W56R	L-40A	W42B	E4	W58A	PNM	W58HS
P89R	W56R	L-41A	W58A	E4-1	W58A	PNMA	W58HS
P89RE	W56R	L-46A	W56A	E9	W58A	S1	W618
P89S	W56A	L-50A	W56A	F1P	W57A	S1A	W61B
P90B	W58A	L-70	W58A	F2P	W58A	S2	W61B
P90C	W58A	L-70A	W58A	F3P	W57A	S2A	W61B
P90D	W57A	L-70AS	W58A	F4P	W58A		
P90HS	W58HS	L-70S	W58A	F5P	W57A	<b>TITONE</b>	
P90S	W58A	L-71	W58A	F6P	W58A	<b>MODEL NO.</b>	
P928	W58A	L-71A	W58A	F7P	W60B		<b>SHURE</b>
P93	W57A	L-71AS	W58A	F7P-2	W60B		<b>REPLACEMENT</b>
P93B	W57A	L-71S	W58A	F10P1	W61B	W-7500	WC33B
P93C	W57A	L-72	W56A	F12	W53MG	W-7530	WC31AR
P93D	W57A	L-72A	W56A	F13M	W53MG	W-7540	WC33B
P93E	W58HS	L-72AS	W56A	GX-82	W58A	W-7590-1	WC31AR
P93MG	W53MG	L-72S	W56A	N1-N	W58A	W-7590-2	WC36B
						W-7590-3	WC33B
						<b>RCA</b>	
						<b>MODEL NO.</b>	
						74067	W31AR
						74625	W31AR
						75476	W31AR
						A-988370-1	W21F

THE SHURE CRYSTAL PICKUP CARTRIDGES listed above have response characteristics and output voltages which furnish equal or superior performance to other models shown. Mechanical fit is assured.

# CRYSTAL AND CERAMIC PICKUP CARTRIDGES

# SHURE

All Shure Replacement Cartridges have been painstakingly designed and engineered to meet the most exacting specifications. Each has been designed to meet certain specific requirements, such as high output, extended range, high compliance, and maximum tracking. For the finest in standard 78 RPM, fine-groove, or all-purpose replacement cartridges, see the charts below which furnish complete data on the popular Shure "Vertical Drive," "Lever-Type," "Muted Stylus," and "Direct Drive" Cartridges.

## FINE GROOVE CARTRIDGES FOR 33 1/3, 45 RPM RECORDS



Fig. A  
"Direct Drive"

MODEL NO.	ILLUSTRATION	TYPE	LIST PRICE	OUTPUT LEVEL	MIN. NEEDLE FORCE	RESPONSE TO	NET WT.	SHURE NEEDLE NO.	CODE
W21F*	Fig. C	Crystal	\$7.75	1.5V	6 grams	10,000 c.p.s.	4 1/2 grams	A63MG	RUGEX
W31AR	Fig. A	Crystal	6.50	2.1V	7 grams	7,500 c.p.s.	5 1/2 grams	A53MG	RUGEB
WC31AR	Fig. A	Ceramic	6.50	.65V	7 grams	7,500 c.p.s.	5 1/2 grams	A53MG	RUGED
W53MG	Fig. E	Crystal	8.50	1.3V	6 grams	8,500 c.p.s.	12 grams	A64MG	RUJET

## TURNOVER CARTRIDGES FOR 33 1/3, 45, AND 78 RPM RECORDS



Fig. B  
"Vertical Drive"  
(Turnover)

MODEL NO.	ILLUSTRATION	TYPE	LIST PRICE	OUTPUT LEVEL		MIN. NEEDLE FORCE	RESPONSE TO	NET WT.	SHURE NEEDLE NO.		CODE
				MG	STD.				MG	STD.	
W22A	Fig. B	Crystal	\$10.50	1.2V	1.4V	8 grams	10,000 c.p.s.	4 1/2 grams	A65MG	A61A	RUVAL
W22AB	Fig. B	Crystal	9.50	1.2V	1.4V	8 grams	10,000 c.p.s.	4 1/2 grams	A65MG	A62A	RUVAX
W22AB-T	Fig. D	Crystal	10.00	1.2V	1.4V	8 grams	10,000 c.p.s.	12 1/2 grams	A65MG	A62A	RUVUR
WC22AB	Fig. B	Ceramic	9.50	.21V	.18V	9 grams	10,000 c.p.s.	5 grams	A65MG	A62A	RUVUC

## ALL PURPOSE SINGLE NEEDLE CARTRIDGES FOR 33 1/3, 45, 78 RPM RECORDS



Fig. C  
"Vertical Drive"  
(Single Needle)

MODEL NO.	ILLUSTRATION	TYPE	LIST PRICE	OUTPUT LEVEL		MIN. NEEDLE FORCE	RESPONSE TO	NET WT.	SHURE NEEDLE NO.	CODE
				MG	STD.					
W26A	Fig. C	Crystal	\$8.50	.87V	1.0V	8 grams	8,000 c.p.s.	4 1/2 grams	A67U	RUVUP
W26B	Fig. C	Crystal	7.50	.87V	1.0V	8 grams	8,000 c.p.s.	4 1/2 grams	A66U	RUVUM
W36B	Fig. A	Crystal	6.50	2.3V	2.5V	9 grams	7,000 c.p.s.	5 1/2 grams	A56U	RUGEN
WC36B	Fig. A	Ceramic	6.50	.6V	.7V	9 grams	7,000 c.p.s.	5 1/2 grams	A56U	RUGER
W66B	Fig. F	Crystal	7.00	2.0V	2.3V	8 grams	4,500 c.p.s.	12 grams	A66U	RUSUN

## STANDARD CARTRIDGES FOR 78 RPM RECORDS



Fig. D  
"Vertical Drive"  
(Turnover Mechanism)

MODEL NO.	ILLUSTRATION	TYPE	LIST PRICE	OUTPUT LEVEL	MIN. NEEDLE FORCE	RESPONSE TO	NET WT.	SHURE NEEDLE NO.	CODE
W23B	Fig. C	Crystal	\$7.75	1.1V	6 grams	8,000 c.p.s.	4 1/2 grams	A62A	RUVER
WC33B	Fig. A	Ceramic	6.50	.75V	9 grams	7,000 c.p.s.	5 1/2 grams	A52A	RUGEL
W42B	Fig. E	Crystal	4.45	1.3V	1 oz.	5,000 c.p.s.	25 grams	None	RUGUB
W42BH††	Fig. G	Crystal	4.95	1.5V or 3.75V	1 1/8 oz.	5,000 c.p.s.	25 grams	None	RUVUS
W42H	Fig. E	Crystal	4.45	3.5V	1 oz.	5,000 c.p.s.	25 grams	None	RUGUT
W56A	Fig. E	Crystal	6.65	4.3V	1 1/8 oz.	6,000 c.p.s.	12 grams	None	RUGUS
W56R**	Fig. E	Crystal	7.50	4.3V	1 oz.	10,000 c.p.s.	25 grams	None	RUGEY
W57A	Fig. E	Crystal	5.55	1.6V	3/4 oz.	6,000 c.p.s.	12 grams	None	RUGLA
W58A	Fig. E	Crystal	5.55	1.6V	1 oz.	6,000 c.p.s.	25 grams	None	RUGLU
W58HS***	Fig. E	Humi-Seal Crystal	6.55	1.6V	1 oz.	6,000 c.p.s.	25 grams	None	RUGUY
W59A	Fig. E	Crystal	5.55	2.5V	1 oz.	6,000 c.p.s.	25 grams	None	RUGAT
W60A	Fig. F	Crystal	8.50	1.6V	1 oz.	4,500 c.p.s.	12 grams	A61A	RUSIS
W60B	Fig. F	Crystal	7.50	1.6V	1 oz.	4,500 c.p.s.	12 grams	A62A	RUSID
W60HS***	Fig. F	Humi-Seal Crystal	8.50	1.8V	1 oz.	4,500 c.p.s.	25 grams	A62A	RUSIB
W61B	Fig. F	Crystal	7.50	1.6V	1 oz.	4,500 c.p.s.	25 grams	A62A	RUSIL



Fig. E  
"Lever Type"



Fig. F  
"Muted Stylus"



Fig. G  
"Dual Voltage"

\*With .453 Mount for Oak Changer.

\*\*Cutter-Cartridge for Wilcox-Gay "Recordette."

\*\*\*"Humi-Seal" Metal Wrapped Rochelle Salt Crystal Ideal for Tropical Areas.

††Dual Voltage Cartridge 1.5V output with condenser; 3.75V output without condenser.

# SHURE

# CRYSTAL PHONOGRAPH PICKUPS AND NEEDLES

## PHONOGRAPH PICKUPS

Like the popular Shure Cartridges, each Shure Phonograph Pickup has been designed to meet specific requirements. There is at least one model for each type of reproduction desired — standard (78 RPM), fine-groove (33 $\frac{1}{3}$  and 45 RPM), or single-needle "All Purpose" and dual-needle "Turnover" for playing all types of records. Each tone arm is scientifically curved and balanced for faithful tracking, and designed to emphasize the best qualities of the cartridge with which it is equipped.



Fig. A



Fig. B



Fig. C



Fig. D



Fig. E

### STANDARD FOR 78 RPM RECORDS

MODEL	ILLUSTRATION	LIST PRICE	OUTPUT LEVEL	NEEDLE FORCE	RESPONSE TO	SHURE CARTRIDGE USED	SHURE NEEDLE NUMBER	SHIPPING WEIGHT	CODE
92H	Fig. D	\$5.50	3.5V	1 oz.	5000 c.p.s.	W42H	None	9 oz.	RUSUV
93A	Fig. C	7.50	1.6V	1 $\frac{1}{8}$ oz.	6000 c.p.s.	W57A	None	13 oz.	RUGLI
96A	Fig. C	8.50	4.3V	1 $\frac{1}{8}$ oz.	6000 c.p.s.	W56A	None	13 oz.	RUGAB
900HS*	Fig. B	11.50	1.8V	1 $\frac{1}{8}$ oz.	4500 c.p.s.	W60HS*	A62A	12 oz.	RUZUA

### TURNOVER FOR 33 $\frac{1}{3}$ , 45, 78 RPM RECORDS

MODEL	ILLUSTRATION	LIST PRICE	OUTPUT LEVEL		NEEDLE FORCE	RESPONSE TO	SHURE CARTRIDGE USED	SHURE NEEDLE NUMBER		SHIPPING WEIGHT	CODE
901D	Fig. A	\$16.25	MG 1.2V	STD. 1.4V	7 gram s	10,000 c.p.s.	W22AB	MG A65MG	STD. A62A	12 oz.	RUZEL

### SINGLE-NEEDLE ALL-PURPOSE FOR 33 $\frac{1}{3}$ , 45, 78 RPM RECORDS

MODEL	ILLUSTRATION	LIST PRICE	OUTPUT LEVEL		NEEDLE FORCE	RESPONSE TO	SHURE CARTRIDGE USED	SHURE NEEDLE NUMBER	SHIPPING WEIGHT	CODE
92U	Fig. D	\$9.75	MG 2.OV	STD. 2.3V	B grams	4500 c.p.s.	W66B	A66U	9 oz.	RUZIP

### FINE-GROOVE FOR 33 $\frac{1}{3}$ , 45 RPM RECORDS

MODEL	ILLUSTRATION	LIST PRICE	OUTPUT LEVEL	NEEDLE FORCE	RESPONSE TO	SHURE CARTRIDGE USED	SHURE NEEDLE NUMBER	SHIPPING WEIGHT	CODE
902MG	Fig. B	\$10.50	2.0V	10 grams	7500 c.p.s.	W31AR	A53MG	12 oz.	RUGEX

### SPECIAL SHURE PICKUP FOR "WEBSTER-CHICAGO" THREE SPEED CHANGERS

MODEL	ILLUSTRATION	LIST PRICE	OUTPUT LEVEL		NEEDLE FORCE	RESPONSE TO	SHURE CARTRIDGE USED	SHURE NEEDLE NUMBER		SHIPPING WEIGHT	CODE
			MG	STD.				MG	STD.		
920W	Fig. E	\$11.50	1.2V	1.4V	6 grams	10,000 c.p.s.	W22AB	A65MG	A62A	6 oz.	RUZUT

\*"Humi-Seal" Metal Wrapped Moisture Proofed Rochelle Salt Crystal for Use in Tropical Areas.

## PHONOGRAPH PICKUP NEEDLES

All Shure Needles are manufactured to exacting specifications to assure top quality performance. Needle-point quality is carefully controlled by precision craftsmanship. Extended performance is assured by life tests at the Shure Laboratories. SPECIFY SHURE NEEDLES ONLY. ACCEPT NO SUBSTITUTES.

NOTE: All Shure needles are color coded for easy identification and replacement purposes as follows:  
RED: For fine groove records only (33 $\frac{1}{3}$  and 45 R.P.M.) GREEN, BLUE, OR BROWN: For all types of records (33 $\frac{1}{3}$ , 45 and 78 R.P.M.) SILVER: For standard records only (78 R.P.M.).



Fig. A



Fig. B



Fig. C

OSMIUM TIP

Crystal and Ceramic Cartridges manufactured under Shure Patents and Patents Pending. Licensed by the Brush Development Co.

† High-quality commercial-type synthesized sapphire specially designed for long operating life.

MODEL	ILLUSTRATION	DESCRIPTION	LIST PRICE	CODE
A52A	Fig. C	Std. Osmium	\$1.50	RUGEM
A53MG	Fig. C	MG Osmium	1.50	RUGES
A56U	Fig. C	All Purpose Osmium Unipoint	1.50	RUGEP
A61A	Fig. A	Std. Sapphire †	2.50	RUZAN
A62A	Fig. B	Std. Osmium	1.50	RUZAP
A63MG	Fig. B	MG Osmium	1.50	RUGAZ
A64MG*		MG Osmium	2.00	RUZAS
A65MG	Fig. A	MG Sapphire †	2.50	RUGAY
A66U	Fig. B	All Purpose Osmium Unipoint	1.50	RUZIK
A67U	Fig. A	All Purpose Sapphire Unipoint †	2.50	RUZIN

\*Standard Bent Shaft Needle Not Illustrated.