

RCA VICTOR PORTABLE VICTROLA

MODEL 0-1

SERVICE DATA

Motor.—The drive motor is of simple design and substantial construction. It should require little or no service if properly maintained. Attention to lubrication of the moving parts and occasional cleaning of the mechanism will go far to prevent faulty operation. Should it become necessary to repair the motor, the following procedure should be applied: **CAUTION.**—**Allow the motor mechanism to run down completely before attempting adjustment, repairs, or replacements.**

Removing Motor from Cabinet.—Remove the winding key. To dismount the motor, unscrew the spindle cap with a screwdriver and remove turntable, slightly tapping the spindle while exerting an upward lift on the turntable. Remove the five screws holding the motor board and the two screws holding lid support to cabinet and lift motor board assembly from case. Loosen the screw holding the speed-regulating lever and remove the latter. The three screws holding motor to motor board should then be loosened to permit removal of motor assembly.

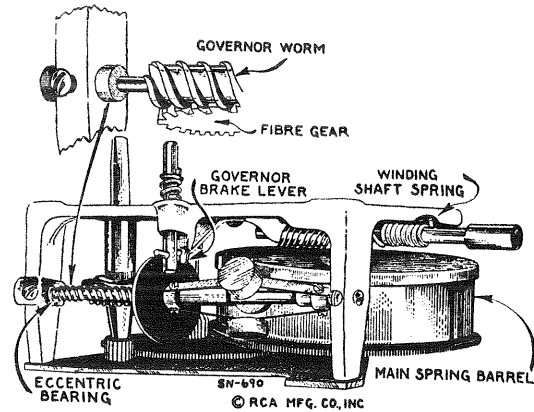
Replacing Main Spring Barrel.—In case of main spring failure, the entire spring barrel and gear should be replaced. Remove the spring-barrel spindle screw by **unscrewing to right**. Remove the C washer and two pillar screws holding bottom plate. Remove bottom plate, intermediate spindle shaft, and spring barrel. Reassemble parts in reverse sequence.

Winding Shaft Spring.—This spring functions as a friction ratchet. It may be removed as follows: remove pin holding winding worm on shaft; remove winding shaft; then remove screw holding spring. Replace in reverse sequence.

Governor Adjustments.—The mesh of the worm and fiber gears is adjusted by rotation of the eccentric spindle bearings. The adjustments should be made so that the worm meshes properly with the fiber gear and rotates freely without binding. The bearings should be

accurately aligned with each other. The minimum of spindle end-play which permits smooth operation should be used.

Speed Regulator Lever.—After assembly, adjust the speed regulator until the turntable rotates at 78 r. p. m.; loosen the speed regulator screw and set pointer to center of speed indicator scale; tighten screw and recheck turntable speed.



Lubrication.—All moving parts of the motor should be thoroughly cleaned and lubricated every six months to prevent excess wear and to assure proper operation. A small amount of grease should be applied to the worm gear of the governor, the gear of the winding shaft, and on the small pinion gear. All other points, including regulator friction pad, should be lubricated with light oil. All motor parts should be covered with a light film of oil to prevent rusting.

REPLACEMENT PARTS

Stock No.	DESCRIPTION	LIST PRICE	Stock No.	DESCRIPTION	LIST PRICE
13849	Arm—Tone arm less sound box	\$3.75	13874	Horn—Tone arm horn	*
13877	Board—Motor mounting board only (black) ..	*	13846	Indicator—Speed regulator arm and pointer ..	.35
13878	Board—Motor mounting board only (brown) ..	*	13861	Key—Winding key .....	.50
13850	Brake—Turntable brake complete .....	.50	13854	Motor—Spring motor complete	10.00
13845	Cap—Turntable spindle cap .....	.30	13865	Screw—Needle holding screw—Pkg. of 5 .....	.25
13875	Case—Carrying case only (black)	*	13860	Shaft—Winding key shaft and socket—Less winding gear .....	.55
13876	Case—Carrying case only (brown)	*	13848	Sound box	2.25
13853	Cover—Needle cup hinged cover .....	.35	13856	Spindle—Motor spindle and two gears assembled	1.50
13852	Cup—Needle cup .....	.20	13851	Spring—Turntable brake spring—Pkg. of 5 .....	.30
13847	Escutcheon—Speed regulator escutcheon .....	.30	13835	Spring—Mainspring, spring barrel and drive gear	2.50
13855	Gear—Intermediate drive gear and shaft .....	.95	13873	Turntable—Complete with black cover	3.00
13858	Gear—Winding worm gear—Located on winding key shaft .....	.50	13844	Turntable—Complete with brown cover	3.00
13859	Gear—Winding gear—Located on spring barrel shaft .....	.50	14181	Turntable—Complete with blue cover	3.00
13857	Governor—Governor assembly complete	3.65	13862	Weight—Governor weight and spring—Pkg. of 3 .....	.90

* Prices upon application.

Prices quoted above are subject to change without notice.

SERVICE DIVISION
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