

INCORPORATING THE PHILCO SERVICEMAN

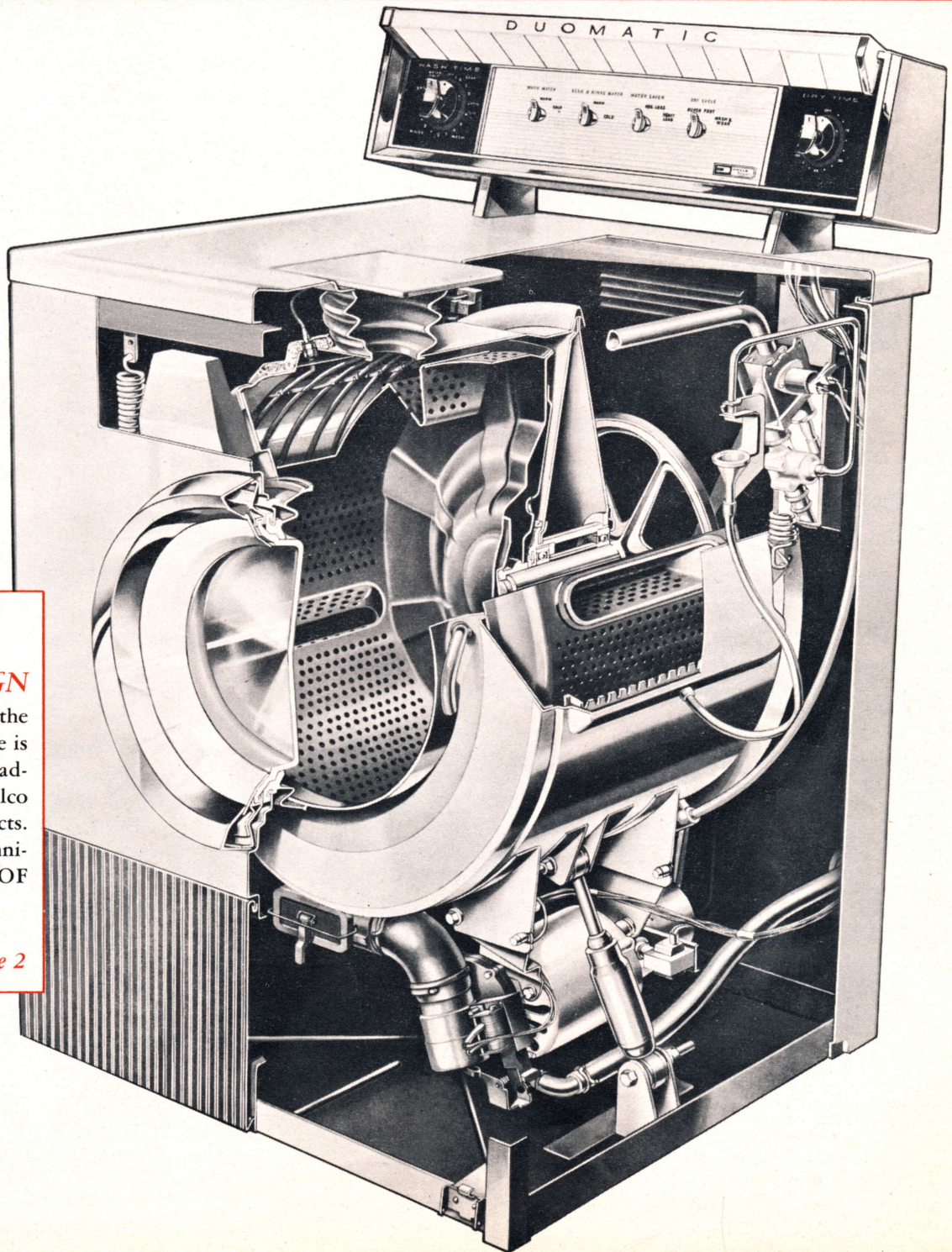


post

PHILCO SERVICE TECHNICIAN

VOL. 2 No. 10 NOVEMBER, 1958

OFFICIAL PUBLICATION OF THE WORLD-WIDE PHILCO FACTORY-SUPERVISED SERVICE ORGANIZATION



ADVANCED LAUNDRY DESIGN

The Duomatic shown in the cut-away illustration here is representative of the advanced design of 1959 Philco Home Laundry products. Important to service technicians: NEW EASE OF SERVICING.

See "Servicing Ease"
... page 2

Servicing-Ease

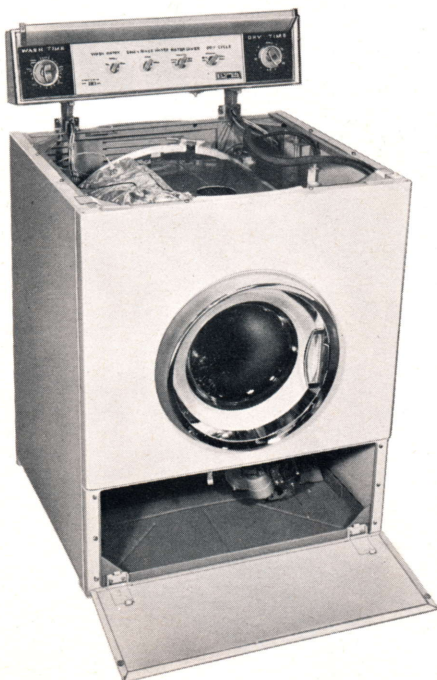
**HOW PHILCO DESIGN
HELPS SIMPLIFY
THE TECHNICIAN'S JOB**



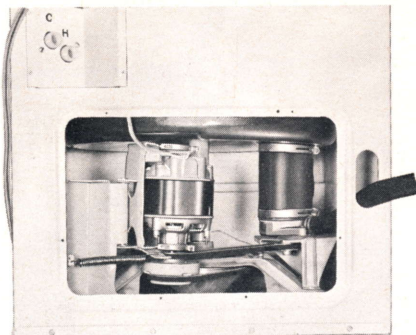
The 1959 line of Philco home laundry equipment is another outstanding example of "built-in serviceability." The job of the technician is made easier because of product design that simplifies servicing.

The Top Panel removal on any model is now an easy matter. In the Duomatic and the Automagic Washer, only four screws have to be removed—and only two screws in the Dryer. All of these screws are easily accessible. *No need to move the unit away from the wall.* This simple operation exposes important components in the various models—inlet valves, spray tubes, thermostats, and air heater wiring.

A Service Door in the front of all models opens easily for access to



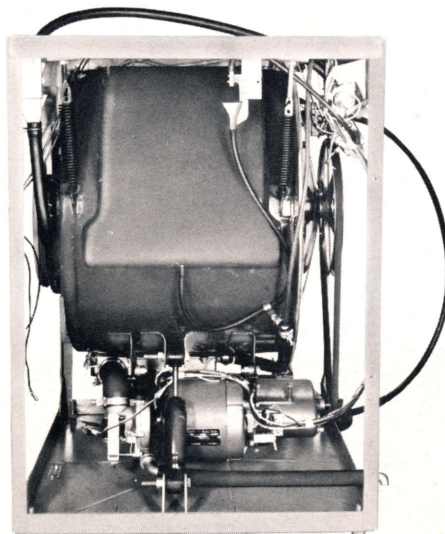
Easy removal of Top Panel and handy Service Door give access to most components.



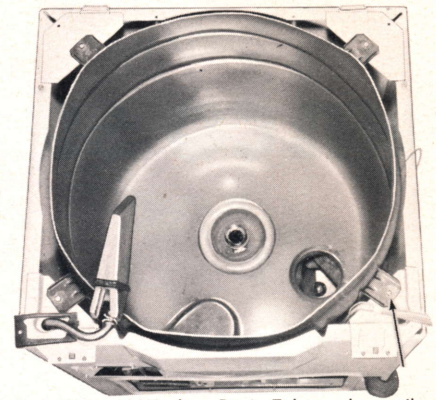
Back Service Panel is special feature of Automagic Washer.

other components such as: sump, pump, drain, motor and transmission. In addition, the Automagic Washer has a Back Service Panel for servicing access to the pump, motor, and belts.

In the event that it is necessary to remove the Wrapper, this is easily accomplished on all washer models. With the screws removed, the Wrapper slips right off! This exposes the entire mechanism of the unit for servicing. In the case of the Duo-



Duomatic Wrapper slips off easily to expose entire mechanism of unit.

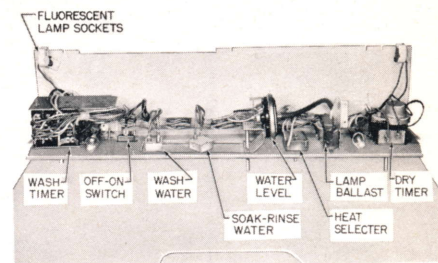


In Automagic Washer, Drain Tub can be easily removed—four screws are on top of unit.

matic, the unit actually remains in operating condition for testing.

Also in the Duomatic, Tub Back servicing has become less cumbersome and involves less time because of the compact design of the unit. In fact, this can now be a *one-man job!*

In the Automagic Washer, the Drain Tub can be easily removed. Four screws are conveniently located at the top of the unit.



All Electrical Controls are mounted on panel in backplash—panel drops forward for servicing.

Electrical Controls in all models are located in the Backsplash. Removal of five screws releases the housing. All of the Electrical Controls are mounted on a panel—this can be dropped forward for servicing after removing a few more screws. Electrical checks can then be made easily since the entire unit remains operative.

Smaller details have also been considered in the new designs. On the Duomatic, for example, even the Drain Hose attachment has been simplified by placing it *outside* the unit, making it easy to reach when connecting the drain hose.

Serviceability in a product doesn't *just happen*. It results from a special concentrated effort and teamwork in product design.

Mr. Service Dealer

PHILCO

OFFERS YOU A COMPLETE LINE OF UNIVERSAL SERVICE PARTS



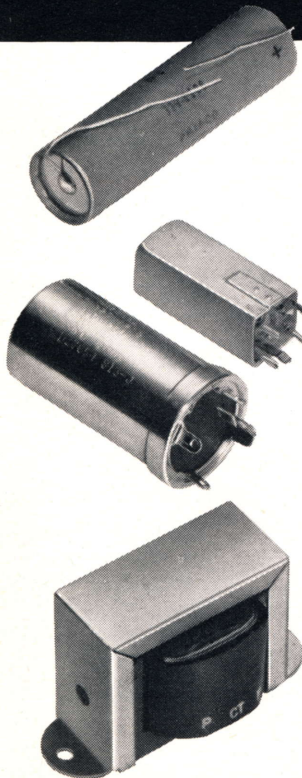
Your Philco Distributor has available for you a complete new line of universal parts that fit not only all Philco receivers but every competitive make and model. Eliminate your inventory problems and stock the one line of completeness . . . Philco.

PHILCO UNIVERSAL SERVICE PARTS

- Sweep Components
- Coils
- Capacitors
- Vibrators
- Condensers
- Rectifiers

All Philco universal parts are precision engineered and quality tested to insure superior operation and longer life. Don't settle for inferior copies . . . insist on genuine Philco universal parts.

**For a program of completeness . . .
See Your Philco Distributor Today!**



PHILCO
Accessory Division

World-Wide Distribution

Service Parts • Power-Packed Batteries •
Universal Components • Long-Life Tubes
• Heavy-Duty Rotors • Star-Bright 20/20
Picture Tubes • Long-Distance Antennas •
Appliance Parts • Laundry Parts • Universal
Parts and Accessories

PHILCO SERVICE TECHNICIAN

NOVEMBER, 1958

VOLUME 2

NUMBER 10

Official Monthly Publication of, by, and for the world-wide Philco Factory-Supervised Service Organization.

RICHARD A. PHILLIPS Editor

Philco Service Technician is published by Philco Corporation. Material contained herein cannot be reproduced without written consent of the publisher.

Address Correspondence to:
"PHILCO SERVICE TECHNICIAN"
PFSS Headquarters
2nd and Westmoreland Sts.
Philadelphia 40, Pa.

POLICY . . .

Philco Service Technician will strive to "mirror" the activities of the thousands of PFSS members and to provide them with useful and helpful information.

GOING THE ROUNDS WITH UNCLE PHIL



"Well, Doc, I've completed my examination and the diagnosis indicates the patient is suffering from a ruptured resistor, gas in the tubes, corona discharge, fatigue of the fuse and a leaky condenser. I'm afraid I'll have to operate!"

Field News

NEWS ABOUT
PEOPLE AND EVENTS
IN THE SERVICE WORLD



COLUMBIA, S. C.

Brown-Rodgers-Dixson Co. held a series of electronics service training meetings in September, as reported by factory rep. Leon P. Kull. Following are the dates, places and attendance at the meetings:

Sept. 4—Charleston, 15 attended.

Sept. 5 (afternoon)—Columbia, 17 attended.

Sept. 5 (evening) — Columbia, 21 attended.

CHANUTE, KANS.

Pioneer Hardware & Music Co. held an electronics service training meeting on Aug. 6, as reported by factory rep. Andrew Murnick Jr. The meeting was attended by 17 service technicians.

SANTA BARBARA, CAL.

H. T. Waller Inc. held an electronics service training meeting on Aug. 7, as reported by factory rep. Ted Roberson. There were 28 service technicians in attendance.

LANCASTER, PA.

Eshelman Supply Co. held an electronics service training meeting on Aug. 13, as reported by factory rep. William Kuyken. 41 servicemen attended.

PHOENIX, ARIZ.

Hawkins & Sweeney Co. held a general service meeting for the Tucson area Aug. 6, as reported by factory rep. Ted Roberson. Meeting was conducted by Bob Smith, distributor service mgr. There were 32 servicemen in attendance.

ALBANY, GA.

Ferrell-Wight Co. held an electronics service training meeting on Aug. 14, as reported by factory rep. Leon P. Kull. The meeting was attended by 22 service technicians.

FRESNO, CAL.

Devlin-Drew Co. held three electronics service training meetings in

August, as reported by factory rep. Ted Roberson. Following are the dates, places and attendance at each:

Aug. 11—Fresno, 27 attended.

Aug. 12—Modesto, 14 attended. This meeting was held at Ashbill's Appliance.

Aug. 13—Bakersfield, 13 attended. This meeting was held at dealer Mitchell & Burk TV.

KANSAS CITY, MO.

Wilson Distributing Co. held a series of electronics service training meetings in August, as reported by factory rep. Andrew Murnick Jr. A total of 72 service technicians attended the meeting. Following are the dates, places and attendance at each meeting:

Aug. 12—Topeka, Kans., 22 attended.

Aug. 13—St. Joseph, 24 attended.

Aug. 14—Kansas City, 26 attended.

ALBANY, N. Y.

Roskin Brothers Inc. held an electronics service training meeting Aug. 16, as reported by Ed Burke, factory rep. There were 21 service technicians in attendance.

SEATTLE, WASH.

Gray Electric Co. held an electronics service training meeting on July 15, as reported by factory rep. Walt Kembel. The meeting was held at Hobert's Electric Co., 2300 W. Spokane Ave. It was conducted by Ed Ralston, distributor electronics service mgr. There were 7 servicemen in attendance.

PROVIDENCE, R. I.

Tri-State Wholesalers Inc. held an electronics service training meeting on Aug. 6, as reported by factory rep. Ed Burke. 21 service technicians attended.

LONG ISLAND CITY, N. Y.

Philco Distributors Inc. held an electronics service training meeting on July 31, as reported by factory rep. William Kuyken. Attendance was 25.

SCRANTON, PA.

Beacon Distributors Inc. held an electronics service training meeting on July 15, as reported by factory rep. William Kuyken. 35 service technicians attended.

SALT LAKE CITY, UTAH

Strevell-Paterson Hardware Co. held an electronics service training meeting on June 27, as reported by factory rep. Walter Kembel. There were 24 service technicians in attendance.

HUNTINGTON, W. VA.

Tri-State Appliance Co. held an electronics service training meeting on Aug. 5, as reported by H. G. Clark, factory rep. There were 40 service technicians in attendance. Lunch was



Butterfield Inc., Winston-Salem, N. C., held an electronics service training meeting on Aug. 12, as reported by factory rep. Leon P. Kull. Part of the 32 service technicians who attended the meeting are shown above.

served, and door prizes were awarded. First prize was a watch, second prize a sterling silver salt and pepper set, third prize a tube caddy.

WHEELING, W. VA.

Rice Appliance Co. held an electronics service training meeting on Sept. 3, as reported by factory rep. H. G. Clark. Lunch was served and door prizes awarded. 30 servicemen attended.

SOUTH BEND, IND.

Radio Equipment Co. held a series of electronics service training meetings in August, as reported by factory rep. Jack Mattingly. Following are the dates, places and attendance at each meeting:

- Aug. 4—South Bend, 45 attended.
- Aug. 5—South Bend, 33 attended.
- Aug. 6—Gary, 32 attended.

- Aug. 7—Ft. Wayne, 33 attended.
- Aug. 8—Kalamazoo, Mich., 17 attended.

LITTLE ROCK, ARK.

Arkansas Radio & Appliance Co. held two electronics service training meetings in July, as reported by factory rep. George W. Saylor. Following are the dates, places and attendance at the two meetings:

- July 2—Texarkana, 6 attended.
- July 7—Ft. Smith, 19 attended.

TOLEDO, OHIO

Benarr Distributors Inc. held an electronics service training meeting on Aug. 6, as reported by factory rep. Roy A. Gumm Jr. Attendance at the meeting was 65. The meeting was opened by distributor pres. Ben Rubin. Door prizes were awarded and refreshments served.

BALTIMORE, MD.

Legum Distributing Co. held an electronics service training meeting on Sept. 3, as reported by factory rep. Al Feeny. The meeting was held for the servicemen of the Baltimore Gas & Electric Co. at the firm's service shop. There were 13 servicemen in attendance.

MEMPHIS, TENN.

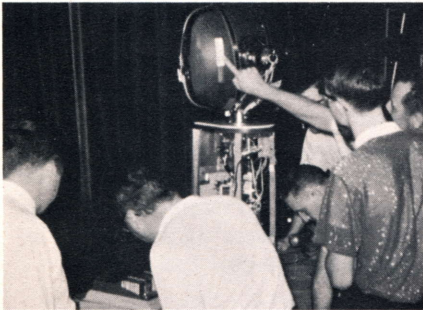
Shobe Inc. held an electronics service training meeting on Sept. 4, as reported by factory rep. Len Hardin. Door prizes were awarded and refreshments served. There were 56 servicemen in attendance.

DALLAS, TEX.

Medaris Co. Inc. held a series of electronics service training meetings in July and August, as reported by factory rep. George W. Saylor. Fol-
(Continued on next page)

PHOTOS OF MEETINGS REPORTED IN OCTOBER 'PST'

These photographs were received too late to be included in last month's issue. The reports covering these meetings were published in October.



Tri-State Distributing Corp., Cincinnati, O., held two meetings in July. Top photo, July 24; center photo, July 23. Bottom, Philco Service Achievement Award being presented to Russ Wilson (center) of Aurora TV, Aurora, Ind. 2nd from left, factory rep. Roy A. Gumm Jr. 2nd from right, Ed Konersman, distributor general service mgr. Others in photo are Aurora TV service technicians, not identified by name.



McComb Supply Co., Harlan, Ky., meeting on July 31. Winners of door prizes were, left, U. L. Blankenship, silverware set; and, right, Bill Haight, wrist watch. Phillip Brogan, distributor general service mgr., is in center.



Graybar Electric Co., Detroit, Mich., meeting held on July 16.



Sterling Hardware Co., Hazard, Ky., meeting held on July 29.



Radio Equipment Co., Indianapolis, Ind., meeting held on July 10. Donal Smith, electronics service mgr. of Radio Equipment Co., conducts the meeting.

Field News

(CONTINUED)



lowing are the dates, places and attendance at each meeting:

July 25—Southside Lions Club, Ft. Worth, attendance 21.

July 28—Parker Sales Co., Wichita Falls, attendance 14.

Aug. 5—Texas Power & Light Auditorium, Waco, attendance 18.

Aug. 6—Dean McCollum Radio Co., Mt. Pleasant, attendance 18.

Aug. 7—Texas Power & Light Auditorium, Denison, attendance 14.

MIAMI, FLA.

Household Appliance Distributors conducted a presentation of the 1959 line of Philco TV at a meeting of the Radio Technicians Guild on Aug. 5, as reported by factory rep. L. P. Kull. There were approximately 50 service technicians in attendance. Ray Petsche, distributor service mgr., conducted the presentation.

SAN ANTONIO, TEX.

West Texas Appliance Co. held a series of electronics service training meetings in August, as reported by factory rep. George W. Saylor. Following are the dates, places and attendance at each meeting.

Aug. 14—San Antonio, 37 attended.

Aug. 18—Cortez Hotel, Weslaco, 18 attended.



A Philco Service Achievement Award was made to Clair Confer, Muir Hardware, Muir, Mich. Confer is shown at left with Dan Newmeier, sales mgr. of distributor Graybar Electric, Grand Rapids, Mich.



Bennett Distributors Inc., Columbus, O., held an electronics service training meeting on Aug. 12, as reported by factory rep. Glen Cummins. 41 service technicians and six distributor personnel attended the meeting. A general view of the attendance is shown above.

Aug. 19—White Plaza Hotel, Corpus Christi, 20 attended.

Aug. 20—Terrace Motor Hotel, Austin, 13 attended.

Aug. 21—Cactus Hotel, San Angelo, 6 attended.

RENO, NEV.

Osborne & Dermody Inc. held a general electronics service training meeting for the Reno area service technicians on Aug. 21, as reported by factory rep. Ted Roberson. A total of 15 servicemen attended.

GRAND RAPIDS, MICH.

Graybar Electric Co. held two electronics service training meetings in Aug., as reported by Roy A. Gumm Jr., factory rep. The meeting on Aug. 27 was held at the distributor's, and was attended by 48 servicemen. Another meeting was held on Aug. 28 at Harry's Service Center, Traverse City, with 19 servicemen attending. Door prizes were awarded and refreshments served.

CLOSED CIRCUIT TV AIDS TRAINING OF NATIONAL GUARD TROOPS

Gun positions of a rifle company flashed on a television screen as closed circuit TV was used for the first time to aid in the training of Pennsylvania National Guardsmen at Indiantown Gap, Pa., recently.

The remote controlled, portable Philco Industrial Television (ITV) equipment was used by the 111th Infantry Regimental Combat Team of Philadelphia during its annual field training.

The ITV camera is small enough to fit into a brief case and the entire system weighs less than 70 lbs.

It was also the first time that this type of closed circuit TV equipment was used by any State National Guard outfit.

TV monitors were mounted in front of the classroom bleachers so the troops of the 111th RCT could

watch the frontal attack on the rifle company in defense and the remote machine gun positions simultaneously.

Col. Thomas R. White, Jr., commander of the 111th RCT, said he saw a "great potential in the use of closed circuit TV as a training device." He also was enthusiastic about its use in combat for surveillance of enemy forces.

The TV equipment was made available to the regiment at no cost to the National Guard by J. F. McCarthy Inc., Philadelphia, a Philco ITV sales representative.

Civilian technical adviser to the 111th was Anthony M. Fiori, electronics engineer for the McCarthy firm. The entire TV operation was coordinated by Capt. F. D. McCormick, Intelligence Officer of the Second Battalion of the regiment.

NOTICE TO ALL PFSS MEMBERS RENEWAL FOR 1959

BECAUSE of climbing costs of postage, labor, and materials, it is necessary to increase the PFSS Membership rates for 1959.

HOWEVER, analysis at PFSS Headquarters shows that savings can be made if Membership Renewals are received early enough.

THEREFORE, if your Membership Renewal is postmarked no later than midnight, December 15, YOU CAN RENEW AT THE OLD RATES!

Here's What You Save If You Renew Now

	Membership Rates UNTIL December 15, 1958	Membership Rates AFTER December 15, 1958	YOU SAVE
Single Membership	\$4.50	\$5.50	\$1.00
Combination of Two Memberships	\$8.50	\$9.50	\$1.00
All Three Memberships	\$11.50	\$13.50	\$2.00

**1959 RENEWAL FORMS ARE MAILED AUTOMATICALLY
TO EACH PFSS MEMBER**

*Renew **NOW** and Save!*

MONTHLY Awards

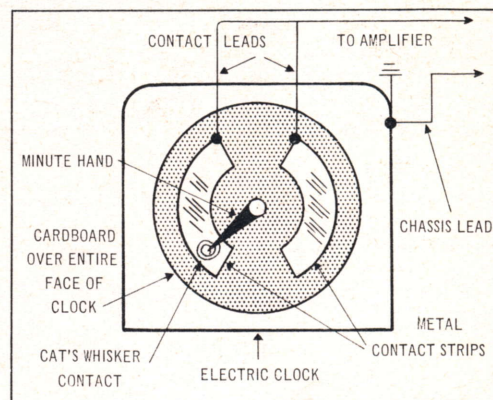
For promotions, trade tricks, time savers, business ideas

\$10.00 AWARD

"To test for intermittent problems, we made an automatic timer to turn sets off and on at frequent intervals during the day. We removed the hour hand from an old clock (see illustration) and pasted a cardboard over the whole face of the clock for insulation. From the cover of a tin can, we cut two semicircular strips of metal. These were glued to the cardboard so that a ten-minute interval occurred between them. A cat's whisker spring was attached to the end of the minute hand. Leads were brought out from the chassis of the clock and the semicircular strips of metal to the input of an amplifier whose plate current energized a relay for the power line. Thus, the set is turned on for 20 minutes and off for 10 minutes throughout the day."

Herb Sulkin, Mel-O-Tone TV
816 Lincoln Blvd., Venice, Cal.

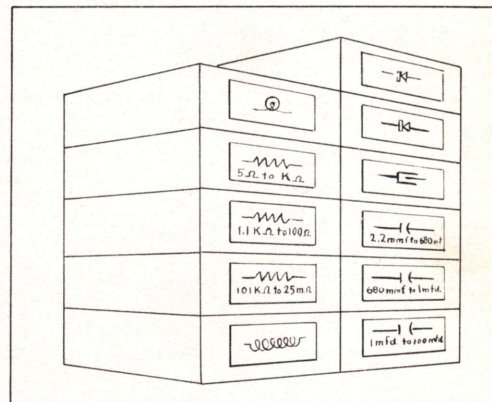
CAUTION: Do not connect A.C. line directly to clock chassis or contact strips.



\$10.00 AWARD

"Many different things are stored in cigar boxes on our shelves. For instant identification, we paste a picture or schematic diagram of the part on the end of the box."

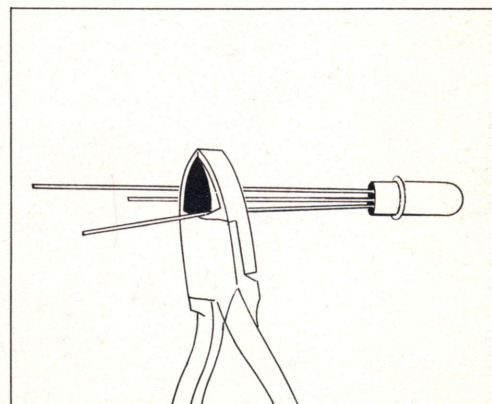
Carl H. Miller
108 E. Second Ave., N. Wildwood, N. J.



\$10.00 AWARD

"In replacing transistors that are soldered to the printed circuit board, it is somewhat difficult to line up the three leads for insertion in their respective holes, especially when the transistor is located between other components. I simply cut off two leads to different lengths, making it possible to insert the leads easily one at a time."

Frank T. Kurowski (Radio-Television-Technicians)
20 Allman Place, New Hartford, N. Y.



Send in your ideas . . . you may be a winner, too. It might be something you do every day . . . but it might help others. Enclose photographs if possible (or even a rough sketch) to illustrate your idea. All such ideas are to be submitted only on the basis that Philco shall have unlimited rights to the use thereof for any purpose whatsoever, free from any obligation to the sender. We will consider all suitable items.