

# Hudson-RCA Victor

## Model 67M

SIX-TUBE AUTOMOBILE RECEIVER  
INSTALLATION INSTRUCTION AND PARTS LIST

PLEASE RETAIN THIS FOR YOUR SERVICE  
AND PARTS RECORDS

Manufactured By

**RCA Manufacturing Company, Inc.**

Camden, N. J., U. S. A.

For

**Hudson Motor Car Company**

DETROIT, MICH., U. S. A.

# Radio Kit—1937—Hudson and Terraplane

MODEL 67-M

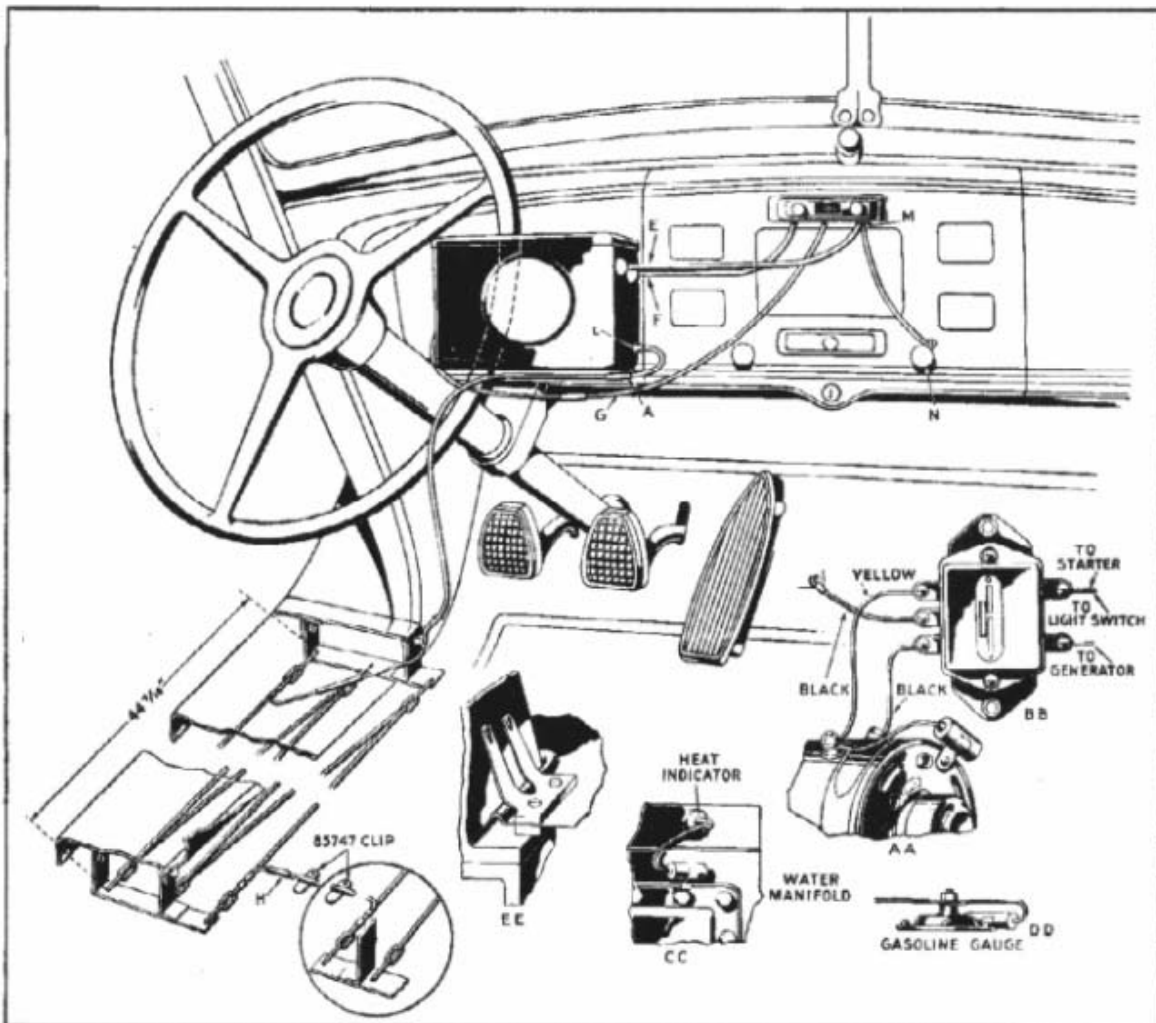


Figure A—Mounting Details and Connections

INSTALLATION KIT NO. HA-154694 INCLUDES THE FOLLOWING:

- 1—RCA 67M Receiver
- 1—Crowe Control Head Complete (Disassembled)
- 1—Antenna Kit
- 1—Antenna Extension Lead Assy.
- 1—Tuning Control Cable
- 1—Volume Control Cable
- 1—Dial Bezel
- 1—Mounting Stud, Washers and Nut

- 1—Distributor Suppressor
- 1—Gas Gauge Capacitor (small)
- 1—Temp. Gauge Capacitor (small)
- 1—Ignition Capacitor (large)
- 1—Generator Capacitor (large)
- 1—Fuse and Insulating Sleeve
- 3—Ground Forks
- 6—Ground Forks Screws
- 6—Ground Forks Screws Lock-washers

- 3—Ground Forks Spacers
- 3—Ground Forks Tapping Plates
- 1—Muffler Ground Strap Assy.

In order to complete the installation on Terraplane Deluxe Models, a Charge Control Kit (Part No. 153193) is required in addition to the Radio Kit.

## Radio Installation-Operation

- 1—Lift floor mat and install three ground forks (Part No. 151210) to front, rear and left of floor board opening so that spring fingers contact transmission control housing. (See Insert "EE.") The paint must be removed from the floor panel and transmission tower to provide good electrical contact. A spacer (Part No. 151435) should be placed under each ground fork and the parts secured to the floor board with six screws (Part No. 71648) and three tapping plates (Part No. 151436).
- 2—Remove finish plate from center of instrument panel—attached with studs and nuts on back of panel.
- 3—Center punch dash on engine side for receiver mounting stud location. Scribe mark  $2\frac{3}{4}$  inches to left of lower horn bracket bolt hole and  $\frac{3}{8}$  inch above center line of this hole.\* At this point, drill a  $\frac{1}{2}$  inch hole through the dash and silencer. Insert radio receiver mounting stud through  $\frac{1}{2}$  inch hole in dash, install large plain washer, lock washer and hex nut. Tighten nut securely.
- 4—Remove the control knobs from the control head, and also the nuts located behind the knobs. Insert control head from back of panel, securing by replacing nuts, and then replace control knobs.
- 5—Insert the driving tongue of the control cable from the right (tuning) knob into the front socket "E." Insert the driving tongue of the control cable from the left (volume) knob into the rear socket "F."
- 6—Attach wire "G" to socket at left end of case.
- 7—Attach feed wire to "X" Terminal of the lighting switch "N" and connect to socket "M," to the back of the control head, being sure that fuse is in place in socket.
- 8—Assemble front and rear antenna support brackets with bolts and nuts to clips welded to bottom of running boards.
- 9—Mount the right-hand antenna, starting at the inner hole of the rear bracket with the hook near the long lead, which goes across the car, attaching all hooks in order and stretching to insert last hook in outer hole of front bracket.
- 10—Mount the left-hand antenna starting at the inner hole of the rear bracket with the end opposite the lead-in, working back and forth and stretching to attach the last hook to the outer hole of the front bracket.
- 11—Connect the right and left-hand antennas with a bolt and nut "H" with the lead passing over the propeller shaft. Cover the connection with rubber cement and rubber tape. Secure cross lead to the two No. 85747 clips which are welded to the body underpanel to hold it away from the propeller shaft.
- 12—Insert the lead-in through the hole in body floor panel in line with left front door, front pillar post, leading up behind kick panel behind radio receiver. Connect large end of antenna lead-in extension "A" to lead-in and connect other end to radio receiver socket "L." Secure lead-in to front bracket with the bolt and nut.
- 13—Attach one small condenser on gasoline tank gauge unit with one unit mounting screw, attaching condenser terminal to gauge unit terminal. (Insert "DD.")
- 14—Attach one small condenser to upper rear cap screw in engine water manifold and attach condenser terminal to terminal of water temperature gauge element. (Insert "CC.")
- 15—Attach large condenser to cap screw at rear of generator and connect condenser terminal to generator "A" terminal. (Insert "AA.")
- 16—Drill one  $\frac{1}{8}$  inch hole in lower ledge of instrument panel 1 inch to left of left-hand service light switch bolt hole. Attach one end of large condenser with two terminals to instrument panel with bolt and nut. Attach opposite end of condenser to "AM" terminal of ignition lock.
- 17—Install 48763 ground strap from the front muffler bracket to chassis frame. The paint must be removed from points of attachment to insure good electrical contact.
- 18—Install suppressor in central terminal of distributor.
- 19—When installing radio on Terraplane Deluxe models, mount generator charge regulator (insert "BB") in place of relay with two screws to two threaded holes in engine side of dash provided for the purpose. Remove ground cup from generator "F" terminal. Connect "FLD" terminal on side of charge regulator to "F" terminal (engine side) of generator. Adjust generator output to 26 amps., cold—24 amps., warm.
- 20—Tape control cables "E" and "F" to avoid fouling on cowl ventilator operating lever.

\*Caution—Wiring is directly behind this hole; drill carefully to prevent damage.