

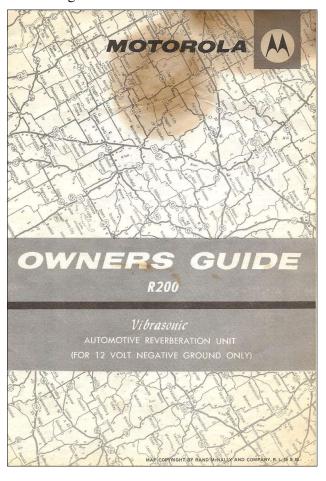
# Ford Studiosonic Sound Systems 1962-69

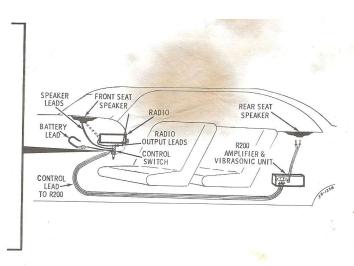
### **General History**

When Reverberators first came out, or at least when I was first aware of them, it was the early 60's and I was in High School. Now what could have been more cool than "making the rounds" (wording prior to "Cruising"), with your favorite AM radio station "reverberating" for all to hear - particularly in a Convertible. However, "back then", most Convertibles didn't have provisions for Rear Seat Speakers (which are required for the reverberation effect). Mine was even more of a challenge as it wasn't "just a Convertible", but a 1957 Ford Retractable. After minor modifications to the inner rear quarter structure (3/16" steel) using continuous drill bit holes to make a larger one (I didn't have hole saws then), I finally had openings to receive the magnets for the two 4" speakers.

In the Summer of 1963, I purchased a Motorola R200 Vibrasonic Reverberator and installed it. Over the next year and a half or so, I made minor customizing changes to the '57 (nothing too drastic that I couldn't change back to original "down the road"). Well, "down the road" came in 1976. Ironically, this was the same time that I purchased my 1966 Mustang (actually so I'd have another "fun car" to drive while restoring the '57). Of course, one of the "non-original" items that I removed from the '57 was the Reverberator. Not wanting to throw it away, or just set it on the shelf, I installed it in my Mustang.

After acquiring my Mustang, I did what I had done with the '57 (and all of the other cars that I subsequently purchased), and began acquiring all of the original Ford literature, etc. that I could that pertained to my '66. Imagine my surprise when I found that Ford offered a Reverberator ("Studiosonic Sound System" in Ford's language) as an Accessory in 1966, and it was made for Ford by Motorola. Over the following 40 years, I have acquired a considerable amount literature, along with knowledge about not only the aforementioned cars along with their available Options and Accessories, but also for the additional ones we have purchased and own, including my 1967 Mustang Convertible.







SPEAKER INSTALLATION:

 Provision has already been made in the rear deck of many cars for the installation of a rear speaker. If you have this situation, simply cut away the rear shelf covering material (from inside the trunk), using the opening in the rear deck as a guide. If this opening does not exist, use the template provided in the kit.
 Punch or drill rear speaker mounting holes through the rear deck covering.
 Mount speaker and speaker grille, using the four 8-32 machine screws, with the 8-32 nuts and #8 lockwashers provided.

### E) INSTALL R200 VIBRASONIC UNIT:

1. Pick a location inside the trunk compartment where the R200 can be installed lengthwise, either on the trunk floor, on a fender well, or on a body frame, where the output leads will reach to the rear speaker location. If you choose the floor, check beneath it before drilling (for gas tank, spare tire, etc.).

2. Use the R200 as a template to locate the mounting holes. Drill two \%n" holes, and use the two #10x\% tapping screws provided for mounting.

F) ELECTRICAL CONNECTIONS:

1. Run the four-wire lead (from the control switch) beneath the floor covering and plug it into the receptacle on the R200.

2. Connect the speaker leads from the R200 to the terminals of the rear speaker.

3. Connect the battery lead from the control switch to the accessory terminal of the ignition switch (the battery lead carries its own SFE 9A fuse).

4. Check to be sure you have already connected the leads from the control switch

Check to be sure you have already connected the leads from the control switch to the front speaker.

NOTE: THE CAR OWNER SHOULD BE INSTRUCTED NOT TO ALLOW METAL OBJECTS TO TOUCH THE EXPOSED TRANSISTOR (ON THE SIDE OF THE R200 UNIT), AS THIS MAY SHORT OUT AND CANCEL THE VIBRASONIC EFFECT.

Turn on the radio. The radio volume knob controls the output of the radio and,

1. Turn on the radio. The radio volume knob controls the output of the radio and, specifically, of the front speaker.

2. The pull-push control and switch provides three functions: (1) an on-off switch (pull "ON", push "OFF"); (2) full variable loudness control of rear speaker, without Vibrasonic (counter-clockwise from center), and (3) full variable loudness control, with Vibrasonic (clockwise from center). The rear speaker remains off when this control is in the center position, but the amplifier may remain on.









## MOTOROLA

# auto radio MODEL R200

vibrasonic system MANUAL 68P64980A21

# ola service manual

### GENERAL INFORMATION

The R200 Vibrasonic system is designed to be installed in any automobile with a 12 volt negative ground system that has a previously installed AM or FM radio. This unit is designed to match any radio whose output impedance is either 3,2 to 8 or 40 ohms.

The unique design of the Vibrasonic system circulty provides a choice system circulty provides a choice system circulty provides a choice control of the vibrasonic amplitude", counterclockwise rotation controls the vibrasonic amplitude", counterclockwise rotation controls reas speaker output (fader controls of control turns rear speaker off", Apul-push on-off switch is ganged with this single control to ganged with this single control to system when not in use.

The newly designed Vibrasonic unit is the heart of the Vibrasonic waysters. Its reduced size minimizes noise generated through shock and allows the design of a compact chassis installation. Soft sponge polyurethane pads are used for sponge that the contraction of the contraction

The complete Vibrasonic system consists of a two stage transistorized amplifier, a Vibrasonic unit and an installation kit which consists of a flat (4) four conductor wire harness with attached control assembly, speaker, grille, adaptors and news, speaker, grille, adaptors

The harness supplies the power required by the Vibrasonic amplifier and serves to complete the control circuit to the Vibrasonic amplifier

The Vibrasonic chassis (amplifier and Vibrasonic unit) mounts to the trunk floor or fender well. For detailed installation instructions, see the "Installation Instructions"

TRANSISTOR COMPLEMENT

MN53 Driver SP486 Power Outpu



#### SERVICE STATION PROCEDURE

 A Motorola Branded Model is one that has the Motorola name, and distributed to dealers through the Motorola Distributors,

2. This model is guaranteed for all parts and labor, including removal and re-installation (R & R) for a period of one year from the date of purchase. The following repairs are not covered under this guarantee; the elimination of motor noise, tire static, electrical interference, and faulty installation. Charges for these repairs are to be paid by the

3. Before performing a warrantyrepair on a Motorola Braded Ambi-Radio, you must first receive the Customer's Car Radio Guarantee and Service Booklet. The installation and model information on the booklet must be filled in by the selling dealer at the time of retail sale. The Customer's Car Radio Guarantee and Service Bookletmust and the control of the control of the there has been selled in the control of the there has been selled by the control of the there has been selled by the control of the there has been selled by the control of the there has been selled by the control of the there has been selled by the control of the control of the selled by the control of the control of the control of the there has been selled by the control of the control of the there has been selled by the control of the control of the selled by the control of the control of the control of the selled by the control of the control of the control of the selled by the control of the control of the control of the selled by the control of the control of the control of the control of the selled by the control of the contro

4. To obtain your labor allowance for the servicing of the customer in-warranty set, fill in the Motorol Auto Radio Warranty Labor Claim Part Number 54P480884. If yo perform a R & R service, you ar entitled to the R & R allowance, I you only repair the radio withou you only repair the radio withou

R & R service, you are entitled by the labor allowance. However, if you perform both R & R and the repair, then be sure to indicate both on your claim form for both allowances. After the form has been filled in, mail the white and green copies to your Motorola Distributor for payment. The yellow copy is to be retained in the Service

 The pink copy of the Motorol Auto Radio Warranty Labor Clair is used to return any defective part on the repair of the radio to you Motorola Distributor for free-re placement.

6. Only those service stations au thorized by their Motorola Distributor can perform repairs within the control of the cost of the cost of the basis to the cost of the cost of the Badio Service Station, and you are not an Authorized Motorola Distributor for complete distance of please contact your Motorola Distributor for complete distance.

#### SERVICE NOTE

I. FOLARITY - WHEN SERVICING THIS AMPLIFIER, THE "AN LEAR MUST BE CONNECTED TO THE POSITIVE SIDE OF POWER SOURCE, IF CONNECTED OTHER WISE, AMPLIFIER WILL NOT OPERATE AND DAMAGE TO COMPONENTS MAY RESULT.

2. POWER SUPPLY REQUIRE

MOTOROLA INC. 9401 WEST GRAND AVENUE, FRANKLIN PARK, ILLINOIS PART NO. 68964980A21 3-62 PRICE 20 CENTS PRINTED IN U.S.A.

### Ford Specific

The earliest I have been able to document Ford's offering a Reverberator ("Studiosonic Sound System") is 1962 (Ford Part # C2AZ-18875-B). What is interesting about the 1962 unit (RV2F) is that it is not listed in my 1962 "Complete Selection of Accessories" (dated 1961), in my January 1962 "Ford Ready Reference Parts Book", nor in my 1962 Ford Master Parts Catalog (MPC), dated January of 1962. Thus, it must have been added "later in the year" to the "accessory line". To add to the confusion, is the fact that the first Ford specific Motorola Reverberator Service Manual that I have found (dated January 1963), shows that the kit for 1962 Fords is Part # C20Z-18875-C. The January 1963 Ford OSI book confirms this, showing that the C2AZ-18875-B was "Replaced By" C20Z-18875-C. Ford continued to offer this (although with different Part Numbers) until 1969 for sure, and I believe in 1970 (although I do not have a 1970 Accessory Catalog to confirm this).

The 1962-1966 units were all basically the same, using

the Motorola R200 Vibrasonic unit, with the main difference being that each year had a wiring harness that was appropriate for that year Ford. The 1967 and up units were of a total different design, being about 1/4 the size of the previous year units, and totally enclosed in a metal case. I believe that the reason for the drastic reduction in size is the elimination of the mechanical spring assembly inside the unit which created the reverberation effect and replacing it with newer electronics (note the addition of a second transistor in the attached pictures of 1968 and 1969 units). As I am not that familiar with the actual electronics or details of the later "Studiosonic" units, the remainder of this article will deal only with the 1962-66 units, and reference to the later units by pictures and text is for general information only.

The 1962-66 Studiosonic Systems were all manufactured for Ford by Motorola, using its R200 Vibrasonic unit. The main difference between the "aftermarket" and the Ford version was that instead of a "generic" brown multi-wire harness and plastic chrome "on/off/fader" control knob with bracket, the Ford units (as noted previously) had wiring harnesses tailored to each model year, and control knobs (with no bracket) that emulated Ford control knobs of the early 60's (black ribbed plastic with a chrome disk insert). In addition, the aftermarket units all had "Motorola" and a Motorola Model number stamped into the metal portion of the enclosure, while the Ford units had either "RV2F, RV4F, RV4D, or RV6F" stamped into the metal side portion of the enclosure, along with a multidigit (non-Ford) Part Number. I, personally, have never seen an "RV3D or F", nor an "RV5D or F" stamped into a unit, although it is of course possible they may exist.

Another "quirk" that I have noticed over the years is that while all of the aftermarket Motorola units that I have come across, have had metal sides and bottoms with a black cardboard top, I have seen Ford RV4 units with **both** cardboard **and** metal tops. I have never seen an RV6 unit with other than a black cardboard top, but once again, they may also exist with a metal top.

Also of interest is how Ford named this system through the years; 1962-1964 it was "Studiosonic (one word) Sound System"; 1965-1966 it was "Studio Sonic (two words) Sound System"; and in 1967-1969 it became "Studio-sonic (hyphenated) Sound System".

In order to take a closer look at the "Studiosonic Sound System" units, a "year by year" breakdown follows :

1962

As noted earlier, this is the first year that I have found any information of the appearance of the Ford "Studiosonic Sound System". Interestingly, it does not appear in the "1962 Accessories" flyer (dated 1961), nor in the 1962 MPC. Thus, the 1962 unit was either a "mid" or "late" year introduction. It is noted in the Motorola Service Manual as Ford Part # C20Z-18875-C (which, as noted above, actually replaced C2AZ-18875-B). According to the Service Manual, this was furnished as a "Kit" which included the "RV2F" (the Ford version of the R200) reverberation unit, wiring harnesses tailored to the 1962 Fords, a Ford 8 ohm speaker, a Ford speaker grille, and necessary mounting hardware. Ford's "Suggested List Price" (SLP) was \$29.95.

reverberation system MANUAL 68P40056A24

MOTOROLA RV2F FORD C20Z-18875-C

### MOTOROLA

## M A service manual

#### GENERAL INFORMATION

The RV2F reverberation system is designed to be installed in an automobile with alz volt negative ground system that has a previously installed AM radio whose output impedance is 8 ohms.

This unit is designed for custom installation in 1962 Ford and Mer-

The newly designed reverberation unit is the heart of the reverberation system. Its reduced size minimizes noise generated through shock and allows the design of a compact classes installation. Soft to further supplement the springs to further supplement the springs that mount the reverberation unit to dampen and virtually eliminate noise generated due to shock.

The complete reverberation system consists of a two stage transistorized coverberation amplifier, a reverberation of a flat three (3) conductor cable (harness) with attached control assembly, speaker, grille, adaptors and necessary mounting hardware.

The harness supplies the power required by the reverberation amplifier and serves to complete the control circuit to the reverberation

The reverberation chassis (reverberation amplifier and reverberation unit) is mounted to the trunk floor For detailed installation instructions, see the "Installation Instructions, see the "Installation Instructions".

TRANSISTOR COMPLEMENT

ZN573 Driver Transistor ZN176 Power Transistor

### SERVICE NOTES

1. POLARITY - WHEN SERVICIN THIS AMPLIFIER, THE "A" LE MUST BE CONNECTED TO TE POSITIVE SIDE OF POWE SOURCE, IF CONNECTED OTHER WISE, AMPLIFIER WILL NOT OF ERATE AND DAMAGE TO COMPONENTS MAY RESULT.

2. POWER SUPPLY REQUIRE-MENTS - It is preferable to use a storage battery (without a battery charger) in place of a battery eliminator. If a battery eliminator is

3, DRIVER TRANSISTOR RE-PLACEMENT - When replacing a driver transistor, grasp the transistor leads (between transistor body and chassis) with a pair of long nose pliers to prevent excessive heating of transistor body during

4. POWER TRANSISTOR RE-PLACEMENT - When replacing a

A. Use the transistor specified in

B, Coat sides of transistor insulator with DC-4 grease (Motorola Part No. 11M490487) to insure

. Securely and evenly tighten the ransistor mounting screws,

## SERVICE STATION PROCEDURE

for the Ford Motor Company is not covered by the Motorola Warranty Plan because Ford Motor Company itself carries the warranty.

Motorola Warranty Labor C

Form is not to be used for repair of a Ford product, nor are defective parts for repair to be directed to Motorola, Inc. or their authorised distributors

followed by the Ford Dealer wher warranty repairs are required or any Motorola built Ford product,

. If he is not equipped, he may tak he unit to another Ford Dealer wh

the unit to another Ford Dealer wh has the facilities for this service

Station of his own choice with whom he has a Service Agreement.

If you have a contract agreement with Ford Dealers in your vicinity

A. Bill the Ford Dealer for replacement parts and for labor as agreed upon between you to repair

B. The model and serial numbe of each unit, the description of re pair, the Motorola or Ford num ber of the parts replaced, shoulappear on your invoice to the dealer.

C. All detective parts should the returned to the Ford Dealer, TH IS IMPORTANT AND NECESSAR so that he may receive his adjustment from the Ford Factory.

MOTOROLA INC. 9401 WEST GRAND AVENUE, FRANKLIN PARK, ILLINOIS PART NO. 68P40056A24 2-62 PRICE 20 CENTS PRINTED IN U.S.A.

### 1963

The 1963 Accessory foldout brochure shows that the 1962 Kit (C20Z-18875-C) was carried over for the 1963 Model Year, and used, at least for a time, in the 1963 Ford Models. The 1963 MPC, dated January of 1963 also confirms this. At some time between January 1963 and January of 1964, the 1962-63 Kit became C20Z-18875-**D**. Interestingly, the C20Z-18875-D was not shown as "NR" (Not Replaced) until sometime between July 1965 and July, 1966. The SLP was still noted as \$29.95.

## 1963 Accessory Brochure









EXTRA Fashion Flair.... FOR JUST PENNIES A MONTH

### 1964

For 1964, the Ford Accessory Brochure shows the "Studiosonic Sound System" as Part # C4AZ-18875-A. The Kit still included the 8 ohm speaker and speaker grille, but now, in addition, it also included a "Foot Operated Switch" to turn the rear speaker reverberation effect "On and Off". This switch is identical to the headlight dimmer switch; as a matter of fact, in the 1964 MPC under "Headlight Dimmer Switch" (Part # C0TF-13A024-A) is the notation "Also used for reverberation type rear seat speaker switch". This switch was in addition to the dash mounted control switch.

1964 Accessory Brochure

# 1964 FORD ACCESSORIES FOR Greater Listening Enjoyment

### FORD RADIOS ENHANCE DRIVING PLEASURE

Take your choice of genuine Ford quality AM radios or double duty AM/FM radios that blend glamorously with the interior of your car. The Ford name on the bezel tells you these radios both feature full transistor power and printed circuitry for instant response, static-free reception and long service life—plus automatic volume control and fingertip push button tuning.

The exceptional AM/FM radio with full-range programming and drift-free reception provides ultimate listening pleasure in your Ford or Thunderbird



STUDIOSONIC SOUND SYSTEM Reproduce music with the full fidelity of concert hall listening with Fort's Studiosonic System. Rear speaker reverberator delays sound waves a fraction of a second and blends them with front speaker to produce a rich consonance that cannot be matched by any ordinary rear seat speaker. One switch on the form that is the second of the control offerct, another on the floor trum's rear speaker on and offer.



AM/FM RADIO Enjoy the wider range of programs available with an AM/FM Radio. Select either the timeliness of AM radio reception or the tempo of FM reception with the flick of a button.







Along with Ford's new part number, Motorola also issued a new Service Manual (dated October, 1963). The Service Manual was designated "RV4F", and was shown for "both 1963 and 1964" Ford Models. As this manual came out during the 1964 Model Year, its use for 1963 models must have been as an "optional choice", as the C20Z unit is not shown in the January 1964 OSI as either "NR" nor "RB"; the only real differences being that the C4AZ unit



was now designated (and likewise stamped), "RV4F", and it included the Foot Operated switch. Interestingly, the November, 1963 Ford Suggested List Prices book lists all three, the C20Z-18875-C, the C20Z-18875-D and the C4AZ-18875-A, at \$29.95 each.





1965 Accessory Catalog

Both the C20Z and C4AZ Kits are shown as "NR" in the July 1966 OSI.



### 1965

PART NO. 68P40056A70 10-63

Several interesting things occurred in 1965, besides the "Studiosonic Sound System" Part # now being C5AZ-18875-E. The 1965 Accessory Catalog lists this part number along with its description, for a price of \$22.95 (neither the 1963 nor the 1964 Accessory brochures included prices). The last sentence of the description notes "Rear seat speaker is extra cost". Following the part number and price for the Kit, a "Foot Operated Switch" is listed (Part # C58Z-18876-A) for \$3.75.. Note that this is listed *incorrectly* (misinterpretation of dictaphone ?); It should have been noted as C5AZ-18876-A, as confirmed in the 1965 MPC. So thus, the speaker, speaker grille and the Foot Operated Switch were only included in the C4AZ Kit; for subsequent Kits, they were "extras", explaining the reduced cost.

Another interesting thing for 1965, is that even though the C5AZ "Studiosonic Sound System" is shown in the 1965 MPC as applicable to "Full Size, Fairlanes, Mustangs and Falcons", there is an additional listing for a C5ZZ-18875-A "Studiosonic Sound System" for Mustangs, "Except Model 76". I have never seen this unit, nor any additional information concerning it.



Of interest here in regard to the C5ZZ system, is that in the July 1967 OSI, it is shown as "RB" the C5AZ system, and in the same 1967 OSI, the C5AZ system is shown as "NR". Thus, the C5ZZ system being "RB" must have occurred between July 1966 and July of 1967. The November, 1966 SLP book still lists the C5AZ-18875-E Kit, but now at a SLP of \$26.80.



auto reverberation system

MANUAL 68P43100A28

FORD MODELS RV4D,RV4D-NS

## MOTOROLA GENERAL INFORMATION

### SERVICE NOTES

DLARITY - WHEN SERVICING
AMPLIFIER, THE "A" LEAR
T BE CONNECTED TO THE
FIVE SIDE OF POWER
CE, IF CONNECTED OTHER
AMPLIFIER WILL NOT OP
LE AND DAMAGE TO COM:
NITS MAY RESULT.

DRIVER TRANSISTOR

A. Use the transistor specified in the Replacement Parts List,

C. Securely and evenly tighter the transistor mounting screws,

SERVICE STATION

is model or any other automotive se radio previously manufactured Motorola for the Ford Motor mpany is not covered by the

# service manual



Motorola Auto Radio Guarantee Plan because Ford Motor Company itself carries the guarantee.

Motorola Guarantee Labor Claim Form is not to be used for a Ford radio repair, nor is it or defective parts for repair to be directed to Motorola, Inc. or their authorized

by the Service Station when repairs are required by aler on any Motorola built smobile or truck radio:

his adjustment from the Ford factory.

### REVERBERATION SYSTEM

The reverberation system custom tailors the sound to simulate the acoustics of a concerthall, At "live" performances, only a small percent-age of the sound comes directly from

### REVERBERATION UNIT

MOTOROLA INC. 9401 WEST GRAND AVENUE, FRANKLIN PARK, ILLINOIS

Once again, with the new Ford Part number, Motorola issued a new Service Manual dated October 1964. The previous "RV4F" unit is now designated either "RV4D" or "RV4D-NS". Motorola added the "-NS" designation to note that this Kit had "No Speaker". Presumably, this coincides with Ford's description that the Rear Speaker was not included, but available "at extra cost". However, this does not explain the "RV4D" (with speaker) being available, since the only C5AZ part number shown is the "-E". Possibly, the RV4D Kit was for the C5ZZ-18875-A part number?

In any case, the C5ZZ Kit is shown as being "RB" the C5AZ unit in the July 1966 OSI, and the C5AZ Kit is shown as "NR" in the July 1967 OSI.

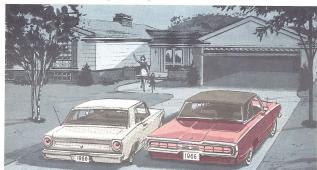
### 1966

The 1966 Accessory Catalog shows that the "Studiosonic Sound System: for all models is Part Number C6AZ-18875-A, and is now listed for \$27.95. The description does not mention a speaker being included; however, just below the part number and price, is a rectangular red box which says "Note: See your Ford Dealer for custom rear

1966 Accessory Catalog

### LISTENING PLEASURE

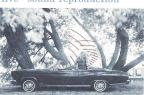
quality antennas sculptured by the wind



### **DUAL REAR QUARTER ANTENNAS**

Right and left rear telescopic antennas add a stylish flair with eir swept-back styling . . . gleaming chrome plated brass bing and base.

"live" sound reproduction



Special reverberator mechanism in this unit provides tone and fidelity that can't be matched by any conventional rear seed speaker ... rear speaker sound waves are delayed a seed speaker ... rear speaker sound waves are delayed a produce a rich consonence ... unit comes with an instrument panel control swith panel control swith an instrument panel control swith an instrument panel control swith an instrument panel control swith panel control swith panel pane

### **ELECTRIC ANTENNA**

ng lever switch rom 40" to 0"



### TWO-WAY RADIOS

These two new units are good investments for the who wish a low-cost two-way communications syssistorized and precision-crafted, this equipment "at home" in business or pleasure.

True excellence in electronics . . . eleven crystal controlled channels . . . virtually distortion free transmission—constant, drift-free receiver performance.

(I) CGAZ 18805-E (Universal Application) \$179.50

(2) See your Ford Dealer for details

# Compact convenience of portability . . . 2 3/4 station . . . features press-to-talk operation case included (3) CSAZ 18805-F (Universal Application)

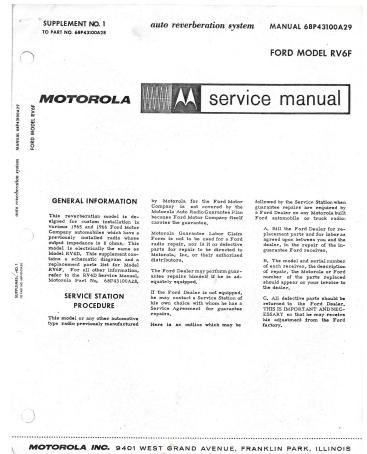
\*See your Ford dealer for other available Radio accessories (mobile and base station antennas, batteries, 117-volt adapter, tone signaling device

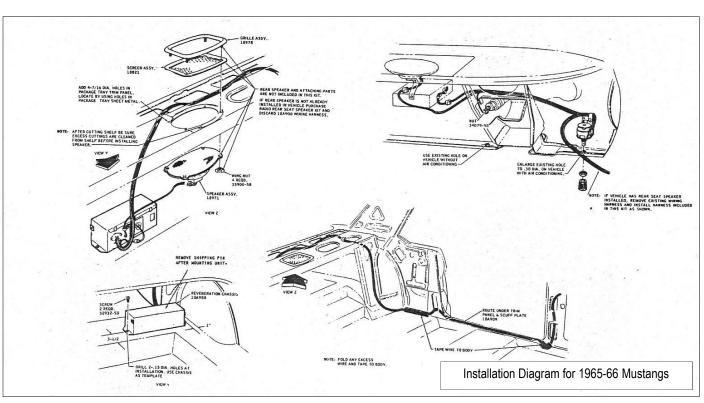
seat speakers and their specific model application". I believe that the 1965 offering hinted toward this, as with so many Models being available (Full Size Ford, Fairlane, Falcon, Mustang, etc.), a "universal" rear speaker was no longer applicable. A look at the list of Rear Speakers noted in the 1966 MPC and the 1960-68 MPC, shows at least 8 different ones, including "Standard", Delux", and ones for specific applications.

While the 1966 Accessory Catalog does not include a separate listing for the "Foot Operated Switch" (Part # C5AZ-18876-A), the 1966 MPC did still list it for "reverberator application". As a matter of fact, the C5AZ Foot Operated Switch was still available in 1969, and was finally "NR" sometime between 1969 and 1972.

Once again, with the new Ford Part Number, Motorola issued a new publication. However, this time, instead of a completely new Service Manual, they issued a "Supplement" to the RV4D Manual, noting that the new model, "RV6F" is "...designed for custom installation in various 1965 and 1966 Ford Motor Company Models which have a previously installed radio...", and "...is electrically the same as Model RV4D".

The C6AZ "Studiosonic Sound System" was shown as "NR" in the July, 1968 OSI.





### 1967-69

As noted at the beginning of this Post, I have little detailed information, and even less personal knowledge, in regard to the 1967 and "up" Studiosonic Sound Systems". As such, I am treating them collectively in order to at least pass on some basic information and observations.

The Ford part numbers for the 1967-69 units were C7AZ-18875-E, C8AZ-18875-E and C9AZ-18875-A respectively.

The 1967 and 1968 units are both shown in their respective year Accessory Catalogs. The 1967 system is listed for \$26.80, while the 1968 catalog does not list any prices.



Nov 1966 Parts and Merchandising News

WHAT'S NEW AND DIFFERENT

The 1967 Ford Accessories Catalog colorfully illustrates and describes the product features for the complete line of 1967 accessories. Following are some additional facts about several of the new items.

DE LUXE REAR SEAT SPEAKER (page 15)

This is an alternate kit for Mustang, Ford, Falcon, and Fairlane 2-door that the product of the product o



STUDIO-SONIC SOUND SYSTEM (page 15) All new for 1967. The reverberator unit is only one-third the size of the 1966 unit and mounts under the instru-

the size of the 1966 unit and mounts under the instrument panel out of sight. Wiring is designed to plug into existing rear seat speaker harness in the instrument panel area (no extensive wiring required). Controlled by the existing rear speaker fader . . . plus a foot switch to turn the reverberator off and on.

tor off and on.

PART NO. C7AZ-18875-E. (Order on interim form with weekly stock order.)

Adapter harness C7SZ-18A900-D is required on cars with console, all conditioner or other options requiring the reverberator to be mounted in Taggage or upartment.

A. STEREO TAPE PLAYER [Hang-on unit)—The magic and richness of living stereo is yours with this quality tape player. Uses sell-contained stereo tape cartridges—FORD. PAIRLANE, FALCON, MUSTANC—CAAZ 19A035-A [Not

panion for atereo tape players. Holds six tape cattridges. FORD, FAIRLANE, FALCON, MUSTANG-G&Z 18,080-A.

FORD STEREO 8 TAPE CLUB-New you too can save money on high quality stereo tope cartridges. Write to FORD STEREO 8 TAPE CLUB, Box 26880, Lawrence, Indiana, 46216 for information.

Indiana, 49216 for information.
C. AM/FM RADIO—Delight in the fine reception from Ford's combination AM and FM radio. Integral multiplex permits tuning to true stereo broadcasts. (Includes Antenna) FORD, FARILANDE, MUSTANIC, THUNDEBIRD—Basis Part No. 1880S.
D. AM/STEREO TAPE, PLAYER—Handsome combination

unit offers a complete entertainment center mounted conveniently in your car's instrument panel. [Includes Antenna)—FORD, MUSTANG, THUNDERBIRD—Basic Part No. 18905.

b. AM RADIO—All translatorized unit with push outloom and illuminated dial offers outstanding tone and fidelity. [Includes Antenna] ALL MODELS—Basic Part No. 18905.
REAR SEAT SPEAKERS—Surround yourself with the enchanting depth and dimension of "live" entertainment.
Basic Part No. 18975.

Basic Part No. 18875.

G. STUDIOSONIC SOUND SYSTEM – Add still another dimension to AM sound reception with the almost mystic effect of Ford's concert hail realism. C8AZ 18873-E.

H. ELECTRIC ANTENNA—Added convenience and luxury are featured in a remote controlled, automatic antenna.

are featured in a remote controlled, automatic antenna. FRONT—THUNDERBIRD, REAR—ALL MODELS—Basic Part No. 18013.

MANUAL CONTROLLED ANTENNA (REAR MOUNTED)—Provides a sports car floir at low cost. ALL MODELS—CSAZ 18013-1.

 TELEVISION—Fowerful air-channed (incutoing Usir) entertainment for your car, home or beach, All transfetorised for fine reception, ALL MODELS—CSAZ 19894-A.
 TWO WAY RADIO—[TWR-7]—Operates at full Swatt at grain and the property of the control of the control signal on any of 8 channels, ALL MODELS— CSAZ 18895-C.

NOTE: Ask your dealer for details on the various type of mobile antennas available with two way radio.

K. TWO WAY RADIO—(TWR-9)—Exceptional performanc...full 5-watt transmitter (6 channels)...simple t operate [Home Base 10 Volt Operation)—C7AZ 18805-C

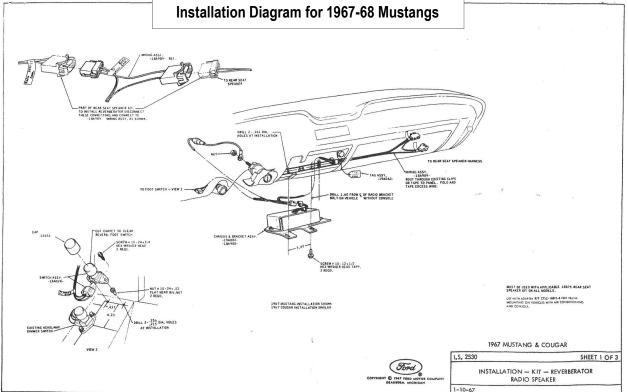
power input. ALL MODELS—CAZ 18993-G.

M. TWO WAY RADIO—(TWR-11)—Excellent, advanced d sign 10-channel unit has full 5-watt input power . . lo current drain, [110-Volt Adaptor and Selective C.

1968 Accessory Catalog











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While I do not have any Accessory Catalogs beyond 1968 (until the 80's), I would think that the 1969 unit was shown in the 1969 Accessory Catalog as I have included pictures of a 1969 unit, in its original box. All three (1967-69) were finally designated "NR" sometime between July 1974 and July 1976. Major points of the above "year by year" descriptions are summarized in the following spread sheet.

							S	UMMARY OF	FORD STU	DIOSONIC SOUN	ND SYSTEMS - 1962-1969		<del>                                     </del>	
														-
MODEL		NOTED IN FORD	NOTED IN INDIVIDUAL YEAR FORD PARTS	005144		SUGGEST		FORD						
	EODD DADT NO	ACCY. CATALOG		SPEAKER				CATALOG D			MOTOROLA SERVICE	MOTOROLA SERVICE	SERVICE MANUAL	MANUAL
TEAN	TORD PART NO.	ACCT. CATALOG	AND ACCT CAT IMPC)	INCLUDED	INCLUDED	PRICE	NR	DATE	RB	DATE	MANUAL DESIGNATION	MANUAL NUMBER	YEAR(S) DESIGNATION	DATE
1962	C2AZ-18875-B	N	Ν ·	Y	N/A	\$29.95		-	C20Z-C	JAN 63 OE				-
					100	420.00		-	OZOZ-O	UNIT US OL				
	C20Z-18875-C	N	N	Y	N/A	\$29.95	-			1	RV2F	68P40056A24	1962	02/01/62
1963	C20Z-18875-C	Y												
	C202-18875-C	Υ	Y	Y	N/A	\$29.95	-	-	C20Z-D	JAN 64 OE	RV2F	68P40056A24	1962	02/01/62
	C20Z-18875-D	N	N	Y	N/A	\$29.95	Y	JUL 66 OE			D. O.			
	OZOZ-10075-D		- 19		IV/A	\$29.95	- T	JUL 66 CE			RV2F	68P40056A24	1962	02/01/62
1964	C4AZ-18875-A	Y	Y	Y	Ÿ	\$29.95	Y	JUL 66 OE			RV4F	68P40056A70	1963-64	10/01/00
								OOL CO OL	-		KV4F	00P40000M70	1803-04	10/01/63
1965	C5AZ-18875-E	Y	Y	N-EC	N - EC	\$22.95			C6AZ-A	JUL 67 OE	RV4D & RV4D-NS	68P43100A28	1965	10/01/64
													1000	10/01/04
	C5ZZ-18875-A	N	Y	?	?	?			C5AZ-E	JUL 65 OE	?	7	?	?
1966	C6AZ-18875-A	Y	¥											
1900	COAZ-10070-A	I	<u>-</u>	N - EC	N - EC	\$27.95	Y	JUL 68 OE			RV6F	68P43100A29	1965-66	08/01/65
1967	C7AZ-18875-E	Y	Y	N - EC	Y	\$26.80	+- Y	JUL 76 OE			2	?		
1001	017.00 10070 2		May remark the desired management between the constraints and the constraints of the cons	IN-LO		\$20.00		JUL 10 CE	-		· · · · · ·		?	?
1968	C8AZ-18875-E	Y	Y (IN 1960-68 MPC)	N - EC	Y	?	Y	JUL 76 OE			?	?	?	?
							-		-		<del></del>			
1969	C9AZ-18875-A	?	?	N - EC	Y	?	Y	JUL 76 OE			?	?	?	7
	NOTES:	1) Abbreviations Used					-							
	NOTES;		log											
	-		a) MPC - Master Parts Catalog b) NR - Not Replaced											
	***************************************		RB - Replaced By		-		+							
			d) OE - Or Earlier (Inclusion	n of this note	tion means t	hat action show	n could have	occurred hely	veen OSI no	ted and previous	onel			
			) N/A - Not Available	To the Hotel	ion means t	nat action once	T COUIG HAVE	occurred bety	veen oor no	ted and previous	orie)			
			f) EC - Extra Cost		-		-							
			) ? - Do Not Have any Doo	cumentation I	or This									
			Total and resident the control of th											
		Accessory Catalogs typically were available at Model Year Introduction (Usually September of pravious year)												
		3) Individual Model Year Parts & Accessories Catalogs (MPC's if you will) are all Dated January of the Model Year												
		3) Individual Model Teal Parts & Accessories Catalogs (MPC's If you will) are all Dated January of the Model Year												
		4) Documentation Sources Used ;					-			-				
		a) 1962,63,64,65,66,67 and 68 Accessory Catalogs				-								
		b) 1962,63,64,65,66 and 67 MPC's					-							
			(Dated 1967 and 1968)									***************************************		
			67,68,69,71,74 and 76 OS											
			d 65 Motorola Service Mani	uals					and the same of th					
		t) SAM's Photofa	ict Technical Library											
		El Des Courses l'el	and f)", there is no evidence	-//										
		o) Let onnices 6) 8	and i), there is no evidence	or the existe	nce of KV3L	J OF F Units, or o	DI KV5D OF F	Units for Ford	vahicles					

Should anyone have any documentation which would replace the question marks (?) in the above spread sheet, please contact the author, Bob McKee, through the Private Message system (PM) on this site- Screen Name -196667Bob