

TECHNICAL SERVICE BULLETIN

SPECIFICATIONS

The Ford model FDA-18805-A, Mercury model FDC-18805-A and Lincoln models FDD-18805-A (Cosmopolitan) and FDD-18805-B (Capri) are eight tube two unit superheterodyne receivers designed for use in the 1954 Ford, Mercury and Lincoln cars respectively. These radios are essentially similar, using vibrator power supplies and push-pull audio output stages. The antenna, RF and Oscillator circuits are inductively tuned with iron cores both manually and with push buttons over a range of 540 to 1600 KC. The major differences in these receivers are in styling of escutcheons, control knobs and dial assemblies, and their method of mounting in the cars. The Lincoln Capri (4SH764) and Cosmopolitan (4SH766) differ only in color of push buttons and control knobs. Serial numbers of the receivers covered in this bulletin are 4SF-765-1001 and up (Ford), 4SM-767-1001 and up (Mercury), 4SH764-1001W and up (Lincoln Capri) and 4SH-766-1001B and up (Lincoln Cosmopolitan).

TUBE COMPLEMENT

6BD6	RF Amplifier
6BE6	Converter
6BD6	IF Amplifier
6AV6	Detector & 1st. A. F. Amplifier
6AV6	AVC & Inverter
6AQ5(2)	Push-Pull Audio Output
6X4	Rectifier

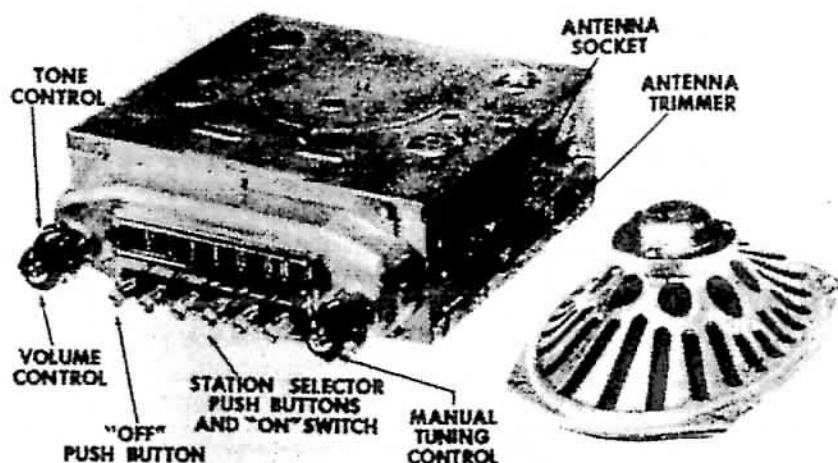


FIG. 1 MODEL 4SF765

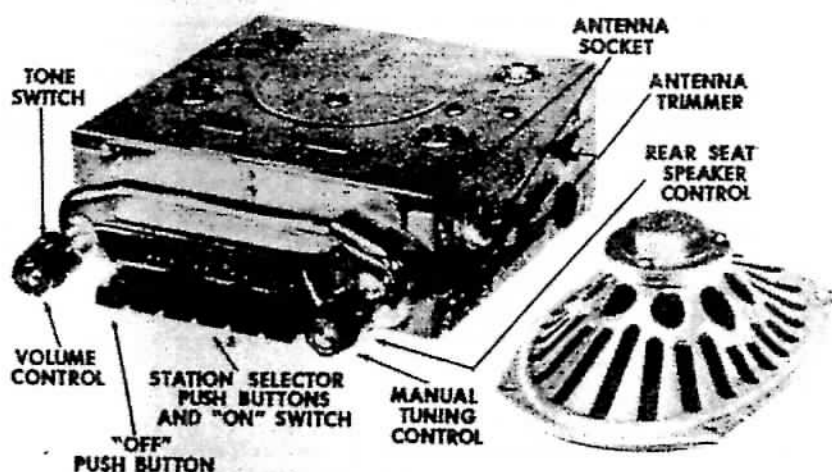


FIG. 2 MODEL 4SM767

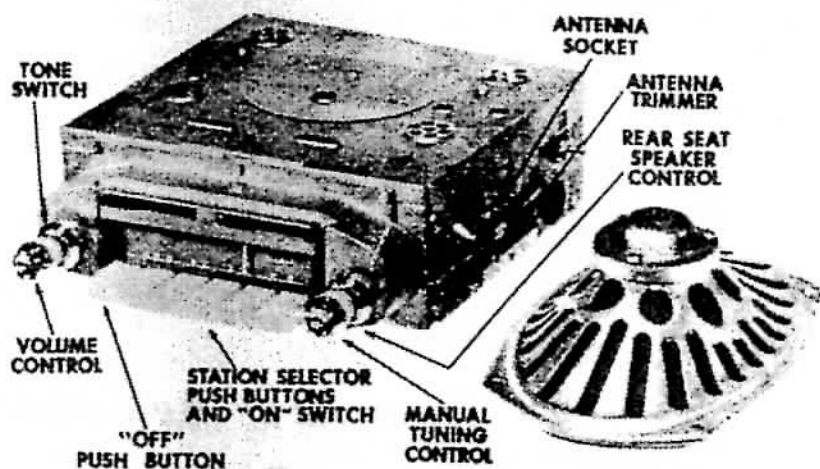


FIG. 3 MODEL 4SH764

Model 4SH766 differs from model 4SH764 only by its black push buttons and control knobs.

ALIGNMENT PRELIMINARY INSTRUCTIONS

1. Connect "A" lead to a 7.2 volt negative source and ground chassis to positive side of source.
2. Turn volume control to maximum clockwise position. Set tone control or switch to fully clockwise position.
3. Connect output meter across speaker voice coil.

4. Keep signal generator output at lowest possible level to prevent receiver AVC from interfering with accurate alignment.
 5. Use a thick bit, non-metallic screw driver for IF alignment to avoid damaging cores.
- NOTE: It is recommended that both top and bottom covers of receiver be left in place during alignment.

ALIGNMENT CHART

STEP	TUNING CONTROL SET TO	DUMMY ANTENNA	SIGNAL GENERATOR Connection Freq.		ADJUST	COMMENTS
IF ALIGNMENT						
1.	Position where no squeals or beats are heard and no appreciable change of output occurs.	1MFD.	Hot lead to pin 7 of 6BE6 converter through dummy antenna. Ground lead to case.	265KC	T2 - "A" then "B" T1 - "C" then "D"	Adjust IF Transformers in order given, for maximum output. Repeat procedure until no further increase of output occurs.
RF AND OSCILLATOR ALIGNMENT						
1.	High frequency stop on dial.	See Fig. 5	Through dummy antenna to antenna receptacle on receiver.	1610KC	C10 Osc. Trimmer C9 Conv. Trimmer C1 Ant. Trimmer	Adjust trimmers in order given, for maximum output.
2.	Check dial calibration. If calibration is off after step 1 alignment, make corrections with calibration adjustment screw. (See Figure 4)					
CORE ALIGNMENT						
NOTE: The following adjustments are to be made only if a core has been replaced or tampered with.						
1.	High frequency stop on dial.	See Fig. 5	Through dummy antenna to antenna receptacle on receiver.	1610 KC	C10 Osc. Trimmer C9 Conv. Trimmer C1 Ant. Trimmer	Adjust trimmers in order given, for maximum output.
2.	1000 KC	Same as 4	Same as 4	1000 KC	L4 Osc. Core L1 Ant. Core L3 RF Core	Adjust L4 to scale at 1000 KC. Adjust L1 and L3 for maximum output.
3.	Repeat steps 1 and 2 to insure correct tracking and calibration.					
4.	Weak station at approximately 1000 KC.				C1 Ant. Trimmer See "Comments"	Receiver installed in car. Allow receiver approximately 15 minutes warm up. Antenna extended to maximum height.

SENSITIVITY CONTROL

The sensitivity control R6 is factory preset and should not be readjusted unless it has been tampered with. If it is definitely determined

that readjustment is necessary, set R6 to obtain 4.5 volts at cathode (pin #7) of 6BD6 IF Amplifier with no signal input to receiver.

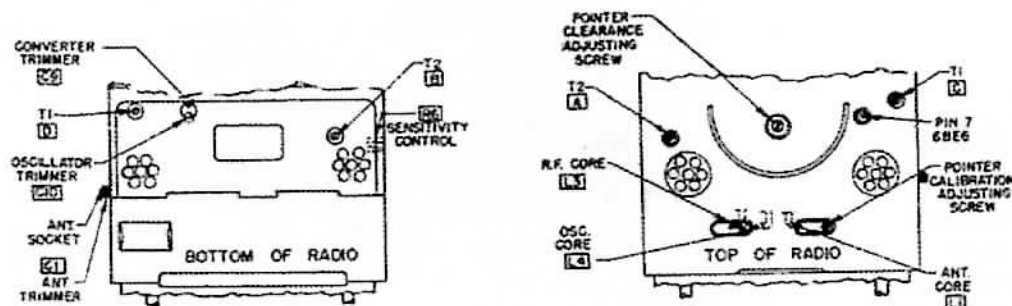


FIG. 4 ALIGNMENT POINTS

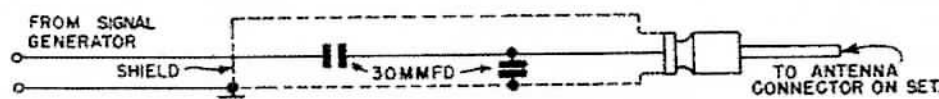


FIG. 5 DUMMY ANTENNA

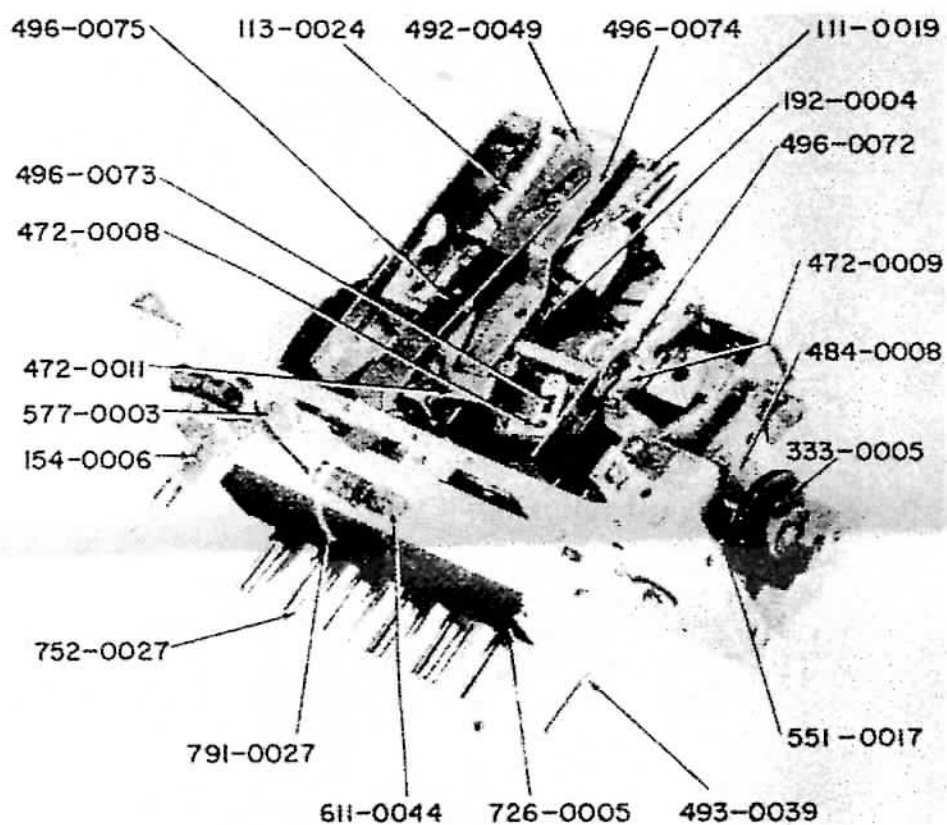


FIG. 8 4SF765 TUNER

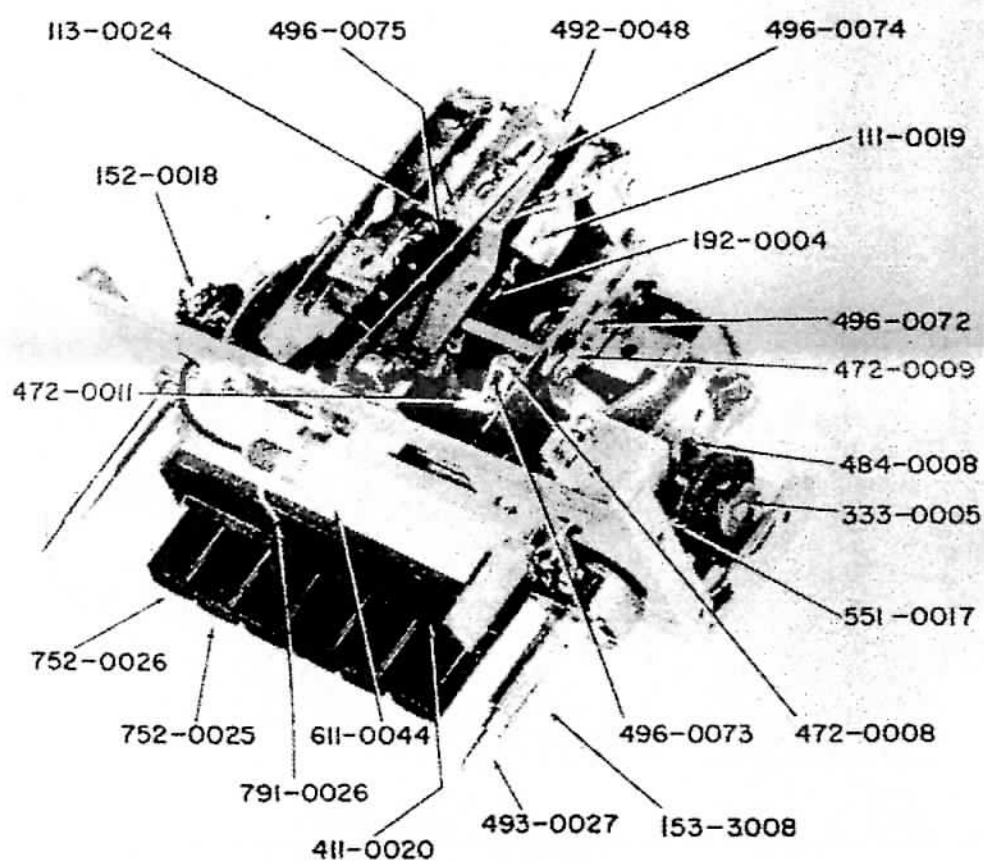


FIG. 9 4SM767 TUNER

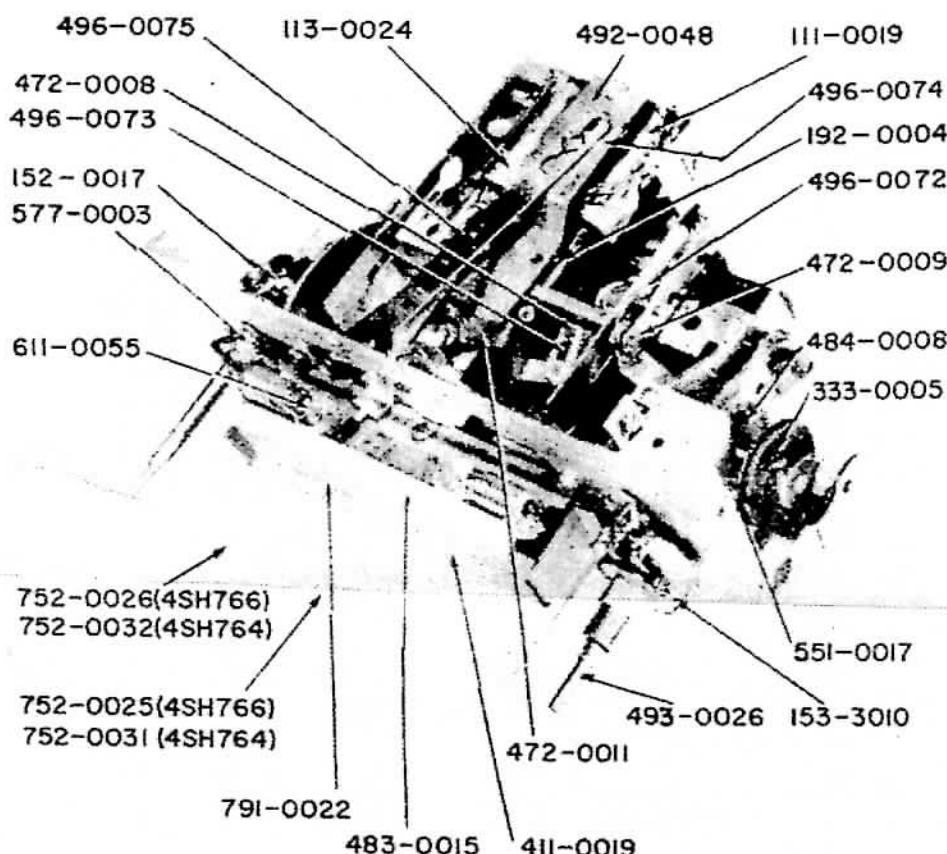


FIG. 10 4SH764 AND 4SH766 TUNER
REPAIR PARTS LIST

SCHEMATIC LOCATION	PRODUCTION PART NO.	SERVICE PART NO.	DESCRIPTION	SCHEMATIC LOCATION	PRODUCTION PART NO.	SERVICE PART NO.	DESCRIPTION
TUNER UNIT AND PARTS				TUNER UNIT AND PARTS CONT'D.			
53-85005-1	313-0030		Tuner Unit Assembly - 4SF755 - Mechanical portion only - includes push buttons, driven clutch disc, crown gear, manual tuning shaft.	86-76168-1	491-0018		Gasket - Light Shield (4SM767)
53-76610-1	313-0027		Tuner Unit Assembly - 4SM767 - Mechanical portion only - includes push buttons, driven clutch disc, crown gear, manual tuning shaft.	03-76167-1	484-0008		Gear & Bushing Assembly
53-76610-2	313-0028		Tuner Unit Assembly - 4SM768 - Mechanical portion only - includes push buttons, driven clutch disc, crown gear, manual tuning shaft.	03-76390-1	484-0018		Gear - Crown & Pinion Assembly
53-76610-2	313-0026		Tuner Unit Assembly - 4SM769 - Mechanical portion only includes push buttons, driven clutch disc, crown gear, manual tuning shaft.	03-76402-1	484-0019		Gear - Drive & Bushing Assembly
74-85007-1	722-0005		Background - Dial (4SF765)	03-76391-1	484-0007		Gear - Pinion & Shaft Assembly
74-76681-1	411-0026		Background - Dial (4SM767)	81-76197-1	472-0009		Link - Connecting
03-76179-3	411-0019		Background Assembly - Dial (4SH764, 4SH766)	81-76195-1	472-0006		Link - Pointer Connecting
71-80493-1	481-0011		Ball Bearing - .125"	03-76176-2	472-0011		Link & Stud Assembly - Pointer Drag
03-76585-2	492-0049		Bracket Assembly - Pointer Support (4SF765)	81-76332-1	331-0004		Lock - Cam (4SF765)
03-76585-1	492-0048		Bracket Assembly - Pointer Support (4SM767, 4SH764, 4SH766)	70-71699-1	552-0020		Nut - 1/2-28 Hex. Special (4SH764, 4SH766, 4SM767)
03-71818-1	333-0007		Bracket & Roller Assembly - Clutch Release	70-75031-1	552-0023		Nut - 3/8-32 Hex. - Control Mounting
03-76148-1	451-0016		Bushing Assembly - Volume Control Shaft (4SH764, 4SH766)	70-411-8	552-0003		Nut - #8-32 (4SM767)
03-76131-1	451-0015		Bushing Assembly - Volume Control Shaft (4SM767)	70-410-10	552-0007		Nut - #10-32 Hex. (Adjusting Screw and Nut Assembly)
74-76103-2	752-0031		Button - Push (4SH764)	03-76599-2	752-0035		Plunger - Switch Assembly (4SF765)
74-76103-1	752-0025		Button - Push (4SH766, 4SM767)	74-85008-1	701-0027		Pointer (4SF765)
74-76104-2	752-0032		Button - Push - "Off" (4SH764)	74-76597-2	791-0026		Pointer (4SM767)
74-76104-1	752-0026		Button - Push - "Off" (4SH766, 4SM767)	74-76587-1	701-0022		Pointer (4SH764, 4SH766)
03-76338-2	752-0027		Button - Push & Screw Assembly (4SF765)	84-71847-1	554-0015		Ring - Retaining (Tuning Shaft Assembly)
70-85071-1	487-0032		Clip - Knob Spring (4SF765)	70-450811-3	551-7000		Screw - #6-32 x 3/16 Hex. Hd. Ext. Washer (4SF765)
03-85966-1	333-0005		Clutch Disc Assembly - Driven	70-540821-5	551-8003		Screw - #6-32 x 5/16 Hex. Hd. Thread Forming
52-76962-1 or 2	117-0015		Coils - Permeability Tuning Unit includes:	70-71838-1	551-0017		Screw - Pivot
			Coil - Antenna	86-76133-1	491-0013		Seal - Dust (4SH764, 4SH766)
			Coil - Oscillator	89-85014-1	492-0039		Shaft - Manual Tuning Assembly (4SF765)
			Coil - RF	03-76540-1	483-0025		Shaft - Manual Tuning Assembly (4SH764, 4SH766)
			Core - Iron Tuning & Spring Assembly	03-76540-2	493-0027		Shaft - Manual Tuning Assembly (4SM767)
74-85009-1	722-0033		Dial (4SF765)	81-76141-1	483-0015		Shield - Dial Light (4SH764, 4SH766, 4SM767)
74-85059-1	722-0034		Dial (4SM767)	77-71827-1	496-0043		Spring - Clutch Release
74-85017-1	711-0034		Escutcheon Assembly (4SF765)	77-76192-1	496-0072		Spring - Connecting Link
74-85067-1	711-0033		Escutcheon Assembly (4SH764, 4SH766)	77-76288-1	496-0075		Spring - Pointer Bearing
74-85112-1	711-0032		Escutcheon (4SM767)	77-76478-1	496-0073		Spring - Pointer Drive
				77-71835-1	496-0045		Spring - Release Bar
				77-85077-1	498-0074		Spring - Pointer Tension
				33-76227-1	577-0003		Switch - Dimmer (4SF765, 4SH764, 4SH766)
				70-71846-1	553-2008		Washer - Flat - Manual Tuning Shaft Assembly
				71-44638-1	553-0010		Washer - Spacing - Manual Tuning Shaft Assembly
				70-71876-1	553-0008		Washer - Spring - Manual Tuning Shaft Assembly
				71-76210-1	553-0028		Washer - Manual Tuning Shaft (4SF765)
				70-65886-1	553-5006		Washer - Wave (4SF765)

SCHEMATIC LOCATION	PRODUCTION PART NO.	SERVICE PART NO.	DESCRIPTION
TUBE COMPLEMENT			
			6BD6 - RF Amplifier
			6BE6 - Converter
			6BD6 - IF Amplifier
			6AV6 - Detector & 1st AF Amplifier
			6AV6 - AVC & Inverter
			6AQ5 - Push Pull Audio Output
			6AQ5 - Push-Pull Audio Output
			9X4 - Rectifier
CAPACITORS			
C1	42-76527-1	172-0033	Antenna Trimmer
C2	44-551515-20	164-0150	150 Mmfd. - 500 V. - Silver Mica (4SF765, 4SM767)
C2	44-551015-20	164-0100	100 Mmfd. - 500 V. - Silver Mica (4SH764, 4SH766)
C3	45-71632-1	168-0002D	.01 Mfd. - 500 V. - Ceramic (4SF765, 4SM767)
C3	43-76573-1	160-5000D	.005 Mfd. - 500 V. - Ceramic (4SH764, 4SH766)
C4	45-824732-1	160-02147	.047 Mfd. - 200 V. - Molded Paper Part of L2. See "Miscellaneous Electrical Parts"
C6	45-641041-1	160-0401	.1 Mfd. - 400 V. - Molded Paper
C7	44-55331-15	172-0015	33 Mmfd. - 500 V. - Mica
C8	44-551603-15	164-0016	15 Mmfd. - 500 V. - Silver Mica
C9, C10	42-76526-1	173-0002	RF & Osc. Trimmer & Fixed Capacitors
C11	43-76379-1	165-0235A	210 Mmfd. - Ceramic - Temp. Compensating
C12	45-621043-1	160-0201	.1 Mfd. - 200 V. - Molded Paper
C13	44-551002-15	164-0016	15 Mmfd. - 500 V. - Silver Mica
C14	45-644721-1	160-04247	.0047 Mfd. - 400 V. - Molded Paper (4SF765)
C14	45-661222-1	160-06215	.0015 Mfd. - 600 V. - Molded Paper (4SM767, 4SH764, 4SH766)
C15	45-621531-1	160-06115	.015 Mfd. - 250 V. - Molded Paper (4SF765)
C15	45-645621-1	160-04256	.0056 Mfd. - 400 V. - Molded Paper (4SM767, 4SH764, 4SH766)
C16	45-645621-1	160-04256	.0056 Mfd. - 400 V. - Molded Paper
C17, C18	44-55212-20	163-0320	220 Mmfd. - 500 V. - Mica
C19	45-662127-1	160-06122	.022 Mfd. - 600 V. - Molded Paper
C20	45-71632-1	168-0002D	.01 Mfd. - 500 V. - Ceramic
C21	45-662127-1	160-06122	.022 Mfd. - 600 V. - Molded Paper
C22	41-71633-1	161-3005	Three Section Electrolytic
C23			20 Mfd. - 25 V.
C24			20 Mfd. - 350 V.
C25	45-71750-1	169-0001	.5 Mfd. - 100 V. - Paper
C26	45-71682-1	160-15282	.0082 Mfd. - 1,800 V. - Molded Paper
C27	45-76874-1	160-0017	Ceramic Feed Through

MISCELLANEOUS CHASSIS PARTS

F1	71-67326-1	487-0004	Clip - IF Transformer Mounting
F2	81-76963-1	483-0030	Cover - Tube and Vibrator Protector
F2	73-71540-2	582-0006	Holder - Fuse (4SF765)
	73-76568-1	562-0008	Holder - Fuse (4SH764, 4SH765, 4SM767)
	19-75618-5	165-0027	Lead - Dimmer (4SF765)
	19-75618-4	165-0010	Lead - Dimmer (4SH764, 4SH766)
	81-76611-1	473-0003	Lever - "On/Off" Switch Actuating
	70-71546-1	552-0021	Nut - #8-32 Self Locking - Dual Capacitor Mounting
	73-71589-1	414-0002	Plug - 3 Prong Speaker (4SF765)
	73-71589-1	415-0005	Plug - 2 Prong Speaker (4SM767, 4SH764, 4SH766)
	70-540831-5	551-8003	Screw - #8-18 x 5/16" Hex. Head
	71-71529-1	410-0002	Socket - Antenna Connector
	72-62493-1	412-0015	Socket - Tube - 7 Prong Miniature
SP5	73-71588-1	414-0001	Socket - 3 Prong Speaker (4SF765)
SP1	73-71588-1	414-0005	Socket - 4 Prong Speaker (4SM767, 4SH764, 4SH766)
	77-66423-1	415-0005	Socket - Vibrator

MISCELLANEOUS ELECTRICAL PARTS

PL1	30-62495-44	611-0044	Bulb - Dial Light (4SF765)
PL1	30-62495-44	611-0044	Bulb - Dial Light (4SM767)
PL1, PL2	30-62495-55	611-0055	Bulb - Dial Light (4SH764, 4SH766)
L5	50-76979-1	147-0007	Choke - Hash
L6	50-76478-1	145-0007	Choke - Heater
L2, C5	50-75918-1	118-0008	Coil - IF Trap
	50-76895-1		
R28	27-76481-2	152-3008	Control - Dual Speaker (4SM767)
	37-76482-2		
R28	37-76481-1	152-3010	Control - Dual Speaker (4SH764, 4SH766)
	37-76482-1		
R6	37-71645-1	159-0004	Control - Sensitivity
R10, R31	37-85008-1	154-0005	Control - Volume & Tone (4SF765)
	37-85042-1		
R10, S1	37-76559-2	152-0016	Control - Volume & Tone Switch (4SM767)
	37-76561-2		
R10, S1	37-76559-1	152-0017	Control - Volume & Tone Switch (4SH764, 4SH766)
	37-76561-1		
SP1	12-85043-1	539-0001	Speaker - 6" x 9" P.M. (4SF765)
SP2	12-85043-1	539-0008	Speaker - 6" x 9" P.M. (4SM767)
SP2	12-76940-1	539-5702	Speaker - 5" x 7" P.M. (4SH764, 4SH766)
SP3	12-85043-1	539-0001	Speaker - 6" x 9" P.M. (Rear Seat) (4SH764, 4SH766)

SCHEMATIC LOCATION	PRODUCTION PART NO.	SERVICE PART NO.	DESCRIPTION
INSTALLATION PARTS 4SF765			
F1	81-85024-1	492-0060	Bracket - Receiver Mounting - L.H.
	81-85024-2	492-0061	Bracket - Receiver Mounting - R.H.
	45-85022-1	567-0006	Capacitor - Fuel Gauge
	40-76226-1	564-0002A	Capacitor - Generator
	40-75156-1	569-0004B	Capacitor - Voltage Regulator
	77-76930-1	568-0003	Collector - Wheel Static
	29-82470-14	191-0002	Fuse - 14 Amp (SFE14)
	74-76214-1	744-0020	Knob - Tone Control & Trim
	74-85012-1	740-0050	Knob - Tuning & Volume
	19-78173-2	561-0003A	Lead - "A"
	76-71023-1	552-0033	Nut - 1/4-20 - Hex.
	70-71669-1	552-0020	Nut - 1/2-28 Hex. Special
	70-75063-1	552-0001	Nut - #8-32 Wing
	70-71747-1	550-0003	Screw - #8 x 1/2 Slot Bd. Hd. Tapping
	77-71053-1	496-0010	Spring - Knob Retaining
	83-76205-1	193-0007	Strap - Hood Bonding
	38-75935-1	563-0006	Suppressor Lead - Ignition Coil
	70-78050-14	553-1114	Washer - Lock - 1/4" Ext. Tooth
	70-71491-1	553-1250	Washer - Lock - 1/2" Int. Tooth

INSTALLATION PARTS 4SM767

F1	81-76681-1	492-0042	Bracket - Receiver Mounting - L.H.
	81-76681-2	492-0043	Bracket - Receiver Mounting - R.H.
	45-85022-1	567-0006	Capacitor - Fuel Gauge
	40-76226-1	564-0002A	Capacitor - Generator
	45-85036-1	569-0016	Capacitor - Oil Gauge
	40-75156-1	569-0004B	Capacitor - Voltage Regulator
	29-82470-14	191-0002	Fuse - 14 Amp (SFE14)
	74-76127-1	744-0018	Knob - Tone & Rear Speaker Control
	74-85058	740-0047	Knob - Tuning & Volume
	19-76564-5	561-0010	Lead - "A"
	70-71023-1	552-0033	Nut - 1/4-20 Hex.
	70-71669-1	552-0020	Nut - 1/2-28 Special
	70-71747-1	550-0003	Screw - #8 x 1/2 Slot Pan Hd. - Tapping
	83-76205-1	193-0007	Strap - Hood Bonding
	38-75935-1	563-0000	Suppressor Lead - Ignition Coil
	70-71491-1	553-1250	Washer - Lock - 1/2" Int. Tooth
	70-78050-14	553-1114	Washer - Lock - 1/4" Ext. Tooth

INSTALLATION PARTS 4SH764, 4SH766

F1	81-76681-1	492-0042	Bracket - Receiver Mounting
	45-85022-1	567-0006	Capacitor - Fuel Gauge
	40-76226-1	564-0002A	Capacitor - Generator
	45-85036-1	569-0016	Capacitor - Oil Gauge
	40-76394-1	569-0004B	Capacitor - Voltage Regulator
	29-82470-14	191-0002	Fuse - 14 Amp (SFE14)
	03-76221-1	774-0004	Grille & Screen Assembly - Rear Seat Speaker
	74-76144-1	744-0019	Knob - Tone & Rear Speaker
	74-85034-2	740-0019	Knob - Tuning & Volume (4SH764)
	74-85034-1	740-0048	Knob - Tuning & Volume (4SH766)
	19-76564-2	561-0010	Lead - "A"
	70-71023-1	552-0033	Nut - 1/4 - 20 Hex.
	70-76422-1	552-0032	Nut - 1/2 - 28 Hex.
	70-76445-1	552-0001	Nut - #8-32 Wing
	70-71491-1	553-1250	Washer - Lock - 1/2" Int. Tooth
	70-78050-14	553-1114	Washer - Lock - 1/4" Ext. Tooth

RESISTORS

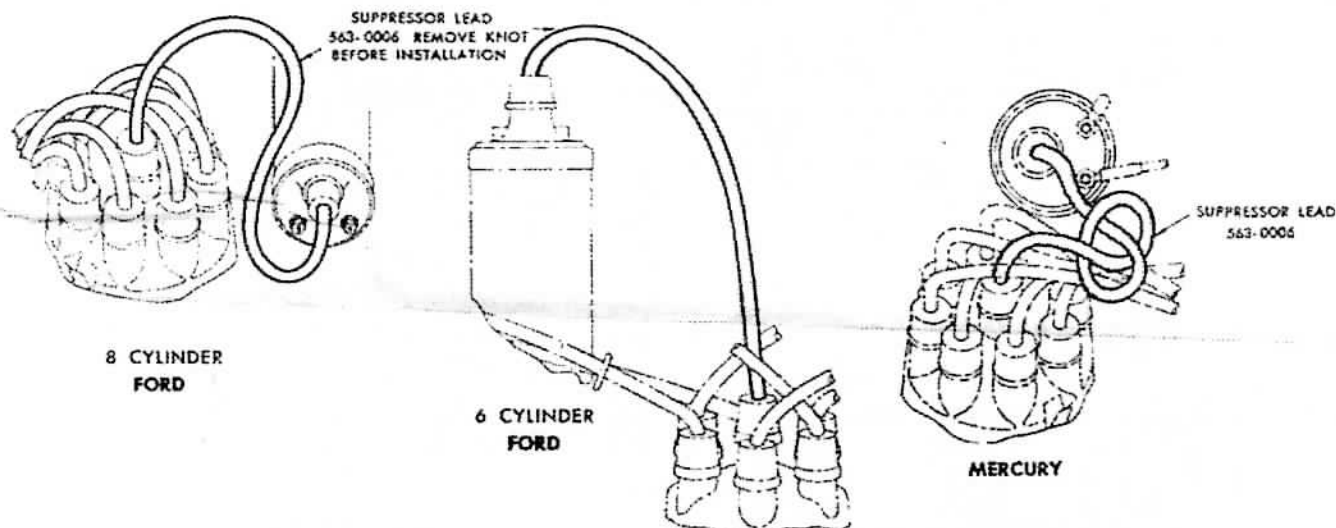
All resistors listed below are insulated carbon units unless otherwise specified.

R1	35-331052-1	181-0105	1.0 Megohm - 1/2 W.
R2	35-331051-1	181-0102	10,000 Ohm - 1/2 W.
R3	35-333042-1	181-0324	330,000 Ohm - 1/2 W.
R4	35-334732-1	181-0473	47,000 Ohm - 1/2 W.
R5	35-331562-1	181-0156	15 Megohm - 1/2 W.
R6			See "Miscellaneous Electrical Parts"
R7	35-333981-1	181-0393	39,000 Ohm - 1/2 W.
R8	35-331231-2	181-0123	12,000 Ohm - 2 W.
R9	35-331041-1	181-0104	100,000 Ohm - 1/2 W.
R10			See "Miscellaneous Electrical Parts"
R11	35-332247-1	181-0224	220,000 Ohm - 1/2 W.
R12	35-334731-1	181-0473	47,000 Ohm - 1/2 W.
R13	35-334741-1	181-0474	470,000 Ohm - 1/2 W.
R14	35-334701-1	181-0470	47 Ohm - 1/2 W.
R15	35-331521-1	181-0152	1,500 Ohm - 1/2 W.
R16	35-331562-1	181-0156	15 Megohm - 1/2 W.
R17	35-331052-1	181-0105	1.0 Megohm - 1/2 W.
R18	35-333342-1	181-0334	330,000 Ohm - 1/2 W.
R19	35-331052-1	181-0105	1.0 Megohm - 1/2 W.
R20	35-331541-1	181-0154	150,000 Ohm - 1/2 W.
R21	35-336882-1	181-0885	6.8 Megohm - 1/2 W.
R22	35-333341-1	181-0334	330,000 Ohm - 1/2 W.
R23	35-334731-1	181-0473	47,000 Ohm - 1/2 W.
R24	35-331541-1	181-0154	150,000 Ohm - 1/2 W.
R25	35-332241-1	181-0224	220,000 Ohm - 1/2 W.
R26	35-433911-1	182-0391	390 Ohm - 1 W.
R27	35-332721-1	181-0272	2,700 Ohm - 1/2 W.
R28			See "Miscellaneous Electrical Parts"
R29	35-71284-1 nr. 2	180-0012	1,800 Ohm - 2 W.
	36-71677-1	180-0002	1,800 Ohm - 2 W. - W.W.
R30	35-431511-1	181-0151	150 Ohm - 1 W.
R31			See "Miscellaneous Electrical Parts" (4SF765)
R31	35-331041-1	181-0104	100,000 Ohm - 1/2 W. (4SM767, 4SH764, 4SH766)

INTERFERENCE ELIMINATION

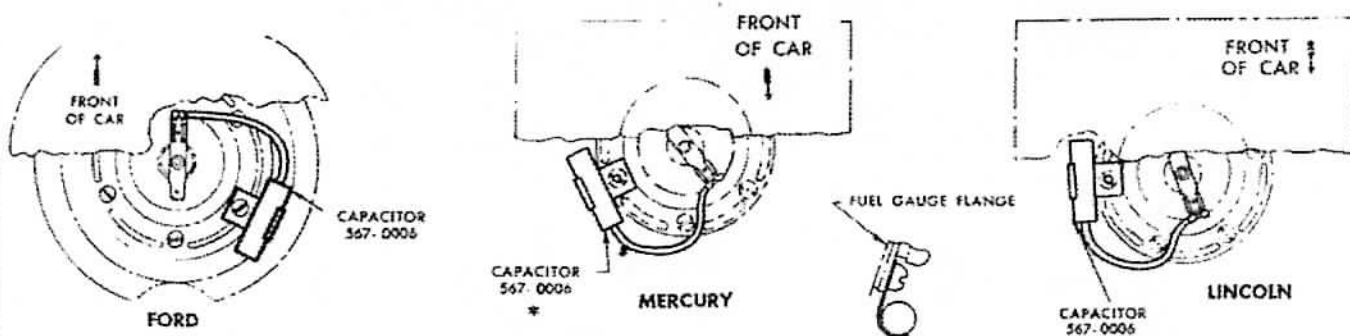
There should be no ignition interference or motor noise if the receiver has been installed in the car according to the instructions furnished with the receiver. Refer to the following illustrations and instructions when checking the interference suppression equipment. When checking or re-

installing interference suppression equipment make sure that all dirt and grease is removed from connections or contacts and that any screws, bolts or nuts used to secure the interference suppression equipment are tightly fastened. Items bearing asterisk (*) are factory installed.



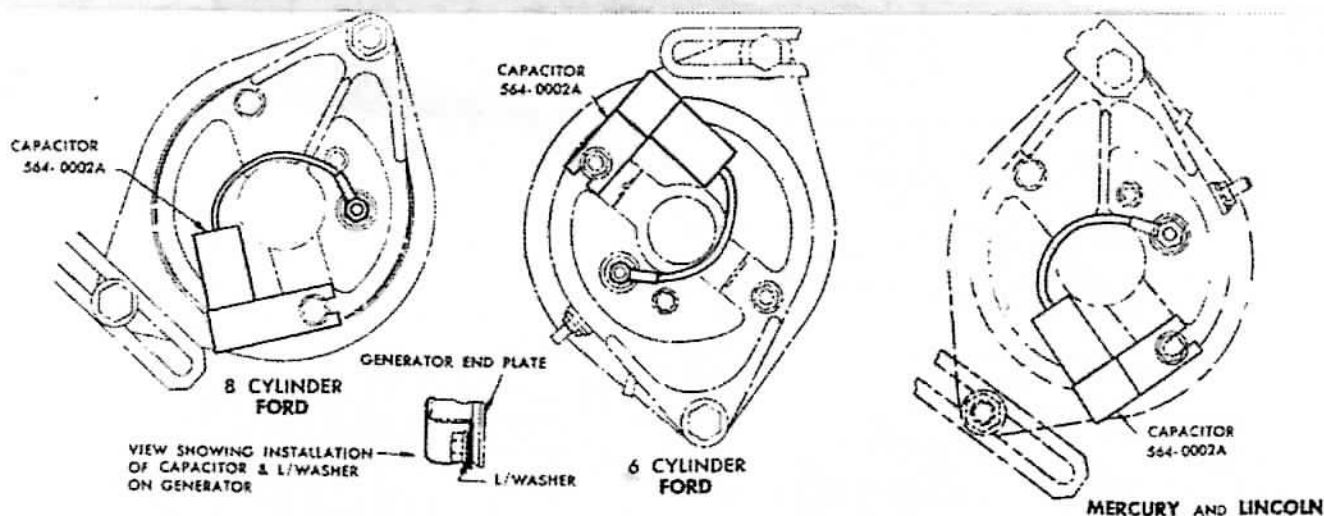
REMOVE THE HIGH TENSION WIRE THAT CONNECTS THE IGNITION COIL TO THE CENTER HOLE OF DISTRIBUTOR CAP AND REPLACE WITH SUPPRESSOR LEAD

FIG. 17 SUPPRESSOR LEAD 563-0006 INSTALLATIONS



AFTER FASTENING COVER APPLY SEALING COMPOUND TO INSURE SEAL ON COVER

FIG. 18 FUEL GAUGE CAPACITOR INSTALLATIONS



LOOSEN (DO NOT REMOVE) THE EXISTING ASSEMBLY BOLT ON THE REAR END PLATE OF THE GENERATOR. MOUNT THE GENERATOR CAPACITOR AS SHOWN IN FIGURE CONNECT THE LEAD OF THE CAPACITOR TO THE ARMATURE TERMINAL OF THE GENERATOR

FIG. 19 GENERATOR CAPACITOR INSTALLATIONS

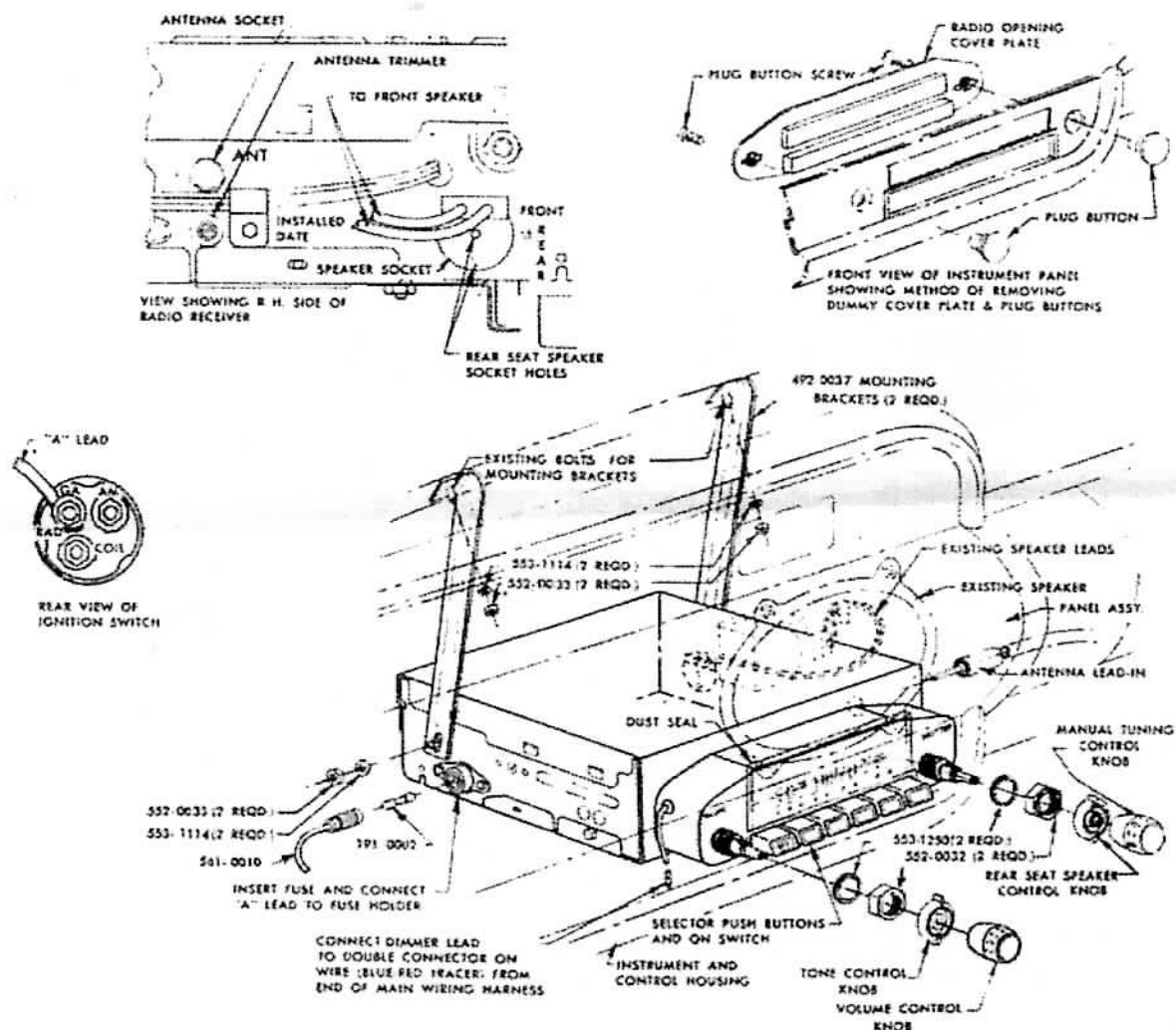


FIG. 15 INSTALLATION OF MODELS 4SH764 4SH766

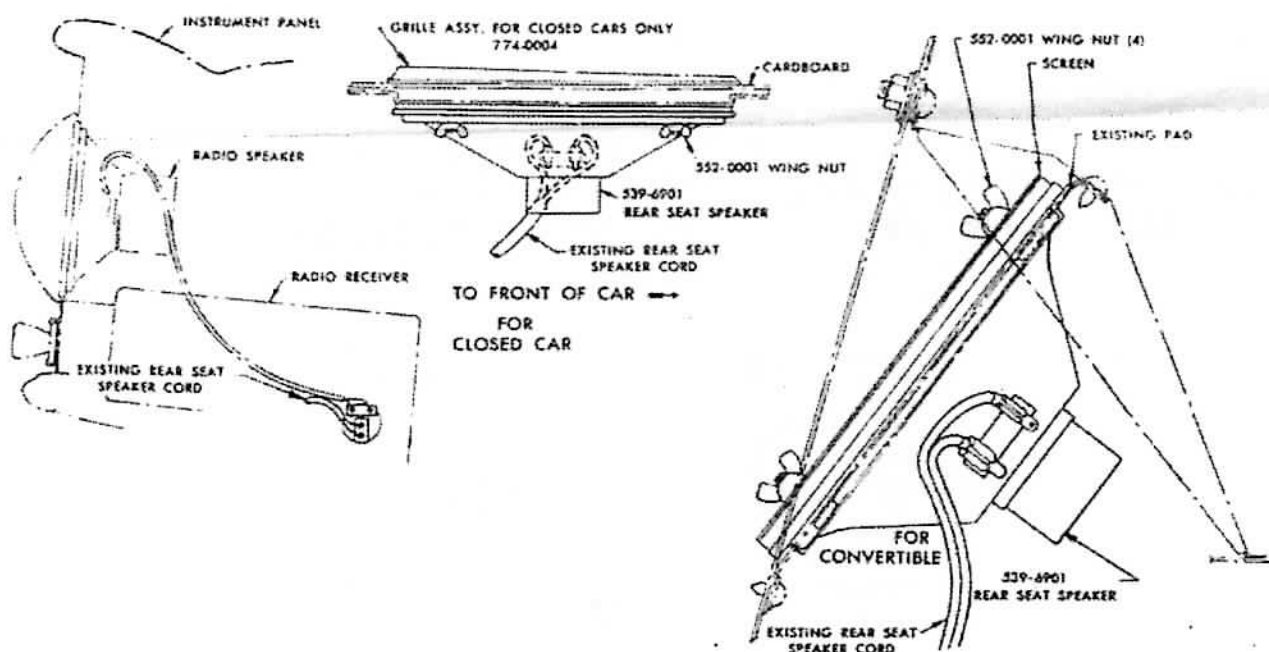
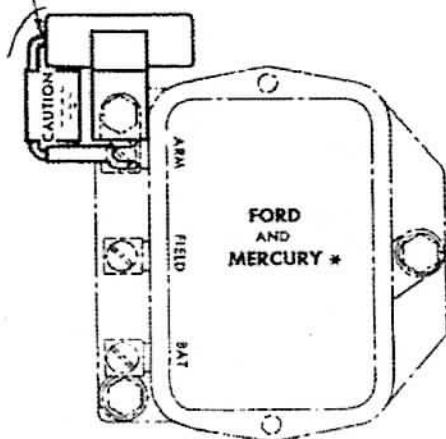


FIG. 16 LINCOLN REAR SEAT SPEAKER INSTALLATION

569-0004B - REMOVE MOUNTING SCREW ON VOLTAGE REGULATOR & INSTALL CAPACITOR BRACKET BETWEEN THE GROUND CONNECTOR & THE CUSHION EYELET AS SHOWN SO THAT THE SCREW WILL PASS THROUGH THE HOLE IN THE CAPACITOR BRACKET - TIGHTEN SCREW.



569-0004B REMOVE MOUNTING SCREW ON VOLTAGE REGULATOR & INSTALL CAPACITOR BRACKET SO THAT THE SCREW WILL PASS THROUGH THE HOLE IN THE CAPACITOR BRACKET - TIGHTEN SCREW

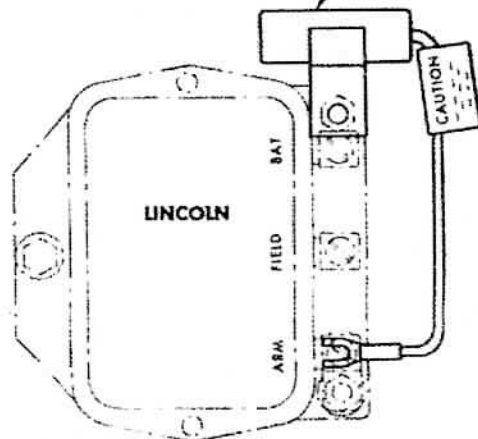


FIG. 20 VOLTAGE REGULATOR CAPACITOR INSTALLATIONS

REMOVE BOTH OUTER AND INNER HUB CAPS FROM EACH FRONT WHEEL - CLEAN INNER CAPS AND SPINDLES - SNAP STATIC COLLECTOR 568-0003 IN INNER HUB CAPS

BEND COTTER KEY AWAY FROM SPINDLE CENTER HOLE SO IT WILL NOT INTERFERE WITH STATIC COLLECTOR

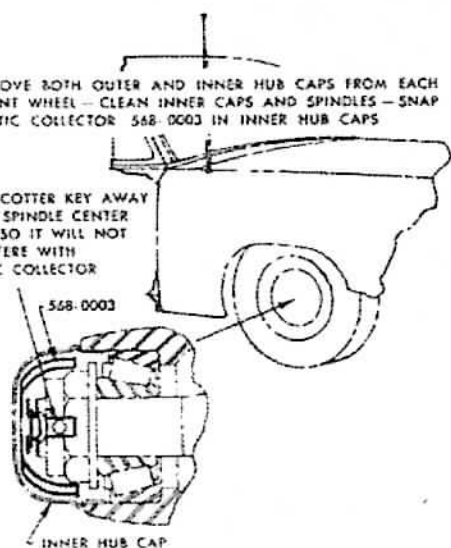
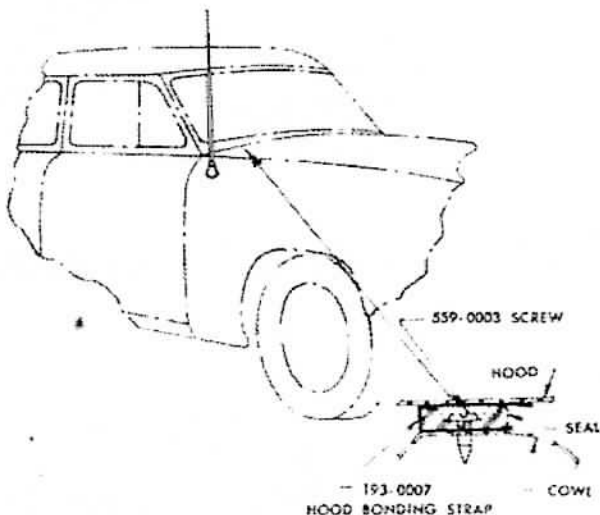


FIG. 21 FORD WHEEL STATIC COLLECTOR



OPEN HOOD. REMOVE AND DISCARD SCREW FROM HOOD SEAL NEAR ANTENNA - CUT REAR RIB OF RUBBER SEAL AS SHOWN - INSTALL STRAP 193-0007 WITH PAN HEAD SCREW 559-0003 AS SHOWN

FIG. 22 HOOD BONDING STRAP

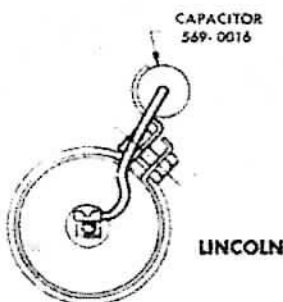
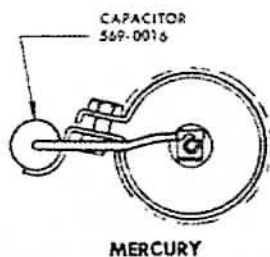


FIG. 23 OIL GAUGE CAPACITOR