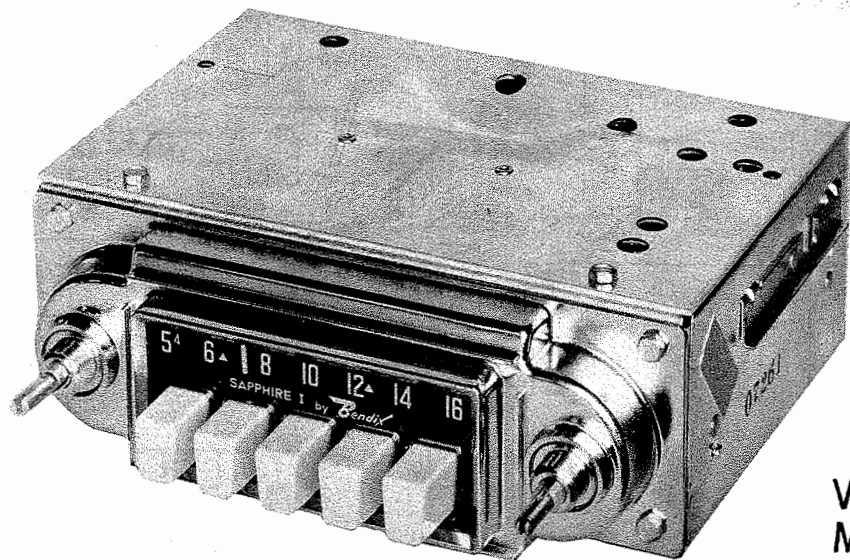


KARMAN GHIA MODEL 1BG
VOLKSWAGEN MODELS 1BT, 1BV



VOLKSWAGEN
MODEL 1BV

TRADE NAME Karman Ghia Model 1BG (For 1961 Karman Ghias)
Volkswagen Model 1BT (For 1961 Volkswagen Transporters)
Volkswagen Model 1BV (For 1961 Volkswagen Sedans)
MANUFACTURER Bendix Radio Div., The Bendix Corp., Baltimore 4, Maryland
TYPE SET Battery Operated 6 Transistor Custom-Built Automobile AM Receiver
POWER SUPPLY 12 Volt Storage Battery
TUNING RANGE—BROADCAST 540 — 1605KC RATING .85 Amp. @12.6 Volts DC

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading.

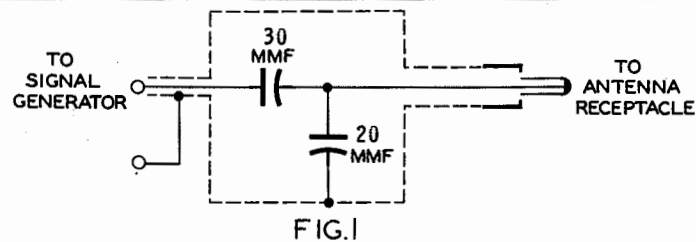
Suggested Alignment Tools:

- A1 thru A4..... GENERAL CEMENT #8282, 8606, 8606-L, 9295, 9440
WALSCO #2526, 2543, 2544, 2545
A5, A6..... GENERAL CEMENT #8721, 8722
WALSCO #2519
A7, A8..... GENERAL CEMENT #5000, 5003, 5066, 8276, 8290, 9087, 9089
WALSCO #2512, 2525, 2528

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1.	High side thru .1mfd to collector of RF Amp, transistor. Low side to chassis.	262.5KC (400% Mod.)	High end stop.	Across voice coil.	A1, A2, A3, A4	Adjust for maximum output.
2.	Thru dummy (Fig. 1) to antenna receptacle.	1605KC	"	"	A5, A6, A7, A8	"
Step 3 is not necessary unless tuning coils have been tampered with or replaced. If necessary, back tuning cores (A9, A10, A11, A12) out of coils but not out of coil forms. Repeat step 2.						
3.	Thru dummy (Fig. 1) to antenna receptacle.	1000KC	Tuner carriage .385" from high end stop.	Across voice coil.	A9, A10, A11, A12	Adjust for maximum output. Repeat steps 2 and 3.
4.	With radio installed in car and antenna fully extended, tune in a weak station near 1600KC and adjust A8 for maximum output.					

PUSHBUTTON ADJUSTMENT

1. Tune manually to desired station.
2. Pull pushbutton out, then press in firmly.
3. Repeat for remaining pushbuttons.



HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana



The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of LD081

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KARMAN GHIA MODEL 1BG
VOLKSWAGEN MODELS 1BT, 1BV

PARTS LIST AND DESCRIPTIONS (Continued)

RESISTORS (cont)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		IRC PART No.	WORKMAN PART No.			IRC PART No.	WORKMAN PART No.
R14	3300Ω			R25	560Ω		
R15	22K			R26	10Ω		
R16	4700Ω			R27	100Ω		
R17	470Ω			R28	470Ω		
R18	2700Ω			R29	47Ω 2W		
R19	2900Ω			R30	1.2Ω 2W(Cold)		
R20	2200Ω			R31	47Ω		
R21	1000Ω			R32	530Ω		
R22	10Ω			R33	530Ω		
R23	10Ω			R34	1000Ω		
R24	47K						

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		BENDIX PART No.	Merit PART No.			IRC PART No.	WORKMAN PART No.
L1A	Ant.	⓪					
L1B	Ant. R.F.	⓪					
L1C	Ant. R.F.	⓪					
L1D	Ant. R.F.	⓪					
L2	Input IF	209217-1					
L3	Output IF	209218-2					

CHOKES (AUDIO OUTPUT)

ITEM No.	INDUCTANCE	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		BENDIX PART No.	Merit PART No.			IRC PART No.	WORKMAN PART No.
L4	.017 HY (1.4Ω Req.)	209123A-2					

FILTER CHOKE

ITEM No.	CURRENT (Measured)	DC RES.	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
			BENDIX PART No.	Merit PART No.			IRC PART No.	WORKMAN PART No.
L5	.850A	.2Ω	2091509-3					

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		BENDIX PART No.	Merit PART No.			IRC PART No.	WORKMAN PART No.
T1	4:1	2090433-9					

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		FIELD V. C. IMP.	BENDIX PART No.			IRC PART No.	WORKMAN PART No.
SP1	6" PM	8-8Ω	2091269-10*				
	5" PM	8-8Ω	2091269-11*				
	5" PM	8-8Ω	2091223-4*				

FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
			BENDIX PART No.	Merit PART No.			IRC PART No.	WORKMAN PART No.
M1	1AG	2A	2091690-1*					
		32V	2090932-1†					

* Includes Lead Assembly.

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	BENDIX PART No.	ITEM No.	RATING	REPLACEMENT DATA	
						IRC PART No.	WORKMAN PART No.
M2	Tuner Ass'y.	2091563-2					
M3	Spark Plate	220287-1					
	Printed Board	2091571-1					

CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

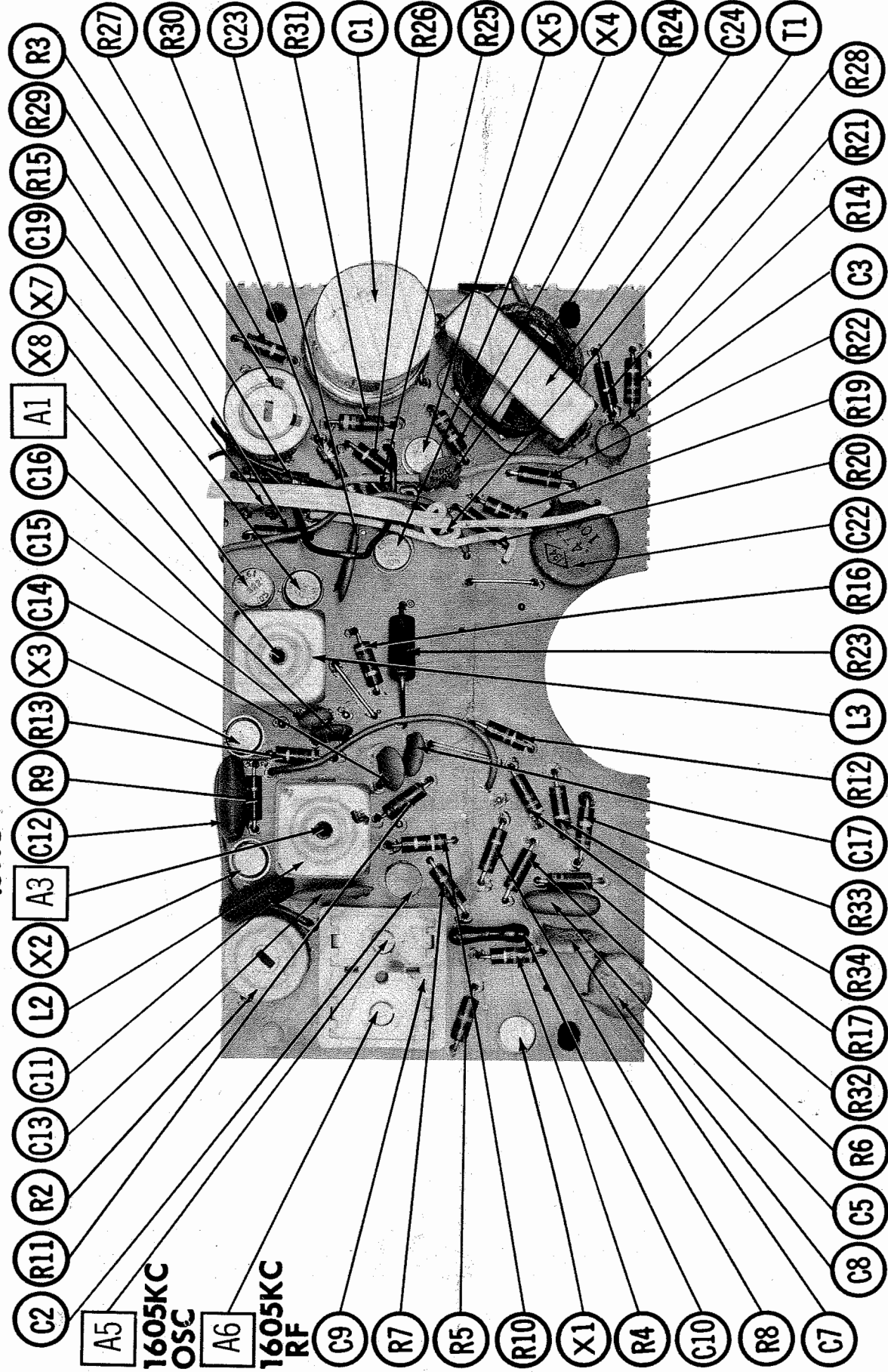
ITEM No.	NAME	PART No.	BENDIX PART No.	ITEM No.	RATING	REPLACEMENT DATA	
						IRC PART No.	WORKMAN PART No.
	Dial Glass	2091207-1					
	Dial Pointer	2090125-22					
	Dial Pointer	2090125-23					
	Pushbutton	2091210-1					
	Knob	2091244-1					
	Knob	2091209-1					

WIRING DATA

General-use Unshielded Hook-up Wire Use BELDEN No. 8530 (Solid 22AWG) Available in 8524 (Stranded 22AWG) 8570 (Stranded 26AWG) 12 Colors							
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262.5KC

262.5KC



PRINTED BOARD—CHASSIS TOP VIEW

