

TURN VOLUME CONTROL FULLY CW. CONNECT AC VOLTMETER ACROSS SPEAKER LEADS. KEEP INPUT SIGNAL FROM SIGNAL GENERATOR LOW TO MINIMIZE AGC ACTION.

USE FIGURES 2-6

AM ALIGNMENT PROCEDURE

STEP	GENERATOR FREQUENCY	GENERATOR COUPLING	TUNER SETTING	ADJUST FOR PEAK
1	MODULATED 262 KHZ	THRU - 1MFD. INTO ANTENNA SOCKET	HI-END STOP	1ST SECONDARY 2ND SECONDARY 1ST PRIMARY 2ND PRIMARY
2*	MEASURE DEPTH OF OSC. CORE WITH RADIO TUNED TO HI-END STOP. SHOULD BE 1 3/8".			
3	MODULATED 1615 KHZ	THRU 82 PF INTO ANTENNA SOCKET	HI-END STOP	TRIMMER
4*	MODULATED 600 KHZ	THRU 82 PF	600 KHZ	CORES*

*EXCEPT CHEVETTE

CHEVETTE AM (SECTION J)

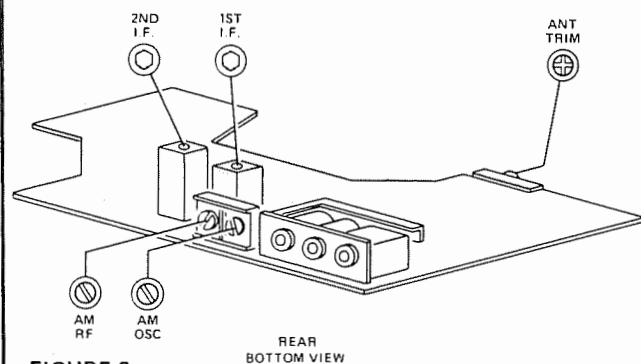


FIGURE 3

CORPORATE AM (SECTION A)

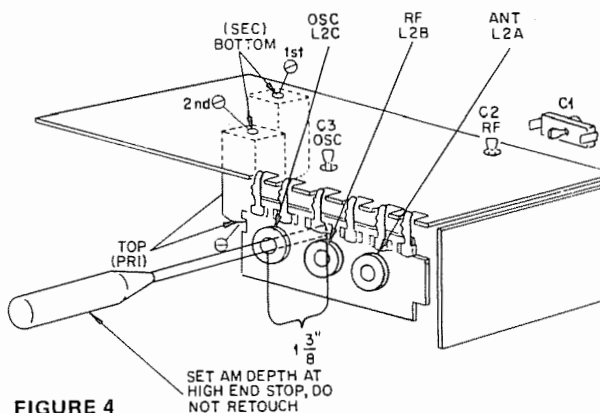
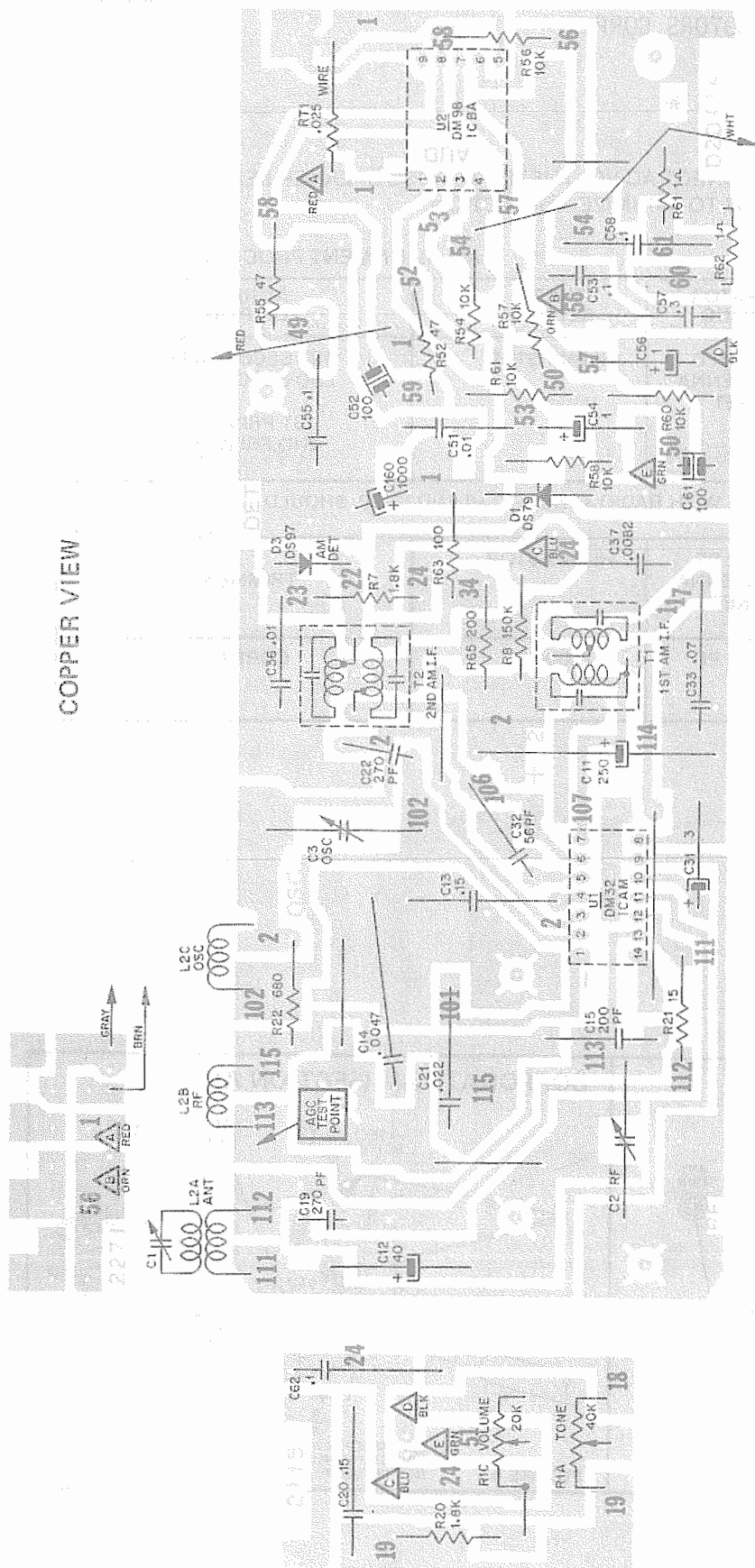


FIGURE 4



DM-32

1	2	3	4	5	6	7	8	9	10	11	12	13	14
5.2V	7.3V	7.3V	5.1V	0.25V	11.5V	0.7V	0V	0.6V	0.6V	0.6V	4V	7.3V	

VOLTAGES MEASURED WITH A VTVM NO SIGNAL AND 14 VOLTS APPLIED TO RADIO.

DM-98

PIN	VOLTAGE
1	14
2	7
3	7
4	7
5	14
6	7
7	7
8	7
9	14

NOTICE

WHEN MAKING VOLTAGE MEASUREMENTS AROUND THE DM-32 MAKE CERTAIN TO TOUCH ONLY ONE ISLAND AT A TIME.

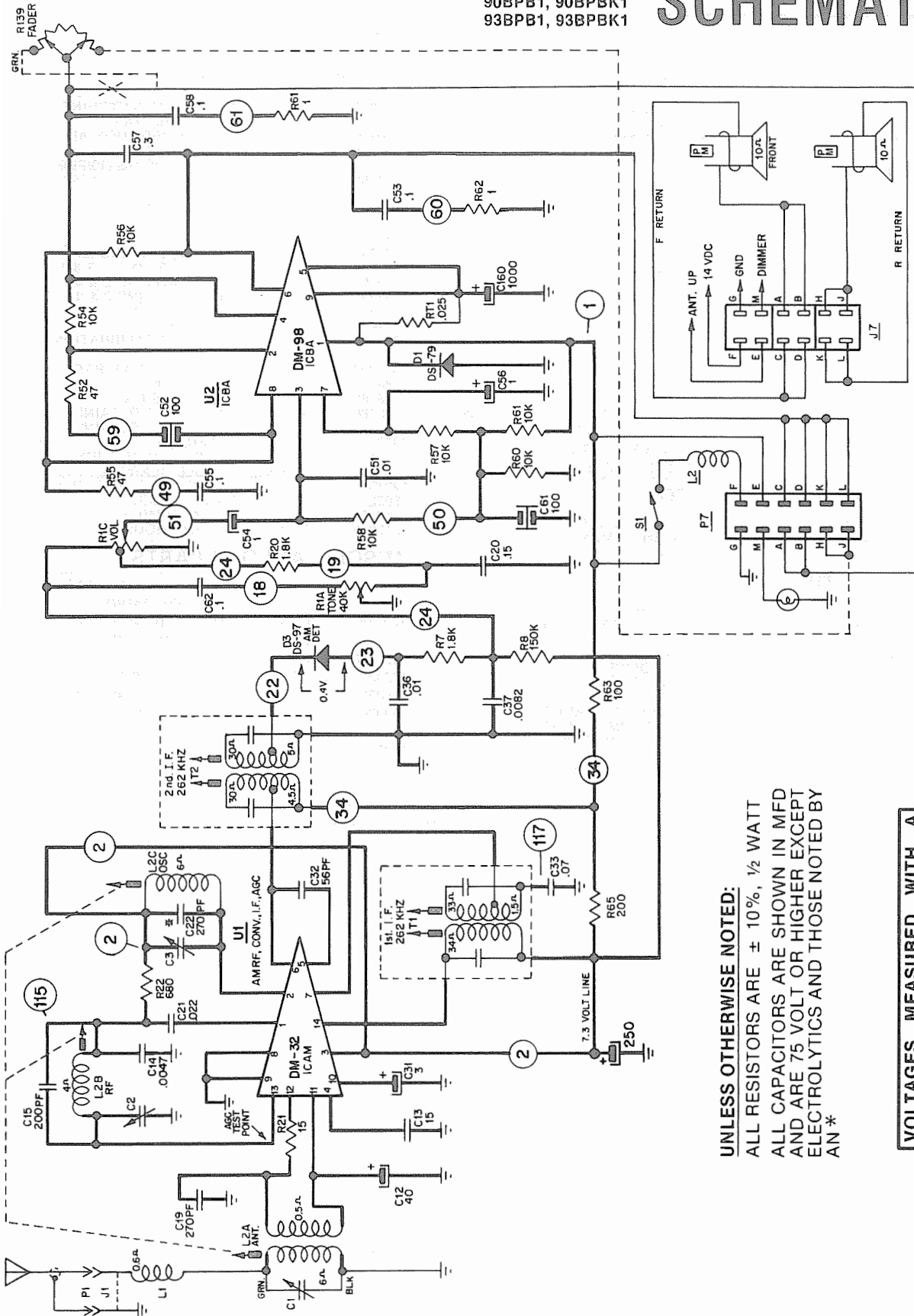
UNLESS OTHERWISE NOTED:

ALL RESISTORS ARE $\pm 10\%$
 ALL CAPACITORS ARE SHOWN IN MFD
 AND ARE 75 VOLT OR HIGHER EXCEPT
 ELECTROLYTICS AND THOSE NOTED BY
 AN *

*SPECIAL CAPACITORS, SEE PARTS LIST

SCHEMATIC

90BPB1, 90BPBK1
93BPB1, 93BPBK1



UNLESS OTHERWISE NOTED:

ALL RESISTORS ARE $\pm 10\%$, $\frac{1}{2}$ WATT
ALL CAPACITORS ARE SHOWN IN MFD
AND ARE 75 VOLT OR HIGHER EXCEPT
ELECTROLYTICS AND THOSE NOTED BY
AN *

VOLTAGES MEASURED WITH A
VTVM NO SIGNAL AND 14 VOLTS
APPLIED TO RADIO.

PARTS LIST

Illus. No.	Service No.	Description
SEMICONDUCTORS		
D1	DS-79	DIODE, SPIKE SUPPRESSION
D3	DS-97	DIODE, AUDIO DETECTOR, DS-97
U1	DM-32	MODULE, ICAM INTEGRATED CIR- CUIT A/M RF, OSC., IF & AGC
U2	DM-98	MODULE AUDIO
COILS & TRANSFORMERS		
L1	7932356	CHOKES, ANTENNA SERIES
L2	7312805	COIL & HOUSING ASM.
L4	1221623	CHOKES 'A' SUPPLY INPUT
T1	9349015	TRANSFORMER 1ST IF
T2	9349372	TRANSFORMER 2ND IF
CAPACITORS & TRIMMERS		
C1	*16005538	TRIMMER, ANTENNA
C2	9346601	TRIMMER, RF
C3	9344489	TRIMMER, OSCILLATOR
C8	7271564	SPARK PLATE
C12	7298555	40 MFD., 6 VOLT TANTALUM
C15	7296137	200 PF., 75 VOLT CERAMIC, N750
C31	7296348	3 MFD., 12VOLT, ELECTROLYTIC
C42	7296348	3 MFD., 12 VOLT, ELECTROLYTIC
CONTROLS/RESISTORS		
R1	*16002910	CONTROL, VOLUME TONE & SWITCH
R139	7898635	CONTROL, FADER (INCL. MAN. DRIVE SHAFT BUSHING)
TUNER PARTS		
1	7314210	BACKPLATE, POINTER
2	7934009	BAR, POINTER, BELL CRANK DRIVE
3	7930918	BELL CRANK
4	9343405	BUSHING, MANUAL DRIVE SHAFT
4	7898635	BUSHING, MANUAL DRIVE SHAFT (INCL. FADER CONTROL)
6	7288147	CORE, TUNING
☆ 9	*16002141	DRIVE SHAFT AND WORM, MANUAL
9	7930920	DRIVE SHAFT AND WORM, MANUAL
10	1223052	"E" RING PKG., RETAINER(20/PKG.)
11	*16002689	ESCUTCHEON
☆ 11	*16003501	ESCUTCHEON ASM., (INCL. DIAL)

Illus. No.	Service No.	Description
TUNER PARTS		
12	1223340	FINGER BAR PKG., DECLUTCHING
14	7312801	LINK, DRIVE TO CORE BAR
15	7290329	LINK, POINTER CALIBRATION ADJ.
16	1222264	NUT PKG., SECURES CIRCUIT BOARD TO COIL HOUSING (10/PKG.)
17	1222265	NUT PKG., SECURES COIL HOUSING TO RADIO CASE (10/PKG.)
18	7279805	NUT, MANUAL & CONTROL BUSHING
19	7930919	POINTER, DIAL
20	1222745	POINTER TIP PKG., UNIVERSAL
☆ 21	9345289	PUSHBUTTON (1/PKG.) (NO.1, 3 & 5)
☆ 21	9345494	PUSHBUTTON (1/PKG.) (NO.2 & 4)
21	7932593	PUSHBUTTON (1/PKG.) (NO.2 & 4)
21	7931804	PUSHBUTTON (1/PKG.) (NO.1,3 & 5)
22	7311994	PUSHBUTTON SLIDE
23	7290330	RETAINER, POINTER CALIBRATION LINK
24	7935067	RETAINER, POINTER DRIVE BAR
25	7288537	RETAINER, BELL CRANK
28	9348785	SPRING, SHAFT TENSION
☆ 29	9348786	SPRING, DRIVE SHAFT RETAINER
29	7270344	SPRING, DRIVE SHAFT RETAINER
30	7302502	SPRING, FINGERBAR
31	7312130	SPRING, PUSHBUTTON RETURN
32	9342607	SPRING, TREADLE BEARING
33	1221501	SET SCREW & NUT PKG., TREADLE
☆ 34	16002138	TREADLE BAR ASSEMBLY
34	7313028	TREADLE BAR ASSEMBLY
35	7312805	TUNER COILS AND HOUSING
MISCELLANEOUS PARTS		
P2	*12004451	CONNECTOR, SOCKET, "A" LEAD & SPEAKER 12-PIN (ON RADIO)
J2	*1224150	CONNECTOR PKG., BENCH HOOK- UPFOR 12-PIN CONNECTOR
36	1223490	SCREW PKG., CASE
37	1223500	SCREW PKG., CIRCUIT BOARD
J1	9340526	SOCKET, ANTENNA CONNECTOR
XL1	16002673	SOCKET AND LEAD ASM., DIAL LIGHT
11	16002741	LAMP, DIAL

ALL MODELS UNLESS OTHERWISE NOTED
 ☆ OLDSMOBILE A & B 93BPK1, 93BPK1

COMPLETE SPEAKER LISTING

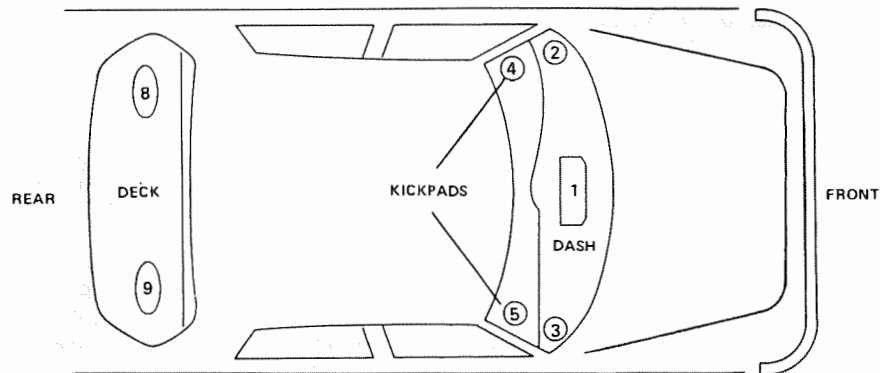
SPEAKER LOCATION GUIDE (TO BE USED WITH SPEAKER LIST)

SPEAKER CODES:

- A - 6 x 9 (Deep Basket)
 B - 6 x 9 (Shallow Basket)
 C - 4 x 10
 D - 4 x 6
 E - 3½ Round
 X - 6 x 9 Extended Range

CAR CODES:

- HATCHBACKH
 PASSENGER CARS ...C
 STATION WAGONS ..W
 TRUCKST



CAR NAME	LOCATION & SPEAKER CODE	CAR CODE	SERVICE SPEAKER NO.	BRACKET NO.
CENTURY	2E & 3E	CW	16000680	7936043
	8A & 9A	C	9348870	
	8C or 9C	W	7898980	
LE SABRE & ELECTRA	2D & 3D	CW	16005880	
	8A or 9A	C	9348870	
	8C or 9C	W	1224050	7896318
	8X or 9X	C	16004150	
REGAL	2E & 3E	C	16000680	
	8C & 9C	C	7898980	
RIVIERA	2D & 3D	C	16005880	
	8C & 9C	C	7898980	
SKYLARK (SEE NOVA)				
SKYHAWK (SEE MONZA)				
DEVILLE AND FLEETWOOD ...	2D & 3D	C	16005880	
	8A or 9A	C	9348870	
ELDORADO	2D & 3D	C	16005880	
	8C or 9C	C	7898980	
SEVILLE	2E & 3E	C	16002296	
	8C or 9C	C	7898980	
MALIBU AND MONTE CARLO ..	1C	CW	7896870	
	8A or 9A	C	9348870	
	8C or 9C	W	7898980	
	2E or 3E	CW	16001981	
MONTE CARLO	8C & 9C	C	7898980	
CHEVETTE	9C	C	9349090	
	1A	C	9349921	
CHEVROLET	1C	CW	7896870	
	8A or 9A	C	9348870	
	8C or 9C	W	1224050	7896318
	2D & 3D	CW	7897421	
CAMARO	1C	C	7933921	7932455
	9A	C	9348870	

COMPLETE SPEAKER LISTING

CAR NAME	LOCATION & SPEAKER CODE	CAR CODE	SERVICE SPEAKER NO.	BRACKET NO.
MONZA, SUNBIRD, SKYHAWK AND STARFIRE	1C 9A 9C	HCW HC CW	16002011 9348870 9349690	7930557
CORVETTE	2D & 3D 8A & 9A	C C	16005880 16005641	
NOVA, SKYLARK AND OMEGA	1C 8A & 9A 9C	HC C H	9349690 9348870 9349690	7298516
LEMANS	1C 8A or 9A 8C & 9C 2E & 3E	CW C W CW	7896870 9348870 7898980 7895000	
GRAND PRIX	1C 2E & 3E 8A & 9A	C C C	7896870 7895000 7898980	
CATALINA & BONNEVILLE	2D & 3D 8A or 9A 8C or 9C	CW C W	16005880 9348870 1224050	7896318
FIREBIRD	1C 9A	C C	16004162 9348870	7932768
SUNBIRD (SEE MONZA)				
PHOENIX	1C 8A & 9A 9C	HC C H	7933931 9348870 9349690	7298516
88 AND 98	2E & 3E 8A & 9A 8C or 9C	CW C W	16003523 9348870 1224050	7896318
CUTLASS & CUTLASS SUPREME	2E & 3E	CW	16000680	
CUTLASS	8A & 9A	C	9348870	
CUTLASS SUPREME	8C & 9C	CW	7898980	
TORONADO	2D & 3D 8C & 9C	C C	16005880 7898980	
OMEGA (SEE NOVA)				
STARFIRE (SEE MONZA)				
EL CAMINO	2E & 3E 1C	T T	16001981 7896870	
CHEVY PICK-UP	1C	T	7938401	
BLAZER, SUBURBAN	1C 8C or 9C	T T	7938401 7938401	
STEP VAN	1C	T	7898980	
"G" VAN	2D & 3D 8A & 9A 8C & 9C	T T T	7895010 9348870 7938401	
STEEL TILT CAB	1B 2D & 3D	T T	7285671 1222940	
ALUMINUM TILT CAB	2C & 3C 8C or 9C	T T	9349690 9349690	
MEDIUM DUTY	2C & 3C 8C	T T	9349690 7938401	