Special Out MIDGET ELECTRONIC SPEEDFLASH
Table-Top Wind Tunnel · Making Pull-Apart Bikes



- LASER Atomic Radio - Light

- Duck Blind Plans



Comparing All 1961 Cars

Performance • Engineering • Design Surprises

Plus! Specs-at-a-Glance
WALLET CARDS



DODGE LANCER

BUICK'S



PLYMOUTH

CORVAIR SPORTS WAGON

1961

Here Are Your Specs-at-a-Glance VALLET CARDS Cars

						7	00 m	4		.0	1
щ	RAIIOS	Overdrive	_	1	11	-	3.78	3.54	4.	4	
Ž.	A	aitsmotuA	3.27	3.89	3.50	3.23	3.31	3.73	3.31	m	
-	r	Manual	3.27	3.80	3.10	3.55	3.31	3.73	3.78	4.10	
		Tire Pressu	-26	-24	-24	-24	-24	202	24	24	
_ •	IEE	Front & R	13 15	14 24	13 24	13 24	15 24	15 24	15 24		
		Size	.50 × 1		××	×	××	.00 x 1	×	×	ace.
		91iT	6.50	7.0	6.00	6.50	6.00	6.50	6.50 x	7.50	S
		Dil Fills (q	4	4	4	4	44	n n	4		nggage space.
(Radiator (q	1	1	8.7	14	==	11	===	1	=======================================
	(.8	Fuel Tank (gals	14	18.5	14	13	22	88	200	3	68 cm
	ι	Compression (11)	8.0	8.0	8.7	8.2	8.0	∞ ∞ 7. ∞.	0.0		has
**	Torque		@ 2300		2000	2400	1600	2800	1600		ier and
S			28 6		38 56 60	55 @	800	154 060 060	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		heavier
ш	-	Taxable HP	28.4	-	44	27.7	44	21.6 11	23.4		P.
Z	_	Horsepower	80 28	0 28.	85 29 01 29		90 23. 25 23.	112 21	127 23		160
-	_8	(cu. in.)	00 0		E. 50	101	6 12	90	6 12		190
9	1	Displacemen	145	145	45	170	195	169	195	220	hioher
Z		avana	3.44 x 2.6	2.6	2.5	3.13	4.25	3.25	4.25	3.25	inchae
ш		Bore and Stroke	×	4 ×	××	×	× ×	××	× 1	K M	0
	_		6 3.4	3.44	6 3.5	6 3.4	6 3.1	3.56	3.12	3.5	i e
_		Cylinders	12		115	77	12	12 V8	9 0	<u>*</u>	Wagon
	186	Front & Brond giaH tsa2	10-1	16-17	12-1	11-14	9	12-1	10-14	10-14	etation
		fronT moorged	44	45	43	43	44	44	43	43	
		Hiproom	9-58	09-1	7-57	1-57	58-45	60-59	09-09	09-09	promote
-		A reblued?	-54 59-	52 61	.55 57	54 57	-50 5	555	989	28	-
		H & Inort	54	60-62	55	54-54	25	26.56	58-58	58-58	
		Front & Renorm	38-37	40-42	39-39	38-37	39-38	35-35	39-37	39-37	
	(.8	gniqqid2 dl) tdgi9W	2355	2895	2315	2695	2500	2692	2950	3290	
	ý	Turns (lk-to-lk)	5.0	3.6	4.6	4.5	3.9	4.7	4.7	4.2	450
		Steering T:) oitsA	23.5	23.0	27.1 25.0	20.1	22	28	23.1	18.4	noaroet in
		DuinnuT Jircle (ft.	39.0	33	37.7	37.1	36	37.6	37.3	37.7	\$
	6	Ground Clearance	6.0	9.9	5.9	5.4	6.4	6.1	6.7	7.0	970
		อห & tnoาฯ gnadrevO	30-42	45-40	29-47	30-40	28-45	26-40	33-49	33-49	dimensions
	p	A tront & Real Trea	54-54	58-58	55-55	56-56	55-55	57-57	58-58	58-59	hody din
		Height	52	69	55	23	99	57	57	57	
		Midth	67	2	72	2	2	22	72	73	interior
		ц збиә ¬	180	180	181	184	173	175	190	190	
	6	Wheelbase	80	95	90.5	106.5	00	08.5	80	80	20

200 100 CORVAIR 500 Standard, 700 Deluxe, 900 Monza (1) Greenbrier Sports Wagon RAMBLER AMERICAN Custom Deluxe & Super FALCON Sedan Econoline Station Bus VALIANT V100 & V200 LARK Deluxe & Regal RAMBLER Classic 6 Cruiser

SCIENCE and MECHANICS

(2) Engine housing separates driver and passenger seats. Lakewood station wagon is 2 inches higher, 160 lbs. otherwise its specs. match these for Corvair sedan. **Various power pack and axle ratio options may be available for some of these basic engines. interior body dimensions are to nearest inch. *Except for wheelbase, exterior and

Classic V8

FOLD

					-		٠				1		-		_		•	
111	erdrive S	۸0	11		١	1	1			1		1		1	C.	11		
AXLE	tomatic	nγ	3.31	3.31	3.31	3.31	3.31		2.87	7.8	2.93		2.87	3.23	3.56			
4	Jenue	W	3.54	3.58	3.58	3.54	22		3.23	3.73	3.58		3.42	1	3.56	3.36	3	
S	Tire Pressures		22			22	22	127	22		22	52	22	52	24	74	24	۰
	Front & Rear			7		24	2	72	22	7	24		24	22	2	20	5	
	ezis		7	X 14	=	x 14		X X		x 14		X 14	x 14	K 14		X 14		
	Fire		88	38	8			88	8	8	8.00	8	8.00	2	8	35	20	
	l Fills (qts.)	10	57	-	-	5 7	2	50	₩.	8	2		8			4 4	-	
	diator (qts.			_		-			5.5	0	_	_	19.5	9.5		-		•
	ank (gals.)		200	100	2	2	22	28	61		17					25		•
	loui loui		28	38	2	20	23	38	25	2	29	2	20		20	25	38	
	(f:) oits		No	90	-:	7	0	00	9	52	0	0	8.75	0	4	00 00	ļφ	
	noissandr	100	800				-	90	80	_	9							-
×	amb to t		2800	18	280	280	240	280g	2000	8	2400	33	2400	280	200	2000	282	
S	Torque	• 3	0					90			0		0			8		
ш		V/	215	ķ	460			395	330		380		405	43		279		
z	(able HP	τsτ	27.7	5.5	7.8	7.7.7	15.7	57.8	56.4	56.4	54.5	57.8	54	24	31.5	45	52.5	
Ξ	rsepower	οн	145					325	215		265		250		135	175	300	
G	cu. in.))									361		394	_		292	_	•
Z	Juamanald	sia	225					383	5 389									-
	Stroke		4.12	30	33	112	3.3	3.38	3.75	3.7	3.38	33	3.68			3.3		
ш	ore and		×	× ×	< ×	×	×	× ×	90 ×	90 X	12 x	4.25 x	2 x	4.12 x		2 ×		
			3.4	2	4	3	33	8 4.25	4	4						3.75		-
_	s'inders		9		>			% %	8		3 V8	>	13 V8			% °	>>	=
	nont & Rear Seat Height			17-13		12-13			12-14	12-1	12-13		12-1	12-1	9-13			
	Legroom			ç		45			45	45	45		44	\$	2			
	Front					-63			-63	m	2	_	"	Ę,	-64	-		
	ront & Rear MoorqiH	14	:	04-03		64-6			36	63-6	64-62		53	9-49	62-6			•
-	ma rebluor			09-09		9			22		09-09			28	19-09		inch.	•
	neeA & Inor					99			59		99			59		-	est	
	Headroom			33-38		38-38			39-38		38-38		6	40-39	38-37		nearest	
	eight (lbs.) ont & Rear		-	_		_				-						-	2	
	gniqqid	**	-	Ž		Z			3840	36	×		40	4208	3993	_	dimensions are	,
	Turns (ik-to-lk)			0.0		5.5			4.5	4.5	5.5		6.1	4.0	4.5		nsion	
	(f:) oitsA		-	30.7		30.2			29.0	0.0	-		3.1	21.8	30.0		ime	
	Steering				_				_	_	30		8	2	_		body d	
	Turning (itcle (ft.))		47.7		42.2			46.0	46.6	44		43	43.8	41.5		or bo	
	Clearance		!	7		20	2		6.0	9.0	5.2		8.5	6.1	5.4		interior	
	Overhang			6	_	55			-57					9	-61	- 57	nd ii	
	need & Inc.			8		36	3		34-5	34-6	35-59			33-6	34-6		erior a	
	Sear Tread	4	-	9-0		1-60	3		2-63		-60			1-61	1-60	Ĩ	exter	
-	thgiaH & tnon7	-		32		55 61	_		56 62	_	55 61		_	57 61	55 61	-		
_						79	_	_	78 5		79 5			77 5	80 5	-	eelbase,	
	Width			209 79					210 7		212 7			218 7	215 80		whe	
-	Length				_	200				_				_		_	P	
	Vheelbase	٨		118		118	1		119	123	122		123	126	120		cept	

SCIENCE and MECHANICS

Selvedere & Fury

DODGE DART Phoenix & Seneca

PONTIAC Catalina, Ventura Star Chief & Bonneville DODGE Polara

OLDSMOBILE Dynamic Super 88 Super 98 MERCURY Meteor 600 Meteor 800 Monterey

**Various power pack and axle ratio options may be available for some of these basic engines. *Except for wheelbase, exterior and interior body dimensions are to nearest inch.

CUT ON DOTTED LINES

SCIENCE and MECHANICS

D 0 E

PON

Bel

**Various power pack and axle ratio options may be available for some of these basic engines

3.56 3.10 2.91 2.91

3.36 3.08 3.08

Specs-at-a-Glance WALLET CARDS

for the 1961 Cars

CUT ON DOTTED LINES

*Except for wheelbase, exterior and interior body dimensions are to nearest inch	RD Fairlane irlane 500 & Galaxie	EVROLET Biscayne,	RCURY Comet	DGE Lancer	DSMOBILE F-85	NTIAC Tempest	ICK Special		
xterior	119	119	114	106.5	112	112	112	Wheelbase)
and	210	209	195	189	188	190	188	Length	
inter	8	78	70	72	72	72	71	Width	
9	55	55	55	53	53	5	5	Height	
ody c	61-60	60-59	55-55	56-56	56-56	57-57	56-56	Front & Rear Trea	d
ime	32-59	33-58	31-50	30-40	31-46	32-46	ω	Front & Re	ar
nsior							-46	Overhang Ground	
is are	5.5	6.0	5.9	5.4	5.9	6	4.9	Clearance	
to ne	41.2	40.8	39.9	37.1	37.0	41	38.1	Turning Circle (ft.)	
arest	30.1	28	27	20.1	26.2	24	20.8	Steering Ratio (:1)	
nch	4.5	5.00	4.6	4.5	2.4	4.2	5.5	Turns (lk-to-lk)	
	3682	3515	2437	NA	2566	2808	2616	Shipping Weight (lbs	.)
	38-38	40-40	39-38	38-37	37-38	37-38	38-38	Front & Rea Headroom	ar
	8 60-61	59-58	8 55-56	7 54-54	8 55-55	8 55-55	8 55-55	Front & Res	ar
	1 62-64	63-63	6 57-57	4 57-57	5 59-58	5 59-58	58-58	Shoulder R	
	45	45	57 41	57 43	58 44	58 44	58 44	Hiproom Front	-
		5 11-1	11-1	3 11-1	4 12-1		4 11-1	Front & Rea	ar
	9-13		-14	-14	N	11-12	N	Seat Heigh	t
V8 4	&⊗ ₆	×× 0	00	00	× ×	4 8	8	Cylinders	-
.05	75	3.87	355	4.4 × ×	3.5	3.5	3.5	Bore and	
x 3.78	6 3.62 x 3.6 8 3.75 x 3.3 8 4 x 3.5	3.56 x 3.94 3.87 x 3 4.13 x 3.25	x 2.5	3.4 x 3.125 3.4 x 4.125	x 2.8	x 3.75	x 2.8	Stroke	m
390	223 292 352	235.5 282 348	174.3	170	215	195	215	Displacement (cu. in.)	0
300	135 175 220	135 170 250	101	101	155	110	155	Horsepower	-
52.5	31.5 45 51.2	30.4 48.0 54.5	29.3	27.7	39.2	28.2	39.2	Taxable HP	Z
427	196 279 336	217 275 355	134	155	210	190	220		m
0 2	999	999	99	99	0	99	0	Torque	S
	2000	2400 2200 2800	2000	2400	2800	2000	2400		*
_	400	9 5 5 25	8.7	8.2	8.75	00 00	00	Compression Ratio (:1)	
	2020	20	14	13	16	13.5	14	Fuel Tank (gals.))
20	19 20 20	18.5	9.3	E	11.5	12.6	13.5	Radiator (qts	.)
4 7	444	244	4	44	4	4	4	Oil Fills (qts	.)
50	7.50 x 14 24-24 3.56 3 4 7.50 x 14 24-24 3.56 3 4 7.50 x 14 24-24 3.56 3	7.50 7.50 7.50	6.00	6.50 x 13	6.50 x 13	6.00 x 15 22-22	6.50 x	Tire	
x 14	X 14	X X X	× 13	x 13	x 13	x 15	13	Size	
24-	24-	24-	24-24	24-24	8 22-22	22-	22-22	Front & Rea	
24 3.	333	0 x 14 24-24 3.36 3 0 x 14 24-24 3.36 3 0 x 14 24-24 3.36 3	2	24 3	22 3	22	22 3.	Tire Pressure	38
56 2	56 3 56 2	36 3	3.50 3.	3.55 3	3.07 3	3.55 3	3.36 3	Manual	AX
12	12000		1	w	ω	w	ω	Automotio	×

Automatic

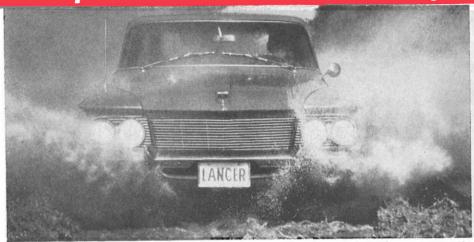
3.23

RATIOS

**Various power pack and axle ratio options may be available for some of these basic engine: FOLD HERE

	CORVETTE	STUDEBAKER HAWK	MPERIAL Custom, Crown & LeBaron	LINCOLN CONTINENTAL	& Fleetwood	New Yorker &	CHRYSLER Newport &	AMBASSADOR	BUICK LeSabre, Invicta Electra	DE SOTO		
	102	121	129	123	129.5	126	122	117	123 126	122	Wheelbase	
	178	204	227	212	222	220	216	199	213	216	Length	
	70	71	82	79	8	79	79	74	78 78	80	Width	
	52	55	57	54	56	56	55	57	57	55	Height	
	57-59	57-57	62-62	62-61	61-61	62-60	61-60	58-59	62-61 62-61	61-60	Front & Rear Tread	
	9 33	7 35	44	37	34	0 35	0 35	9 32-50	1 33	0 35	Front & Rea	
	33-43 6	49	-57	-53 5	-59	59	59		33-58 33-61 6	-59	Overhang Ground	
	6.7	6.8	5.6	5.5	5.3	5.5	5.2	6.3	5.6	5.5	Clearance Turning	
	37	41	48.2	46.7	43	46.6	44.0	39.8	44	44	Circle (ft.)	
	21.0	20.2	15.7	20.5	18.2	20.4	20.4	25.4	31.9	20.4	Steering Ratio (:1)	
	3.7	4.6	3.5	3.8	3.2	3.5	5.5	4.6	5.0	5.5	Turns (lk-to-lk)	
	2905	3207	NA	4771		NA	NA	3430	4158 4328	NA	Shipping Weight (lbs.)
	37	34-34	40-38	39-38	40-39	38-38	38-38	39-37	40-39	38-38	Front & Rear Headroom	
	49	55-53	64-62	59-59	59-58	60-60	60-60	52-50	59-58	60-60	Front & Rear Shoulder Rm	
	60	3 59-58	2 61-60	9 60-61	8 62-63	64-63	0 64-63	60-60	8 64-63	0 64-62	Front & Rear Hiproom	
	46	8 44	0 47	1 40	3 46	45	3 45	0 43	3 45	2 45	Front	
	00	11-1	11-13	10-	13-14	12-13	12-1	10-14	111-14 12-14	12-	Front & Rea	r
	~	0		w			ω			ω	Seat Heigh	_
	V8 3.	V8 3.	V8 4.	V8 4.2	V8 4 x	× 000		V8 4	V8 4	V8 4.	Cylinders	-
	3.875	3.56 x	4.18 x	2 ×	×	4.18 x	12 x	×	4.125 4.18 x	4.12 x	Bore and	m
	×	3.62	3.75	3.7	3.875	3.75	3.38	3.25	x 3.4	3.38	Stroke	2
	283	289	413	430	390	413	361	327	364 401	361	Displacement (cu. in.)	9
	230	210	350	300	325	350	265	250	250 325	265	Horsepower	-
	48	40.6	55.9	59*	50.1	55.9	54.5	51.2	54.4	54.5	Taxable HP	Z
	300	300	470	465	430	470	380	340	384	380		m
	@	@	(2)	@	@	96		0	00	@	Torque	S
	3000	2800	2800	2000	3100	2800		2600	2400 I 2800 I	2400		*
	9.5	00.00	10.0	10.0	10.5	10.0		8.7	10.2	9.0	Compression Ratio (:1)	
	16.4	18	23	21	21	23		20	20	23	Fuel Tank (gals.)	
	16.5	17	17	25	18.5	17	17	20	18.5	17	Radiator (qts	.)
	4	U	S	S	U1	ChO		4	44	UI	Oil Fills (qts	.)
	6.70 x 15	6.70 x	8.20 x	9.00 x	8.00 x	8.500 x	8.00 x	8.00 x	7.50 x 8.00 x	8.00 x	Tire Size	
	15	15	5	14	15	444	-4	4	55	14		
	24-24	24-20	24-24	24-24	24-24	24-22	24-22	22-20	22-22	24-22	Front & Rea	
-	4 3.36	0 3.31	4	1	1	2 3.58	2 3.58	0 3.54	11	2 3.58	Manual	4.5
	6 3.55	3.07	2.93	2.89	2.94	2.93	2	4 2.87	3.07	8 2.93	Automatic	Ž.
1	55 -	07 3.54	93		-	-		87 3.54		-		DE I
	1	54		1	16	111	10	54	1.1	1	Overdrive	200

Complete 1961 Auto Roundup



Romping the Dodge Lancer through a water test. On a speed oval, we clocked this car at 110 mph.

THE bigger they come, the harder the buyers will fall for them. At least, that's what Detroit hopes will be true of their new breed of stretched compact cars.

The 112-inch wheelbases of GM's three—the Buick Special, Pontiac Tempest and Olds F-85 — top Corvair's wheelbase by 4 inches. And,

if the soaring sales of Mercury's 114-inch wheelbase Comet, introduced in mid-1960, are any guide, that still leaves GM's elongated compacts room for growing.

Comparing the 1961 Compact Cars

By BILL CALLAHAN

Actually, the question of car size today is about as relative as even an Einstein could make it. From the 173-inch long 1961 Rambler American up to the 227-inch Chrysler



Chevrolet's new Greenbrier Sports Wagon corners handily, gives fine bus-driver's-eye view of road.



1961 Valiant changes slightly, with chrome hash marks atop rear fenders, Plymouth name on trunk lid.

DODGE LANCER AND VALIANT

Glance at it from the rear, and you would suspect the new Dodge Lancer of being a slimly disguised Valiant. Up front, though, the two differ substantially in styling. Both have the same 106.5 inch wheelbase and the same interior dimensions, but the Lancer is 5 inches longer over-all and 2 inches wider. It will share the 101-hp, 170-cu.-in. Slant Six engine with Valiant. Later this fall, both will probably give as an option a new 145-hp, 225cu.-in. slant six engine.

The Lancer we drove had this new engine, and its smooth flow of power told us it would take some doing to overwork this mill. From 0-60 mph took just under 14 seconds and she came out of a quarter mile run in 19 seconds at 78 mph. On the 2½-mile speed oval, the speedometer (more optimistic than a fifth wheel, of course) clocked 110 mph. For those who don't want to lose the fuel mileage, Dodge and Valiant will probably offer a lower rear axle option for the larger engine.

Ride handling of the Lancer parallels that of Valiant closely. So does shift action, with

both the shared 2-speed automatic and 3speed manual transmissions. Steering is not quite as sensitive as it is on the GM compacts, and we like it that way. Power steering is available for the woefully weak-armed.

The compression ratio of the Lancer-Valiant engine has been lowered from 8.5 to 8.2:1 (by increasing cylinder block height .025 inch) to enable it to handle Regular fuel more efficiently. The same engine will have the rubber-tipped float valves in the carburetor which all Chrysler-line cars are adopting to prevent flooding from jammed dirt particles between the valve and its seat. It will also have the AC alternator.

Gear shift lever knob is now 1 inch higher and 1 inch farther back than it was on the 1960 Valiant, to eliminate "reaching" for 2nd gear. Parking brakes now take half the effort

to apply.

Valiant style changes are slight (see photo). Under-hood and body floor insulation has been increased. The 4-door, 3-seat Suburban has been dropped, and a third seat package is now optional. Suburban rear seat backs have been widened 41/2 inches.



DETROIT **VERSUS VW**

A good show to watch is the attempt by those two Detroit giants-Chevrolet and Fordto clobber that German gadfly known as Volkswagen. In 1960 they fought VW with their first domestic compact sedans. For 1961, they are introducing bus-type station wagons which will compete directly with

Greenbrier Sports Wagon at left will compete with the Volkswagen microbus shown at right.

Note wider, deeper luggage space opening on Greenbrier (left) compared to VW bus (right).

the VW microbus, and pickups which will duel the VW pickup series for customers.

Table A gives you

Table A gives you vital statistics on the bus fighters at weighing-in time. And accompanying photos show them side-by-side.

Note the lower and far roomier luggage area in the Greenbrier, which also sports some other surprises. Windows roll down instead of sliding back or pushing out part way as they do in the VW microbus. The second seat in the Greenbrier can be



Table A—BATTLE OF THE BUS-WAGONS (Dimensions in Inches)

	Volkswagen Microbus	Chevrolet-Corvair Greenbrier Sports Wagon	Ford Falcon Econoline Station Bus
Wheelbase	94.5	95	90
Length	164.5	179.7	168.4
Width	68.5	70.0	75.8
Height	74.5	68.5	78.1
Front Headroom	37	35.6	39.3
Hiproom	56.5	61.4	22.6 & 22.6*
Turning Circle	39	39	34.5
Driver-Entrance			
Step-Up Height	21	17.2	19.24
Weight	2450 lbs	2895 lbs	2659 lbs
Weight Engine	4 cyl-36 hp	6 cyl-80 hp * Seats split	6 cyl-85 hp by engine compartment.

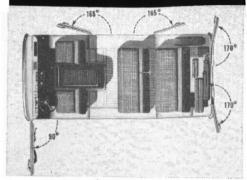






Above left, Greenbrier seat indicated by arrow is reversible, so passengers can either play poker or ignore each other. Above, driver's eye view from the Greenbrier. Left, 1961 Corvair's Rampside Pickup is a cinch to load, will compete with Volkswagen's pickup series and Ford Falcon's Econoline pickups.





Ford's 8-passenger Econoline Station Bus uses the Falcon 85-hp engine and a 3-speed transmission similar to that in the 1961 Ford. The engine is located between the separate front seats. Its housing has a top cover with a quick-connect hinge and a toggle clamp latch in front. The lower housing is in three sections, for easy servicing access. Two seats are standard; the third in the rear is an option. The new Econoline series also includes pickup and van models, with styling similar to this bus.



With Corvair's engine air cleaner superstructure gone, engine fits into new Lakewood wagon.

positioned so passengers face forward, or it can be reversed. Seats, by the way, are softer than those on the VW microbus. Side and tailgate doors on the Greenbrier lock open at 90° or a unique control strap can be unhooked to permit them to open 180°.

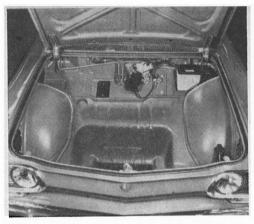
Driving the Greenbrier, Although this Corvair-engined bus comes with 2-speed automatic, 3-speed manual and an optional 4speed manual transmission, we were unlucky enough to have the performance-limiting automatic on our test Greenbrier, and nothing but hilly roads on which to test the muscles of this sports wagon. But even on these hills, the Greenbrier picked up from 20 mph without bucking or downshifting. She also took the curving road at 70 mph with ease (top speed of the VW bus is 55-60 plus and you've had it, unless there's a tailwind). The Greenbrier also took a flat 150-ft.-diameter circle at 40 mph with moderate lean and complaint, and survived the rough surface runs with aplomb. With the 4-speed manual transmission and Corvair's 98 hp power package, the Greenbrier should make VW's bus a slowpoke.

CORVAIRS GALORE Of the nine Corvair models offered for 1961, one of the most talked-about will be the Lakewood station wagon. Ed Cole, Chevrolet's General Manager, is still chuckling at the boys who said you couldn't have a station wagon with a rear-engine.

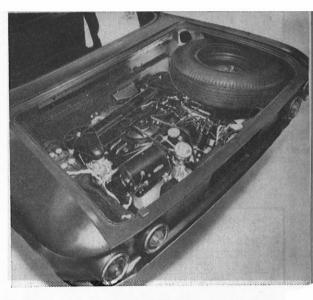
One change which made it possible is the sharp reduction in the height of the Corvair



Ghostly view of Corvair's Lakewood Station Wagon, loaded with charm, haberdashery and bird cages.



Flatter, separate air cleaners at each carb lower Corvair engine enough to make room for tire in the rear. This in turn increases the available luggage space, up front, as shown above.



engine. By substituting separate air cleaners at each carb, in place of 1960's overhead "bagpipe" which ducted air from a large central air cleaner, Corvair keeps its air cleaners about level with the engine shrouding (dubbed the "turkey roaster" by Corvair engineers). Carburetor horns now include manual rather than automatic chokes, which proved hard to synchronize. Cooling system damper ring, thermostat and attaching rods and levers are also removed from above the engine and air flow is now controlled by doors at the outlet end of the shrouds housing each cylinder bank.

The gasoline heater has been replaced by a perimeter heater which uses rejected engine heat to warm the car. This, plus the engine changes, should result in a 1-4 mpg improvement in fuel economy for 1961 Corvairs. By

boring each cylinder .1000-inch larger, torque has been upped from 125 @ 2400 to 128 @ 2300 rpm for better performance. Replacing the rear assembly mount from a compression to shear-type rubber mount cuts vibration.

FALCON sports a new grille and minor trim changes for '61. Big change is the optional new 170-cu.-in. engine which weighs only 7 pounds more than 1960's 144.3-cubic-incher. Larger displacement comes from lengthening the stroke from 2.5 to 2.94 inches and this produces better low-end torque.

Both engines will have new snorkel-type air cleaners which reduce noise and improve air flow. A die-cast aluminum front engine cover replaces last year's stamped steel cover. Carburetor space has been redesigned to accept the windshield wiper vacuum line



Falcon for '61 gets a new grille and a 101-hp engine option with longer stroke for better torque.