



BUICK ZONE SERVICE BULLETIN

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BUICK MOTOR DIVISION • GENERAL MOTORS CORPORATION • FLINT, MICHIGAN 48550

TO Zone Service and Parts Managers
Zone Managers
Asst. General Sales Managers
Regional Managers
Internal List

DATE April 15, 1966

SUBJECT Dual 4 Barrel Carburetor Installation on the Skylark Gran Sport
1965 and 1966

Several inquiries have been made from the field requesting information about installing two four-barrel carburetors on the Skylark Gran Sport. Since this package is not available as a factory option or a dealer option, the dealer can, by ordering individual parts, compose the 2 x 4 barrel setup.

The parts required to install the 2 x 4 barrel setup are listed in this bulletin by part number and group number.

Carburetor adjustments were sent out in Dealer Letter 66-128 for the 2 x 4 barrel installation on the Wildcat Gran Sport and Riviera Gran Sport which is available as a factory option. These specifications should be used for the Skylark Gran Sport.

Shown in Figure 1, is the assembly layout of the installation of the 2 x 4 barrel setup that is used on the 1966 Wildcat and Riviera Gran Sport Models. It is basically the same setup that is used on the Skylark Gran Sport.

On the Skylark it will be necessary to rework the throttle operating rod as it was not designed for this Model, and also the coil has been moved to the fire wall.

Shown in Figures 2 and 3 are actual photos of the 2 x 4 carburetor in a 1966 Skylark Gran Sport. Some variation can be seen between Figure 1 and Figures 2 and 3, but with very little difficulty, the changes can be made.

Parts Required for 2 x 4 Barrel Setup

<u>Group No.</u>	1965	1966	<u>Qty. Req.</u>	<u>Part</u>
	<u>Part No.</u>	<u>Part No.</u>		
8.963	103361	103361	1	Pin, Cotter 1/16 x 1/2
	115802	115802	1	Nut, Hex, Jam 1/4-28
	143483	143483	1	Tee, Inv. Fld. Tube 2 Way 5/16
8.900	137398		2	Nut, 5/16 Inv. Fld. Tube
	186677		8	Bolt, Hex. Hd. 5/16 - 18 x 1.00
	188968	188968	1	Connector, Inv. Fld. Tube
4.037	410224	410224	1	Washer, Spring Special
	444571	444571	1	Plug 1/8 Pipe
	444576	444576	1	Plug, 1/4 Auto. Sq. Hd. Pipe
2.361	1110993	1111058	1	Distributor Assembly
3.413	1181130	1379685	2	Gasket, Air Cleaner & Silencer
2.410	1334896	1352845	1	Hose 5/32 x 14.50 lg.
3.726	1353377	1353377	1	Plate, Carb to Manifold (Prim. Carb only)
1.745	1357031	1357031	1	Fitting, Special
3.545	1363352		1	Clip
1.745	1363936	1363936	1	Fitting, Vac. 2 Outlet
3.201	1364047	1364047	1	Pipe Asm. Sec. to Prim. Carb.
4.205	1364128	1364128	1	Pipe Asm. Vac. Mod. Valve
4.205	1365115	1365115	1	Connector 1/4 Inv. Flored Tube
3.430	1365972	1365972	1	Turnbuckle, Throt. Oper. Rod - Frt.
3.403	1366218	1366218	1	Bolt, Special-Air Cleaner Cover
4.931	1366280		1	Clip
3.402	1366921	1366921	1	Monogram, Air Cleaner
3.403	1369993	1369993	1	Rod & Clevis Asm. Throttle Oper.
4.931	1370256	1370256	1	Pipe Asm. Pwr. Brake Vac.
3.265	1370316	1370316	1	Manifold Intake
1.745	1371231	1379225	1	Hose, Crankcase Vent
3.545	1371253	1371253	1	Pipe Asm. Auto. Choke Heat - Upr.
4.060	1372174	1372174	1	Link, Sw. To Carb. Lvr.
3.430	1373761	1373761	1	Rod Asm. Throt. Oper. Frt.
3.430	1373762	1373762	1	Bolt, Throt. Oper. Rod Adj. - Frt.
3.430	1373763	1373763	1	Spring, Adj.
3.725			1	Rod & Clevis Asm., Throttle Oper.
3.725	1373998	1379226	1	Carburetor Asm., Carter Primary
3.430	1373999	1373999	1	Carburetor Asm., Carter Secondary
	1375060	1375060	1	Trunion Asm., Throt. Oper. Rod - Frt.
1.113	1375460	1353378	2	Gasket, Carb. to Manifold
3.545	1376109	1366227	1	Pipe, Auto Choke Heat. - Air Feed
4.060	1377231	1378861	1	Bracket Asm. - Trans. Cont. Sur. & Mtg.
3.021	1377522	1370889	1	Pipe Asm., Fuel Filter to Carb.
3.402	6422706	6422706	1	Cleaner & Silencer Asm., Air
	9419274	9419274	1	Washer 1/4 Type B
	9419342	9419342	2	Bolt, Hex 5/16 - 18 x 1/2
	9419346	9419346	1	Bolt, Hex 3/8 - 16 x .62
	9420691	9420691	2	Screw, Pan Hd. C/Rec. Mach. 1/4 - 20 x 2-3/4

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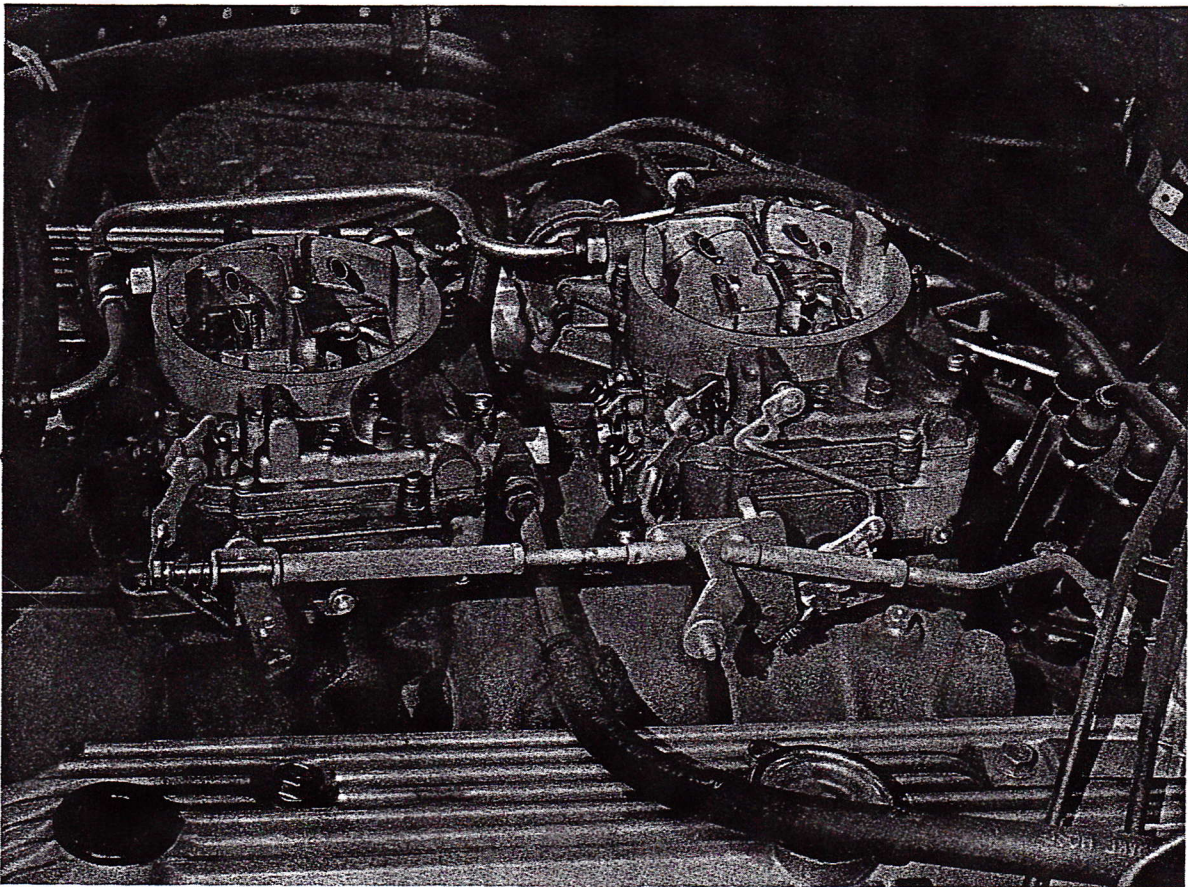


Figure 2

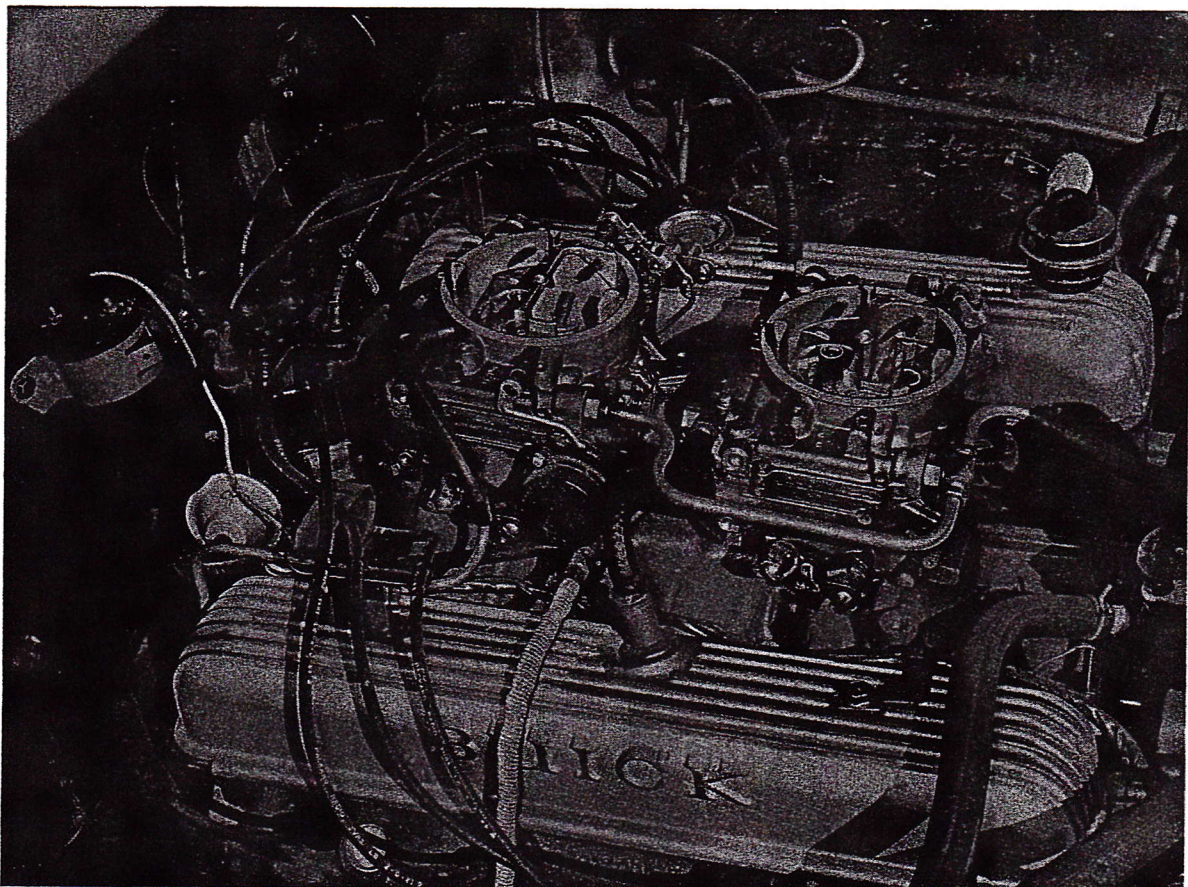


Figure 3