

FORD DIVISION

*Ford Motor Company*

ROTUNDA DRIVE AT SOUTHFIELD ROAD  
P. O. BOX 488  
DEARBORN, MICHIGAN

GENERAL MARKETING OFFICE

Name of Manufacturer - Ford Motor Company  
Name of Model - Falcon Sprint - 2 Dr. Hardtop  
Manufacturers Reference  
No. of Application - 63630

I certify that in excess of 1,000 cars identical with the basic specification stated in this application were completed on November 7, 1962. Production commenced on November 1, 1962. Cars conforming to this specification may be identified by Chassis Nos. after 3H63C-100001. Engine Nos. - Same.

*George P. Mervin*  
George P. Mervin  
Competitions Manager

*Jacques D. Fassino*  
Jacques D. Fassino  
Special Projects Manager

AUTOMOBILE COMPETITION COMMITTEE  
FOR THE UNITED STATES FIA, INC.  
515 MADISON AVENUE  
NEW YORK 22, N. Y.

*George O. Pland, Secy.*

RECEIVED  
NOV 7 1962  
RECEIVED  
ACC - US (FIA)

THE AUTOMOBILE COMPETITION COMMITTEE  
FOR THE UNITED STATES, FIA INC.  
515 MADISON AVENUE  
NEW YORK 22, N. Y.

TEL: Eldorado 5-0900

NOV 7 1962  
CABLE: ACCUSFIA NEW YORK  
ACC - US (FIA)

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of Recognition in accordance with Appendix J to the International Sporting Code.

Manufacturers Reference No. for

Application 6363C

F.I.A. Recognition No. 1156

Manufacturer Ford Motor Company

Model 1963 Falcon Sprint

Year of Manufacture 1962-1963

Serial No. of Chassis starts with 3H63C-100001

Engine starts with Same

Type of Bodywork Futura - Two Door Pillarless Coupe

Recognition is valid from \_\_\_\_\_

In Category Touring   
~~or Grand Touring~~



Stamp of F.I.A. to be  
affixed here.

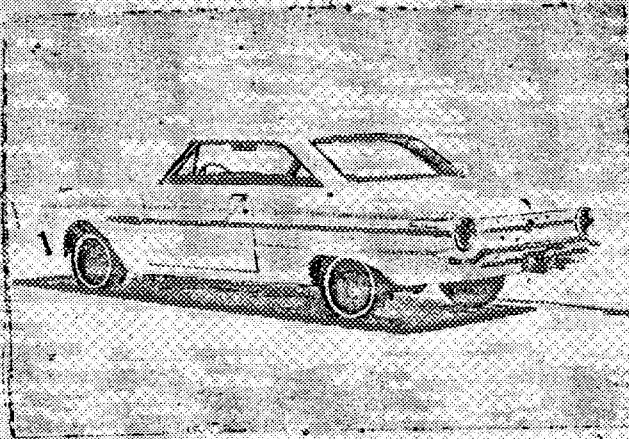
Stamp of ACCUSFIA, INC.  
to be affixed here.

Signed

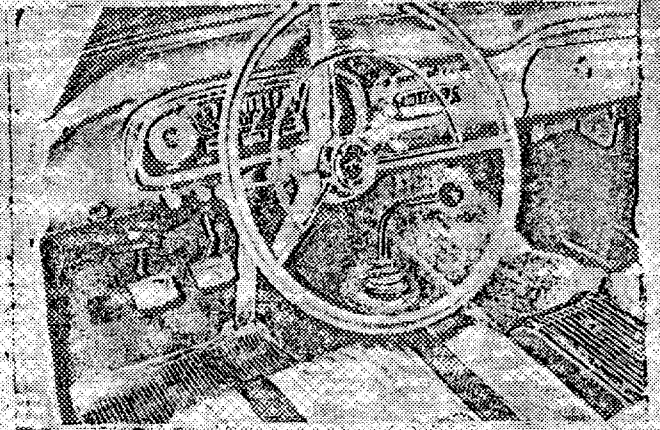
*George O. Rand*  
Sec'y

General description of car: (specifying materials of Bodywork)

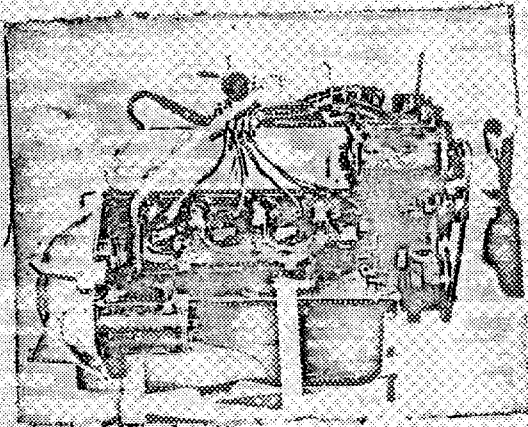
Body panels and structural members are welded into a strong single unit assembly. The floor panel is reinforced with five full-width cross members forming a strong rigid unit. The main side rails are reinforced by sturdy corner braces and form a solid base for engine mounting and provide solid attachment for both front and rear suspension.



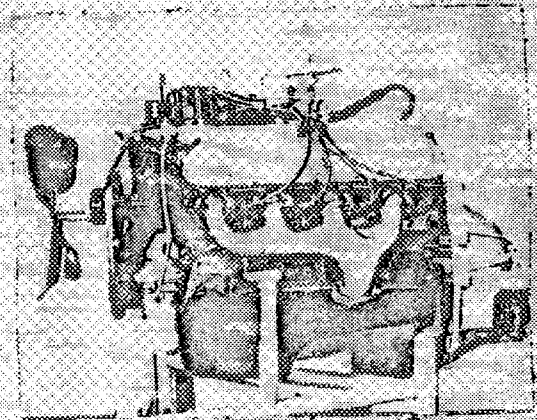
(3/4 view of car from rear left.)



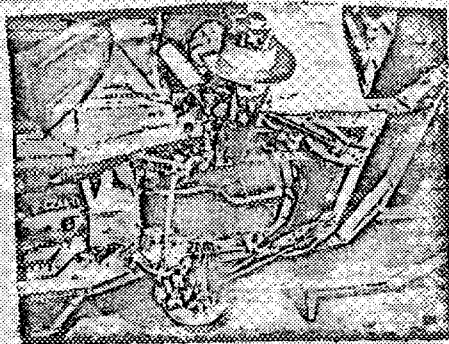
(Interior view of car through driver's door.)



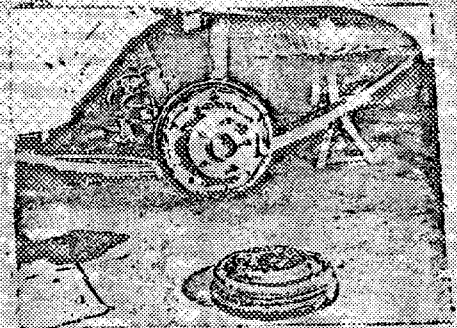
(Engine unit with accessories from right.)



(Engine unit with accessories from left.)



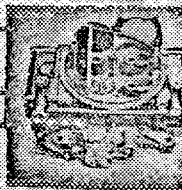
(Front axle complete without wheels.)



(Rear axle complete without wheels.)

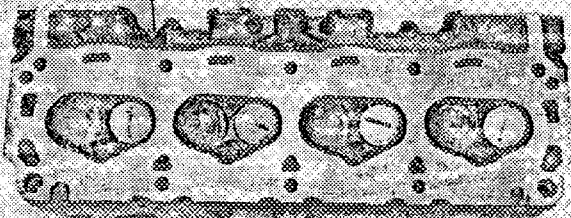
**ENGINE**

No. of cylinders	<u>Eight</u>	in line	<u>in V</u>	<u>Eight</u>
		opposed		
Cycle	<u>Four stroke</u>	Firing order	<u>1-5-4-2-6-3-7-8</u>	
Capacity	<u>4261.4</u>	c.c.	Bore	<u>95.52</u> m.m. Stroke <u>72.898</u> m.m.
Maximum rebore	<u>98.04</u>	Resultant capacity	<u>4404</u> c.c.	
Material of cylinder block	<u>Cast Iron</u>	Material of sleeves, if fitted	<u>none</u>	
Distance from crankshaft center line to top face of block at center line of cylinders	<u>208.1</u>		m.m.	
Material of cylinder head	<u>Cast Iron</u>	Volume of one combustion chamber	<u>43.0 to 50.6</u> c.c.	
Compression ratio	<u>11.5</u>			
Material of piston	<u>Aluminum</u>	No. of piston rings	<u>three</u>	
Distance from wrist pin center line to highest point of piston crown	<u>40.894</u>		m.m.	
Bearings	Crankshaft main bearings: Type	<u>Over plated Copper</u>	Lead	<u>57.15</u> m.m.
	Connecting rod big end: Type	<u>Same as above</u>	Dia.	<u>53.84</u> m.m.
Weights	Flywheel	<u>9.23</u>	kg.	
	Crankshaft	<u>16.78</u>	kg.	
	Connecting rod	<u>.63</u>	kg.	
	Piston with rings	<u>.597</u>	kg.	
	Wrist pin	<u>.142</u>	kg.	
No. of valves per cylinder	<u>Two</u>	Method of valve operation	<u>Mech. Tappet Push Rods and Rocker Arm</u>	
No. of camshafts	<u>One</u>	Location of camshafts	<u>in cyl. block</u>	
Type of camshaft drive	<u>Chain</u>			
Diameter of valves:	Inlet <u>43.86</u> m.m.	Exhaust	<u>36.98</u> m.m.	
Diameter of port at valve seat:	Inlet <u>40.01</u> m.m.	Exhaust	<u>33.66</u> m.m.	
Tappet clearance for checking timing:	Inlet <u>00</u> m.m.	Exhaust	<u>00</u> m.m.	
Valves open:	Inlet <u>43°</u> DBDC	Exhaust	<u>99°</u> DBDC	
Valves close:	Inlet <u>106°</u> ABDC	Exhaust	<u>70°</u> ATDC	
Maximum valve lift:	Inlet at valve <u>11.89</u> m.m.	Exhaust at valve	<u>11.71</u> m.m.	
Degrees of crankshaft rotation from zero to -				
Maximum lift:	Inlet at valve <u>116°</u>	Exhaust at valve	<u>253°</u>	
3/4 Maximum lift:	Inlet <u>62°</u>	Exhaust	<u>190°</u>	
Valve springs:	Inlet	Exhaust		
Type	<u>Coil</u>	<u>Coil</u>		
No. per valve	<u>2</u>	<u>2</u>		
Carburetor: Type	<u>Down draft</u>	No. fitted	<u>1</u>	
	(up or down draft, horizontal)			
Make	<u>Holley</u>	Model	<u>4160C 4V</u>	
Flange hole diameter	<u>40.64</u> m.m.	Choke diameter	<u>Pri. 92.08</u> m.m.	
Main jet identification No.	<u>61</u>	Sec.	<u>49.21</u> m.m.	
	Secondary <u>.193</u> mm.			

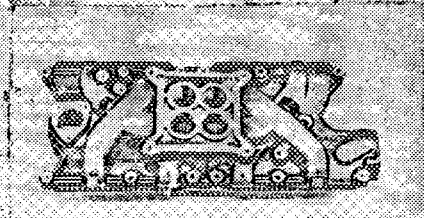


Air Filter: Type Dry No. fitted One  
 Inlet manifold:  
 Diameter of flange hole at carburetor 40.64 m.m.  
 Diameter of flange hole at port 33.66 48.26 m.m.

(Photograph of combustion chamber to be affixed here.)

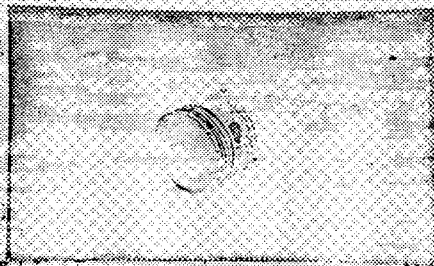


(Photograph of inlet manifold to be affixed here.)

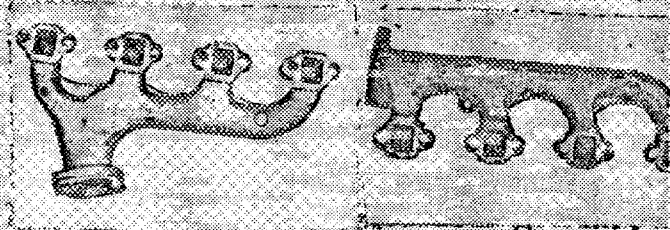


Exhaust manifold:  
 Diameter of flange hole at port 30.16 x 34.93 m.m.  
 Diameter of flange hole at connection to muffler inlet pipe 47.63 m.m.

(Photograph of piston showing crown to be affixed here.)



(Photograph of exhaust manifold to be affixed here.)



Left

Right

ENGINE ACCESSORIES

Make of fuel pump Carter No. fitted One  
 Method of operation Mechanical

Type of ignition system Coil coil or magneto  
 Make of ignition Fomoco Model C2FF-12127-A  
 Method of advance and retard Centrifugal

Make of ignition coil Fomoco Model FAC-12029-A  
 No. of ignition coils One Voltage 12V resistor to 9V

Make of generator Fomoco Model C1TZ-10002-A  
 Voltage of generator 15 Maximum output 40 amps.

Make of starter motor Fomoco Model C30F-11001-A

Battery: No. fitted One Voltage 12 Capacity 60 amp. hour  
 Oil Cooler (if fitted) type Air rejection Capacity 3 pints

**TRANSMISSION**

Make of clutch Long Type Dry plate  
 Diameter of clutch plate 26.83 mm. No. of plates one  
 Method of operating clutch Foot operated  
 Make of gearbox Borg Warner Type Helical gear-synchromesh  
 No. of gearbox ratios 4 forward & 1 reverse  
 Method of operating gearshift manual  
 Location of gearshift In floor  
 Is overdrive fitted? No, see pg. of options  
 Method of controlling overdrive, if fitted \_\_\_\_\_

Speed	GEARBOX RATIOS		ALTERNATIVE RATIOS			
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
1st.	2.20		2.36		2.73	2.49
2nd.	1.64		1.78		2.04	1.59
3rd.	1.31		1.41		1.51	1.00
4th.	1.00		1.00		1.00	0.72
5th.						
Reverse	2.26		2.42		2.81	3.15

Type of final drive Hutchinson  
 Type of differential Semi-floating  
 Final drive ratio 3.50 Alternatives see page of options  
 No. of teeth 35-10  
 Overdrive ratio, if fitted none

**WHEELS**

Type Pressed steel disc. Weight 9.12 kg.  
 Method of attachment 5 stud bolt circle 114.3 mm.  
 Rim diameter 381 m.m. Rim width 139.7 m.m.  
 Tire size: Front 6.70 x 15 Rear 6.70 x 15

**BRAKES**

Method of operation Hydraulic  
 Is servo assistance fitted? Yes  
 Type of servo, if fitted Vacuum actuated  
 No. of hydraulic master cylinders one Bore 28.58 m.m.

	Front	Rear
No. of wheel cylinders	Two	One
Bore of wheel cylinders	53.98 m.m.	19.05 m.m.
Inside diameter of brake drums	m.m.	279.4 m.m.
No. of shoes per brake		Two
Outside diameter of brake discs	292.1 m.m.	m.m.
No. of pads per brake	One inner one outer	

Dimensions of brake linings per shoe or pad (if all shoes or pads in each brake are not of same dimensions, specify each)

	Front	Rear
Length	53.98 m.m.	57.2 m.m.
Width	47.6 m.m.	50.8 m.m.
Total area per brake	inner 40382 outer 40382 80764 Total m.m. <sup>2</sup>	44,593.0 m.m. <sup>2</sup>

#### SUSPENSION

	Front	Rear
Type	Independent	Semi-elliptic
Type of spring	Coil	Leaf
Is stabiliser fitted?	Yes	No
Type of shock absorber	telescopic	telescopic
No. of shock absorbers	four	four

#### STEERING

Type of steering gear	Recirculating ball & nut
Turning circle of car	12.252 m., approx.
No. of turns of steering wheel from lock to lock	2.5

#### CAPACITIES AND DIMENSIONS

Fuel tank	105.99 litres	Sump	4.257 litres
Radiator	13.71 litres		
Overall length of car	450 cm.	Overall width of car	179.3 cm.
Overall height of car, unladen (with top up, if appropriate)			142.0 cm.
Distance from floor to top of windshield:			
Highest point	102.8 cm.	Lowest point	77.4 cm.
Width of windshield:			
Maximum width	147.3 cm.	Minimum width	133.5 cm.
*Interior width of car	143.0 cm.		
No. of seats	Two front one bench type rear		
Track: Front	142.9 cm.	Rear	139.1 cm.
Wheelbase	278.13 cm.	Ground clearance	254.0 m.m.
Overall weight with water, oil and spare wheel, but without fuel	1243 kgs.		

\*(To be measured at the immediate rear of the steering wheel, and the width quoted to be maintained in a vertical plane of not less than 25 cms.)

**Additional information for cars fitted with two-cycle engines**

System of cylinder scavenging.....

Type of lubrication.....

**Size of inlet port:**

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.<sup>2</sup>

**Size of exhaust port:**

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.<sup>2</sup>

**Size of transfer port:**

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.<sup>2</sup>

**Size of piston port:**

Length measured around piston..... m.m.

Height..... m.m. Area..... m.m.<sup>2</sup>

**Method of pre-compression**.....

Bore and stroke of pre-compression cylinder, if fitted..... m.m.

Distance from top of cylinder block to lowest point of inlet port..... m.m.

Distance from top of cylinder block to highest point of exhaust port..... m.m.

Distance from top of cylinder block to highest point of transfer port..... m.m.

Drawing of cylinder ports.

**Supercharger, if fitted**

Make..... Model or Type No.....

Type of drive..... Ratio of drive.....

**Fuel injection, if fitted**

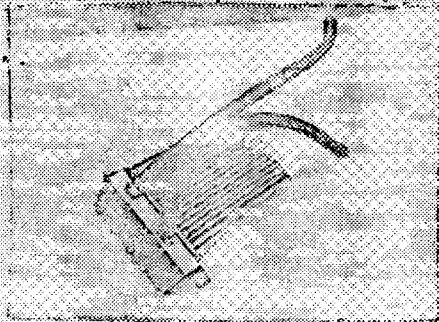
Make of pump..... Model or Type No.....

Make of injectors..... Model or Type No.....

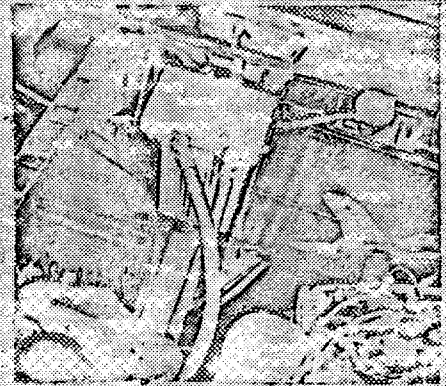
Location of injectors.....



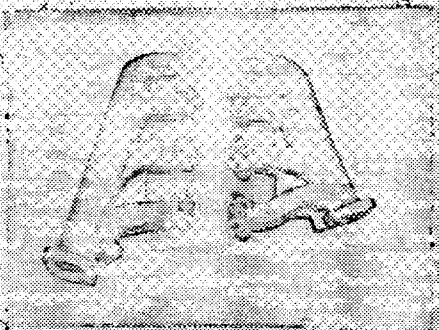
Optional equipment affecting preceding information:-



Oil Cooler  
Part #CLAZ-6A642-A



Installed

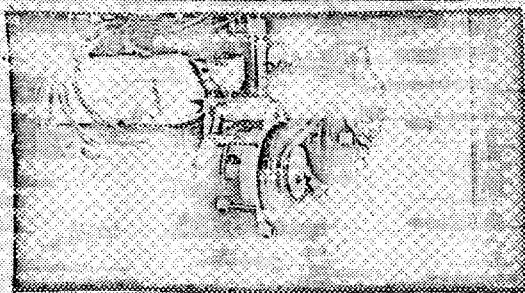


Manifolds

EXHAUST MANIFOLDS

Left Part  
Right Part #830E-9428-B  
Dia. of Flange Hole  
At Port 1.18 x 1.31 ± .031  
30.16 x 33.34 mm.

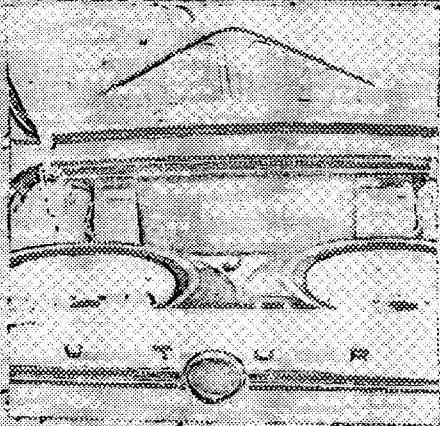
Dia. of Flange Hole  
At Connection to Muffler  
Inlet Pipe 1.46 ± .06  
47.63 mm.



DYNAMO (Alternator Type)

Autolite (Shown) Model A18-5101-S  
Voltage 15                      Max. Output 40 Amps.

FOMOCO                      Model CLAZ-10346-A  
Voltage                      Max. Output 40 Amps.



DETAIL OF AUXILIARY FUEL TANK

Capacity 12 Gal. 45.42 Liters

Mounted on Plateau  
Behind Rear Seat  
In Boot

Optional equipment affecting preceding information:-

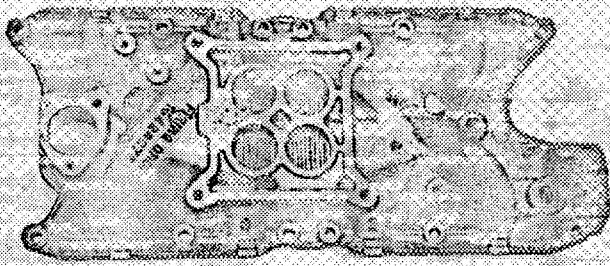


Photo of 4V

INLET MANIFOLD OPTIONS

Dia. of flange hole at carburetor 40.64 mm.  
 Dia. of flange hole at port 25.4 x 48.26 mm.  
 Part #C20EM-9425-C  
 Material cast iron

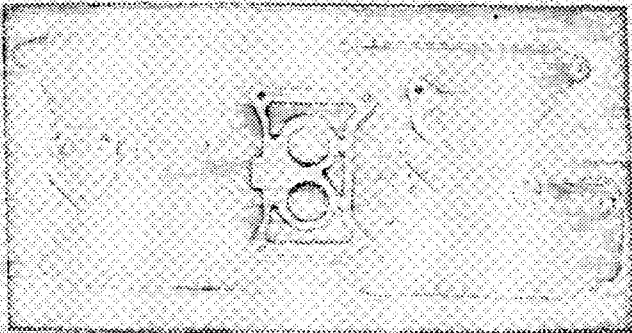
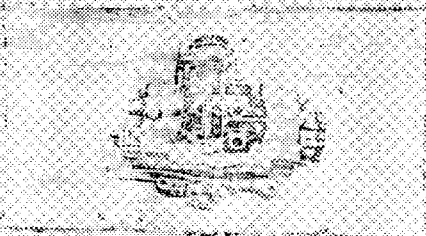


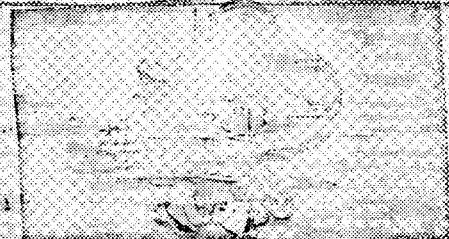
Photo of 2V

Dia. of flange hole at carburetor 36.51 mm.  
 Dia. of flange hole at port 21.43 x 40.48 mm.  
 Part #C20Z-9425-E  
 Material cast iron

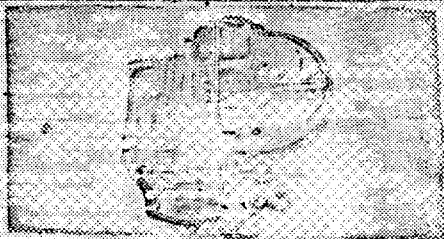
CARBURETOR OPTIONS



Carburetor:	Type	Down Draft	
	No. fitted	One	
Make	Ford Motor	Model	4V H & A
Flange hole diameter		39.6	mm.
	Choke dia.	Primary - 28.57	mm.
		Secondary - 30.14	mm.
Main jet identification No.	Main #56		
	Secondary #63		



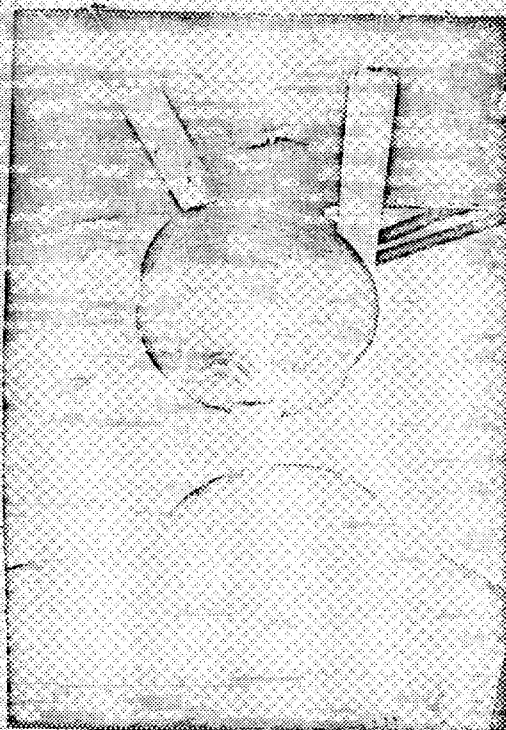
Carburetor:	Type	Down Draft	
	No. fitted	One	
Make	Ford Motor	Model	2V H & A
Flange hole diameter		33.4	mm.
	Choke dia.	Primary - 49.2	mm.
		Secondary - 103.2	mm.
Main jet identification No.	Main #44		



Carburetor:	Type	Down Draft	
	No. fitted	One	
Make	Holley	Model	2300-C
Flange hole diameter		37.7	mm.
	Choke dia.	47.6 x 92.1	mm.
Main jet identification No.	#56		

Optional equipment affected preceding information: -

WHEEL BRAKE CYLINDERS AVAILABLE



Details of optional brake

Front:	Diameter		Part Number	
	Inches	M.M.	Left	Right
Front:	1.1875	30.16	C5HM-2062-3	C5HM-2061-3
	1.15625	29.37	C5HM-2062-4	C5HM-2061-4
	1.125	28.58	C20Z-2062-A	C20Z-2061-A
	1.09375	27.78	C5HM-2062-5	C5HM-2061-5
	1.0625	26.99	C20Z-2062-B	C20Z-2061-B
Rear:	1.000	25.4	C20Z-2062-A	C20Z-2061-A
	.9375	23.81	B7A-2262-A	B7A-2261-A
	.90625	23.02	C20Z-2262-A	C20Z-2261-A
	.875	22.23	C20Z-2262-B	C20Z-2261-B
	.8125	20.64	C5HM-2262-1	C5HM-2261-1
	.750	19.05	C5HM-2262-2	C5HM-2261-2
	.84375	21.43	C20Z-2262-C	C20Z-2261-C

METALLIC LINING

Number of Blocks	Primary Size		Part Number	Number of Blocks	Secondary Size		Part Number
	L	W			L	W	
3	2.25"	1.75"	C5HM-2018-1A	4	2.25"	1.75"	C5HM-2019-1A
3	57.2	44.5 mm.	C5HM-2018-2A	4	57.2	44.5 mm.	C5HM-2019-2A
	2.25"	2.0"			57.2	50.8 mm.	
3	57.2	50.8 mm.	C5HM-2018-3A	4	2.25"	2.25"	C5HM-2019-3A
	2.25"	2.25"			57.2	57.2 mm.	
3	57.2	57.2 mm.	C5HM-2018-4A	4	2.25"	2.5"	C5HM-2019-4A
	2.25"	2.5"			57.2	63.5 mm.	
3	57.2	63.5 mm.	C5HM-2018-5A	4	2.25"	2.0"	C5HM-2019-5A
	2.25"	2.0"			57.2	50.8 mm.	
3	57.2	50.8 mm.	C5HM-2018-6A	4	2.25"	2.25"	C5HM-2019-6A
	2.25"	2.25"			57.2	57.2 mm.	
3	57.2	57.2 mm.	C5HM-2018-7A	4	2.25"	2.5"	C5HM-2019-7A
	2.25"	2.5"			57.2	63.5 mm.	
3	57.2	63.5 mm.	C5HM-2018-8A	4	2.25"	3.0"	C5HM-2019-8A
	2.25"	3.0"			57.2	76.2 mm.	
3	57.2	76.2 mm.	C5HM-2018-9A	4	2.25"	3.5"	C5HM-2019-9A
	2.25"	3.5"			57.2	88.9 mm.	
3	57.5	88.9 mm.					

Optional equipment affecting preceding information:-

AVAILABLE - BRAKE SHOES & LININGS

Shoe Location	Brake Size	No. per Shoe	Organic Lining Size	Area Sq. In.	Kit Part Numbers
Primary MM	10.0 X 1.75 254.0 X 44.5	2	9.625 X 1.75 244.5 X 44.5	16.85 10,800.25	C5HM-2018-1
Secondary MM		2	11.0 X 1.75 279.4 X 44.5	19.25 12,433.0	C5HM-2019-1
Primary MM	10.0 X 2.00 254.0 X 50.8	2	9.625 X 2.00 244.5 X 50.8	19.25 12,420.6	C5HM-2018-2
Secondary MM		2	11.0 X 2.00 279.4 X 50.8	22.00 14,221.5	C5HM-2019-2
Primary MM	10.0 X 2.25 254.0 X 57.2	2	9.625 X 2.25 244.5 X 57.2	21.65 13,985.4	C5HM-2018-3
Secondary MM		2	11.0 X 2.25 279.4 X 57.2	24.75 16,261.0	C5HM-2019-3
Primary MM	10.0 X 2.50 254.0 X 63.5	2	9.625 X 2.50 244.5 X 63.5	24.08 15,525.7	C5HM-2018-4
Secondary MM		2	11.0 X 2.50 279.4 X 63.5	27.50 17,741.9	C5HM-2019-4
Primary MM	11.0 X 2.0 279.4 X 50.8	2	9.375 X 2.00 2381.3 X 50.8	18.75 12,097.0	C5HM-2018-5
Secondary MM		2	12.25 X 2.0 3111.5 X 50.8	24.5 15,804.6	C5HM-2019-5
Primary MM	11.0 X 2.25 279.4 X 57.2	2	9.375 X 2.25 2381.3 X 57.2	21.09 13,621.0	C5HM-2018-6
Secondary MM		2	12.25 X 2.25 3111.5 X 57.2	27.56 17,797.7	C5HM-2019-6
Primary MM	11.0 X 2.50 279.4 X 63.5	2	9.375 X 2.50 2381.3 X 63.5	23.43 15,121.2	C5HM-2018-7
Secondary MM	12.25 X 2.50 3111.5 X 63.5	2	12.25 X 2.50 3111.5 X 63.5	30.62 19,758.0	C5HM-2019-7
Primary MM	11.0 X 3.00 279.4 X 76.2	2	9.375 X 3.0 2381.3 X 76.2	26.12 18,145.3	C5HM-2018-8
Secondary MM	12.25 X 3.00 3111.5 X 76.2	2	12.25 X 3.0 3111.5 X 76.0	36.75 23,647.4	C5HM-2019-8
Primary MM	11.0 X 3.50 279.4 X 88.9	2	9.375 X 3.50 2381.3 X 88.9	32.81 21,169.7	C5HM-2018-9
Secondary MM		2	12.25 X 3.50 2381.3 X 88.9	42.87 21,116.9	C5HM-2019-9

BRAKE DRUM COMBINATIONS  
INTERCHANGEABLE FRONT AND REAR  
M.M.

BORE	WIDTH	BORE	WIDTH	MATERIAL	PART NO.
10.0	1.75	254.0	44.5	CAST IRON	C20Z-1126-A
10.0	2.00	254.0	50.8	CAST IRON	C5HM-1125-1
10.0	2.25	254.0	57.2	CAST IRON	C5HM-1125-2
10.0	2.50	254.0	63.5	CAST IRON	C5HM-1125-3
10.0	2.50	254.0	63.5	ALUMINUM	C5HM-1125-4
11.0	2.0	279.0	50.8	CAST IRON	C5HM-1125-5
11.0	2.25	279.0	57.2	CAST IRON	C5HM-1125-6
11.0	2.5	279.0	63.5	CAST IRON	C5HM-1125-7
11.0	2.5	279.0	63.5	ALUMINUM	C5HM-1125-8
11.0	3.0	279.0	76.2	CAST IRON	C5HM-1125-9
11.0	3.0	279.0	76.2	ALUMINUM	C5HM-1125-10
11.0	3.5	279.0	88.9	CAST IRON	C5HM-1125-11
11.0	3.5	279.0	88.9	ALUMINUM	C5HM-1125-12

OPTIONAL EQUIPMENT AFFECTING PRECEEDING INFORMATION

AVAILABLE REAR AXLE RATIOS

<u>Ratios</u>	<u>No. Teeth - Gear</u>	<u>No. Teeth Pinion</u>	<u>Part Number</u>
2.91:1	32	11	B8E-4209-A
2.69:1	35	13	B8A-4209-D
F 3.00:1	39	13	C2CZ-4209-A
G 3.00:1	39	13	C2AZ-4209-J
3.10:1	31	10	B7A-4209-B
3.22:1	39	9	B8A-4209-F
F 3.25:1	39	12	C2CZ-4209-C
3.40:1	34	10	WAB-4209-K
F 3.50:1	35	10	C2CZ-4209-B
G 3.50:1	35	10	C2AZ-4209-K
G 3.56:1	32	9	B7A-4209-D
3.70:1	37	10	B7A-4209-A
3.80:1	38	10	C3CZ-4209-A
3.89:1	35	9	B7A-4209-E
4.11:1	37	9	C2AZ-4209-L
4.29:1	30	7	WAB-4209-J
4.57:1	32	7	WAB-4209-H
4.71:1	33	7	WAB-4209-G
4.86:1	34	7	WAB-4209-P
5.14:1	36	7	WAB-4209-E
5.43:1	38	7	WAB-4209-D
5.67:1	34	6	WAB-4209-C
5.83:1	35	6	CLAW-4209-E

4 SPEED TRANSMISSION OPTIONS

<u>Ratios</u>	<u>O.D.</u>
1 - 2.20:1	1 - 2.54:1
2 - 1.64:1	2 - 1.92:1
3 - 1.31:1	3 - 1.52:1
4 - 1.00:1	4 - 1.00:1
5 - 0.72:1	Rev - 2.61:1
Rev.	

OPTIONAL EQUIPMENT AFFECTING PRECEDING INFORMATION

Clutch, Single Disc	264.0 mm.	C30A-7550-F
Spring Frt. Coil		C5HM-5310-1
Spring Rear, Leaf		C5HM-5560-1
Stabilizer Bar Frt.		C5AM-5482-1
Shock Absorber Frt.		C5HM-18045-1
Shock Absorber Frt.		C5HM-18045-2
Shock Absorber Rear		C5HM-18080-1
Shock Absorber Rear		C5HM-18080-2
Rear Axle Assy Flange to Flange	142.3 mm wide	C5HM-4006-1
Rear Axle Assy	142.3 mm wide	C5HM-4006-2
Engine - 170 Cu. in. 6 Cyl.		C3DE-6007-B
Engine - 221 Cu. In. V-8		C3DE-6007-C
Exhaust Pipe Manifold to Cross Over		C5HM-5246-1
Exhaust Pipe Cross Over to Muffler		XD-525916
Muffler		C5HM-5230-1
Exhaust Tail Pipe	(Kit)	C5HM-5255
Tachometer Electric		RC-8500-

Camshaft:

Part Number C5HM-6250-2

	Inlet	Exhaust
Tappet clearance for checking timing:	00 mm	0 mm
Valves open:	96° BTDC	146° DBDC
Valves Close:	153° ABDC	113° ATDC
Max. Valve lift (at valve)	11.67 mm	11.48 mm
Degree of crankshaft rotation from zero to - max. lift (at valve)	107°	249°
3/4 Max. lift (at valve)	52°	192°

Part Number C20Z-6250-A

	Inlet	Exhaust
Tappet clearance for checking timing:	00 mm	00 mm
Valve open:	30° BTDC	68° DBDC
Valve close:	78° ABDC	50° ATDC
Max. Valve Lift (at valve)	9.55 mm	9.37 mm
Degree of crankshaft rotation from zero to - max. lift (at valve)	82°	243°
3/4 - Max. lift (at valve)	55°	197°

OPTIONAL EQUIPMENT AFFECTING PRECEDING INFORMATION  
TRACK DIMENSION CHANGES

Wheel Size	Weight (Lbs)	Part Number	FRONT			REAR	
			Disc Brakes	Drum Brakes to 2.5" to 3.5"	Std. Axle	Optional Axle	
14.0" x 5.0" 355.6 x 127 *	15.75	C5EM-1007-1	56.0" 1422.4	55.25" 1403.5	56.75" 1441.5	54.5" 1384.3	56.0" 1422.4
14.0" x 5.5" 355.6 x 139.7	18.0	C5EM-1007-A	56.5" 1435.1	55.75" 1416.1	57.25" 1428.8	55.0" 1397.0	56.5" 1435.1
14.0" x 6.0" 355.6 x 152.4	19.5	C5EM-1007-2	57.0" 1447.8	56.25" 1428.7	57.75" 1466.9	55.5" 1409.7	57.0" 1447.8
14.0" x 6.5" 355.6 x 165.1	20.25	C5EM-1007-3	57.5" 1460.5	56.75" 1441.4	58.25" 1479.5	56.0" 1422.4	57.5" 1460.5
14.0" x 7.0" 355.6 x 177.8	21.2	C5EM-1007-4	58.0" 1473.2	57.25" 1454.15	58.75" 1492.2	56.5" 1435.1	58.0" 1473.2
15.0" x 5.0" 381 x 127	19.25	C0AA-1007-B	56.25" 1428.8	55.5" 1409.7	57.75" 1466.9	54.75" 1390.6	56.25" 1428.7
15.0" x 5.5" 381 x 139.7	20.1	C1AZ-1007-A	56.25" 1428.8	55.5" 1409.7	57.75" 1466.9	54.75" 1390.6	56.25" 1428.7
15.0" x 6.0" 381 x 152.4	21.0	C5EM-1007-7	56.75" 1441.5	56.0" 1422.4	58.25" 1479.5	55.25" 1403.3	56.75" 1441.4
15.0" x 6.5" 381 x 165.1	22.4	C5EM-1007-5	57.25" 1454.2	56.5" 1435.1	58.75" 1492.2	55.75" 1416.0	57.25" 1454.1
15.0" x 7.0" 381 x 177.8	23.75	C5EM-1007-6	57.75" 1466.9	57.0" 1447.8	59.25" 1504.9	56.25" 1428.7	57.75" 1441.4

\* The lower dimension is given in millimeters