

6366R

FORD

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

RECEIVED
FROM FORD CO.
APR 15 1963
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TEL: EL DORADO 5-0900

ACC - US (FIA)
CABLE: ACCUSFIA NEW YORK

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

FORM OF RECOGNITION IN ACCORDANCE WITH APPENDIX J TO THE INTERNATIONAL SPORTING CODE.

MANUFACTURER'S REFERENCE No. FOR

APPLICATION 6366R

F.I.A. RECOGNITION No. 1214

MANUFACTURER THE FORD MOTOR COMPANY

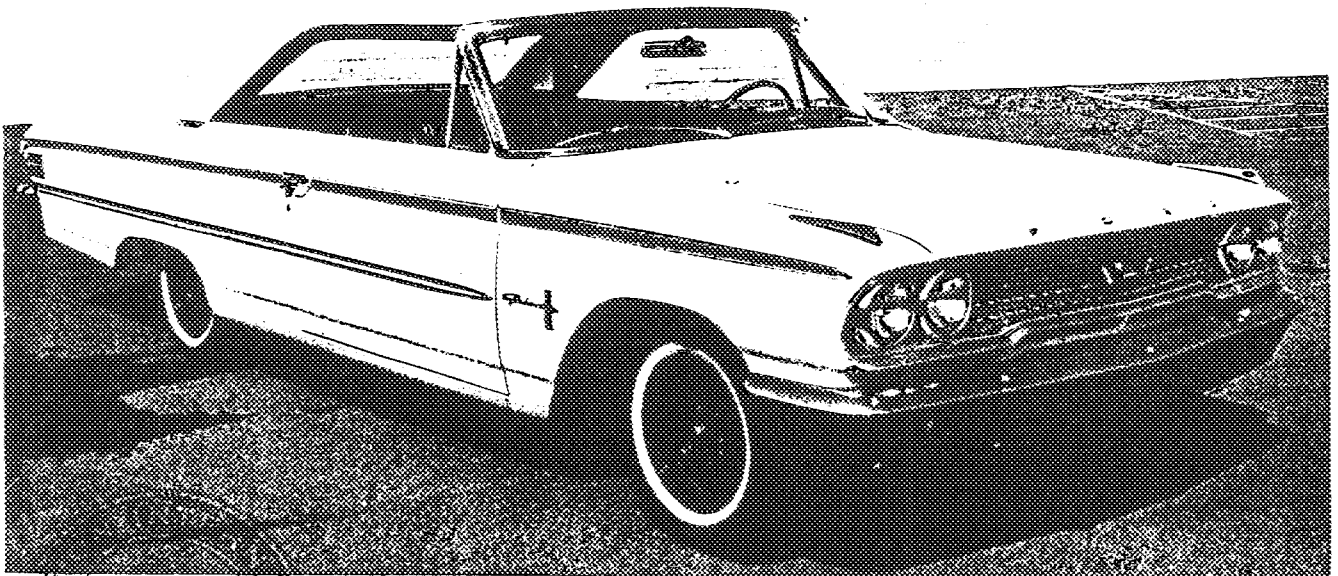
MODEL 63B, 63C YEAR OF MANUFACTURE 1963

SERIAL No. OF CHASSIS STARTS WITH 3W66R-108174

ENGINE STARTS WITH SAME

TYPE OF BODYWORK GALAXIE TWO DOOR FIVE PASSENGER HARDTOP

RECOGNITION IS VALID FROM 9/5/63 IN CATEGORY TOURING



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STAMP OF ACCUSFIA, INC.
TO BE AFFIXED HERE.

SIGNED George A. Stand
SECRETARY

ACC - US (FIA)

APR 15 1963

GENERAL DESCRIPTION OF CAR (SPECIFYING MATERIALS OF BODYWORK):

CHASSIS FRAME: STEEL, ELECTRICALLY-WELDED LADDER TYPE.

BODY SHELL: STEEL, WELDED.

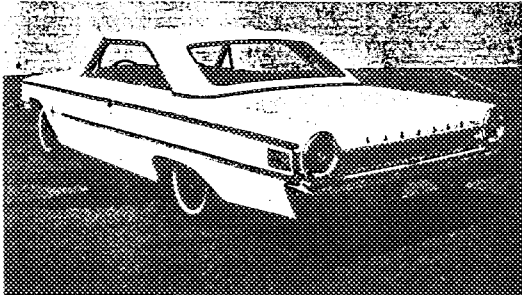
BODY PANELS: MIXED CONSTRUCTION, AS FOLLOWS:

DOORS, ENGINE HOOD, FRONT FENDERS, LUGGAGE COMPARTMENT LID--
OPTIONALLY OF FIBERGLASS-REINFORCED PLASTIC RESINS OR PRESSED
STEEL;

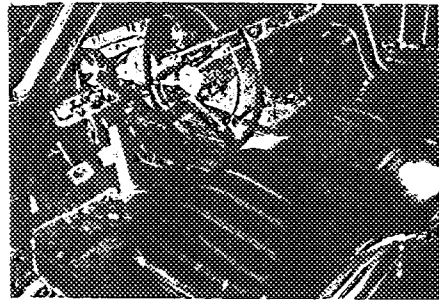
FRONT BUMPER, REAR BUMPER, BUMPER BRACKETS-- OPTIONALLY OF
ALUMINUM ALLOY OR PRESSED STEEL;

ROOF, REAR FENDERS, QUARTER PANELS, SILLS-- PRESSED STEEL;

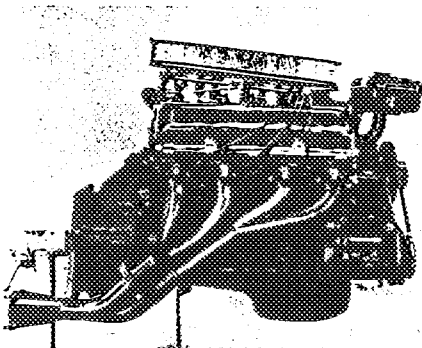
GRILLE, BRIGHTWORK, AND MISCELLANEOUS EMBELLISHMENT-- VARIOUSLY
ALUMINUM ALLOY, STAINLESS STEEL, AND PLATED STEEL.



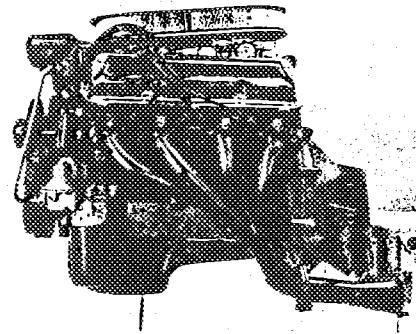
(3/4 VIEW OF CAR FROM LEFT REAR)



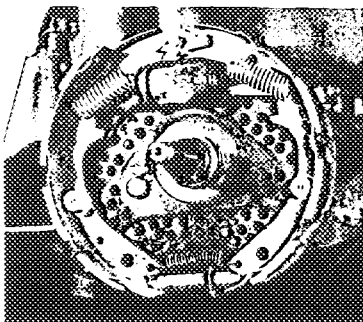
(INTERIOR VIEW OF CAR THROUGH
DRIVER'S DOOR)



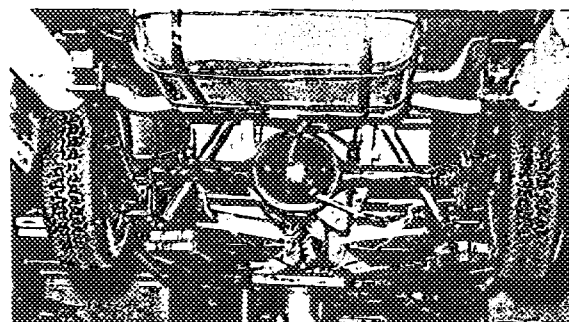
(ENGINE UNIT WITH ACCESSORIES
FROM RIGHT)



(ENGINE UNIT WITH ACCESSORIES
FROM LEFT)



(FRONT AXLE COMPLETE, WITHOUT
WHEELS)



(REAR AXLE COMPLETE, WITHOUT
WHEELS)

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ENGINE

NUMBER OF CYLINDERS 8 (EIGHT) IN V. 4 (FOUR) CYCLE. FIRING ORDER 1-5-4-2-6-3-7-8.

CAPACITY (NOMINAL) 7000 CC. BORE (NOMINAL) 107.5 MM. STROKE 96.0 MM.

MAXIMUM REBORE 107.6 MM. RESULTANT CAPACITY 7013 CC. MATERIAL OF SLEEVES NONE USED.

MATERIAL OF CYLINDER BLOCK CAST IRON. MATERIAL OF CYLINDER HEADS CAST IRON.

DISTANCE FROM CRANKSHAFT CENTER LINE TO TOP

FACE OF BLOCK AT CENTER LINE OF CYLINDERS 258.66 TO 258.73 MM.

VOLUME OF ONE COMBUSTION CHAMBER (NOMINAL) 66.8 CC MINIMUM TO 77.0 CC MAXIMUM.

COMPRESSION RATIO (NOMINAL) 12.0:1 MAXIMUM. MATERIAL OF PISTONS ALUMINUM ALLOY.

NUMBER OF PISTON RINGS 3 (THREE). DISTANCE FROM WRIST PIN CENTER LINE TO
HIGHEST POINT OF PISTON CROWN 44.8-44.9 (FLAT TOP)
(WITH KNOB TOP) 50.8-50.9 MM.

BEARINGS (CRANKSHAFT MAIN BEARINGS: TYPE COPPER-LEAD ALLOY, DIAMETER 69.81 MM.
(CONNECTING ROD BIG END: TYPE COPPER-LEAD ALLOY, DIAMETER 61.92 MM.

(FLYWHEEL 11.30 KG. (PISTON WITH RINGS 0.734 KG.
WEIGHTS (CRANKSHAFT 28.80 KG. (WRIST PIN 0.167 KG.
(CONNECTING ROD 0.776 KG.

NUMBER OF VALVES PER CYLINDER 2 (TWO). METHOD OF VALVE OPERATION PUSHROD AND ROCKER.

NUMBER OF CAMSHAFTS 1 (ONE).

LOCATION OF CAMSHAFT BETWEEN CYLINDERS.

TYPE OF CAMSHAFT DRIVE CHAIN.

DIAMETER OF VALVES: INLET 52.33-53.26 MM.

EXHAUST 41.78-42.16 MM.

DIAMETER OF PORT @ VALVE SEAT:

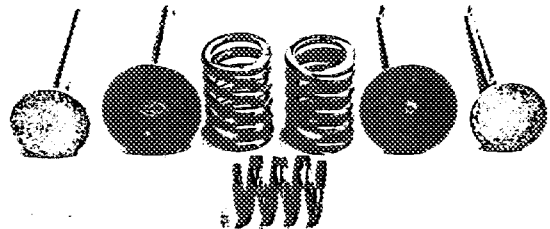
INLET 49.30-50.00 MM.

EXHAUST 38.40-39.00 MM.

APPET CLEARANCE FOR CHECKING TIMING:

INLET 0.381 MM.

EXHAUST 0.381 MM.



CAMSHAFT C3AZ-6250D

CAMSHAFT C3AZ-6250AA

VALVES OPEN: INLET 21° BTDC EXHAUST 71° BBDC. INLET 30° BTDC EXHAUST 79° BBDC.

VALVES CLOSE: INLET 70° ABDC EXHAUST 23° ATDC. INLET 80° ABDC EXHAUST 30° ATDC.

MAXIMUM VALVE LIFT: INLET 12.69 MM EXHAUST 12.69 MM. INLET 12.69 MM EXHAUST 12.69 MM.

DEGREES OF CRANKSHAFT
ROTATION - ZERO LIFT TO—

MAXIMUM LIFT: INLET 133° EXHAUST 133° . INLET 124° EXHAUST 124° .

3/4 MAX. LIFT: INLET 77° EXHAUST 77° . INLET 82° EXHAUST 82° .

VALVE SPRINGS: TYPE INLET COIL EXHAUST COIL .

NUMBER OF VALVE SPRINGS: INLET 1 (ONE) AND DAMPER EXHAUST 1 (ONE) AND DAMPER.

CARBURETOR: TYPE DOWNDRAFT FOUR-BARREL. NUMBER FITTED 2 (TWO). MAKE HOLLEY 2652.

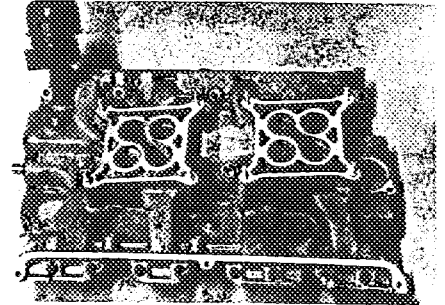
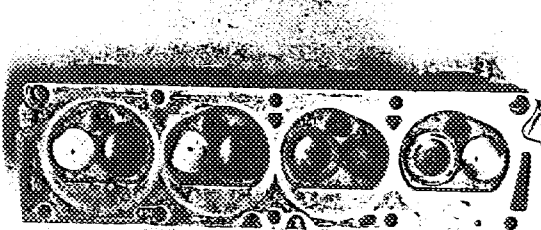
MODEL C3AE 9510 C. FLANGE HOLE DIAMETER 39.62 MM. CHOKE DIAMETER 30.0 MM.

MAIN JET IDENTIFICATION NUMBER: PRIMARY 62 SECONDARY 10 .

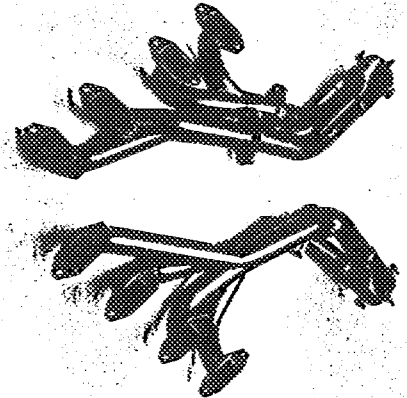
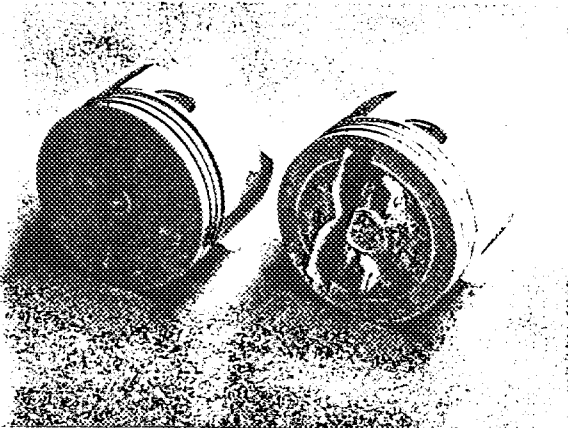
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AIR FILTER: TYPE- DRY. NUMBER FITTED- 1 (ONE).

INLET MANIFOLD: DIAMETER OF FLANGE HOLE- 39.62 MM AT CARBURETOR
35.6 x 55.9 MM AT PORT.



EXHAUST MANIFOLD: DIAMETER OF FLANGE HOLE- AT PORT 39 MM x 50 MM,
-AT CONNECTION TO MUFFLER INLET 87 MM.



ENGINE ACCESSORIES

FUEL PUMP: MAKE- CARTER OR AC. NUMBER FITTED- 1 (ONE).

METHOD OF OPERATION- MECHANICAL.

IGNITION SYSTEM: TYPE- COIL. MAKE- FOMOCO. MODEL- COAF-12127 K.

METHOD OF ADVANCE AND RETARD- CENTRIFUGAL.

IGNITION COIL: MAKE- FOMOCO. MODEL- FAC- 12029-A. NUMBER OF COILS- 1 (ONE).

VOLTAGE- 12 (TWELVE) WITH EXTERNAL RESISTOR OF 1.4-1.5 OHMS IN CIRCUIT.

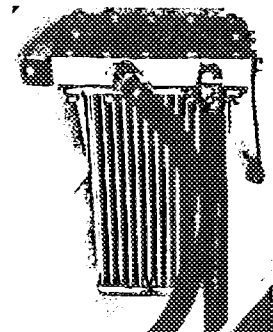
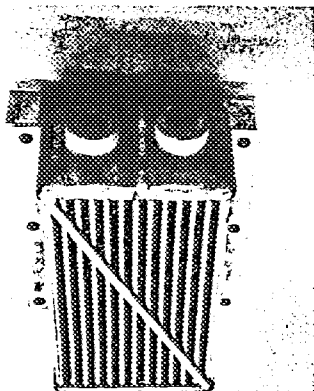
GENERATOR: MAKE- FOMOCO. MODEL- C3AZ-10000-E. VOLTAGE- 15 (FIFTEEN).

MAXIMUM OUTPUT- 30 (THIRTY) AMPERES.

STARTER MOTOR: MAKE- FOMOCO. MODEL- C3AF-11001-A.

BATTERY: NUMBER FITTED- 1 (ONE). VOLTAGE- 12 (TWELVE). CAPACITY- 70 AMPERE HOURS.

OIL COOLER: TYPE- AIR-FLOW HEAT-REJECTION. CAPACITY 1.31 LITERS.



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TRANSMISSION

CLUTCH: MAKE- LONG, TYPE- DRY PLATE, DIAMETER OF PLATE- 279,40 MM.

NUMBER OF PLATES- 1 (ONE), METHOD OF OPERATION- FOOT PEDAL CONTROL.

GEARBOX: MAKE- BOFG-WARNER, TYPE- HELICAL GEAR-SYNCHROMESH,

LOCATION OF GEARSHIFT- FLOOR, METHOD OF OPERATION- HAND LEVER CONTROL,

IS OVERDRIVE FITTED?- NO.

GEARBOX RATIOS

SPEED	STANDARD		ALTERNATIVES							
	RATIO	# TEETH	RATIO	# TEETH	RATIO	# TEETH	RATIO	# TEETH	RATIO	# TEETH
1ST	2,36:1	36-17	2,20:1	36-17	2,36:1	36-17	2,54:1	36-17	2,72:1	36-17
2ND	1,66:1	29-20	1,66:1	30-19	1,76:1	32-20	1,92:1	32-20	2,07:1	32-20
3RD	1,23:1	27-25	1,31:1	29-23	1,41:1	29-23	1,52:1	29-23	1,51:1	29-23
4TH	1,00:1	26-29	1,00:1	27-29	1,00:1	---	1,00:1	---	1,00:1	---
R	2,42:1	---	2,26:1	---	2,42:1	---	2,61:1	---	2,31:1	---

FINAL DRIVE

TYPE- HOTCHKISS, RATIO- 3,50:1 (10/35 PINION AND RING TEETH).

IS OIL COOLER FITTED?- YES, TYPE- AIR FLOW HEAT-REJECTION, WITH PUMP, (ROTARY PUMP STD., PISTON-TYPE ALT.)

CAPACITY OF COOLER- 1,31 LITERS.

ALTERNATIVES:	RATIO	3,00	3,10	3,22	3,40	3,80	4,11	4,29	4,44	4,57
# TEETH PINION		13	10	9	10	10	9	7	9	7
# TEETH RING		39	31	29	34	38	37	30	40	32

WHEELS

TYPE- STEEL DISC, WEIGHT- 13,6 KG, METHOD OF ATTACHMENT- 5 STUDS ON 127 MM BOLT CIRCLE,

RIM DIAMETER- 381 MM, RIM WIDTH 177,8 MM, TIRE SIZE- FRONT 8,00-8,20x15; 7,10-7,60x15,

REAR 8,00-8,20x15; 7,10-7,60x15.

BRAKES

METHOD OF OPERATION- HYDRAULIC, IS SERVO ASSISTANCE FITTED?- YES, TYPE SERVO- VACUUM,

NUMBER OF HYDRAULIC MASTER CYLINDERS- 1 (ONE), BORE- 27,78 MM, SINGLE CIRCUIT TYPE,

25,40 MM, DOUBLE CIRCUIT TYPE.

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	<u>METALLIC LINING</u>		<u>COMPOSITION LINING</u>	
	<u>FRONT</u>	<u>REAR</u>	<u>FRONT</u>	<u>REAR</u>
NUMBER OF WHEEL CYLINDERS	<u>2 (TWO)</u>	<u>2 (TWO)</u>	<u>2 (TWO)</u>	<u>2 (TWO)</u>
BORE OF WHEEL CYLINDERS	<u>27.5 MM</u>	<u>19.05 MM</u>	<u>27.5 MM</u>	<u>19.05 MM</u>
INSIDE DIAMETER OF BRAKE DRUMS	<u>280.1 MM</u>	<u>280.1 MM</u>	<u>280.1 MM</u>	<u>280.1 MM</u>
NUMBER OF SHOES PER BRAKE	<u>2 (TWO)</u>	<u>2 (TWO)</u>	<u>2 (TWO)</u>	<u>2 (TWO)</u>
NUMBER OF PADS- PRIMARY SHOE	<u>3 (THREE)</u>	<u>3 (THREE)</u>	<u>1 (ONE)</u>	<u>1 (ONE)</u>
NUMBER OF PADS- SECONDARY SHOE	<u>4 (FOUR)</u>	<u>4 (FOUR)</u>	<u>1 (ONE)</u>	<u>1 (ONE)</u>
NUMBER OF LINING PADS PER BRAKE	<u>7 (SEVEN)</u>	<u>7 (SEVEN)</u>	<u>2 (TWO)</u>	<u>2 (TWO)</u>

DIMENSIONS OF BRAKE LININGS PER SHOE OR PAD:

	<u>FRONT</u>	<u>REAR</u>	<u>FRONT</u>	<u>REAR</u>
LENGTH OF PAD	<u>58 MM</u>	<u>58 MM</u>	<u>315 MM</u>	<u>320 MM</u>
WIDTH OF PAD	<u>78 MM</u>	<u>65 MM</u>	<u>78 MM</u>	<u>66 MM</u>
LINING AREA PER PAD	<u>4524 MM²</u>	<u>3770 MM²</u>	<u>24570 MM²</u>	<u>21120 MM²</u>
TOTAL LINING AREA PER BRAKE	<u>31668 MM²</u>	<u>26390 MM²</u>	<u>49140 MM²</u>	<u>42240 MM²</u>

USPENSION

	<u>FRONT</u>	<u>REAR</u>
TYPE	<u>INDEPENDENT</u>	<u>SEMI-ELLIPTIC</u>
TYPE OF SPRING	<u>COIL</u>	<u>LEAF</u>
IS STABILIZER FITTED?	<u>YES</u>	<u>NO</u>
TYPE OF SHOCK ABSORBER	<u>TUBULAR HYDRAULIC</u>	<u>TUBULAR HYDRAULIC</u>
NUMBER OF SHOCK ABSORBERS	<u>4 (FOUR)</u>	<u>4 (FOUR)</u>

STEERING

TYPE OF STEERING GEAR- RECIRCULATING BALL AND NUT. TURNING CIRCLE OF CAR- 12.53 M.
 NUMBER OF TURNS OF STEERING WHEEL, LOCK TO LOCK- 3.5 STANDARD. ALTERNATIVES- 5.0

CAPACITIES AND DIMENSIONS

FUEL TANK- 155.5 LITERS. SUMP- 7.6 LITERS. RADIATOR- 18.5 LITERS, 19.4 WITH HEATER.
 OVERALL LENGTH OF CAR- 520.9 CM. OVERALL WIDTH- 202.9 CM. HEIGHT (UNLADEN)- 141.0 CM.
 WIDTH OF WINDSHIELD- 154.0 CM. MAXIMUM; 141.0 CM. MINIMUM.
 INTERIOR WIDTH OF CAR (MEASURED AT THE IMMEDIATE REAR OF THE STEERING WHEEL, THE WIDTH QUOTED BEING MAINTAINED IN A VERTICAL PLANE OF NOT LESS THAN 25 CM.)- 154.8 CM.
 DISTANCE FROM FLOOR TO TOP OF WINDSHIELD- TO HIGHEST POINT- 100 CM.; TO LOWEST 97 CM.
 NUMBER OF SEATS: 63 B, 6 (SIX), BENCH SEAT FRONT, BENCH SEAT REAR,
 63 C, 5 (FIVE), 2 (TWO) FRONT BUCKETS, BENCH SEAT REAR,
 TRACK: FRONT- 160.02 CM., REAR 157.5 CM.
 WHEELBASE- 302.26 CM.
 GROUND CLEARANCE (NOMINAL)- 178 MM.
 OVERALL WEIGHT WITH WATER, OIL, AND SPARE WHEEL, BUT WITHOUT FUEL- 1589.0 KG.

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NOT APPLICABLE, PERTAINS TO TWO-CYCLE ENGINES

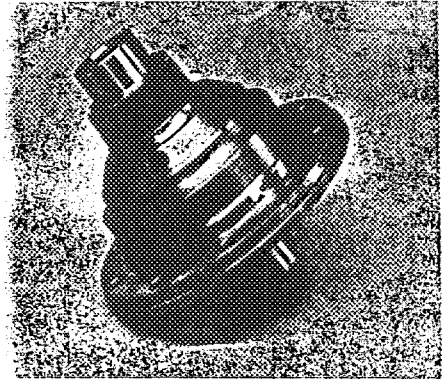
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OPTIONAL EQUIPMENT AFFECTING PRECEEDING INFORMATION

THE FOLLOWING COMPONENTS ARE AVAILABLE THROUGH FORD DEALERS IN THE UNITED STATES, AND ARE RECOMMENDED FOR INSTALLATION WHERE SPECIAL LIGHT-DUTY OR HEAVY-DUTY SERVICE APPLICATION OF THE BASIC VEHICLE IS EXPECTED.

OPTIONAL AXLE RATIOS

RATIO	NUMBER OF GEAR TEETH		PART NUMBER
	RING	PINION	
2.91:1	32	11	B8E-4209-A
4.71:1	33	7	WAB-4209-G
4.86:1	34	7	WAB-4209-F
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	CIAW-4209-E



OPTIONAL DIFFERENTIAL

LIMITED-SLIP DIFFERENTIAL FOR ALL STANDARD AND OPTIONAL AXLE GEAR RATIOS.

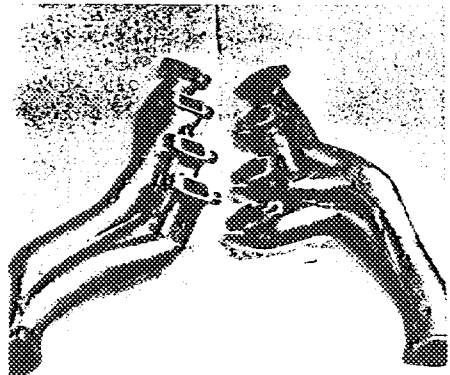
OPTIONAL GEARBOXES

3 SPEEDS FORWARD, 1 REVERSE, FLOOR SHIFT, RATIOS- 2.32, 1.54, 1.00, R. 2.23:1.

3 SPEEDS FORWARD, 1 REVERSE, FLOOR SHIFT, OVERDRIVE FITTED. RATIOS- 2.49, 1.59, 1.00, 0.72, R. 3.15:1.

OPTIONAL CHASSIS EQUIPMENT

20 GALLON FUEL TANK (CAPACITY 75.70 LITERS).
 24 GALLON FUEL TANK (CAPACITY 90.84 LITERS).



OPTIONAL ENGINE EQUIPMENT

5 BLADE COOLING FAN
 4 BLADE UNEVEN COOLING FAN, DIAMETER 47.0 CM.
 4 BLADE UNEVEN COOLING FAN, DIAMETER 35.6 CM.
 FAN DRIVE CLUTCH AND SPACER

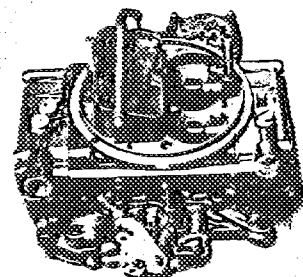
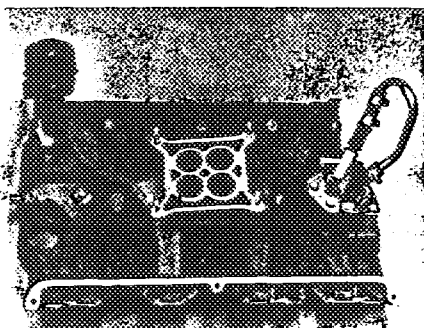
LIGHT DUTY RADIATOR WITH OPTIONAL FIN DESIGN
 TACHOMETER

TRANSISTORIZED IGNITION SYSTEM, FOMOCO.

TACHOMETER

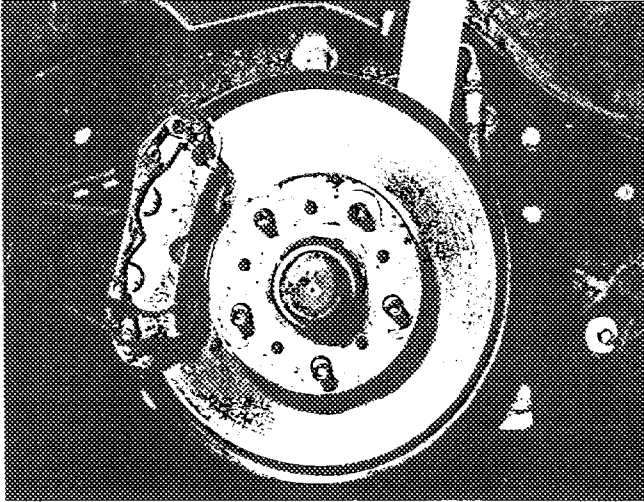
EXHAUST MANIFOLDS, CAST IRON- FLANGE HOLE @ PORT 38.5 x 49.8 MM; @ CONNECTION TO MUFFLER OUTLET, DIAMETER 63.5 MM.

INLET MANIFOLD, 4V. FLANGE HOLE @ CARBURETOR 44.19 MM.
 FLANGE HOLE @ CYLINDER-HEAD PORT 29 x 58 MM.



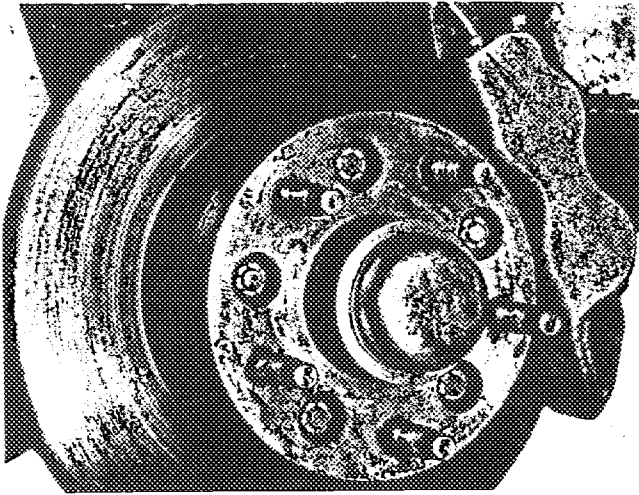
CARBURETOR, 1 (ONE) 4V. MAKE- HOLLEY. TYPE- 4 (FOUR) CHOKE DOWNDRAFT.
 MAIN JET IDENTIFICATION NUMBER, PRIMARY- 67; SECONDARY, 77. FLANGE HOLE
 DIAMETER- 42.926 MM. PART NUMBER- C3AZ-9510-K.

OPTIONAL EQUIPMENT AFFECTING PROCEEDING INFORMATION



NUMBER OF WHEEL CYLINDERS - INBOARD -		ONE (1)
OUTBOARD -		TWO (2)
BORE OF WHEEL CYLINDERS INBOARD -	2.25 IN.	57.15 MM
OUTBOARD -	1.59 IN.	40.38 MM
OUTSIDE DIAMETER OF BRAKE DISC	10.875 IN.	276.22 MM
NO. OF PADS PER BRAKE		TWO (2)
PAD SIZE - SQ. IN.	7.25/PAD	46.77 MM
TOTAL PAD AREA PER BRAKE - SQ. IN.	14.50	93.55 MM

OPTIONAL EQUIPMENT AFFECTING PROCEEDING INFORMATION



NUMBER OF WHEEL CYLINDERS - INBOARD -		ONE (1)
OUTBOARD -		TWO (2)
BORE OF WHEEL CYLINDERS	INBOARD -	2.25 IN. 57.15 MM
	OUTBOARD -	1.59 IN. 40.38 MM
OUTSIDE DIAMETER OF BRAKE DISC		10.875 IN. 276.22 MM
NO. OF PADS PER BRAKE		TWO (2)
PAD SIZE - SQ. IN.	7.25/PAD	46.77 MM
TOTAL PAD AREA PER BRAKE - SQ. IN.	14.50	93.55 MM

HOMOLOGATED RECORD

RE: 1963 Ford Galaxie Hardtop
 Manufacturer's Reference No. for Application 6366R
 Model 63B, 63C
 Fia Recognition No. 1214 valid from May 9, 1963: Touring
 Category

SUBJECT: Revision No. 1-August 12, 1963
 Page 9 of the Homologation form is replaced herewith in
 order to show with greater clarity the details of the hub
 construction. All dimensions and areas remain unchanged
 from the original Page 9 of the Homologation form.

George C. Rand
 ACCUS-FIA, Inc.
 107 East 38th St.
 New York 16, N.Y.

FORD DIVISION

Ford Motor Company

ROTUNDA DRIVE AT SOUTHFIELD ROAD
P O BOX 658
DEARBORN, MICHIGAN

GENERAL MARKETING OFFICE

Name of Manufacturer - Ford Motor Company
Name of Model - Galaxie 2 Dr. Five Passenger Hardtop
Manufacturers Reference
No. of Application - 6366R

RECEIVED
APR 15 1963
ALBERT
ACC - US (FIA)

We certify that in excess of 1,000 cars identical with the basic specifications or as modified by the optional equipment listed on pages eight and nine were completed prior to December 15, 1962. Production commenced on November 27, 1962. Cars conforming to this specification may be identified by Chassis Nos. 3W66R-108174. Engine Nos. - Same.

George F. Merwin
George F. Merwin
Competitions Manager

Jacques H. Passino
Jacques H. Passino
Special Projects Manager

AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES FIA, INC.

515 MADISON AVENUE
NEW YORK 22, N. Y.

George E. Standa

APR 15 1963