

1965 FORD

Thunderbird

SHOP MANUAL



1965

THUNDERBIRD

SHOP MANUAL

SERVICE DEPARTMENT
FORD DIVISION
 MOTOR COMPANY

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GROUP INDEX

VEHICLE IDENTIFICATION	1
BRAKES	2
SUSPENSION - STEERING - WHEELS & TIRES	3
REAR AXLE	4
CLUTCH - DRIVELINE	5
MANUAL TRANSMISSION (Not Applicable)	6
AUTOMATIC TRANSMISSION	7
ENGINE	8
IGNITION SYSTEM	9
FUEL SYSTEM	10
COOLING SYSTEM	11
EXHAUST SYSTEM	12
CHARGING SYSTEM	13
STARTING SYSTEM	14
LIGHTS, WIRING, ETC.	15
VENTILATING - HEATING - AIR / COND. - RADIO	16
BODY - FITS, SEATS, ETC.	17
SOFT TRIM - CONVERTIBLE TOP	18
MAINTENANCE SCHEDULE	19
MAINTENANCE OPERATIONS	20
LUBRICATION CHARTS	21
INDEX	22

SPECIFICATIONS AND SPECIAL SERVICE TOOLS
AT END OF EACH GROUP

FOREWORD

This shop manual provides the Service Technician with complete information for the proper servicing of the 1965 Thunderbird.

The information is grouped according to the type of work being performed, such as diagnosis and testing, frequently performed adjustments and repairs, in-vehicle adjustments, overhaul, etc. Specifications and recommended special tools are included.

Refer to the opposite page for important vehicle identification data.

The descriptions and specifications in this manual were in effect at the time this manual was approved for printing. The Ford Motor Company reserves the right to discontinue models at any time, or change specifications or design, without notice and without incurring obligation.

**SERVICE DEPARTMENT
FORD MOTOR COMPANY**

VEHICLE IDENTIFICATION

GROUP 1

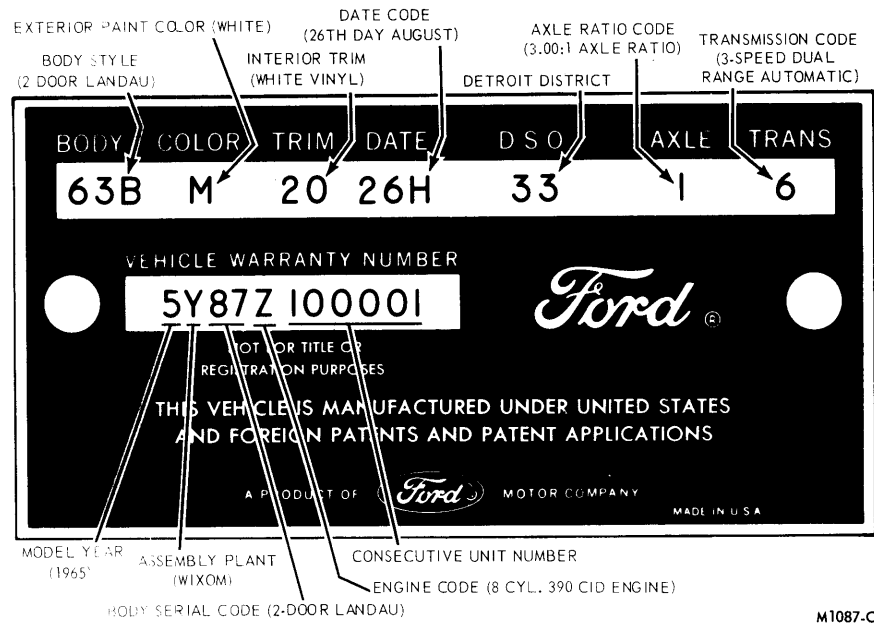


Fig. 1—Thunderbird Warranty Plate

Figure 1 illustrates a Thunderbird Warranty plate. The warranty plate is attached to the rear (lock) face of the left door. The official Vehicle Identification Number for title and registration purposes is stamped on the hood support top surface to the right of the hood lock plate (Fig. 2). Do not use the Vehicle Warranty Number which appears on the warranty plate for title or registration purposes.

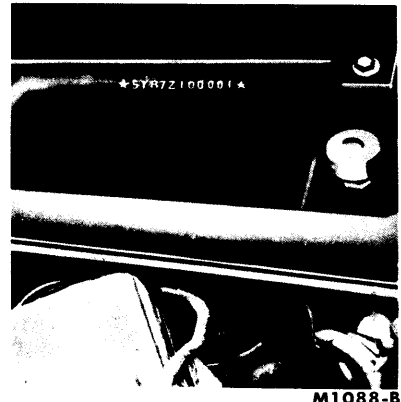


Fig. 2—Vehicle Identification Number Location

VEHICLE DATA

The vehicle data appears in a line across the top of the warranty plate (Fig. 1). The first two letters and a number identify the Body Style. The following one or two letters identify the Exterior Paint Color. The next code consisting of two numbers, or a letter and a number, identifies the Interior Trim. The Date Code showing the date the car was manufactured, follows the Trim Code and consists of two numbers and a letter. The next code gives the district in which the car was ordered and consists of two numbers. The next to the last code is the Axle Ratio Code and is designated by a number for

a conventional axle or a letter for an Equa-Lock axle. The last code in the vehicle data is the Transmission Code and consists of one number. The charts that follow, list in detail the various vehicle data codes.

VEHICLE WARRANTY NUMBER

The vehicle warranty number is the second line of numbers and letters appearing on the Warranty Plate (Fig. 1). The first number indicates the model year. The letter following the model year indicates the assembly plant at which the car was manufactured. The next two numbers designate the Body Serial Code. The letter following the Body Serial Code designates the Engine Code. The remaining numbers indicate the Consecutive Unit Number. The charts that follow, list the various Vehicle Warranty Number codes.

BODY SERIAL AND STYLE CODES

The two-digit numeral which follows the assembly plant code identifies the body series. This two-digit number is used in conjunction with the Body Style Code in the Vehicle Data, which consists of a two-digit number with a letter suffix. The following chart lists the Body Serial codes, Body Style codes and the body type.

Body Serial Code	Body Style Code	Body Type
81	63D	2-Door Landau Special
83	63A	2-Door Hardtop
85	76A	Convertible
87	63B	2-Door Landau

EXTERIOR PAINT COLOR CODES

Code	M-32-J Number	Color
A	1724-A	Black
B	1450-A	Dk. Turq. Met.
C	1736-A	Med. Ivy Gold Met.
E	1446-A	Med. Silver Mink Met.
F	1226-A	Lt. Blue
G	1743-A	Lt. Ivy Gold

M1087-C

M1088-B

EXTERIOR PAINT COLOR CODES (Continued)

H	1544-A	Dk. Blue Met.
J	1515-A	Red
M	1619-A	White
N	921-A	Platinum
P	1738-A	Palomino Met.
Q	1624-A	Med. Blue Met.
R	1879-A	Dk. Ivy Green Met.
S	1744-A	Dk. Grey Met.
T	1631-A	Lt. Beige
U	1070-A	Med. Turq. Met.
W	1555-A	Rose Beige Met.
X	1632-A	Maroon Met.
Z	1630-A	Med. Beige Met.
4	1734-A	Lt. Aqua

INTERIOR TRIM CODES

Code	Trim Schemes
11	Silver Mink Cloth and Vinyl
41	Silver Mink (W/Headrest) Cloth and Vinyl
12	Blue Cloth and Vinyl
42	Blue (W/Headrest) Cloth and Vinyl
16	Black Cloth and Vinyl
46	Black (W/Headrest) Cloth and Vinyl
19	Palomino Cloth and Vinyl
49	Palomino (W/Headrest) Cloth and Vinyl
20	White Vinyl
50	White (W/Headrest) Vinyl
21	Lt. Silver Mink Met. Vinyl
51	Lt. Silver Mink Met. (W/Headrest) Vinyl
22	Lt. Blue Met. Vinyl
52	Lt. Blue Met. (W/Headrest) Vinyl
24	Lt. Beige Met. Vinyl
54	Lt. Beige Met. (W/Headrest) Vinyl
25	Red Vinyl
55	Red (W/Headrest) Vinyl
26	Black Vinyl
56	Black (W/Headrest) Vinyl
27	Lt. Aqua Metallic Vinyl
57	Lt. Aqua Metallic (W/Headrest) Vinyl
28	Lt. Gold Metallic (W/Headrest) Vinyl
29	Med. Palomino Vinyl
59	Med. Palomino (W/Headrest) Vinyl
30	White Pearl Leather
60	White Pearl (W/Headrest) Leather
32	Lt. Blue (Low Met.) Leather
62	Lt. Blue (Low Met.) (W/Headrest) Leather
33	Burgundy Leather
63	Burgundy (W/Headrest) Leather
35	Red Leather
65	Red (W/Headrest) Leather
36	Black Leather
66	Black (W/Headrest) Leather
39	Med. Palomino (Leather Print) Leather
69	Med. Palomino (Leather Print) (W/Headrest) Leather

DATE CODES

The code letters for the month are preceded by a numeral to show the day of the month when the Thunderbird was completed. The second year code letters are to be used if model production exceeds 12 months.

Month	First Model Year	Second Model Year
January	A	N
February	B	P
March	C	Q
April	D	R
May	E	S
June	F	T
July	G	U
August	H	V
September	J	W
October	K	X
November	L	Y
December	M	Z

DISTRICT CODES (DSO)

Thunderbirds built to a Domestic Special Order, Foreign Special Order, or Pre-Approved Order have the complete order number recorded in this space. Also appearing in this space is the two digit code number of the District which ordered the unit. If the unit is regular production, only the District code number will appear.

Code	District	Code	District
11	Boston	45	Davenport
12	Buffalo	51	Denver
13	New York	52	Des Moines
14	Pittsburgh	53	Kansas City
15	Newark	54	Omaha
21	Atlanta	55	St. Louis
22	Charlotte	61	Dallas
23	Philadelphia	62	Houston
24	Jacksonville	63	Memphis
25	Richmond	64	New Orleans
26	Washington	65	Oklahoma City
31	Cincinnati	71	Los Angeles
32	Cleveland	72	San Jose
33	Detroit	73	Salt Lake City
34	Indianapolis	74	Seattle
35	Lansing	81	Ford of Canada
36	Louisville	83	Government
41	Chicago	84	Home Office Reserve
42	Fargo	85	American Red Cross
43	Rockford	89	Transportation Services
44	Twin Cities	90-99	Export

REAR AXLE RATIO CODE

Code	Ratio
1	3.00:1

TRANSMISSION CODE

Code	Type
6	3-Speed Dual Range Automatic

MODEL YEAR

The number 5 designates 1965

ASSEMBLY PLANT CODES

Code Letter	Assembly Plant	Code Letter	Assembly Plant
A	Atlanta	N	Norfolk
D	Dallas	P	Twin Cities
E	Mahwah	R	San Jose
G	Chicago	S	Pilot Plant
H	Lorain	T	Metuchen
J	Los Angeles	U	Louisville
K	Kansas City	W	Wayne
L	Michigan Truck	Y	Wixom
		Z	St. Louis

ENGINE CODES

Code	Type
Z	8 Cylinder 390 Cubic Inch (4 barrel)
9	8 Cylinder 390 Cubic Inch (4 barrel Low Compression)

CONSECUTIVE UNIT NUMBER

The assembly plant, with each model year, begins with consecutive unit number 100001 and continues on for each unit built.