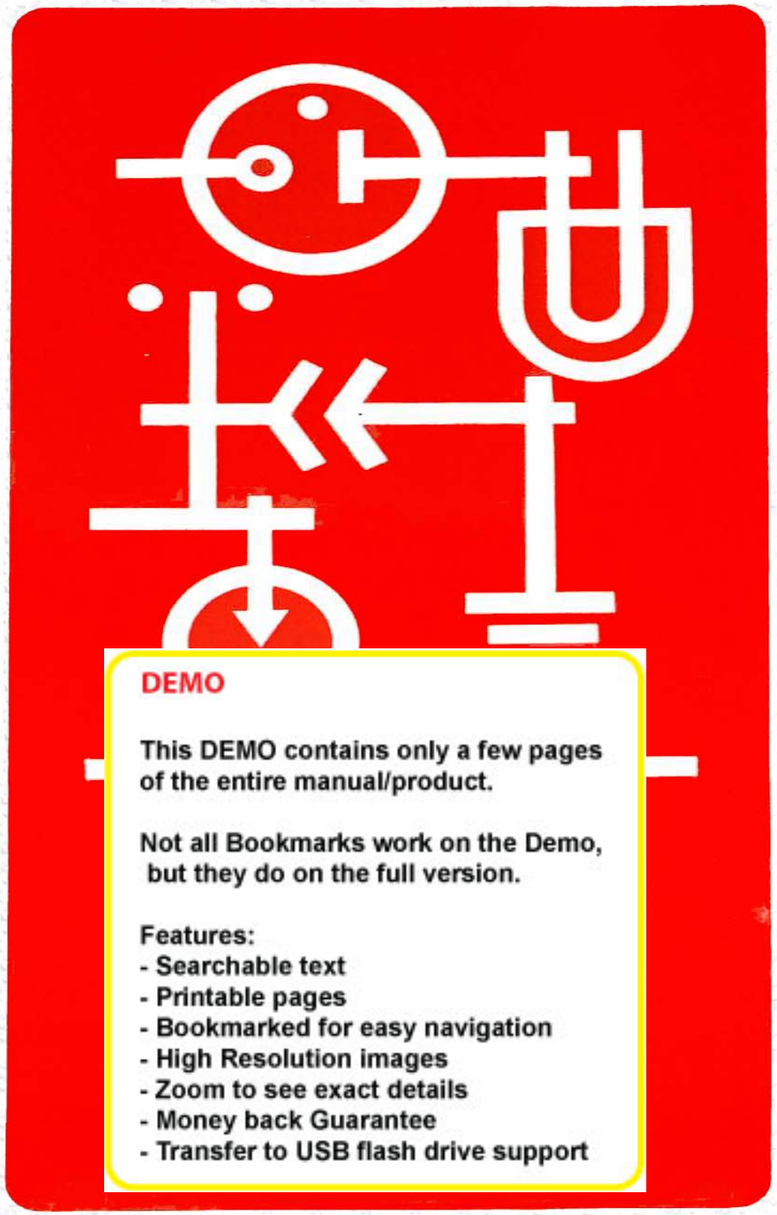
COURSE 0337-101



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- Printable pages
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1977 Truck Wiring Diagrams

100-800 Series

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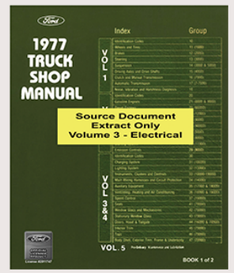
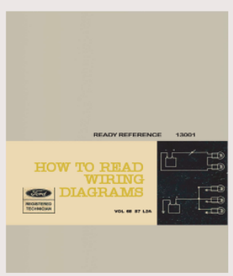
- 1977 Ford Truck Shop Manual - Volume 3 Electrical
- 1973/79 Truck Master Parts and Accessories Catalog (Sections 103/145 and 130/145)
- How to Read Wiring Diagrams





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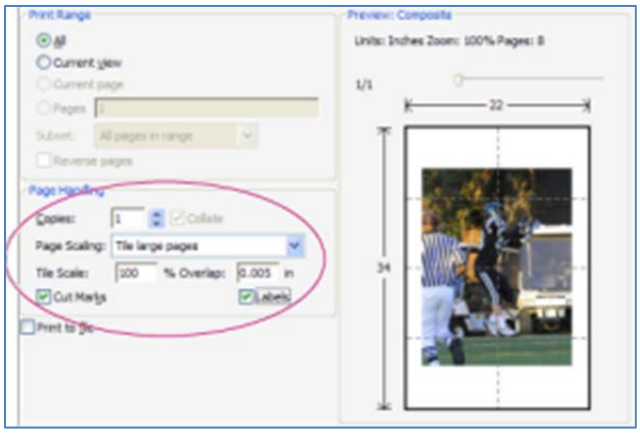
How to Print Wiring Diagram Pages

Many of the original Ford wiring manuals were created in a very large format (11x17, 17x24, and 17x36) making it difficult to print on a standard home printer. Some printers will print only a portion of the entire page, while others will shrink the page into an unreadable format. However, Adobe Reader has the ability to print sections (known as Tiles) of the page onto standard 8.5x11 paper. Please use the steps below to print these wiring diagrams.

You can print a large format document, such as these wiring diagrams, by splitting the page across multiple sheets of paper (called "tiling"). The tiling option calculates how many sheets of paper are needed. You can adjust the size of the original to best fit the paper and specify how much each "tile" overlaps. You can then piece together the tiles.

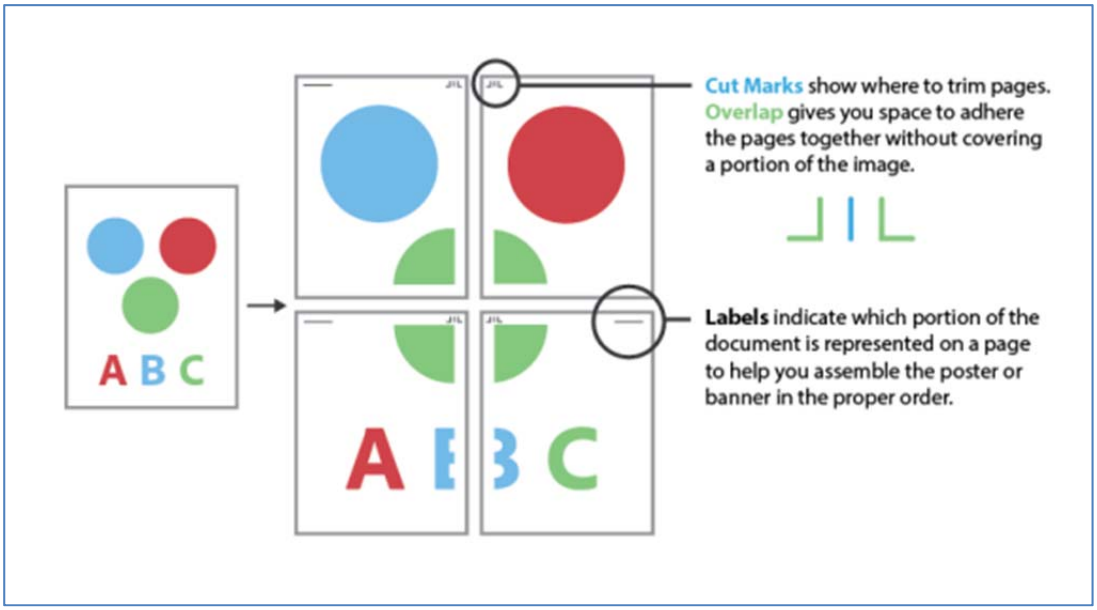
1. Choose File > Print.
2. From the Page Scaling pop-up menu, select one of the following options:
   Tile Large Pages Tile only the pages that are larger than the paper.
   Tile All Pages Tile all the pages in the PDF file.



Note: If the tile options are not in the menu, make sure that the following options are not selected in the Advanced Print dialog box: Print As Image or, for Acrobat only, Separations or In-RIP Separations. Also check your version of Reader. Reader 9 does not support tiling.

3. Set the following options as needed:
   Tile Scale Scales the pages by the amount you specify.
   Overlap Determines the amount each tile overlaps adjacent tiles.
   Cut Marks Adds guide marks to each page to help you trim the overlap.
   Labels Adds the filename and page number on each "tile".

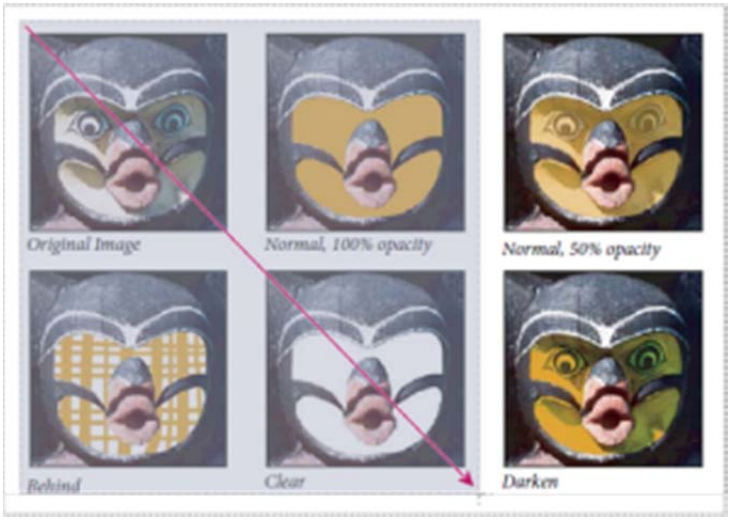
4. Click OK or Print.

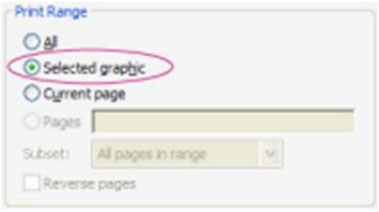


How to Print a Portion of a Wiring Diagram

You can print a portion of a page in a PDF. The Snapshot Tool lets you select just the area you want to print. The area can be text, graphics, or both. You can print the selected area full size or resize it to fit the paper.

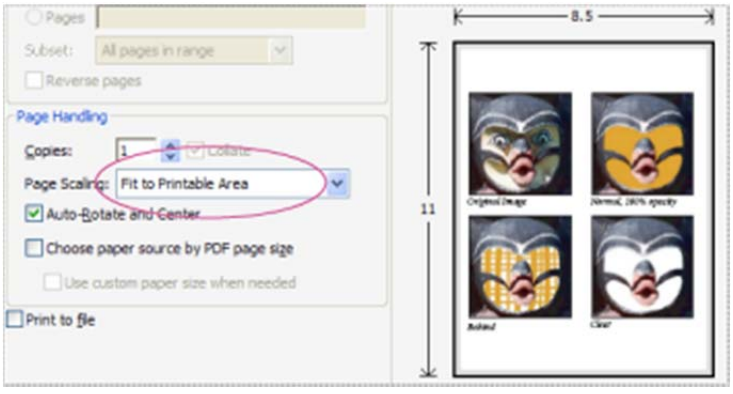
1. Open the PDF in Adobe Reader or Adobe Acrobat.
2. (Acrobat X/Reader X) Choose Edit > Take A Snapshot. (Acrobat 9/Reader 9) Choose Tools > Select & Zoom > Snapshot Tool.
3. Drag a rectangle around the area you want to print.
4. Choose File > Print.
5. Make sure that the **Selected Graphic** option is selected in the Print Range area of the Print dialog box.





6. (Optional) To enlarge the selected text or graphic to fit the sheet of paper, choose Fit To Printable Area from the Page Scaling pop-up menu.

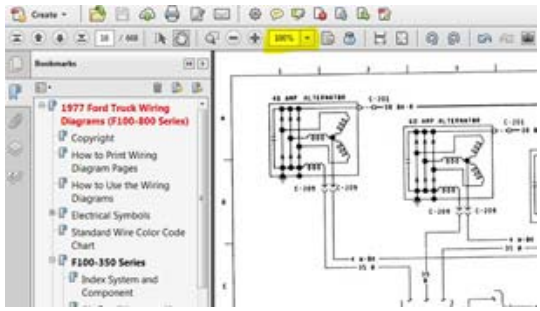
Note: Enlarging the area reduces the printed resolution.



7. Click OK or Print.

How to Print a Portion of a Wiring Diagram

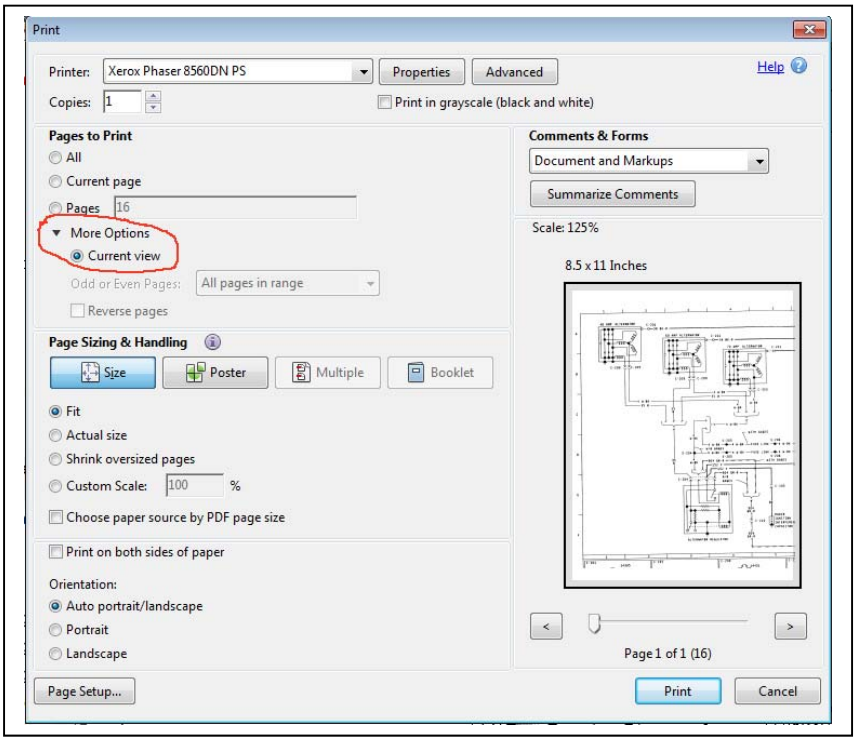
Print Current View



You can print just the current zoom-in view of a page in a PDF. The print ***Current View*** lets you print just the current view seen on the screen. The area can be text, graphics, or both. You can print the selected area full size or resize it to fit the paper.

1. Open the PDF in Adobe Reader or Adobe Acrobat.
2. Zoom into the portion of the diagram you want to print.
3. Choose File > Print.
4. Make sure the **Current View** option is selected in the Pages to Print area of the Print dialog box.

   Note – To select Current view, you may need to click the “More Options” dropdown.



5. (Optional) To enlarge the selected text or graphic to fit the sheet of paper, choose Fit To Printable Area from the Page Scaling pop-up menu.

Note: Enlarging the area reduces the printed resolution.

6. Click OK or Print.

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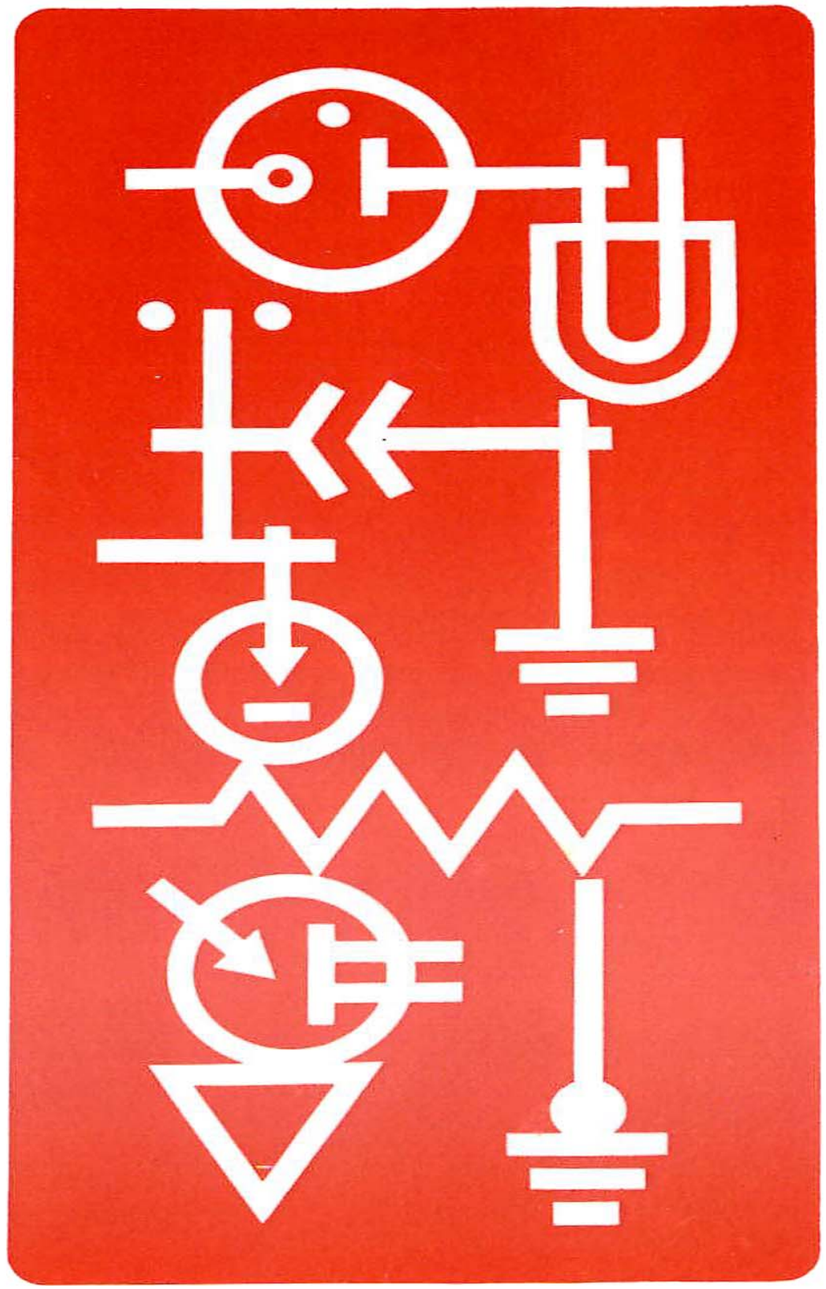

100-800 Series

1977 Truck Wiring Diagrams

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1977 TRUCK WIRING DIAGRAMS

- Bronco
- Courier
- Econoline
- P-Series
- F-100-350 Series
- F-600-800 Series
- B-600-800 Series
- C-Series
- W-Series
- L-Series - Line Haul
- L-Series - City Delivery

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HOW TO USE THE WIRING DIAGRAMS

INDEX

An INDEX is provided behind the divider for each truck series. The index page contains an alphabetically arranged list of systems and components and a bulb usage list. The index lists the location of the components on the drawing. Examples of the two types of index references are shown:

A. To locate an electrical part at D-49, find the location number 49 at the top of the illustration. Then, find the letter D on the side of the illustration. Follow the number and the letter until the lines intersect. The part will be within an inch or two of the intersection.

B. To locate an electrical part at PG3-D10, turn to page 3 as indicated in the lower right corner of the sheet. Then, find the number 10 at the top of the illustration and the letter D on the side of the illustration. Follow the number and the letter until the lines intersect. The part will be within an inch or two of the intersecting lines.

BASIC INFORMATION

Generally, the power supply for all components on this drawing comes from the top of the page and over to the battery at the left.

The ground for each component is always toward the bottom of the drawing that are explained as follows:

- Ground symbols are shown in Figure 1. A ground wire connected away from the component is indentified by a code G1 or G2, etc. The location of the remote ground is listed in the GROUND CODES chart and the bottom of the page.

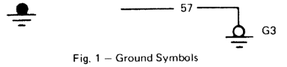


Fig. 1 – Ground Symbols

- Wire color code is shown in Figure 2. Wire color codes (by color) are listed on page 5.

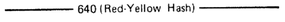


Fig. 2 – Wire Color Code

If a vehicle specific wire color in a connector does not match the diagram shown, it can usually be identified by comparing the other colors shown at the wire connectors. Specific wire color deviations in the manufacturing of a wire harness are usually for a short duration.

- Harness number is shown in Figure 3. The 5 or 6 digit number near the wire indicates the wire harness basic part number.

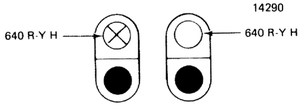


Fig. 3 – Harness Number

- Wire connector identification code is shown in Figure 4. The key for the connector codes is located at the bottom of the wiring diagram.

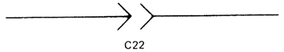


Fig. 4 – Wire Connector Code

- Male connector symbol is illustrated in Figure 5. The symbol used for the diagram and chart is shown.

Fig. 5 – Male Connector Codes

- Female connector symbol is shown in Figure 6.

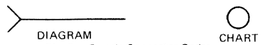


Fig. 6 – Female Connector Codes

- Splice is shown in Figure 7. A splice is a common point where two wires are joined together. Location of splice is at bottom of schematic page.

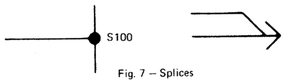


Fig. 7 – Splices

- Heavy lines for the wires indicate a direct to battery feed.
- Heavy dashed lines indicate an ignition switch accessory feed.

Electrical symbols used in the schematics are illustrated and described below and on the next page.

ELECTRICAL SYMBOLS

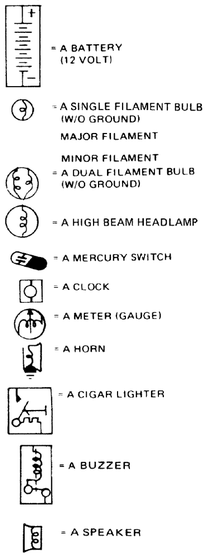
BASIC SYMBOLS

- = A TERMINAL CONNECTION
- = A FEMALE TERMINAL
- = A MALE TERMINAL
- = A GRAPHIC FEMALE ROUND TERMINAL. AND/OR A SWITCH CONTACT. AND/OR A STUD ON A COMPONENT.
- = A GRAPHICS MALE TERMINAL (STD.)
- = A SPLICE. AND/OR A CHASSIS CONNECTION. AND/OR A GRAPHICS EMPTY CONNECTOR CAVITY FOR A STANDARD ROUND PIN TERMINAL.
- = A GRAPHICS BIG FEMALE TERMINAL
- = A GRAPHICS BIG MALE TERMINAL
- = A GRAPHICS EMPTY CONNECTOR CAVITY FOR A BIG ROUND TERMINAL.
- = A GRAPHICS ARCLESS FEMALE TERMINAL
- = A GRAPHICS ARCLESS MALE TERMINAL
- = A GRAPHICS EMPTY CONNECTOR CAVITY FOR ARCLESS TERMINALS.
- = A WIRE TERMINATION
- = AN EYELET TERMINAL GROUND
- = A CHASSIS GROUND
- = A SINGLE EYELET CONNECTION
- = AN EYELET CONNECTION TO A STUD. OR A SERIES OF EYELET CONNECTIONS.
- = WIRE SHIELD
- = JUNCTION BLOCKS
  1 = SINGLE TERMINAL
  2 = DOUBLE TERMINAL
  3 = DOUBLE TERMINAL WITH BUSS BAR
- = MOMENTARY SWITCH CONTACT
- = DISTRIBUTOR SWITCH CONTACT
- = BREAK BEFORE MAKE SWITCH WIPER (THREE OR MORE POSITIONS)
- = MAKE BEFORE BREAK SWITCH WIPER (THREE OR LESS POSITIONS)
- = HINGED PALL SWITCH WIPER (THREE OR LESS POSITIONS)
- = A PUSH OR PULL SWITCH WIPER
- = A FIXED RESISTANCE
- = A VARIABLE RESISTANCE
- = A THERMISTOR
- = A POTENTIOMETER OR A RHEOSTAT. DEPENDING ON EXTERNAL CIRCUITY.
- = A FIXED CAPACITOR
- = A VARIABLE CAPACITOR
- = A HEATER AND/OR TEMPERATURE SENSITIVE ELEMENT
- = VARIOUS SIZE FUSES (USED WITH FUSE PANELS)
- = AN INLINE FUSE & HOLDER
- = A CIRCUIT BREAKER (FUSE PANEL MOUNTED) (SELF RE-SETTABLE)
- = A CIRCUIT BREAKER (FUSE PANEL MOUNTED) (MANUALLY RE-SETTABLE)
- = AN INLINE CIRCUIT BREAKER (SELF RE-SETTABLE)
- = A COIL AND/OR INDUCTOR (W/O IRON CORE)
- = A COIL AND/OR INDUCTOR (WITH IRON CORE)
- = A DIODE
- A SILICON CONTROL RECTIFIER
- = A ZENER DIODE
- = AN INLINE DIODE
- = A TRANSISTOR (PNP)
- = A TRANSISTOR (NPN)

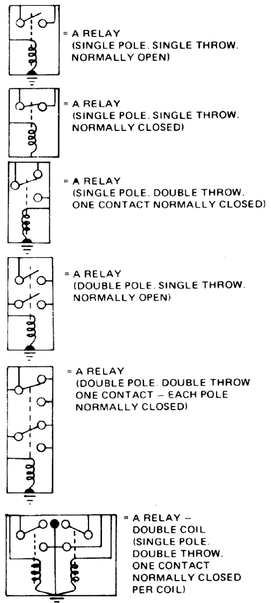
ELECTRICAL SYMBOLS

COMPONENT SYMBOLS

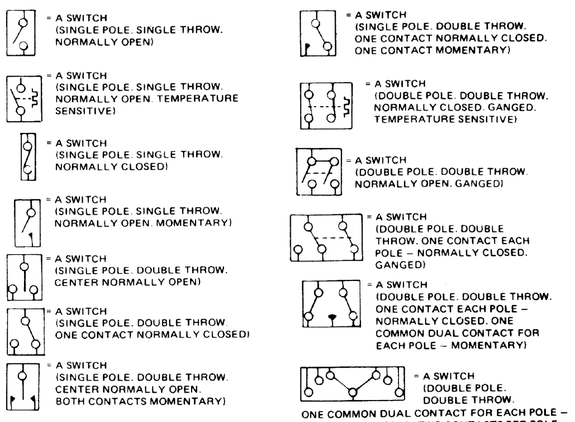
MISCELLANEOUS COMPONENTS



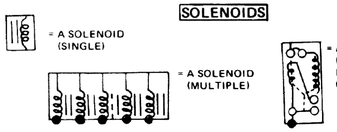
RELAYS

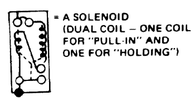


HINGED PALL SWITCHES



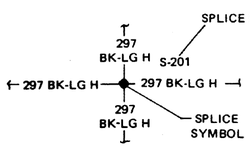
SOLENOIDS





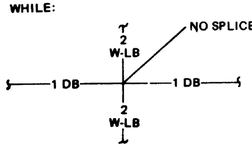
SPLICES

SPLICED WIRES SHALL BE REPRESENTED BY:

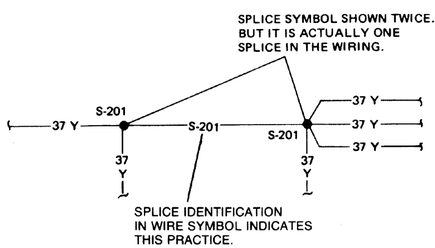


TO REDUCE DRAWING CLUTTER, THE SPLICE SYMBOL MAY BE EXPANDED BEYOND THE SINGLE BLACK DOT, AS SHOWN BELOW.

WHILE:



THESE WIRES SIMPLY PASS EACH OTHER, AND ARE NOT CONNECTED ELECTRICALLY.



PUSH-PULL SWITCHES

= A SWITCH (PUSH TO CLOSE)
(TWO CONTACT. NORMALLY OPEN)

= A SWITCH (PULL TO CLOSE)
(TWO CONTACT. NORMALLY OPEN)

= A SWITCH (PULL TO OPEN)
(TWO CONTACT. NORMALLY CLOSED)

= A SWITCH (PUSH TO OPEN)
(TWO CONTACT. NORMALLY CLOSED)

= A SWITCH (PULL TO CLOSE)
(THREE CONTACT. NORMALLY OPEN)

= A SWITCH (PUSH TO CLOSE)
(TWO CONTACT. NORMALLY OPEN.
MOMENTARY)

= A SWITCH (PULL TO CLOSE)
(TWO CONTACT. NORMALLY OPEN.
MOMENTARY)

MULTIPLE POSITION SWITCHES

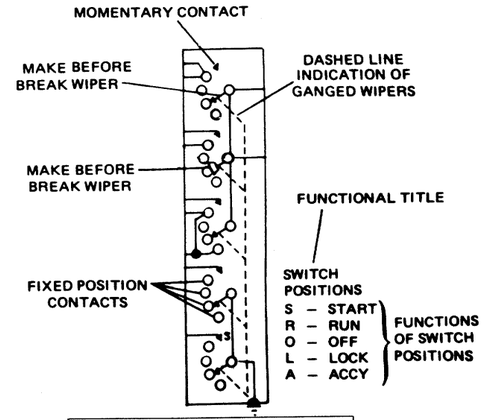
= A SWITCH
(SINGLE POLE. THREE POSITION.
BREAK BEFORE MAKE WIPER)

= A SWITCH
(SINGLE POLE. FOUR POSITION.
BREAK BEFORE MAKE WIPER)

= A SWITCH
(SINGLE POLE. THREE POSITION.
BREAK BEFORE MAKE WIPER.
TEMPERATURE ACTIVATED)

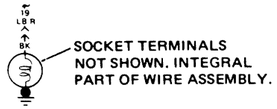
= A SWITCH
(DOUBLE POLE. THREE POSITION.
BREAK BEFORE MAKE WIPER.
GANGED)

= A SWITCH
(DOUBLE POLE. THREE POSITION.
MAKE BEFORE BREAK WIPER.
TWO MOMENTARY CONTACTS PER
POLE. GANGED)



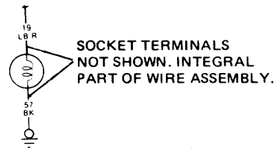
TYPICAL IGNITION SWITCH

SOCKETS



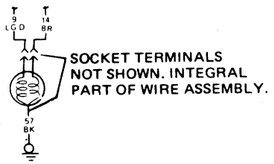
SOCKET TERMINALS
NOT SHOWN. INTEGRAL
PART OF WIRE ASSEMBLY.

SOCKET HAS
INTERNAL
GROUND



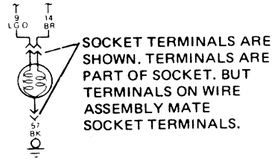
SOCKET TERMINALS
NOT SHOWN. INTEGRAL
PART OF WIRE ASSEMBLY.

SOCKET HAS NO INTERNAL GROUND.



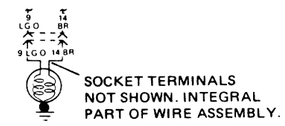
SOCKET TERMINALS
NOT SHOWN. INTEGRAL
PART OF WIRE ASSEMBLY.

SOCKET HAS
NO INTERNAL
GROUND



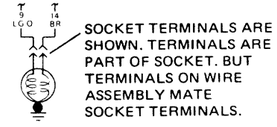
SOCKET TERMINALS ARE
SHOWN. TERMINALS ARE
PART OF SOCKET. BUT
TERMINALS ON WIRE
ASSEMBLY MATE
SOCKET TERMINALS.

SOCKET HAS
NO INTERNAL
GROUND



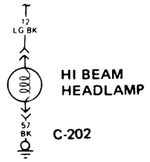
SOCKET TERMINALS
NOT SHOWN. INTEGRAL
PART OF WIRE ASSEMBLY.

SOCKET HAS
INTERNAL
GROUND



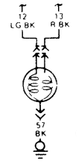
SOCKET TERMINALS ARE
SHOWN. TERMINALS ARE
PART OF SOCKET. BUT
TERMINALS ON WIRE
ASSEMBLY MATE
SOCKET TERMINALS.

SOCKET HAS
INTERNAL
GROUND



HI BEAM
HEADLAMP

C-202



DUAL BEAM
HEADLAMP

C-201

HEADLAMPS DO NOT HAVE SOCKETS.
AND ARE SHOWN AS ABOVE.

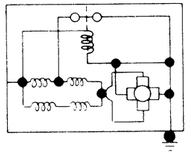
VARIOUS MOTOR TYPES

= A MOTOR
(SINGLE SPEED. UNIDIRECTIONAL)

= A MOTOR – WITH BREAKER
(SINGLE SPEED. UNIDIRECTIONAL
OR BIDIRECTIONAL DEPENDING
ON EXTERNAL CIRCUITRY)

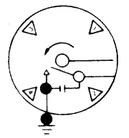
= A MOTOR
(TWO SPEED. UNIDIRECTIONAL)
H = HIGH SPEED
L = LOW SPEED

= A MOTOR
(SINGLE SPEED.
BIDIRECTIONAL)



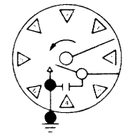
TYPICAL STARTER MOTOR
(FOUR POLE. UNIDIRECTIONAL)

TYPICAL DISTRIBUTORS

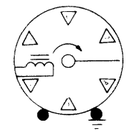


4 CYLINDER
DISTRIBUTOR

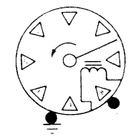
6 CYLINDER
DISTRIBUTOR



8 CYLINDER
DISTRIBUTOR
351 AND 400



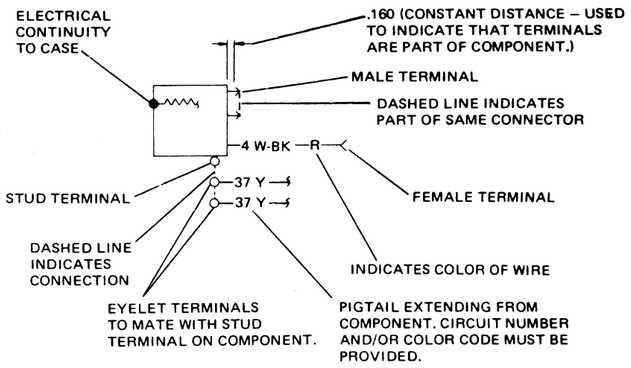
6 CYLINDER
DISTRIBUTOR
(BREAKERLESS)



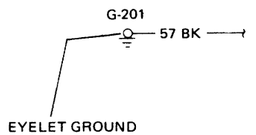
8 CYLINDER
DISTRIBUTOR
351 AND 400
(BREAKERLESS)

ELECTRICAL SYMBOLS

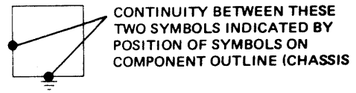
COMPONENT TERMINATIONS



GROUND INDICATIONS



EYELET GROUND
ELECTRICAL PATH TO GROUND PROVIDED BY ATTACHMENT OF EYELET TERMINAL TO VEHICLE CHASSIS.



CHASSIS GROUND
ELECTRICAL PATH TO GROUND PROVIDED WHEN COMPONENT IS INSTALLED.

TERMINALS AND CONNECTORS

AS USED ON THE DIAGRAMS. INDIVIDUAL TERMINALS SHALL BE REPRESENTED BY:

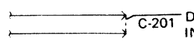
A. → MALE

B. —< FEMALE

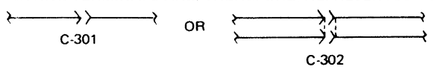
C. ○ EYELET

TERMINALS PHYSICALLY LOCATED IN THE SAME CONNECTOR SHELL MAY BE REPRESENTED SEPARATELY ON THE DIAGRAM. I.E.

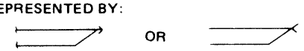
OR DESIGNATED AS BEING IN THE SAME CONNECTOR SHELL. I.E.



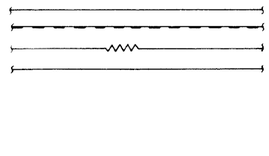
MATING TERMINALS ARE, THEREFORE, REPRESENTED AS:

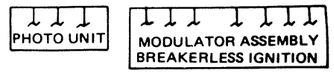


TWO WIRES PHYSICALLY ATTACHED TO A SINGLE TERMINAL ARE REPRESENTED BY:



WIRE TYPES





TYPICAL EXAMPLES OF COMPONENTS WITH UNDEFINED INTERNALS.

USED IN CASES WHERE COMPONENTS ARE NOT SERVICEABLE AND ARE CONSIDERED REPLACEABLE ONLY. AND INTERNAL CIRCUITRY IS NOT CONSIDERED NECESSARY FOR CLEAR UNDERSTANDING OF ASSOCIATED WIRING AND COMPONENTS.

STANDARD WIRE COLOR CODE CHART

CIRCUIT	DESCRIPTION	COLOR
1	HORN SWITCH TO HORN RELAY	BLUE-YELLOW STRIPE
2	TURN SIGNAL SW. TO RH FRONT TURN SIGNAL LAMP	WHITE-BLUE STRIPE
3	TURN SIGNAL SWITCH TO LH FRONT TURN SIGNAL LAMP	GREEN-WHITE STRIPE
4	ALTERNATOR REG. "S" TERM. TO ALTERNATOR "S" TERM.	WHITE-BLACK STRIPE
5	ENGINE BRAKE SWITCH "ON" TO FUSE PANEL	RED-BLACK STRIPE
6	HORN RELAY TO HORN	YELLOW-GREEN STRIPE
7	ENGINE BRAKE SWITCH "OFF" TO CLUTCH SWITCH	GREEN
8	IGNITION SWITCH TO TURN SIGNAL FLASHER	ORANGE-YELLOW STRIPE
9	CLUTCH SWITCH TO JUNCTION BLOCK	GREEN
10	FUSE PANEL TO STOPLAMP SWITCH	GREEN-RED STRIPE
11	HEADLAMP SWITCH TO PARKING LAMPS	BLACK-YELLOW STRIPE
12	HEADLAMP DIMMER SWITCH TO HIGH BEAMS	GREEN-BLACK STRIPE
13	HEADLAMP DIMMER SWITCH TO LOW BEAMS	RED-BLACK STRIPE
15	HEADLAMP SWITCH TO HEADLAMP DIMMER SWITCH	RED-YELLOW STRIPE
16	IGNITION SWITCH TO IGNITION COIL "BATT." TERMINAL	RED-GREEN STRIPE
17	LOW OIL PRESSURE WARNING LAMP TO LOW OIL PRESS. SNDG. UNIT	WHITE
18	AUX. CIRC. BREAKER TO GLOVE BOX LAMP	BLACK-BLUE STRIPE
19	HEADLAMP SWITCH TO INSTRUMENT PANEL LAMPS	BLUE-RED STRIPE
21	BATTERY TO IGNITION SWITCH FEED	YELLOW
22	BRAKE FEED	BLUE-BLACK STRIPE
23	CIRCUIT BREAKER TO VOLT. DIVIDER	ORANGE
24	ALTERNATOR OUTPUT (24 VOLTS) TO STARTER MOTOR	BLUE-YELLOW STRIPE
25	JUNCTION BLOCK TO HEADLAMP SWITCH	BLACK-ORANGE STRIPE
26	ALTERNATOR GROUND (NEG. TERM.)	BLACK-RED STRIPE
27	WINDSHIELD WIPER CIRC. BRKR. TO W/S WIPER SWITCH	RED
28	WINDSHIELD WIPER SW. TO WINDSHIELD WIPER MOTOR	BLACK-WHITE STRIPE
30	IGN. SW. TO CONSTANT VOLTAGE UNIT & INDICATOR LAMPS	BLACK-GREEN STRIPE
31	OIL PRESS. INDICATOR TO OIL PRESS. SENDING UNIT	WHITE-RED STRIPE
32	IGNITION SWITCH TO STARTING MOTOR RELAY	RED-BLUE STRIPE
33	BATTERY TO HORN RELAY	YELLOW
34	HEADLAMP DIMMER SW. TO HIGH BEAM INDICATOR LAMP	GREEN-BLACK STRIPE
35	ALTERNATOR REGULATOR "F" TERM. TO ALTERNATOR	ORANGE
36	ALTERNATOR REGULATOR TO RECTIFIER TERM.	YELLOW-BLACK STRIPE
37	LOAD TERM. OF AMMETER TO ALTERNATOR OUTPUT TERM.	BLACK-YELLOW STRIPE
38	LOAD THRU AMMETER TO BATTERY STARTING MOTOR RELAY BATTERY TERM. TO ALT. "A" TERM.	BLACK-RED STRIPE
39	TEMP. GAGE TO TEMP. SENDING UNIT	RED-WHITE STRIPE
40	BATTERY TO CIGAR LIGHTER	BLUE-WHITE STRIPE
41	WARNING LAMP FEED	BLACK-YELLOW STRIPE
42	SWITCH TO WARNING LAMP	RED-WHITE STRIPE
43	IGN. TERM. OF IGN. SW. TO LOW AIR BUZZER	ORANGE-BLUE STRIPE
44	TURN SIGNAL FLASHER TO TURN SIGNAL SWITCH	BLUE
45	HOT WATER TEMP. RELAY TO HOT WATER TEMP. SENDING UNIT	YELLOW-RED STRIPE
48	BLIND CIRCUIT TERMINATING IN HARNESS	BLACK
49	TURN SIGN. SW. TO RIGHT TURN SIG. INDICATOR LAMP	WHITE–BLUE STRIPE
50	TURN SIG. SW. TO LEFT TURN SIG. INDICATOR LAMP	GREEN-WHITE STRIPE
53	COURTESY LAMP SWITCH TO COURTESY LAMP	BLACK-BLUE STRIPE
54	FUSE PANEL TO COURTESY LAMP SWITCH	GREEN-YELLOW STRIPE
55	CARGO LAMP SW. TO CARGO LAMP	BLACK-RED STRIPE
56	WINDSHIELD WIPER SW. TO WINDSHIELD WIPER MOTOR	BLUE
57	GROUND CIRCUIT	BLACK
58	WINDSHIELD WIPER SW. TO WINDSHIELD WIPER MOTOR	WHITE-ORANGE STRIPE
59	HEATED EXTERIOR MIRROR FEED	GREEN-PURPLE STRIPE
60	CONSTANT VOLTAGE UNIT TO GAGE	BLACK-WHITE STRIPE
61	WINDSHIELD WIPER SW. TO WINDSHIELD WIPER MOTOR	YELLOW
63	WINDSHIELD WIPER SW. TO WINDSHIELD WIPER MOTOR	RED
65	WINDSHIELD WIPER SW. TO WINDSHIELD WIPER MOTOR	GREEN
66	AIR SHIFT SWITCH TO DASH LAMP	BLUE
67	STOP LAMP SW. TO INDICATOR LAMP	GREEN-WHITE STRIPE
68	DEFROSTER MOTOR (FEED) TO IGN. SW. ACC. TERM.	ORANGE-BLACK STRIPE
69	COIL TERM. IGN. SW. TO FUEL SOLENOID	RED-GREEN STRIPE
71	IGNITION SWITCH TO FUSE PANEL	BLACK
72	ENGINE ALARM RELAY (OIL PRESSURE) TO IND. LAMP	GREEN
73	LOW AIR BUZZER TO LOW AIR BUZZER SWITCH	ORANGE-GREEN STRIPE
74	RELAY "H" TERMINAL TO LAMP (WATER)	GREEN
75	STARTING MOTOR RELAY TO SERIES PARALLEL SW. (NO. 1 TERM.)	GREEN-RED STRIPE
76	MARKER LAMP FEED (NON TRACTOR) TO AUX. CIRC. BREAKER	BLACK-GREEN STRIPE
78	CIR. BREAKER TO RH & LH MARKER LAMPS	BLUE-YELLOW STRIPE
79	CONTROL RECTIFIER TO ALT. REG. "IGN." TERM.	GREEN-RED STRIPE
80	BATTERY TO ENGINE COMPARTMENT LAMP	BLACK-WHITE STRIPE
81	THERMAL SW. TO BLOW MTR. CONTROL RELAY	BROWN
83	HEADLAMP SW. (REAR LAMP) TO SPEEDOMETER LAMP	BLACK
84	WINDSHIELD WIPER/WASHER SW. TO FUSE PANEL	RED
87	IGNITION SW. ACCY. TERM. TO CIRC. BREAKER	GREEN-ORANGE STRIPE
88	INSTR. PANEL LAMP SWITCH FEED	BLACK-WHITE STRIPE
89	GLOW PLUG TO GLOW PLUG SWITCH	ORANGE
90	AIR PRESSURE GAGE TO TRANSMITTER	GREEN-WHITE STRIPE
92	ELECT. FUEL PUMP TO AUX. CIRC. BREAKER	BLUE
93	STARTER SWITCH TO ELECT. FUEL PUMP	BLUE-YELLOW STRIPE
95	WINDSHIELD WIPER CONTROL SWITCH TO GROUND	WHITE
96	WINDSHIELD WIPER CONTROL SW. TO W/S WIPER MOTOR GRND.	ORANGE-BLACK STRIPE
98	"A" TERM. IGN. SW. TO ALT. REG. "IGN." TERM.	BLACK
99	CONTROL SWITCH TO IGNITION SWITCH	BLACK
100	CONTROL SWITCH TO VOLTAGE REGULATOR	BLACK-RED STRIPE
101	REMOTE CONTROL MIRROR SWITCH FEED	GRAY
102	REMOTE CONTROL MIRROR SWITCH TO CONTROL UNIT	PURPLE
103	REMOTE CONTROL MIRROR SWITCH TO CONTROL UNIT	BLACK
104	REMOTE CONTROL MIRROR SWITCH TO CONTROL UNIT	GREEN
109	BATTERY TO STARTING MOTOR RELAY FEED	YELLOW
110	FUEL TANK SOLENOID VALVE TO AUX. CIRC. BREAKER	BLACK-GREEN STRIPE
112	WARNING LAMP RELAY FEED	RED
113	STARTING MOTOR TO STARTING MOTOR RELAY	YELLOW-BLACK STRIPE
118	HEATER RELAY TO HEATER CIRC. BREAKER	RED
120	CIRCUIT BREAKER (POWER & CHARGING) TO FUSE PANEL	BLACK
128	STARTING MOTOR RELAY TO STARTING MOTOR	BLACK
129	GLOW PLUG C. B. TO GLOW PLUG SW.	GREEN
130	ACCESSORY RELAY "ARM./TERM." TO ACCY. TERM. OF FUSE PANEL	YELLOW
132	MOTOR TO GROUND (2 SPEED AXLE)	GREEN
136	TWO SPEED AXLE SWITCH TO TWO SPEED ADAPTOR	BLACK
137	FUSE PANEL TO RADIO	YELLOW-BLACK STRIPE
139	IGN. SW. "ACC." TERM. TO BATT. TERM. OF CIRCUIT BRKR.	GREEN-YELLOW STRIPE
140	BACK UP LAMP SWITCH TO BACK UP LAMP	BLACK-RED STRIPE
141	TWO OR THREE SPD. AXLE SW. TO TWO OR THREE SPD. AXLE MTR.	BLACK
142	TWO OR THREE SPEED AXLE CIRCUIT BREAKER LOAD TERM. TO TWO OR THREE SPEED AXLE TERMINAL	GREEN
143	TWO OR THREE SPD. AXLE SW. TO TWO OR THREE SPD. AXLE MTR.	RED
144	CIRCUIT BRKR. LOAD TERM. TO NO. 142 SPLICE (2 SPEED AXLE SHIFT)	GREEN
145	SPEEDO. ADAPTOR TO NO. 141, NO. 146 SPLICE (2 SPEED AXLE SHIFT)	BLACK
146	SHIFT MOTOR TO NO. 141, NO. 145 SPLICE (2 SPEED AXLE SHIFT)	BLACK
147	SHIFT MOTOR TO NO. 143 SPLICE (2 SPEED AXLE SHIFT)	RED
148	HEADLAMP SW. TO AUTO. TRANS. IND. LAMP	BLACK-BLUE STRIPE
149	AUX. LAMP CIRCUIT BREAKER LAOD TERM. TO AUX. LAMP FEED HEADLAMP SWITCH "C" TERMINAL	YELLOW
150	BATTERY FEED TO FUSE PANEL	RED
151	SPEED CONTROL ON-OFF SWITCH TO AMPLIFIER	BLUE-BLACK STRIPE
152	ALT. OUTPUT "A" TERM. TO VOLTAGE REG. "A" TERM.	YELLOW
153	STARTING MOTOR RELAY TO FLASHER	RED-WHITE STRIPE
154	AIR TANK VALVE	RED
156	AIR TANK VALVE FEED	BLUE
158	KEY WARNING SWITCH TO BUZZER	BLACK-WHITE STRIPE
159	DOOR JAMB SWITCH TO BUZZER	RED
160	BUZZER TO WARNING INDICATOR RELAY	WHITE
161	IGN. SW. (ACC. TERM.) TO EMERG. BRAKE WARNING LAMP	GREEN
162	EMERG. BRAKE WARNING LAMP TO EMERG. BRAKE SWITCH	GREEN-RED STRIPE
169	OVER RIDE SWITCH TO 3 X 6 MODULE	BLUE-YELLOW STRIPE
170	CARBURETOR SOLENOID TO 3 X 6 MODULE	BLUE-RED STRIPE
171	DISABLER SOLENOID TO 3 X 6 MODULE	BLUE-BLACK STRIPE
172	THROTTLE ANGLE TO 3 X 6 MODULE	BLUE-WHITE STRIPE
173	THIRD GEAR SWITCH TO 3 X 6 MODULE	BLUE-ORANGE STRIPE
174	VACUUM SWITCH TO 3 X 6 MODULE	BLUE-GREEN STRIPE
175	INDICATOR LAMP TO OVER RIDE SWITCH	BLUE-BROWN STRIPE
176	INDICATOR LAMP TO 3 X 6 MODULE	BLUE-PURPLE STRIPE
181	FUSE PANEL TO HEATER BLOWER MOTOR	ORANGE
182	AIR COND. CIRC. BRKR. (LOAD TERM) TO THERMOSTAT SW.	BROWN-WHITE STRIPE
183	AIR COND. CIRC. BRKR. (LOAD TERM) TO A/C BLOWER SW. FEED	BROWN
184	AIR COND. SW. (LOW) TO AIR COND. BLOWER MOTOR	RED
185	AIR COND. SW. (HIGH) TO AIR COND. BLOWER MOTOR	BLACK
188	CIRCUIT BRKR. TO HEADLAMP SW. "BATT." TERM.	BLACK
189	TERM. BLOCK TO CIRCUIT BREAKER	GREEN-YELLOW STRIPE
190	IGNITION SW. ACCY. TERM. TO AIR COND. CIRCUIT BREAKER	YELLOW
195	EMERG. BRAKE SW. TO SIGNAL LAMP & RESISTOR GND.	RED
196	ACCY. FEED FROM FUSE PANEL TO RELAY	RED
197	AUX. ACCY. FEED FROM RELAY	RED-BLUE STRIPE
198	BATT. TERM. OF STARTER SOLENOID TO RELAY	BLACK
199	CIRCUIT BREAKER FEED	BLACK-ORANGE STRIPE
200	CIRCUIT BREAKER TO SPLICE	BLUE
201	SPLICE TO HEADLAMP SWITCH	BLUE-YELLOW STRIPE
203	INTERIOR LAMP PICKUP BOX COVER	WHITE-YELLOW STRIPE
205	CIRC. BRKR. LOAD TERM. TO STOPLAMP WRNG. RELAY ARM. TERM.	GREEN
206	GROUND RETURN TO TOWING VEHICLE	WHITE

STANDARD WIRE COLOR CODE CHART (CONTINUED)

CIRCUIT	DESCRIPTION	COLOR
207	MARKER LAMP SWITCH TO MARKER LAMPS	BLACK
208	WATER TEMP. SW. (HOT) TO DELAY & CONTROL RELAY	RED-WHITE STRIPE
209	STOPLAMP SW. TO RELAY	YELLOW
210	INDICATOR LAMP TO SWITCH	BLUE
212	AUX. CIRC. FEED TO TRACTOR TRAILER PLUG	BLUE
213	OIL LEVEL SENDER TO SIGNAL UNIT (LAMP)	RED
214	SIGNAL UNIT (LAMP) TO TEMP. SIGNAL LAMP	RED-BLACK STRIPE
215	SIGNAL UNIT (LAMP) TO FUEL SIGNAL RELAY	YELLOW-BLACK STRIPE
221	IGNITION SW. "ACCY. TERM" TO HEATER TEMPERATURE SW. FD.	BLUE
222	TEMPERATURE CONTROL SW. TO HEATER MOTOR BLOWER SW.	RED
230	EMISSION CONTROL VALVE TO SWITCH	BROWN-YELLOW STRIPE
231	"L" TERM. VOLTAGE REG. TO ACCESSORY TERM. IGN. SW.	YELLOW-BLACK STRIPE
232	ELECTRONIC SW. TO IGN. COIL NEG. TERM.	GREEN-YELLOW STRIPE
233	WINDSHIELD WASHER MOTOR TO IGN. SW.	GREEN
234	WINDSHIELD WASHER MOTOR TO IGN. SW.	BLACK
235	ALTERNATOR RELAY TO ALTERNATOR REGULATOR	YELLOW-BLACK STRIPE
252	CIRCUIT BREAKER (LOAD) TO 3 SPEED AXLE SWITCH	GREEN
253	INTERMEDIATE TERMINAL 3 SPEED AXLE SWITCH TO SOLENOID VALVE FORWARD TANDEM	RED
254	HIGH TERM. 3 SPEED AXLE SW. TO SOLE. VALVE RR. TANDEM	BLACK
255	CIRCUIT BREAKER (LOAD) TO AXLE LOCKOUT DIFFERENTIAL	BLUE
256	ACCESSORY TERM IGN. SW. TO 3 SPEED AXLE SWITCH	GREEN
257	IGN. SW. "ACCY. TERM." TO BLOWER MOTOR	YELLOW
258	EMERG. BRAKE WARNING LAMP TO EMERG. BRAKE SWITCH	BLACK
259	IGN. SW. TO EMERG. BRAKE WARNING LAMP	BLACK-RED STRIPE
260	BLOWER MOTOR TO SWITCH – LO	RED-BLACK STRIPE
261	BLOWER MOTOR TO SWITCH – HI	ORANGE-BLACK STRIPE
262	STARTING MOTOR RELAY TO IGN. COIL "I" TERM.	BROWN
263	CLICKER RELAY TERM. NO. 4 TO AIR VALVE ASSY.	RED
264	CLICKER RELAY TERM. NO. 3 TO AIR VALVE ASSY.	BLUE
265	CLICKER RELAY TERM. NO. 1 TO SPEED CONTROL BRAIN	WHITE
266	BRAKE SW. TO CLICKER RELAY TERM. NO. 4	YELLOW
267	CONTROL HEAD MAKE READY SW. TO BRAKE SW.	BLACK-YELLOW STRIPE
268	HEATER SW. TO HEATER BLOWER MOTOR (LOW)	RED-BLACK STRIPE
269	HEATER SW. TO HEATER BLOWER MOTOR (MEDIUM)	BLUE-RED STRIPE
270	HEATER SW. TO HEATER BLOWER MOTOR (HIGH)	BLACK-YELLOW STRIPE
271	AIR COND. MASTER SW. TO "F" TERM. OF FAST IDLE RELAY	BLUE
272	NEUTRAL SWITCH TO "B" TERM. OF FAST IDLE RELAY	GREEN
273	IGN. SWITCH TO FAST IDLE RELAY	YELLOW
274	FAST IDLE RELAY TO STARTING MOTOR RELAY	RED
275	FAST IDLE RELAY "A" TERM. TO FAST IDLE SOLENOID	BLACK
276	STARTING MOTOR RELAY TO NEUTRAL SWITCH	YELLOW
277	BLOWER MOTOR TO SWITCH	GREEN
280	COORDINATOR SW. TO WINDSHIELD WIPER MOTOR	WHITE-GREEN STRIPE
281	COORDINATOR SW. TO WINDSHIELD WIPER MOTOR	BLUE-BLACK STRIPE
282	TURN SIGNAL SW. TO RH REAR TURN SIGNAL LAMP	GREEN
283	TURN SIGNAL SW. TO LH REAR TURN SIGNAL LAMP	YELLOW-BLACK STRIPE
284	BATTERY FEED TO STOPLAMP SWITCH	RED
285	"R" TERMINAL HEADLAMP SWITCH TO REAR LAMPS	BROWN
286	FUEL GAGE INDICATOR TO TANK SENDING UNIT	ORANGE
288	"R" TERM. OF ALT. REG. TO ALT. "R" TERM.	WHITE-BLACK STRIPE
289	FAST IDLE RELAY "A" TERM. TO COMPRESSOR CLUTCH	BLACK
292	REAR TERM. OF HEADLAMP SW. TO STORAGE COMPT. LAMP	WHITE
296	FUSE PANEL ACCY. FEED TO SPLICE	RED
297	IGN. SW. (ACCY. TERM) TO FUSE PANEL ACCY. FEED	BLACK-GREEN STRIPE
313	WINDOW REGULATOR SWITCH TO WINDOW REGULATOR MOTOR (DOWN)	ORANGE-WHITE STRIPE
314	WINDOW REGULATOR SWITCH TO WINDOW REGULATOR MOTOR (UP)	WHITE-ORANGE STRIPE
331	WINDSHIELD WASHER SW. (FLOOR) TO W/SHIELD WIPER SW.	RED
332	WINDSHIELD WASHER SW. FEED (FLR.) TO IGN. SW. ACCY. TERM	YELLOW
333	WINDOW REGULATOR SWITCH TO WINDOW REGULATOR MOTOR	YELLOW-RED STRIPE
334	WINDOW REGULATOR SWITCH TO WINDOW REGULATOR MOTOR	RED-YELLOW STRIPE
345	RELAY NO. 1 TERM. TO POST. TERM. VOLT. REG.	GREEN-WHITE STRIPE
346	RELAY NO. 2 TERM. TO BATT. TERM. START RELAY	WHITE-GREEN STRIPE
347	THERMOSTATIC SW. TO CLUTCH	BLACK
348	THERMOSTATIC SW. TO AIR COND. SW. SELECTOR TERM.	GREEN-WHITE STRIPE
349	THERMOSTATIC SW. TO AIR COND. SW.	BROWN
350	AIR COND. SW. "HI" TERM. TO CLUTCH RELAY "BATT." TERM.	YELLOW
351	CLUTCH RELAY TO CLUTCH	RED
358	IGN. SW. (ACCY. TERM) TO AIR COND. EVAPORATOR MOTOR SW.	YELLOW
359	EVAPORATOR THERMOSTAT TO COMPRESSOR CLUTCH	BLACK-WHITE STRIPE
360	SPEED CONTROL BRAKE SW. TO SPEED CONTROL IND. LAMP	YELLOW-BLUE STRIPE
364	ACCY. TERM. IGN. SW. (FUSE PANEL) TO BLWR. (COIL TERM) MTR. RELAY	BLACK-GREEN STRIPE

CIRCUIT	DESCRIPTION	COLOR
369	VACUUM SOLENOID TO TEMP. SW.	BROWN
370	AIRSHIFT SW. TO BATT. TERM. OF IGN. SW.	YELLOW
371	BLOWER MOTOR RELAY (LOAD TERM) TO BLOWER MOTOR	RED
373	BATTERY FEED TO CIRCUIT BREAKER (BATT. TERM)	YELLOW
374	STARTING MOTOR RELAY TO ENGINE USAGE INDICATOR	RED
376	HORN BUTTON TO HORN	BLUE-YELLOW STRIPE
377	AUX. CIRCUIT BRKR. TO HORN BUTTON	YELLOW-BLUE STRIPE
383	EMERGENCY WARNING FLASHER FEED	RED-WHITE STRIPE
384	FLASHER TO EMERGENCY WARNING LAMP	WHITE-BLUE STRIPE
385	FLASHER TO EMERGENCY WARNING SWITCH	WHITE-RED STRIPE
386	FLASHER TO EMERGENCY WARNING INDICATOR	YELLOW
388	AUX. CIRCUIT BREAKER FEED	YELLOW-RED STRIPE
399	FUSE PANEL TO HEATER BLOWER SWITCH	BROWN
400	SAFETY RELAY (LOAD TERM) TO WINDOW REGULATOR SWITCH FEED	BLUE-BLACK STRIPE
404	WINDOW REGULATOR SWITCH TO BACK WINDOW SWITCH	PURPLE-GREEN STRIPE
405	WINDOW REGULATOR SWITCH TO BACK WINDOWN SWITCH	PURPLE-BLUE STRIPE
407	WINDOW REGULATOR SWITCH REAR TO LIMIT SWITCH	TAN-BLACK STRIPE
450	IGN. SW. TO SEAT BELT WARNING INDICATOR LAMP FEED	GREEN
451	SEAT BELT WARNING LAMP TO SEAT BELT WARNING IND. RELAY TERM. NO. 1	BLACK-RED STRIPE
452	IGN. SW. TO SEAT BELT WARNING IND. RELAY TERM NO. 4	GREEN-WHITE STRIPE
453	SEAT BELT WARNING IND. GRD. SW. TO S/B WRNG. IND. RELAY TERM. NO. 2	BLACK-YELLOW STRIPE
454	IGN. SW. COIL TERM. TO CIRCUIT BREAKER	RED-GREEN STRIPE
455	CIRCUIT BREAKER TO FUEL VALVE	GREEN-RED STRIPE
460	BATTERY TO HORN SWITCH	YELLOW
469	IGN. SW. ACCY. TERM. TO SEAT BELT WARNING SWITCH	GREEN
474	IGNITION SW. (ACCY.) TO STOPLAMP RELAY (BATT. TERM.)	RED
475	STOPLAMP SW. TO STOPLAMP RELAY (COIL TERM.)	GREEN-WHITE STRIPE
477	CIRCUIT BREAKER TO FOG LAMP SWITCH	BLUE-BLACK STRIPE
478	FOG LAMP SWITCH TO FOG LAMP	GRAY
480	HI LAMP FEED FROM HEADLAMP SWITCH TO FUSE PANEL	YELLOW-ORANGE STRIPE
482	HORN SWITCH TO HORNS	BLACK-YELLOW STRIPE
483	INHIBITOR SWITCH TO MAKE READY SWITCH	YELLOW-BLUE STRIPE
484	CLICKER RELAY TERM. NO. 1 TO RESUME SPEED SWITCH	BLACK
489	EMERGENCY FLASHER SWITCH TO STOPLAMP RELAY	ORANGE
490	IGNITION SWITCH TO TRANSMISSION INDICATOR LAMP	BLUE-RED STRIPE
491	CIRC. BREAKER (BATT. TERM) TO STOPLAMP RELAY (BATT. TERM)	RED-WHITE STRIPE
492	STOPLAMP RELAY (ARM TERM.) TO TURN SIGNAL SWITCH	GREEN
509	AIR COND. CONDENSOR THERMAL SWITCH FEED	YELLOW
510	AIR COND. CONDENSOR THERMAL SW. TO BLOWER MOTOR	ORANGE
511	STOPLAMP SW. TO TURN SIGNAL SW.	GREEN
512	SWITCH TO TRAILER AUX. LAMPS	BLACK
513	CIRCUIT BREAKER TO STOPLAMP RELAY FEED	BROWN
514	EMERGENCY WRNG. SW. TO EMERG. WRNG. RELAY COIL TERM.	BLUE
515	HEATER RESISTOR TO BLOWER MOTOR (HI)	ORANGE
517	CIRCUIT BREAKER (LOAD TERM.) TO CONTROL SWITCH (BATTERY TERMINAL)	BLACK-WHITE STRIPE
519	GLOW PLUG SW. TO LAMP (FEED)	WHITE
520	SEAT BELT WARNING LAMP TO WARNING LAMP SWITCH	VIOLET-WHITE STRIPE
526	CIRCUIT BREAKER TO MARKER LAMP SW. FEED	BLACK-WHITE STRIPE
532	IGNITION SWITCH TO VACUUM SWITCH	ORANGE
533	VACUUM SWITCH TO INDICATOR LAMP	BLACK
536	BLOWER MOTOR RELAY (LOAD TERM) TO BLOWER MOTOR	BLACK
537	COMPRESSOR TO CLUTCH	YELLOW
546	STARTER CONTROL TO INTERLOCK MODULE	WHITE-PINK STRIPE
560	SEAT BELT WRNG. TIMER TO L.F. RETRACTOR SWITCH	BROWN-BLUE STRIPE
561	SEAT BELT WRNG. TIMER TO R.F. SEAT SENSOR	BLUE-WHITE STRIPE
562	SENSOR SIGNAL TO AMPLIFIER	GREEN-WHITE STRIPE
563	AUX. HEADLAMP SW. TO AUX. HD. LAMP RELAY	BROWN
564	HEADLAMP SW. TO AUX. HEADLAMP RELAY	ORANGE
565	AUX. HEADLAMPS TO AUX. HD. LP. RELAY	BLUE
568	ALTERNATOR RELAY TO ALTERNATOR REGULATOR	GREEN
569	INTERLOCK MODULE TO CENTER BUCKLE SWITCH	ORANGE-WHITE STRIPE
570	INTERLOCK MODULE TO CENTER SEAT SENSOR	YELLOW-GREEN STRIPE
572	ENGINE WARNING SYSTEM	RED-WHITE STRIPE
575	LIGHT SWITCH FEED	RED-BLACK STRIPE
576	LIGHT SWITCH TO RELAY	BLUE
577	FUSE PANEL TO CIRCUIT BREAKER	GREEN
578	CIRCUIT BREAKER TO RELAY FEED	YELLOW
579	RELAY TO JUNCTION BLOCK	BLACK-ORANGE STRIPE
580	FUSE PANEL TO ANTI-SKID	BLUE
581	FAILURE MODULE TO RELAY	GREEN-WHITE STRIPE
583	INTERMITTENT GOV. TO INTERMITTENT GOV. FEED	BLACK
584	IGN. SW. TO SEAT BELT WARNING IND.	GREEN-BLUE STRIPE
587	W/SHIELD WIPER SW. TO INTERMITTENT GOVERNOR FEED	BLACK-WHITE STRIPE
588	W/SHLD. WIPER MOTOR DYN. BRAKE TO W/S WIPER SW. GRND.	WHITE-BLACK STRIPE
589	W/SHLD. WIPER SW. TO INTERMITTENT GOV. GRND. DYN. BRKG.	ORANGE

STANDARD WIRE COLOR CODE CHART (CONTINUED)

CIRCUIT	DESCRIPTION	COLOR
590	INTERMITTENT GOVERNOR TO W/S WIPER SWITCH	BLUE-WHITE STRIPE
591	SPEED CONTROL RELAY TO SPEED REGULATOR	BLACK-ORANGE STRIPE
592	STOPLAMP SW. TO SPEED CONTROL RELAY	BLUE-WHITE STRIPE
593	SPEED CONTROL ACTUATOR TO CUTOUT RELAY	YELLOW
594	TEMP. TRANSMITTER TO IND. LAMP (ENGINE COLD)	GREEN
596	PRIMER SW. TO OIL PRESSURE SAFETY SWITCH	BLACK
597	COIL TERM. OF IGN. SW. TO OIL PRESSURE SAFETY SW.	RED
598	COIL TERM. OF IGN. SW. TO FUEL PUMP PRIMER SWITCH	RED-BROWN STRIPE
599	START TERM. OF IGN. SW. TO FUEL PUMP PRIMER SWITCH	RED-BLUE STRIPE
600	FAILURE MODULE TO TANDEM RR. AXLE CONTROLLER	BLUE-BLACK STRIPE
601	BRAKE SKID CONTROL MODULE FEED	BLUE
602	COIL TERM. OF IGN. SW. TO BRAKE SKID CONTROL MODULE	RED-PURPLE STRIPE
603	DUAL BRAKE WARNING LIGHT TO BRAKE SKID CONTROL MODULE	GREEN
604	SKID CONTROL MODULE TO R. H. WHEEL SENSOR (HIGH)	YELLOW
605	SKID CONTROL MODULE TO R. H. WHEEL SENSOR (LOW)	BROWN
606	SKID CONTROL MODULE TO L. H. WHEEL SENSOR (HIGH)	YELLOW
607	SKID CONTROL MODULE TO L. H. WHEEL SENSOR (LOW)	BROWN
608	FAILURE MOD. TO FRONT AXLE CONTROL	BLUE-WHITE STRIPE
609	ESOTP MODULE TO THERMOCOUPLE (NEG.)	RED
610	THERMOCOUPLE (–) MODULE TO SENSOR	RED-YELLOW STRIPE
611	THERMOCOUPLE (+) MODULE TO SENSOR	YELLOW
612	AIR DUMP VALVE (–) TO MODULE	BLUE
613	EGR VALVE (–)	BROWN
614	SPEED SENSOR	GREEN
615	FEED TO FAILURE SWITCH	BLACK-YELLOW STRIPE
617	FUSE PANEL TO SKID CONTROL MODULE	BLACK-GREEN STRIPE
618	FAILURE MOD. TO RR. AXLE CONTROL	RED
619	FAILURE MOD. TO RR. AXLE CONTROL	GREEN-YELLOW STRIPE
620	FAILURE MOD. TO RR. AXLE CONTROL	BLUE
621	FAILURE MOD. TO FRONT AXLE CONTROL	GREEN
622	FAILURE MOD. TO FRONT AXLE CONTROL	RED-WHITE STRIPE
625	IGNITION SW. COIL TERM. TO PRIMER SWITCH	BLUE
629	FAILURE MOD. TO RR. AXLE CONTROL	RED-BLACK STRIPE
630	FUSE PANEL TO FAILURE INDICATOR RELAY	WHITE
631	FAILURE MOD. TO TAN. RR. AXLE CONTROL	GREEN-BLACK STRIPE
632	IGN. SW. COIL TERM. TO OIL TEMP. WARNING LAMP	BLACK
633	IGN. SW. TO OIL TEMP. WARNING RELAY	RED
634	OIL TEMP. WARNING RELAY TO OIL TEMP. WARNING LAMP	BLUE
635	OIL TEMP. WARNING LAMP TO OIL TEMP. WARNING SWITCH	GREEN
636	OIL TEMP. WARNING RELAY TO OIL TEMP. SW.	GREEN
637	OIL TEMP. WARNING RELAY TO FLASHER	BLACK
638	FLASHER TO OIL PRESS. SWITCH	YELLOW
639	FLASHER TO OIL TEMP. WARNING LAMP	YELLOW-RED STRIPE
640	IGN. SWITCH COIL TERM. TO WARNING LAMPS	RED-YELLOW STRIPE
641	IGN. SWITCH GROUND TERM. TO WARNING LAMP	BLACK-RED STRIPE
642	WATER TEMP. WARNING LAMP TO WATER TEMP. SW. (COLD)	WHITE-GREEN STRIPE
643	CHARGE INDICATOR LAMP TO SPLICE	YELLOW-BLACK STRIPE
644	OIL TEMP. WARNING LAMP TO IGN. SWITCH (ACCY. TERM.)	RED-GREEN STRIPE
645	IGNITION SWITCH COIL TERMINAL TO TACHOMETER	BLACK
646	TACH. THRU IGN. RESISTOR TO BATTERY TERM. OF IGN. COIL	RED
647	WATER TEMP. WARNING LAMP TO WATER TEMP. SWITCH (HOT)	RED
648	IGNITION SW. COIL TERMINAL TO TACHOMETER	RED
649	TACHOMETER TO IGNITION COIL "B" TERM.	RED-GREEN STRIPE
654	ALT. SHUNT "A" TERM. TO AMMETER	YELLOW-BLACK STRIPE
655	STARTING MOTOR RELAY SHUNT TO AMMETER	RED-ORANGE STRIPE
666	DOME LAMP FEED	RED
668	IGN. RELAY TO STARTING MOTOR RELAY	BLACK
669	IGN. RELAY TO STARTING MOTOR RELAY START TERM.	RED-BLUE STRIPE
670	FAILURE INDICATOR TO MODULE	PINK
671	SPEED REG. SW. "ON" POSITION TO ON & OFF RELAY	WHITE
672	SELECTOR SW. TO LEFT HAND PUMP MOTOR	BROWN
673	SELECTOR SW. TO LEFT FUEL GAGE	GREEN
674	SELECTOR SW. TO RIGHT HAND PUMP MOTOR	BROWN-WHITE STRIPE
675	SELECTOR SW. TO RIGHT FUEL GAGE	GREEN-RED STRIPE
676	L. H. SENSOR FEED JUNCTION BLOCK TO CONTROLLER	ORANGE
677	L. H. SENSOR COMMON JUNCTION BLOCK TO CONTROLLER	GREEN
678	R. H. SENSOR COMMON JUNCTION BLOCK TO CONTROLLER	GREEN-WHITE STRIPE
679	R. H. SENSOR FEED JUNCTION BLOCK TO CONTROLLER	ORANGE-WHITE STRIPE
682	H/L SW. BATT. TERM. TO TRACTOR–TRAILER RELAY "B" TERM.	YELLOW
683	H/L SW. "R" TERM. TO TRACTOR–TRAILER RELAY "F" TERM.	BROWN
684	TRACTOR–TRAILER RELAY "A" TERM. TO MARKER LAMP SW.	BLACK-WHITE STRIPE
685	TRACTOR–TRAILER RELAY CIRC. BRKR. TO AUX. MARKER LAMP SW.	BLACK-RED STRIPE
687	ACCESSORY FEED	GRAY-YELLOW STRIPE
688	HEATED BACKLITE SWITCH	GRAY-BLUE STRIPE
689	ENG. SPEED SENSOR UNIT TO MANIFOLD VACUUM SENSING SW.	PURPLE
690	HYDRO-BOOST SW. TO WARNING LAMP	GREEN-WHITE STRIPE
691	SKID CONTROL MODULE TO AXLE SENSOR	YELLOW

CIRCUIT	DESCRIPTION	COLOR
692	SKID CONTROL WARNING RELAY TO SKID CONT. MODULE	BROWN
693	BRAKE SYSTEM WARNING RELAY TO SW.	BROWN
694	TURN SIG. FLASHER "P" TERM. TO TURN SIGNAL IND. LAMPS	BROWN
697	SPEED REG. SW. "OFF" POSITION TO ON & OFF RELAY	ORANGE-BLACK STRIPE
704	FRONT RADIO SPEAKER VOICE COIL GROUND	BLACK-RED STRIPE
705	CIRCUIT BREAKER TO HEATER BLOWER SWITCH	BROWN
708	RADIO SPEAKER VOICE COIL FEED	BLACK-ORANGE STRIPE
730	BATTERY TO VOLT METER	RED
733	AMPLIFIER GROUND BREAKER LESS MODULE TO DISTRIBUTOR	BLACK-GREEN STRIPE
734	AMPLIFIER TO SERVO TRANSDUCER FEED	ORANGE-YELLOW STRIPE
735	AMPLIFIER FEEDBACK POTENTIOMETER FEED	PURPLE-BLUE STRIPE
737	AIR CONDITIONER MOTOR TO GROUND	GREEN
738	FUEL PUMP RELAY "H" TERMINAL TO OIL PRESSURE SWITCH	GREEN-ORANGE STRIPE
739	FUEL PUMP RELAY TO SELECT SWITCH "B" TERMINAL	RED-YELLOW STRIPE
740	IGNITION SWITCH (COIL TERM.) TO FUEL PUMP RELAY	GREEN
741	IGNITION SWITCH (ACCY. TERM.) TO FUEL PUMP RELAY	RED
742	FUEL PUMP RELAY TO FUEL PUMP	BLUE
743	FUEL PUMP RELAY TO OIL PRESSURE SW.	YELLOW
747	FUSE PANEL TO RADIO RECEIVER	BLACK
748	A/C MODE SHIFT TO HEATER CONTROL SWITCH	BLUE
749	RADIO RECEIVER TO F. M. TUNER FEED	BLACK
753	HEATER & A/C CONTROL SWITCH TO BLOWER RELAY SWITCH	YELLOW-RED STRIPE
763	ACC. TERM. OF IGN. SW. TO W/S WIPER CIRCUIT BREAKER	ORANGE-WHITE STRIPE
764	W/S WIPER CIRCUIT BREAKER TO W/S WIPER MOTOR	BLACK-ORANGE STRIPE
778	SEAT BELT SW. FEED "P" TERM.	YELLOW
779	MARKER LAMP SWITCH TO BLINK SWITCH	WHITE-BLACK STRIPE
780	ENGINE ALARM RELAY (OIL PRESS.) "F" TERM. TO "A" TERM. IGNITION SWITCH	RED
781	BRAKE PAD SWITCH TO HOLDING RELAY	BROWN
784	STEREO SPEAKER VOICE COIL RETURN	VIOLET
786	FUEL PUMP PRIMER SW. TO FUEL PUMP RELAY	RED
787	FUEL PUMP SAFETY SWITCH TO FUEL PUMP MOTOR	RED-BROWN STRIPE
789	VACUUM SWITCH TO HOLDING RELAY	BROWN-WHITE STRIPE
795	NEUTRAL SAFETY RELAY TO NEUTRAL SWITCH	RED-BLACK STRIPE
796	ACCESS. FEED TO NEUTRAL SAFETY RELAY	BLACK
797	BATTERY FEED TO STEREO	GREEN
802	SPEAKER VOICE COIL FEED-FRONT (LEFT CHANNEL)	BLUE
803	SPEAKER VOICE COIL FEED-FRONT (RIGHT CHANNEL)	RED
804	FADER CONTROL TO FADER ARM (LEFT CHANNEL)	RED
805	FADER CONTROL TO FADER ARM (RIGHT CHANNEL)	BLUE
806	SPEAKER VOICE COIL FEED (RIGHT CHANNEL)	WHITE
807	SPEAKER VOICE COIL FEED (LEFT CHANNEL)	ORANGE
808	SELECTOR SWITCH TO FUEL TANK SOLENOID VALVE	BROWN-ORANGE STRIPE
809	STOPLAMP SWITCH TO STOPLAMP	RED-BLACK STRIPE
810	STOPLAMP SWITCH TO STOPLAMP	RED-BLACK STRIPE
811	RELAY "A" TERM. TO TRAILER TAIL LAMPS	BROWN
812	MARKER LAMP SWITCH TO MIRROR LAMP	BLUE
813	BRAKE SWITCH TO TRAILER RELAY "B" TERM.	YELLOW-BLACK STRIPE
814	IGN. SWITCH COIL TERM. TO VOLTAGE RELAY	WHITE
816	CIRCUIT BREAKER TO REVERSE RELAY FEED	YELLOW-BLUE STRIPE
822	FRONT SPEAKER TO FADER CONTROL SWITCH	BROWN
823	FADER CONTROL SWITCH TO RADIO	GREEN
824	FRONT SPEAKER TO RADIO	BLUE
825	SERVO SOURCE VACUUM SOLE. TO CONTROL TRANSISTOR	GRAY-BLACK STRIPE
826	SERVO VENT VACUUM SOLE. TO CONTROL TRANSISTOR	WHITE-PINK STRIPE
827	SERVO FEEDBACK POTENTIOMETER SIGNAL TO AMPLIFIER	YELLOW-RED STRIPE
828	SERVO FEEDBACK POTENTIOMETER BASE TO AMPLIFIER	BROWN-GREEN STRIPE
829	IGN. SW. (ACCY. TERM.) TO VACUUM SOLENOID	RED
830	SENSOR SIGNAL TO AMPLIFIER	GREEN-WHITE STRIPE
832	CONTROL RELAY TO HOLDING RELAY	YELLOW-BLACK STRIPE
833	IGN. SW. ACCY. TERM. TO EMERGENCY STOP LAMP SW.	GREEN
834	REAR SPEAKER VOICE COIL FEED (RIGHT CHANNEL)	BLUE
835	REAR SPEAKER VOICE COIL FEED (LEFT CHANNEL)	RED
836	INDICATOR LAMP TO FLASHER	RED
837	FLASHER TO EMERGENCY BRAKE SWITCH	BLACK
838	THERMAL RELAY TO LOCK IN VALVE	ORANGE-BLACK STRIPE
839	BATTERY TO STOP LAMP CIRCUIT BREAKER	WHITE
847	STARTER RELAY SOLENOID "SM" TERM. TO C. S. RELAY COIL	WHITE
848	BALLAST RESISTOR "E" TERM. TO TRANSISTOR UNIT "E" TERM.	RED-WHITE STRIPE
849	STARTING MOTOR RELAY TO TACH BLOCK	BROWN
850	BALLAST RESISTOR COIL TERM. TO IGN. COIL BATT. TERM.	BLUE-WHITE STRIPE
851	TRANSISTOR UNIT "B" TERM. TO DISTRIBUTOR	GREEN
852	TRANSISTOR UNIT "C" TERM. TO BALLAST RESISTOR "C" TERM.	BLUE
853	COIL TERM. IGN. SW. TO BALLAST RESISTOR "E" TERM.	RED-GREEN STRIPE

STANDARD WIRE COLOR CODE CHART (CONTINUED)

CIRCUIT	DESCRIPTION	COLOR
854	C. S. RELAY TO STARTER SOLENOID "I" TERM.	BROWN
855	TRANSISTOR UNIT TO PICK-UP COIL	VIOLET
856	PICK-UP COIL TO TRANSISTOR UNIT	ORANGE
857	TRANSISTOR UNIT TO START TERM. TO STARTER RELAY	WHITE
858	MAKE READY SWITCH TO BRAKE PEDAL PAD SWITCH	RED
859	BRAKE PEDAL PAD SWITCH TO CONTROL RELAY TERM. NO. 4	YELLOW
860	MAKE READY SWITCH TO SET SPEED SWITCH	VIOLET-WHITE STRIPE
861	RETARD SWITCH TO CONTROL RELAY TERM. NO. 7	BLUE-WHITE STRIPE
862	RESUME SWITCH TO CONTROL RELAY TERM. NO. 8	WHITE-BLUE STRIPE
863	BRAKE SWITCH TO HOLDING RELAY	BLACK-YELLOW STRIPE
864	BRAKE SWITCH TO 20 M.P.H. SWITCH	ORANGE
865	SELECTOR SWITCH TO WARNING LAMP (LOW OIL PRESSURE)	BLACK
866	CONTROL SWITCH TO OIL PRESSURE PUMP	BLACK
867	IGNITION SWITCH TO OIL PRESSURE SWITCH	RED
868	OIL PRESSURE SWITCH TO CONTROL SWITCH	RED-BROWN STRIPE
869	RETARD VALVE TO CONTROL RELAY TERM. NO. 1	GREEN-YELLOW STRIPE
870	EMERGENCY STOP LAMP SWITCH TO TRACTOR–TRAILER PLUG	BLACK-WHITE STRIPE
871	LOCK-IN VALVE TO CONTROL RELAY TERM. NO. 2	RED-WHITE STRIPE
872	STARTER MOTOR RELAY TO CONTROL RELAY TERM. NO. 11	RED-BLUE STRIPE
873	HEADLAMP SWITCH "R" TERM. TO ASH RECPT. LAMP FEED	WHITE-BLACK STRIPE
876	HEADLAMP SW. BATT. TERM. TO ALT. "A" TERM.	YELLOW
877	ALT. "F" TERM. TO REG. "F" TERM.	WHITE
878	REG. "A" TERM. TO IGN. SW. COIL TERM.	GREEN
879	BLOWER SW. MED. NO. 1 THRU RESISTOR TO HI BLOWER MOTOR FIELD	BLACK-ORANGE STRIPE
880	BLOWER SW. MED. NO. 2 TO LOW BLOWER MOTOR FIELD	BLACK-RED STRIPE
881	20 MPH SWITCH TO CONTROL RELAY TERMINAL NO. 16	GRAY
882	A/C BLOWER SW. TO A/C REFRIGERANT SOL. FEED	WHITE
883	CIRCUIT BREAKER TO A/C CONTROL RELAY	ORANGE
884	A/C CONTROL RELAY TO A/C SW. (FEED)	YELLOW
885	ACCY. TERM. IGN. SW. TO A/C CONTROL RELAY	WHITE
886	LAMP TO SENDING UNIT	BLUE
887	SPLICE TO OIL TEMP. ENG.	RED
888	W/SHIELD WIPER SWITCH TO RELAY	RED
889	W/SHIELD WIPER SWITCH TO RELAY	GREEN
890	W/SHIELD WIPER SW. TO RELAY	YELLOW
891	W/SHIELD WIPER MOTOR TO RELAY	YELLOW-BLACK STRIPE
892	W/SHIELD WIPER SW. TO RELAY	BLUE
893	W/SHIELD WIPER MOTOR TO RELAY	BLUE-ORANGE STRIPE
895	IGN. SW. TO W/SHIELD WIPER MOTOR CIRCUIT BREAKER	RED
896	IGN. SW. COIL TERM. TO IND. LAMPS, OIL PRESS. & WATER TEMP.	BLACK
897	CONTROL RELAY TO THERMAL RELAY	RED
898	BRAKE SWITCH TO VACUUM SWITCH	GREEN
899	ALTERNATOR NEU.-TERM. TO ALT. REG. (NEU.-TERM.)	RED
900	ALTERNATOR AUX. TERM. TO IGN. SW. ACCY. TERM.	RED-GREEN STRIPE
901	ALTERNATOR AUX. TERM. TO CHARGE IND. LAMP	YELLOW-BLACK STRIPE
902	ALTERNATOR RECTIFIER (-TERM.) TO LOAD	BLACK-YELLOW STRIPE
903	ALTERNATOR AUX. TERM. TO ALT. REG. FIELD FEED TERM.	GREEN-RED STRIPE
904	(COIL/ACCY.) - TERM. OF IGN. SW. TO ALT. REG. (IGN. TERM.)	GREEN-RED STRIPE
905	AIR COND. SW. "MED." TO BLOWER MOTOR	BLUE
906	IGN. SW. (ACCY. TERM.) TO CIRCUIT BREAKER	BLACK-YELLOW STRIPE
907	HOLDING RELAY TO 25 MPH SW.	BLACK-ORANGE STRIPE
908	STARTING MOTOR RELAY TO LOCK IN COIL	YELLOW
910	BRAKE SWITCH TO AIR VALVE	BLUE-WHITE STRIPE
911	FUSE PANEL (ACCY. FEED) TO SPEED REGULATOR SWITCH	ORANGE-WHITE STRIPE
912	SPEED REGULATOR SWITCH TO SELECTOR SWITCH	YELLOW
913	HEATER RESISTOR TO BLOWER MOTOR (HI)	YELLOW
914	FUSE PANEL TO SPEED REG. SW. FEED	GREEN
915	SPEED REG. BRAKE SW. TO SPEED REG. COIL	BLACK-ORANGE STRIPE

CIRCUIT	DESCRIPTION	COLOR
916	SPEED REG. COIL TO AUTOMATIC CONTROL	RED
918	IGN. SW. TO TRANS. NEUTRAL SW.	GREEN
919	TRANS. NEUTRAL SW. TO INDICATOR LAMP	BLUE
920	BRAKE SW. TO SPEED CONTROL REG.	YELLOW
921	SPEED CONTROL "OFF POSITION" TO SPEED REGULATOR	GREEN-VIOLET STRIPE
922	SPEED CONTROL "ON POSITION" TO SPEED REGULATOR	WHITE
923	SPEED CONTROL SW. TO SPEED REG. SOLENOID	VIOLET
924	HOLDING RELAY TO SPEED CONTROL SW. FEED	RED
925	SPEED CONTROL SW. TO SPEED REG. COUPLING COIL	WHITE-ORANGE STRIPE
926	HEATER BLOWER MOTOR SW. TO BLOWER MOTOR MED.	RED-BLUE STRIPE
931	SPEED CONTROL SWITCH TO SPEED REG.	BLACK
932	IGN. SWITCH TO THROTTLE SOLENOID	BLUE
933	EMISSION MODULATOR CONTROL FEED	RED
934	EMISSION SPEED SENSOR TO MODULATOR CONTROL	BLUE
935	TRANSISTOR BASE TERM. TO DIST. TERM. OF IGN. COIL	BLUE
936	TRANSISTOR EMITTER TERM. TO TRANSISTOR TERM. OF IGN. COIL	BLACK
937	EMISSION SPEED SENSOR GROUND	BLACK
939	MODULATOR TO THERMO SWITCH	GRAY
941	WASHER CONTROL SW. TO WASHER PUMP MOTOR FEED	BLACK-WHITE STRIPE
943	TRACTOR TRAILER RELAY "B" TERM. TO TRACTOR TRAILER CIRC. BRKER. LOAD TERM.	GREEN
948	FLASHER TO R. H. LAMP	ORANGE
949	FLASHER TO L. H. LAMP	BLUE
950	FUSE PANEL TO WASHER CONTROL SWITCH	WHITE-BLACK STRIPE
951	WASHER CONTROL SW. TO WASHER PUMP MOTOR FEED	GREEN-BLACK STRIPE
952	BATTERY TO TRACTOR TRAILER CIRC. BREAKER BATT. TERM.	YELLOW-BLUE STRIPE
953	COORDINATOR SW. TO W/SHIELD WIPER MOTOR	WHITE-ORANGE STRIPE
954	W/SHIELD WIPER SW. TO COORDINATOR SW. FEED	BLACK-WHITE STRIPE
955	W/SHIELD WIPER MOTOR ARM RH TO W/S WIPER SWITCH	RED-ORANGE STRIPE
956	W/SHIELD WIPER SW. TO W/SHIELD WIPER MOTOR FIELD RH	GREEN-ORANGE STRIPE
957	W/SHIELD WIPER SWITCH FEED TO IGN. SWITCH	YELLOW
958	ACCY. TERMINAL IGN. SW. TO WASHER CONTROL SW.	WHITE
960	AUX. HEATER FEED TO SWITCH	RED
961	GLOW PLUG SW. TO GLOW PLUG WARNING LAMP	BLACK-WHITE STRIPE
962	DIFF. TEMP. SW. TO FRONT DIFFERENTIAL	RED
963	DIFF. TEMP. TO REAR DIFFERENTIAL	GREEN
964	ALT. TO REG. FIELD CONTROL	BLUE
965	RELAY (BATT. TERM.) TO BATT. CUT-OFF SWITCH	BLACK
968	AXLE TEMPERATURE GAGE TO SELECTOR SWITCH	WHITE-RED STRIPE
970	SELECTOR SWITCH TO FORWARD REAR AXLE SENDING UNIT	RED-WHITE STRIPE
971	SELECTOR SWITCH TO REAR AXLE SENDING UNIT	WHITE-PURPLE STRIPE
973	BATTERY FEED TO FUEL CONTROL VALVE	RED
974	FUEL CONTROL SWITCH TO FUEL CONTROL VALVE	ORANGE
975	TRANSMISSION TEMPERATURE LAMP INDICATOR FEED	RED-GREEN STRIPE
976	FUSE PANEL TO FUEL GAGE INDICATOR	BLACK-GREEN STRIPE
977	BRAKE WARNING SWITCH TO INDICATOR LAMP	VIOLET-WHITE STRIPE
978	TRANSMISSION TEMPERATURE GAGE TO SENDER	YELLOW
984	MARKER LAMP SWITCH TO MARKER LAMP	BROWN
985	TURN SIGNAL RELAY TO LEFT TURN SIGNAL SWITCH	RED
986	TURN SIGNAL RELAY TO RIGHT TURN SIGNAL SWITCH	BROWN
987	TURN SIGNAL RELAY TO LEFT TURN CANCEL SWITCH	RED-BLUE STRIPE
988	TURN SIGNAL RELAY TO RIGHT TURN CANCEL SWITCH	BROWN-BLUE STRIPE
990	RELAY TO INDICATOR LAMP	BLACK-YELLOW STRIPE
993	INTERMITTENT GOVERNOR TO WINDSHIELD WIPER SWITCH	BROWN-WHITE STRIPE
994	ELECTRIC COOLING P.V.S. SWITCH	YELLOW
995	HEADLAMP SWITCH TO LO-BEAM OF HEADLAMP	RED-BLACK STRIPE
996	HEADLAMP SWITCH TO WORKLAMP	YELLOW-BLACK STRIPE
997	IMPLEMENT LAMP SW. TO IMPLEMENT LAMP	BROWN-YELLOW STRIPE
998	HEADLAMP SWITCH TO HI-BEAM OF HEADLAMP	GREEN-BLACK STRIPE

SYSTEM

WIRING C0L0R KEY
PRIMARY C0L0RS

BLACK	BK
BLUE	BL
BR0WN	BR
GRAY	GY
GREEN	GR
0RANGE	0
PURPLE	P
RED	R
WHITE	W
YELL0W	Y

STRIPE IS UNDERST00D AND HAS N0 C0L0R KEY

STRIPE 0PTI0NAL WHEN CIRCUIT NUMBER HAS (■)

BULB CHART

LAMP DESCRIPTI0N	TRADE NUMBER
4 WHEEL DRIVE INDICAT0R	194
A/C & HEATER CONTR0LS ILLUM.	161
ALTERNAT0R WARNING INDICAT0R	194
CARG0	105
CLUSTER ILLUMINATI0N (2)	194 (2)
D0ME	561
DUAL BRAKE WARNING INDICAT0R	194
ENGINE COMPARTMENT	89
GL0VE B0X SWITCH	1816
HDLP SW / W/S/W/WASHER ILLUM.	1445
HEATED BACKLITE WARNING IND.	2162
HI BEAM INDICAT0R	194
I/P ASH TRAY ILLUMINATI0N	1892
L.H. BACKUP	1156
L.H. FR0NT MARKER	1895
L.H. FR0NT SIDE MARKER	194
L.H. L0 BEAM HEAD	6012
L.H. MIRR0R MARKER	194
L.H. REAR MARKER	1895
L.H. REAR SIDE MARKER	194
L.H. FR0NT PARK & T/S	1157NA
L.H. I/P COURTESY	89
L.H. ST0P PARK & T/S	1157
L.H. TURN INDICAT0R	194
LICENSE	194
0IL PRESSURE WARNING IND.	194
PRNDL ILLUMINATI0N (C0LUMN)	1445
R.H. BACKUP	1156
R.H. FR0NT MARKER	1895
R.H. FR0NT SIDE MARKER	194
R.H. L0 BEAM HEAD	6012
R.H. MIRR0R MARKER	194
R.H. REAR MARKER	1895
R.H. REAR SIDE MARKER	194

BULB CHART

LAMP DESCRIPTI0N	TRADE NUMBER
R.H. FR0NT PARK & T/S	1157NA
R.H. I/P C0URTESY	89
R.H. ST0P PARK & T/S	1157
R.H. TURN INDICAT0R	194
REAR MARKER	1895 (3)
R00F MARKER	168 (5)
SEAT BELTS WARNING INDICAT0R	194
STEREI0 INDICAT0R	1892
AM RADI0	1893
AM/FM M0NAURAL RADI0	1893
AM/FM/MPX RADI0	1893
AM/FM/MPX RADI0	1892

COMPONENT — PAGE L0C

GR0UND C0DES

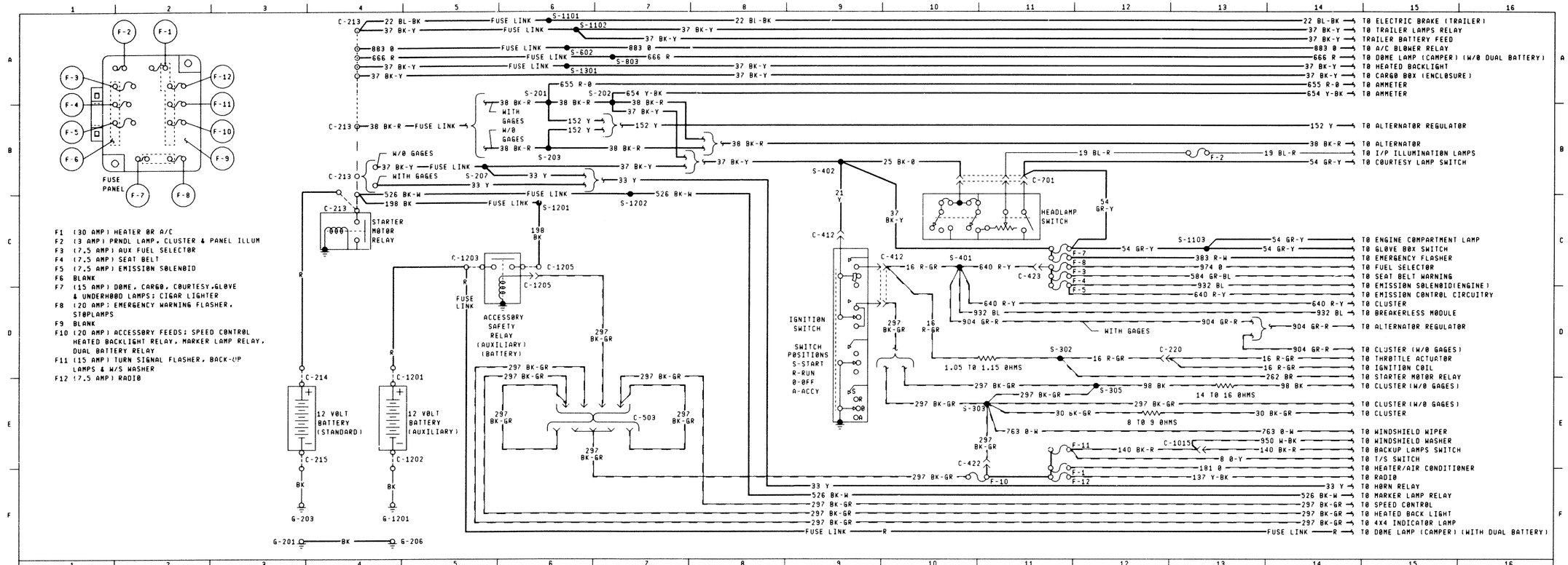
SPLICE C0DES

ELECTRICAL SYSTEMS 1977 F-100-350
INDEX-SYSTEM AND COMPONENT

EFFECTIVE P.C.R.
SUPERSEDES
DATE

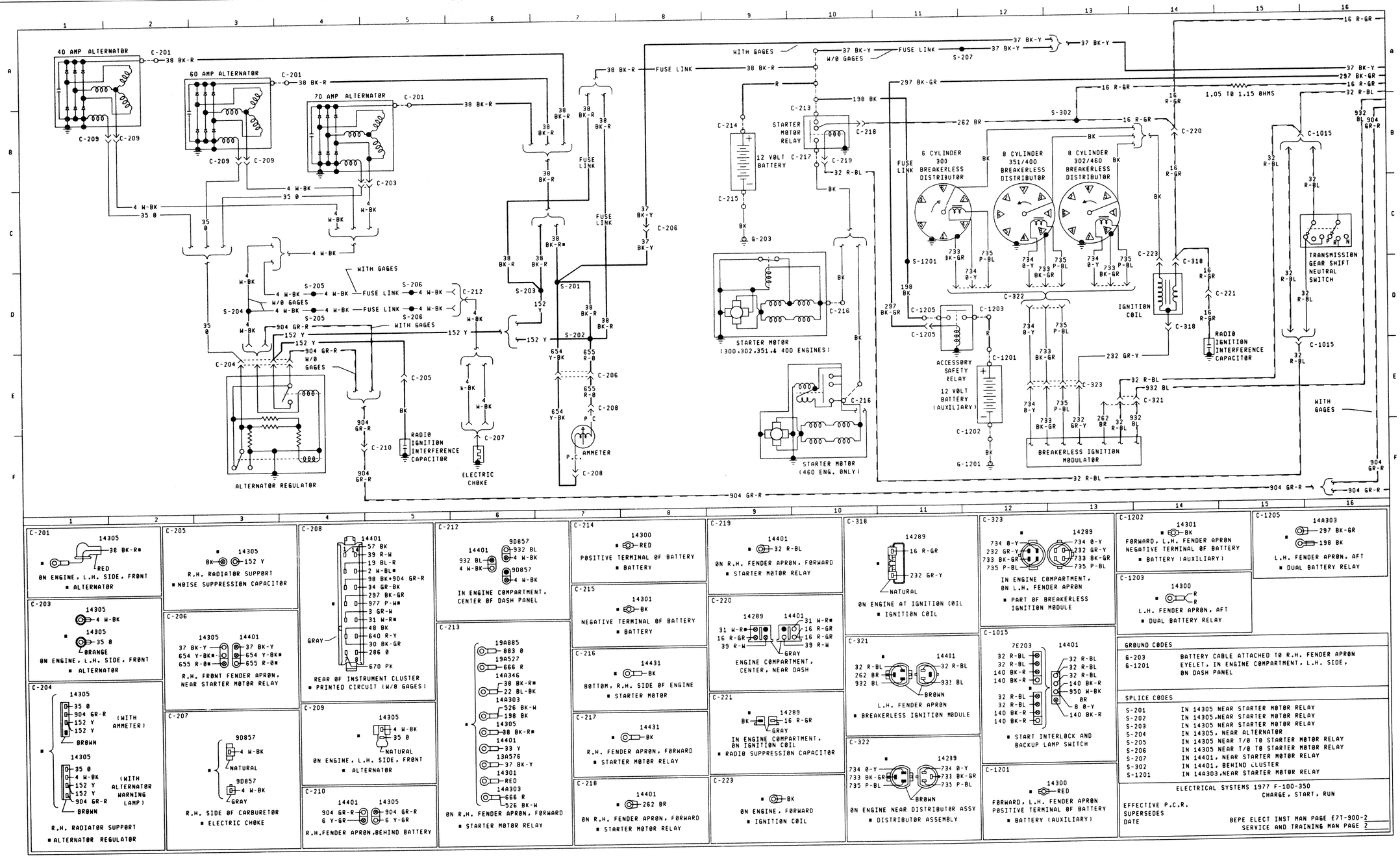
BEPE ELECT INST MAN PAGE E7T-900-INDEX
SERVICE AND TRAINING MAN PAGE INDEX

365-198S-77



ELECTRICAL SYSTEMS 1977 F-100-350
POWER DISTRIBUTION

EFFECTIVE P.C.R.
SUPERSEDES
DATE



C-201
14305
38 BK-R■
■ RED
ØN ENGINE, L.H. SIDE, FRØNT
■ ALTERNATØR

C-203
14305
4 W-BK
14305
35 Ø
■ ØRANGE
ØN ENGINE, L.H. SIDE, FRØNT
■ ALTERNATØR

C-204
14305
35 Ø
904 GR-R
152 Y
152 Y
BRØWN
(WITH AMMETER)
14305
35 Ø
4 W-BK
152 Y
904 GR-R
BRØWN
(WITH ALTERNATØR WARNING LAMP)
R.H. RADIATØR SUPPØRT
■ ALTERNATØR REGULATØR

C-205
14305
BK 152 Y
R.H. RADIATØR SUPPØRT
■ NØISE SUPPRESSIØN CAPACITØR

C-206
14305 14401
37 BK-Y 37 BK-Y
654 Y-BK■ 654 Y-BK■
655 R-Ø■ 655 R-Ø■
R.H. FRØNT FENDER APRØN, NEAR STARTER MØTØR RELAY

C-207
9D857
4 W-BK
NATURAL
9D857
4 W-BK
GRAY
R.H. SIDE ØF CARBURETØR
■ ELECTRIC CHØKE

C-208
14401
57 BK
39 R-W
19 BL-R
2 W-BL■
98 BK•904 GR-R
34 GR-BK
297 BK-GR
977 P-W■
3 GR-W
31 W-R■
48 BK
640 R-Y
30 BK-GR
286 Ø
670 PK
GRAY
REAR ØF INSTRUMENT CLUSTER
■ PRINTED CIRCUIT (W/Ø GAGES)

C-209
14305
4 W-BK
35 Ø
NATURAL
ØN ENGINE, L.H. SIDE, FRØNT
■ ALTERNATØR

C-210
14401 14305
904 GR-R 904 GR-R
6 Y-GR 6 Y-GR
R.H.FENDER APRØN,BEHIND BATTERY

C-212
14401 9D857
932 BL 932 BL
4 W-BK 4 W-BK
9D857
4 W-BK
IN ENGINE CØMPARTMENT, CENTER ØF DASH PANEL

C-213
19A885
883 Ø
19A527
666 R
14A346
38 BK-R■
22 BL-BK
14A303
526 BK-W
198 BK
14305
38 BK-R■
14401
33 Y
13A576
37 BK-Y
14301
RED
14A303
666 R
526 BK-W
ØN R.H. FENDER APRØN, FØRWARD
■ STARTER MØTØR RELAY

C-214
14300
■ RED
PØSITIVE TERMINAL ØF BATTERY
■ BATTERY

C-215
14301
■ BK
NEGATIVE TERMINAL ØF BATTERY
■ BATTERY

C-216
14431
■ BK
BØTTØM, R.H. SIDE ØF ENGINE
■ STARTER MØTØR

C-217
14431
■ BK
R.H. FENDER APRØN, FØRWARD
■ STARTER MØTØR RELAY

C-218
14401
262 BR
ØN R.H. FENDER APRØN, FØRWARD
■ STARTER MØTØR RELAY

C-219
14401
■ 32 R-BL
ØN R.H. FENDER APRØN, FØRWARD
■ STARTER MØTØR RELAY

C-220
14289 14401
31 W-R■ 31 W-R■
16 R-GR 16 R-GR
16 R-GR 16 R-GR
39 R-W 39 R-W
GRAY
ENGINE CØMPARTMENT, CENTER, NEAR DASH

C-221
14289
BK 16 R-GR
GRAY
IN ENGINE CØMPARTMENT, ØN IGNITIØN CØIL
■ RADIØ SUPPRESSIØN CAPACITØR

C-223
■ BK
ØN ENGINE, FØRWARD
■ IGNITIØN CØIL

C-318
14289
16 R-GR
232 GR-Y
NATURAL
ØN ENGINE AT IGNITIØN CØIL
■ IGNITIØN CØIL

C-321
14401
32 R-BL 32 R-BL
262 BR
932 BL 932 BL
BRØWN
L.H. FENDER APRØN
■ BREAKERLESS IGNITIØN MØDULE

C-322
14289
734 Ø-Y 734 Ø-Y
733 BK-GR 733 BK-GR
735 P-BL 735 P-BL
BRØWN
ØN ENGINE NEAR DISTRIBUTØR ASSY
■ DISTRIBUTØR ASSEMBLY

C-323
14289
734 Ø-Y 734 Ø-Y
232 GR-Y 232 GR-Y
733 BK-GR 733 BK-GR
735 P-BL 735 P-BL
IN ENGINE CØMPARTMENT, ØN L.H. FENDER APRØN
■ PART ØF BREAKERLESS IGNITIØN MØDULE

C-1015
7E203 14401
32 R-BL 32 R-BL
32 R-BL 32 R-BL
140 BK-R 32 R-BL
140 BK-R 140 BK-R
950 W-BK
ØR
8 Ø-Y
140 BK-R
32 R-BL
32 R-BL
140 BK-R
140 BK-R
■ START INTERLØCK AND BACKUP LAMP SWITCH

C-1201
14300
■ RED
FØRWARD, L.H. FENDER APRØN
PØSITIVE TERMINAL ØF BATTERY
■ BATTERY (AUXILIARY)

C-1202
14301
■ BK
FØRWARD, L.H. FENDER APRØN
NEGATIVE TERMINAL ØF BATTERY
■ BATTERY (AUXILIARY)

C-1203
14300
■ R R
L.H. FENDER APRØN, AFT
■ DUAL BATTERY RELAY

C-1205
14A303
297 BK-GR
198 BK
L.H. FENDER APRØN, AFT
■ DUAL BATTERY RELAY

GRØUND CØDES

G-203	BATTERY CABLE ATTACHED TØ R.H. FENDER APRØN
G-1201	EYELET, IN ENGINE CØMPARTMENT, L.H. SIDE, ØN DASH PANEL

SPLICE CØDES

S-201	IN 14305 NEAR STARTER MØTØR RELAY
S-202	IN 14305,NEAR STARTER MØTØR RELAY
S-203	IN 14305 NEAR STARTER MØTØR RELAY
S-204	IN 14305, NEAR ALTERNATØR
S-205	IN 14305 NEAR T/Ø TØ STARTER MØTØR RELAY
S-206	IN 14305 NEAR T/Ø TØ STARTER MØTØR RELAY
S-207	IN 14401, NEAR STARTER MØTØR RELAY
S-302	IN 14401, BEHIND CLUSTER
S-1201	IN 14A303,NEAR STARTER MØTØR RELAY

ELECTRICAL SYSTEMS 1977 F-100-350
CHARGE, START, RUN

EFFECTIVE P.C.R.
SUPERSEDES
DATE

Ford

1977 TRUCK SHOP MANUAL

Source Document
Extract Only
Volume 3 - Electrical

	Index	Group
VOL 1	Identification Codes	10
	Wheels and Tires	11 (1000)
	Brakes	12 (2000)
	Steering	13 (3000)
	Suspension	14 (3000 & 5000)
	Driving Axles and Drive Shafts	15 (4000)
	Clutch and Manual Transmission	16 (7000)
	Automatic Transmission	17 (7-7000)
	Noise, Vibration and Harshness Diagnosis	18
VOL 2	Identification Codes	20
	Gasoline Engines	21 (6000 & 9000)
	Diesel Engines	22 (6000D)
		(12000)
		(9000)
		(9000D)
		(5000)
		(8000)
		(11000)
	Emission Controls	29 (9000)
VOL 3&4	Identification Codes	30
	Charging System	31 (10000)
	Lighting System	32 (13000)
	Instruments, Clusters and Controls	33 (10000-19000)
	Main Wiring Harnesses and Circuit Protection	34 (14000)
	Auxiliary Equipment	35 (17000 & 18000)
	Ventilating, Heating and Air Conditioning	36 (18000 & 19000)
	Speed Control	37 (19000)
	Seats	41 (70000)
	Window Glass and Mechanisms	42 (70000)
	Stationary Window Glass	43 (70000)
	Doors, Hood & Tailgate	44 (16000 & 70000)
	Interior Trim	45 (70000)
	Tops	46 (70000)
	Body Shell, Exterior Trim, Frame & Underbody	47 (70000)

VOL. 5 Pre-Delivery Maintenance and Lubrication

BOOK 1 of 2

GROUP AND PART INDEX

foreword...

This 1977 Truck Shop Manual has been prepared to provide information covering normal service repairs and maintenance for 1977 Ford Trucks manufactured in the United States and Canada. It is divided into five volumes, each covering a specific major area:

Volume 1 — Chassis
Volume 2 — Engine
Volumes 3 & 4 — Body and Electrical
Volume 5 — Pre-Delivery, Maintenance and Lubrication.

Information in each volume is divided into Groups covering a general system. The table of contents on the cover of each volume indicates the Group title, number, and volume in which each Group is located.

For 1977, the basic part number for components covered in the Group is also included in parenthesis after the Group number.

Example: Cooling System (General System Covered in Group) Group 27 (Group Number) (8000) (Basic Part Number for Cooling System Components)

Some components covered within a Group do not have the same basic part number. In these cases, more than one basic part number will appear on the Group index.

Example: Gasoline Engines (General System Covered in Group) Group 21 (6000 (Basic Part Number for Gasoline Engine Components) & 9000) (Intake and Exhaust Manifold Basic Part Number Only)

For easy reference, information in each Group has been divided into smaller units or Parts. There is one Part for each component in the system, as well as a General Service Part in some Groups to cover procedures common to several components within the Group. In general, each Part contains the Description, Operation, Diagnosis and Testing, Removal and Installation and Disassembly and Assembly procedures for the component covered in the Part. Diagnosis Charts are also included in some Parts to help you systematically locate and correct problems encountered. In most cases, specifications are included at the end of each Part.

To aid in locating specific items in this manual, the index at the front of each volume provides an alphabetical listing, with page number, for all Parts in the volume. The tab locator on the right side of this index will help you find the first page of each Group.

On the first page of each Group there is an index listing the Part title and Part number for each component covered within the Group. The first page of each Part contains an index to locate service operations covered in that Part. This Group-Part breakdown is also indicated in the page number located at the top of each page.

Example: 11-02-21 = (Group) 11 — (Part) 02 — (Page) 21

Metric conversion tables have been included at the back of each volume to aid in converting specifications in this manual to the metric equivalent.

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

Ford Parts and Service Division
Training and Publications Department

IDENTIFICATION CODES

GROUP 30

GENERAL INFORMATION

VEHICLE CERTIFICATION LABEL

The Vehicle Certification Label (V.C. Label) is attached to the rear face of the driver's door or door pillar. The upper half of the label contains the name of the manufacturer, the month and year of manufacture and the certification statement. The V.C. Label also contains the Vehicle Identification Number.

The remaining information codes on the V.C. Label are the same as the Truck Rating Plate Codes (Fig. 1). Vehicle codes shown on the Truck Rating Plate are explained in the following paragraphs.

RATING PLATE

Fig. 1 illustrates a typical Truck Rating Plate. On light and medium cowl and windshield vehicles, the Rating Plate is mounted on the right side of the cowl top panel under the hood. On stripped Parcel Delivery vehicles, the rating plate is placed in an envelope stapled to the dunnage box. On Bronco models, the plate is mounted on the inside panel of the glove compartment door. On all other vehicles, the Rating Plate is mounted on the rear face of the left front door.

VEHICLE IDENTIFICATION NUMBER (Vehicle Serial and Warranty)

The identification number is the first line of numbers and letters appearing on the Rating Plate (Fig. 1). The first letter and two numbers indicate the truck series code. The letter following the truck series code designates the engine identification code. The letter following the engine identification code indicates the assembly plant at which the vehicle was built. The remaining numbers indicate the consecutive unit number (serial and warranty number). The charts that follow list the various vehicle identification number codes.

VEHICLE DATA

The Vehicle Data appears on the Rating Plate on the two lines following the identification number. The first three digits under W.B. designate the wheelbase in inches. The one or two letters under COLOR identify the exterior paint color (two letters designate a two-tone). The letter and three digits under TYPE/G.V.W. designate the truck model within a series and the gross vehicle weight rating. The letter and numerals under BODY designate the interior trim, seat and body type. (See Figs. 2, 3 and 4.) The transmission installed in the vehicle is identified under TRANS by either a numeric or alphabetical code (if two symbols appear, the first identifies the auxiliary transmission, if so equipped, and the second symbol identifies the main transmission). A letter and a number of two numbers under AXLE identify the rear axle ratio (when required, a letter is also stamped behind the rear axle code to identify the front axle capacity). The maximum gross vehicle weight in pounds is stamped under MAX. G.V.W.

A two-digit number is stamped under D.S.O. to identify the district which ordered the vehicle. If the vehicle is built to special order (Domestic Special Order, Foreign Special Order, Limited Production Option, or other special order), the complete order number will also appear under D.S.O. The charts that follow list the various vehicle data codes.

W.B. (WHEELBASE)

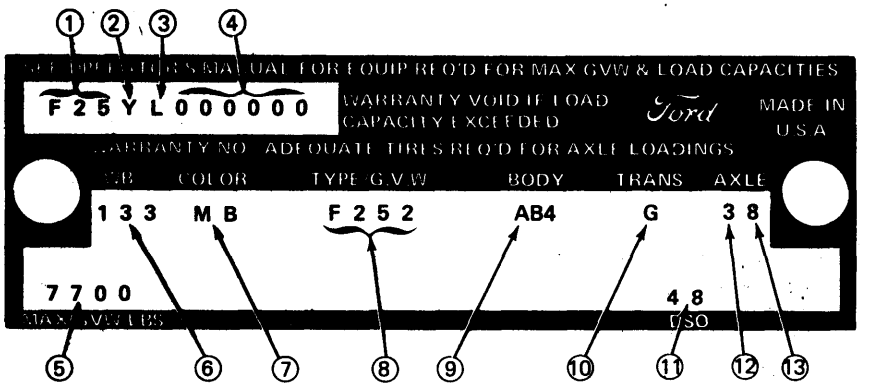
The wheelbase in inches is entered in this space.

MAX. G.V.W. LBS

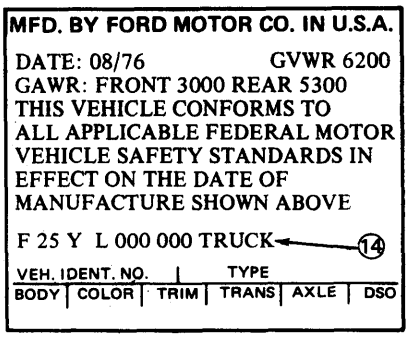
The maximum gross vehicle weight in pounds is recorded in this space.

D.S.O.

If vehicle is built on a D.S.O., F.S.O., L.P.O. (special orders) the complete order number will be reflected under the D.S.O. space including the District Code Number.



① TRUCK SERIES CODE
② ENGINE CODE
3 ASSEMBLY PLANT CODE
④ CONSECUTIVE UNIT AND WARRANTY NO.
⑤ RECOMMENDED MAX. GROSS VEHICLE WEIGHT
⑥ WHEEL BASE
⑦ EXTERIOR PAINT CODES
⑧ MODEL CODE AND GVW
⑨ INTERIOR TRIM, SEAT AND BODY/CAB TYPE
⑩ TRANSMISSION CODE



VEHICLE CERTIFICATION LABEL

⑪ DISTRICT/SPECIAL ORDER CODES
⑫ REAR AXLE CODES
⑬ FRONT AXLE CODES (IF SO EQUIPPED)
⑭ VEHICLE TYPE

W1017-K

FIG. 1 Typical Truck Rating Plate and Vehicle Certification Label

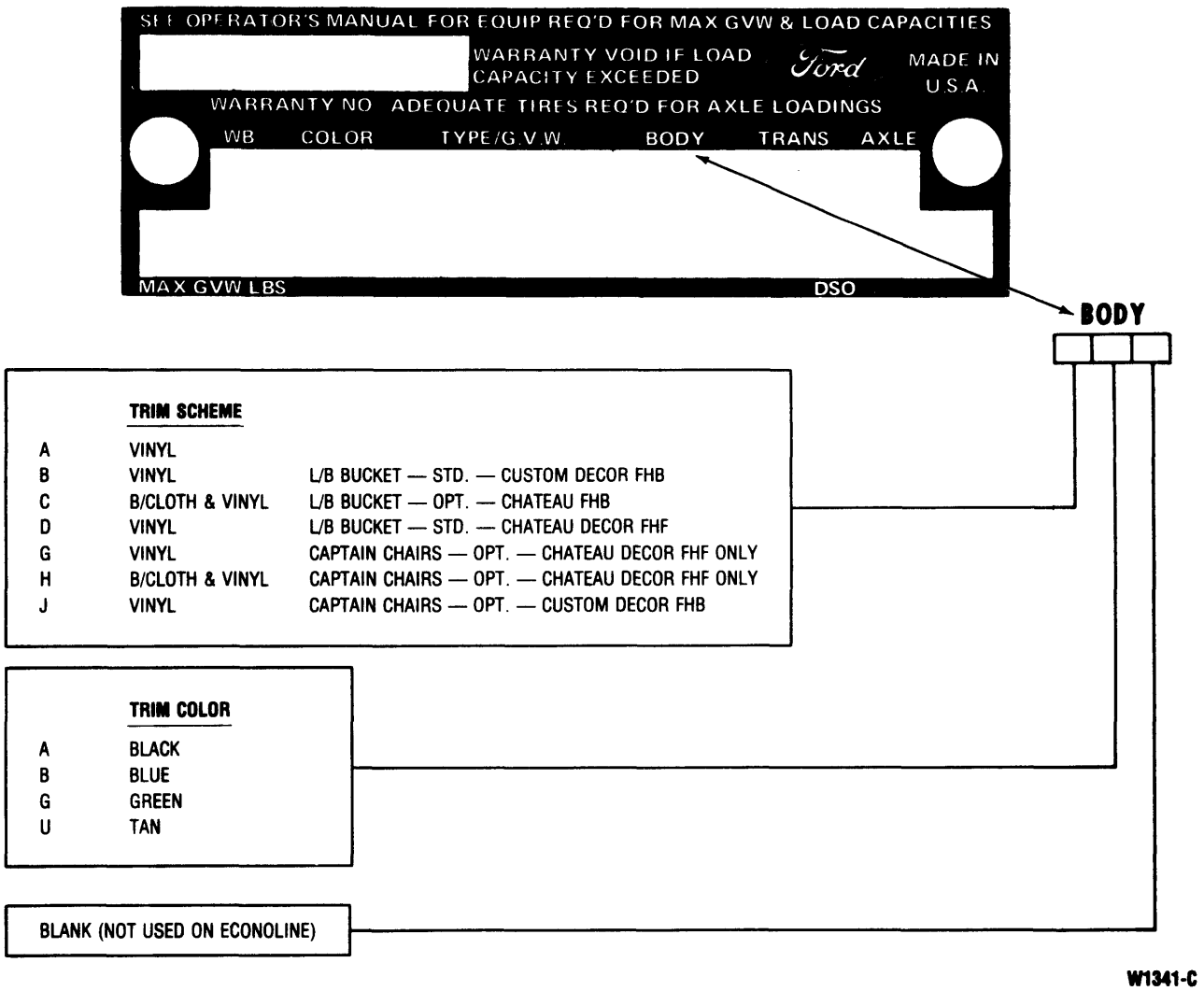
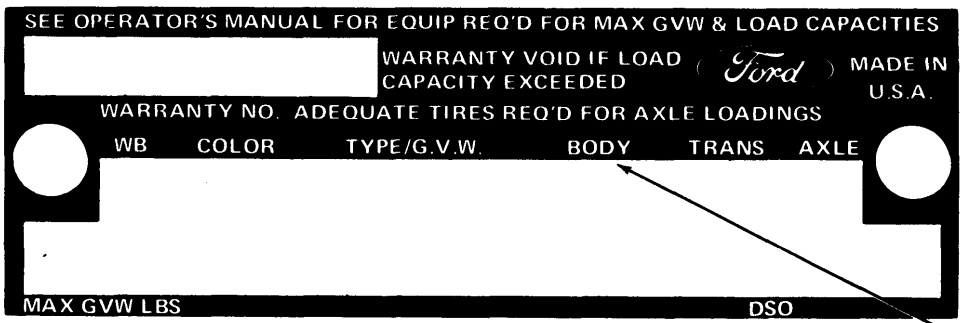


FIG. 2 Trim, Seat, Body/Cab Type Identification—Econoline-Vans and Club Wagons



BODY

ON COWL/WINDSHIELD BUS & PARCEL UNITS THE FIRST TWO SPACES REMAIN BLANK

TRIM SCHEME & SEAT TYPE

BRONCO

A	B/CLOTH — VINYL	LPB BUCKET
R	KNIT & VINYL	L/B BUCKET
S	KNIT & VINYL	L/B BUCKET

LIGHT TRUCKS — CUSTOM CAB

A	COLTON VINYL	STANDARD	L/B BENCH
D	KNIT & VINYL	DECOR	L/B BENCH
G	LEATHER VINYL	HEAVY DUTY	L/B BENCH

F500 — F600 CABS

A	VINYL	STANDARD TRIM STANDARD CAB L/B BENCH
D	KNIT & VINYL	OPTIONAL TRIM STANDARD CAB L/B BENCH
E	KNIT & VINYL	OPTIONAL CUSTOM CAB
G	LEATHER VINYL	OPTIONAL HEAVY DUTY STANDARD CAB
H	LEATHER VINYL	OPTIONAL HEAVY DUTY CUSTOM CAB L/B BENCH
K	LEATHER VINYL	OPTIONAL BOSTROM SEAT STANDARD CAB L/B BUCKET
L	LEATHER VINYL	OPTIONAL BOSTROM SEAT CUSTOM CAB

RANGER CAB

B	VINYL	STANDARD	L/B BENCH
E	KNIT & VINYL	OPTIONAL	L/B BENCH
H	LEATHER VINYL	HEAVY DUTY	L/B BENCH

RANGER CAB XLT

C	B/CLOTH & VINYL		L/B BENCH
F	KNIT & VINYL		L/B BENCH
J	LEATHER VINYL	HEAVY DUTY	L/B BENCH
L	VINYL SUPER SOFT		L/B BENCH
K	B/CLOTH & VINYL	LUXURY DECOR	L/B BENCH

TRIM COLOR

A	BLACK
B	BLUE
D	RED
G	GREEN
U	TAN
V	PARCHMENT

HD BLACK SEAT WITH COLOR COMPONENTS

N	RED
Q	BLUE
4	TAN
5	GREEN
A	BLACK

CAB/BACK OF CAB

F100-350

6-MAN CREW CAB	SUPER CAB	REGULAR	SPECIFICATIONS
—	—	3	FLARESIDED PICK-UP
D	M	4	STYLESIDE PICK-UP
—	—	5	PLATFORM STAKE
—	—	7	COWL
G	P	8	CHASSIS CAB
—	—	9	PLATFORM

F/B 500-600

	SPECIFICATIONS
7	COWL
8	CHASSIS CAB STEEL REGULAR
G	CHASSIS CREW CAB
6	CHASSIS CAB STEEL, FIRE TRUCK REGULAR

W1342-C

FIG. 3 Trim, Seat, Body/Cab Type Identification — Bronco — Light and Medium Trucks — School Bus — 100 Thru 600

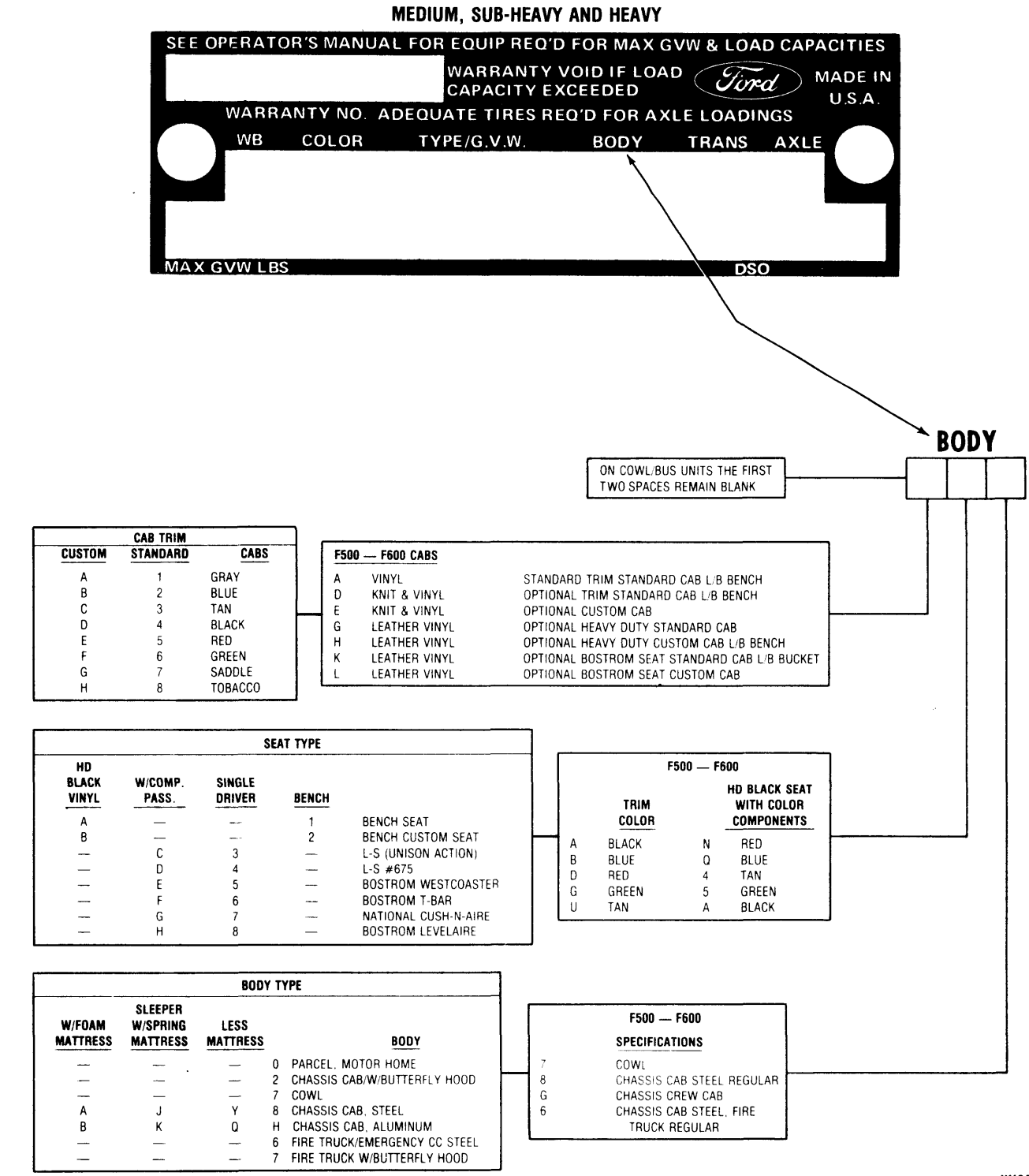


FIG. 4 Trim, Seat, Body/Cab Type Identification — Parcel Medium, Sub Heavy and Heavy (500 Thru 9000 Series)

MEDIUM CONVENTIONAL 'F' SERIES TRIM SCHEMES

ENGINEERING CODE	COMPONENT COLOR	RATING PLATE TRIM CODE	TRIM SCHEME	MODEL/SERIES
			COLTON/KIWI — ALL VINYL	
			(A1 BENCH — BASE DOOR PANEL)	
			STANDARD TRIM	81A — STANDARD CAB
AA		AA	BLACK	F500-600
			LEATHER GRAIN — H.D. VINYL	
			(A5 BENCH — BASE DOOR PANEL)	
			OPT. H.D. VINYL FOR STD. TRIM	81A — STANDARD CAB
GA	W/BLACK	GA	BLACK	F500-600
			VILON KNIT/KIWI ALL VINYL	
			(A4 BENCH — BASE DOOR PANEL)	
			OPT. KNIT VINYL FOR STD. TRIM	81A STANDARD CAB
DA		DA	BLACK	
DB		DB	MED. BLUE	
DD		DD	RED, DK. RED	F500-600
DU		DU	TAN	
DR		DR	MED. GREEN	
			VILON KNIT/KIWI — ALL VINYL	
			(A4 BENCH — CUSTOM DOOR PANEL)	
			CUSTOM TRIM	81B — CUSTOM CAB
EA		EA	BLACK	
EB		EB	MED. BLUE	
ED		ED	RED, DK. RED	F500-600
EU		EU	TAN	
EG		EG	MED. GREEN	
			LEATHER GRAIN — H.D. VINYL	
			(A5 BENCH — CUSTOM DOOR PANEL)	
			OPT. H.D. VINYL FOR CUSTOM TRIM	81B — CUSTOM CAB
	W/BLACK	HA		
	W/BLUE	HO		
HA	W/RED	HN	BLACK	F500-600
	W/TAN	H4		
	W/GREEN	H5		

CY1726-B

FIG. 5 Trim, Seat, Body/Cab Type Identification

MED. HEAVY CONVENTIONAL 'F' SERIES TRIM SCHEMES

ENGINEERING CODE	COMPONENT COLOR	RATING PLATE TRIM CODE	TRIM SCHEME	MODEL/SERIES
			COLTON/KIWI — ALL VINYL	
			(A1 BENCH — BASE DOOR PANEL)	
			STANDARD TRIM	81A STANDARD CAB
AA		41	BLACK MET.	F/100-750
			LEATHER GRAIN — HD VINYL	
			(A5 BENCH — BASE DOOR PANEL)	
			OPT. H.D. VINYL FOR STD. TRIM	81A STANDARD CAB
GA		4A	BLACK	700-750 STD. TRIM FOR F6000-7000
			VILON KNIT/KIWI — ALL VINYL	
			(A4 BENCH — BASE DOOR PANEL)	
			OPT. KNIT VINYL FOR STD. TRIM	81A STANDARD CAB
DA		42	BLACK MET.	
DB		22	MED. BLUE MET.	
DD		52	RED, DK. RED MET.	F700-750, F6000-7000
DU		32	TAN	
DG		62	MED. GREEN MET.	
			VILON KNIT/KIWI — ALL VINYL	
			(A4 BENCH — CUSTOM DOOR PANEL)	
			MED. TRUCK CUSTOM TRIM	81B CUSTOM CAB
EA		D1	MED. BLUE MET.	
ED		E1	RED, DK. RED MET.	F700-750, F6000-7000
EU		C1	TAN	
EG		F1	MED. GREEN MET.	
			LEATHER GRAIN — HD VINYL	
			(A5 BENCH — CUSTOM DOOR PANEL)	
			OPT. H.D. VINYL FOR CUSTOM TRIM	81B CUSTOM CAB
	W/BLACK	DA		
	W/BLUE	BA		
HA	W/RED	EA	BLACK	F700-750, F6000-7000
	W/GINGER	CA		
	W/GREEN	FA		
			INDIVIDUAL SEATS	
			BOSTROM VIKING	
	DRIVER	**DRIVER W/PASSENGER**		
			LEATHER GRAIN — ALL VINYL	
			(A6 BOSTROM — BAS DOOR PANEL)	
			OPT. SEAT FOR STD. TRIM	81A STANDARD CAB
KA	46	4F	BLACK	F700-750-7000
			LEATHER GRAIN — ALL VINYL	
			(A6 BOSTROM — CUSTOM DOOR PANEL)	
			OPT. SEAT FOR CUSTOM TRIM	81D CUSTOM CAB
LA	D6	DF	BLACK	F700-750-7000

CY1727-B

FIG. 6 Trim, Seat, Body/Cab Type Identification

CONVENTIONAL "L" SERIES TRUCK TRIM

ENGR. CODE	RATING PLATE TRIM CODE				TRIM SCHEME	MODEL SERIES
	STD.	H.D.	COMFORT (STD. CAB)	CUSTOM		
					BENCH SEATS	
					CITY DELIVERY STANDARD CAB TRIM-BENCH-(A1)	
					% LANARK REPEAT/ROMAINE VINYL	
1Z	81				DK. TOBACCO	F-FT-FTS-N-NT800, N600-700-750 (L-LT-LTS-LN-LNT800-LN-600-700-750)
					CITY DELIVERY OPT. COMFORT SEAT FOR STD. CAB-BENCH-(A2)	
					% DIAMOND BASKETWEAVE/ROMAINE VINYL	
BZ			82		DK. TOBACCO	F-FT-FTS-N-NT800-900-8000 (L-LT-LTS-LN-LNT800-900-8000) N-600-700-750-6000-7000 (LN600-700-750-6000-7000)
					CITY DELIVERY OPT. H.D. VINYL FOR STD. CAB-BENCH-(A3)	
					% LEATHER GRAIN H.D. VINYL	
CL		4A	4B		BLACK	F-FT-FTS-NT800, N600-700-750-800 (L-LT-LTS-LNT800, LN600-700-750-800)
					AS STANDARD SEAT FOR STANDARD CAB-BENCH-(A3)	
					% LEATHER GRAIN H.D. VINYL	
CL	4A		4B		BLACK	F-FT-FTS-N-NT900-8000, N6000-7000 (L-LT-LTS-LN-LNT900-8000, LN-6000-7000)
					CITY DELIVERY CUSTOM TRIM-BENCH-(A2)	
					% DIAMOND BASKETWEAVE/ROMAINE VINYL	
2Z				H2	DK. TOBACCO	N600-700-750-800-900-6000-7000-8000 F-FT-FTS-NT800-900-8000 (LN600-700-750-800-900-6000-7000-8000, L-LT-LTS-LNT-800-900-8000)
					CITY DELIVERY OPT. H.D. VINYL FOR CUSTOM CAB-BENCH-(A3)	
					% LEATHER GRAIN H.D. VINYL	
3L				DB	BLACK	N600-700-750-800-900-6000-7000-8000 F-FT-FTS-NT600-900-8000 (LN600-700-750-800-900-6000-7000-8000, L-LT-LTS-LNT800-900-8000)

() AS IDENTIFIED BY SALES
% NOT AVAILABLE WITH LINE HAUL INSTRUMENT PANEL

CY1728-B1

FIG. 7 Trim, Seat, Body/Cab Type Identification

CONVENTIONAL "L" SERIES TRUCK TRIM

ENGINEERING CODE	RATING PLATE TRIM CODE DRIVER	RATING PLATE TRIM CODE DRIVER W. PASSENGER	TRIM SCHEME	MODEL SERIES
			INDIVIDUAL SEATS	
			(L.S.) UNISON ACTION — (A4)	
			AS STANDARD SEAT FOR STANDARD CAB	
			#CLARION KNIT/RUFFINO VINYL	
DZ	83	8C	DK. TOBACCO	F-FT-FTS-N-NT900 (L-LT-LTS-LN-LNT9000)
			AS OPTIONAL SEAT FOR STANDARD CAB	
			#CLARION KNIT/RUFFINO VINYL	
DZ	83	8C	DK. TOBACCO	N600-700-750-6000-7000, F-FT-FTS-N-NT800-900-8000 (LN600-700-750-6000-7000 L-LT-LTS-LN-LNT800-900-8000)
			AS STD. SEAT FOR CUSTOM CAB (DIESEL)	
			#CLARION KNIT/RUFFINO VINYL	
4Z	H3	HC	DK. TOBACCO	F-FT-FTS-N-NT9000 (L-LT-LTS-LN-LNT9000)
			AS OPTIONAL SEAT FOR CUSTOM CAB	
			#CLAIRON KNIT/RUFFINO VINYL	
4Z	H3	HC	DK. TOBACCO	N600-700-750-6000-7000, F-FT-FTS-N-NT800-900-8000 (LN-600-700-750-6000-7000, L-LT-LTS-LN-LNT800-900-8000)
			(L.S.) UNISON #675 — (A4)	
			AS OPTIONAL SEAT FOR STANDARD CAB	
			#CLARION KNIT/RUFFINO VINYL	
DZ	H4	HD	DK. TOBACCO	F-FT-FTS-N-NT800-900-8000-9000 (L-LT-LTS-LN-LNT800-900-8000-9000)
			AS OPTIONAL SEAT FOR CUSTOM CAB	
			#CLARION KNIT/RUFFINO VINYL	
4Z	H4	HD	DK. TOBACCO	F-FT-FTS-N-NT800-900-8000-9000 (L-LT-LTS-LN-LNT800-900-8000-9000)
			BOSTROM WESTCOASTER — (A5)	
			AS OPTIONAL SEAT FOR STANDARD CAB	
			*CLARION KNIT/RUFFINO VINYL	
EZ	H5	HE	DK. TOBACCO	F-FT-FTS-N-NT800-900-8000-9000 (L-LT-LTS-LN-LNT800-900-8000-9000)
			AS OPTIONAL SEAT FOR CUSTOM CAB	
			#CLARION KNIT/RUFFINO VINYL	
5Z	H5	HE	DK. TOBACCO	F-FT-FTS-N-NT800-900-8000-9000 (L-LT-LTS-LN-LNT800-900-8000-9000)

() AS IDENTIFIED BY SALES
CITY DELIVERY AND LINE HAUL INSTRUMENT PANEL

CY1728-A2

FIG. 7 Cont. Trim, Seat, Body/Cab Type Identification

TILT CABS

BENCH SEATS

RATING PLATE TRIM CODE						
ENGR. CODE	STD.	COMFORT (STD. CAB)	H.D.	CUSTOM	TRIM SCHEME	MODEL SERIES
					STANDARD CAB TRIM-BENCH-(A6)	
					BLOCKWEAVE AND CRUSH VINYL	
01	11				LT. GRAY	C600-700-750-800, CT800
					OPTIONAL H.D. VINYL FOR STD, CABS-BENCH-(A8)	
					LEATHER GRAIN HEAVY DUTY VINYL	
36		4B	4A		BLACK	C600-700-750-800, CT800
					STANDARD SEAT H.D. VINYL FOR STD. CAB-BENCH-(A8)	
					LEATHER GRAIN HEAVY DUTY VINYL	
36	4A	4B			BLACK	C900-CT900
					OPT. COMFORT SEAT FOR STD. CAB-BENCH-(A7)	
					TWILL STRIPE PLASTIC AND CRUSH VINYL	
11		12			GRAY MULTI-COLOR LT. GRAY	C600-700-750-800-900, CT800-900
					CUSTOM CAB TRIM-BENCH-(A7)	
					TWILL STRIPE PLASTIC AND CRUSH VINYL	
11				A2	GRAY MULTI-COLOR LT. GRAY	C600-700-750-800-900, CT800-900
					OPT. H.D. VINYL FOR CUSTOM CABS-BENCH-(A8)	
					LEATHER GRAIN HEAVY DUTY VINYL	
36			DB		BLACK	C600-700-750-800-900, CT800-900

CY1729-A

FIG. 8 Trim, Seat, Body/Cab Type Identification

TILT CAB

ENGINEERING CODE	RATING PLATE TRIM CODE DRIVER	RATING PLATE TRIM CODE DRIVER W/PASSENGER	TRIM SCHEME	MODEL SERIES
			INDIVIDUAL SEATS	
			UNISON ACTION (LIER SIEGLER)	
26	43	4C	AS STANDARD SEAT FOR STANDARD CAB LEATHER GRAIN VINYL BLACK	C6000-700-8000
26	43	4C	AS OPTIONAL SEAT FOR STANDARD CAB LEATHER GRAIN VINYL BLACK	C600-700-750-800-900, CT800-900
26	D3	DC	AS STANDARD SEAT FOR CUSTOM CAB LEATHER GRAIN VINYL BLACK	C6000-7000-8000
26	D3	DC	AS OPTIONAL SEAT FOR CUSTOM CAB LEATHER GRAIN VINYL BLACK	C600-700-750-800-900, CT800-900
			HI-WAY TRACTOR	
7F	G4	GD	UNISON #675 WITH ROADRUNNER SUSPENSION AS STANDARD SEAT — NON SLEEPER CRINKLE VINLY (SADDLE)	W-WT-9000
8F	G4	GD	AS STANDARD SEAT — SLEEPER CRINKLE VINYL (SADDLE)	W-WT-9000
			BOSTROM SEAT — WEST COASTER	
7F	G5	GE	AS OPTIONAL SEAT — NON SLEEPER LEATHER GRAIN VINYL (SADDLE)	W-WT-9000
8F	G5	GE	AS OPTIONAL SEAT — SLEEPER LEATHER GRAIN VINYL (SADDLE)	W-WT-9000
			CUSH-N-AIRE	
77F	G7	GG	AS OPTIONAL SEAT — NON SLEEPER LEATHER GRAIN VINYL (SADDLE)	W-WT-9000
78F	G7	GG	AS OPTIONAL SEAT — SLEEPER LEATHER GRAIN VINYL (SADDLE)	W-WT-9000
			BOSTROM SEAT — LEVELAIR	
7F	G8	GH	AS OPTIONAL SEAT — NON SLEEPER LEATHER GRAIN VINYL (SADDLE)	W-WT-9000
8F	G8	GH	AS OPTIONAL SEAT — SLEEPER LEATHER GRAIN VINYL (SADDLE)	W-WT-9000

CY1730-A

FIG. 9 Trim, Seat, Body/Cab Type Identification

TRUCK SERIES CODES

Type	
U	Bronco

Basic Series	
U15	U100 (Wagon) 4x4

ECONOLINE

100 Series

Conventional	Super	
E01	—	E100 Club Wagon 5 passenger
E02	—	E100 Club Wagon 8 Passenger
E04	—	E100 Cargo Van
E05	—	E100 Window Van
E06	—	E100 Display Van

150 Series

E11	S11	E150 Club Wagon 5 Passenger
E12	S12	E150 Club Wagon 8 Passenger
E14	S14	E150 Cargo Van
E15	S15	E150 Window Van
E16	S16	E150 Display Van

250 Series

E21	S21	E250 Club Wagon 5 Passenger
E22	S22	E250 Club Wagon 8 Passenger
E23	S23	E250 Club Wagon 12 Passenger
—	S29	E250 Club Wagon 15 Passenger
E24	S24	E250 Cargo Van
E25	S25	E250 Window Van
E26	S26	E250 Display Van

350 Series

—	S32	E350 Club Wagon 8 Passenger
—	S33	E350 Club Wagon 12 Passenger
—	S39	E350 Club Wagon 15 Passenger
E34	S34	E350 Cargo Van
E35	S35	E350 Window Van
E36	S36	E350 Display Van

ECONOLINE "CUTAWAY" MODEL

E27	E250 Cutaway
E37	E350 Cutaway

PARCEL DELIVERY

E28	E250 Cutaway
E38	E350 Cutaway

CONVENTIONAL — F-SERIES — GAS

Chassis Cab	Pick-Up	Basic Series
F17	F10	F100
F16	F14	F150 4x4
F19	F15	F150
F27	F25	F250
F28	F26	F250 4x4
F37	F35	F350

Chassis Cab	Pick-Up	Basic Series
X17	X10	F100
X19	X15	F150
X27	X25	F250
X37	X35	F350

CONVENTIONAL — F-500-600 — GAS

F50	F500
F60	F600
F61	F600
F65	F600 4x4
F66	F600 4x4

BUS — B-SERIES — GAS

B50	B500
B60	B600
B61	B600

CONVENTIONAL — F-SERIES — GAS

F50	F500
F60	F600 GVW Range Split
F61	F600 GVW Range Split
F65 4x4	F600 GVW Range Split
F66 4x4	F600 GVW Range Split
F70	F700
F75	F750
F88	F880

F-Series — Diesel

K70	F7000

BUS CHASSIS COWLS — B-SERIES

B50	B500
B60	B600 GVW Range Split
B61	B600 GVW Range Split
B70	B700
B75	B750

B-Series — Diesel

J70	B7000

PARCEL — GAS

P50	P500
P60 (DSO)	P600

CONVENTIONAL — L-SERIES

L-Series — Gas

F80, F81	L800
F90, F91	L900

L-Series — Diesel

K80	L8000
K81	L8000
K90	L9000

LT-Series — Gas

T80, T81	LT800
T88	LT880
T90, T91	LT900

LT-Series — Diesel

U80, U81	LT8000
U90, U91	LT9000

LTS-Series — Gas

V80, V81	LTS800
V90, V91, V92	LTS900

LTS-Series — Diesel

Y80, Y81	LTS8000
Y90, Y91	LTS9000

SHORT CONVENTIONAL — LN-SERIES

LN-Series — Gas

N60	N600
N61, N62	N600
N70, N71	N700
N75, N76	N750
N80, N81	N800
N90, N91	N900

LN-Series — Diesel

R60	N6000
R61	N6000
R70, R71	N7000
R80, R81	N8000
R90	N9000

LNT-Series — Gas

S80, S81	NT800
S88, S90, S91	NT900
	NT880

LNT-Series — Diesel

W80, W81	NT8000
W90, W91	NT9000

LOW TILT CABS — C-SERIES

C-Series — Gas

C60	C600
C61	C600
C70	C700
C75	C750
C80	C800
C90, C91	C900

C-Series — Diesel

D60, D61	C6000
D70	C7000
D80	C8000

CT-Series — Gas

L80	CT800
L90, L91	CT900

CT-Series — Diesel

Q80	CT8000

HIGH TILT CABS — W-SERIES

W-Series — Diesel

Z90	W9000
X90, X91	WT9000

CY1700-C

ENGINE CODES: BRONCO — LT. TRUCK — MED. TRUCK — SCHOOL BUS — 1000 THRU 600 VEHICLE NUMBERING SYSTEM

Code	Engine CID	Cyl.
	Gas (Bronco)	
G	302-2V	8
	Gas (Light F-100-350)	
B	300-1V	6
G	302-2V	8
Z	(DSO)	
H	351-2V	8
S	400-2V	8
J	460-4V	8
	Gas (Medium F & B 500-600)	
B	300-1V	6
B	300-1V H.D.	6
	(600 Series)	
C	330-2V M.D.	8
D	330-2V X.D.	8
E	361-4V X.D.	8
P	361-2V X.D.	8
F	391-4V X.D.	8
U	330-2V LPG (DSO)	8
W	361-4V LPG (DSO)	8
M	361-2V LPG (DSO)	8
X	391-4V LPG (DSO)	8
J	300-2V LPG (DSO)	6
Z	(DSO)	
	Gas (Export Low Comp)	
2	300-1V	6
4	330-2V X.D.	8
5	361-2V X.D.	8
8	351-2V	8

ECONOLINE — CLUB WAGON

Code	Engine CID	Cyl.
	Gas (Econoline)	
B	300-1V	6
H	351-2V	8
A	460-4V	8

GAS ENGINE CODES: 1977 FORD HEAVY & EXTRA-HEAVY TRUCK SERIES 700 THRU 900, N-600-C600 'F & B500-600 — PARCEL' VEHICLE NUMBERING SYSTEM

Low Comp. Code	Code	Parcel
—	G	300-IV H.D.
		F & B 500-600
2	B	300" 1V
—	B	300" 1V H.D. (600 Series)
—	C	330" 2V MD
4	D	330" 2V X.D.
—	E	361" 4V X.D.
5	P	361" 2V X.D.
—	F	391" 4V X.D.
—	U	330" 2V-LPG (DSO)
—	W	361" 4V-LPG (DSO)
—	M	361" 2V-LPG (DSO)
—	X	391" 4V-LPG (DSO)
—	J	300" 2V-LPG (DSO)
—	Z	DSO

Low Comp. Code	Code	Parcel
		700 Thru 900 — N-C600
—	G	300-IV H.D.
—	D	330-2V
5	P	361-2V
—	E	361-4V H.D.
—	F	391-4V H.D.
—	J	475-4V
—	K	477-4V S.D.
—	L	534-4V S.D.
—	Z	DSO

DIESEL ENGINE CODES: 1977 FORD HEAVY & EXTRA-HEAVY TRUCK SERIES 700 THRU 9000, N600-C600 'F & B 500-600 — PARCEL' VEHICLE NUMBERING SYSTEM

Less 9000 Series

	Detroit
7	568 8V71N 263 H.P. 2100 RPM
6	568 8V71N 280 H.P. 2100 RPM
T	568 8V71N 304 H.P. 2100 RPM
N	568 8V71T 308 H.P. 2100 RPM
E	568 8V71T 335 H.P. 2100 RPM
Y	568 8V71T 350 H.P. 2100 RPM
4	568 8V71TT 305 H.P. 1950 RPM
A	SPECIAL ORDER DETROIT
	Caterpillar
B	636 3208 V190 175 H.P. 2800 RPM
D	636 3208 V225 210 H.P. 2800 RPM
Q	636 3208 V200 H.P. 2800 RPM
H	893 3406 280 H.P. 2100 RPM
J	893 3406 280 H.P. 1900 RPM
M	893 3406 325 H.P. 2100 RPM
C	SPECIAL ORDER CATERPILLAR
	Cummins
1	855 NTC-230 230 H.P. 2100 RPM
R	855 NTC-230 230 H.P. 1900 RPM
F	855 NTC-250 250 H.P. 2100 RPM
2	855 NTC-250 250 H.P. 1900 RPM
K	855 NTC-270 PT 270 H.P. 2100 RPM
3	855 NTC-290 255 H.P. 2100 RPM
9	855 NTC-290 255 H.P. 1900 RPM
V	855 NTC-290 290 H.P. 2100 RPM
U	855 NTC-290 290 H.P. 1900 RPM
W	855 NTC-350 300 H.P. 2100 RPM
X	855 NTC-350 300 H.P. 1900 RPM
8	855 NTC-350 320 H.P. 2100 RPM
G	855 NTC-350 320 H.P. 1900 RPM
O	855 NTC-350 335 H.P. 2100 RPM
I	855 NTC-350 335 H.P. 1900 RPM
L	855 NTC-350 350 H.P. 2100 RPM
P	855 NTC-350 350 H.P. 1900 RPM
S	SPECIAL ORDER CUMMINS

9000 Series

	Detroit
4	8V-71 TT INE 395 H.P. 1900 RPM
2	6-7 IN 238 H.P. 2100 RPM
7	8V-7 INE 253 H.P.
6	8V-7 IN 280 H.P.
T	8V-7 IN 304 H.P.
B	8V-71T 308 H.P.
E	8V-71T 335 H.P.
Y	8V-71T 350 H.P.
	Cummins
U	NTC-290 H.P. 1900 RPM
K	NTC-270 PT 270 H.P.
V	NTC-290 290 H.P. 2100 RPM
L	NTC-350 350 H.P.
O	NTC-350 335 H.P.
8	NTC-350 320 H.P.
G	V903 295 H.P.
Z	Special Engine (DSO)
S	Special Order Engine Cummins (DSO)
A	Special Order Engine Detroit (DSO)
C	Special Order Engine Caterpillar (DSO)

ASSEMBLY PLANTS CODE LETTERS

Code	Assembly Plant
C	Ontario Truck
E	Mahwah
H	Lorain
I	Highland Park
K	Kansas City
L	Michigan Truck
N	Norfolk
P	Twin Cities
R	San Jose
S	Allen Park
U	Louisville
V	Kentucky Truck

ECONOLINE CLUB WAGONS VEHICLE NUMBERING SYSTEM

The Uniform Sequential Serial and Warranty Numbering System for the 1977 Model Year Program is outlined as follows:

SERIAL & WARRANTY NO. BLOCKS BASED UPON THE SCHEDULED MONTH

1977 Model Program

*Job #1 1977				
August*	000,000 — 019,999	January	X80,000 — X99,999
September	020,000 — 039,999	February	Y00,000 — Y19,999
October	040,000 — 059,999	March	Y20,000 — Y39,999
November	060,000 — 079,999	April	Y40,000 — Y59,999
December	080,000 — 099,999	May	Y60,000 — Y79,999
		June	Y80,000 — Y99,999
		July	Z00,000 — Z19,999
		August	Z20,000 — Z99,999

1976 Model Program

For record purposes the 1976 Model Year Serial Number is shown to reflect August thru 1976 Model Build Serial Numbers.

*Job #1 1976	1975 Calendar Year	1976 Calendar Year	
August*	A00,000 — A24,999	January	B25,000 — B49,999
September	A25,000 — A49,999	February	B50,000 — B74,999
October	A50,000 — A74,000	March	B75,000 — B99,999
November	A75,000 — A99,999	April	C00,000 — C24,999
December	B00,000 — B24,999	May	C25,000 — C49,999
		June	C50,000 — C74,999
		July	C75,000 — C99,999
		August	D00,000 — D24,999

BRONCO-LT TRUCK-MED TRUCK-SCHOOL BUS-100 THRU 600 VEHICLE NUMBERING SYSTEM

SERIAL & WARRANTY NO. BLOCKS BASED UPON THE SCHEDULED MONTH

Starting Serial Number for all Bronco F100-350 F & B 500-600 is 000,000

*Job #1 1977	1976 Calendar Year		1977 Calendar Year		
		Kentucky Truck Plt. F & B 500-600			Kentucky Truck Plt. F & B 500-600
August	000,000 — 019,999	000,000 — 004,999	January	X80,000 — X99,999	X80,000 — X84,999
September	020,000 — 039,999	020,000 — 024,999	February	Y00,000 — Y19,999	Y00,000 — Y04,999
October	040,000 — 059,999	040,000 — 044,999	March	Y20,000 — Y39,999	Y20,000 — Y24,999
November	060,000 — 079,999	060,000 — 064,999	April	Y40,000 — Y59,999	Y40,000 — Y44,999
December	080,000 — 099,999	080,000 — 084,999	May	Y60,000 — Y79,999	Y60,000 — Y64,999
			June	Y80,000 — Y99,999	Y80,000 — Y84,999
			July	Z00,000 — Z19,999	Z00,000 — Z04,999
			August	Z20,000 — Z99,999	Z20,000 — Z24,999

For record purposes the 1976 Model Year Serial Numbering is shown starting Serial Number for all Bronco F100-350 F & B 500-600 is A00,000

*Job #1 1976	1975 Calendar Year	1976 Calendar Year	
August	A00,000 — A24,999	January	B25,000 — B49,999
September	A25,000 — A49,999	February	B50,000 — B74,999
October	A50,000 — A74,999	March	A75,000 — B99,999
November	A75,000 — A99,999	April	C00,000 — C24,999
December	B00,000 — B24,999	May	C25,000 — C49,999
		June	C50,000 — C74,999
		July	C75,000 — C99,999
		August	D00,000 — D24,999

FORD HEAVY & EXTRA-HEAVY TRUCK SERIES 700 THRU 9000, N600-C600 'F & B 500-600-PARCEL' VEHICLE NUMBERING SYSTEM

SERIAL & WARRANTY NUMBER BLOCKS BASED UPON THE SCHEDULED MONTH

1977 Model Program for Heavy, Extra-Heavy and Parcel Trucks

*Job #1 1977	1976 Calendar Year	1977 Calendar Year	
August*	005,000 — 019,999	January	X85,000 — X99,999
September	025,000 — 039,999	February	Y05,000 — Y19,999
October	045,000 — 059,999	March	Y25,000 — Y39,999
November	065,000 — 079,999	April	Y45,000 — Y59,999
December	085,000 — 099,999	May	Y65,000 — Y79,999
		June	Y85,000 — Y99,999
		July	Z05,000 — Z19,999
		August	Z25,000 — Z99,999

1977 Model Program for F-B500-600 — Med. Trucks

*Job #1 1977	1976 Calendar Year	1977 Calendar Year	
August*	000,000 — 004,000	January	X80,000 — X84,999
September	020,000 — 024,999	February	Y00,000 — Y04,999
October	040,000 — 044,999	March	Y20,000 — Y24,999
November	060,000 — 064,999	April	Y40,000 — Y44,999
December	080,000 — 084,999	May	Y60,000 — Y64,999
		June	Y80,000 — Y84,999
		July	Z00,000 — Z04,999
		August	Z20,000 — Z24,999

1976 Model Program for Heavy, Extra-Heavy and Parcel Trucks

For record purposes the 1976 Model Year Serial Numbering is shown

*Job #1 1976	1975 Calendar Year	1976 Calendar Year	
August*	A05,000 — A24,999	January	B35,000 — B49,999
September	A35,000 — A49,999	February	B60,000 — B74,999
October	A60,000 — A74,999	March	B85,000 — B99,999
November	A85,000 — A99,999	April	C10,000 — C24,999
December	B10,000 — B24,999	May	C35,000 — C49,999
		June	C60,000 — C74,999
		July	C85,000 — C99,999
		August	D10,000 — D24,999

1976 Model Program for F-B500-600 Med. Trucks

*Job #1 1976	1975 Calendar Year	1976 Calendar Year	
August*	A00,000 — A04,999	January	B25,000 — B34,999
September	A25,000 — A34,999	February	B50,000 — B59,999
October	A50,000 — A59,999	March	B75,000 — B84,999
November	A75,000 — A84,999	April	C00,000 — C09,999
December	B00,000 — B09,999	May	C25,000 — C34,999
		June	C50,000 — C59,999
		July	C75,000 — C84,999
		August	D00,000 — D09,999

TRUCK EXTERIOR COLOR CODES (See Footnote)

Color	Suff#	Spec#	Ref#	ECONOLINE	BRONCO LIGHT MEDIUM	KENTUCKY TRUCK PLANT	Econo Vans Wagons & Cutaways: Std. & Cust. Vans / Std. Club and Std. Cutaway	Econo Vans Wagons & Cutaways: All Chateaus / Cust. Club & Custom Cutaway	BRONCO	LIGHT 100-350	MEDIUM F-500-600	KENTUCKY TRUCK HEAVY-PARCEL F-600 4x4	Truck Sales Name
		(XXA)	(A)	Code									
Black	C1A	JASA	1724	1C(A)	1C(A)	1C(A)	A	A	*A	A	A	A	Raven Black
Silver Met.	90P	SPLC	5299	1G(J)	1G(J)		J	J		▲J▼			Silver Met.
Med. Silver Met.	B5P	EPKC	5488		1M(V)	1M(V)			V	V	V	V	Silver Met.
Candyapple Red	80D	JDMA	2008	2E(T)	2E(T)	2E(T)	T	T	T	T	T	T	Candyapple Red
Brt. Red	78D	CDJA	5440		2R(K)	2R(K)			K	K	K	K	Brt. Red
Rangoon Red	79D	JDNA	1515			2V(J)						J	Rangoon Red
Coral	77D	JDKA	1730		2A(N)					▲N			Coral
Med. Blue Met.	G4B	TBMC	5087	3D(N)			N	N					Brook Blue Met.
Brt. Dk. Blue Met.	H9B	SBQC	5094	3G(S)	3G(S)	3G(S)	S	S	S	S	S	S	Midnight Blue Met.
Brt. Med. Blue	C8B	QBMA	5004		3T(I)	3T(I)			I	I	I	I	Bahama Blue
Lt. Blue	87B	EBLA	5467	3U(8)	3U(8)	3U(8)	8	8	8	8	8	8	Lt. Blue
Blue Met.	A1B	EBMC	5474		3Y(D)				•D	•D			
Dk. Jade Met.	16K	AKQC	5328	46(B)	46(B)	46(B)	B	B	B	B	B	B	Dk. Jade Met.
Dk. Green	D7G	QGQA	5005		49(O)	49(O)			O#	O#	O#	O#	Mallard Green
Copper Met.	25C	SCLC	5035		5B(Z)	5B(Z)			Z	Z	Z	Z	Copper Met.
Tan	40U	YUMA	5297		5V(3)					+3			Autumn Tan
Brt. Yellow	24V	SVPA	5080		6E(5)					▲5			Brt. Yellow
Chrome Yellow	07V	JVMA	1526	6S(G)	6S(G)	6S(G)	*G	*G	*G	*G	*G	*G	Chrome Yellow
Lt. Tan	52U	CULA	5441	6U(X)	6U(X)	6U(X)	X	X	X	X	X	X	Indio Tan
Lt. Jade	12R	CRJA	5445	7A(R)	7A(R)	7A(R)	R	R	R	R	R	R	Lt. Jade
Holly Green	89R	JRQA	1237			7D(L)						L	Holly Green
Chartreuse	B2G	CGHA	5497		7R(L)					▲L			Chartreuse
Med. Emerald	O8M	EMNA	5500		7U(W)				W				Brt. Emerald
Dk. Brown (Tu-Tone Only)	41T	QTQA	5064		8D(6)					+6			Dk. Brown
Tangerine	13E	CEKA	5459	8F(2)			2	2					Tangerine
Dk. Brown Met.	70T	ZTQC	5282		82(H)				•H	•H			
Vista Orange	25E	EEKA	5466		8G(U)				U				
Med. Copper	82C	CCMA	5475		8Q(2)	8Q(2)			2	2	2	2	Med. Copper
White	43W	ZWFA	5418		9D(7)					+7			Pollar White
Special White	32W	JWGA	1525			9E(C)						*C	Pure White
White	26W	JWFA	1619	9A(M)	9A(M)	9A(M)	M	M	M	M	M	M	Wimbledon White
Dk. Brown Met.	75T	YTQC	5477	5Q(F)			F	F					
$ NOTE: Kentucky Truck Plant only will code 1619A White with codes M, D, E, or H White (KTP only) 26W JWFAXXA 1619A													
$ Unique Kentucky Truck Coding Only required for sound level decibel D-83 dbA — E=86 dbA — H=88 dbA — M=none												$D $E $H	
@ NOTE: KTP only uses color code N to identify units built less cab — less paint.												@N	
Red Prime Gray				← 99(9) →			← 9 →						Prime
RPO Unique Colors (Non Polish) "D"													
Tan Met.	41U	YUMD	5298		5U(4)					+4			Tan Glow
Jade Met.	62R	ERVD	5505	7N(Y)	7N(Y)	7N(Y)	Y	Y	Y	Y	Y	Y	Jade Glow
Nectarine Met.	06T	CTMD	5507	8T(E)			E	E					Nectarine Met.
Dk. Nectarine Met.	08T	ETQD	5506		8U(P)	8U(P)			P	P	P	P	Cinnamon Glow

★Ext. Color Codes 1G-3D-46-5B-7N-8T not available Parcel Delivery Van Cutaway

* RPO — Less Uniques
\# LPO Fleet
• Explorer 77½
\+ Lux. Decor
▲ Unique San Jose
▼ Unique Twin City

FOOTNOTE:
Due to the truck single code limited paint identification system it will be necessary to reflect Econoline codes and the KTP Heavy Truck codes as separate paint code systems. This will allow duplicate codes to be utilized to identify different paint colors or unique code conditions. (Ex. J Econo Silver, K KTP Red)

Econoline — Bronco — Light and Medium Trucks will use the new double code system but will convert the double paint code to a single paint code (as shown in ( ) parenthesis for the rating plate paint color code identification. (Refer to truck code column).

CY1732-B

FRONT AXLE CODES, LIGHT AND MEDIUM TRUCKS

Bronco and F-100-350			F & B 500 — 600			
W/Power Steering	Code	Front Axle/Power Steering	P/Steering Delete	W/Power Steering		Front Axle
J	—	Power Steering	A	J	—	Power Steering
R	9	3,800# Dana — 60F	—	K	2	5,500
E	5	3,800#	—	L	3	6,000
G	7	High Alt.	D	M	4	7,000
H	8	High Alt. Not Required	E	N	5	9,000
			Standard Front Axles will not be punched on FB-500-600.			

FRONT AXLE CODES, HEAVY TRUCKS

W/Power Steering	Code	#Front Axle — GVW
K	2	5,500
L	3	6,000
M	4	7,000
N	5	9,000
P	7	12,000
	8	12,000 Steer Ease
S	—	16,000
T	—	18,000
U	—	20,000

DISTRICT CODES

11 BOSTON	41 CHICAGO	71 LOS ANGELES
12 BUFFALO	42 CLEVELAND	72 SAN JOSE
13 NEW YORK	43 MILWAUKEE	73 SALT LAKE CITY
14 PITTSBURGH	45 LANSING	74 SEATTLE
15 NEWARK	46 INDIANAPOLIS	75 PHOENIX
16 PHILADELPHIA	47 CINCINNATI	76 DENVER
17 WASHINGTON	48 DETROIT	
21 ATLANTA	52 DALLAS	83 GOVERNMENT
22 CHARLOTTE	53 KANSAS CITY	84 HOME OFFICE RESERVE
23 MEMPHIS	54 OMAHA	85 AMERICAN RED CROSS
24 JACKSONVILLE	55 ST. LOUIS	89 TRANSPORATION SERVICES
25 RICHMOND	56 DAVENPORT	87 BODY COMPANY
26 NEW ORLEANS	57 HOUSTON	
28 LOUISVILLE	58 TWIN CITIES	90's EXPORT

Ford of Canada

MERCURY REGIONS	FORD REGIONS
A1 CENTRAL	B1 CENTRAL
A2 EASTERN	B2 EASTERN
A3 ATLANTIC	B3 ATLANTIC
A4 MIDWESTERN	B4 MIDWESTERN
A6 WESTERN	B6 WESTERN
A7 PACIFIC	B7 PACIFIC
12 EXPORT	12 EXPORT

NOTE: EXPORT ALPHABETICAL I

CY1702-C

MODEL CODES AND GROSS VEHICLE WEIGHT RATINGS

ECONOLINE CLUB, CUSTOM & CHATEAU WAGONS

Code			GVW	
Conv.	Super	Passenger	Conv.	Super
E-100 Series				
E-010	*	5	5,500	*
E-011		5	5,700	
E-012		5	5,900	
E-020		8	5,900	
E-021		8	6,000	
E-150 Series				
E-100		5	6,200	
E-111		5	6,200	
E-112		5	6,400	
E-113		5	6,600	
E-120		8	6,300	
E-121		8	6,500	
E-122		8	6,600	
E-123		8	6,300	
E-124		8	6,500	
E-125		8	6,600	

Code			GVW	
Conv.	Super	Passenger	Conv.	Super
E-250 Series				
E-210		5	6,900	
E-211		5	7,100	
E-212		5	7,800	
E-220		8	6,900	
E-221		8	7,100	
E-222		8	7,300	
E-223		8	7,500	
E-224		8	7,700	
E-225		8	8,200	
E-230		12	7,700	
E-231		12	7,900	
E-232		12	8,100	
E-233		12	8,500	
E-234		12	8,900	

ECONOLINE CARGO, WINDOW, DISPLAY VANS & CUTAWAY, CUTAWAY PARCEL DELIVERY MODELS

Code						GVW	
Conv. Cargo	Super Cargo	Conv. Window	Super Window	Conv. Display	Super Display	Conv.	Super
E-100 Series							
E-040	*	E-050	*	E-060	*	5,150	*
E-041		E-051		E-061		5,750	
E-150 Series							
E-140		E-150		E-160		6,150	
E-250 Series							
E-240		E-250		E-260		6,800	
E-241		E-251		E-261		7,500	
E-242		E-252		E-262		8,300	
E-350 Series							
E-340		E-350		E-360		8,600	
E-341		E-351		E-361		9,550	
E-342		E-352		E-362		9,850	

Cutaway	GVW	Cutaway Parcel Delivery	GVW
E-250 Series			
E-270	8,400	E-280	7,700
E-350 Series			
E-370		—	8,750 Single Rear
E-371		—	9,650 Single Rear
E-372		—	8,750 Dual Rear
E-373		—	10,000 Dual Rear
E-374		—	11,000 Dual Rear
—		E-380	8,750 Dual Rear
—		E-381	9,850 Dual Rear
—		E-382	10,000 Dual Rear
—		E-383	10,500 Dual Rear

*SUPER Requirements to be determined.

CY1703-C

MODEL CODES AND GROSS VEHICLE WEIGHT RATINGS

BRONCO, LT TRUCK, MED TRUCK, SCHOOL BUS — 100 THRU 600

Bronco

Code	G.V.W.	Nom Ton-½
U 15 0	4,400	U-100
U 15 1	4,600	
U 15 2	4,900	HD Package

Light and Medium

Pick-Ups	Chassis Cab	G.V.W.	Wheel-Base
	F-100 4x2		
F-101	F-171	4,700	133
F-103	F-173	4,900	117
F-105	F-175	5,100	133
F-106	F-176	5,250	117
F-107	F-177	5,400	133
	F-150 4x2		
F-150	F-190	6,050	133
	F-150 4x4		
F-140	F-160	6,050	117
F-141	F-161	6,150	133
F-143	F-163	6,350	133
	F-250 4x2		
F-250	F-270	6,200	133
F-251	F-271	6,800	133
F-252	F-272	7,700	133
F-253	F-273	7,900	133
	F-250 4x4		
F-260	F-280	6,750	133
F-261	F-281	7,500	133
F-262	F-282	7,700	133

Pick-Ups	Chassis Cab	G.V.W.	Wheel-Base
	F-350 4x2		
—	F-370	6,600	137
F-351	F-371	6,750	161
—	F-372	8,000	137
F-353	F-373	8,200	161
—	F-374	8,300	137
—	F-375	8,500	161
—	F-377	9,500	137, 161
—	F-378	10,000	137, 161
F-354	—	8,300	140
F-356	—	8,900	140
F-358	—	9,900	140
	Super-Cab F-100 4x2		
X-108	X-178	5,500	139
X-109	X-179	5,650	155
X10N	X17N	5,200	139, 155
	F-150 4x2		
X-150	X-190	6,050	139, 155
	F-250 4x2		
X-251	X-271	6,800	139
X-254	X-274	6,300	139
X-255	X-275	6,550	155
X-256	X-276	7,800	139
X-257	X-277	7,050	155
X-258	X-278	7,600	139
X-259	X-279	8,100	155
X-25N	X-27N	7,500	155
	F-350 4x2		
X-359	X-379	9,250	155

Model Code	G.V.W.
F-500 4x2	
F-500	14,000
F-501	16,000
F-502	17,400
F-503	19,200
F-600 4x2	
F-600	16,000
F-601	17,000
F-610	19,700 Ryder
F-611	20,200
F-612	21,000
F-613	22,000
(6,000 Frt. 6,160 Rear)	
F-614	22,000
(7,000 Frt. 15,000 Rear)	
F-615	23,000
F-616	24,000
F-618	17,900 U-Haul
F-600 4x4	
F-650	17,200
F-660	21,700
F-661	24,000
B-500 Bus 4x2	
B-502	17,400
B-503	19,200
B-600 Bus 4x2	
B-602	19,200
B-610	19,700
B-611	20,200
B-613	21,000
(6,000 Frt. 15,000 Rear)	
B-614	22,000
(6,000 Frt. 17,500 Rear)	
B-615	22,000
(7,000 Frt. 15,000 Rear)	
B-616	23,000
B-617	24,500

FORD HEAVY & EXTRA-HEAVY TRUCK SERIES
700 THRU 9000, N600-C600 'F & B 500-600 — PARCEL'

BUS CHASSIS COWL	
B-Series — Gas	
B-500	
B-502	17,400
B-503	19,200
B-600	
B-602	19,200
B610	19,700
B-611	20,200
B-613	21,000 GAWR Frt. 6,000 Rear 15,000
B-614	22,000 GAWR Frt. 6,000 Rear 17,500
B-615	22,000 GAWR Frt. 7,000 Rear 15,000
B-616	23,000
B-617	24,500
B-700	
B-700	19,700
B-701	21,000
B-702	21,000
B-703	22,000
B-704	23,000
B-705	24,000
B-706	24,000
B-707	25,500
B-708	22,000

BUS CHASSIS COWL	
B-750	
B-750	21,500
B-751	22,000
B-752	23,000
B-753	24,000
B-754	24,000
B-755	25,500
B-756	22,000
B-Series — Diesel	
B-7000	
J-700	20,200
J-701	22,000
J-702	23,000
J-703	24,000
J-704	24,000
J-705	25,500
J-706	22,000

CONVENTIONAL 'F' SERIES CAB	
F-Series — Gas	
F-500	
F-500	14,000
F-501	16,000
F-502	17,400
F-503	19,200

CONVENTIONAL 'F' SERIES CAB			
F-600			
F-600	16,000		
F-601	17,000		
F-602	19,200		
F-610	19,700 Ryder		
F-611	20,200		
F-612	21,000		
F-613	22,000 GAWR Frt. 6,000 Rear 6,160		
F-614	22,000 GAWR Frt. 7,000 Rear 15,000		
F-615	23,000		
F-616	24,000		
F-618	17,900 U-Haul		
F-600 4x4			
F-650	17,200	F-880	
F-660	21,700	F-880	25,500
F-661	24,000	F-881	27,500
F-700			
F-700	19,200		
F-701	21,000		
F-702	22,000		
F-703	23,000		
F-704	24,000		
F-705	24,000		
F-706	25,500		
F-707	22,000		

CY1704-C

MODEL CODES AND GROSS VEHICLE WEIGHT RATINGS

CONVENTIONAL 'F' SERIES CAB	
F-750	
F-750	21,500
F-751	22,000
F-752	23,000
F-753	24,000
F-754	24,000
F-755	25,500
F-756	27,500
F-757	21,500
F-758	22,000
F-7000 — (Diesel)	
K-700	19,200
K-701	21,000
K-702	22,000
K-703	23,000
K-704	24,000
K-705	24,000
K-706	25,500
K-707	27,500
K-708	22,000

CONVENTIONAL 'L' SERIES CAB	
L-Series — Gas	
L-800	
F-802	24,500
F-803	25,500
F-804	27,500
F-805	29,000
F-806	31,000
F-808	34,000
F-809	31,000
F-810	22,100
F-811	31,800
F-812	22,100
F-813	31,800
F-814	34,000

L-900	
F-900	25,500
F-902	27,500
F-905	31,000
F-906	32,000
F-908	34,000
F-909	35,000
F-912	23,100
F-913	31,800
F-914	31,000
L-Series — Diesel	
L-8000	
K-802	25,500
K-803	27,500
K-805	31,000
K-806	32,000
K-807	34,000
K-808	35,000
K-812	23,100
K-813	31,800
L-9000	
K-902	32,000
K-904	35,000
K-907	28,000
K-908	31,800
LT-Series — Gas	
LT-800 & LT-880	
T-800	37,000
T-802	39,000
T-804	43,000
T-806	46,000
T-807	50,000

LT-SERIES — GAS	
LT-800 AND LT-880	
T-811	41,000
T-812	44,800
T-880	39,000
T-881	41,000
T-882	43,000
T-883	44,800
T-884	46,000
T-885	41,000
LT-900	
T-900	39,000
T-902	41,000
T-904	43,000
T-906	46,000
T-907	50,000
T-908	50,000
T-909	54,000
T-911	60,000
T-914	44,800
T-915	48,000
T-916	52,000
T-917	58,000
LT-Series — Diesel	
LT-8000	
U-800	39,000
U-805	46,000
U-806	50,000
U-807	50,000
U-808	54,000
U-809	60,000
U-815	41,000
U-816	44,800
U-817	61,000
U-810	55,000

LT-9000	
U-900	43,000
U-903	46,000
U-904	50,000
U-905	50,000
U-906	54,000
U-908	60,000
U-911	52,000
U-914	44,800
U-915	61,000
U-916	48,000
U-917	58,000
LTS-Series — Gas	
LTS-800	
V-800	39,000
V-804	46,000
V-805	50,000
V-809	41,000
V-810	44,000
LTS-900	
V-900	39,000
V-904	46,000
V-905	50,000
V-906	50,000
V-907	52,000
V-908	54,000
V-909	56,000
V-911	58,000
V-912	60,000
V-913	62,000
V-914	64,000
V-918	41,000
V-919	54,000
V-920	48,000

LTS-Series — Diesel	
LTS-8000	
Y-800	39,000
Y-804	46,000
Y-805	50,000
Y-806	50,000
Y-807	52,000
Y-808	54,000
Y-812	60,000
Y-814	64,000
Y-818	41,000
LTS-9000	
Y-900	43,000
Y-903	50,000
Y-904	50,000
Y-905	52,000
Y-906	54,000
Y-907	56,000
Y-909	58,000
Y-910	60,000
Y-911	62,000
Y-918	70,000
Y-919	48,000

SHORT CONVENTIONAL 'N' SERIES CAB

N-Series — Gas	
N-600	
N-604	16,000
N-605	19,200
N-610	21,000
N-611	22,000
N-612	23,000
N-615	24,000
N-618	17,900
N-619	20,200
N-620	22,000
N-621	22,000

N-700 & N-750	
N-700	22,000
N-702	23,000
N-703	24,000
N-704	25,500
N-709	19,200
N-710	21,000
N-711	22,000
N-712	24,000
N-752	23,000
N-753	24,000
N-754	25,500
N-760	27,500
N-762	21,500
N-763	22,000
N-764	22,000
N-765	24,000
N-800	
N-802	24,500
N-803	25,500
N-804	27,500
N-805	29,000
N-806	31,000
N-808	34,000
N-811	31,000
N-812	22,100
N-813	31,800
N-814	22,100
N-815	31,800
N-816	34,000

CY1705-C

MODEL CODES AND GROSS VEHICLE WEIGHT RATINGS

SHORT CONVENTIONAL 'N' SERIES CAB — Cont'd	
N-Series — Gas	
N-900	
N-900	25,500
N-902	27,500
N-905	31,000
N-906	32,000
N-908	34,000
N-909	35,000
N-911	23,100
N-912	31,800
N-Series — Diesel	
N-6000	
R-602	16,000
R-603	19,200
R-610	21,000
R-611	22,000
R-612	23,000
R-615	24,000
R-616	20,200
R-617	22,000
R-618	22,000
N-7000	
R-700	22,000
R-702	23,000
R-703	24,000
R-704	25,500
R-707	27,500
R-709	19,200
R-710	21,000
R-711	22,000
R-712	24,000

N-8000	
R-802	25,500
R-803	27,500
R-805	31,000
R-806	32,000
R-807	34,000
R-808	35,000
R-810	23,100
R-811	31,800
N-9000	
R-902	32,000
R-904	35,000
R-906	28,000
R-907	31,800
NT-Series — Gas	
NT-800 & NT-880	
S-800	37,000
S-802	39,000
S-804	43,000
S-806	46,000
S-807	50,000
S-811	41,000
S-812	44,800
S-880	39,000
S-881	41,000
S-882	43,000
S-883	44,800
S-884	46,000
S-885	41,000

NT-Series — Gas — Cont'd	
NT-900	
S-900	39,000
S-902	41,000
S-904	43,000
S-906	46,000
S-907	50,000
S-909	54,000
S-914	44,800
S-915	48,000
S-916	52,000
NT-Series — Diesel	
NT-8000	
W-800	39,000
W-805	46,000
W-806	50,000
W-807	50,000
W-808	54,000
W-812	41,000
W-814	44,800
W-815	55,000
W-816	60,000
W-817	61,000
NT-9000	
W-903	46,000
W-904	50,000
W-906	54,000
W-907	43,000
W-911	44,800
W-912	48,000
W-913	52,000

LOW TILT 'C' SERIES CAB	
C-Series — Gas	
C-800	
C-602	17,000
C-611	22,000
C-612	23,000
C-616	20,200
C-617	21,200
C-700	
C-702	25,500
C-706	21,200
C-707	23,000
C-750	
C-752	25,500
C-755	27,500
C-756	23,000
C-800	
C-802	27,500
C-807	25,100
C-900	
C-904	27,500
C-906	31,000
C-907	32,000
C-910	34,000
C-912	36,000
C-913	31,000
C-914	25,100
C-915	39,000

C-Series — Diesel	
C-6000	
D-602	17,000
D-611	22,000
D-612	23,000
D-615	20,200
D-616	21,200
C-7000	
D-702	25,500
D-705	27,500
D-707	21,200
D-708	23,000
C-8000	
D-802	27,500
D-806	25,100
D-807	32,000
D-808	35,000
CT-Series — Gas	
CT-800	
L-800	43,000
L-802	39,000
L-806	42,000
L-807	46,000
L-808	47,100
L-809	48,000
CT-900	
L-900	39,000
L-913	42,000
L-914	46,000
L-915	47,100
L-916	50,000
L-917	51,100
L-918	54,000
L-919	50,000

CT-Series — Diesel	
CT-8000	
Q-800	43,000
Q-802	39,000
Q-803	45,000
Q-805	41,000
Q-807	46,000
Q-808	47,100
Q-809	50,000
HIGH TILT 'W' SERIES CAB	
W, WT-Series — Diesel	
W-9000	
Z-903	36,000
Z-904	29,900
Z-905	35,000
Z-906	36,000
Z-907	29,640
WT-9000	
X-905	44,800
X-906	46,000
X-907	46,000
X-908	47,100
X-909	44,600
X-915 •	44,800
X-916 •	46,000
X-917 •	46,000
X-918 •	47,100
X-919 •	44,600

(• DSO)

AXLE RATIO CODES

Econoline Non-Locking

Code	Description	#Capacity	Ratio
01	Ford	2750	3.00
05	Ford	2750	2.75
13	Ford	3750/3600	2.75
14	Ford	3750/3600	3.00
16	Ford	3750/3600	3.50
15	Ford	3750/3600	3.25
22	Dana	5300	3.07
23	Dana	5300	3.31
38	Dana	5300	3.73
24	Dana	5300	4.10
36	Dana	7400	3.73
27	Dana	7400	4.10

Econoline — Locking

Code	Description	#Capacity	Ratio
H2	Ford	3750/3600	3.50
H4	Ford	3750/3600	3.25
C8	Dana	5300	3.73
D7	Dana	7400	4.10

Bronco — F-100 — 350

Code	Description	#Capacity	Ratio
18	Ford	2900	2.50
03	Ford	2900	4.11
12	Ford	2900	3.00
07	Ford	2900	3.25
06	Ford	2900	2.75
B8	Ford Limited Slip	2900	3.50
A3	Ford Limited Slip	2900	4.11
02	Ford	3300	3.00
17	Ford	3300	3.25
08	Ford	3300	3.50
11	Ford	3300	2.75
14	Ford	3750	3.00
15	Ford	3750	3.25
16	Ford	3750	3.50
13	Ford	3750	2.75
19	Ford	3750	4.11
H2	Ltd. Slip	3750	3.50
H9	Ltd. Slip	3750	4.11
H4	Ltd. Slip	3750	3.25
23	Dana 61	5300	3.31
22	Dana 61	5300	3.07
24	Dana 60	5300	4.10
37	Dana 60	5300	3.54
38	Dana 60	5300	3.73
B4	Dana 60 Limited Slip	5300	4.10
C7	Dana 60 Limited Slip	5300	3.54
C8	Dand 60 Limited Slip	5300	3.73
27	Dana 70	7400	4.10
28	Dana 70	7400	4.56
36	Dana 70	7400	3.73
D7	Dana 70 Limited Slip	7400	4.10

F & B 500-600

Code	Description	#Capacity	Ratio
41	Rockwell D-140	13000	5.83
42	Rockwell D-140	13000	6.20
62	Rockwell F-106	15000	6.20
64	Rockwell F-106	15000	6.80
66	Rockwell F-106	15000	7.20
F2	Eaton 15201	15000 2-Speed	5.83/8.12
F3	Eaton 15201	15000 2-Speed	6.33/8.81
52	Rockwell H-170	17500	5.86
53	Rockwell H-170	17500	6.14
54	Rockwell H-170	17500	6.83
55	Rockwell H-170	17500	7.17
E1	Eaton 16244	17500 2-Speed	5.57/7.75
E2	Eaton 16244	17500 2-Speed	6.17/8.58
E3	Eaton 16244	17500 2-Speed	6.50/9.04
FQ	Eaton 17121	18500	6.14
GQ	Eaton 17121	18500	6.50
HQ	Eaton 17121	18500	7.17
EH	Eaton 17221	18500 2-Speed	5.57/7.60
FH	Eaton 17221	18500 2-Speed	6.14/8.38
GH	Eaton 17221	18500 2-Speed	6.50/8.87
HH	Eaton 17221	18500 2-Speed	7.17/9.77

Medium — Parcel — School Bus
F & B 500-600 & Parcel

Code	Description	#Capacity	Ratio
24	Dana 60 Parcel	5200	4.10
25	Dana 60 Parcel	5200	4.56
22	Dana 70 Parcel	7400	4.88
28	Dana 70 Parcel	7400	4.56
42	Rockwell D-140	13000	6.20
41	Rockwell D-140	13000	5.83
62	Rockwell F-106	15000	6.20
64	Rockwell F-106	15000	6.80
66	Rockwell F-106	15000	7.20
F2	Eaton 15201	15000 2-Speed	5.83/8.12
F3	Eaton 15201	15000 2-Speed	6.33/8.81
52	Rockwell H-170	17500	5.86
53	Rockwell H-170	17500	6.14
54	Rockwell H-170	17500	6.83
55	Rockwell H-170	17500	7.17
E1	Eaton 16244	17500 2-Speed	5.57/7.75
E2	Eaton 16244	17500 2-Speed	6.17/8.58
E3	Eaton 16244	17500 2-Speed	6.50/9.04
EH	Eaton 16221	18500 2-Speed	5.57/6.60
FH	Eaton 16221	18500 2-Speed	6.15/8.38
GH	Eaton 16221	18500 2-Speed	6.50/8.87
HH	Eaton 16221	18500 2-Speed	7.17/9.77
FQ	Eaton 17121	15800 2-Speed	6.14
GQ	Eaton 17121	15800 2-Speed	6.50
HQ	Eaton 17121	15800 2-Speed	7.17

Heavy

Code	Description	#Capacity	Ratio
41	Rockwell D-140	13000	5.83
42	Rockwell D-140	13000	6.20
44	Rockwell D-140	13000	6.80
62	Rockwell F-106	15000	6.20
64	Rockwell F-106	15000	6.80
66	Rockwell F-106	15000	7.20
F2	Eaton 15201	15000 2-Speed	5.83/8.12
F3	Eaton 15201	15000 2-Speed	6.33/8.81
52	Rockwell H-170	175000	5.86
53	Rockwell H-170	175000	6.14
54	Rockwell H-170	175000	6.83
55	Rockwell H-170	175000	7.17
E1	Eaton 16244	17500 2-Speed	5.57/7.57
E2	Eaton 16244	17500 2-Speed	6.17/8.58
E3	Eaton 16244	17500 2-Speed	6.50/9.04
FQ	Eaton 17121	18500	6.14
GQ	Eaton 17121	18500	6.50
HQ	Eaton 17121	18500	7.17
EH	Eaton 17221	18500 2-Speed	5.57/7.60
FH	Eaton 17221	18500 2-Speed	6.14/8.38
GH	Eaton 17221	18500 2-Speed	6.50/8.87
HH	Eaton 17221	18500 2-Speed	7.17/9.77
DK	Eaton 18121	22000	6.50
EK	Eaton 18121	22000	7.17
DB	Eaton 18221	22000 2-Speed	5.57/7.60
EB	Eaton 18221	22000 2-Speed	6.14/8.38
FB	Eaton 18221	22000 2-Speed	6.50/8.87
GB	Eaton 18221	22000 2-Speed	7.17/9.77
AG	Eaton 19121	23000	4.11
BG	Eaton 19121	23000	4.33
HG	Eaton 19121	23000	4.56
CG	Eaton 19121	23000	4.88
DG	Eaton 19121	23000	5.43
EG	Eaton 19121	23000	6.17
FG	Eaton 19121	23000	6.67
GG	Eaton 19121	23000	3.70
GP	Eaton 19221	23000 2-Speed	4.11/5.60
CP	Eaton 19221	23000 2-Speed	5.43/7.39
DP	Eaton 19221	23000 2-Speed	6.17/8.40
EP	Eaton 19221	23000 2-Speed	6.67/9.08
AP	Eaton 19221	23000 2-Speed	4.35/5.90
H1	Rockwell R-171	23000	4.11
H2	Rockwell R-171	23000	4.33
H3	Rockwell R-171	23000	4.63
H4	Rockwell R-171	23000	4.88
H5	Rockwell R-171	23000	5.29
H6	Rockwell R-171	23000	5.86
H7	Rockwell R-171	23000	6.14
H9	Rockwell R-171	23000	3.70
1A	Rockwell R-170	23000	4.11
2A	Rockwell R-170	23000	4.33
3A	Rockwell R-170	23000	5.29
4A	Rockwell R-170	23000	6.14
7A	Rockwell R-170	23000	5.86
JA	Rockwell R-170 w/Traction	23000	4.11
KA	Rockwell R-170 w/Traction	23000	4.33
LA	Rockwell R-170 w/Traction	23000	5.29
MA	Rockwell R-170 w/Traction	23000	6.14
EC	Eaton 30-DSC	*32000	6.50
FC	Eaton 30-DSC	*32000	7.17
GC	Eaton 30-DSC	*32000	7.60
JF	Eaton 34-DSC	*34000	4.11
BF	Eaton 34-DSC	*34000	4.33
CF	Eaton 34-DSC	*34000	4.56
DF	Eaton 34-DSC	*34000	4.88
LF	Eaton 34-DSC	*34000	3.70
FF	Eaton 34-DSC	*34000	5.57
GF	Eaton 34-DSE	*34000	6.14
HF	Eaton 34-DSE	*34000	6.50
MF	Eaton 34-DSE	*34000	7.17
KF	Eaton 34-DSE	*34000	7.60
DN	Eaton 34-DPC	*34000	6.21
FN	Eaton 34-DPC	*34000	7.60
FW	Eaton 34-DTE	*34000	6.14/8.38
GW	Eaton 34-DTE	*34000	6.50/8.87
HW	Eaton 34-DTE	*34000	7.17/9.77
B1	Rockwell Slhd. (Hendrickson)	*34000	4.11
B2	Rockwell Slhd. (Hendrickson)	*34000	4.44
B3	Rockwell Slhd. (Hendrickson)	*34000	4.63
B4	Rockwell Slhd. (Hendrickson)	*34000	4.88
B6	Rockwell Slhd. (Hendrickson)	*34000	5.83
B7	Rockwell Slhd. (Hendrickson)	*34000	6.17
B8	Rockwell Slhd. (Hendrickson)	*34000	6.83
B9	Rockwell Slhd. (Hendrickson)	*34000	7.80
BB	Rockwell Slhd. (Hendrickson)	*34000	8.60
AJ	Eaton 38-DSC	*38000	4.56
BJ	Eaton 38-DSC	*38000	4.88
CJ	Eaton 38-DSC	*38000	5.57
FJ	Eaton 38-DSC	*38000	4.11
GJ	Eaton 38-DSC	*38000	4.33
HJ	Eaton 38-DSC	*38000	5.29
LJ	Eaton 38-DSC	*38000	3.70
DJ	Eaton 38-DSE	*38000	6.14
EJ	Eaton 38-DSE	*38000	6.50
JJ	Eaton 38-DSE	*38000	7.17
KJ	Eaton 38-DSE	*48000	7.60
AR	Eaton 38-DPC	*38000	5.05
DR	Eaton 38-DPC	*38000	6.22
ER	Eaton 38-DPC	*38000	6.65
FR	Eaton 38-DPC	*38000	7.60
D1	Rockwell Sqhd. (Hendrickson)	*38000	4.11
D2	Rockwell Sqhd. (Hendrickson)	*38000	4.44
D3	Rockwell Sqhd. (Hendrickson)	*38000	4.63
D4	Rockwell Sqhd. (Hendrickson)	*38000	5.29
D5	Rockwell Sqhd. (Hendrickson)	*38000	5.83
D6	Rockwell Sqhd. (Hendrickson)	*38000	6.83
D7	Rockwell Sqhd. (Hendrickson)	*38000	7.80
D8	Rockwell Sqhd. (Hendrickson)	*38000	4.88
DA	Rockwell Sqhd. (Hendrickson)	*38000	6.17
AV	Eaton 42-DPB	*44000	7.60
CV	Eaton 42-DPB	*34000	5.05
DV	Eaton 42-DPB	*44000	5.91
AX	Eaton 50-DP	*50000	5.61

* Tandem

CY1707-C1

TRANSMISSION CODES

Code	Description
Econoline — Club Wagon	
C	3 Speed Manual Ford
G	Automatic
Z	Cruisomatic C-6
Bronco — F-100-350	
G	Automatic
C	Ford Manual 3-Speed
F	Warner T-18 4-Speed
A	New Process 435 4-Speed
F & B500-600	
L	Allison AT540
P	Warner T-19 4-Speed
G	C-6 Automatic
4	Clark 280-VO Overdrive 5-Speed
2	Clark 282-V Direct 5-Speed
M	Clark 285-V Direct 5-Speed
6	Clark 390-V Direct 5-Speed
Z	Clark 397-V Direct 5-Speed
A	New Process 435 4-Speed
9	New Process 542 Direct 5-Speed
O	New Process 542-FL Direct 5-Speed
T	New Process 542-FO Overdrive 5-Speed
7	Spicer CM-5052 Direct 5-Speed
D	Spicer CM-5252 Direct 5-Speed
Q	Spicer CM-5052A Direct 5-Speed
S	Spicer CM-6052B Direct 5-Speed
N	Spicer CM-6052C Direct 5-Speed

HEAVY
Parcel & Heavy — Less 9000 'W' Series

Gas	Diesel	
L	—	Allison AT-540 Automatic
8	—	Allison MT-640 Automatic
H	H	Allison MT-650 Automatic
4	—	Clark 280 5-Speed
2	2	Clark 282 5-Speed
M	M	Clark 285 5-Speed
—	6	Clark 390 5-Speed
—	Z	Clark 397 5-Speed
W	—	Ford C-6 Automatic
J	—	Ford FMX Automatic
C	C	Fuller RT-610 10-Speed
P	P	Fuller RT-613 13-Speed
—	X	Fuller T-905A 5-Speed
—	O	Fuller T-905B 5-Speed
—	3	Fuller RT-906 6-Speed
—	V	Fuller RT-910 10-Speed
—	5	Fuller RTO-910 10-Speed O/D
—	Q	Fuller RT-1110 10-Speed
—	8	Fuller RT-9509A 9-Speed
—	T	Fuller RTO-9509B 9-Speed O/D
—	4	Fuller RT-9513 13-Speed
—	J	Fuller RTO-9513 13-Speed O/D
—	E	Fuller RT-12510 10-Speed
—	F	Fuller RTO-12513 10-Speed O/D
A	—	New Process NP-435 4-Speed
9	—	New Process NP-542-FD 5-Speed
O	—	New Process NP-542-FL 5-Speed
T	—	New Process NP-542-FO 5-Speed
—	G	Spicer SST-1007-2A 7-Speed
—	A	Spicer SST-1010 10-Speed
7	7	Spicer CM-5052A 5-Speed
D	D	Spicer CM-5252A 5-Speed
Q	—	Spicer 5652 5-Speed
S	—	Spicer 5656-B 5-Speed
B	B	Spicer CM-6052A 5-Speed
K	K	Spicer CM-6052B 5-Speed
R	R	Spicer CM-6052C 5-Speed
N	N	Spicer 6352 5-Speed
U	U	Spicer 6852G 5-Speed
—	Y	Spicer RP-85163-A 16-Speed

AUXILIARY TRANSMISSION
FORD HEAVY AND EXTRA-HEAVY TRUCK — PARCEL

Code	Description
4	Spicer 7231-D
5	Spicer R-8341-2
8	Spicer 7041

MED — SCHOOL BUS — F-B 500-600

Code	Description
4	Clark 280-VO Overdrive 5-Speed
2	Clark 282-V Direct 5-Speed
M	Clark 285-V Direct 5-Speed
9	New Process 542 Direct 5-Speed
O	New Process 542-FL Direct 5-Speed
T	New Process 542-FO Overdrive 5-Speed
7	Spicer CM-5052 Direct 5-Speed
D	Spicer CM-5252 Direct 5-Speed
Q	Spicer CM-6052A Direct 5-Speed
S	Spicer CM-6052B Direct 5-Speed
L	Allison AT-540
P	Warner T-19 4-Speed
G	C-6 Automatic
A	New Process 435 4-Speed
N	Spicer CM-6052C Direct 5-Speed
6	Clark 390-V Direct 5-Speed
Z	Clark 397-V Direct 5-Speed

9000 'W' Series

O	Fuller T-905B Direct 5-Speed
3	Fuller RT-906 Direct 6-Speed
5	Fuller RTO-910 Overdrive 10-Speed
V	Fuller RT-910 Direct 10-Speed
Q	Fuller RT-1110 Direct 10-Speed
8	Fuller RT-9509A Direct 9-Speed
4	Fuller RT-9513 Direct 13-Speed
E	Fuller RT-12510 Direct 10-Speed
J	Fuller RTO-9513 Overdrive 13-Speed
F	Fuller RTO-12513 Overdrive 13-Speed
G	Spicer SST-10072A Direct 7-Speed
A	Spicer SST-10 Direct 10-Speed

CY1707-C2

CHARGING SYSTEM

GROUP 31 (10000)

Charging System General Service

PART 31-01

APPLIES TO ALL MODELS

DIAGNOSIS AND TESTING

CHARGING SYSTEM

Certain tests outlined in the following Parts are illustrated in the schematic and in pictorial form. The schematic illustrates the internal connections of the Rotunda equipment so these connections can be duplicated when this equipment is not available. The various circuits involved in the tests can be selected by means of switches without the necessity of changing connections when the illustrated equipment is used. This reduces the time required to test units and circuits on the vehicle.

Where applicable, the tests are divided into On The Vehicle and On the Test Bench procedures. Either procedure can be followed depending on the equipment available for the tests.

Troubleshooting or diagnosis is required before actual repairs can be made in the electrical system. Even where it is obvious that replacement of a unit necessary, you must still find out why replacement is necessary. (Refer to the diagnosis charts at the end of this Part), when a trouble is diagnosed correctly, unnecessary repairs are prevented, the time the vehicle is out of service will be decreased, and the repairs that are made

will be permanent. Troubleshooting procedures are given in the diagnosis charts at the end of this part.

CHARGING SYSTEM FUSE LINK

The fuse link used on the Bronco, Econoline, Club Wagons, Parcel Delivery and light trucks, is a short length of insulated wire integral with the engine compartment wiring harness. It is several wire gages smaller than the circuit that it protects and is the color of the circuit being supplied by the fuse link. Service fuse links are green or black depending on usage. All fuse links have a flag moulded on the wire or on the terminal insulator. Color identification of the flag or connector is Red—18 gage wire, Orange—16 gage wire, or Green—14 gage wire. Fig. 1 shows the fuse link installations.

The fuse link is designed to burn out, thus protecting the alternator and wiring when heavy reverse current flows, such as when a booster battery is connected incorrectly, or a short to ground occurs in the wiring harness.

A burned out link may have bare wire ends protruding from the insulation, or it may only have expanded or bubbled insulation. If it is hard to determine if the link is burned out, perform a continuity test.

Refer to Part 34-31 for testing procedures for fuse links used in the charging system.

ON VEHICLE TESTS

Before performing charging system tests on the vehicle, note the complaint such as: slow cranking, battery dead or using an excessive amount of water, top of battery wet, ammeter shows charge at all times and/or no charge, alternator warning lamp does not come on and/or never goes out. This information will aid in isolating the part of the system causing the symptom.

Visual Inspection

1. If the vehicle is equipped with a fuse link, check the fuse link located between the starter solenoid and the alternator. Replace the fuse link if burned.
2. Check the battery posts and battery cable terminals for clean and tight connections. Remove the battery cables (if corroded), clean and install them securely. The battery must be properly charged, (at least 1.200 specific gravity).
3. Check for clean and tight wiring connections at the alternator, regulator and engine.
4. Check the alternator belt tension and tighten to specification (if necessary).

BATTERY DRAIN TEST

Connect a test light in series with the battery cable (+) and positive (+) terminal of battery. With all switches OFF, the test light should not glow. If the light glows, pull all the fuses, one at a time, and check each circuit. Repair shorted harness wiring or replace components as required.

ALTERNATOR INDICATOR LIGHT TEST

Normal Charge Indicator

With Ignition switch off . . . Alternator lamp is off.

With Ignition switch on (engine not running) . . . Alternator lamp is on.

With Ignition switch on (engine running) . . . Alternator lamp is off.

1. If the charge indicator lamp does not come on with the ignition key in the ON position and the engine not running, check the I wiring circuit for an open circuit or burned out charge indicator lamp (ignition switch to regulator I terminal).
2. If the charge indicator light does not come on, disconnect the wiring plug connector at the regulator and connect a jumper wire from the I terminal of the regulator wiring plug to the negative battery post cable clamp.
3. The charge indicator lamp should go on with the ignition key turned to the ON position.
4. If the charge indicator bulb does not go on, check the bulb for continuity and replace (if burned out).
5. If the bulb is not burned out, an open circuit exists between the ignition switch and the regulator.

A good indication of a problem in the I wiring circuit (ignition switch to regulator I terminal) will show when the charge indicator light goes out with high engine rpm. This is caused by an open circuit in the 15 ohm resistor wire (connected in parallel with the indicator light) generally at the terminal point (either end of the resistor wire).

Ammeter Test

Normal Charge Indicator

With ignition switch off and no electrical load . . . Ammeter should show 0 or center scale.

With ignition switch on engine running . . . Needle deflects towards charge and returns toward center scale in two steps (fully charged battery).

With ignition switch off and headlamps on . . . Ammeter should show between 0 and discharge scale.

Refer to the diagnosis charts at the end of this part for isolating alternator charging system problems.

Tests Using a Voltmeter

When performing charging system tests with a voltmeter, turn OFF all lights and electrical components. Place the transmission in neutral and apply the parking brake. The battery must be charged to at least 1.200 specific gravity before starting the test.

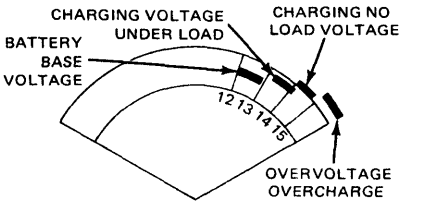


FIG. 1 Voltmeter Test Scale

Voltmeter Test (Fig. 1 and 2)

1. Connect the negative lead of the voltmeter to the negative battery cable clamp (not bolt or nut), and the positive lead of the voltmeter to the positive battery cable clamp (not bolt or nut) (Fig. 2).

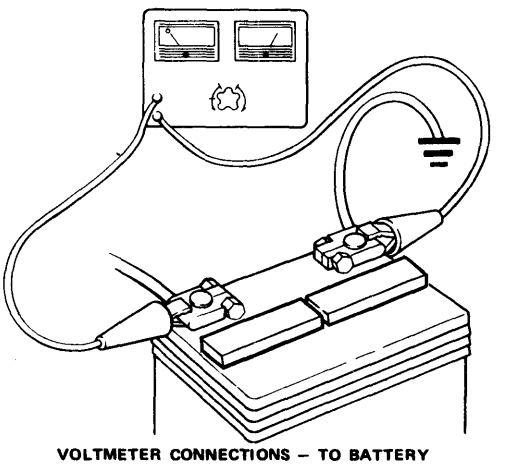


FIG. 2 Voltmeter-To-Battery Connections

2. Record the battery voltage reading shown on the voltmeter scale, (base voltage).
3. Then, start the engine and operate the engine at approximately 1500 rpm. With no other electrical load (foot off brake pedal and car doors closed), the voltmeter reading should increase 1 volt and not exceed 2 volts above the first recorded battery voltage reading. The reading should be taken when the voltmeter needle stops moving, (no load voltage).
4. With the engine running, turn on the heater and/or air conditioner blower motor (high speed) and headlights on (high beam).
5. Increase the engine speed to approximately 2000 rpm. The voltmeter should indicate a minimum of 0.5 volt above the first recorded battery voltage, (load voltage).

If the above tests indicate proper voltage readings, the charging system is operating normally. Proceed to the tests below if one or more of the readings is different than shown above.

Over Voltage Test

1. If the voltmeter reading indicates over voltage (more than 2.0 volts above battery voltage), stop the engine and check the ground connections between the regulator and alternator and/or regulator to engine. Clean and tighten connections securely and repeat the Voltmeter Test.
2. If over voltage condition still exists, disconnect the regulator wiring plug from the regulator and repeat the Voltmeter Test.
3. If over voltage condition disappears (voltmeter reads battery voltage), replace voltage regulator and repeat the voltmeter test.
4. If over voltage still exists with the regulator wiring plug disconnected, repair the short in the wiring harness between the alternator and regulator. Then, replace the regulator and connect the regulator wiring plug to the regulator and repeat the Voltmeter Test.

Low Voltage Test

1. If the voltmeter reading does not increase (one volt), check for the presence of battery voltage at the alternator BAT terminal and the regulator A terminal (Fig. 3). Repair the wiring if no voltage is present at these terminals, and repeat the Voltmeter Test Procedure.
2. If the voltmeter reading does not increase one volt above battery voltage, disconnect the regulator plug from the regulator and connect a jumper across the A and F terminals of the plug, (Fig. 3).

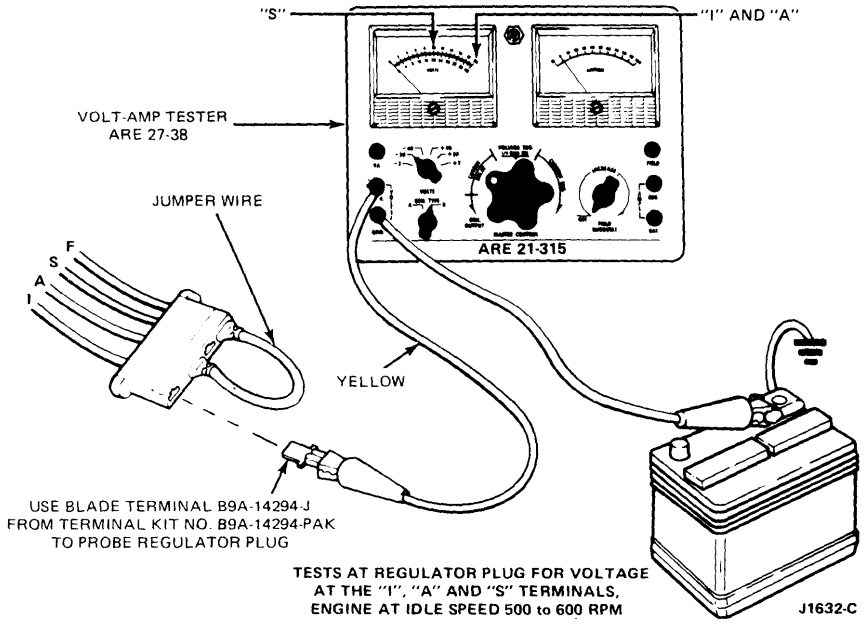


FIG. 3 Regulator Plug Voltage Tests

NOTE: If the field circuit is grounded and the jumper wire is used as a check at the regulator wiring plug from the A to F terminals the wire will spark and heat up when connected. The connector wire inside the regulator will be burned open and an under voltage condition will result.

3. The field circuit should be checked with the regulator wiring plug disconnected and an ohmmeter connected from the F terminal of the regulator wiring plug to the battery ground. The ohmmeter should indicate between 4 and 250 ohms (Fig. 4).
4. A check for the regulator burned-open wire is made by connecting an ohmmeter from the I to F terminals of the regulator (Fig. 5). The reading should indicate 0 (no resistance). If the reading indicates approximately

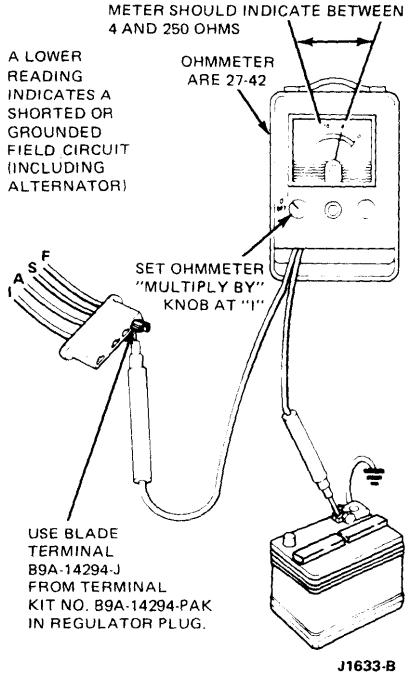


FIG. 4 Field Circuit Test

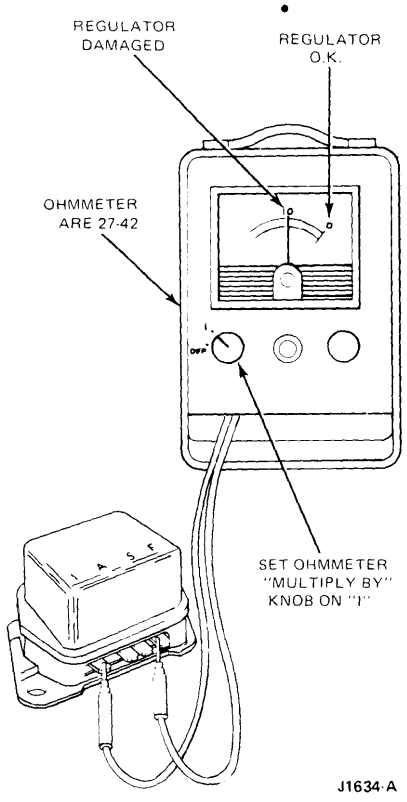


FIG. 5 Regulator Burned-Open Connector Wire Test

10 ohms, the connector wire inside the regulator is open. **The field circuit grounded condition must be found and repaired before installing a new regulator.**

Field Circuit and Alternator Tests

1. If the field circuit is satisfactory, connect the jumper wire from the A to the F terminals on the regulator wiring plug (Fig. 6) and repeat the Voltmeter Test.

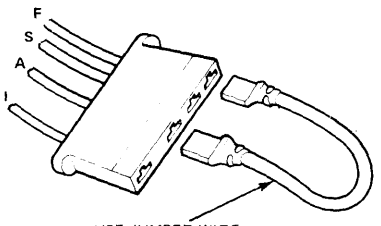


FIG. 6 Regulator Plug Jumper Wire Connections

2. If the Voltmeter Test Procedure still indicates under voltage, remove the jumper wire from the regulator plug and leave the plug disconnected from the regulator. Then, connect a jumper wire to the FLD and BAT terminals on the alternator (Fig. 7) and repeat the Voltmeter Test.
3. If the Voltmeter Test results are now satisfactory, repair the wiring harness from the alternator to the regulator. Then, **remove the jumper wire at the alternator** and connect the regulator wiring plug to the regulator and repeat the Voltmeter Test to be sure the charging system is operating normally.
4. If the Voltmeter Test results still indicate (under voltage), repair or replace the alternator. With the jumper wire removed, connect the wiring to the alternator and regulator and repeat the Voltmeter Test.

Regulator I and S Circuit Tests S—Circuit With Ammeter

1. Connect the positive lead of the voltmeter to the S terminal of the regulator wiring plug (Fig. 3). Then, turn the ignition switch to the ON position. Do not start the engine.
2. The voltmeter reading should indicate battery voltage.
3. If there is no voltage reading, disconnect the positive voltmeter lead from the S-terminal of the regulator and repair the S wire lead from the ignition switch to the regulator wiring plug.
4. Connect the positive voltmeter lead to the positive battery cable terminal, connect regulator wiring plug to regulator and repeat the Voltmeter Test Procedure.

S and I Circuit—With Indicator Light

1. Disconnect the regulator wiring plug and install a jumper wire between the A and F terminals (Fig. 6).
2. With the engine idling, connect the positive lead of the voltmeter to the S terminal and then to the I terminal of the regulator wiring plug. The voltage of the S circuit should read approximately 1/2 of the I circuit.
3. If no voltage is present, repair the wiring circuit. Reconnect the positive voltmeter lead to the positive battery cable terminal.
4. If the above circuit tests are satisfactory, install a new regulator.
5. Then, remove the jumper wire from the regulator wiring plug and connect the wiring plug to the regulator. Repeat the Voltmeter Test Procedure.

Diode Test—On Vehicle

1. Disconnect the electric choke.
2. Disconnect voltage regulator wiring plug.
3. Connect a jumper between A and F terminal of voltage regulator wiring plug (Fig. 7).
4. Connect voltmeter to battery cable clamps.
5. Start engine—let engine run at idle.
6. Read and record voltmeter reading.
7. Move positive voltmeter lead to S-terminal of the alternator
8. If voltmeter reads 1/2 of battery voltage, diodes are okay.

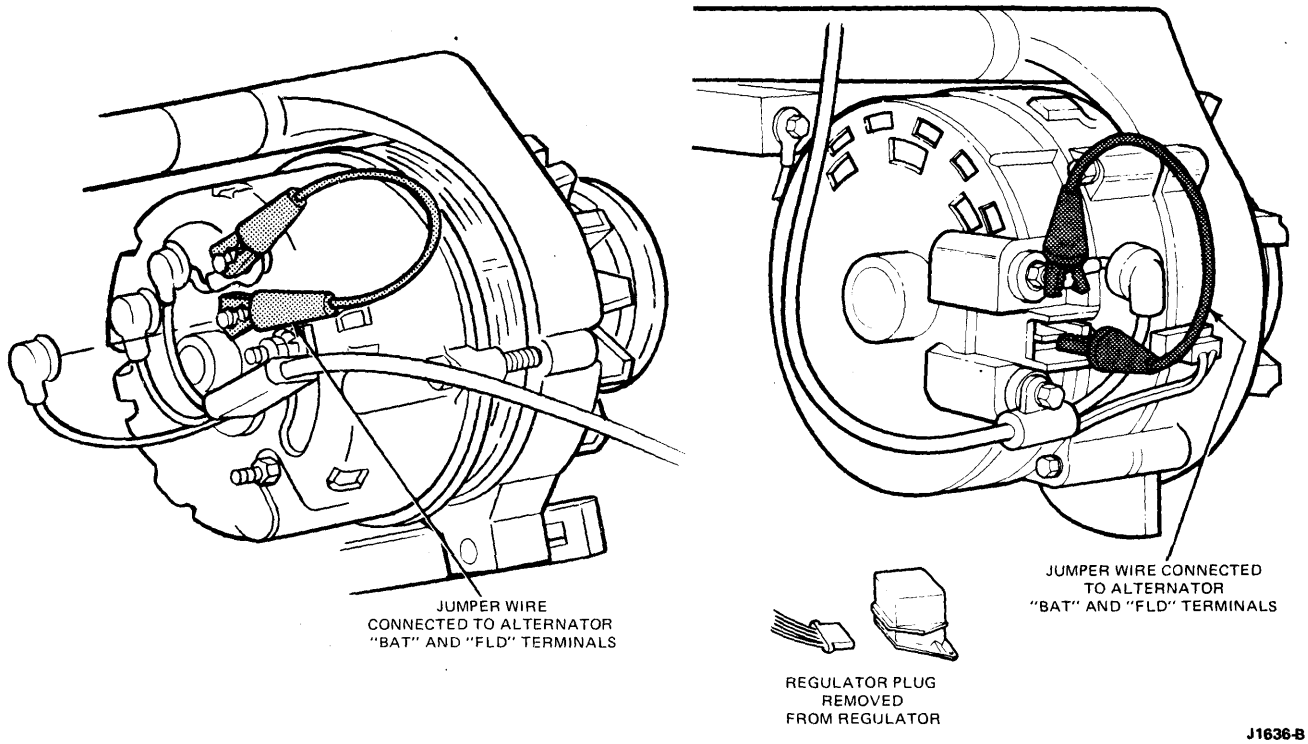


FIG. 7 Jumper Wire Connections

Motorcraft

1973 / 79

Truck Master Parts and Accessories Catalog (100-500 Series)

Source Document
Extract Only
Sections 103 thru 145

FORD MOTOR COMPANY

Dearborn, Michigan

FPS - 8097-A/B
April 1980

MASTER PARTS AND ACCESSORIES CATALOG

(ILLUSTRATIONS)

FORD DIVISION

GENERAL INSTRUCTIONS

This Ford Truck Master Parts Catalog contains parts illustrations for truck series B500, E100/300, F100/500 and P350/500 for model year 1973 for U.S. and Canadian built vehicles.

Use these ILLUSTRATIONS in conjunction with the TEXT in the front portion of the catalog.

For greater convenience this catalog is divided into specific sections such as brakes, front suspension, engine, transmission, etc. For example, FRONT SUSPENSION appears in Section 30, STEERING in Section 35, REAR AXLE in Section 40, etc.

The TEXT portion of the catalog is divided into sections also and like parts are shown under similiar section numbers in both the TEXT and ILLUSTRATION portions of the catalog.

A listing of Ford group numbers and their related section numbers appears in the General Information Section of the TEXT portion of the catalog.

Illustrations contain group numbers only, therefore, it is necessary to refer to the group within the TEXT portion of the catalog listing for complete applicable part number.

The driver's side is the left hand side of the vehicle and determines whether such parts as fenders, lamps, etc. are right or left hand.

Model year application is indicated by showing the first year followed by a diagonal line to indicate continued usage in all subsequent years until the insertion of the last year of usage, which is shown after the diagonal line. If no diagonal line is shown the part is applicable only to the year shown.

Example.

73/	indicates part used 1973 through subsequent models.
73/74	indicates part used 1973 through 1974 model years.
73	indicates part used 1973 model year only.

For Warranty Plate Data, Catalog Model Codes and Body Type Codes refer to the General Information Section of the TEXT portion of the catalog.

SYMBOLS COMMONLY USED IN THIS CATALOG

*	identifies Motorcraft Sales Number.
#	indicates some form of Identification.
★	indicates Not Serviced-must be improvised or procured locally.

MODEL CODES

Truck models are listed throughout this catalog by truck series. A listing of series codes shown on Warranty Plates is included in the General Information Section of the TEXT portion of the catalog. Refer to these codes to determine the series listed in this catalog. Model application is often consolidated as shown below:

Example:

F100/350 means F100 thru F350 or F100, F250 and F350.

and: B-F500 means B500 and F500.

CHASSIS PARTS ILLUSTRATION INDEX

Following is a general index of the major groups shown in the Chassis and Body Parts Illustration Sections. For more specific information refer to the Index appearing in front of the Section number listed below:

MAJOR GROUP	• TABBED DIVIDER TITLE	INDEX SECTION
Accelerator Linkage	Fuel	90
Accessories	Listed in their appropriate groups as identified in this index	
Air Cleaner	Fuel	90
Air Conditioner	Air Cond.-Heaters-Radios-Shock Absorbers	180
Alternator	Generator-Alternator-Starter-Distributor	103
Automatic Transmission	Automatic Transmission	A70
Axle (Front)	Front Axle-Steering	30
Axle (Rear)	Rear Axle	40
Battery	Generator-Alternator-Starter-Distributor	103
Battery Carriers	Generator-Alternator-Starter-Distributor	103
Brake System	Wheel-Brake	10
Bumpers	Bumpers-Mirrors-Speedo. Cable-Tow Hooks-Wipers-Washers	175
Camshaft	Engine	60
Carburetor	Fuel	90
Carrier (Wheel)	Wheel-Brake	10
Clutch	Transmission-Clutch	70
Cooling System	Cooling-Grille	80
Coupling Shaft	Driveshaft-Coupling Shaft	40
Crankcase Vent System	Engine	60
Cylinder Block	Engine	60
Cylinder Head and Valves	Engine	60
Distributor	Generator-Alternator-Starter-Distributor	103
Driveshaft	Driveshaft-Coupling Shaft	40
Electrical	Generator-Alternator-Starter-Distributor	103
Electrical	Lamps-Wiring	130
Emission Control (Thermactor)	Fuel	90
Engine	Engine	60
Engine Supports	Engine	60
Exhaust System	Frames-Muffler-Exhaust	50
Fan	Cooling-Grille	80
Fenders	Fender-Hood	160
Frame	Frame-Muffler-Exhaust	50
Front Axle	Front Axle-Steering	30
Front Springs	Spring-Rear Suspension	50
Front Suspension	Front Axle-Steering	30
Fuel Filter	Fuel	90
Fuel Pump	Fuel	90
Fuel System	Fuel	90
Fuel Tank	Fuel	90
Gearshift Lever	Transmission-Clutch	70
Grille	Cooling-Grille	80

• Applicable to Loose Leaf Catalogs only.

CHASSIS PARTS ILLUSTRATION INDEX cont'd.

MAJOR GROUP	• TABBED DIVIDER TITLE	INDEX SECTION
Heater	Air Cond.-Heaters-Radios-Shock Absorber	180
Hood	Fender-Hood	160
Horn	Lamps-Wiring	130
Hubs	Wheel-Brake	10
Ignition System	Generator-Alternator-Starter-Distributor	103
Instrument Cluster	Generator-Alternator-Starter-Distributor	103
Lamps	Lamps-Wiring	130
Lever (Gearshift)	Transmission-Clutch	70
Manifolds	Fuel	90
Mirrors	Bumpers-Mirrors-Speedo. Cable-Tow Hooks-Wipers-Washers	175
Muffler	Frame-Muffler-Exhaust	50
Oil Pump	Engine	60
Piston and Connecting Rod	Engine	60
Pump (Fuel)	Fuel	90
Pump (Oil)	Engine	60
Pump (Water)	Cooling-Grille	80
Radiator	Cooling-Grille	80
Radios	Air Cond.-Heaters-Radios-Shock Absorbers	180
Rear Axle	Rear Axle	40
Rear Springs	Springs-Rear Suspension	50
Shaft (Coupling)	Driveshaft-Coupling Shaft	40
Shock Absorbers	Air Cond.-Heaters-Radios-Shock Absorber	180
Spare Wheel Carrier	Wheel-Brake	10
Speedo. Cable	Bumpers-Mirrors-Speedo. Cable-Tow Hooks-Wipers-Washers	175
Springs	Springs-Rear Suspension	50
Stabilizer (Front)	Front Axle-Steering	30
Starter	Generator-Alternator-Starter-Distributor	103
Steering	Front Axle-Steering	30
Steering Wheel	Front Axle-Steering	30
Suspension (Front)	Front Axle-Steering	30
Suspension (Rear)	Springs-Rear Suspension	50
Tank (Fuel)	Fuel	90
Tow Hooks	Bumpers-Mirrors-Speedo. Cable-Tow Hooks-Wipers-Washers	175
Thermostatic Choke Control	Fuel	90
Transfer Case	Transmission-Clutch	70
Transmission (Automatic)	Automatic Transmission	A70
Transmission (Manual)	Transmission-Clutch	70
Valves, Push Rods and Covers	Engine	60
Voltage Regulator	Generator-Alternator-Starter-Distributor	103
Water Pump	Cooling-Grille	80
Wheels	Wheels-Brakes	10
Windshield Wiper and Washers	Bumpers-Mirrors-Speedo. Cable-Tow Hooks-Wipers-Washers	175
Wiring	Lamps-Wiring	130

• Applicable to Loose Leaf Catalogs only.

1973/79 TRUCK SERIES 100/500

BODY PARTS ILLUSTRATION INDEX

MAJOR GROUP	• TABBED DIVIDER TITLE	INDEX SECTION
American Road Camper Parts	Recreational Vehicles	Refer to text catalog
Back Door	Body Parts	Δ
Door Parts	Body Parts	Δ
Exterior Trim	Sheet Metal-Exterior Mldg.-Interior Trim	Δ
Interior Trim	Sheet Metal Exterior Mldg.-Interior Trim	Δ
Platform and Racks	Sheet Metal-Exterior Mldg.-Interior Trim	Δ
Seats	Body Parts	Δ
Sheet Metal	Sheet Metal-Exterior Mldg.-Interior Trim	Δ
Storage Compartment	Body Parts	Δ
Windows (Back and Side)	Body Parts	Δ
Windshield	Body Parts	Δ

HOW TO USE THIS CATALOG

There are three ways of finding part numbers if the group number is not known.

1. By Part Name
2. By Illustration
3. By Identification

Should an inquiry be received for a radiator grille for a 1978 F100:

BY PART NAME -

A. Refer to the Chassis Parts Alphabetical Index in the Text Catalog, form FPS 8096-A.
B. Refer to the alphabetical nomenclature and find the part name "Grille (radiator)". The group number listed is 8200.
C. Refer to group number 8200 and locate 1973 in the "YEAR" column. Find the series F100/350 in the "MODEL/RESTRICTIONS" column.
D. The part number shown is D5TZ 8200-A.

BY ILLUSTRATION -

A. Refer to the tabbed divider marked "COOLING-GRILLE" in this catalog.
B. Refer to the index immediately behind the divider and find the illustration titles for the F Series.
C. Under the heading "RADIATOR GRILLE and RELATED PARTS" find the "Grille" illustration for the 1973 F100.
D. Refer to the illustration designated (on page 2 of Illustration Section 82) and find the group number for the grille to be 8200.
E. Refer to group number 8200 in the Text Catalog and locate 1973 in the "YEAR" column. Find the series F100/350 in the "MODEL/RESTRICTIONS" column.
F. The part number shown is D5TZ 8200-A.

BY IDENTIFICATION -

Certain parts and most major assemblies are identified with a part number shown on an attached tag or plate or on the part itself. Reference to identification numbers is made throughout the catalog and cross reference charts are included in some sections to provide immediate knowledge of the service part number when the identification number is known. All identification information other than charts will be preceded by the symbol (#).

IMPORTANT - Identification tags and plates must be retained with the part or assembly with which they are originally supplied.

• Applicable to Loose Leaf Catalogs only.
Δ Refer to Index Section in front of Body Illustrations.

HOW TO ORDER PARTS

When ordering parts, always give the complete part number.
In the event the part number is not known, the following information should be included.

A. Complete description of part.
B. Model year and body type.
C. Dimension, number of teeth, size, etc., if possible rough sketch of part.
D. If applicable to engine, transmission, axle, steering, etc., specify type, such as 302 cubic inch, Automatic Transmission, Power Steering, etc.
E. Advise how shipment is to be made - Freight, Express, Air, Parcel Post.

EXPLANATION OF SYMBOL ★

★Symbol indicates part is not supplied for service due to the following:

a. Part is superseded and replaced as indicated in the description column of the text catalog.
b. Part can be improvised as indicated in the description column of text catalog.
c. Due to its function there would be little or no demand.

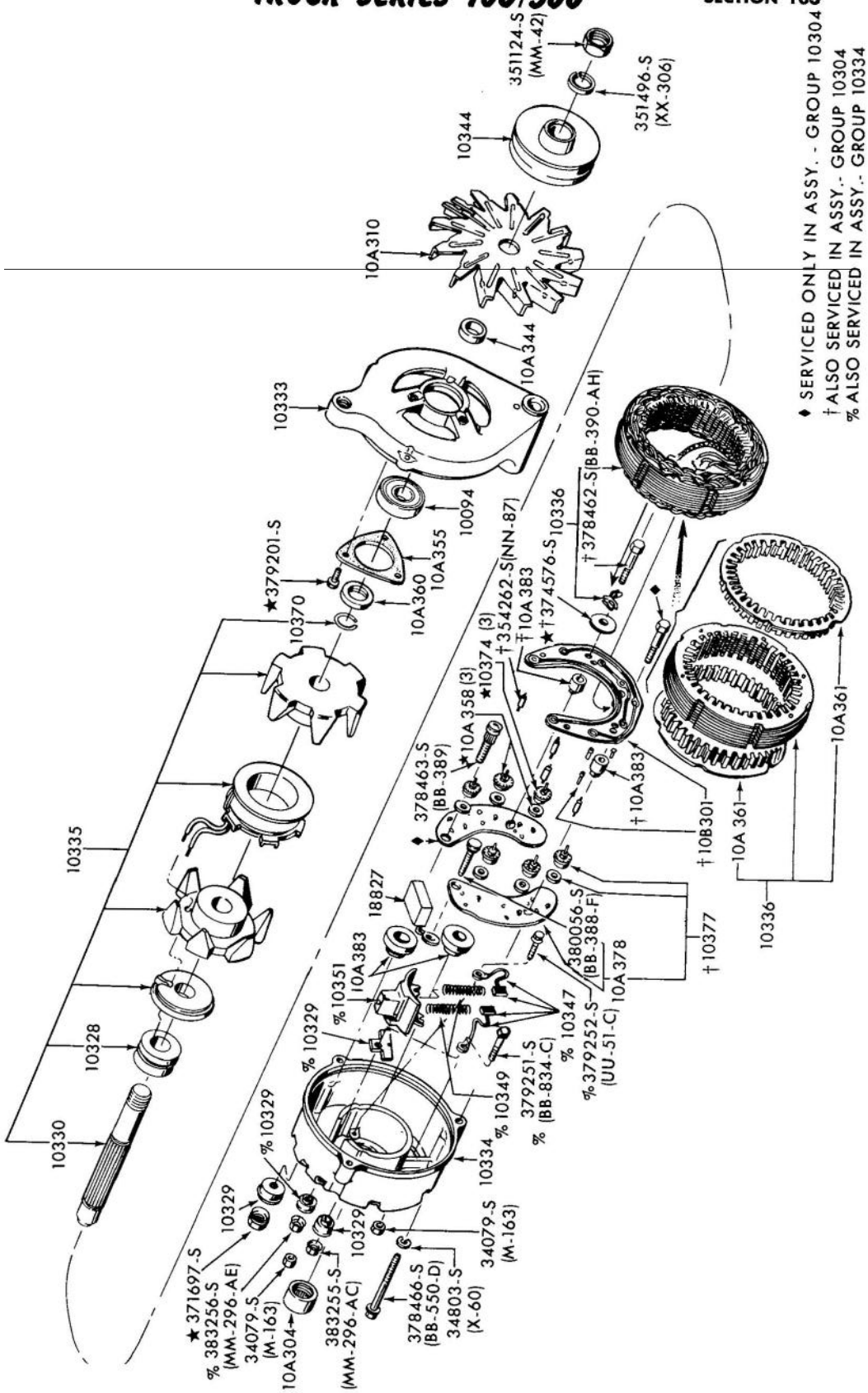
NOTE - ALWAYS REFER TO THE DESCRIPTION COLUMN OF THE TEXT FOR POSSIBLE SUBSTITUTION, OR FOR MATERIAL SPECIFICATIONS AND DIMENSIONS WHICH MAY BE HELPFUL IN OBTAINING THE NON-SERVICED PART LOCALLY.

INDEX

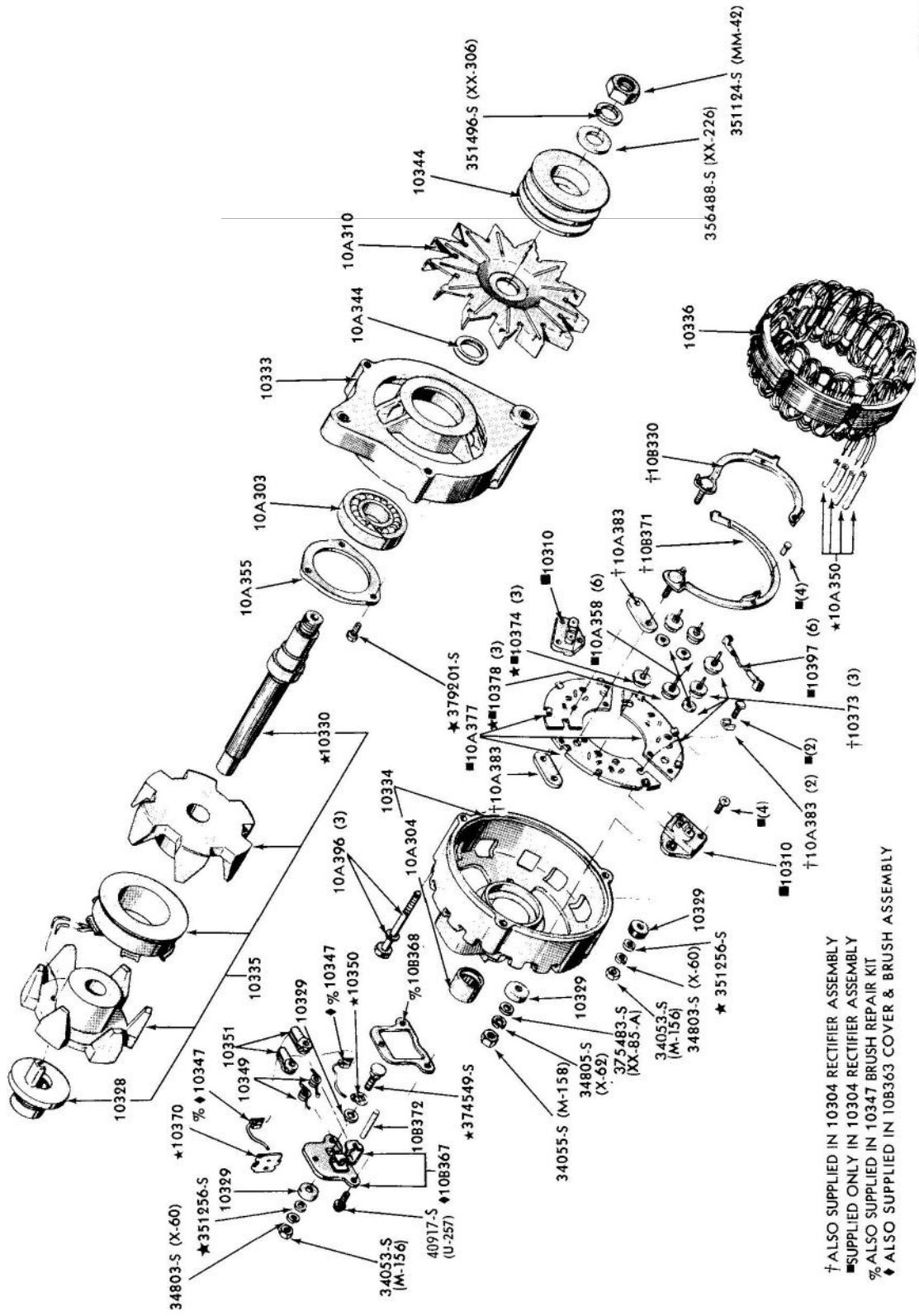
INCLUDED IN THIS INDEX ARE THE FOLLOWING MAJOR GROUPS IN THE ORDER SHOWN BELOW

ALTERNATOR
BATTERY CARRIER
DISTRIBUTOR
EMISSION SYSTEM
GOVERNOR ASSY.
IGNITION WIRING
INSTRUMENT CLUSTER
STARTER
VOLTMETER

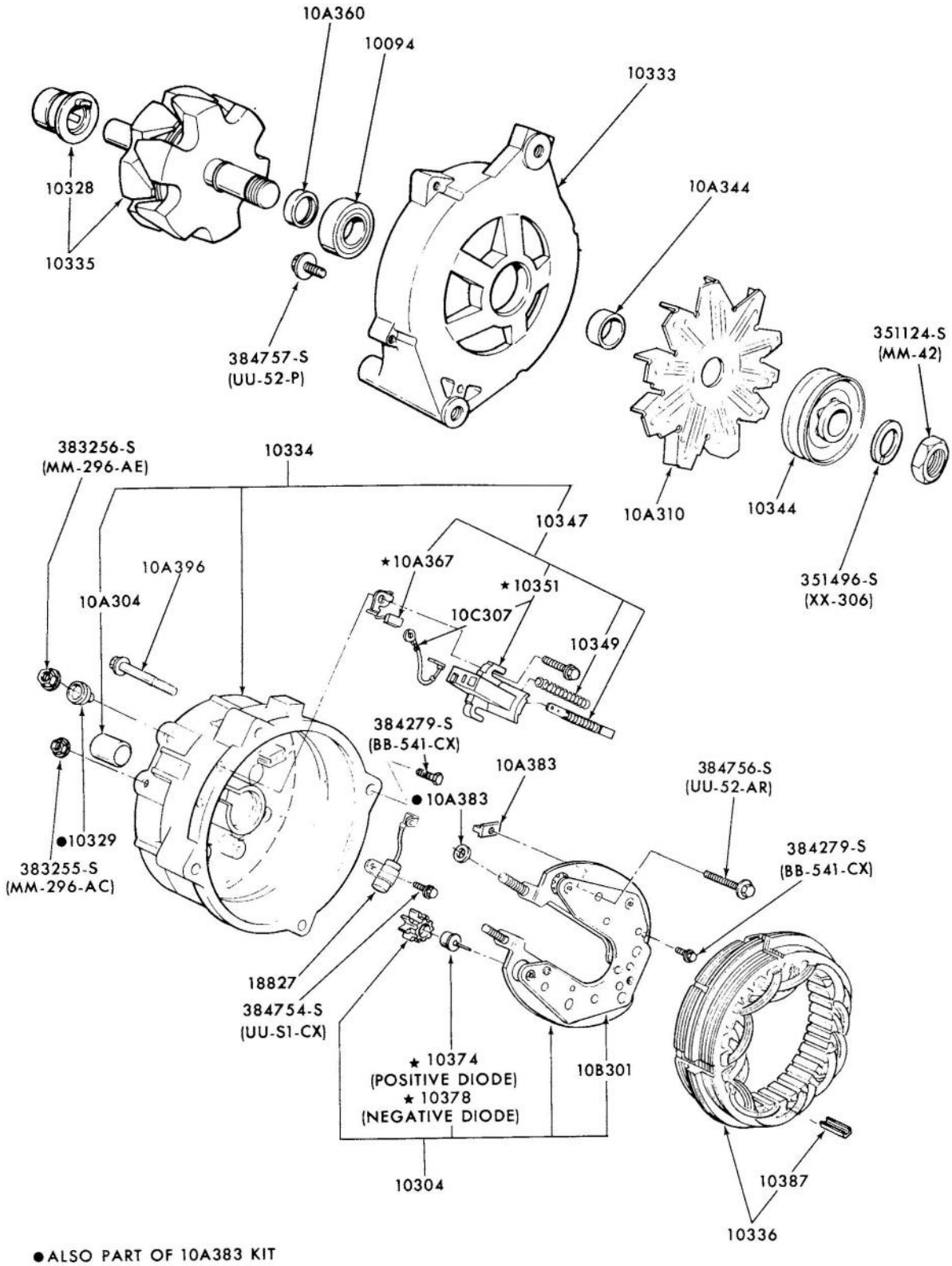
INDEX



ALTERNATOR-FORD 38, 40, 42, 55, 60 and 61 AMP.
1973/



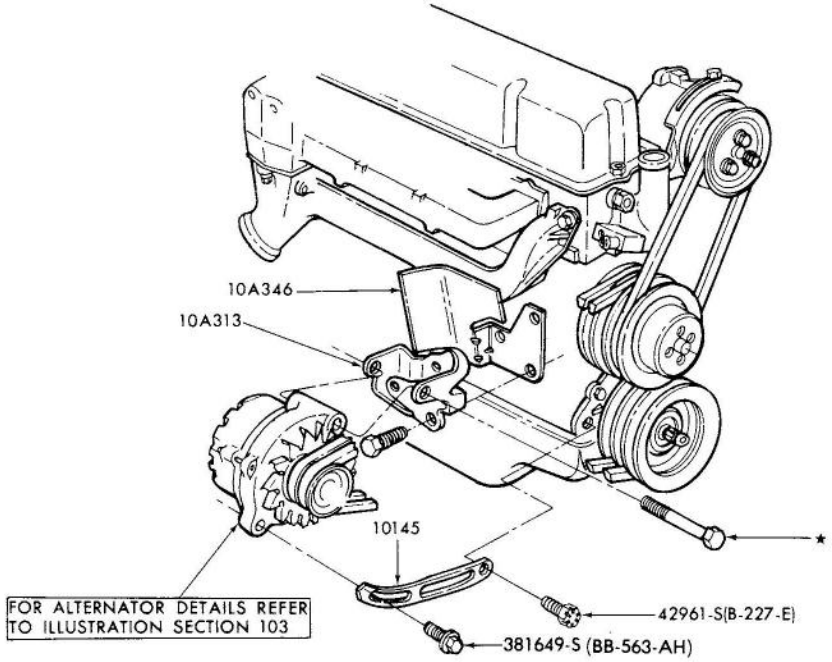
ALTERNATOR-FORD 70 AMP.
1973/



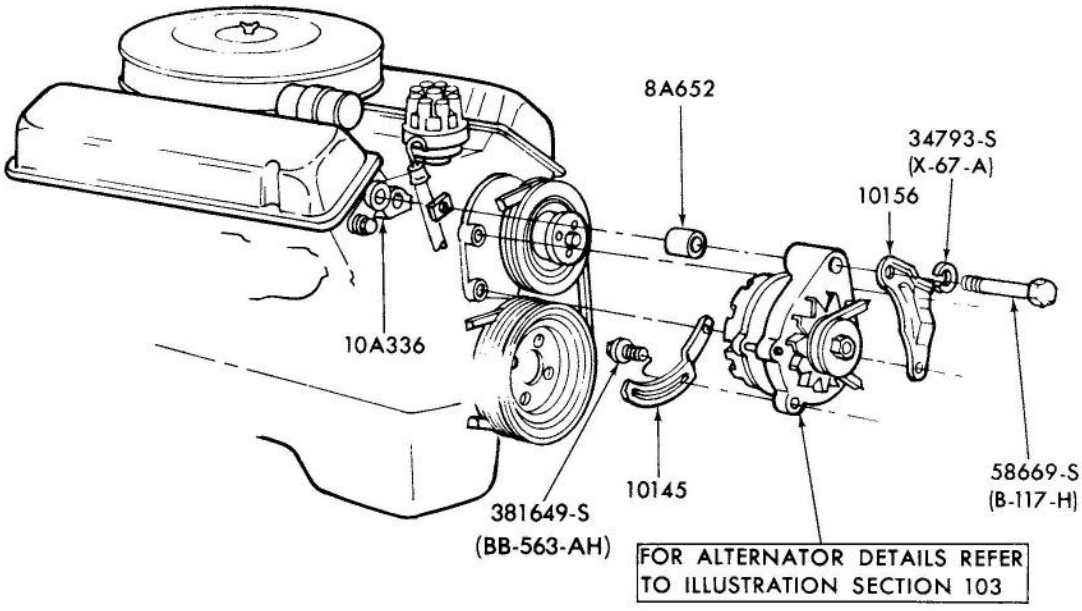
●ALSO PART OF 10A383 KIT

P-10328

ALTERNATOR - MOTORCRAFT 90 and 100 AMP.
1975/



ALTERNATOR MOUNTING BRACKETS
1976/ F100 and E100--6 CYL. 300



ALTERNATOR MOUNTING BRACKETS
1976/ F100--8 CYL. 302

Motorcraft

1973 / 79

Truck Master Parts and Accessories Catalog (600-900 Series)

Source Document
Extract Only
Sections 130 thru 145

FORD MOTOR COMPANY

Dearborn, Michigan

FPS - 8097-A/B
April 1980

MASTER PARTS AND ACCESSORIES ILLUSTRATION CATALOG

FORM FPS 8097-B

FORD PARTS and SERVICE DIVISION

GENERAL INSTRUCTIONS

This Ford Truck Master Parts Catalog contains parts illustrations for truck series B600/750, C-CT600/900, CL-CLT900, F600/750, L-LN-LNT-LT-LTS600/900 and W-WT900 for model years 1973/ for U.S. and Canadian built vehicles.

Use this illustration catalog in conjunction with the text catalog, form FPS 8097-A.

For greater convenience this catalog is divided into specific sections, such as brakes, front suspension, engine, transmission, etc. For example, FRONT SUSPENSION appears in Section 30, STEERING in Section 35, REAR AXLE in Section 40, etc.

A separate catalog which contains the text or descriptive information for the same model year is available as form FPS 8097-A. The text catalog is divided into sections also and like parts are shown under similar section numbers in both the text and illustration catalogs.

A listing of Ford group numbers and their related section numbers appears in the General Information Section of the text catalog, form FPS 8097-A.

Illustrations contain group numbers only, therefore, it is necessary to refer to the group within the text catalog listing for complete applicable part number.

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Model year application is indicated by showing the first year followed by a diagonal line to indicate continued usage in all subsequent years until the insertion of the last year of usage, which is shown after the diagonal line. If no diagonal line is shown the part is applicable only to the year shown.

Example.

73/	indicates part used 1973 through subsequent models.
73/74	indicates part used 1973 through 1974 model years.
73	indicates part used 1973 model year only.

For Warranty Plate Data, Catalog Model Codes and Body Type Codes refer to the General Information Section of the text catalog, form FPS 8097-A.

SYMBOLS COMMONLY USED IN THIS CATALOG

*	identifies Motorcraft Sales Number.
#	indicates some form of identification.
★	indicates Not Serviced-must be improvised or procured locally.

MODEL CODES

Truck models are listed throughout this catalog by truck series. A listing of series codes shown on Warranty Plates is included in the General Information Section of the text catalog, Form FPS 8097-A. Refer to these codes to determine the series listed in this catalog. Model application is often consolidated as shown below:

Example:

LN600/900 means LN600 through LN900 or LN600, LN700, LN800 and LN900.

and: L-LN-LNT-LT-LTS900 means L900, LN900, LNT900, LT900 and LTS900.

DIESEL ENGINE MODELS

THE FOLLOWING LIST INDICATES THE MERCHANDISED SERIES, THE YEAR RANGE AND THE CORRESPONDING SERIES SHOWN IN THE CATALOG.

SERIES	YEAR	◊ CATALOGED AS
B7000	73/	B700--diesel
C6000	73/	C600--diesel
C7000	73/	C700--diesel
C8000	73/	C800--diesel
CT8000	73/	CT800--diesel
CL9000	78	CL900--diesel
CLT9000	78	CLT900--diesel
F6000	73/	F600--diesel
F7000	73/	F700--diesel
L8000	73/	L800--diesel
L9000	73/	L900--diesel
LN6000	73/	LN600--diesel
LN7000	73/	LN700--diesel
LN8000	73/	LN800--diesel
LN9000	73/	LN900--diesel
LNT8000	73/	LNT800--diesel
LNT9000	73/	LNT900--diesel
LT8000	73/	LT800--diesel
LT9000	73/	LT900--diesel
LTS8000	73/	LTS800--diesel
LTS9000	73/	LTS900--diesel
W9000	73/77	W900
WT9000	73/77	WT900

◊ The designation "--gas" or "--diesel" will be shown only when necessary to clarify differences in application on similar items for which unique part numbers are required.

For example
- unique to gas -LN900--gas
- unique to diesel -LN900--diesel
- common to gas and diesel -LN900
- not available with gas -W900
- not available with diesel -B750

CHASSIS PARTS ILLUSTRATION INDEX

Following is a general index of the major groups shown in the Chassis and Body Parts Illustration Sections. For more specific information refer to the Index appearing in front of the Section number listed below.

MAJOR GROUP	• TABBED DIVIDER TITLE	INDEX SECTION
Accelerator Linkage	Fuel	90
Accessories	Listed in their appropriate groups as identified in this index	
Air Cleaner	Fuel	90
Air Conditioner	Air Conditioner Governors, Heaters, Radios, Shock Absorbers	180
Alternator	Generator-Alternator-Starter-Distributor	103
Automatic Transmission	Automatic Transmission	A70
Axle (Front)	Front Axle-Steering	30
Axle (Rear)	Rear Axle	40
Battery	Generator-Alternator-Starter-Distributor	103
Battery Carriers	Generator-Alternator-Starter-Distributor	103
Brake System	Wheel-Brakes	10
Bumpers	Bumpers, Mirrors, Speedometer and Tachometer Cables, Splash Guards, Tow Hooks, Washers, Wipers	175
Camshaft	Engine	60
Carburetor	Fuel	90
Carrier (Wheel)	Wheel-Brakes	10
Clutch	Transmission-Clutch	70
Cold Start Aid	Fuel	90
Cooling System	Cooling-Grille	80
Coupling Shaft	Driveshaft-Coupling Shaft	40
Crankcase Vent System	Engine	60
Cylinder Block	Engine	60
Cylinder Head and Valves	Engine	60
Distributor	Generator-Alternator-Starter-Distributor	103
Driveshaft	Driveshaft-Coupling Shaft	40
Electrical	Generator-Alternator-Starter-Distributor	103
Electrical	Lamps-Wiring	130
Emission Control (Thermactor)	Engine	60
Engine	Engine	60
Engine Supports	Engine	60
Engine Warning System	Generator-Alternator-Starter-Distributor	103
Exhaust System	Frames-Mufflers-Exhaust	50
Fan	Cooling-Grille	80
Fenders	Fender-Hood	160
Frame	Frame-Muffler-Exhaust	50
Front Axle	Front Axle-Steering	30
Front Springs	Springs-Rear Suspension	50
Front Suspension	Front Axle-Steering	30
Fuel Filter	Fuel	90
Fuel Pump	Fuel	90
Fuel System	Fuel	90
Fuel Tank	Fuel	90
Gearshift Lever	Transmission-Clutch	70
Governors	Air Conditioner Governors, Heaters, Radios, Shock Absorbers	180
Grille	Cooling-Grille	80

• Applicable to Loose Leaf Catalogs only.

CHASSIS PARTS ILLUSTRATION INDEX cont'd.

MAJOR GROUP	• TABBED DIVIDER TITLE	INDEX SECTION
Heater	Air Conditioner Governors, Heaters, Radios, Shock Absorbers	180
Hood	Fender-Hood	160
Horn	Lamps-Wiring	130
Hubs	Wheel-Brake	10
Ignition System	Generator-Alternator-Starter-Distributor	103
Instrument Cluster	Generator-Alternator-Starter-Distributor	103
Lamps	Lamps-Wiring	130
Lever (Gearshift)	Transmission-Clutch	70
Manifolds	Fuel	90
Mirrors	Bumpers, Mirrors, Speedometer and Tachometer Cables, Splash Guards, Tow Hooks, Washers, Wipers	175
Muffler	Frame-Muffler-Exhaust	50
Oil Pump	Engine	60
Piston and Connecting Rod	Engine	60
Pump (Fuel)	Fuel	90
Pump (Oil)	Engine	60
Pump (Water)	Cooling-Grille	80
Radiator	Cooling-Grille	80
Radios	Air Conditioner Governors, Heaters, Radios, Shock Absorbers	180
Rear Axle	Rear Axle	40
Rear Springs	Springs-Rear Suspension	50
Shaft (Coupling)	Driveshaft-Coupling Shaft	40
Shock Absorbers	Air Conditioner Governors, Heaters, Radios, Shock Absorbers	180
Shutters	Cooling-Grille	80
Spare Wheel Carrier	Wheel-Brake	10
Speedometer and Tachometer Cables	Bumpers, Mirrors, Speedometer and Tachometer Cables, Splash Guards, Tow Hooks, Washers, Wipers	175
Splash Guards	Bumpers, Mirrors, Speedometer and Tachometer Cables, Splash Guards, Tow Hooks, Washers, Wipers	175
Springs	Springs-Rear Suspension	50
Stabilizer (Front)	Front Axle-Steering	30
Starter	Generator-Alternator-Starter-Distributor	103
Steering	Front Axle-Steering	30
Suspension (Front)	Front Axle-Steering	30
Suspension (Rear)	Springs-Rear Suspension	50
Tank (Fuel)	Fuel	90
Thermostatic Choke Control	Fuel	90
Tow Hooks	Bumpers, Mirrors, Speedometer and Tachometer Cables, Splash Guards, Tow Hooks, Washers, Wipers	175
Transfer Case	Transmission-Clutch	70
Transmission (Automatic)	Automatic Transmission	A70
Transmission (Manual)	Standard Transmission-Clutch	70
Transmission (Transmatic)	Transmatic Transmission	T70
Valves, Push Rods and Covers	Engine	60
Voltage Regulator	Generator-Alternator-Starter-Distributor	103
Water Pump	Cooling-Grille	80
Wheels	Wheels-Brakes	10
Windshield Washer, Wiper	Bumpers, Mirrors, Speedometer and Tachometer Cables, Splash Guards, Tow Hooks, Washers, Wipers	175
Wiring	Lamps-Wiring	130

• Applicable to Loose Leaf Catalogs only.

BODY PARTS ILLUSTRATION INDEX

MAJOR GROUP	• TABBED DIVIDER TITLE	INDEX SECTION
Door Parts	Body Parts	Δ
Exterior Trim	Sheet Metal-Exterior Mldg.-Interior Trim	Δ
Interior Trim	Sheet Metal-Exterior Mldg.-Interior Trim	Δ
Ladders and Steps	Body Parts	Δ
Platform and Racks	Body Parts	Δ
Seats	Body Parts	Δ
Sheet Metal	Sheet Metal-Exterior Mldg.-Interior Trim	Δ
Window Parts	Body Parts	Δ
Windshield	Body Parts	Δ

HOW TO USE THIS CATALOG

There are three ways of finding part numbers if the group number is not known.

1. By Part Name
2. By Illustration
3. By Identification

Should an inquiry be received for a chrome radiator grille for a 1973 F700:

BY PART NAME -

A. Refer to the Chassis Parts Alphabetical Index in the text catalog, form FPS 8097-A.
B. Refer to the alphabetical nomenclature and find the part name "Grille (radiator)". The group number listed is 8200.
C. Refer to group number 8200 and locate 1975 in the "YEAR" column. Find the series F600/750 in the "MODEL/RESTRICTIONS" column.
D. The part number shown is D5HZ 8200-A.

BY ILLUSTRATION -

A. Refer to the tabbed divider marked "COOLING-GRILLE" in this catalog.
B. Refer to the index immediately behind the divider and find the illustration titles for the F Series.
C. Under the heading "RADIATOR GRILLE and RELATED PARTS" find the "Grille" illustration for the 1975 F700.
D. Refer to the illustration designated (on page 1 of Illustration Section 82) and find the group number for the grille to be 8200.
E. Refer to group number 8200 in the text catalog and locate 1975 in the "YEAR" column. Find the series F600/750 in the "MODEL/RESTRICTIONS" column.
F. The part number shown is D5HZ 8200-A.

BY IDENTIFICATION -

Certain parts and most major assemblies are identified with a part number shown on an attached tag or plate or on the part itself. Reference to identification numbers is made throughout the catalog and cross reference charts are included in some sections to provide immediate knowledge of the service part number when the identification number is known. All identification information other than charts will be preceded by the symbol (#).

IMPORTANT - Identification tags and plates must be retained with the part or assembly with which they are originally supplied.

• Applicable to Loose Leaf Catalogs only.
Δ Refer to Index Section in front of Body Illustrations.

HOW TO ORDER PARTS

When ordering parts, always give the complete part number.
In the event the part number is not known, the following information should be included.

A. Complete description of part.
B. Model year and body type.
C. Dimension, number of teeth, size, etc., if possible rough sketch of part.
D. If applicable to engine, transmission, axle, steering, etc., specify type such as 477 cubic inch, Transmatic Transmission, Power Steering, etc.
E. Advise how shipment is to be made - Freight, Express, Air, Parcel Post.

EXPLANATION OF SYMBOL ★

★Symbol indicates part is not supplied for service due to the following:

a. Part is superseded and replaced as indicated in the description column of the text catalog.
b. Part can be improvised as indicated in the description column of text catalog.
c. Due to its function there would be little or no demand.

NOTE - ALWAYS REFER TO THE DESCRIPTION COLUMN OF THE TEXT FOR POSSIBLE SUBSTITUTION, OR FOR MATERIAL SPECIFICATIONS AND DIMENSIONS WHICH MAY BE HELPFUL IN OBTAINING THE NON-SERVICED PART LOCALLY.

INDEX

INCLUDED IN THIS INDEX ARE THE FOLLOWING MAJOR GROUPS IN THE ORDER SHOWN BELOW

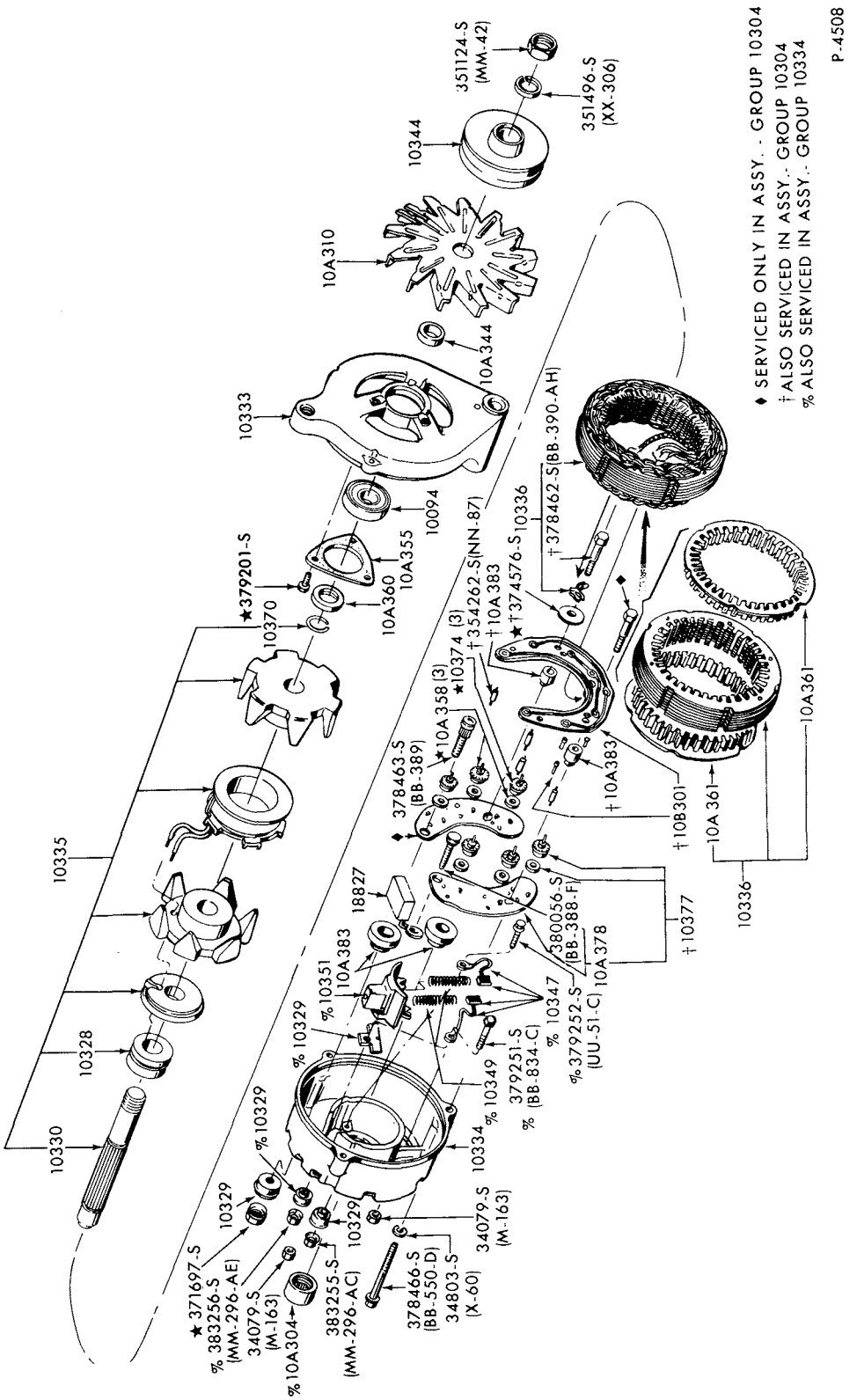
ALTERNATOR
ALTERNATOR MOUNTING PARTS
BATTERY CARRIER
DISTRIBUTOR and GOVERNOR
ENGINE WARNING SYSTEM
ENGINE WIRING
IGNITION SYSTEM
INSTRUMENT CLUSTER
STARTER
VOLTMETER

Δ Illustration to follow in subsequent change

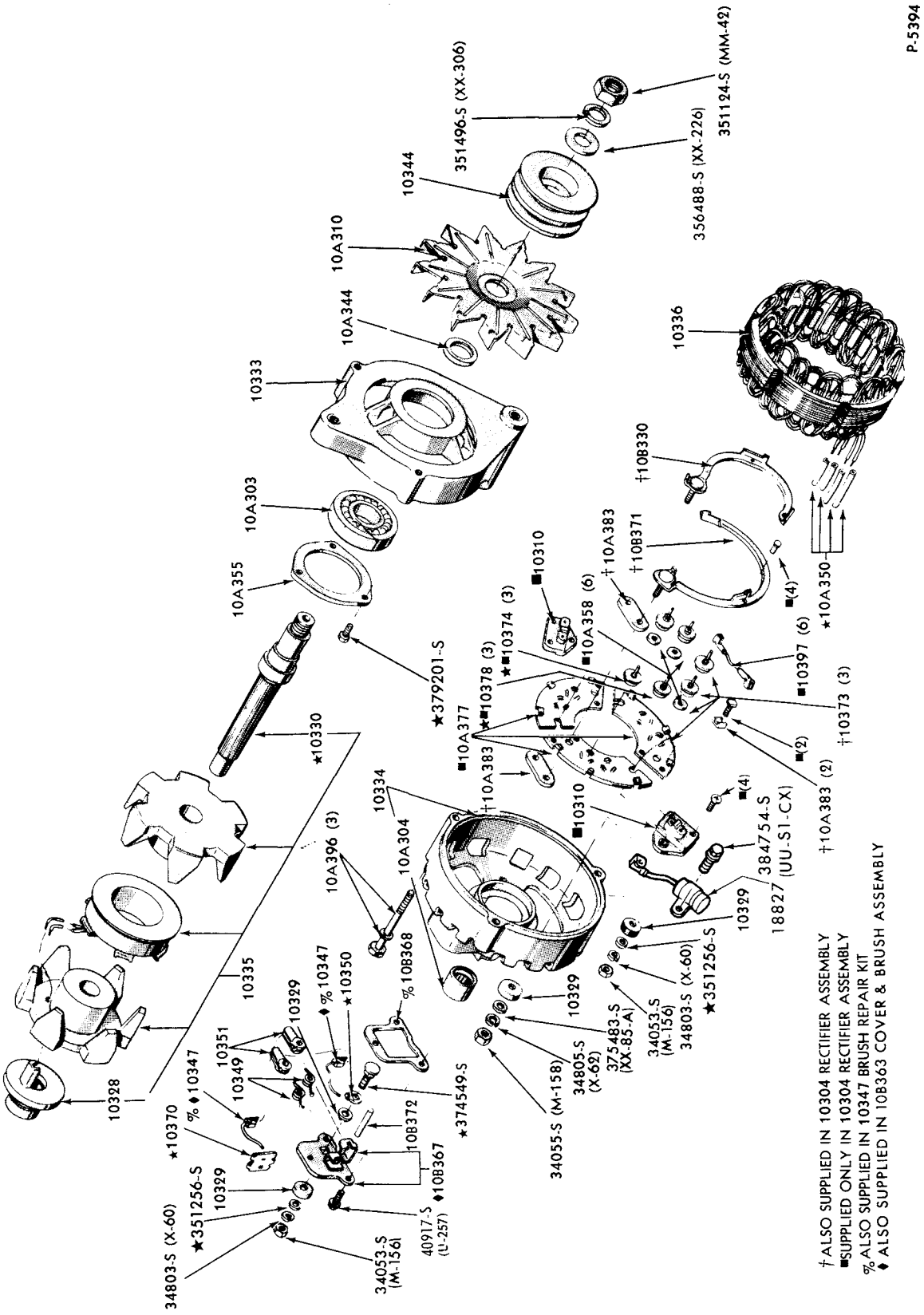
INDEX

INDEX

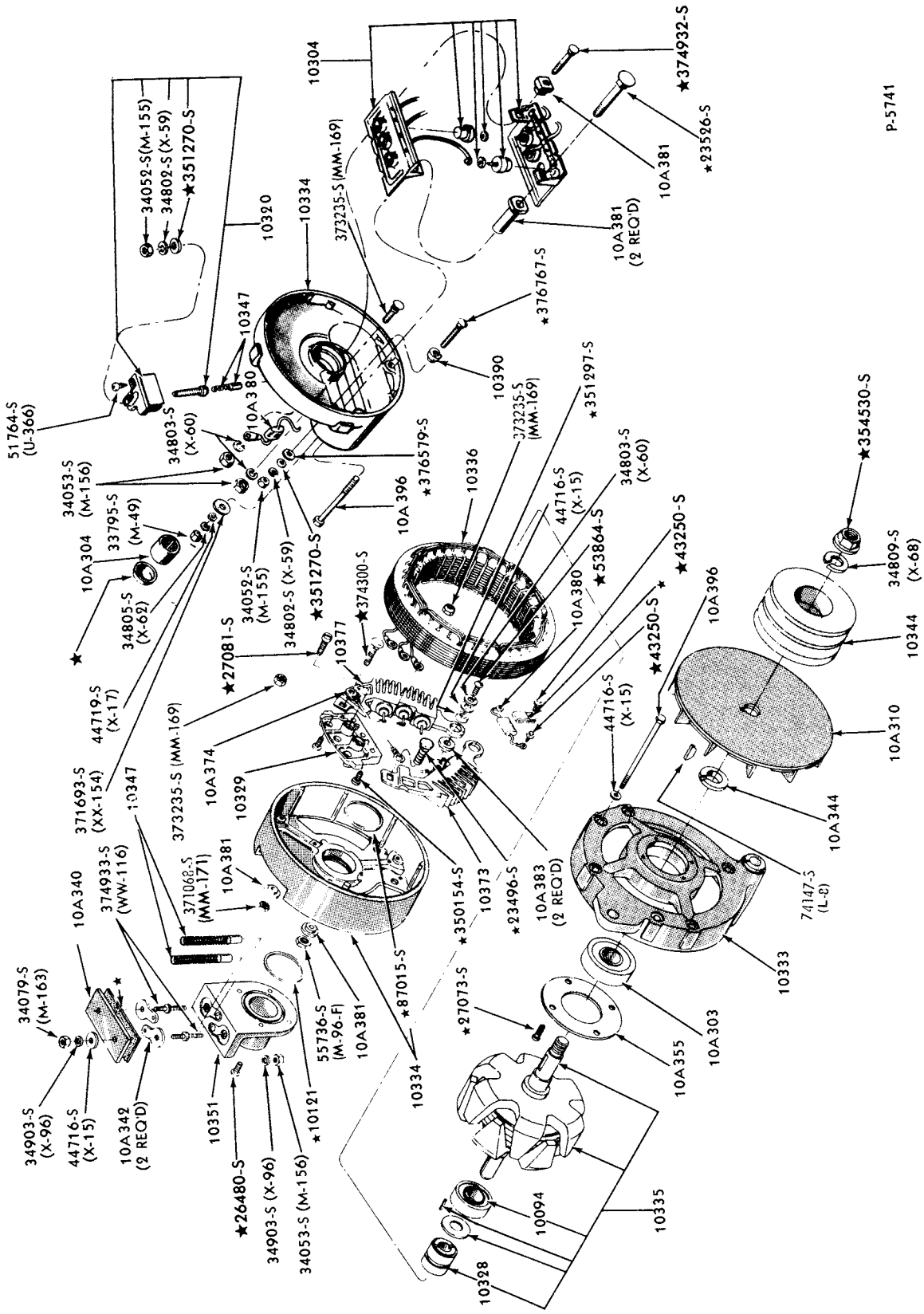
INDEX



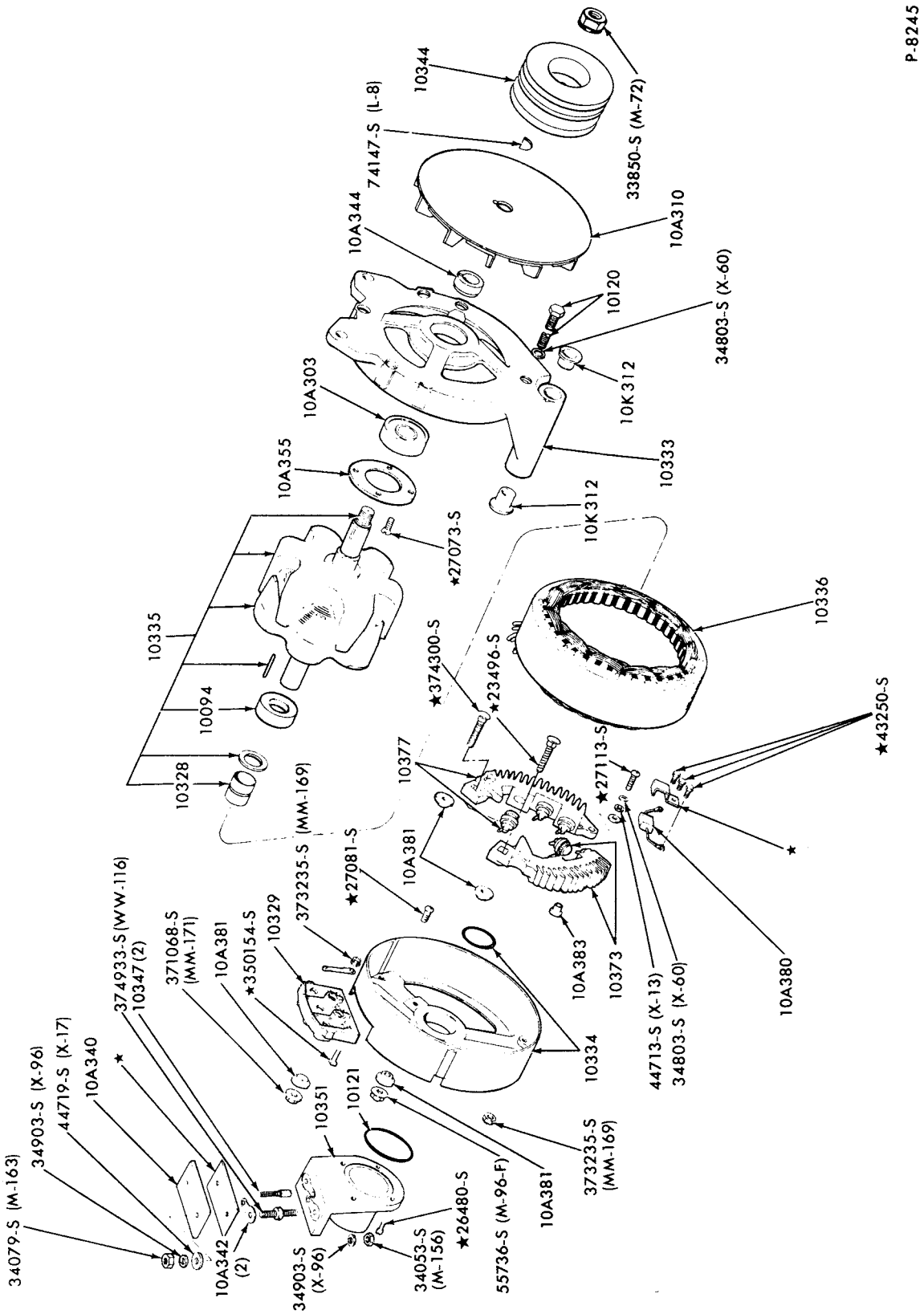
ALTERNATOR-MOTORCRAFT 40, 42, 55, 60 and 61 AMP.
1973/



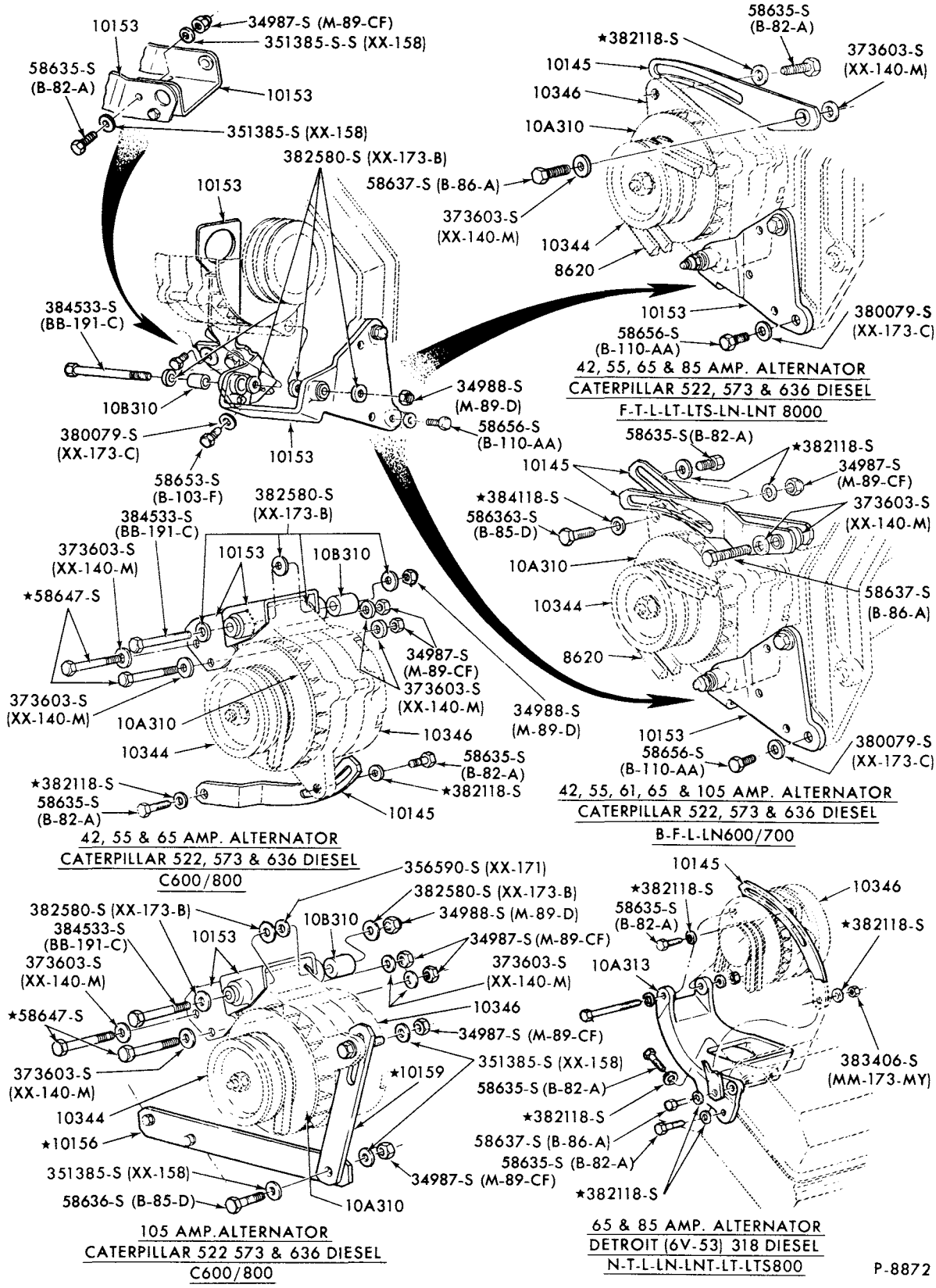
ALTERNATOR-MOTORCRAFT 70 and 90 AMP.
1973/



ALTERNATOR-LEECE/NEVILLE 65 and 70 AMP.-TYPICAL
1973/



ALTERNATOR-LEECE/NEVILLE 105 AMP.-SMALL FRAME
1973/



ALTERNATOR MOUNTING PARTS
1973/ B-C-F-L-LN600/800--8 CYL. CAT. DIESEL

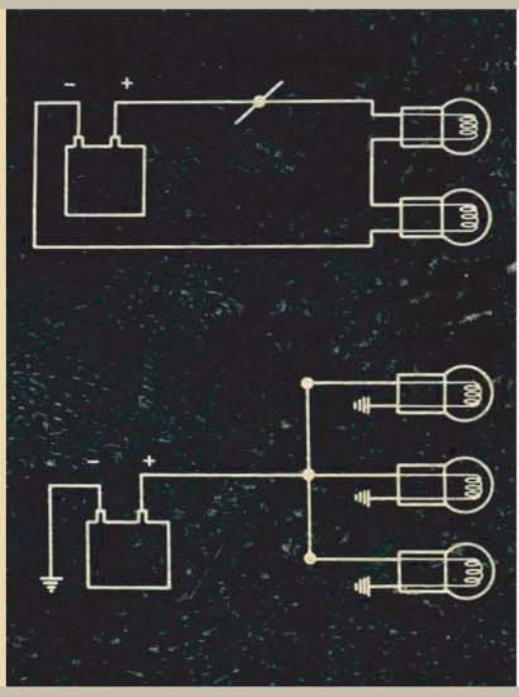
READY REFERENCE 13001

HOW TO READ WIRING DIAGRAMS

Ford

REGISTERED TECHNICIAN

VOL 68 S7 L2A



HOW TO READ WIRING DIAGRAMS

COURSE 13001 • VOL. 68 S7 L2A

TABLE OF CONTENTS

NATIONAL SERVICE OFFICE
FORD DIVISION

FIRST PRINTING – JANUARY, 1968

INTRODUCTION

The Why and Wherefore of Wiring Diagrams

To the uninformed, a wiring diagram — or a wiring assembly — looks like it might take a genius to figure out.

Not so — as you'll find out when you get better acquainted with these subjects.

There're as understandable and logical as a road map and road markers, when you're finding your way on a cross-country drive.

The ability to read a wiring diagram and relate it to a vehicle's wiring system is, of course, an essential part of a modern service technician's skill. And it's growing in relative importance, too, due to owner's increasing demands for the comforts and conveniences supplied by electrically-operated options and accessories. This opens up greater opportunities, for the forward-looking technician.

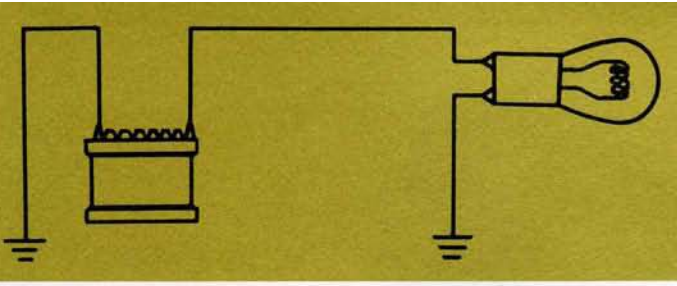
The Purpose of this Booklet . . .

. . . is to acquaint you with the systems by which electrical circuits are traced on vehicles. Specifically, it is designed to help you acquire the ability to make your own power checks, quickly and accurately.

Scope of the Booklet

Basically, this is a printed version of the film, "How to Read a Wiring Diagram." It is in no sense a manual of the shop methods by which electrical repairs are made.

It *can* be a helpful guide that can introduce you to the principles of wiring diagrams and vehicle wiring. As you gain experience in reading wiring diagrams, you'll accumulate your own know-how in this important skill. When it becomes "second nature" to you, these pages will have served their purpose — and yours.

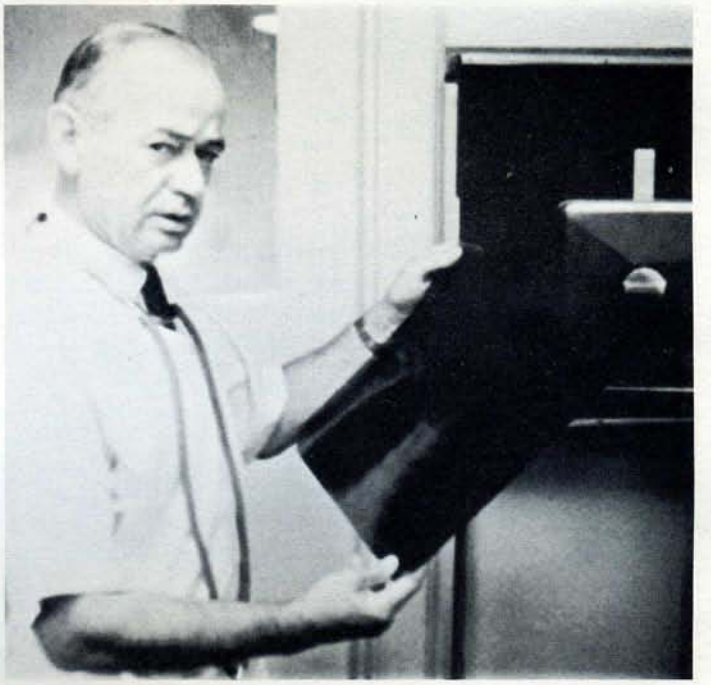


To show how to read wiring diagrams — and to explain how they can be used to help you troubleshoot problems in the electrical system — is what this booklet is all about. Obviously, these are important subjects.

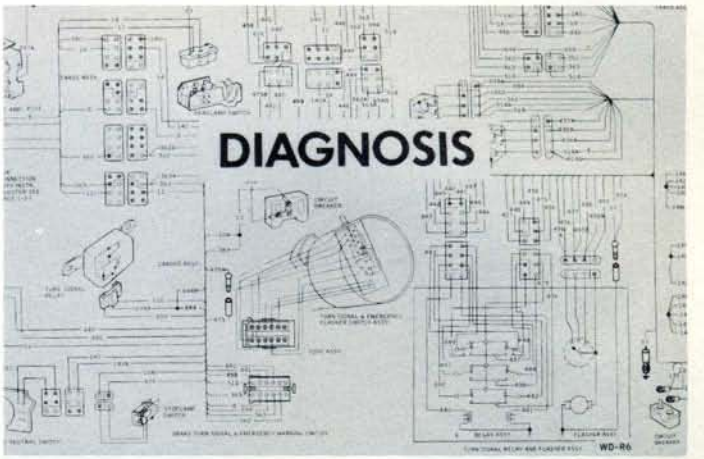
A LOGICAL APPROACH TO ELECTRICAL DIAGNOSIS

If a customer comes in because his headlights aren't working, you can't just make a snap decision. That's not the *professional way.*

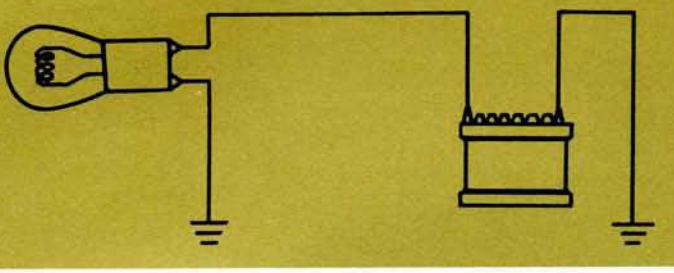
Putting in a new sealed-beam unit *may* be the answer . . . but then again, *it may not.* Snap decisions are *out.* They're *not professional.*



When you go to a doctor, for example, he tries to find out what's *really* wrong with you. He looks beyond the aches and pains you feel, to see what's *causing* the trouble. We call this, *diagnosis.*

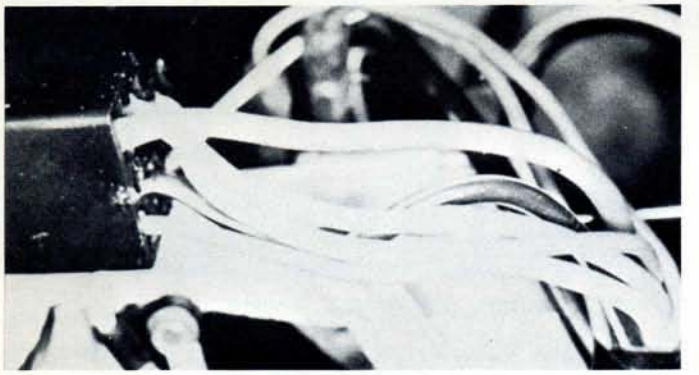


Troubleshooting an electrical system calls for diagnosis, too — *Your* diagnosis. *You're* the doctor. You must find out what's causing the trouble, and fix it.

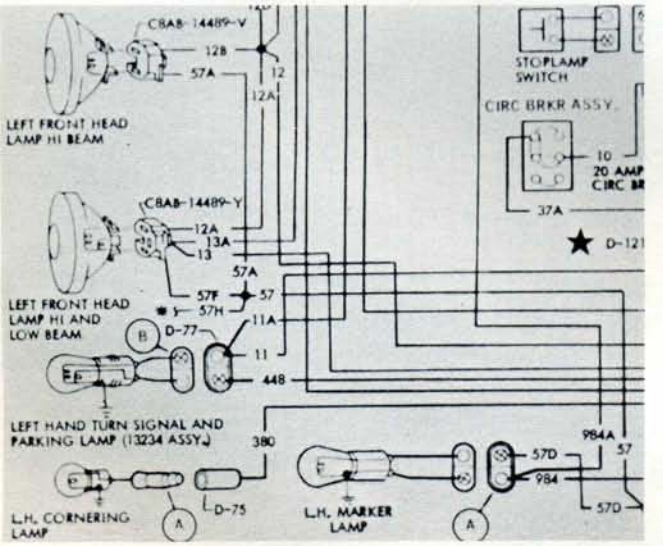


LOGICAL APPROACH

The easiest way is to begin with a *logical approach* — you check things out. You find out what parts of the electrical system are still working okay. You narrow it down to one part — one wire — one switch.

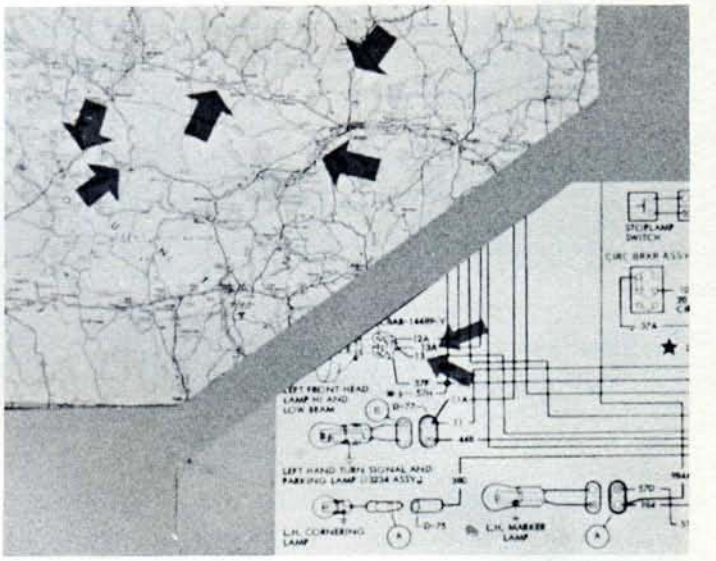


Sure, you may feel a little confused when you face a jumble of wires for the first time. But there's a way to make sense out of this. There *is* a logical approach.



It starts with a *diagram* that shows all electrical parts — switches, wires, splices, connections, the battery — everything you need to know.

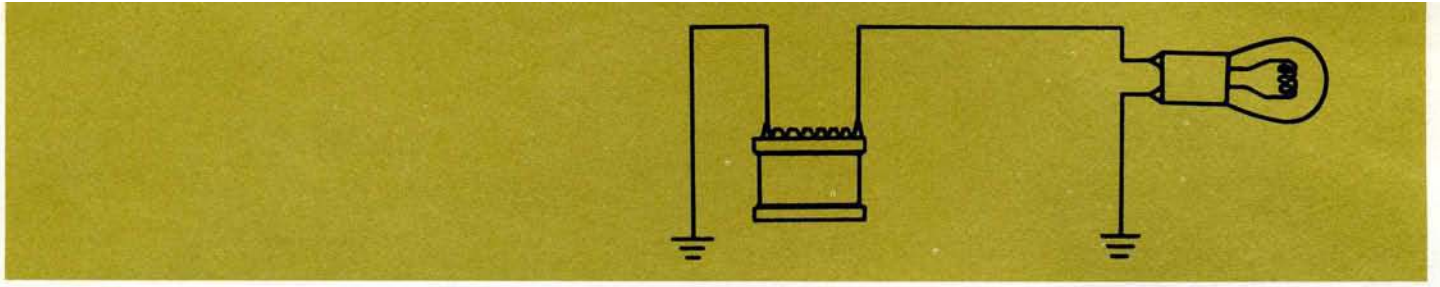
LIKE READING A ROAD MAP

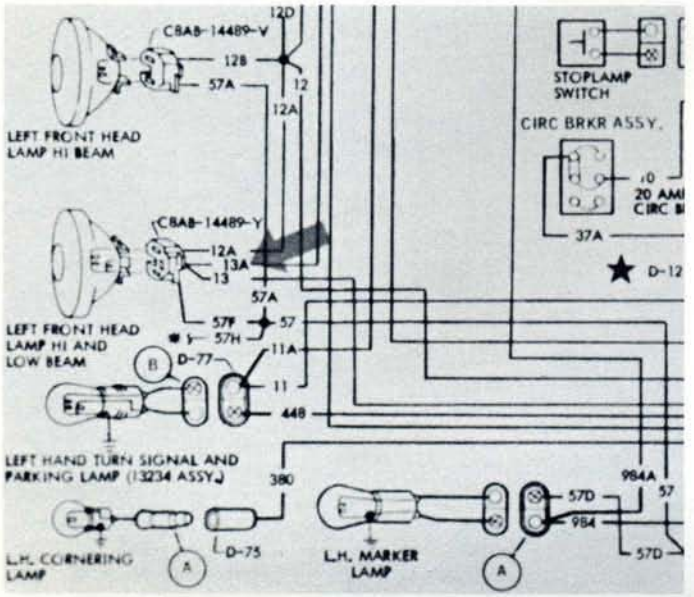


Reading a wiring diagram is something like reading a road map. The map shows routes that connect one place with another . . . and a diagram shows routes, too. The lines represent actual wires, and these wires are identified by numbers . . . much like highways are identified by number.

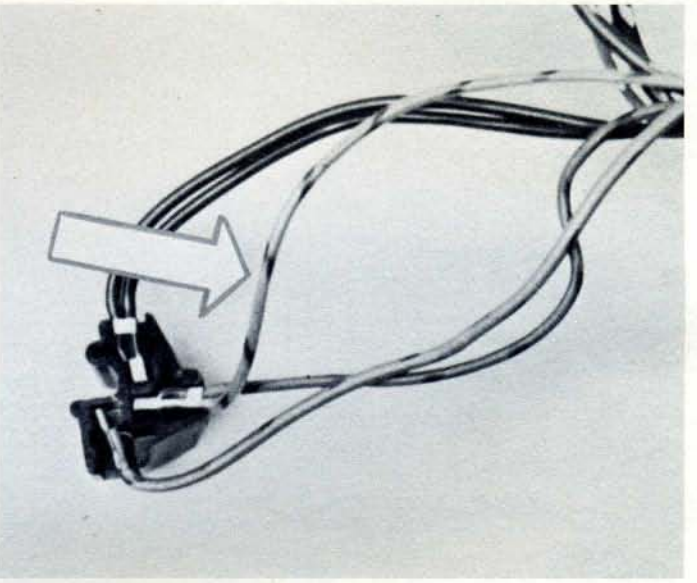
HOW WIRES ARE NUMBERED AND COLOR-CODED

When you want to locate a specific highway, you check the number on the map with a number on a highway sign. It's almost that easy with wires and wiring numbers.





You find the number you want on the wiring diagram.

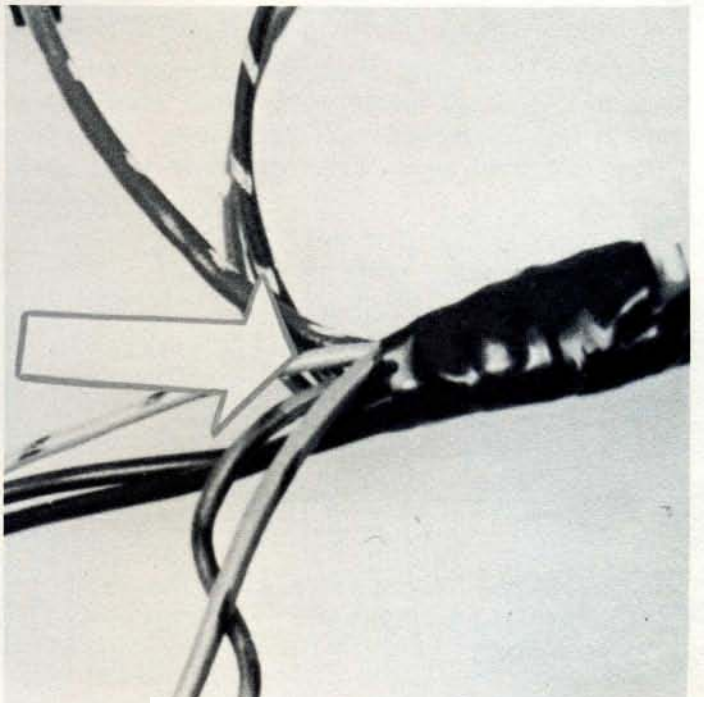


Here's the wire you're looking for. This wire is an electrical path, a path that goes from one specific place to another.

WIRING COLOR CODE

BASIC COLOR	STRIPE	WIRE NUMBER
ORANGE	RED	8, 447
GREEN	RED	10, 10A, 443
BLACK	YELLOW	11, 11A
GREEN	BLACK	12, 12A, 12B, 12C
RED	BLACK	13, 13A
ORANGE	YELLOW	8
BLACK		14, 57 THRU 57H, 48, 48A
VIOLET		77, 441, 441A
BLACK	RED	140, 140A, 140B

Then you find the number on the wiring color code. It tells you what color the wire should be.



You try
pears into
with black
goes from