

GMC-G301AX-5559

ALTERNATOR WIRING HARNESS, 55-59 GMC TRUCKS

This is the main chassis harness for 55-59 GMC trucks. There are no hook-ups for accessories. See fuse junction block #74 for a protecting your investment. It's necessary for you to use your headlight and taillight bulb plugs.

1. HORN BUTTON WIRE (18 GA. TAN)	21. HEADLIGHTS, RIGHT (2-WAY PLUG, GRN, TAN)
2. GAS GAUGE (PASSENGER SIDE 18 GA. BRN)	22. PARK LIGHTS, LEFT (2-WAY PLUG, DBL PRP, LTBLU)
3. BEAM INDICATOR (18 GA LIGHT GREEN)	23. STOP & TAILLIGHTS, RIGHT (3-WAY PLUG WHT, PNK, PRP)
4. AMP METER, PASSENGER (RIGHT) SIDE (10 GA. RED)	24. STOP & TAILLIGHTS, LEFT (2-WAY PLUG PNK, BLK)
5. HEADLIGHT SWITCH (LTBLU, PRP, BLK, ORG, GRY, RED)	25. AMP METER, LEFT SIDE (10 GA. RED)
6. HORN RELAY (3-WAY PLUGBLK, RED, TAN)	26. AMP METER, RIGHT SIDE (12 GA. BLACK)
7. IGNITION SWITCH (IGN #1 14 GA. YELLOW)	27. TEMP GAUGE, LEFT (18 GA. PINK)
8. DIMMER SWITCH (3-WAY PLUG, LTBLU, TAN, GRN)	28. TEMP GAUGE, RIGHT (18 GA. LIGHT GREEN)
9. STOPLIGHT SWITCH (PLUGS ORANGE WHITE)	29. IGNITION SWITCH (SINGLE PLUGS)
10. GAS TANK SENDING UNIT (18 GA. BROWN)	30. GAS GAUGE POWER (18 GA. PINK)
11. TURN SIGNAL KIT (6-WAY FLAT PLUG)	31. TEMP GAUGE SENDER, CUT TO LENGTH & ADD TERMINAL (18 GA. LIGHT GREEN)
12. NOT APPLICABLE FOR GMC	32. BALLAST RESISTOR (18 GA. BROWN & 18 GA. GREEN FORKS)
13. IGNITION SWITCH (16 GA. PINK)	33. COIL-CUT TO LENGTH & ADD TERMINAL (18 GA. DRK GRN)
14. FLASHER (2-WAY PLUG YELLOW, PINK)	34. STARTER SOLENOID-CUT TO LENGTH & ADD TERMINAL (14 GA. PURPLE)
15. TURN SIGNAL INDICATOR LIGHT (18 GA. LIGHT BLUE)	35. BATT TERMINAL OF STARTER SOLENOID, CUT TO LENGTH & ADD TERMINAL (12 GA. BLACK)
16. BATT. TERMINAL ON ALT (10 GA. RED)	36. SOLENOID "I" TERMINAL (14 GA. BROWN)
17. #1 TERM ON ALT (14 GA. YELLOW)	37. TAILLIGHTS (2-WAY PLUG BLACK/WHTE)
18. HEADLIGHTS, LEFT (2-WAY PLUG LT GRN, DBL TAN)	38. TURN SIGNAL SWITCH (HARNESS B) TO FRONT PARK/TURN/TAILLIGHT (HARNESS C) 2-WAY CONNECTOR
19. HORN (14 GA. BLACK)	39. FRONT PARK/TURN/TAILLIGHT (HARNESS C) TO MAIN HARNESS (HARNESS A) 6 WAY CONNECTOR
20. PARK LIGHTS, RIGHT (2-WAY PLUG, PRP, BLU)	40. AMP METER POWER (HARNESS C TO HARNESS A)

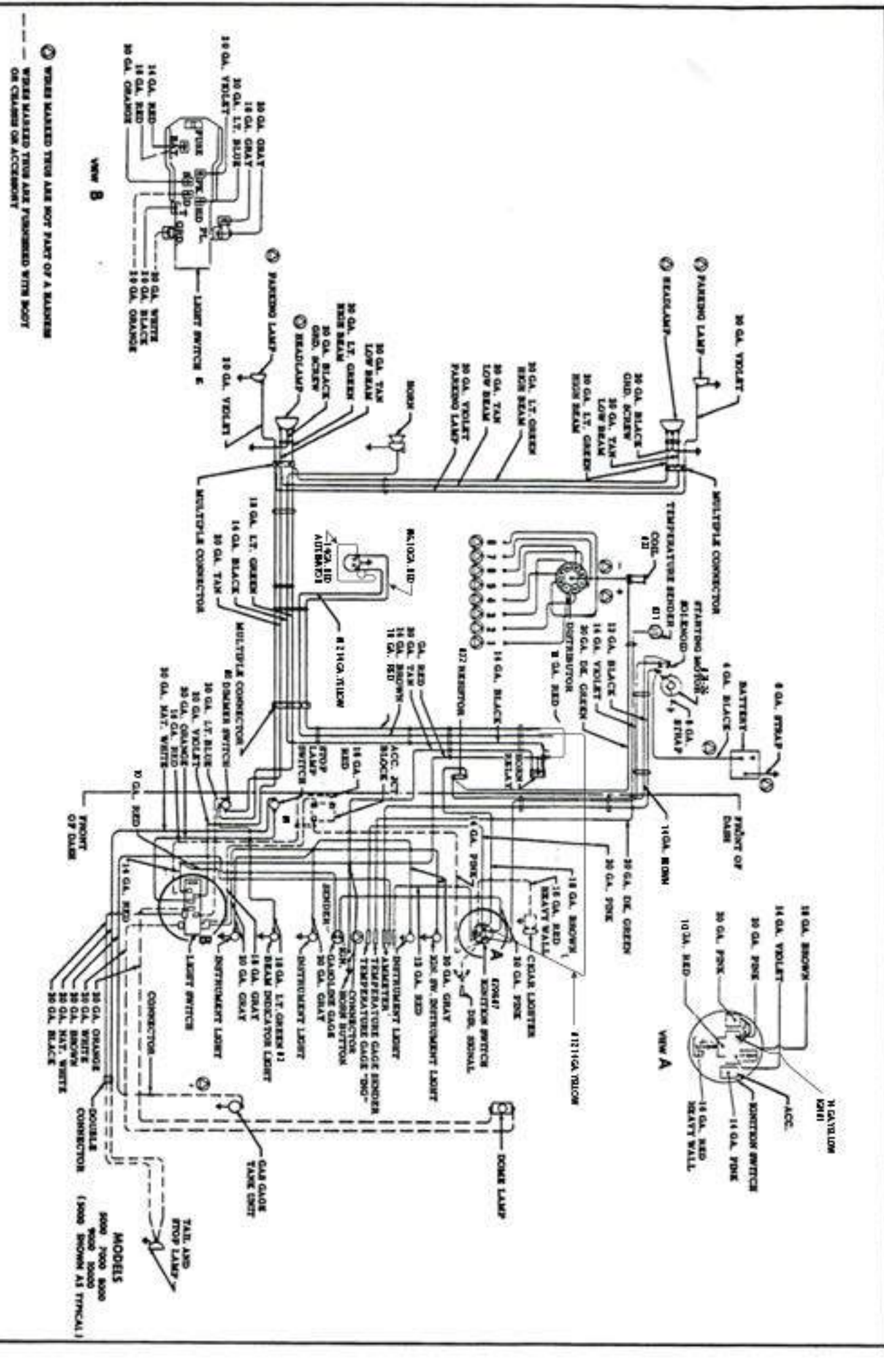
For a 3-wire alternator: RUN A JUMP WIRE FROM #2 TERMINAL ON ALT TO THE BATT TERMINAL ON ALTERERNATOR. Use backside only for color match-upon headlight switch and ignition switch. We have new dimmer switches for 55-59 trucks, if your dimmer switch does not match to terminal. For V8 trucks, connect the purple & green wire at the ignition switch together. Then connect the purple wire #34 to the "R" terminal on the solenoid. Then run a 14 ga. wire from the solenoid terminal on the ignition switch to the "S: terminal on the solenoid.

IF TRUCK CONTINUES TO RUN WITH SWITCH OFF, YOU NEED TO ADD A DIODE (#3272-D) TO TERMINAL #1 ON ALT. This is provided in the short pigtail with the white plastic connector and a red/yellow ire.

If using an external voltage regulator purchase part number 3272-GM.

You don't need #36 if you have IGN #1 & IGN #2. Without IGN #1 & #2 brown #36 goes to the starter solenoid relay "R" terminal. The other end, big brown, by the IGN must be connected to double green marked IGN #2.

To replace the ammeter with a voltmeter, solder the two wires you take off the ammeter together and use heat-shrink or a generous amount of tape to cover and protect that area from shorting out on any metal behind the dash. Connect two wires to the voltmeter. A good ground connection and a SWITCHED +12 volt connection from an available HOT wire. Leave the indicator light in place, if it's there.



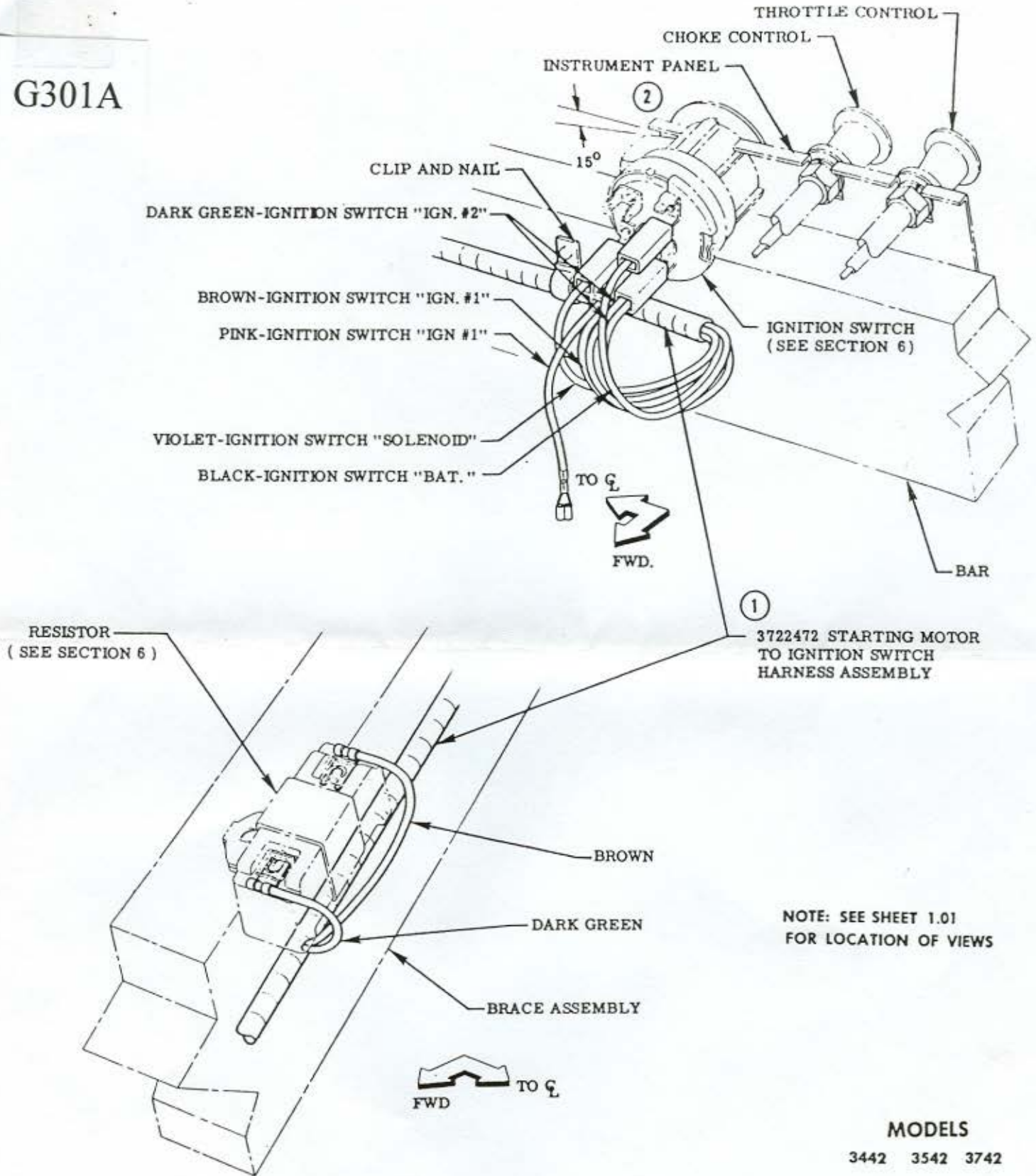
Wires marked thus are not part of a harness
 Wires marked thus are furnished with body
 or chassis or accessory

MODELS
 5000 7000 8000
 9000 10000
 (5000 SHOWN AS TYPICAL)

G301A WIRING DIAGRAM - 5,6,7,8,9 AND 10000 SERIES (5000 SHOWN AS TYPICAL)

LAST REV: 09/05/2019

G301A



IGNITION AND RESISTOR WIRING INSTRUCTION

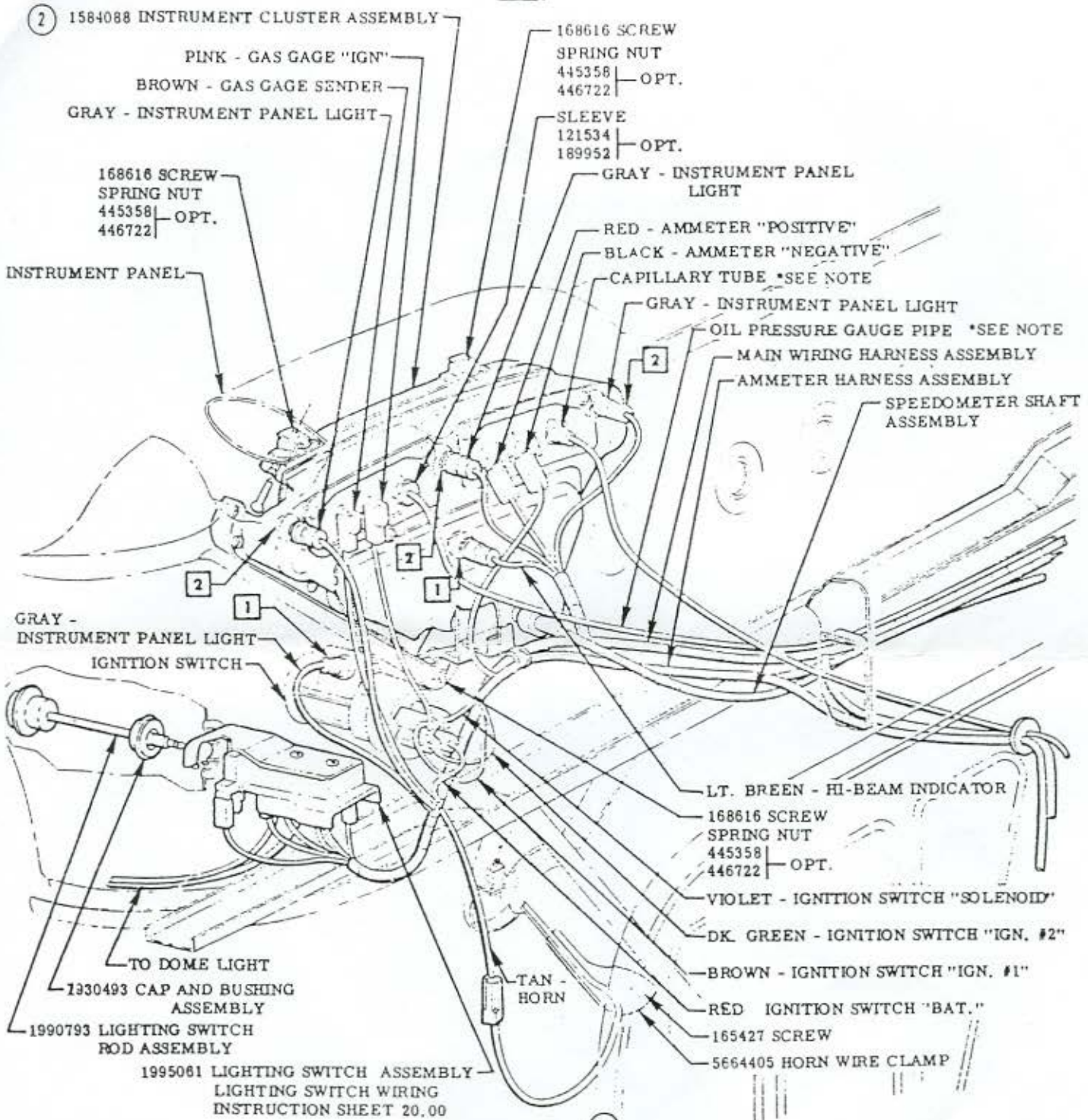
					TRUCK INSTRUCTION MANUAL					
					NAME	REF.	DRAWN	CHECKED	SECT.	SHEET
	2	SWITCH ROTATED	8519	VM	5912	J. P.	R. C.	12	18.01	
3-17-55	1	WAS 3721361	8050	LB						
DATE	SYM.	REVISION RECORD	AUTH.	DR.	CL.	DATE	PART No.			
						2-16-55	3720900			

G301A

CHEVROLET MOTOR DIVISION



GENERAL MOTORS CORPORATION



- INSTRUMENT LAMPS**
- ① 131282 #53 - LAMP (IGNITION AND HI-BEAM LIGHTS)
 - ② 127934 #57 - LAMP (PANEL LIGHTS)

MODELS

3100	3204	3600	
3800	4000	6000	R.D.

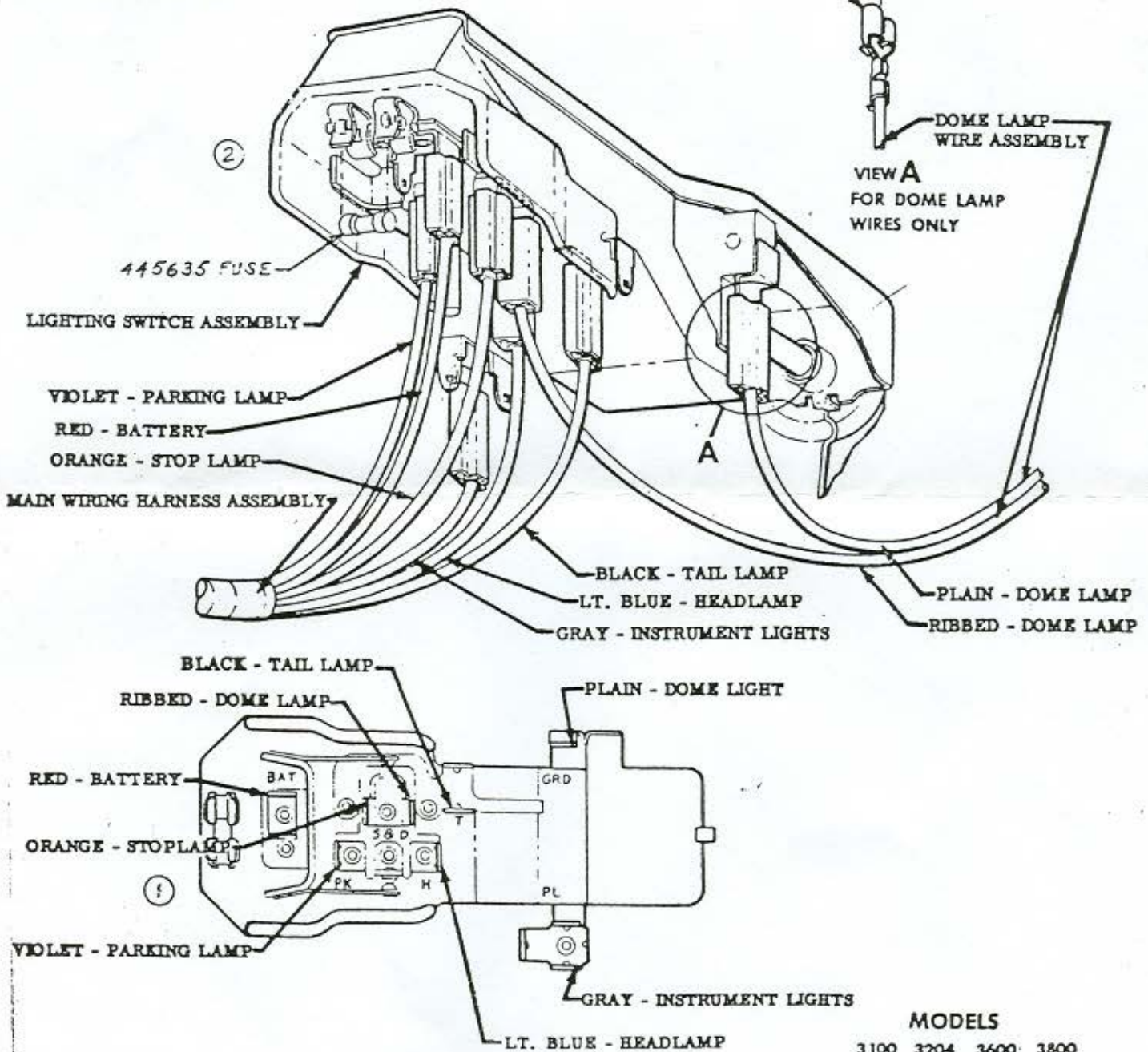
INSTRUMENT CLUSTER ASSEMBLY AND LIGHTING SWITCH ASSEMBLY MOUNTING AND WIRING INSTRUCTION

				TRUCK INSTRUCTION MANUAL					
				NAME	DATE	DRAWN	CHECKED	SECT	SHEET
					12-1-54		3720900	12	18.00
DATE	SYM	REVISION RECORD	AUTH	DR					
5-23-55	1	NOTE ADDED							

G301A

NOTE: DOME LAMP WIRE ASSEMBLY
(PART OF ROOF ASSEMBLY AS SHIPPED)
3105 3106 3116 3805

DOME LAMP WIRE ASSEMBLY
3717293 - 3103-3104-3124-3200
3603-3604-3608-3803
3804-3808-4103-4108
4403-4408-6103-6108
6403-6408-6503

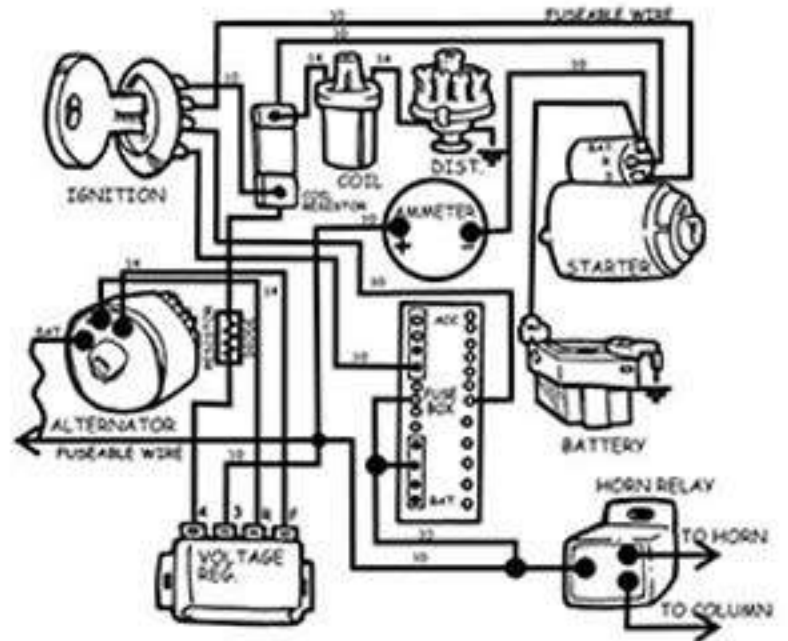


MODELS
3100 3204 3600 3800
4000 5000 6000

MAIN WIRING HARNESS ASSEMBLY AND DOME LAMP WIRE ASSEMBLY TO LIGHTING SWITCH ASSEMBLY INSTRUCTION

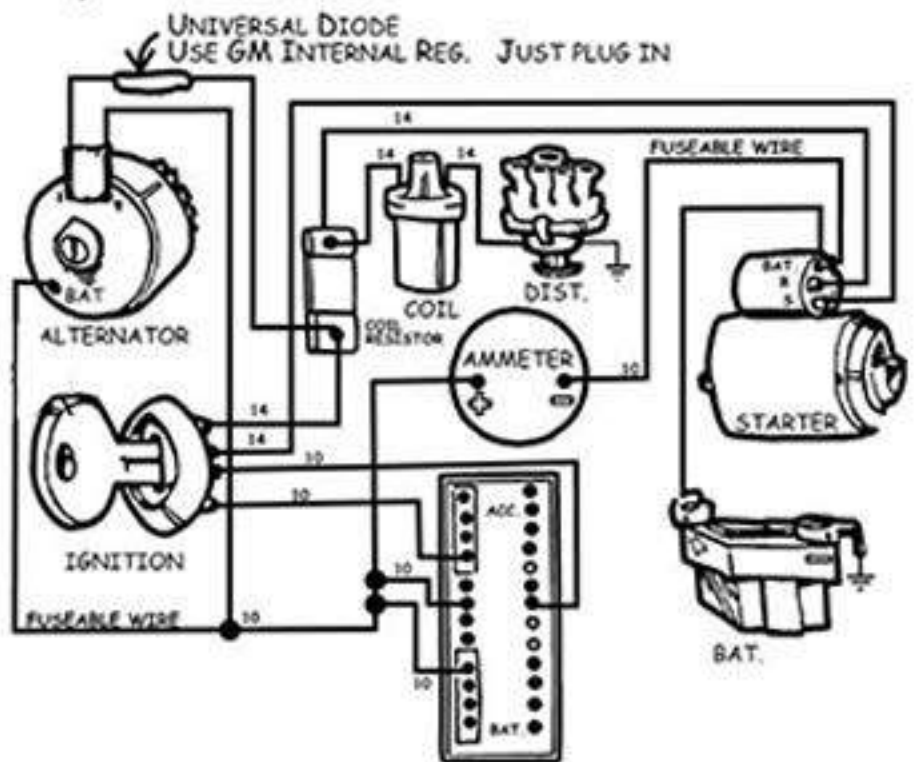
					NAME				
					TRUCK INSTRUCTION MANUAL				
		REF.		DRAWN		CHECKED		SECT.	SHEET
11-11-55		1		A.C.S.		F. T.		J. T.	
DATE		SYN.		REVISION RECORD		AUTH.		DR. CX.	
		2		PICTURE REVISED				DC	
		1		PICTURE REVISED					
						PART No.		12 20.00	
						12-1-54		3720900	

GM CHARGING INSTRUCTIONS EXTERNAL VOLTAGE REGULATOR



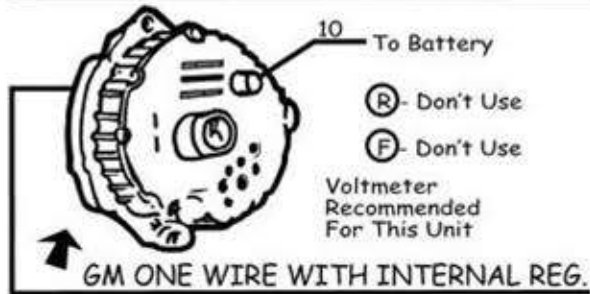
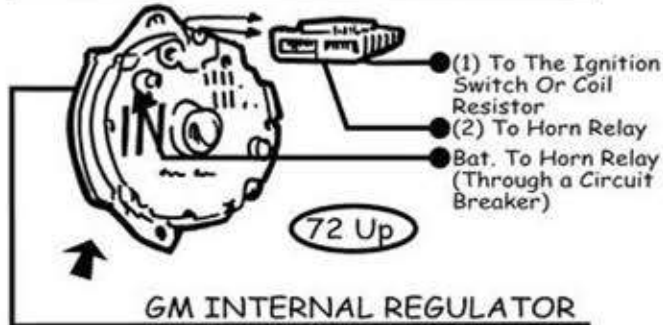
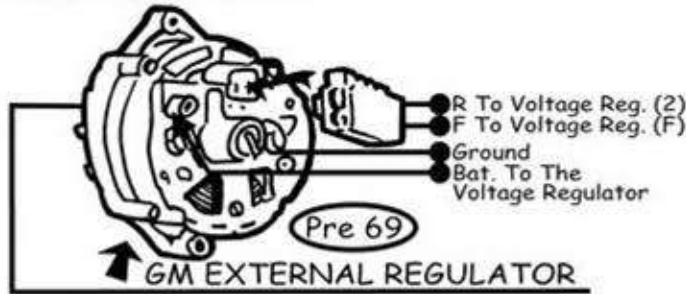
THE CHARGING AND IGNITION SYSTEM IS THE MOST VITAL PART OF AN AUTO. YOU SHOULD START WITH ALL OF YOUR COMPONENTS; SWITCHES, GAUGES, LIGHTS, ETC. ALL IN PLACE. START WIRING AT THE BATTERY AND RUN WIRES TO THEIR CONNECTIONS, ALWAYS LEAVE BATTERY DISCONNECTED. YOU MUST HAVE A GOOD GROUND ON THE BODY, FRAME, ENGINE, AND DASH. BY USING HOLD DOWN BOLTS OR GROUND STRAPS. IF BATTERY GROUND CABLE CONNECTS TO ENGINE, DON'T RELY ON THE ENGINE MOUNTS TO GROUND TO FRAME, ALWAYS USE A GROUND STRAP.

GM CHARGING INSTRUCTIONS INTERNAL VOLTAGE REGULATOR

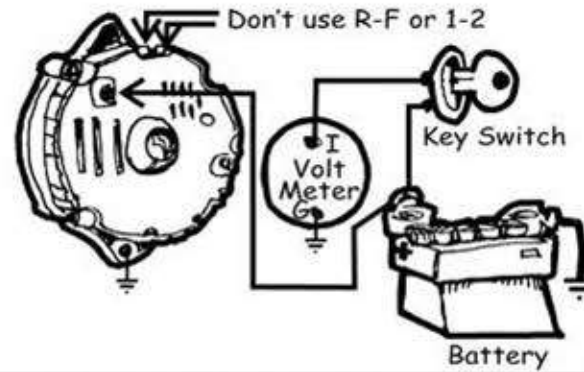


Charging Instruction Alternator

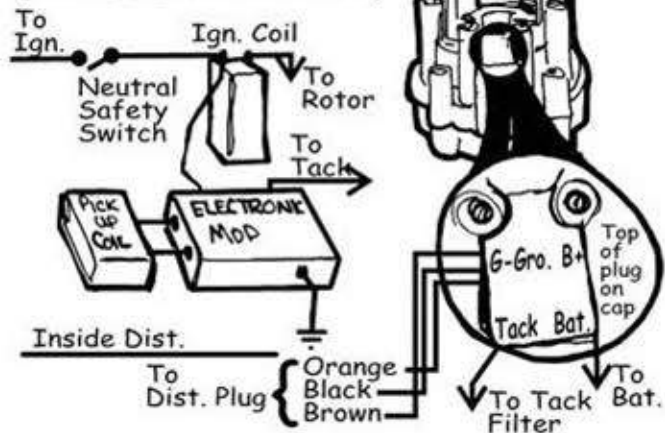
GM Alternator



One Wire Alternator and Volt Meter



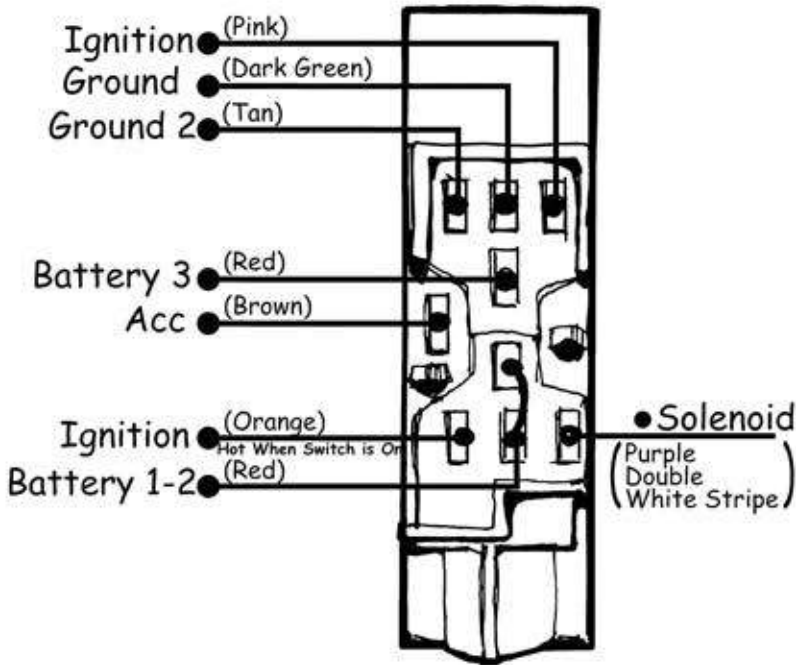
GM HEI IGNITION (HIGH ENERGY IGNITION)



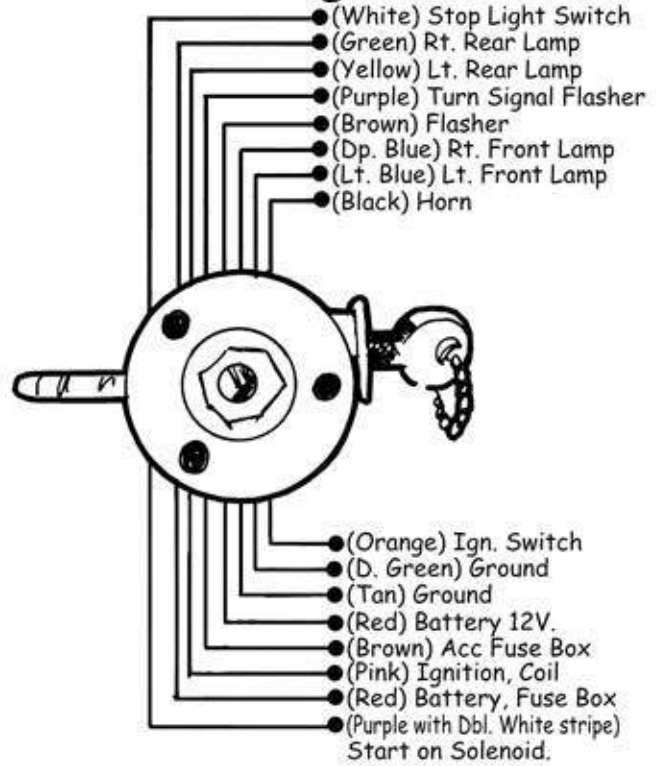
GM STEERING COLUMN

Ignition Switch GM Steering Column

Sample 75-76
Steering Column
Switch



GM Steering Column

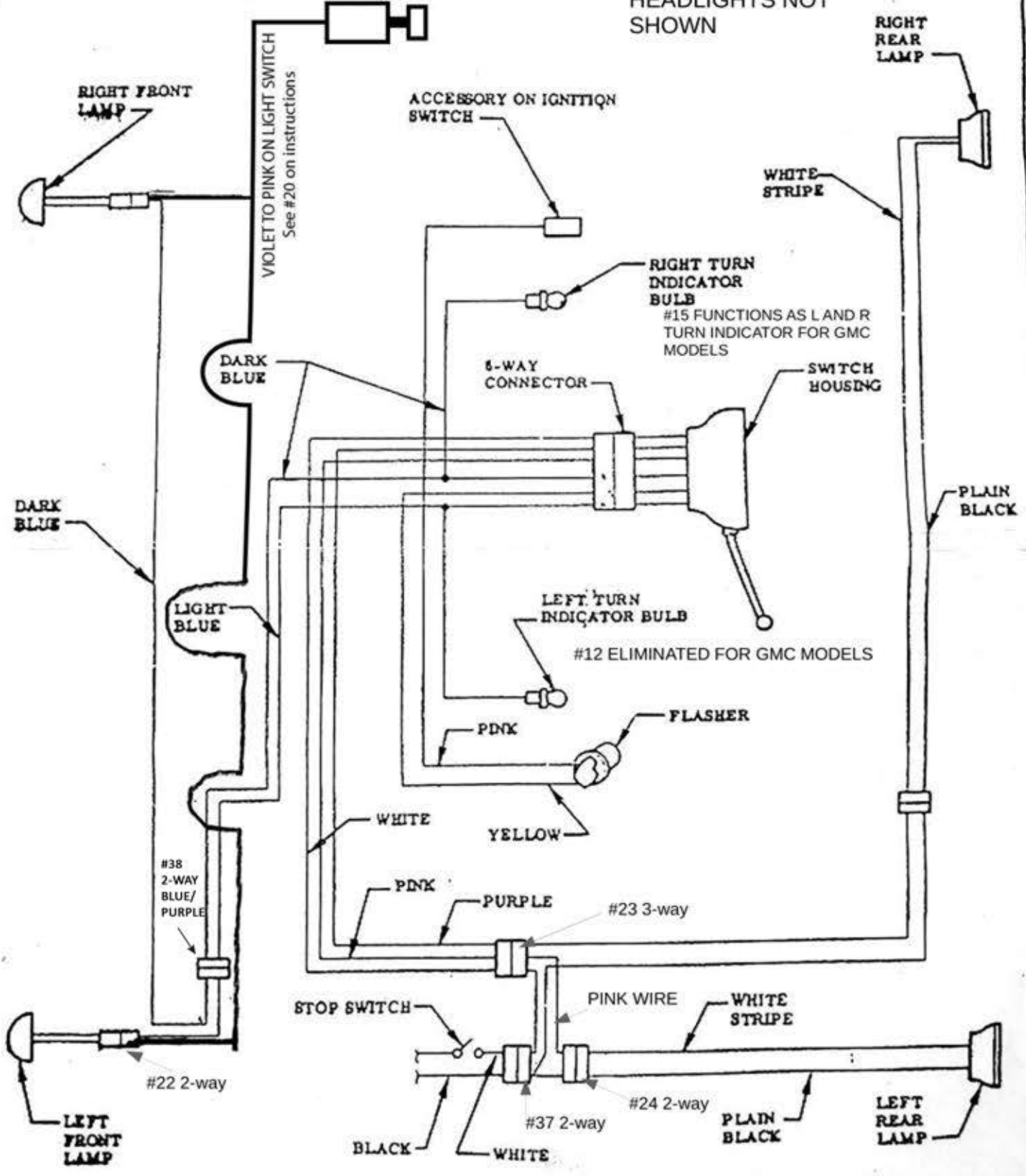


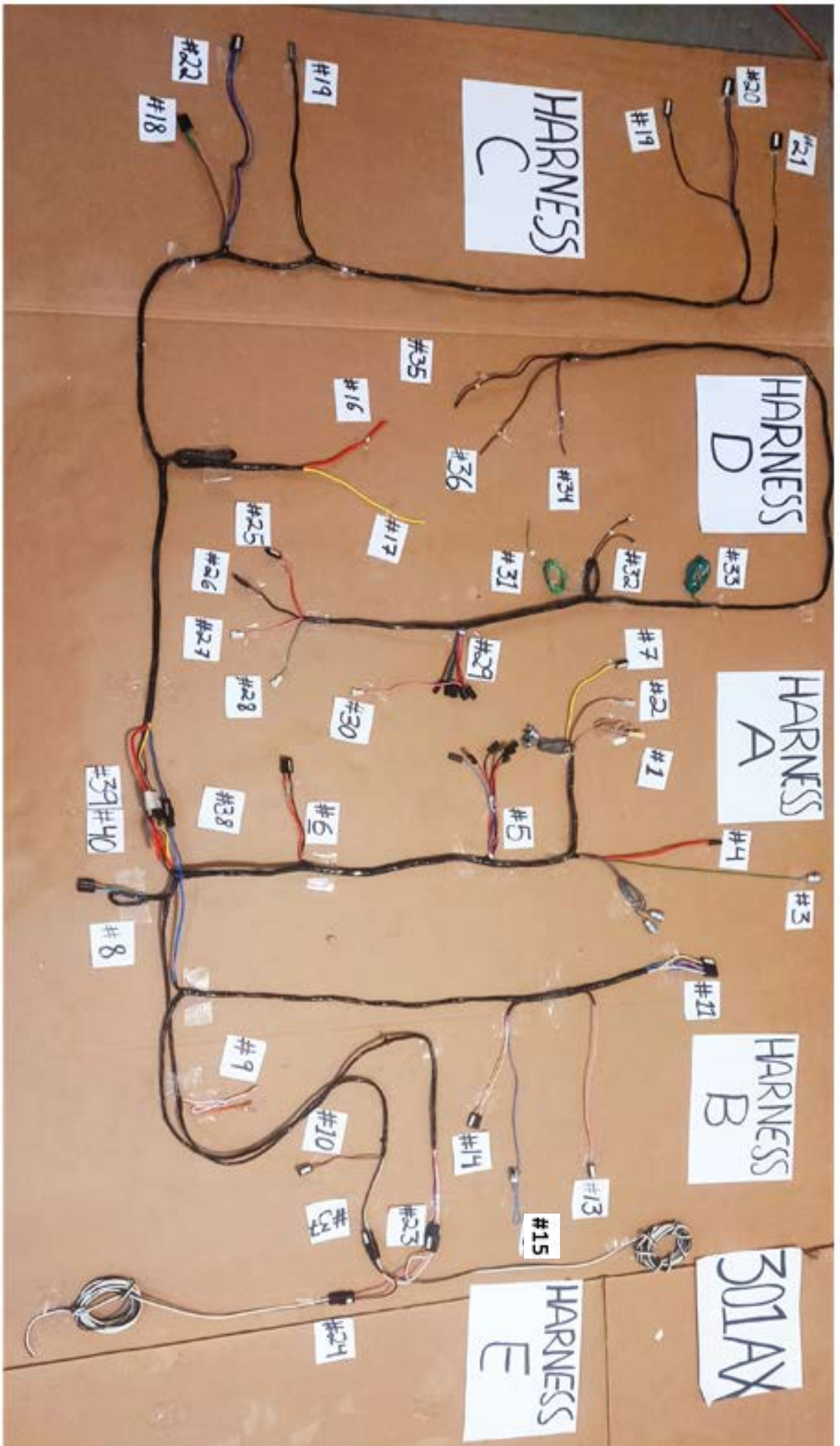
Steering column with steering wheel removed. Even if column has key. Locking and tilt, and Ignition switch. The Color code is the same .

WIRING DIAGRAM

G301

COLUMN HARNESS,
PARK, TURN AND
TAIL LIGHTS.
HEADLIGHTS NOT
SHOWN





HARNESS
C

HARNESS
D

HARNESS
A

HARNESS
B

HARNESS
E

SOLAX

#21
#20
#19
#19
#18
#22

#35
#36
#34
#31
#32
#17
#25
#26
#27
#28

#7
#2
#1
#5
#5
#4
#3
#29
#30
#38
#5
#39
#40
#8

#11
#9
#10
#14
#13
#15
#23
#33

#24