# ADVANCE INFORMATION SHOP MANUAL

SUPPLEMENT



Passenger Cars and Light Duty Trucks

# INTRODUCTION

The Body and Chassis Electrical wiring diagrams contained herein are supplemental to those published in the 1981 Chevrolet Advance Information Manual. Changes and additions to electrical circuit identification are also included.

Circuit numbers preceded by an asterisk (\*), are designated as low energy circuits. A low energy

circuit is one which operates a device at 5.0 volts or less.

All diagrams contained in this booklet are based on the latest product information available at the time of publication approval. The right is reserved to make changes at any time without notice.

Metric wire size designations are used in most diagrams. The following table shows metric to AWG Size conversions.

WIRE SIZE CON	/ERSION TABLE_
METRIC SIZE (mm)2	AWG SIZE
.22	24
.5	20
.8	18
1	16
2	14
3	12
5	10
8	8
13	6
19	4
32	2

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### CHEVROLET MOTOR DIVISION

General Motors Corporation

DETROIT, MICHIGAN

## THE FOLLOWING CIRCUITS ARE ADDED:

97 LIGHT BLUE WINDSHIELD WIPER, PULSE LOW 98 ORANGE FEED, DYNAMIC BREAK, "B-PLUS" SWITCH WIPER MOT 136 DARK BLUE GROUND, VACUUM SWITCH CONTROLLED, TURBO BOO TELLTALE 137 NATURAL-WHITE GROUND, VACUUM SWITCH CONTROLLED, TURBO BOO ECONOMY TELLTALE 1382 LIGHT BLUE BLACK 1386 YELLOW EXHAUST GAS RECIRCULATION BLEED SOLENOID TO TORQUE CONVERTER CLUTCH PRESSURE SWITCH 1387 ORANGE TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID 1391 GRAY REAR WINDOW WIPER LOW 1392 DARK GREEN FEED, REAR WINDOW WIPER SWITCH TO WASHER 1393 WHITE FEED, REAR WINDOW WIPER SWITCH TO WASHER 1435 GRAY ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID 1437 BROWN ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR 1441 LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LIGHT BLUE BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LIGHT BLUE BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW 1443 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW 145 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW 146 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW 147 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW 148 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW 149 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW 150 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW 150 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH	CIRCUIT NUMBER	COLOR	CIRCUIT NAME
98 ORANGE FEED, DYNAMIC BREAK, "B-PLUS" SWITCH WIPER MOT 136 DARK BLUE GROUND, VACUUM SWITCH CONTROLLED, TURBO BOOTELLTALE 137 NATURAL-WHITE GROUND, VACUUM SWITCH CONTROLLED, TURBO BOOTECONOMY TELLTALE 382 LIGHT BLUE BLACK 386 YELLOW EXHAUST GAS RECIRCULATION BLEED SOLENOID TO TORQUE CONVERTER CLUTCH PRESSURE SWITCH 387 ORANGE TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID 391 GRAY REAR WINDOW WIPER LOW 392 DARK GREEN FEED, REAR WINDOW WIPER SWITCH TO WASHER 393 WHITE FEED, REAR WINDOW WIPER 435 GRAY ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID 437 BROWN ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR 441 LIGHT BLUE BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL AIGH 442 LIGHT BLUE BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW 443 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW 444 LIGHT GREEN BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH	87	GRAY-BLACK	FEED, RESUME SOLENOID, BRAKE SWITCH CONTROLLE
DARK BLUE GROUND, VACUUM SWITCH CONTROLLED, TURBO BOOTTELLTALE  RATURAL-WHITE GROUND, VACUUM SWITCH CONTROLLED, TURBO BOO ECONOMY TELLTALE  LIGHT BLUE BLACK  RECONOMY TELLTALE  LOW VACUUM SWITCH TO FOUR WHEEL DRIVE RELAY  BEACK  RECONOMY TELLTALE  LOW VACUUM SWITCH TO FOUR WHEEL DRIVE RELAY  BEACK  RECONOMY TELLTALE  LOW VACUUM SWITCH TO FOUR WHEEL DRIVE RELAY  BEACK  RECONOMY TELLTALE  LOW VACUUM SWITCH CONTROLLED, TURBO BOOTTE CONTROL MODILE TO EXHAUST GAS RECIRCULATION BLEED SOLENOID  REAR WINDOW WIPER LOW  REAR WINDOW WIPER SWITCH TO WASHER  FEED, REAR WINDOW WIPER  RECIRCULATION SOLENOID  BROWN ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  BROWN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, HIGH  LIGHT BLUE BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, HIGH  LIGHT BLUE BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH	97	LIGHT BLUE	WINDSHIELD WIPER, PULSE LOW
TELLTALE  TELLTALE  GROUND, VACUUM SWITCH CONTROLLED, TURBO BOO ECONOMY TELLTALE  LIGHT BLUE BLACK  SEXHAUST GAS RECIRCULATION BLEED SOLENOID TO TORQUE CONVERTER CLUTCH PRESSURE SWITCH  TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID  GRAY  GRAY  GRAY  GROUND, VACUUM SWITCH TO FOUR WHEEL DRIVE RELAY  EXHAUST GAS RECIRCULATION BLEED SOLENOID TO TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID  AND TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID  BEAR WINDOW WIPER LOW  FEED, REAR WINDOW WIPER SWITCH TO WASHER  FEED, REAR WINDOW WIPER  GRAY  ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  BROWN  ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROC COIL A, HIGH  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROC COIL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROC COIL B, HIGH  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROC COIL B, HIGH  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROC COIL B, HIGH	98	ORANGE	FEED, DYNAMIC BREAK, "B-PLUS" SWITCH WIPER MOTO
UNITE ECONOMY TELLTALE  LIGHT BLUE -BLACK  SEXHAUST GAS RECIRCULATION BLEED SOLENOID TO TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID  GRAY REAR WINDOW WIPER LOW  JOARK GREEN FEED, REAR WINDOW WIPER SWITCH TO WASHER  GRAY ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  BROWN ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  LIGHT BLUE -BLACK ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, HIGH  LIGHT BLUE -BLACK ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH	136	DARK BLUE	GROUND, VACUUM SWITCH CONTROLLED, TURBO BOOS TELLTALE
BLACK  YELLOW  EXHAUST GAS RECIRCULATION BLEED SOLENOID TO TORQUE CONVERTER CLUTCH PRESSURE SWITCH  387  ORANGE  TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID  391  GRAY  REAR WINDOW WIPER LOW  392  DARK GREEN  FEED, REAR WINDOW WIPER SWITCH TO WASHER  435  GRAY  ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  437  BROWN  ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  441  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, HIGH  442  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  443  LIGHT GREEN  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  444  LIGHT GREEN  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH	137		GROUND, VACUUM SWITCH CONTROLLED, TURBO BOOS ECONOMY TELLTALE
TORQUE CONVERTER CLUTCH PRESSURE SWITCH  TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID  GRAY  REAR WINDOW WIPER LOW  FEED, REAR WINDOW WIPER SWITCH TO WASHER  FEED, REAR WINDOW WIPER  GRAY  FEED, REAR WINDOW WIPER  GRAY  ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  BROWN  ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  LIGHT BLUE -RED  LIGHT BLUE -RED  LIGHT BLUE -BLACK  LIGHT GREEN -BLECTRONIC CONTROL MODULE TO IDLE AIR CONTROL ALOW  LIGHT GREEN -RED  LIGHT GREEN -RED  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL ALOW  LIGHT GREEN -RED  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL ALOW  LIGHT GREEN -RED  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL ALOW	382		LOW VACUUM SWITCH TO FOUR WHEEL DRIVE RELAY
TRANSMISSION SOLENOID  REAR WINDOW WIPER LOW  DARK GREEN FEED, REAR WINDOW WIPER SWITCH TO WASHER  FEED, REAR WINDOW WIPER  WHITE FEED, REAR WINDOW WIPER  GRAY ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  BROWN ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROCOIL A, HIGH  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROCOIL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROCOIL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROCOIL B, HIGH	386	YELLOW	
DARK GREEN FEED, REAR WINDOW WIPER SWITCH TO WASHER  WHITE FEED, REAR WINDOW WIPER  GRAY ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  BROWN ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  LIGHT BLUE -RED ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, HIGH  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH	387	ORANGE	TORQUE CONVERTER CLUTCH PRESSURE SWITCH TO TRANSMISSION SOLENOID
393 WHITE FEED, REAR WINDOW WIPER  435 GRAY ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  437 BROWN ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  441 LIGHT BLUE COIL A, HIGH  442 LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  443 LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW  444 LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  444 LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH	391	GRAY	REAR WINDOW WIPER LOW
435 GRAY ELECTRONIC CONTROL MODULE TO EXHAUST GAS RECIRCULATION SOLENOID  437 BROWN ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  441 LIGHT BLUE COIL A, HIGH  442 LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, LOW  443 LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH  444 LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH	392	DARK GREEN	FEED, REAR WINDOW WIPER SWITCH TO WASHER
RECIRCULATION SOLENOID  437  BROWN  ELECTRONIC CONTROL MODULE TO VEHICLE SPEED SENSOR  441  LIGHT BLUE COIL A, HIGH  442  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, HIGH  443  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL A, LOW  444  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  444  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH	393	WHITE	FEED, REAR WINDOW WIPER
SENSOR  LIGHT BLUE -RED  LIGHT BLUE -RED  LIGHT BLUE -BLACK  LIGHT GREEN -BLACK  LIGHT GREEN -RED  LIGHT GREEN -RED  SENSOR  ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL AIR CONTROL AIR CONTROL AIR CONTROL AIR CONTROL BILLIAGE AIR BILLIAGE AIR CONTROL BILLIAGE AIR BILLIAGE AIR CONTROL BILLIAGE AIR BIL	435	GRAY	
-RED COIL A, HIGH  LIGHT BLUE ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL ALOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL B, HIGH	437	BROWN	
-BLACK COIL A, LOW  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, HIGH  LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL	441		ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL A, HIGH
-RED COIL B, HIGH  444 LIGHT GREEN ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL	442		ELECTRONIC CONTROL MODULE TO IDLE AIR CONTRO COIL A, LOW
	443		ELECTRONIC CONTROL MODULE TO IDLE AIR CONTRO COIL B, HIGH
	444		ELECTRONIC CONTROL MODULE TO IDLE AIR CONTROL COIL B, LOW

CIRCUIT NUMBER	COLOR	CIRCUIT NAME
445	GRAY-RED	ELECTRONIC CONTROL MODULE TO EARLY FUEL EVAPORATION SOLENOID
446	LIGHT BLUE	ELECTRONIC CONTROL MODULE TO FOURTH GEAR SWITCH
448	RED	FEED, RELAY SWITCHED INJECTOR
449	BROWN	FEED, ELECTRONIC CONTROL MODULE TO AIR CONDITIONING CLUTCH RELAY, AIR CONDITIONING WIDE OPEN THROTTLE CUTOUT
620	BROWN	THEFT DETERRENT, ALARM ARM, LEFT FRONT DOOR SWITCH OUTPUT
621	YELLOW	THEFT DETERRENT, ALARM ARM, LEFT REAR DOOR SWITCH OUTPUT
622	BROWN	THEFT DETERRENT, ALARM ARM, RIGHT REAR DOOR SWITCH OUTPUT
639	PINK-BLACK	IGNITION SWITCH "ON AND CRANK" CONTROLLED, FUSED FEED
899		DIODES - ANY

# THE CIRCUITS LISTED BELOW HAVE REVISED COLORS:

CIRCUIT	ORIGINAL COLOR	REVISED COLOR
422	TAN-WHITE	TAN-BLACK
432	DARK BLUE -GRAY	LIGHT GREEN
438	RED-WHITE	DARK GREEN-WHITE
508	YELLOW	YELLOW-BLACK

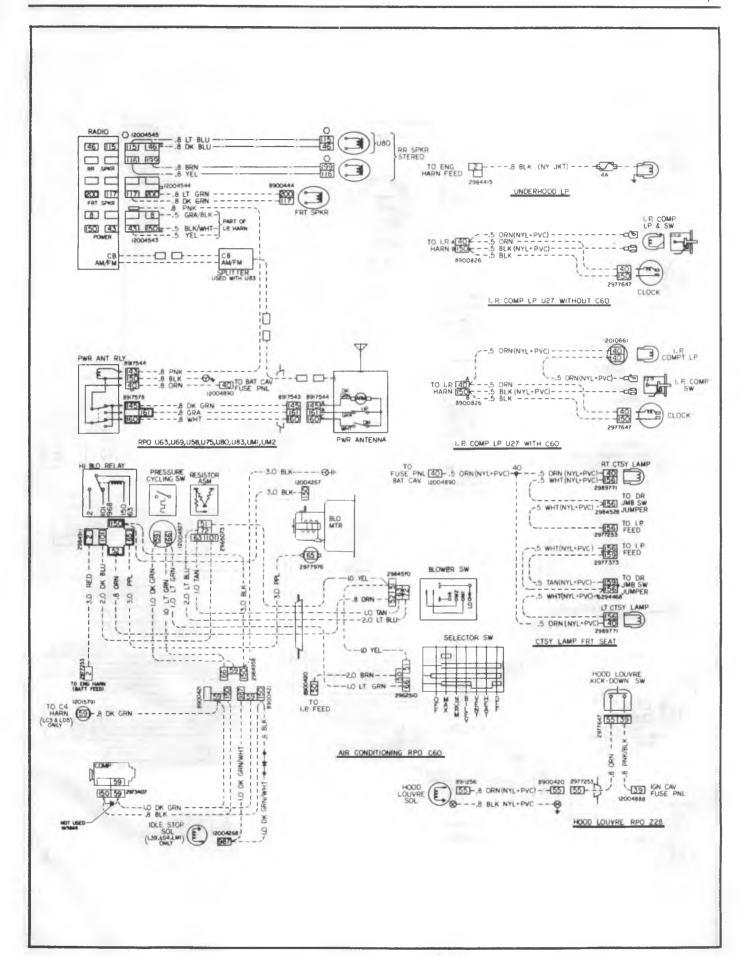


Fig. 1 — Camaro Electrical Wiring 1 of 1

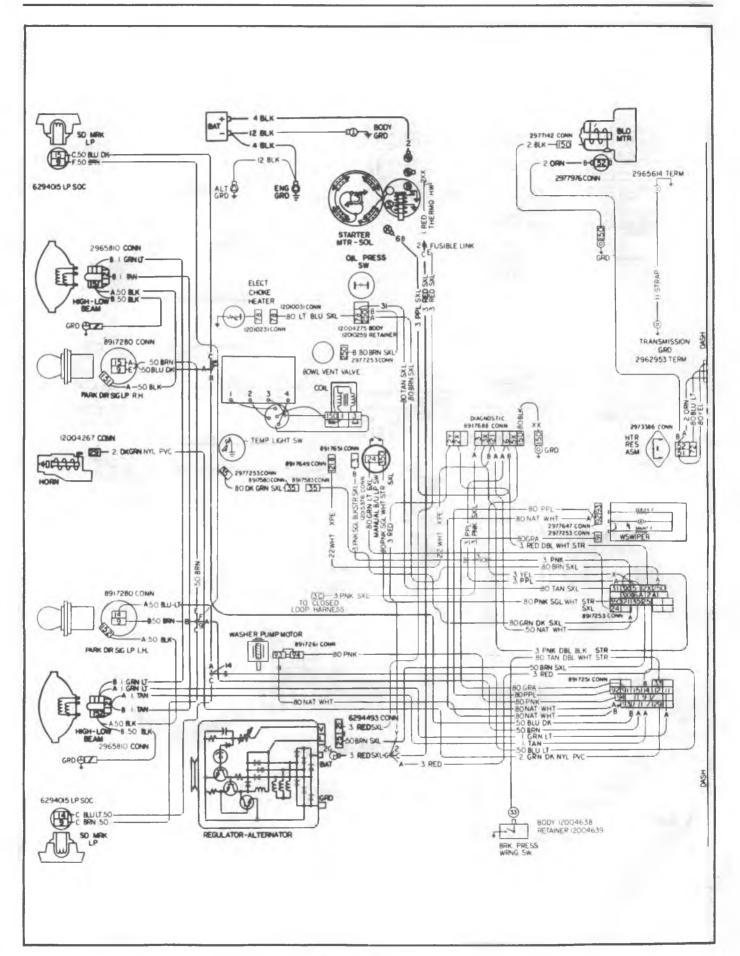


Fig. 2 — Chevette Electrical Wiring 1 of 9

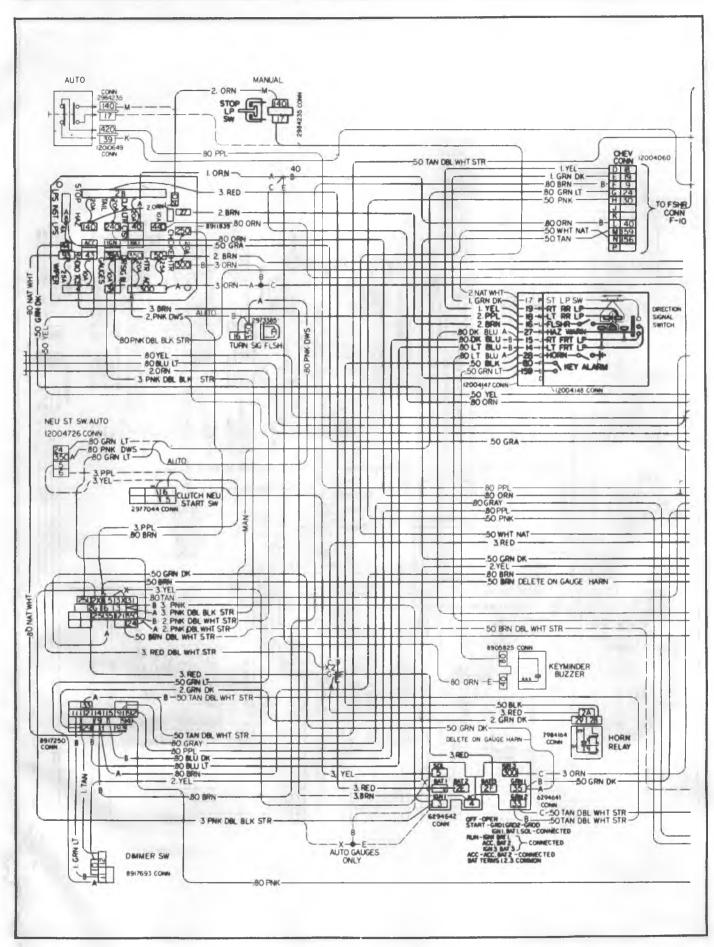


Fig. 3 — Chevette Electrical Wiring 2 of 9

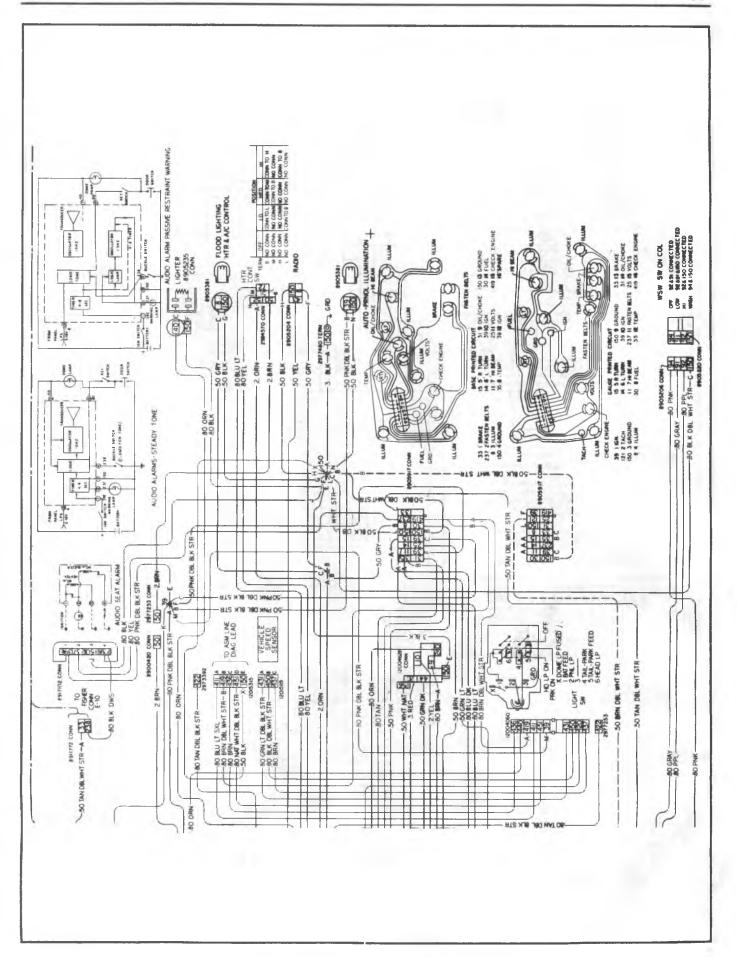


Fig. 4 - Chevette Electrical Wiring 3 of 9

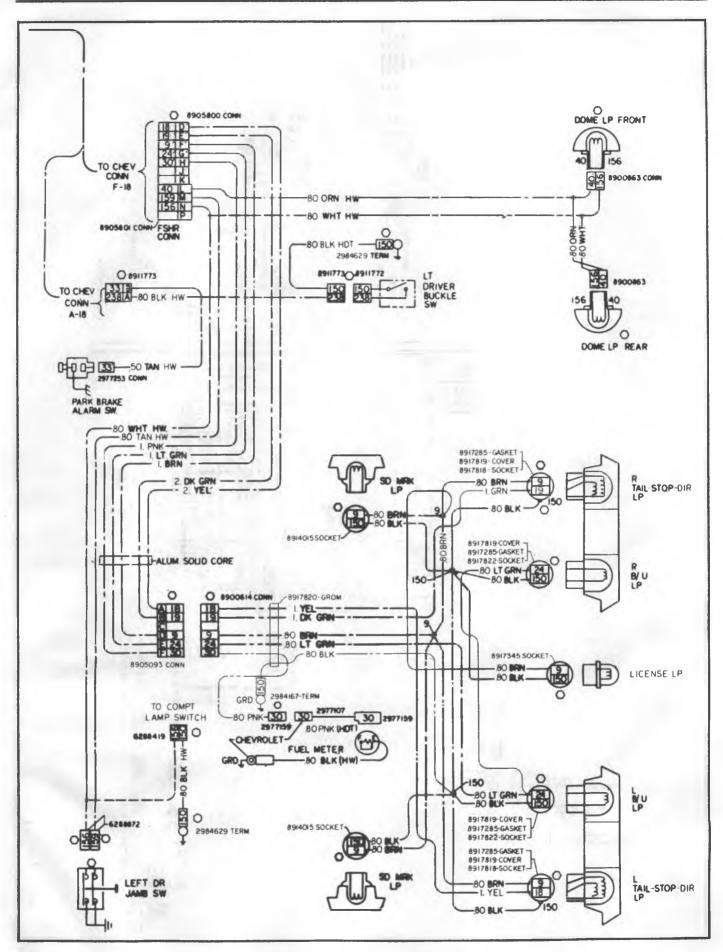


Fig. 5 - Chevette Electrical Wiring 4 of 9

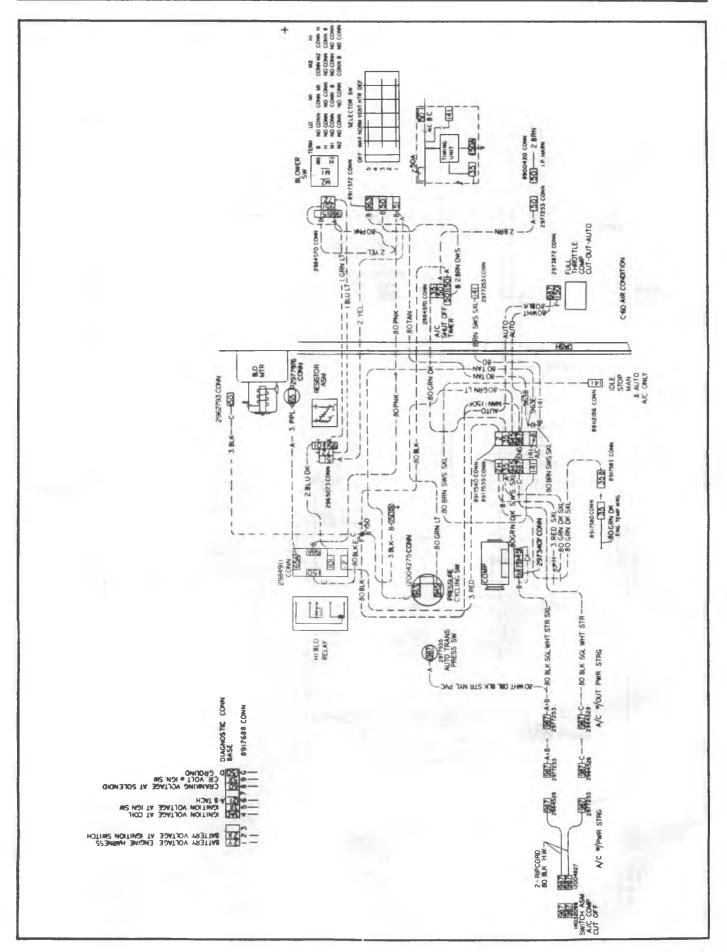


Fig. 6 - Chevette Electrical Wiring 5 of 9

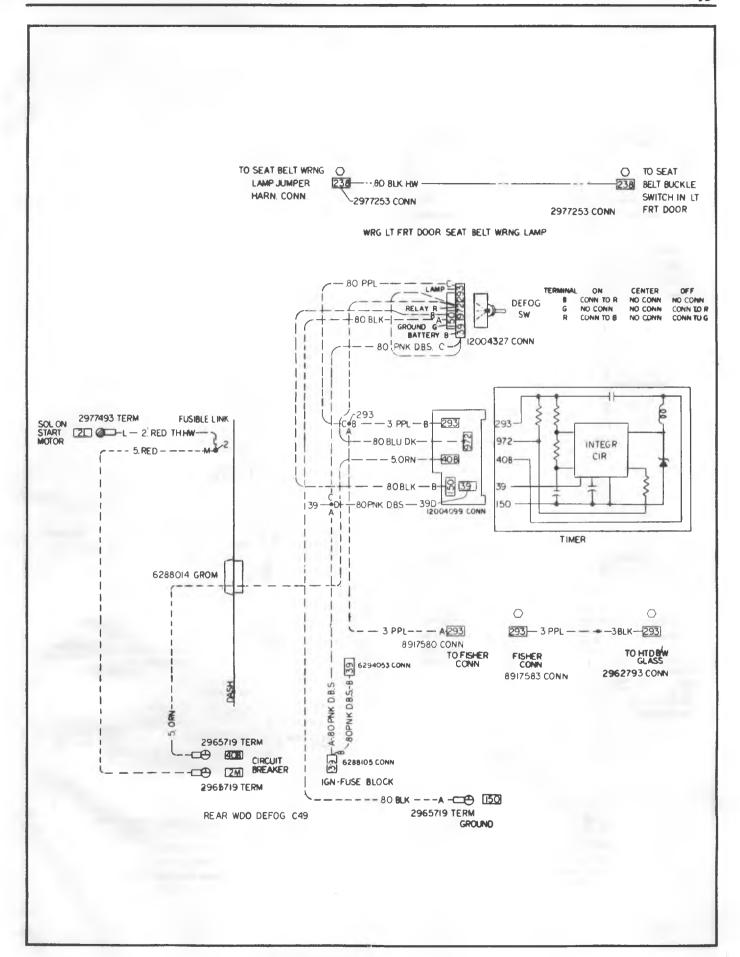


Fig. 7 — Chevette Electrical Wiring 6 of 9

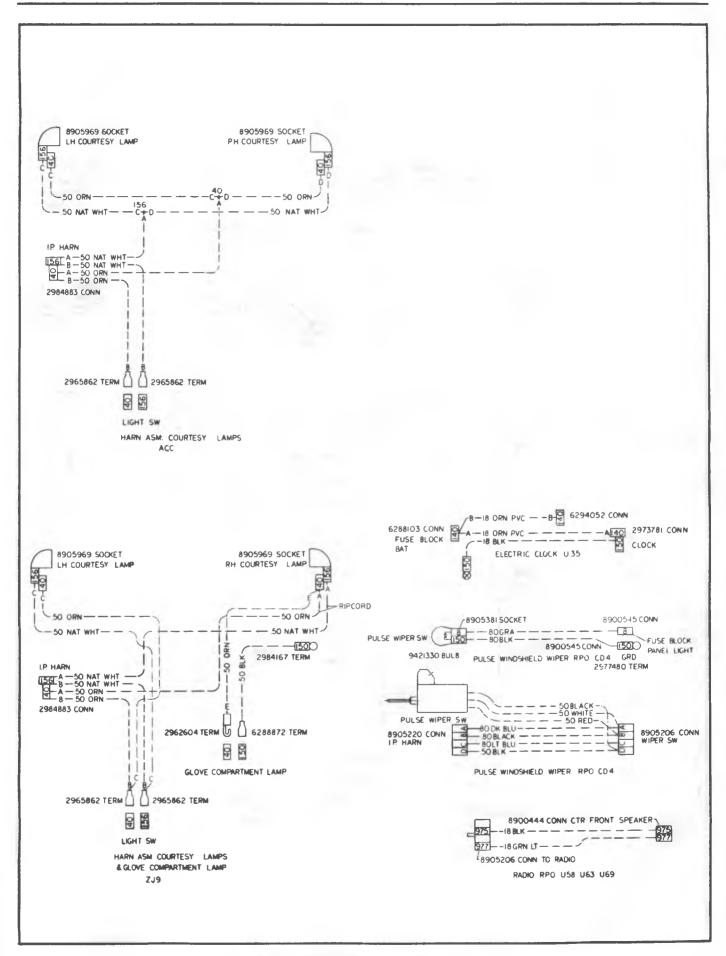


Fig. 8 - Chevette Electrical Wiring 7 of 9

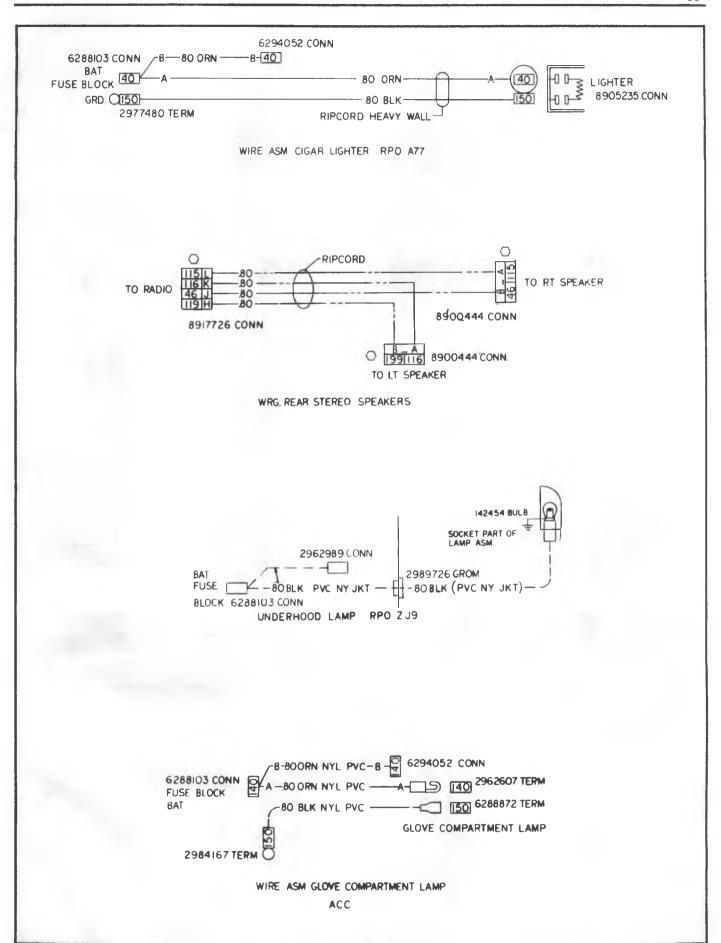


Fig. 9 - Chevette Electrical Wiring 8 of 9

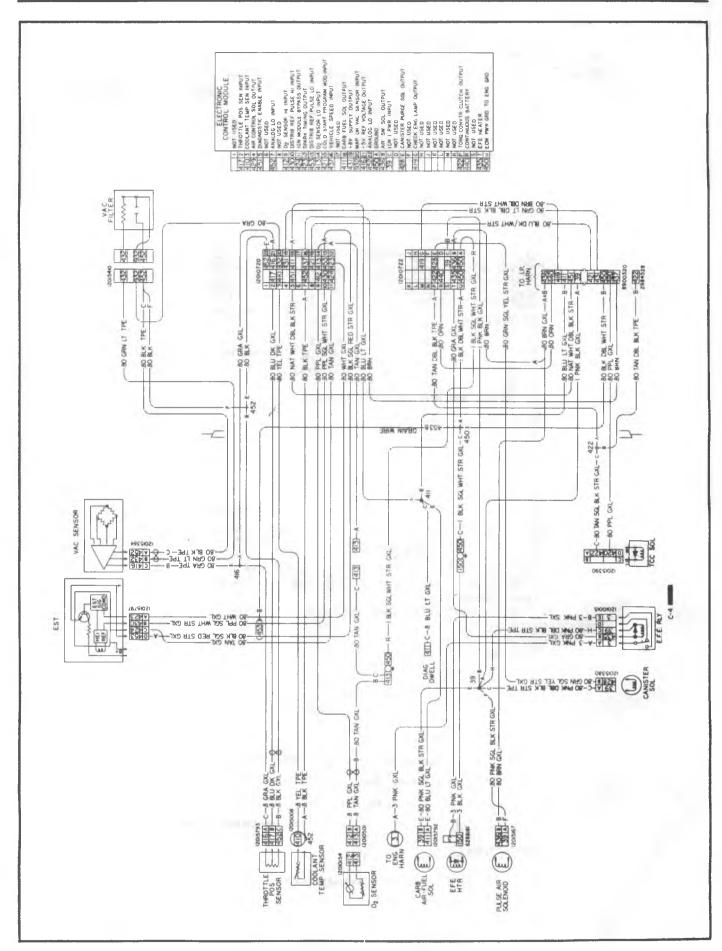


Fig. 10 - Chevette Electrical Wiring 9 of 9

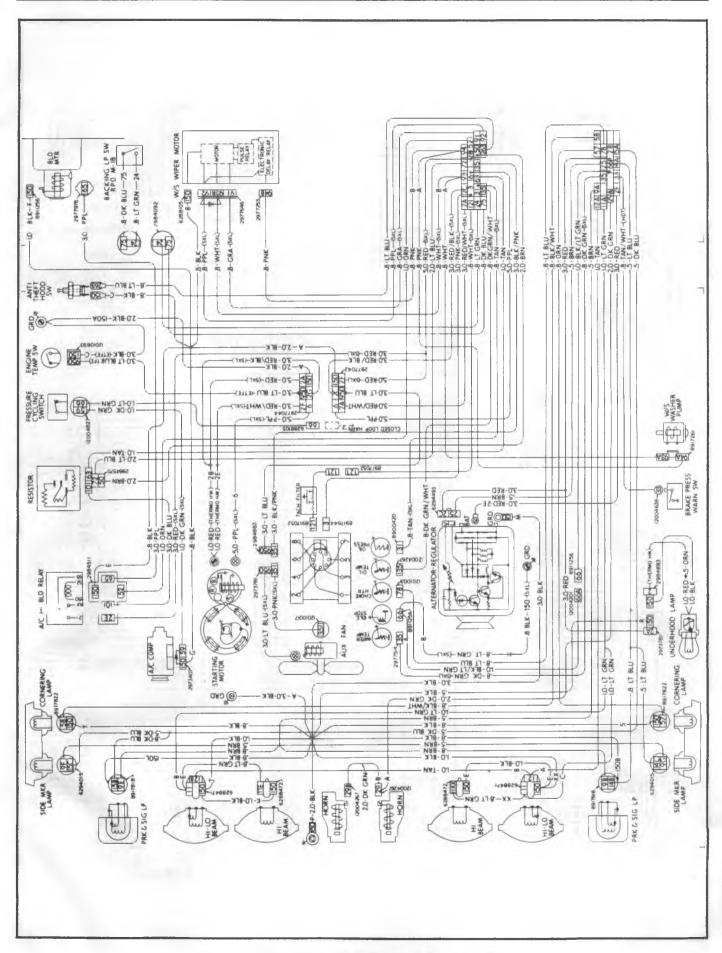


Fig. 11 – Corvette Electrical Wiring 1 of 11

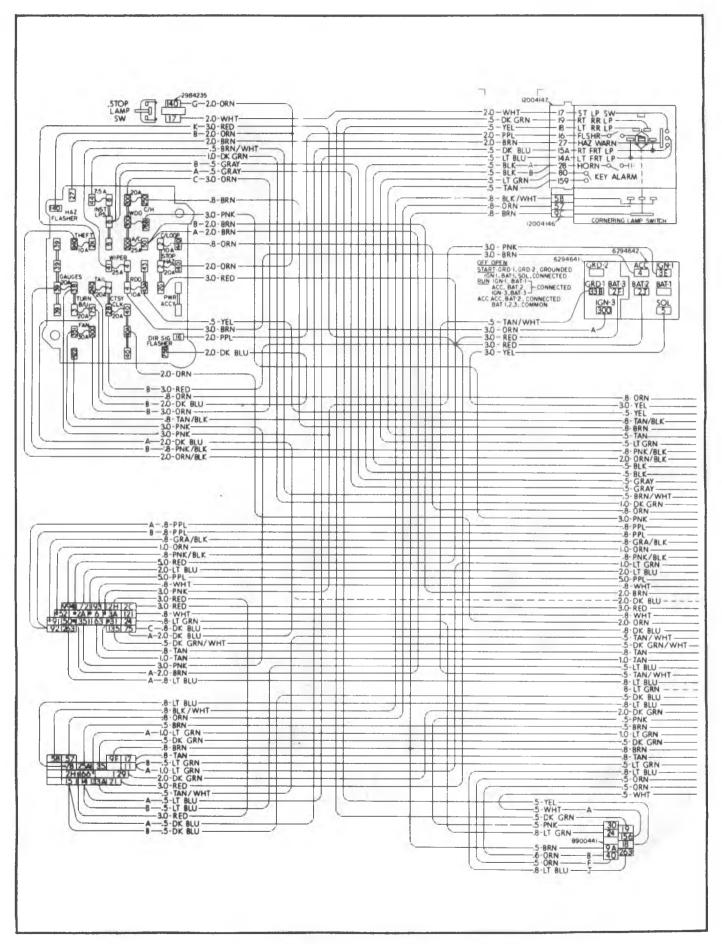


Fig. 12 - Corvette Electrical Wiring 2 of 11

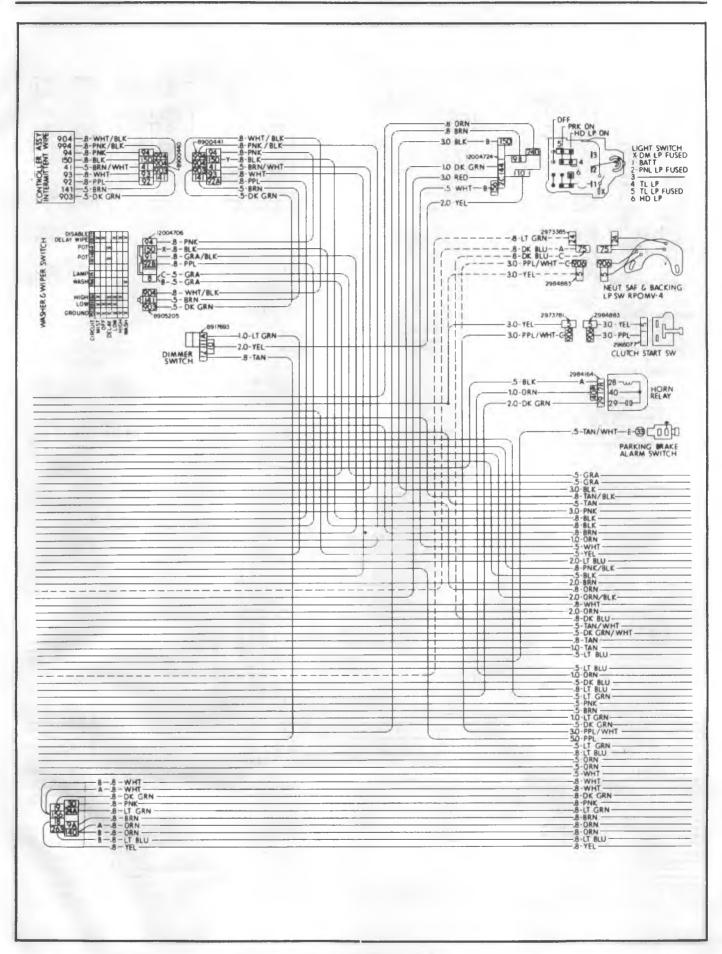


Fig. 13 - Corvette Electrical Wiring 3 of 11

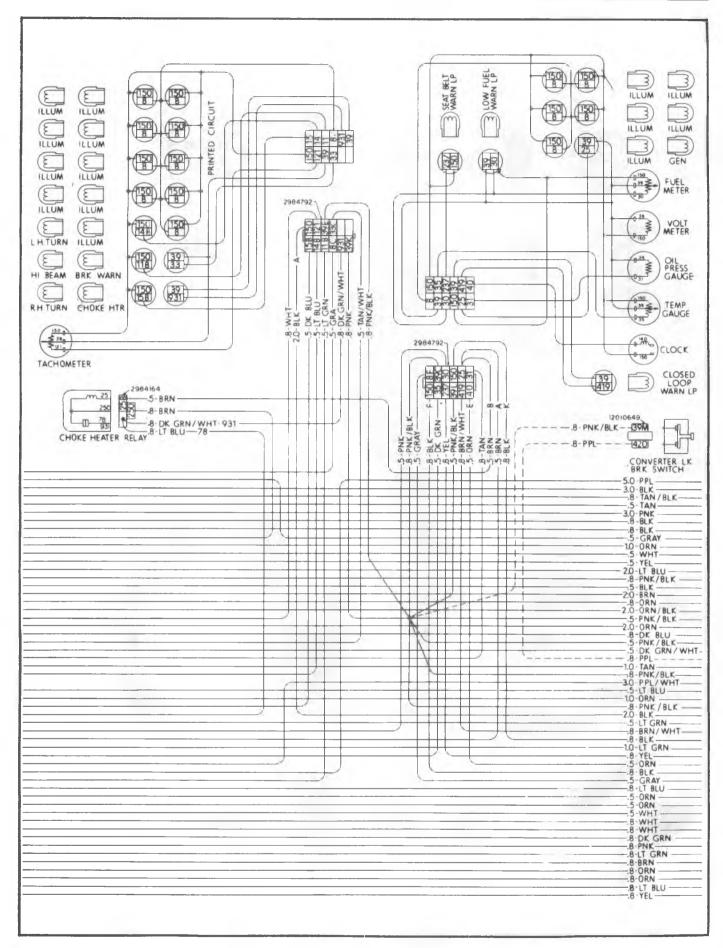


Fig. 14 – Corvette Electrical Wiring 4 of 11

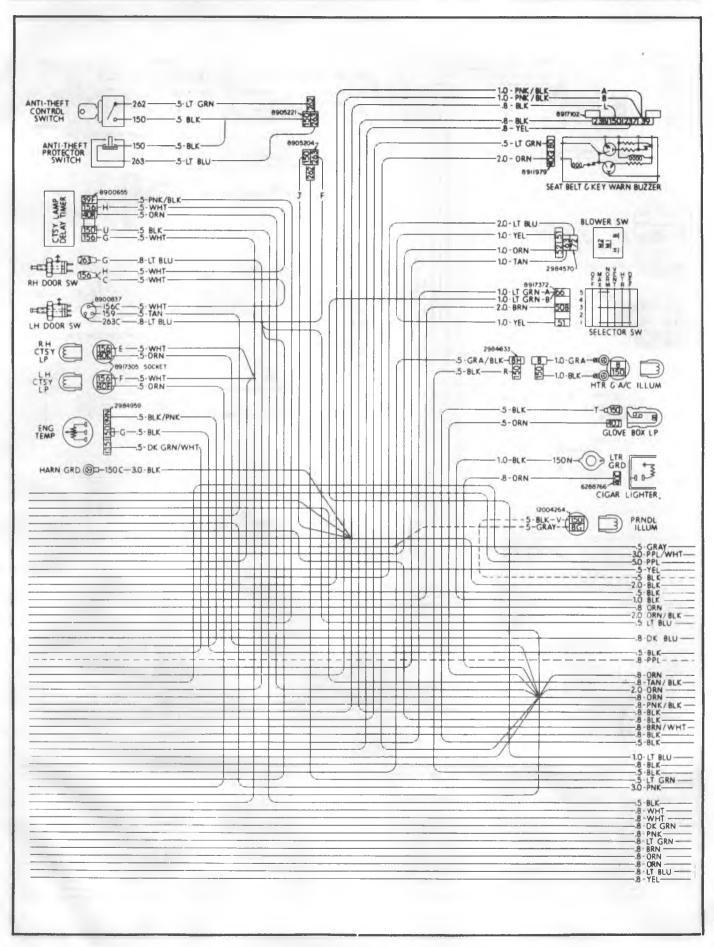


Fig. 15 - Corvette Electrical Wiring 5 of 11

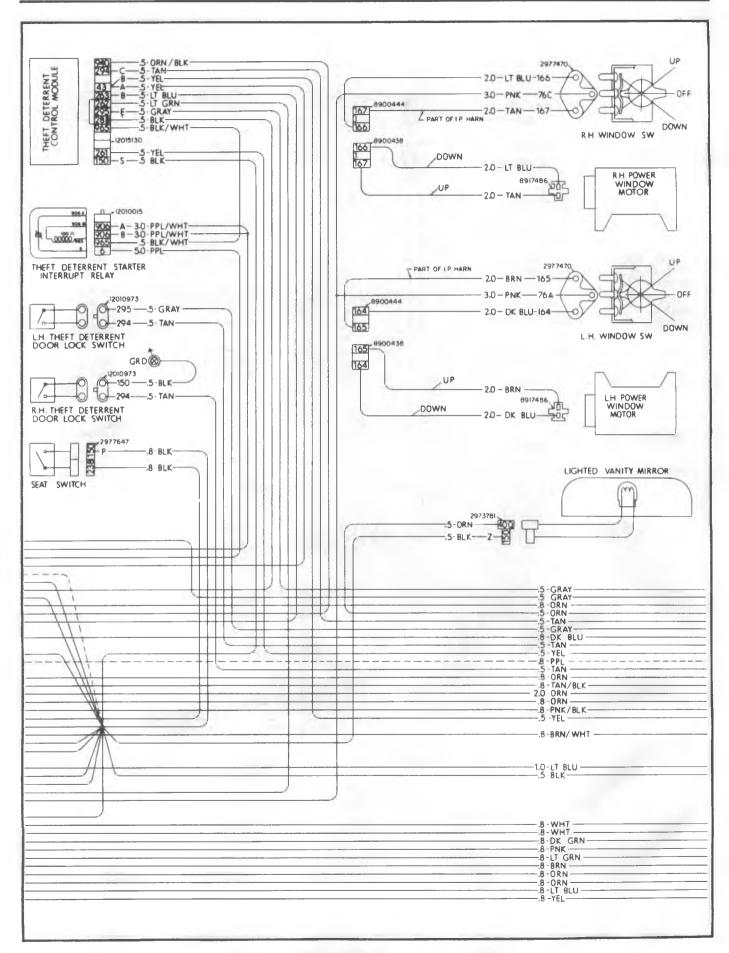


Fig. 16 - Corvette Electrical Wiring 6 of 11

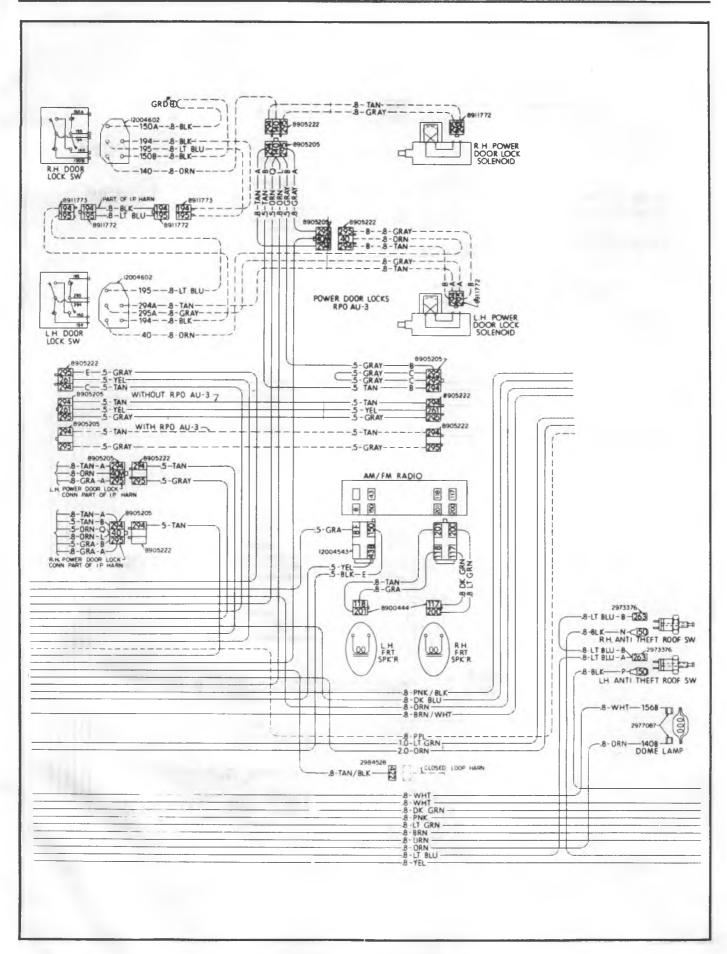


Fig. 17 – Corvette Electrical Wiring 7 of 11

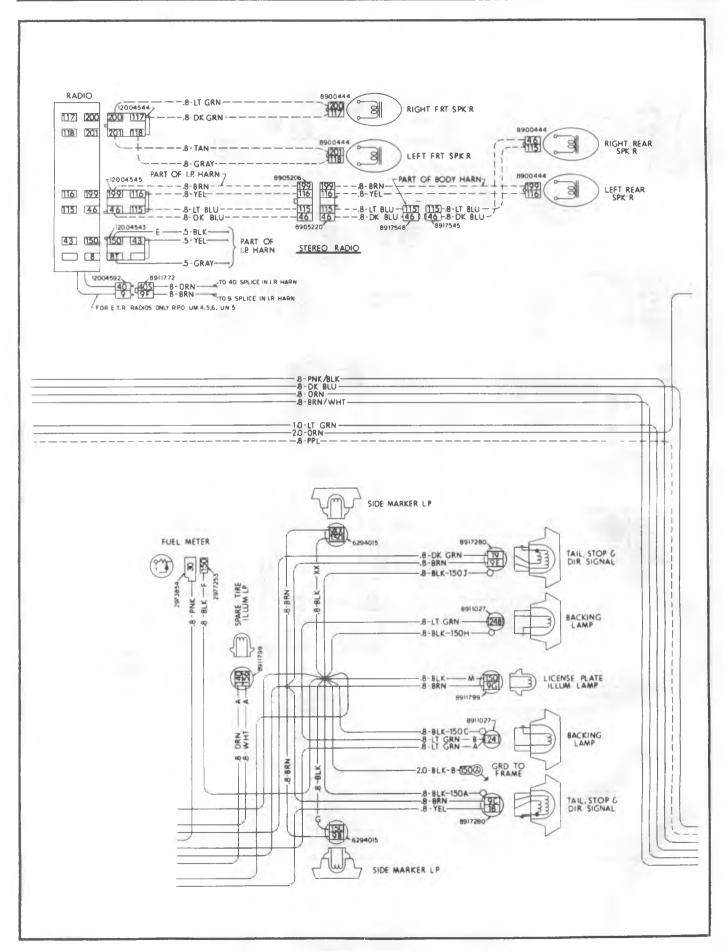


Fig. 18 - Corvette Electrical Wiring 8 of 11

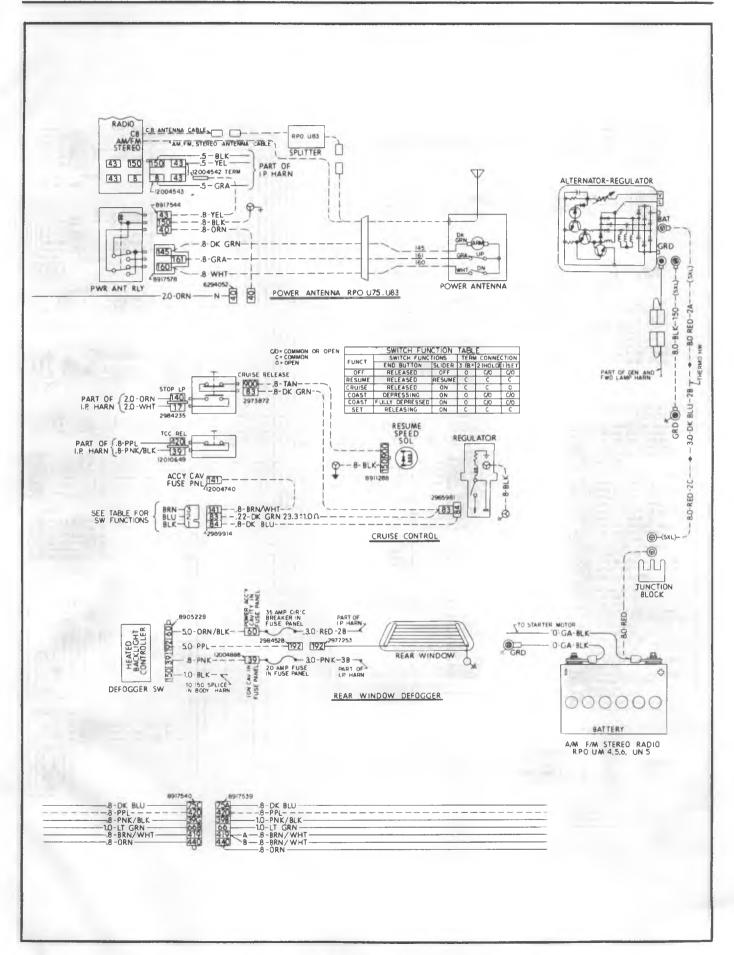


Fig. 19 - Corvette Electrical Wiring 9 of 11

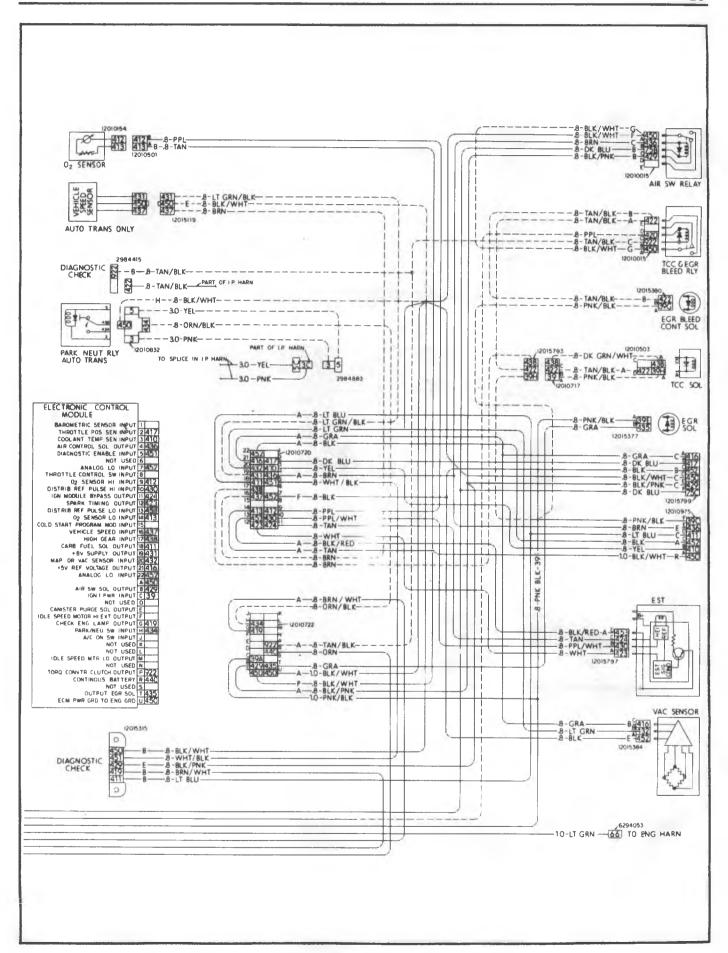


Fig. 20 — Corvette Electrical Wiring 10 of 11

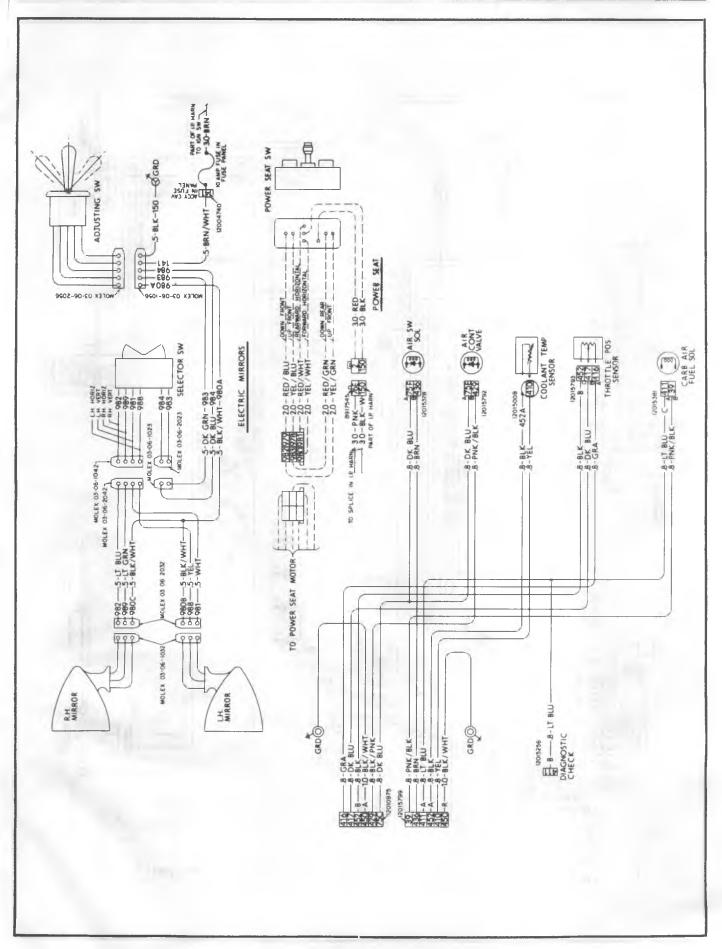


Fig. 21 - Corvette Electrical Wiring 11 of 11

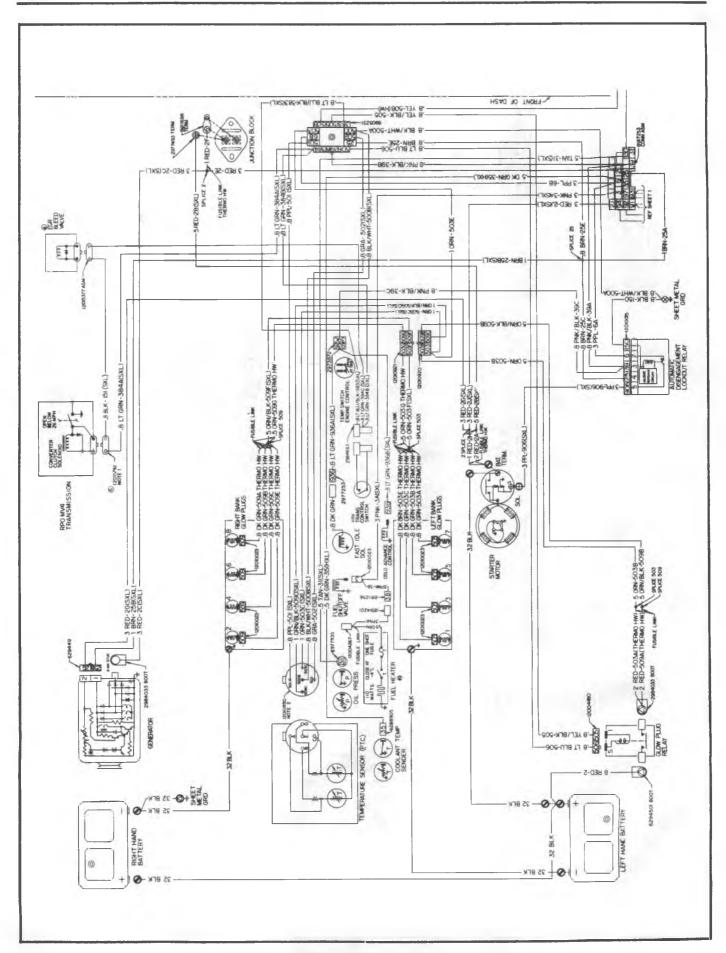


Fig. 22 - CK Truck Electrical Wiring 1 of 4

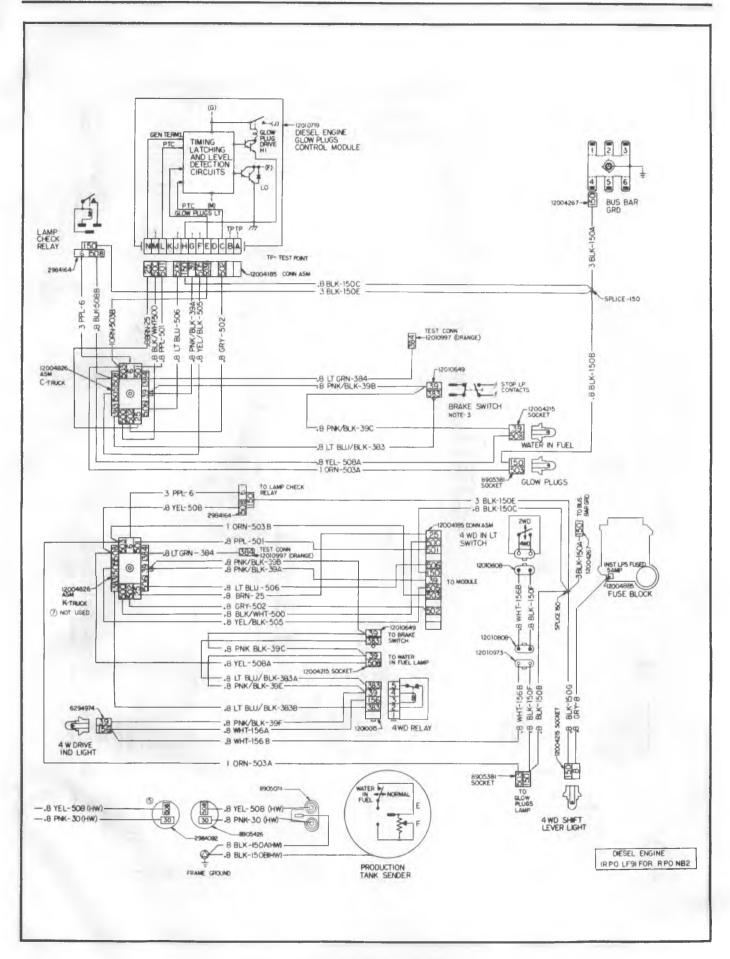


Fig. 23 – CK Truck Electrical Wiring 2 of 4

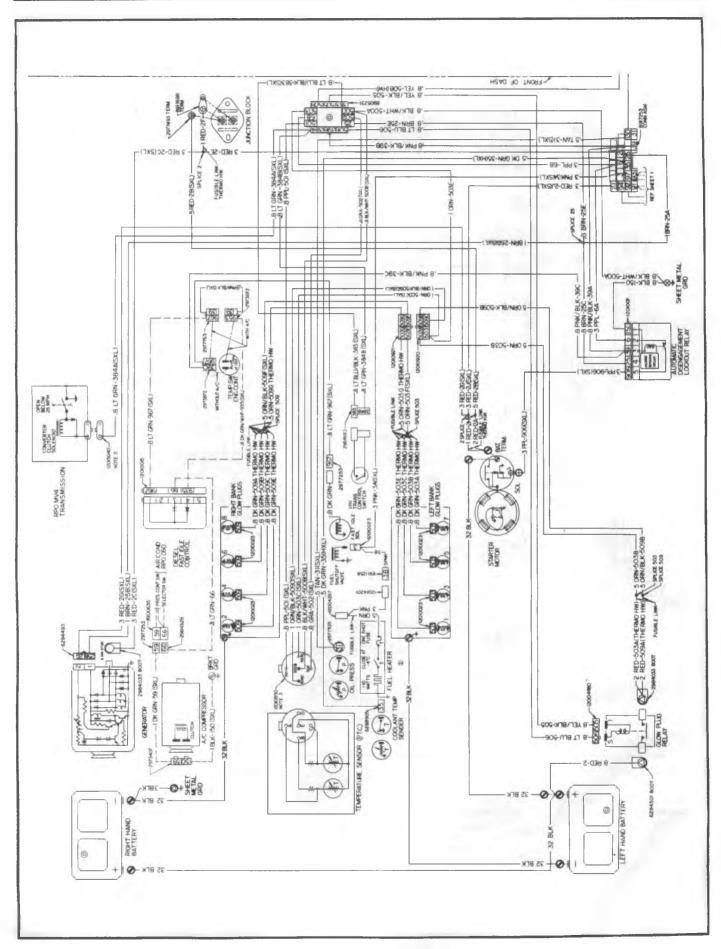


Fig. 24 - CK Truck Electrical Wiring 3 of 4

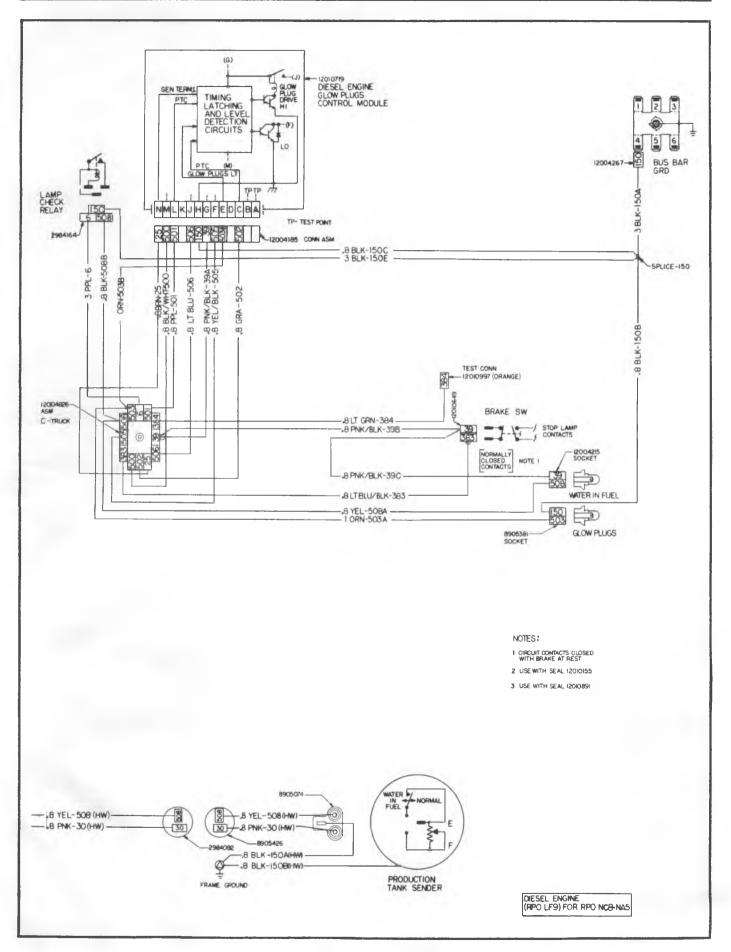


Fig. 25 - CK Truck Electrical Wiring 4 of 4