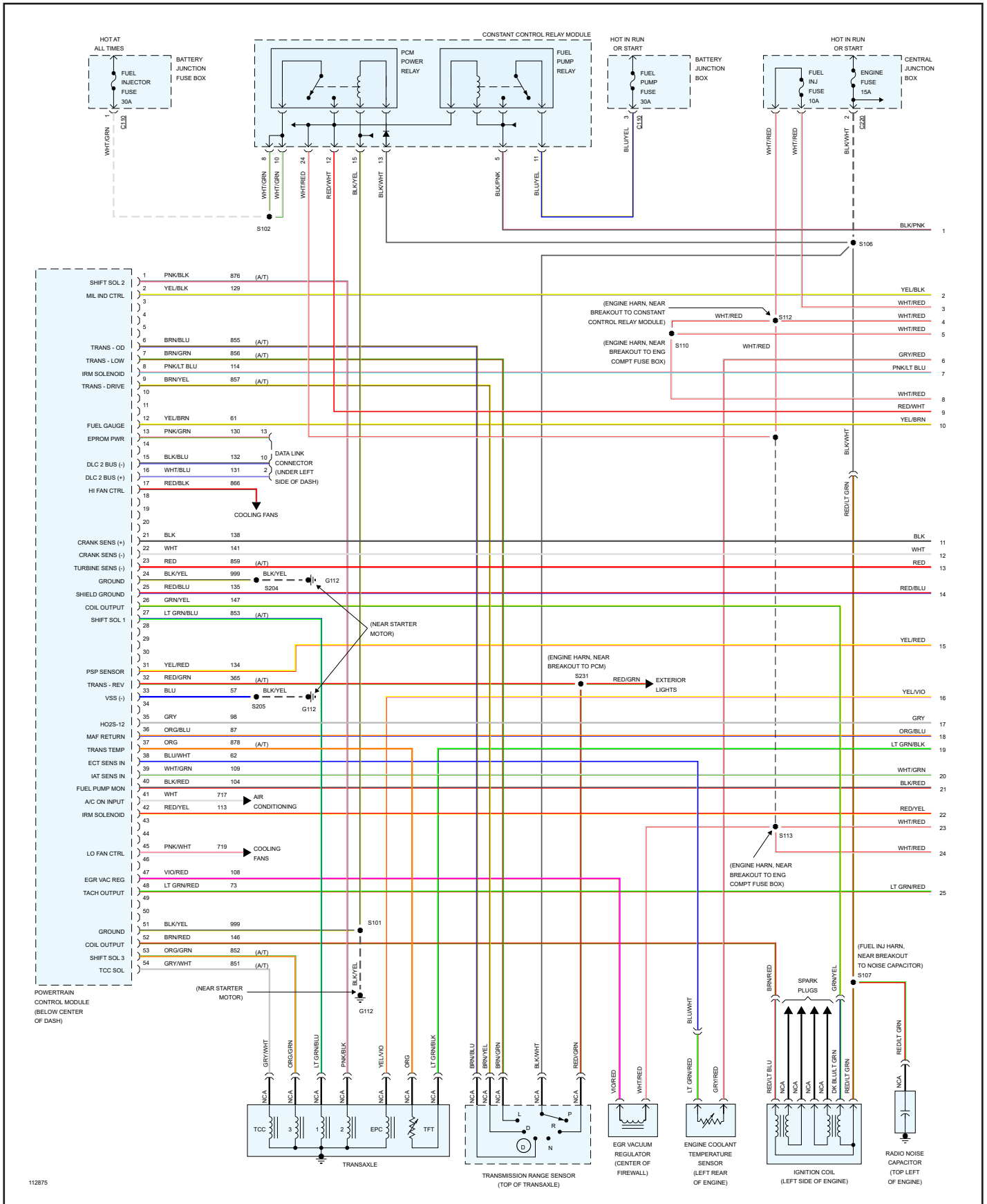


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3

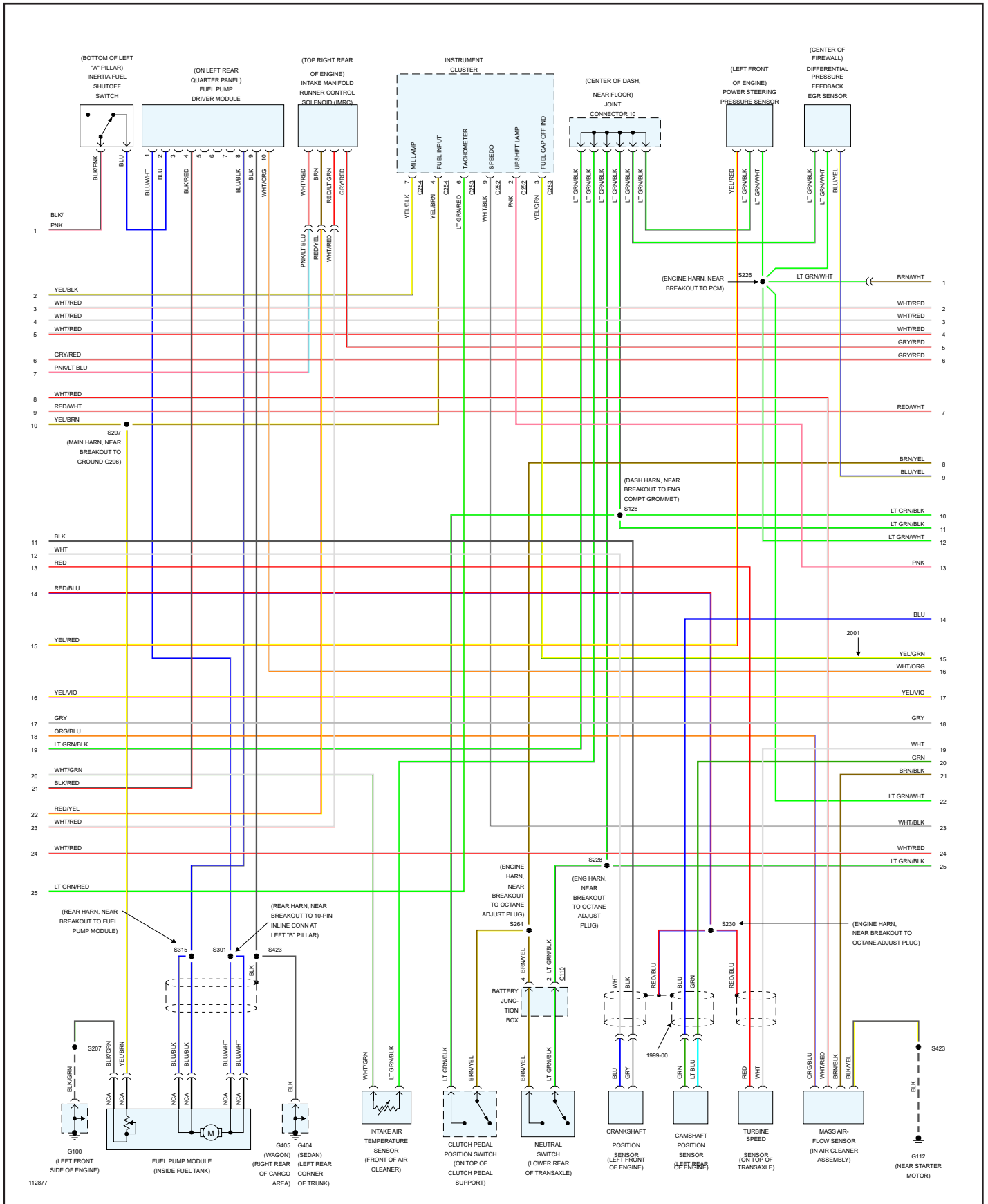
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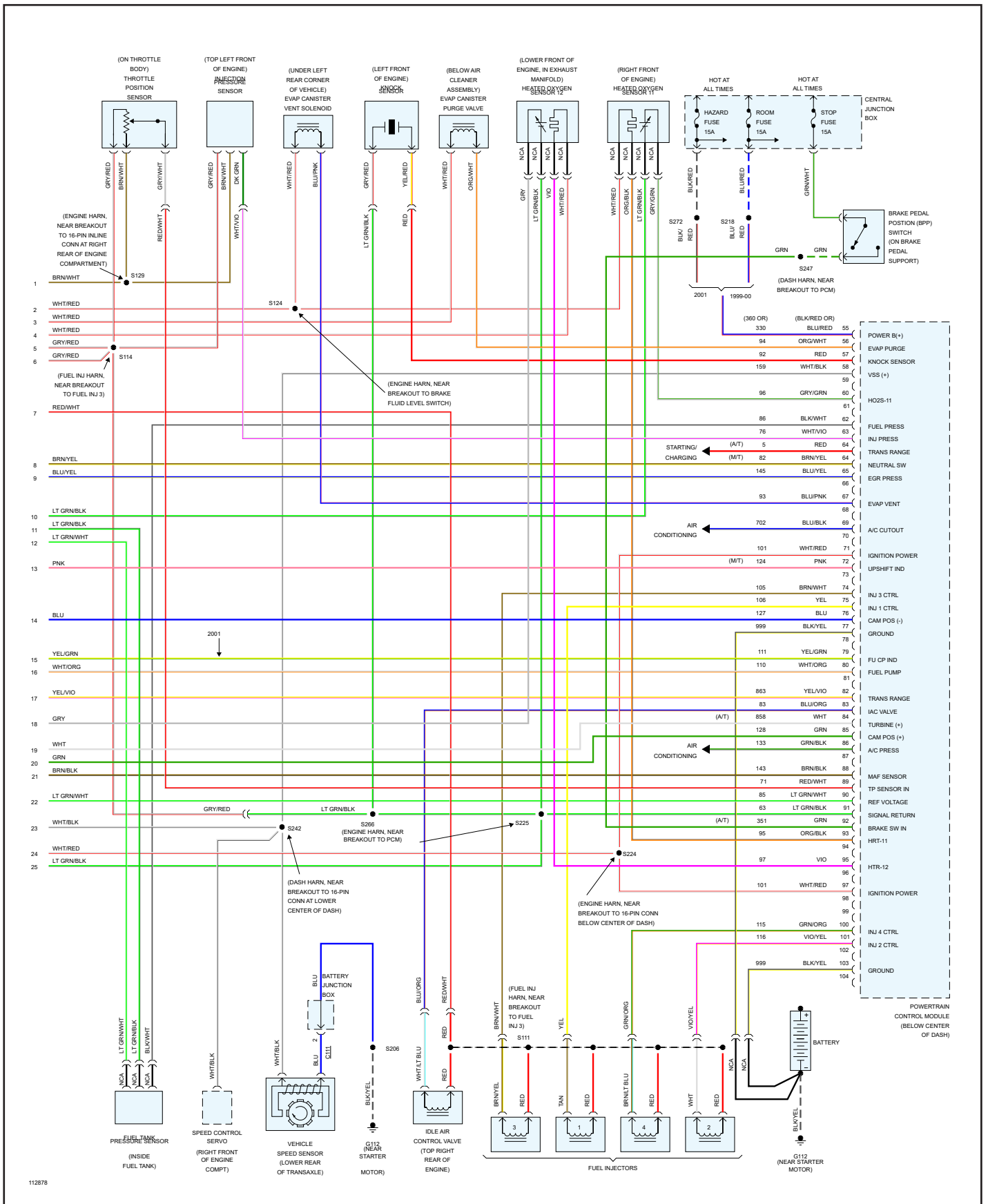
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 ENGINE CONTROLS [LX, SE, ZX2 S R]



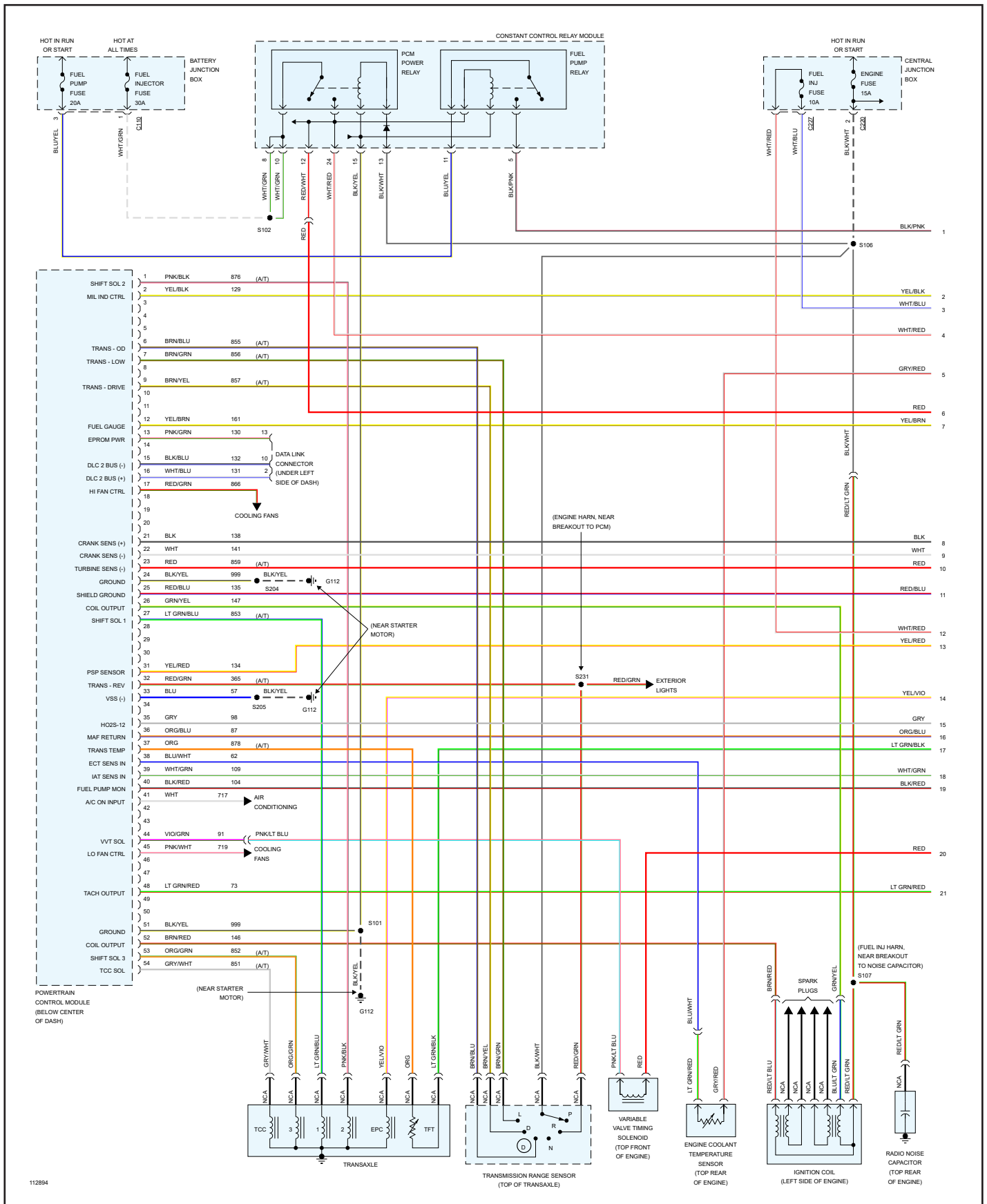
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 ENGINE CONTROLS [LX, SE, ZX2 S R]



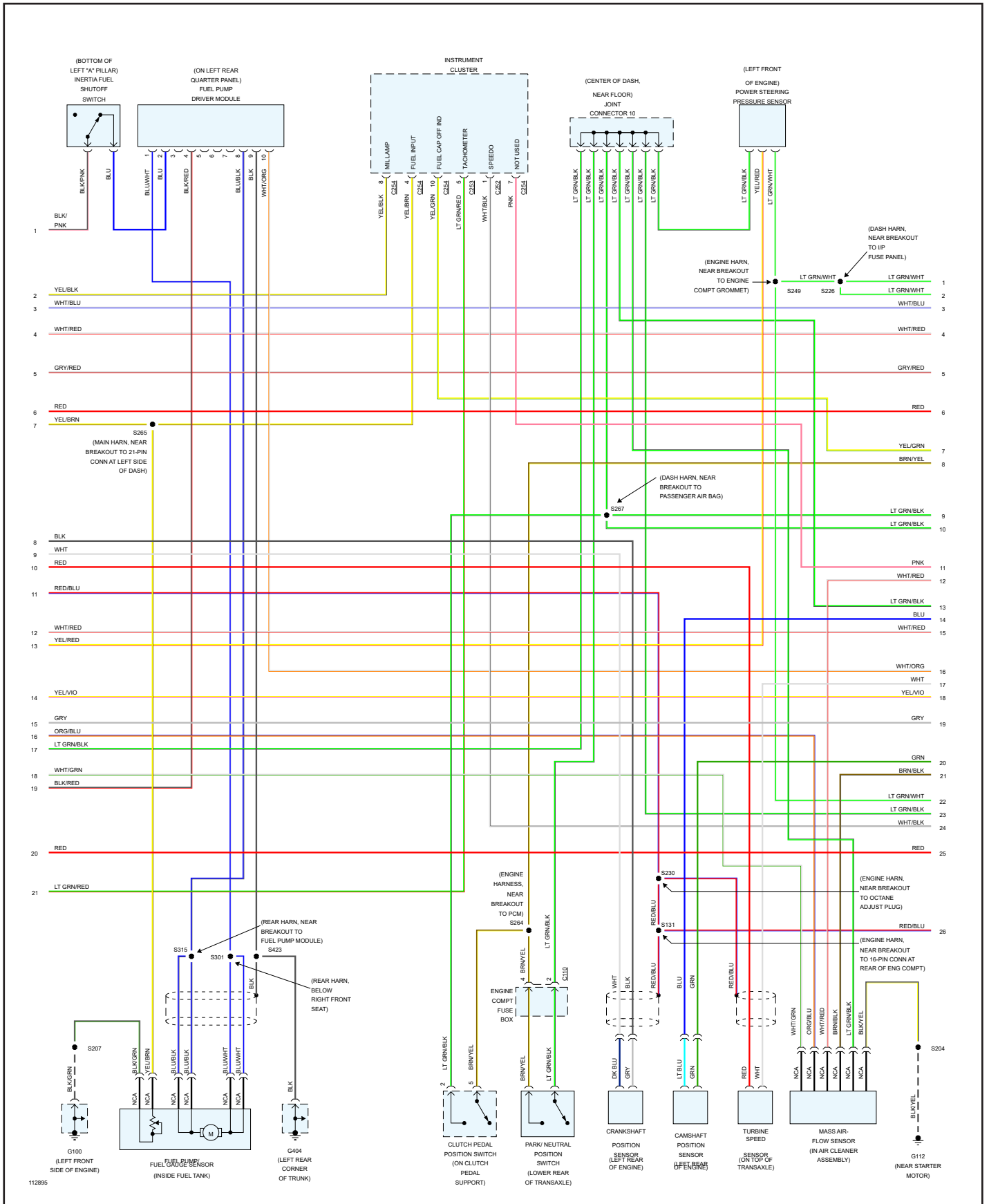
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 ENGINE CONTROLS [LX, SE, ZX2 S R]



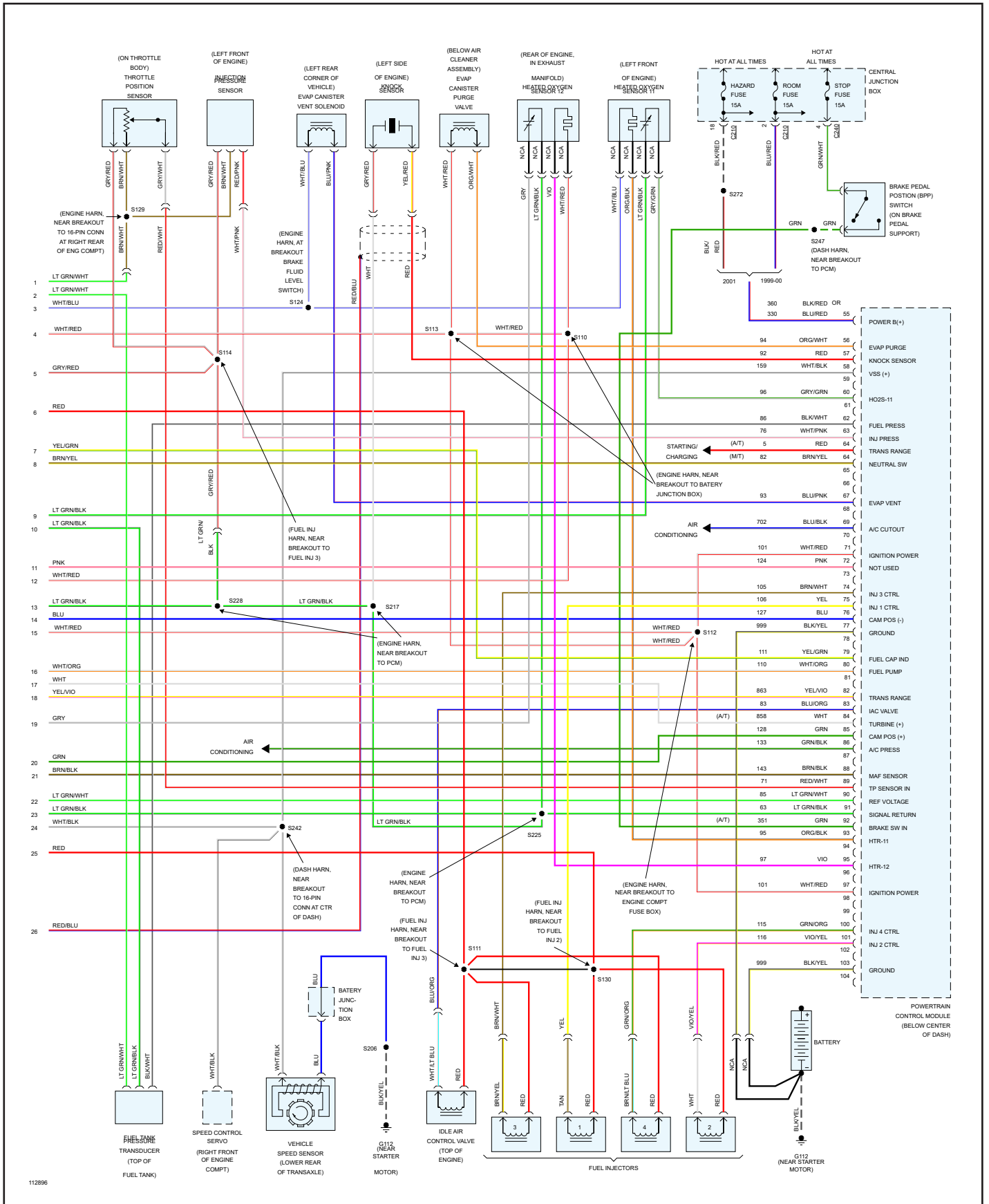
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 ENGINE CONTROLS [ZX2]



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 ENGINE CONTROLS [ZX2]

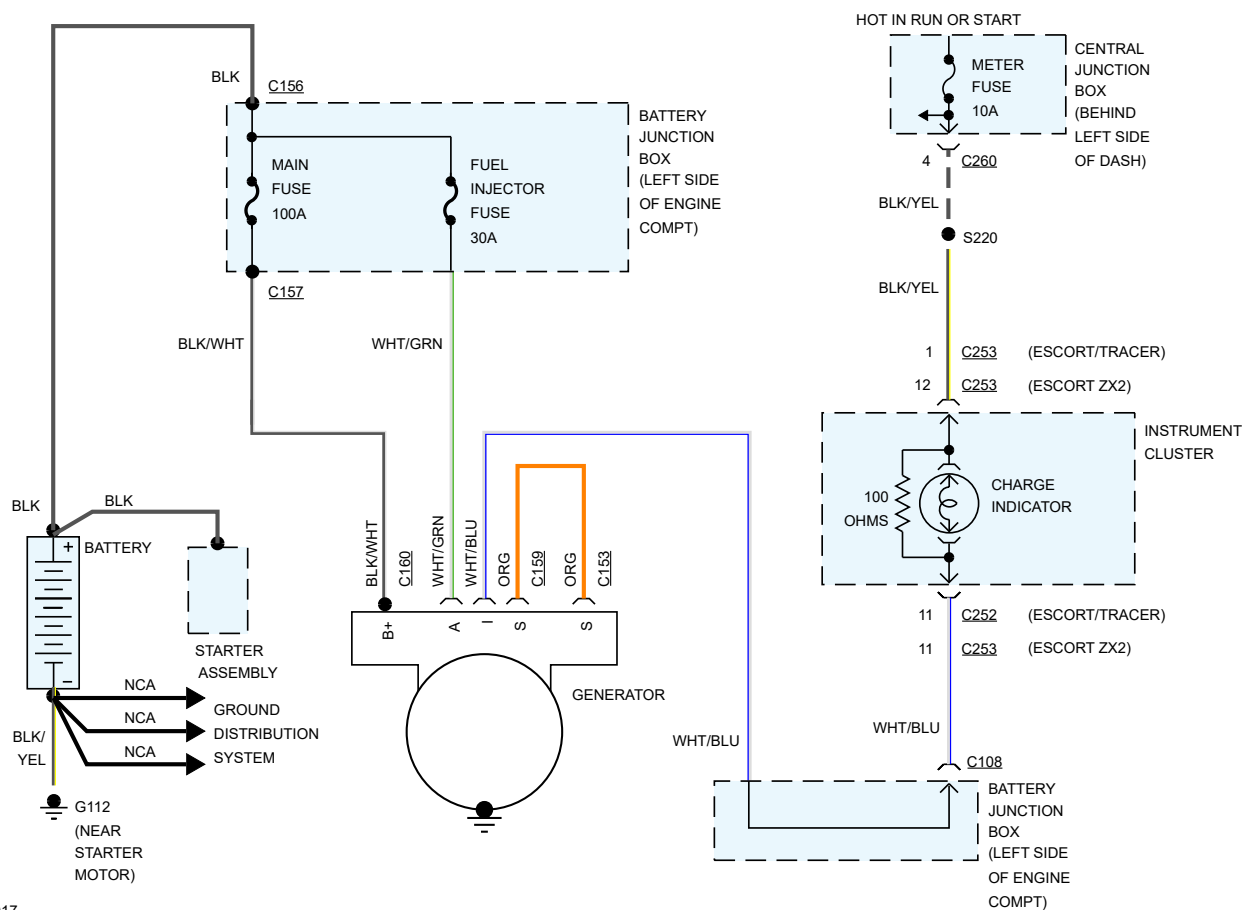


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 ENGINE CONTROLS [ZX2]



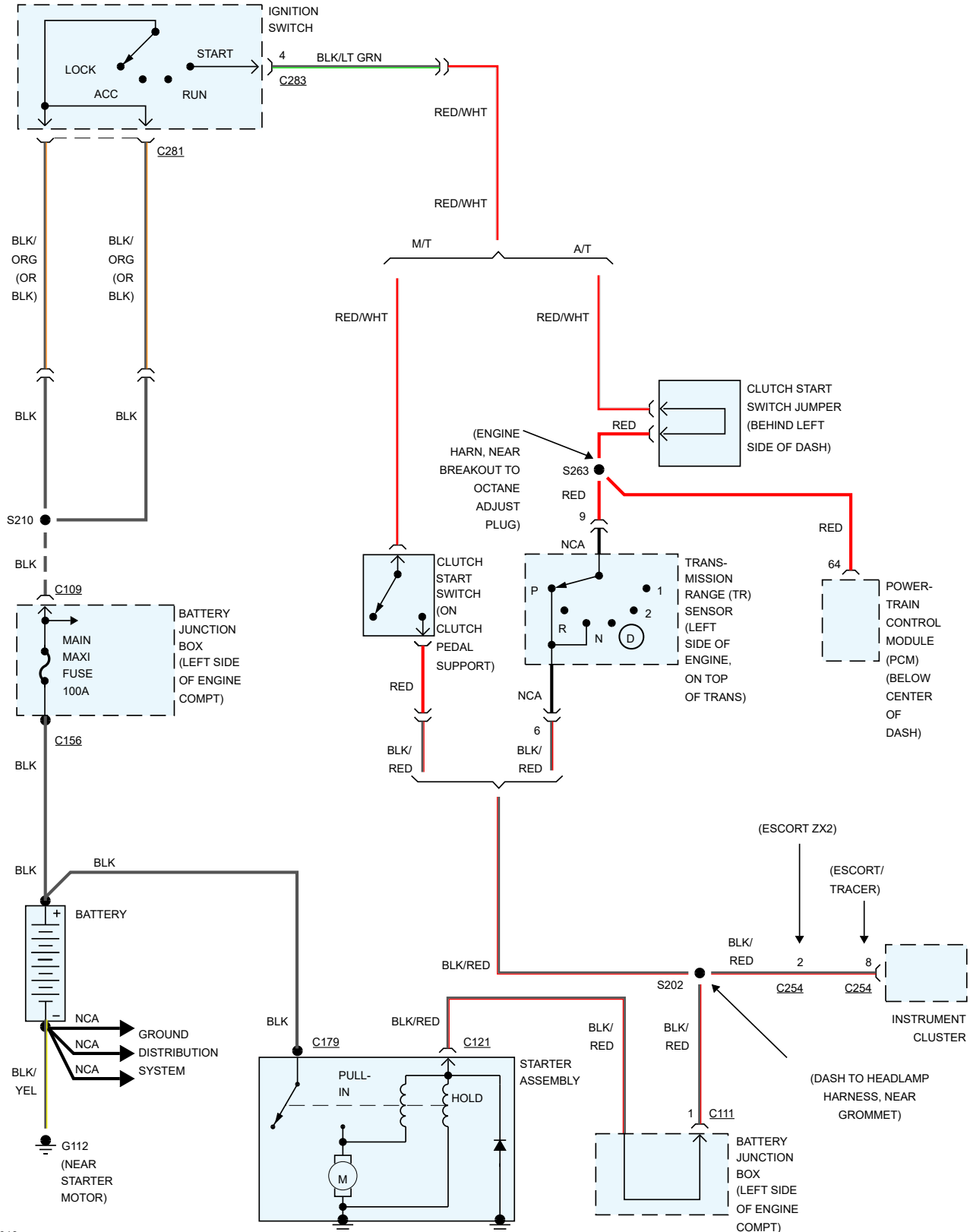
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3

STARTING CHARGING - CHARGING CIRCUIT



114017

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 STARTING CHARGING - STARTING CIRCUIT

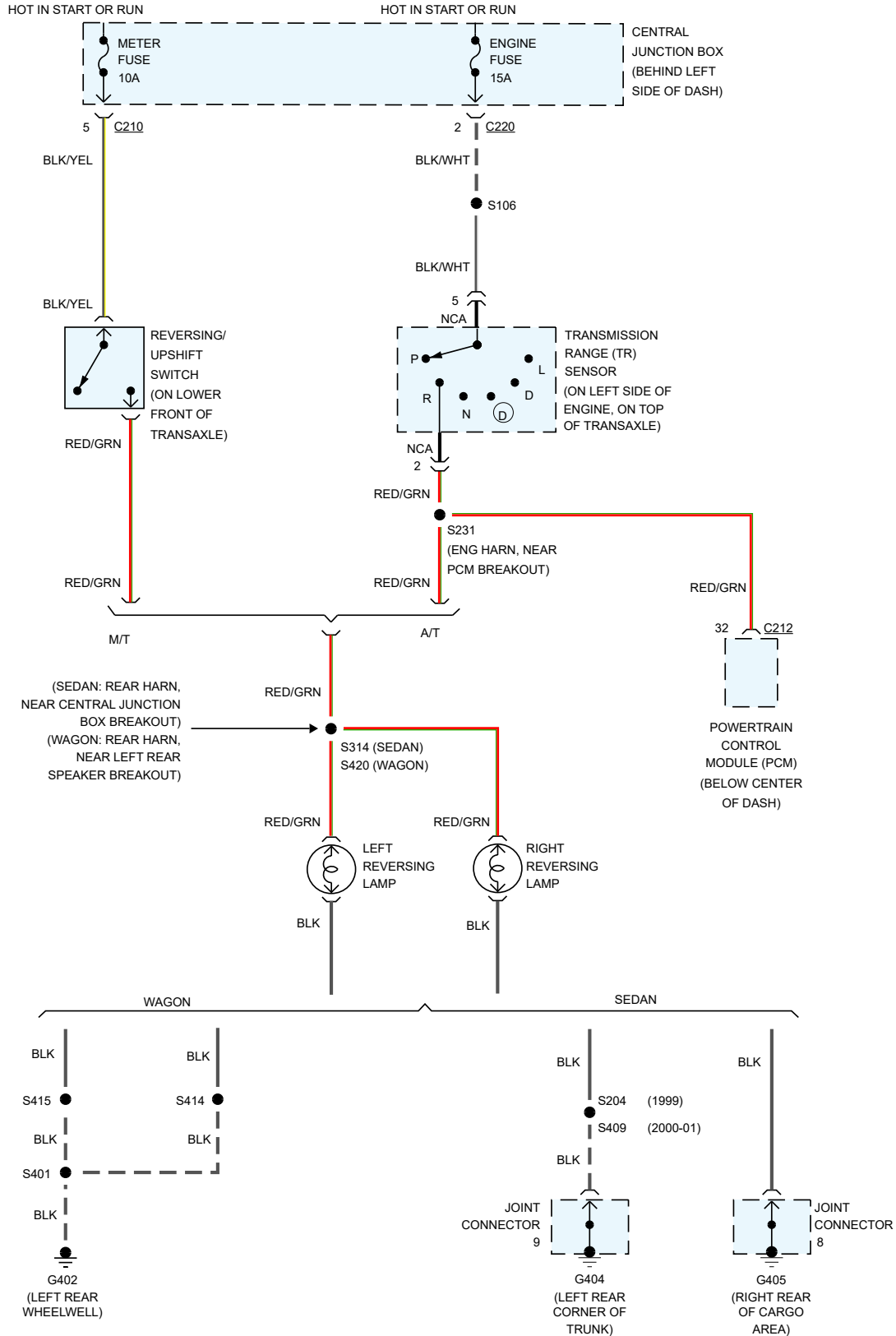


114018

COMPUTER DATA LINES

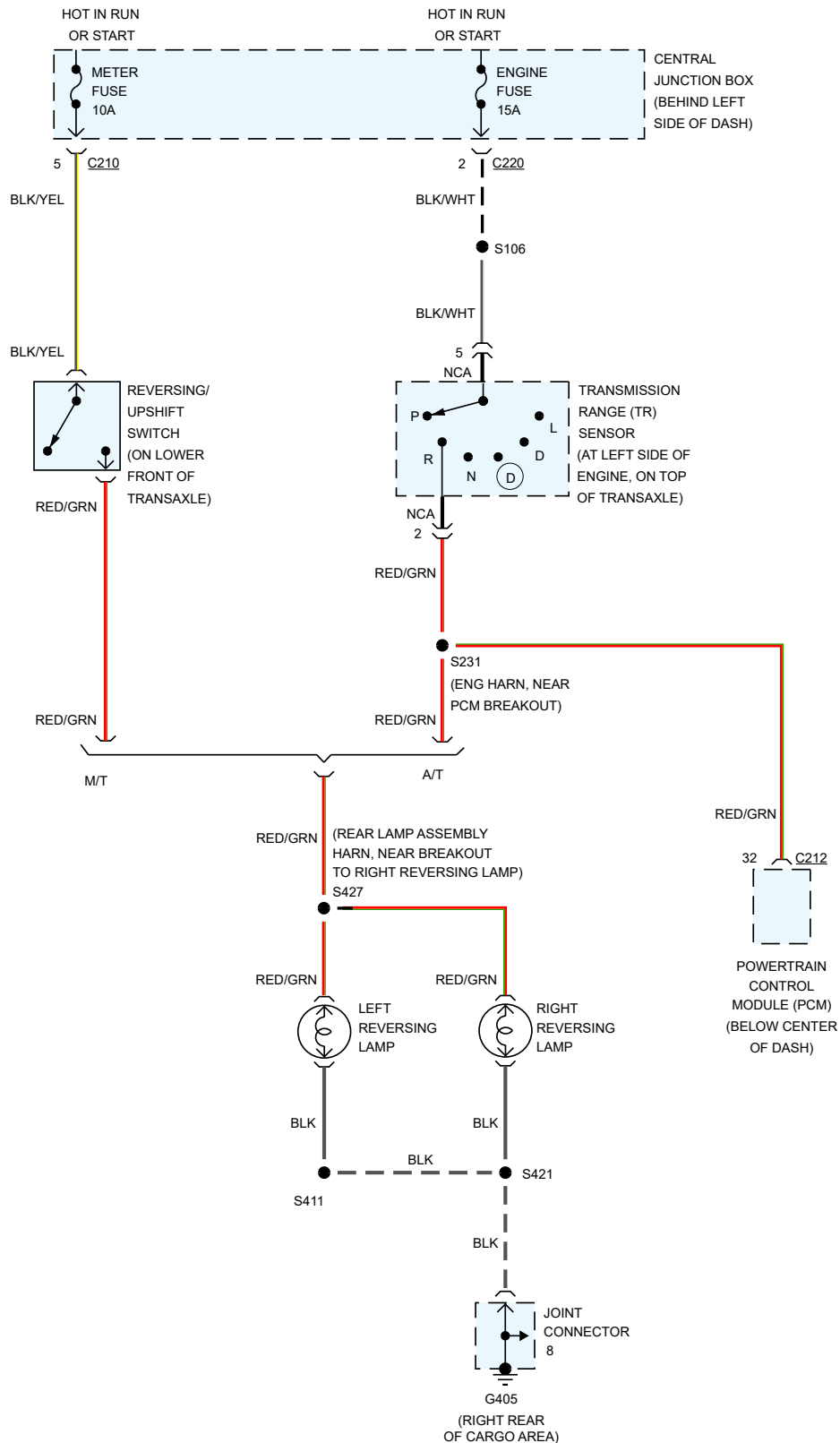


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 EXTERIOR LIGHTS - BACK-UP LAMPS CIRCUIT [LX, SE, ZX2 SR]



112848

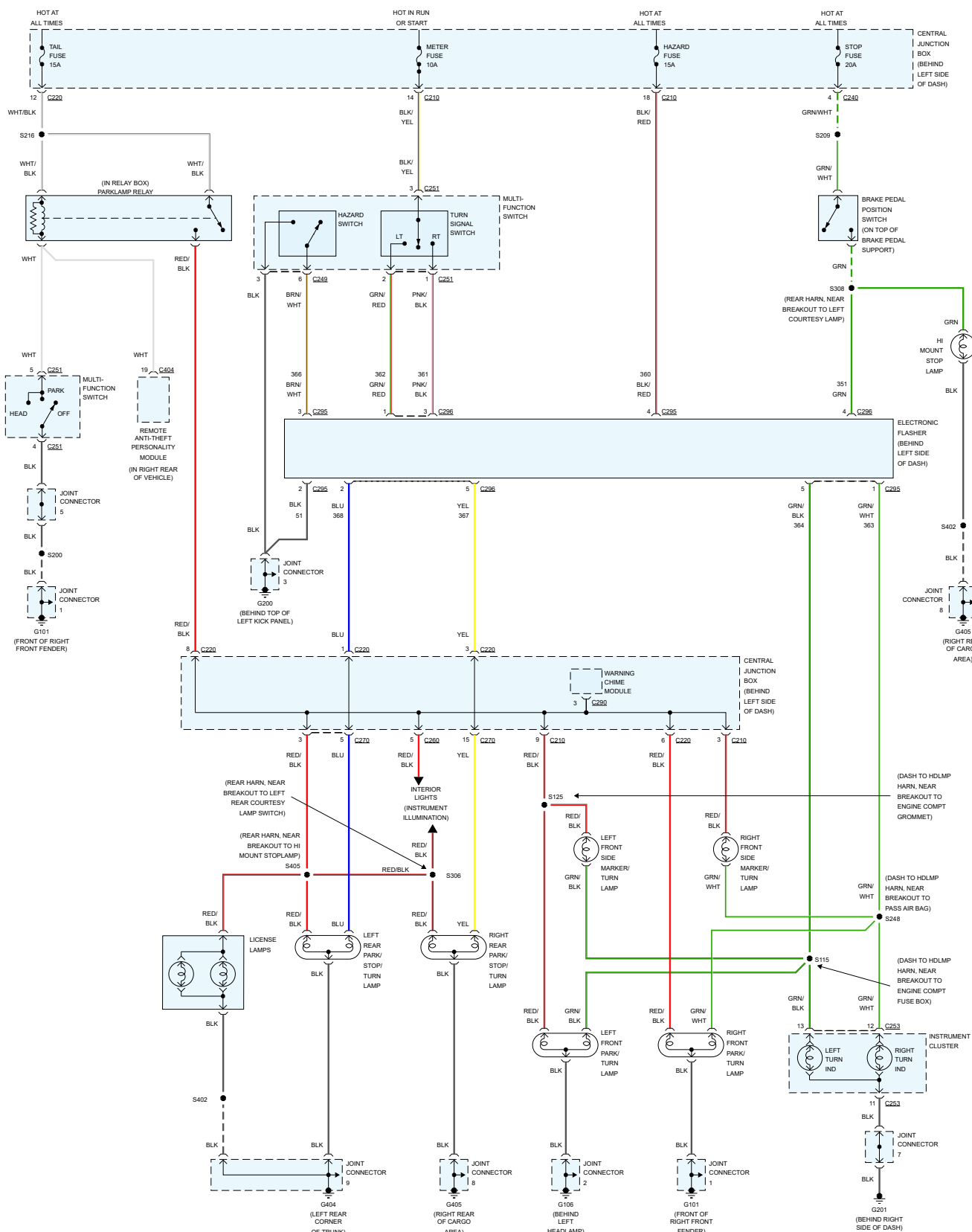
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 EXTERIOR LIGHTS - BACK-UP LAMPS CIRCUIT [ZX2]



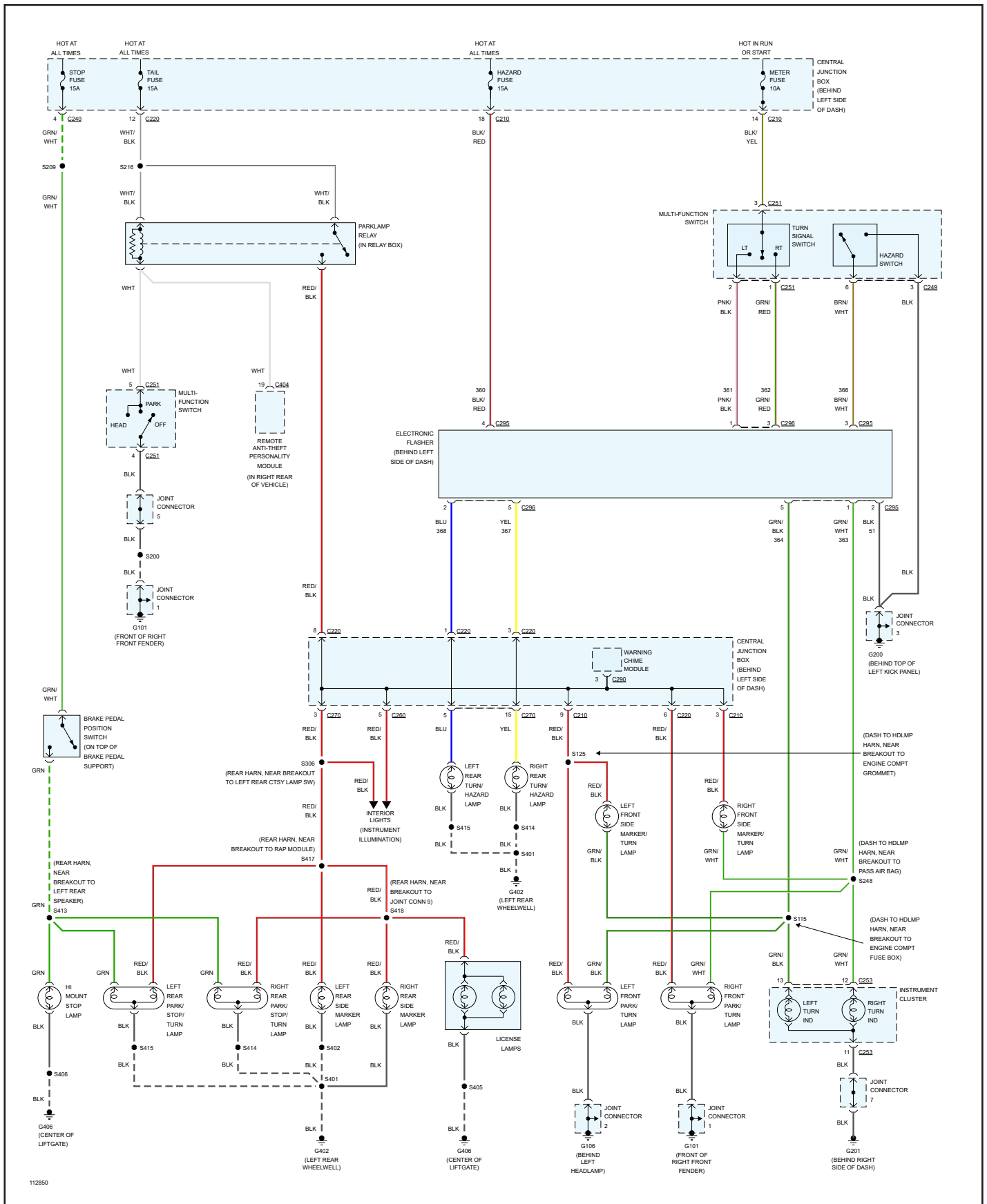
112852

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3

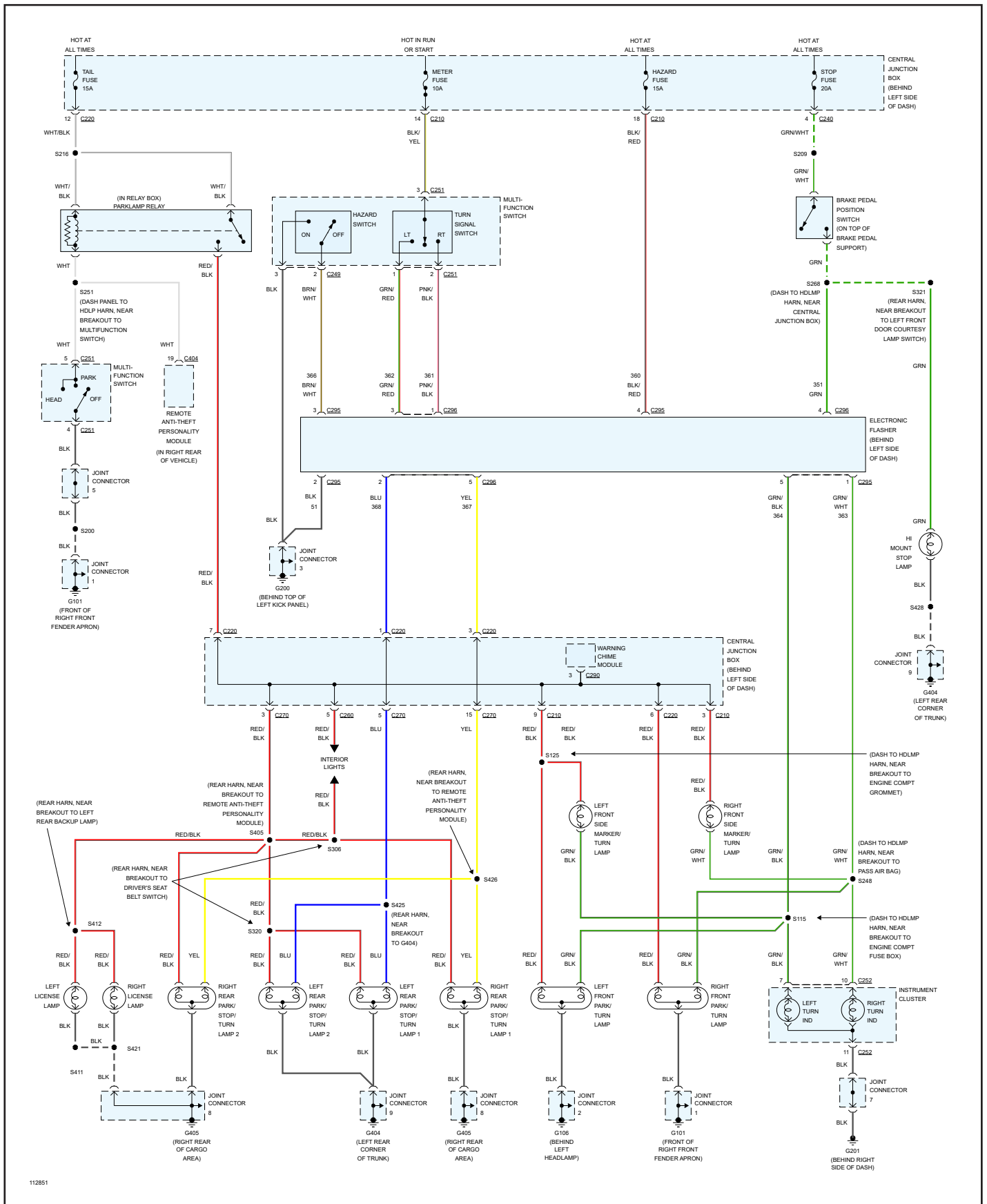
EXTERIOR LIGHTS - EXTERIOR LAMPS CIRCUIT (SEDAN)



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 EXTERIOR LIGHTS - EXTERIOR LAMPS CIRCUIT (WAGON)



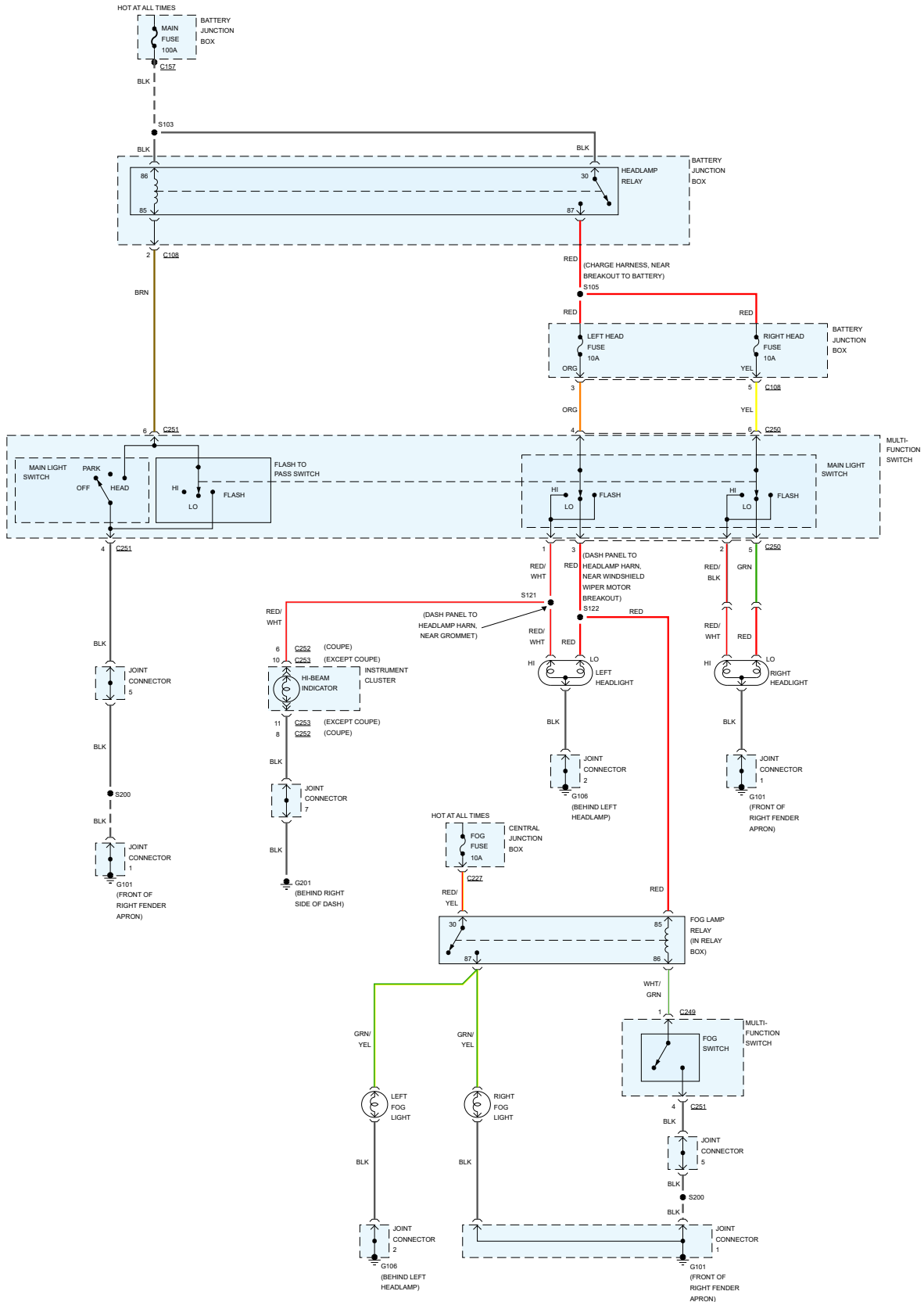
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 EXTERIOR LIGHTS - EXTERIOR LAMPS CIRCUIT



HEADLIGHTS - W/DRL

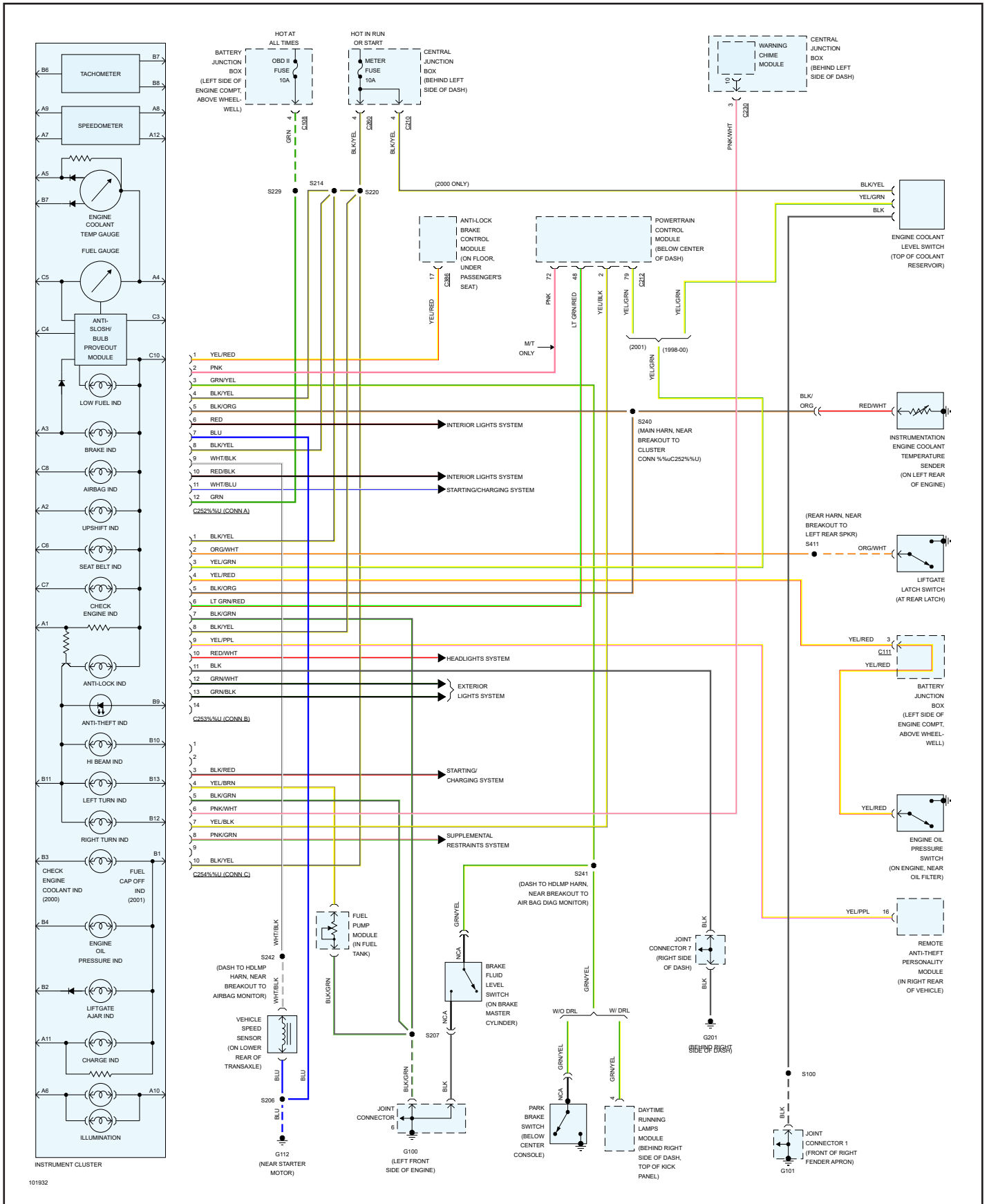


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 HEADLIGHTS - W/O DRL



112956

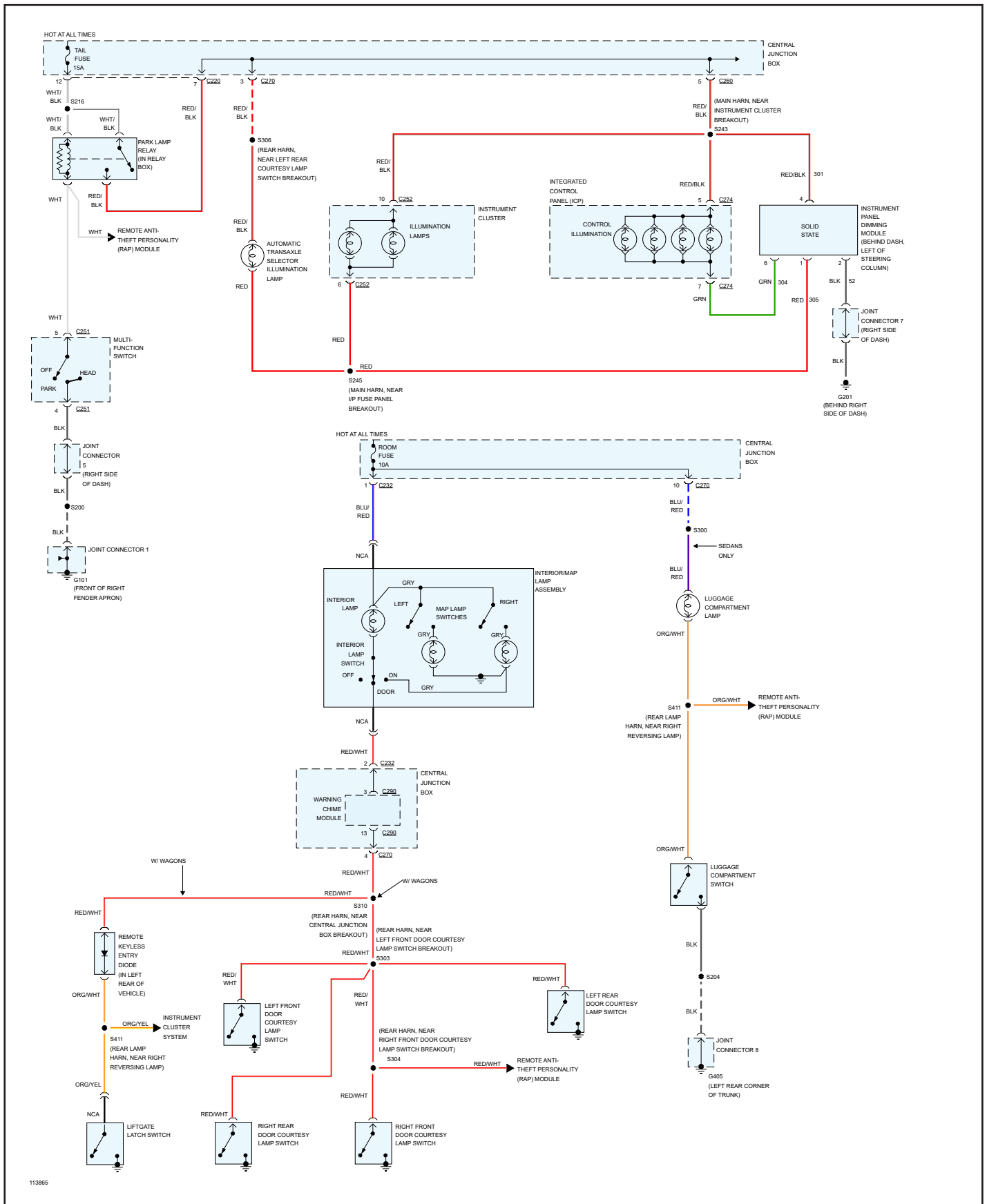
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 INSTRUMENT CLUSTER [LX, SE, ZX2 S R]



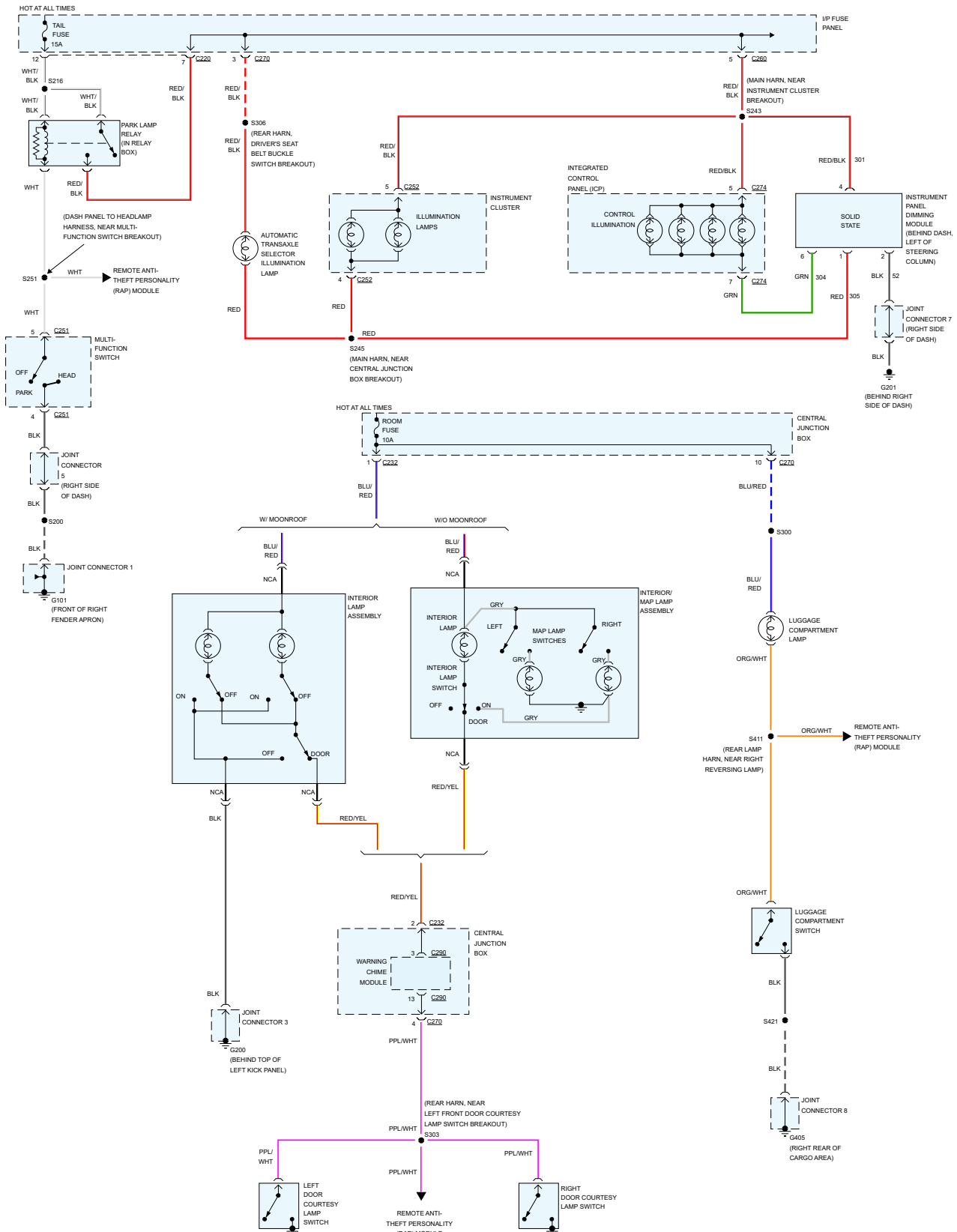
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3
INSTRUMENT CLUSTER [ZX2]



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 INTERIOR LIGHTS [LX, SE, ZX2 SR]

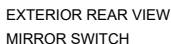


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 INTERIOR LIGHTS [ZX2]



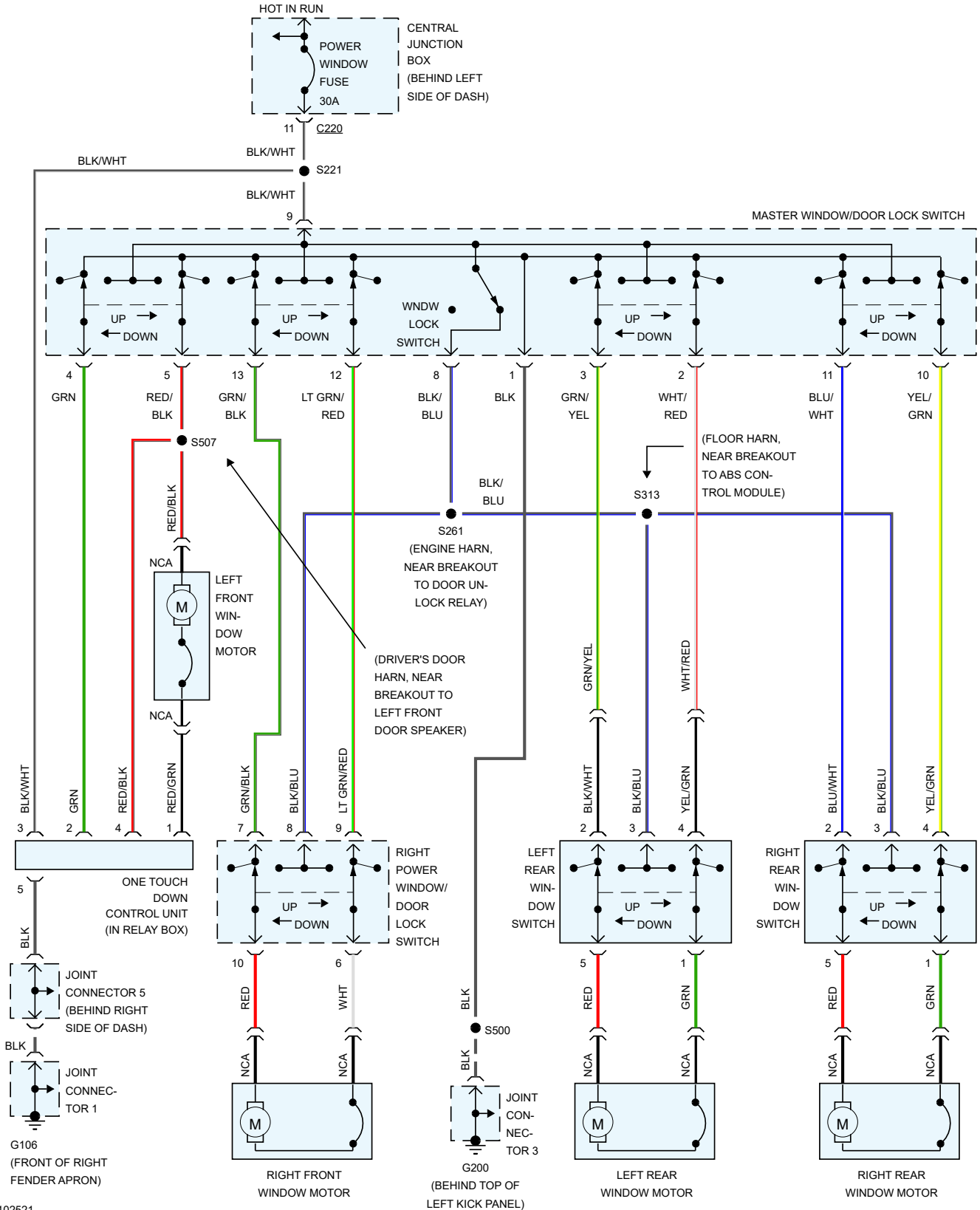
113866

MIRRORS



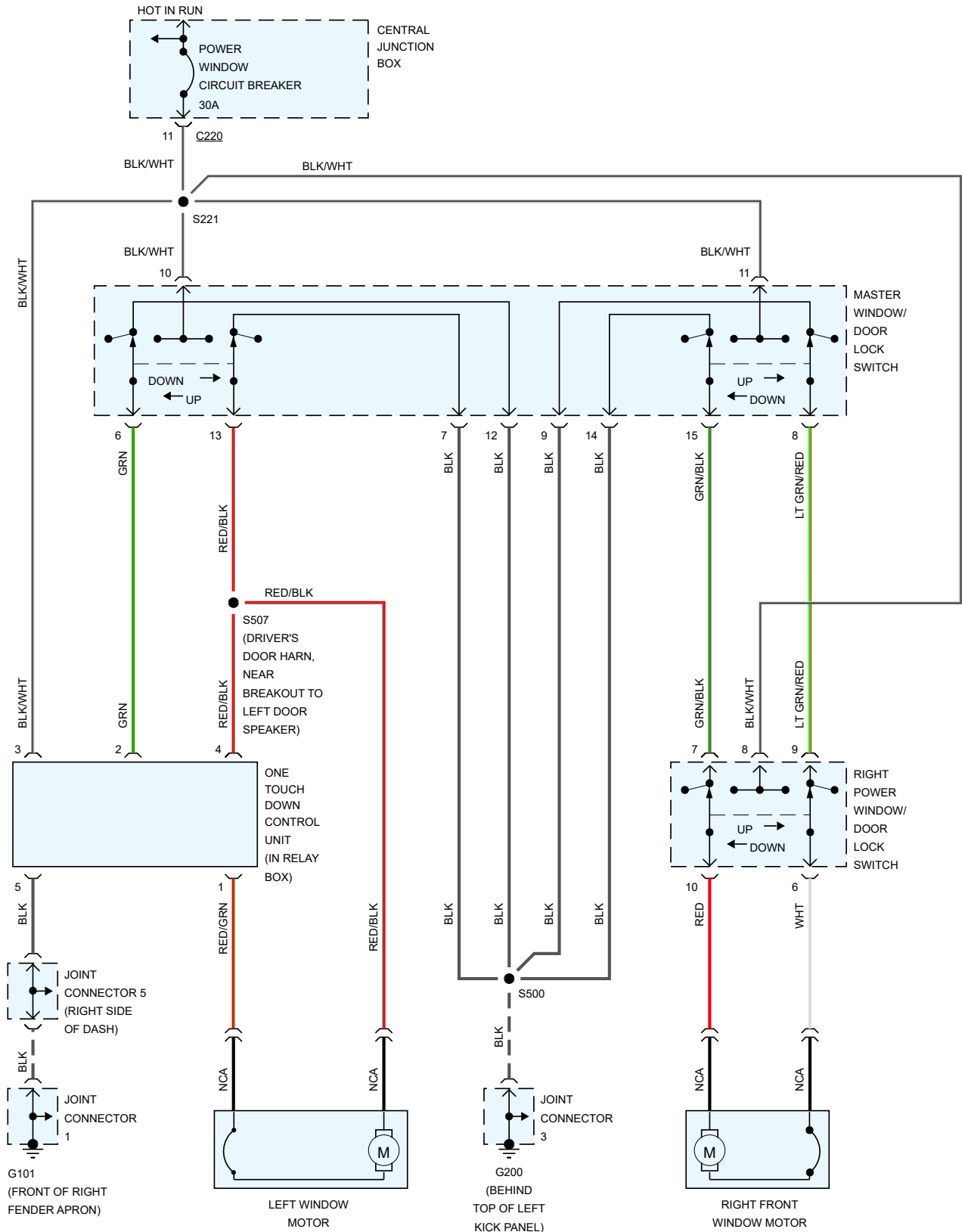
114630

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 POWER WINDOWS [LX, SE, ZX2 S R]



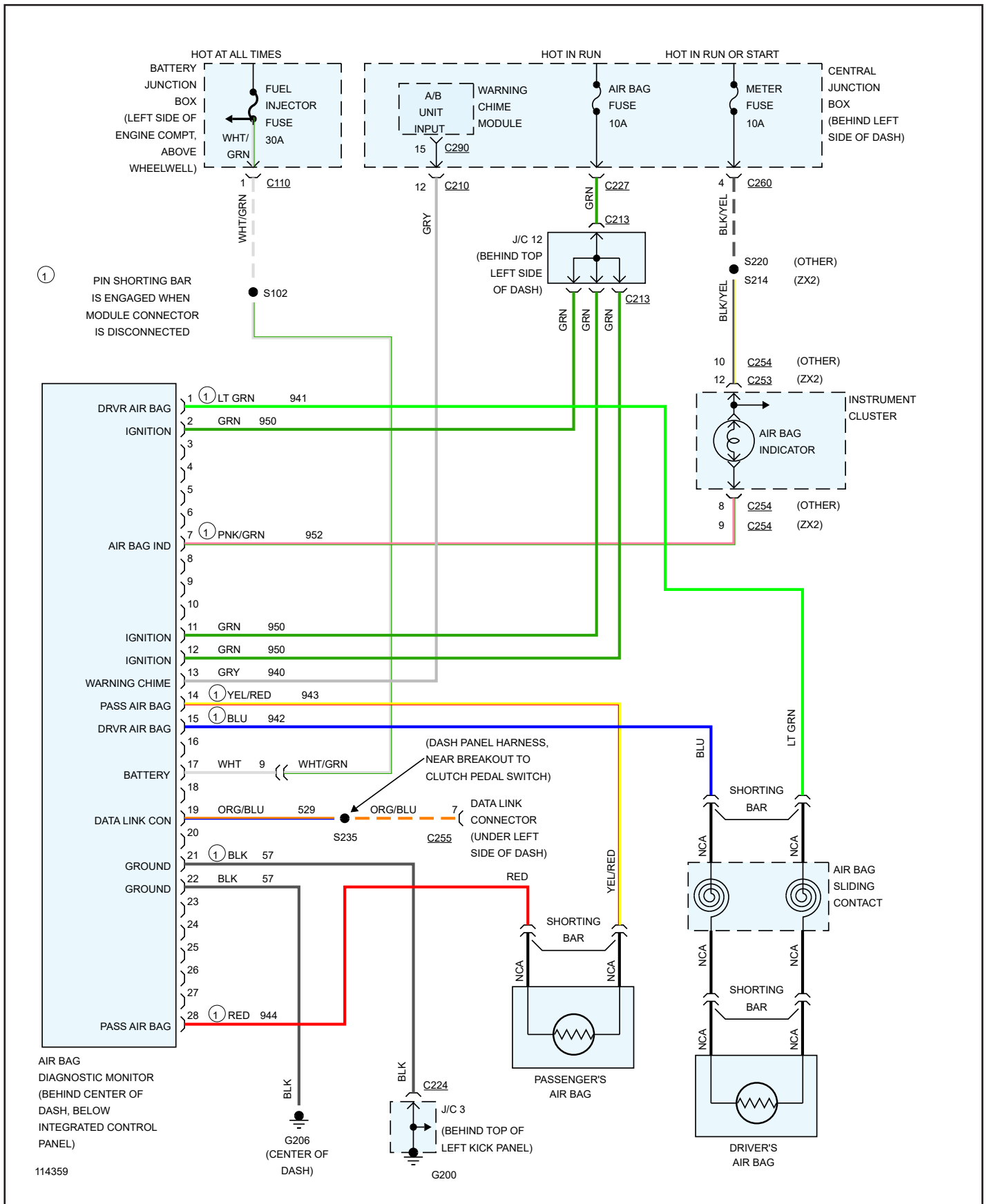
102521

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 POWER WINDOWS [ZX2]



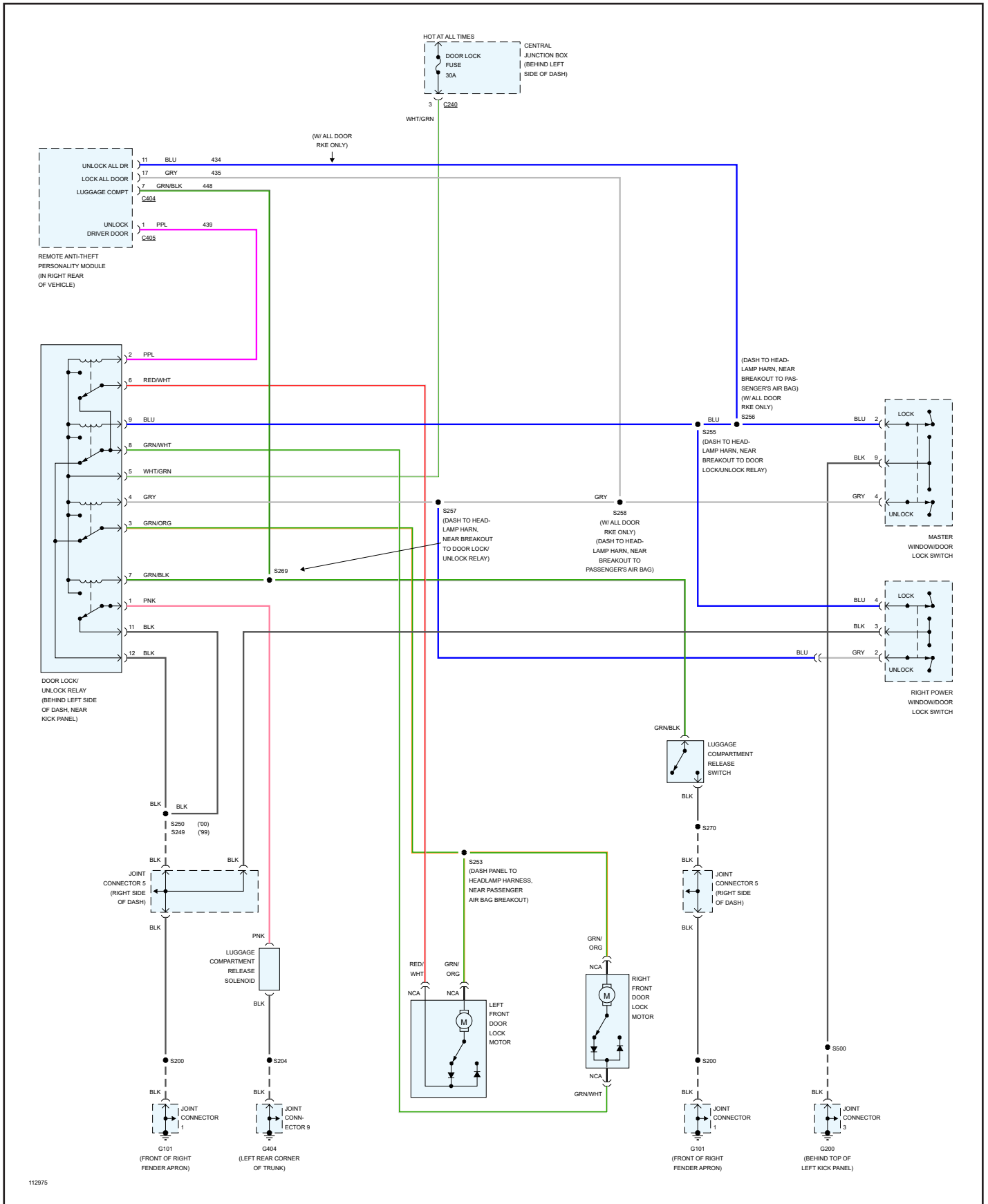
102522

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 SUPPLEMENTAL RESTRAINTS

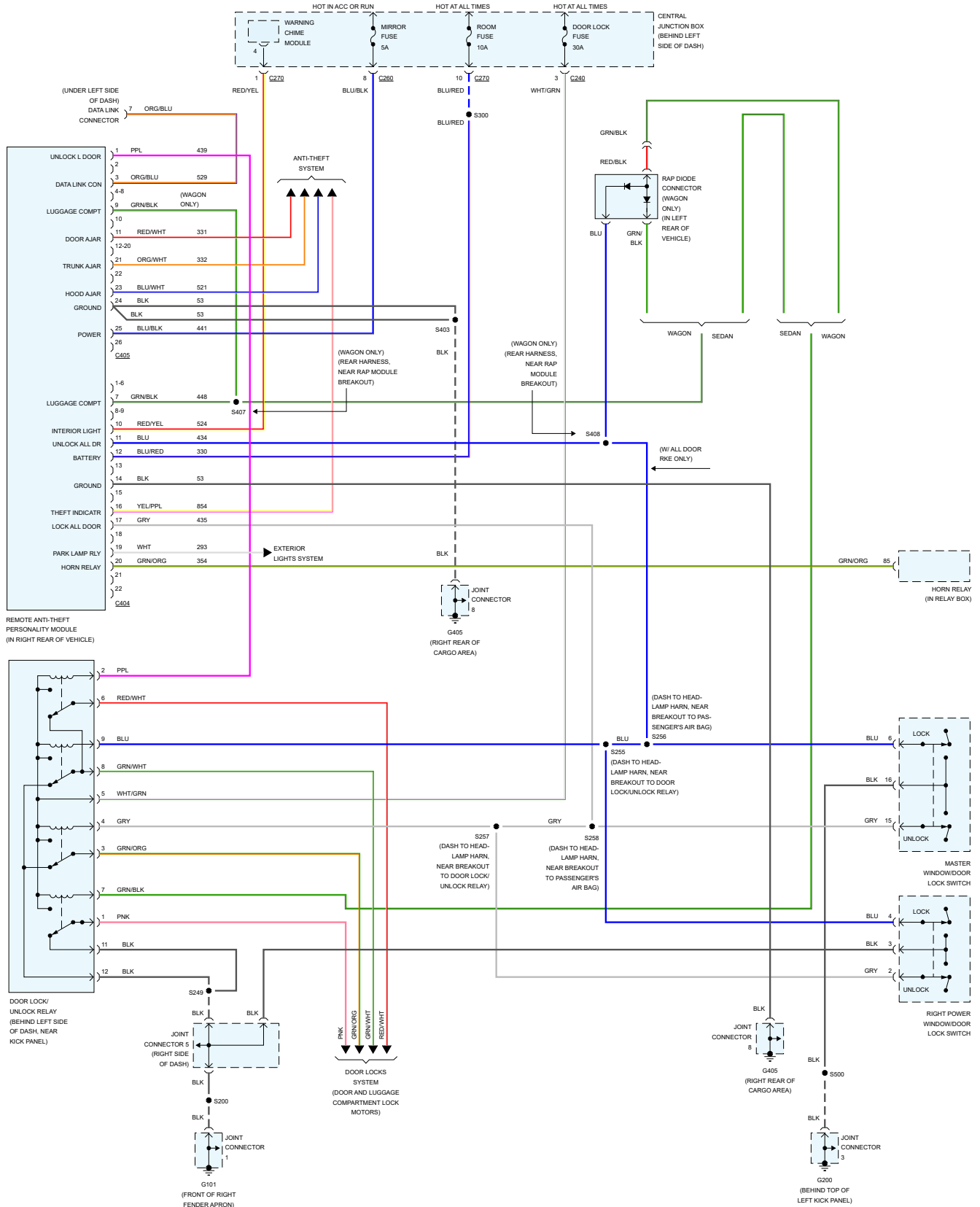


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3

DOOR LOCKS - DOOR LOCK CIRCUIT [ZX2]

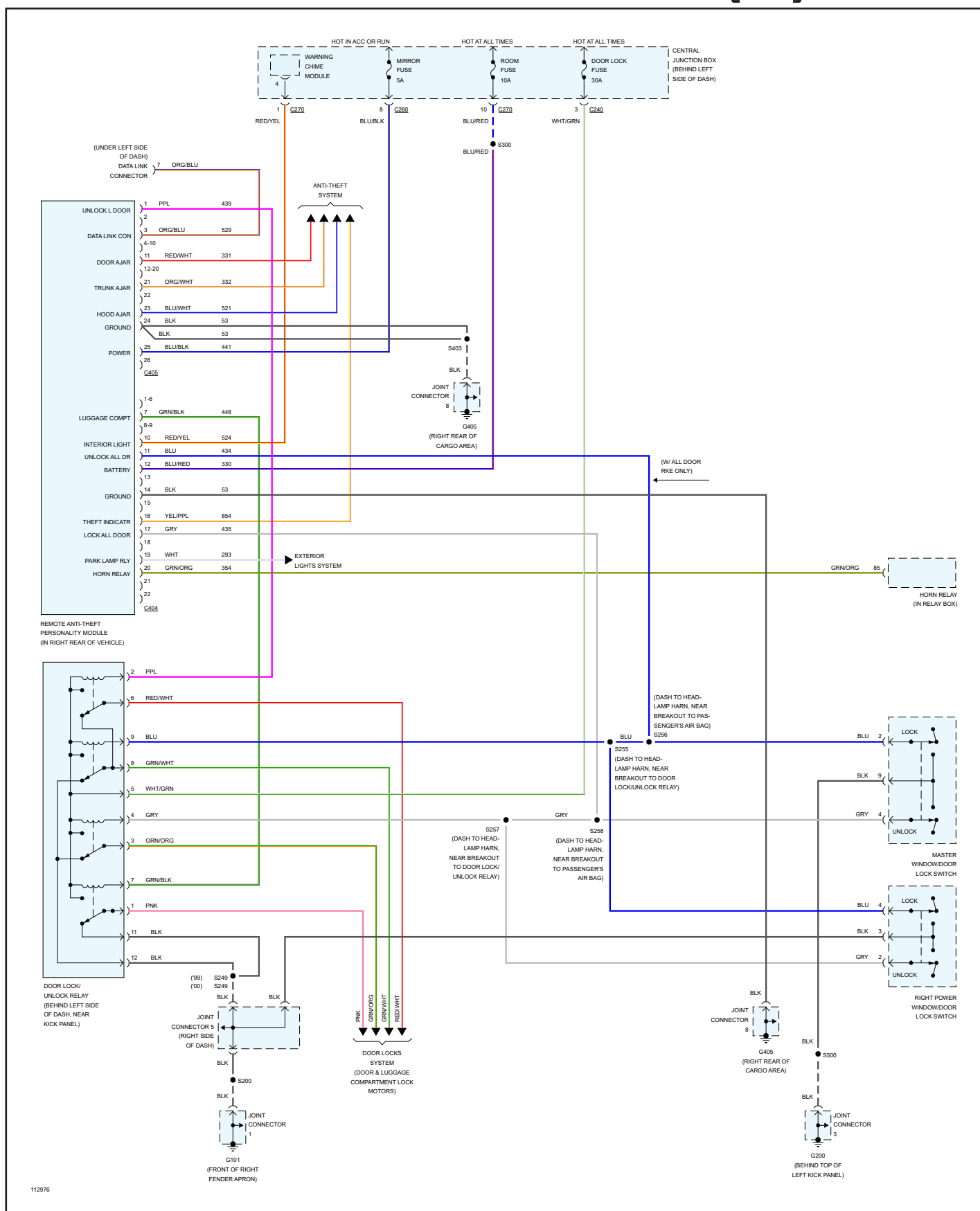


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 DOOR LOCKS - KEYLESS ENTRY CIRCUIT (LX, SE, ZX2 S R)

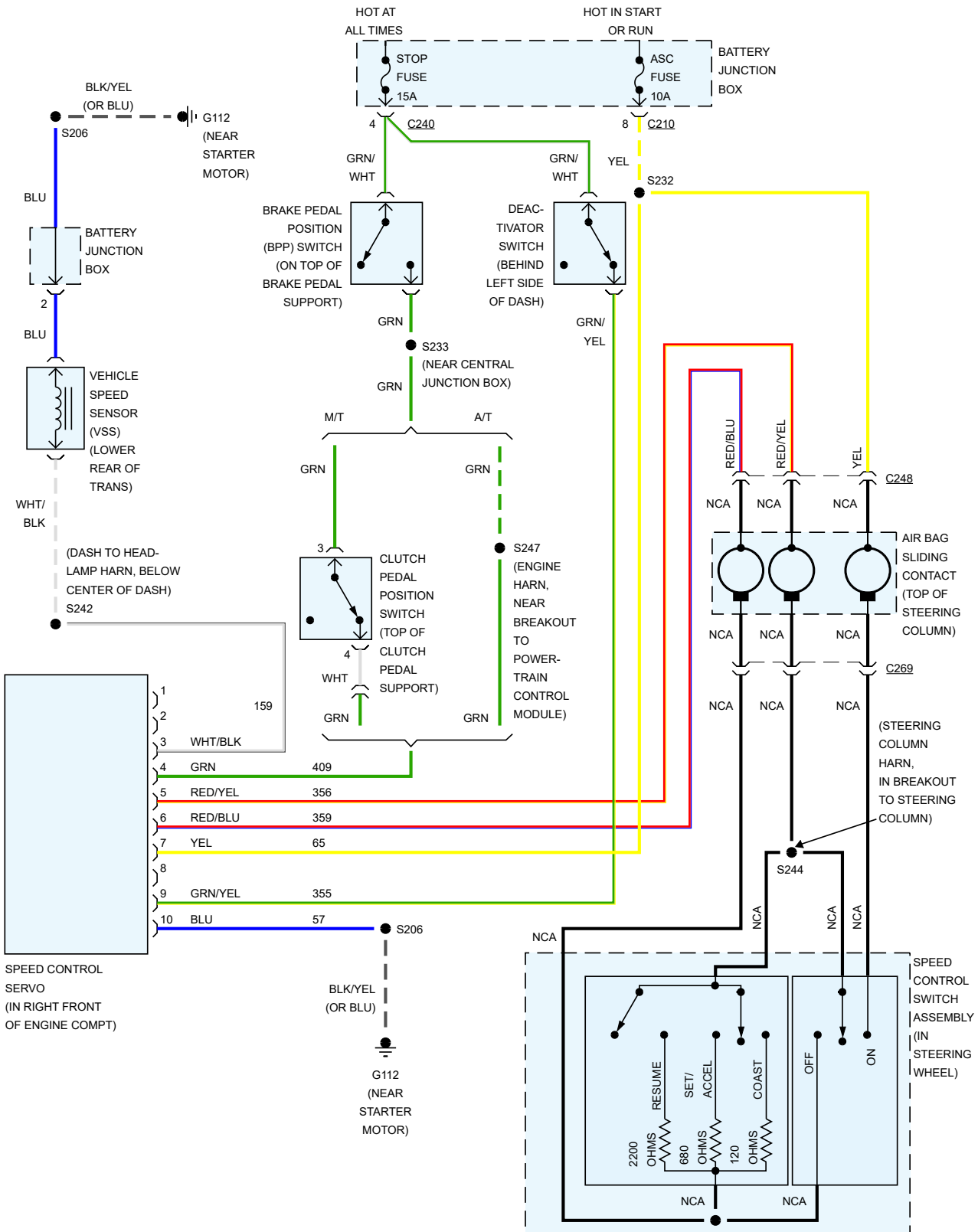


112974

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 DOOR LOCKS - KEYLESS ENTRY CIRCUIT [ZX2]



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 CRUISE CONTROL

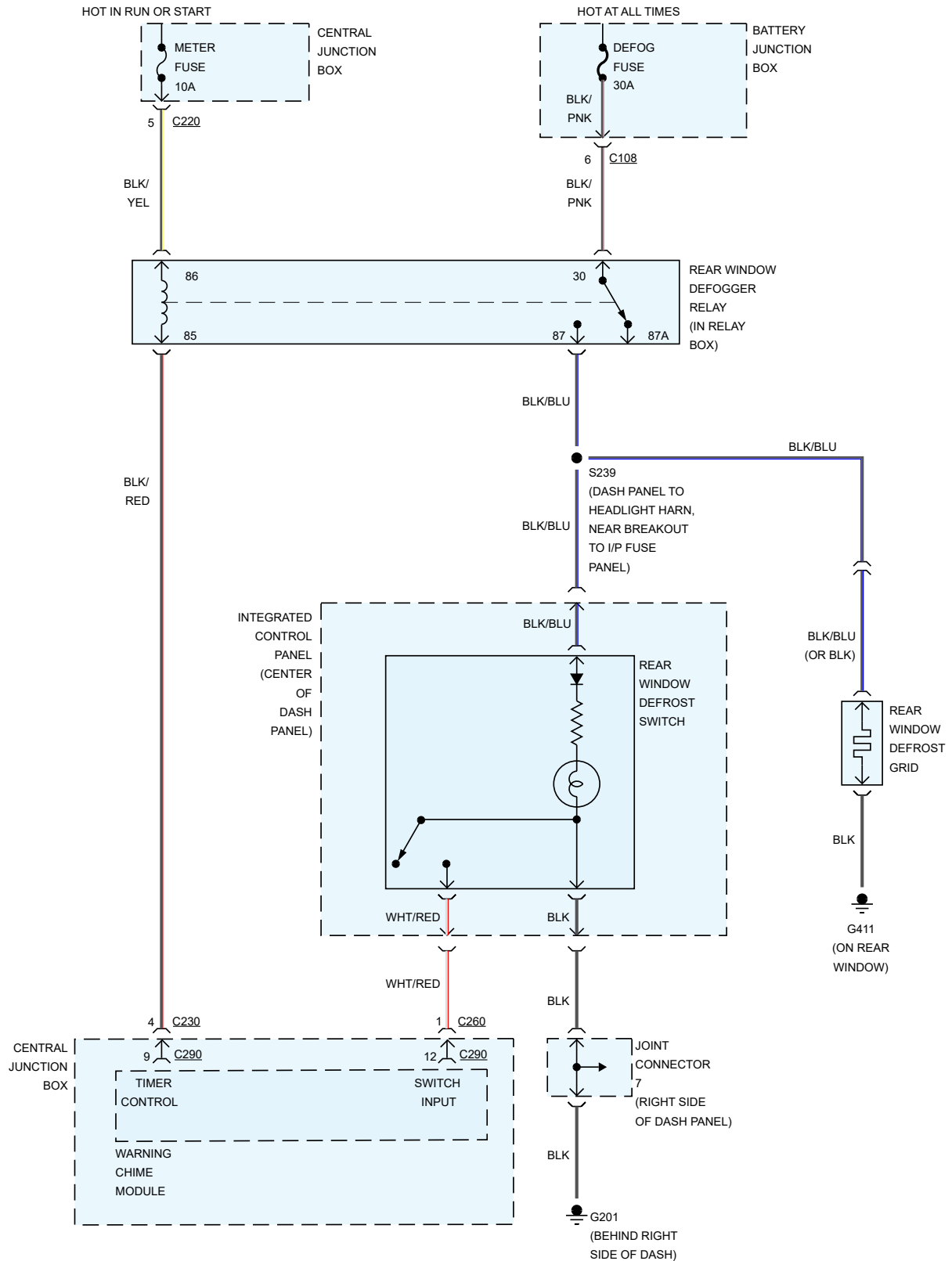


114399

HORNS

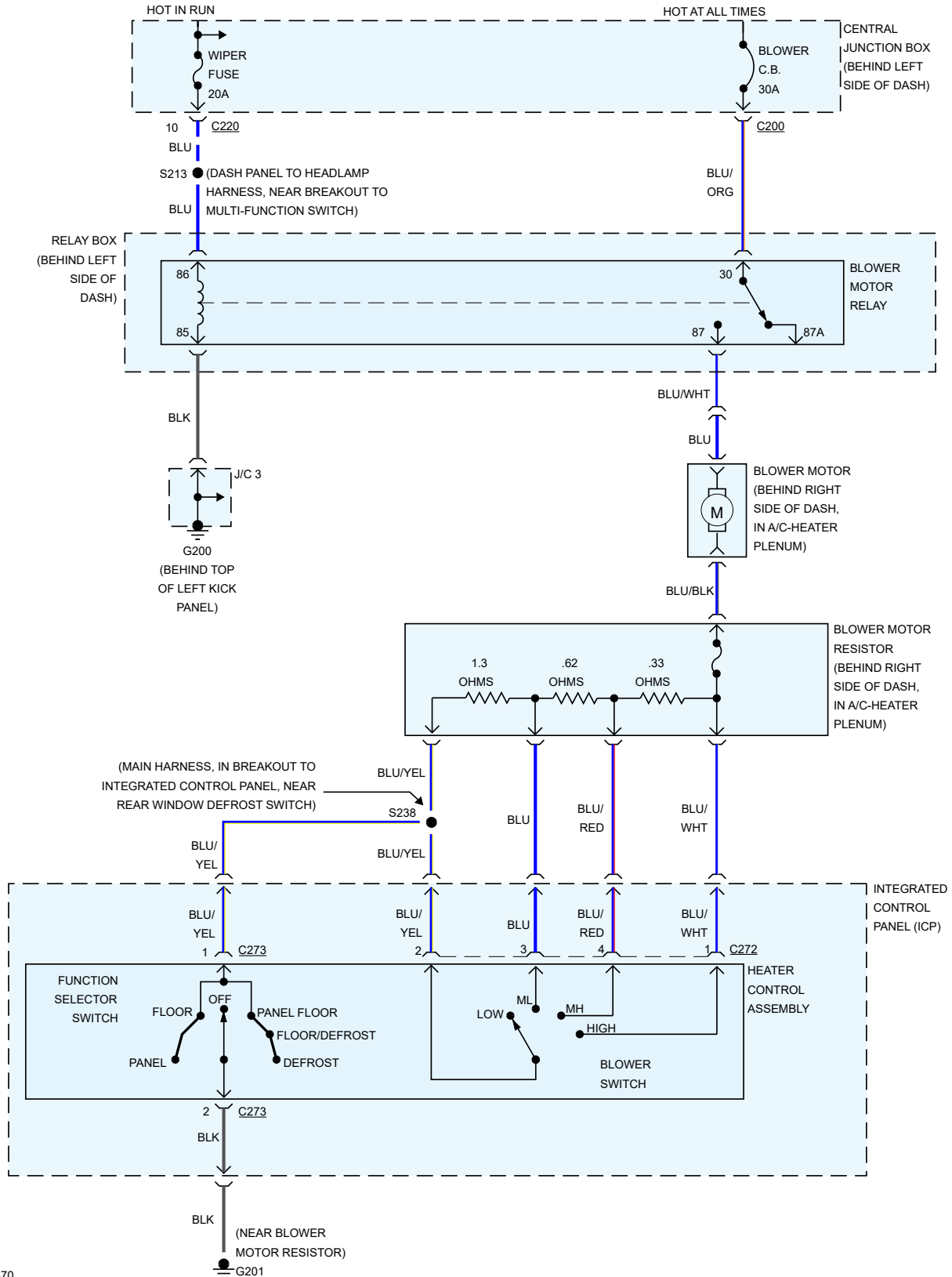


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 DEFOGGER



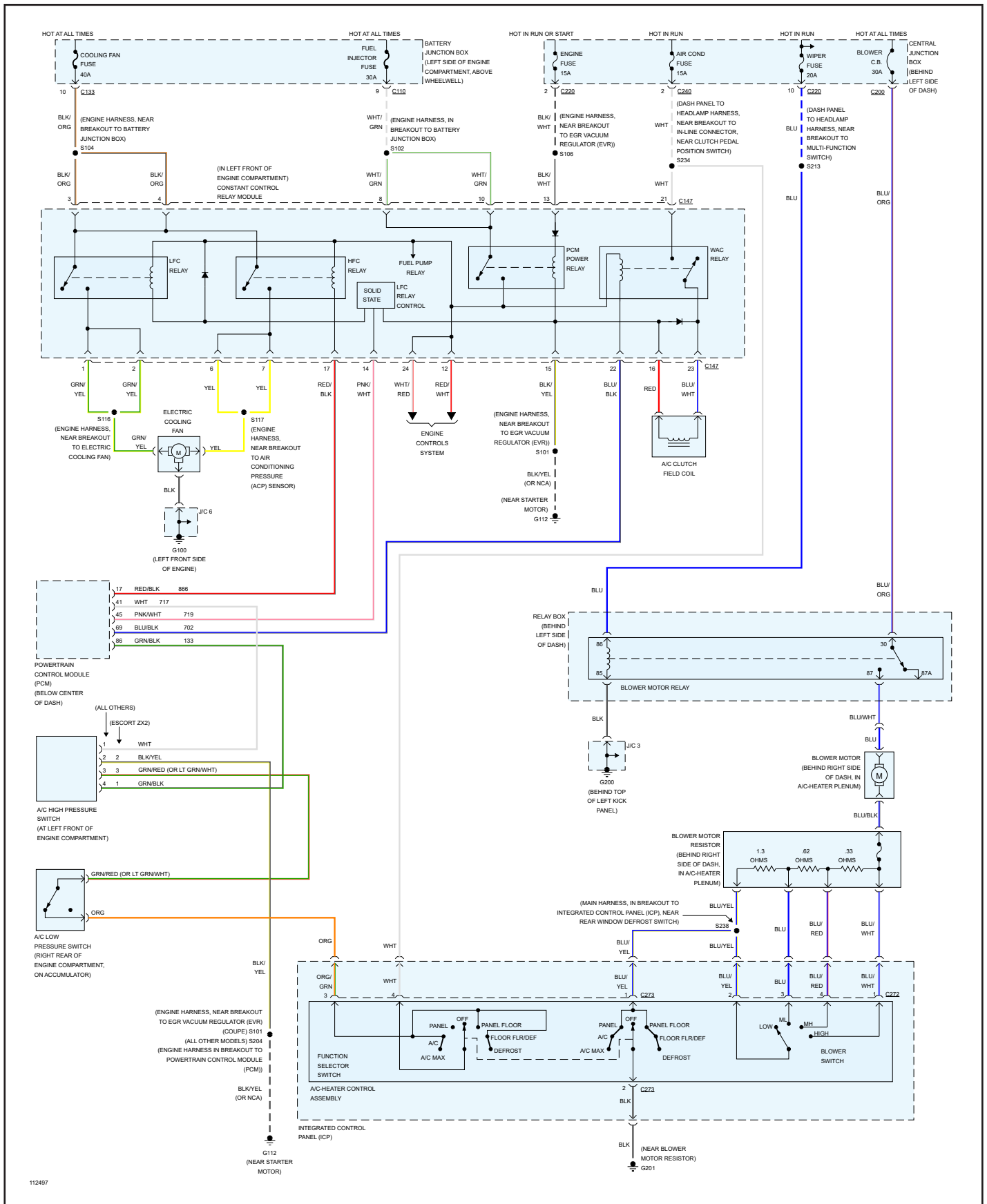
114843

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 AIR CONDITIONING - HEATER CIRCUIT

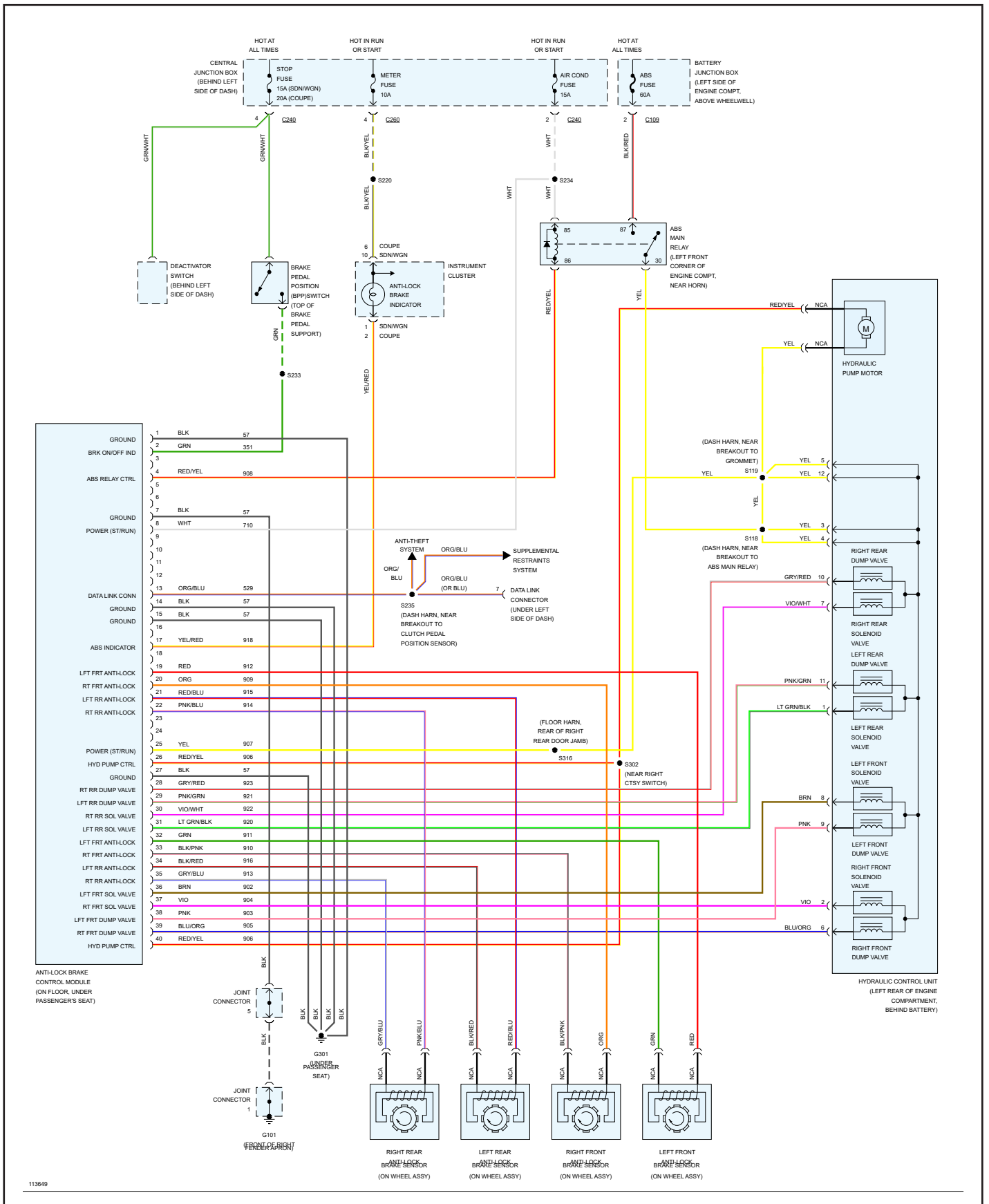


112470

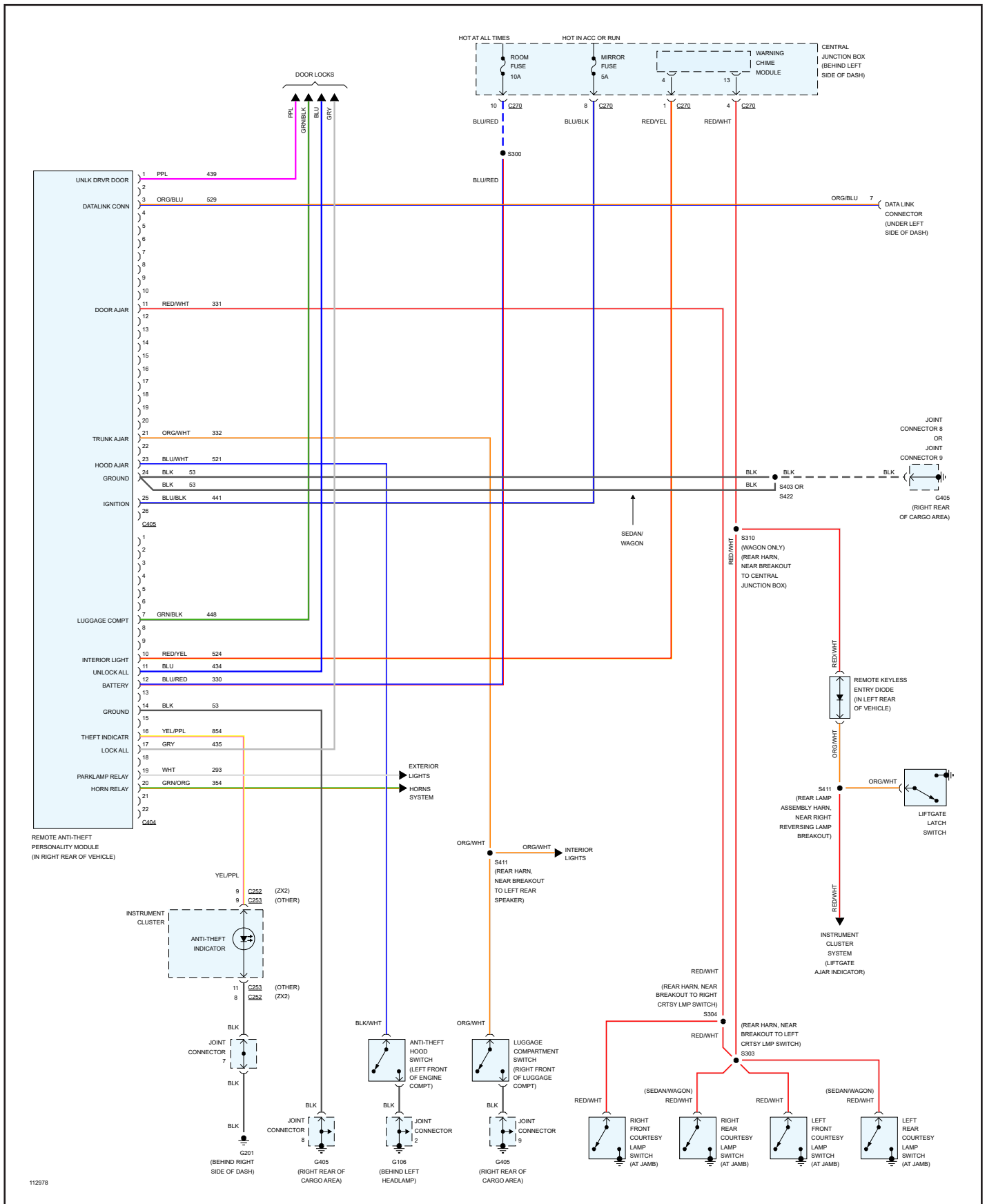
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3
AIR CONDITIONING - MANUAL A/C CIRCUIT



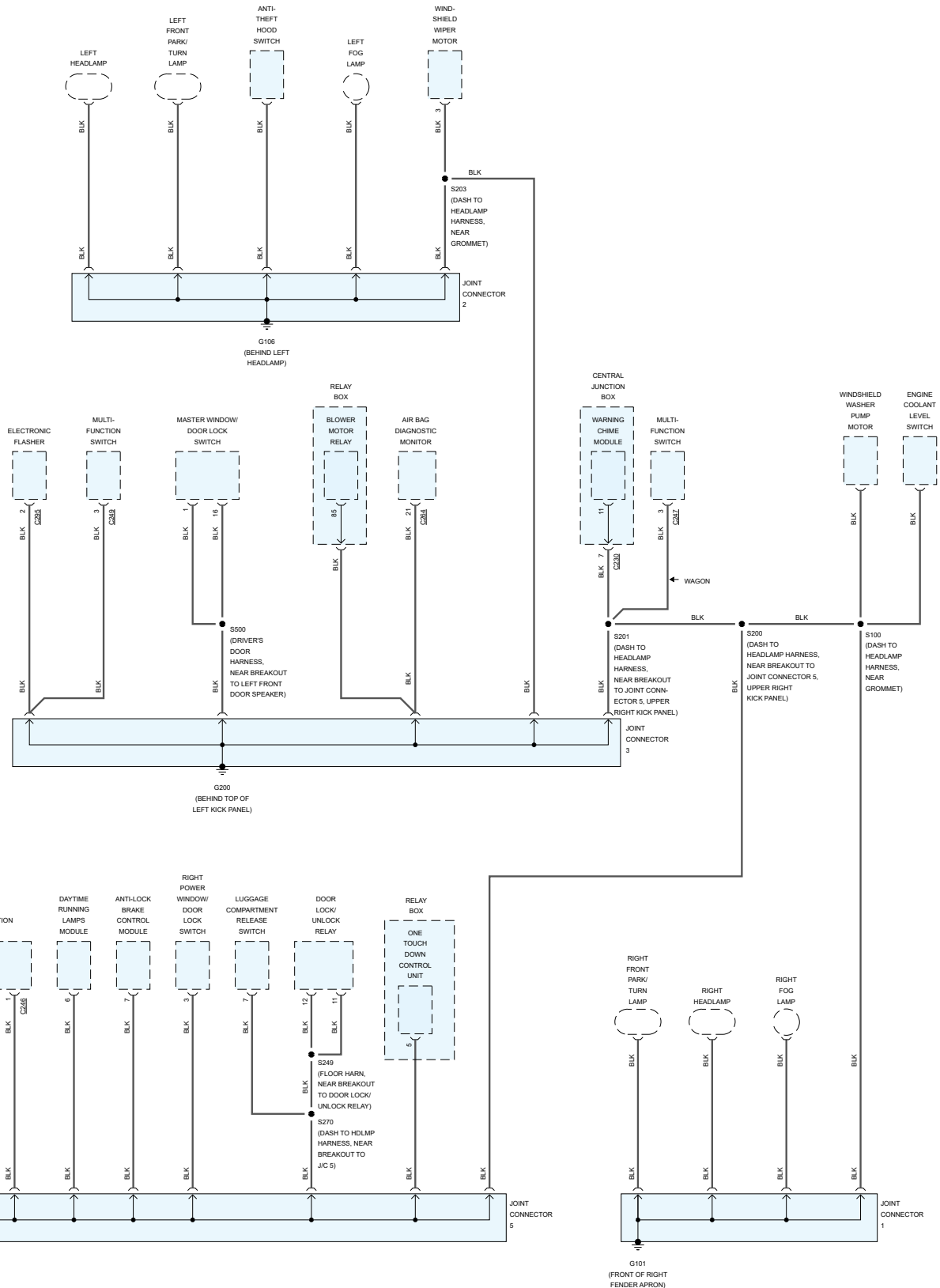
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 ANTI-LOCK BRAKES



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 ANTI-THEFT

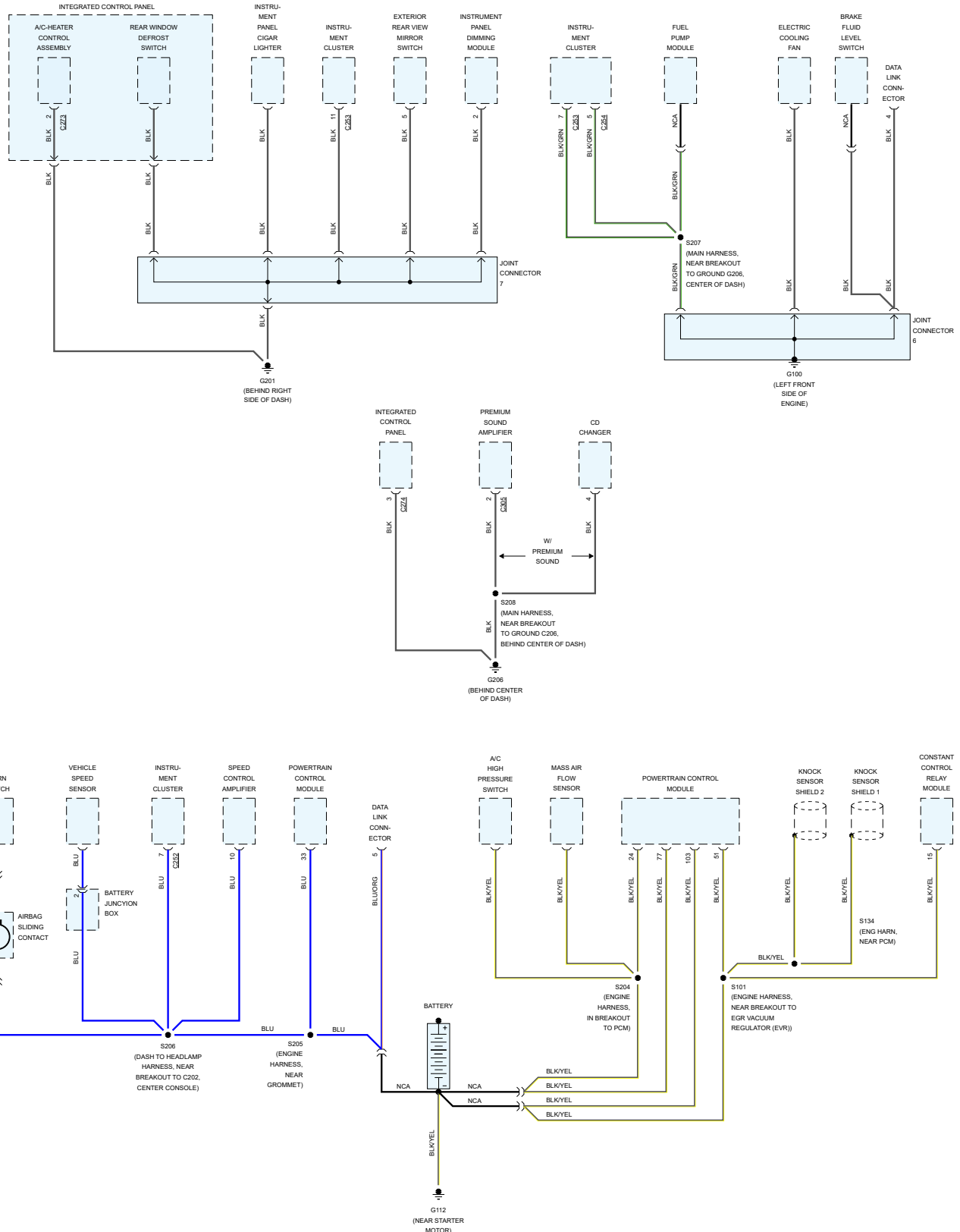


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 GROUND DISTRIBUTION [LX, SE, ZX2 S R]

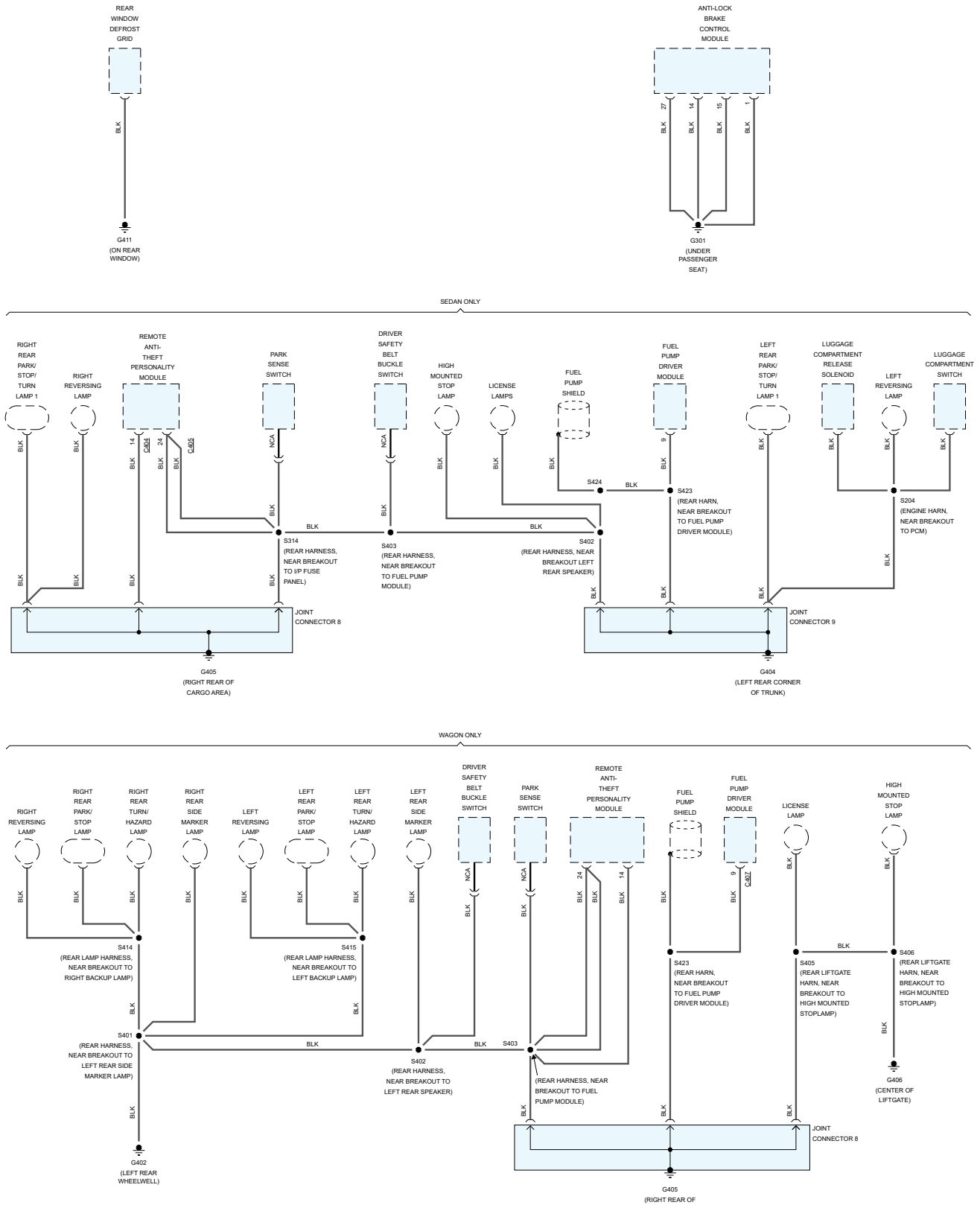


112431

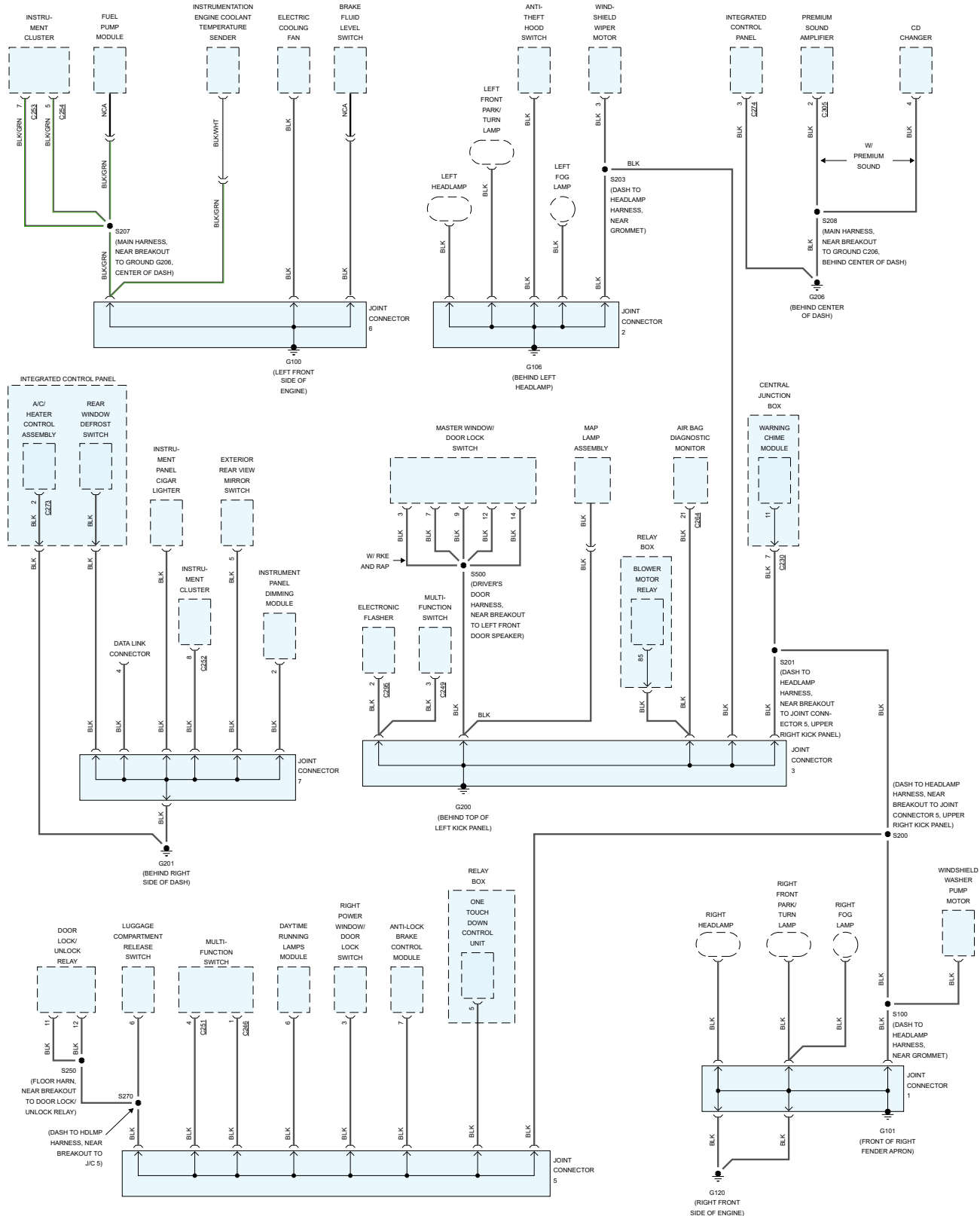
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 GROUND DISTRIBUTION [LX, SE, ZX2 S R]



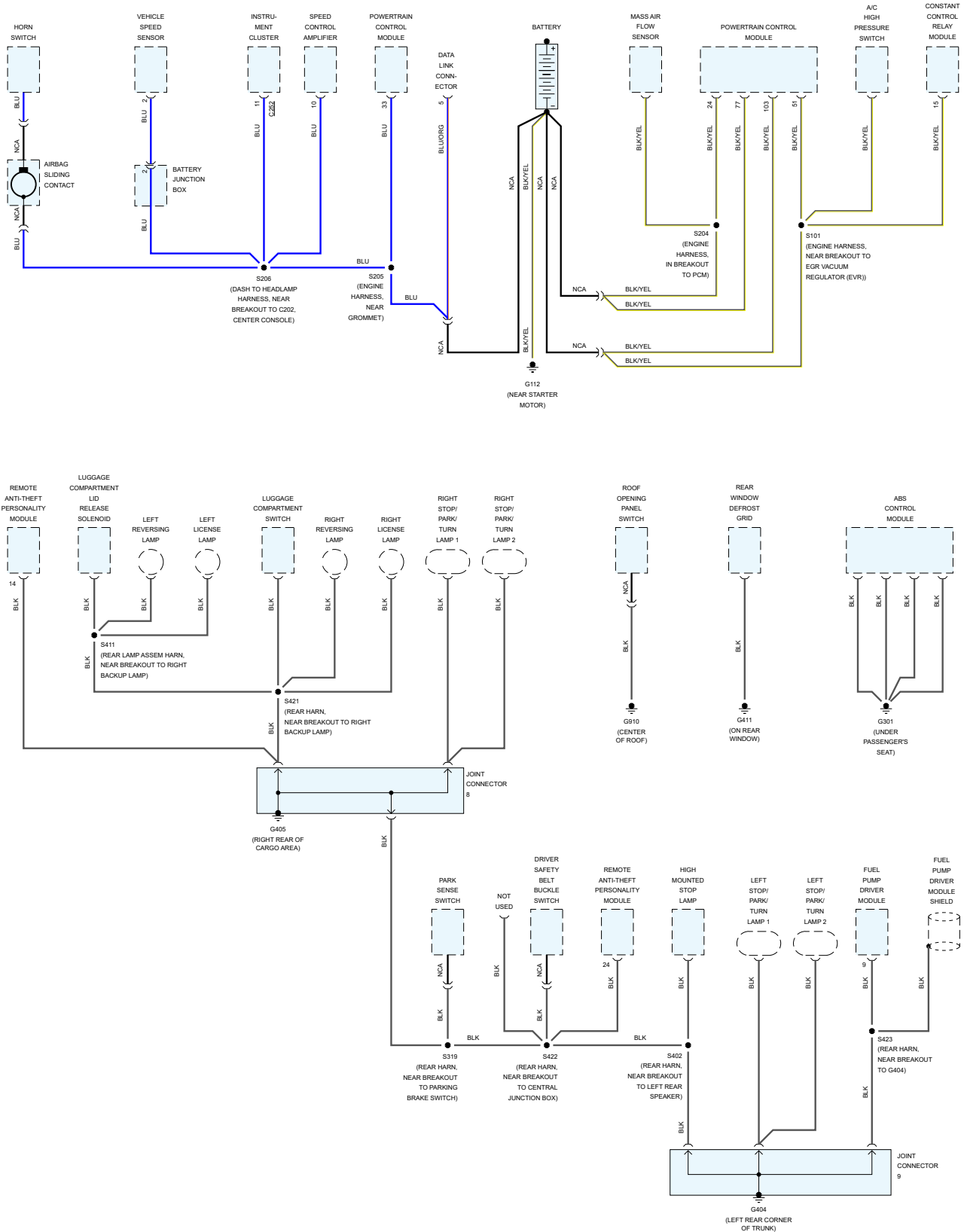
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 GROUND DISTRIBUTION [LX, SE, ZX2 S R]



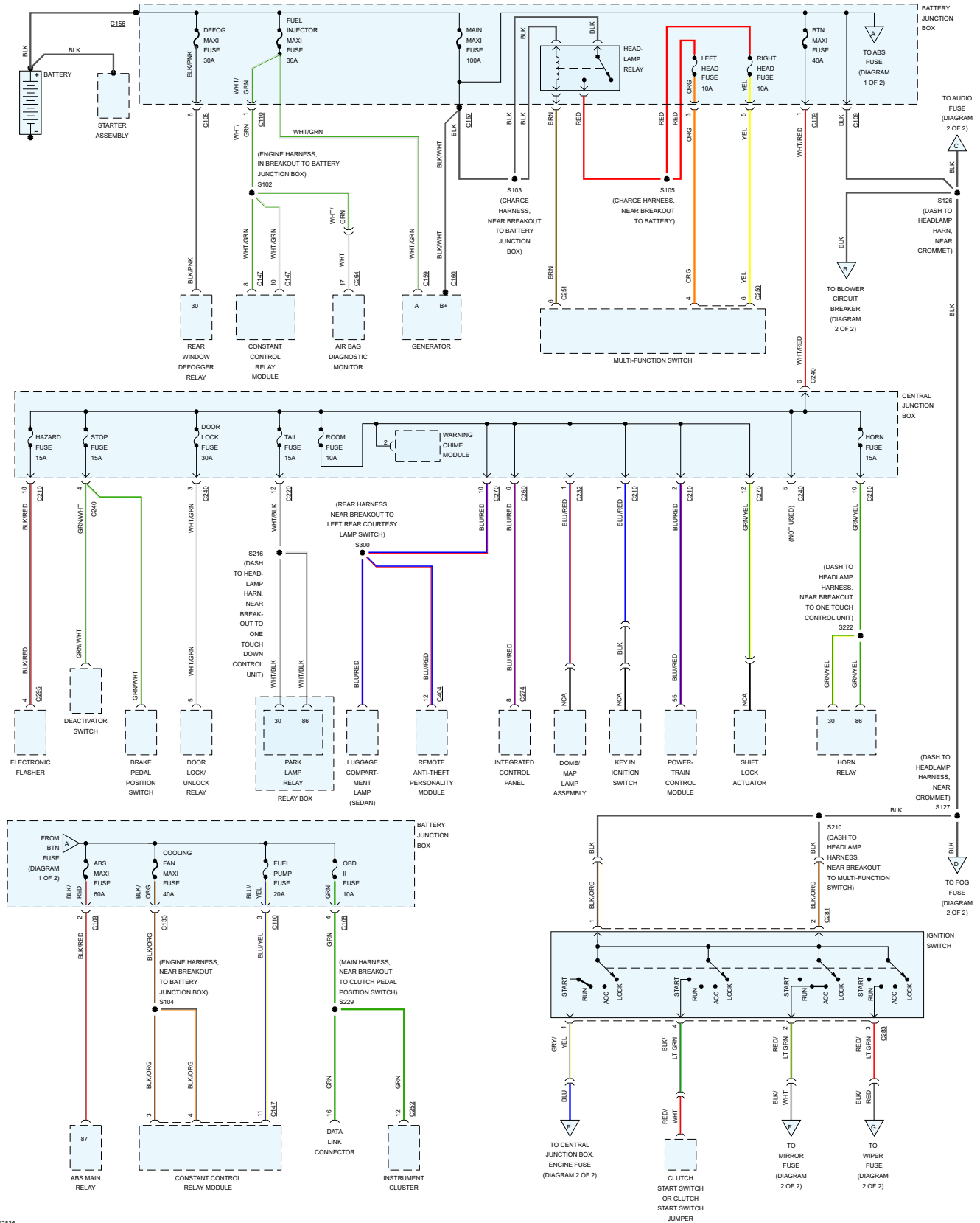
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 GROUND DISTRIBUTION [ZX2]



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 GROUND DISTRIBUTION [ZX2]

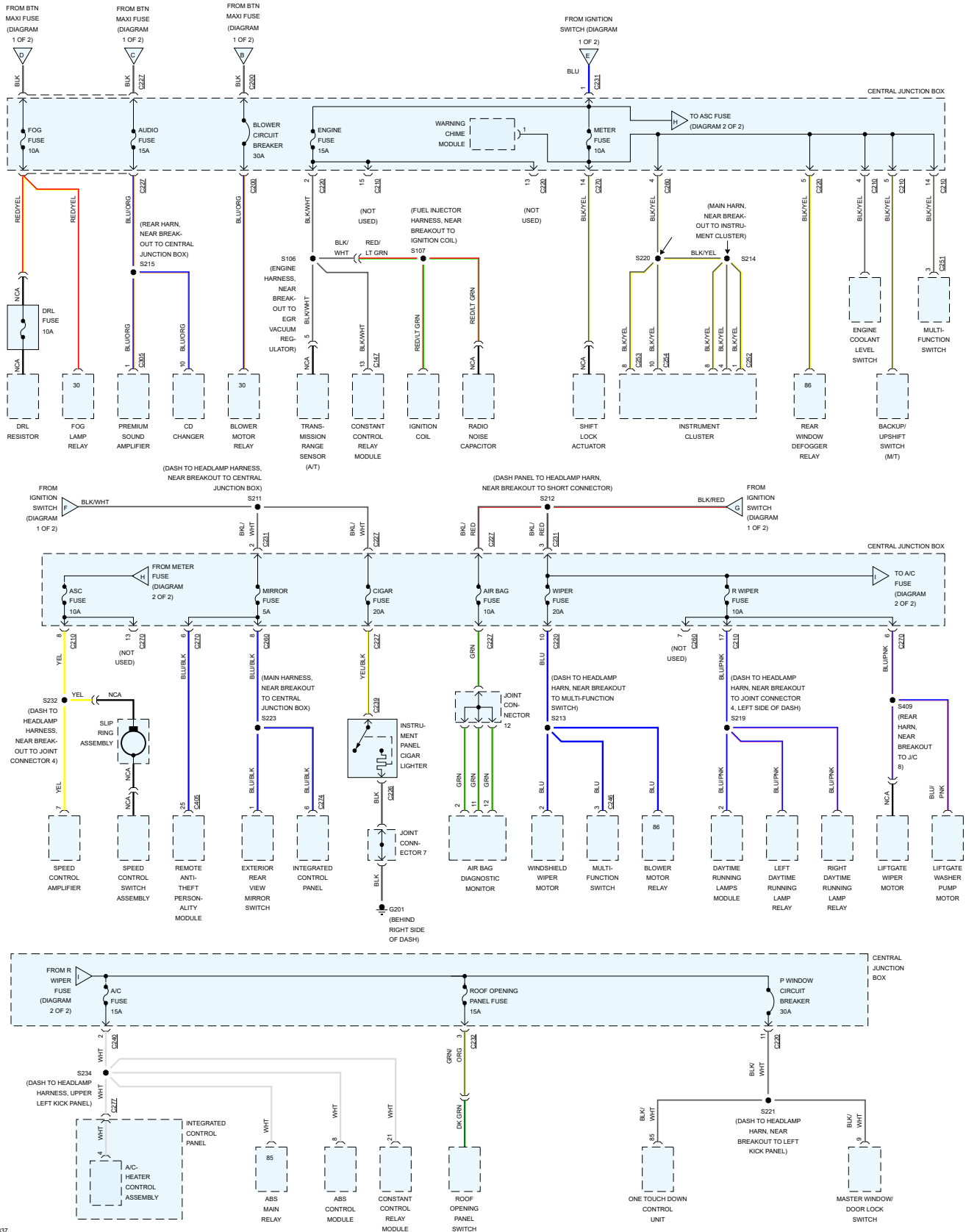


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 POWER DISTRIBUTION [LX, SE, ZX2 S R]



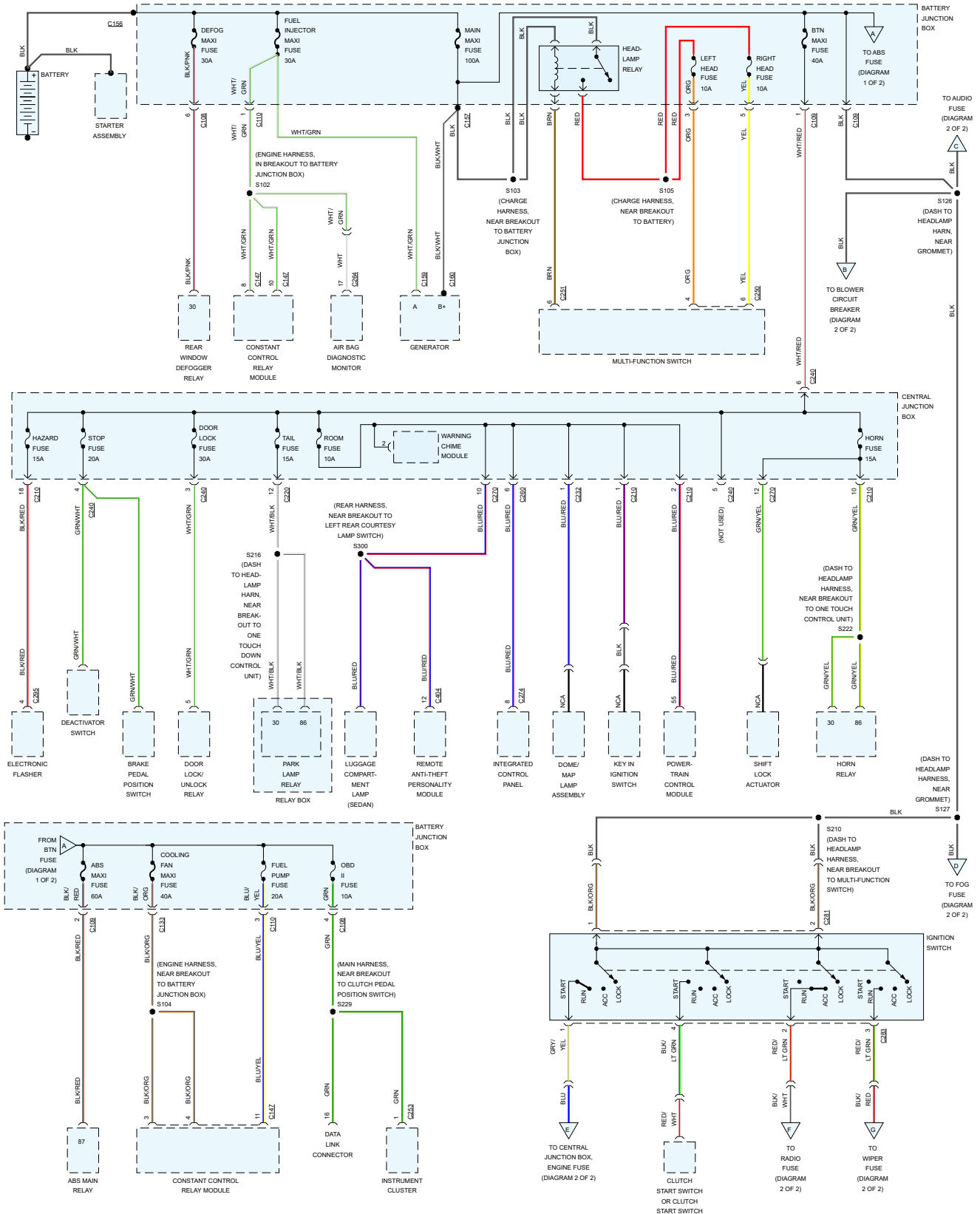
112836

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 POWER DISTRIBUTION [LX, SE, ZX2 S R]



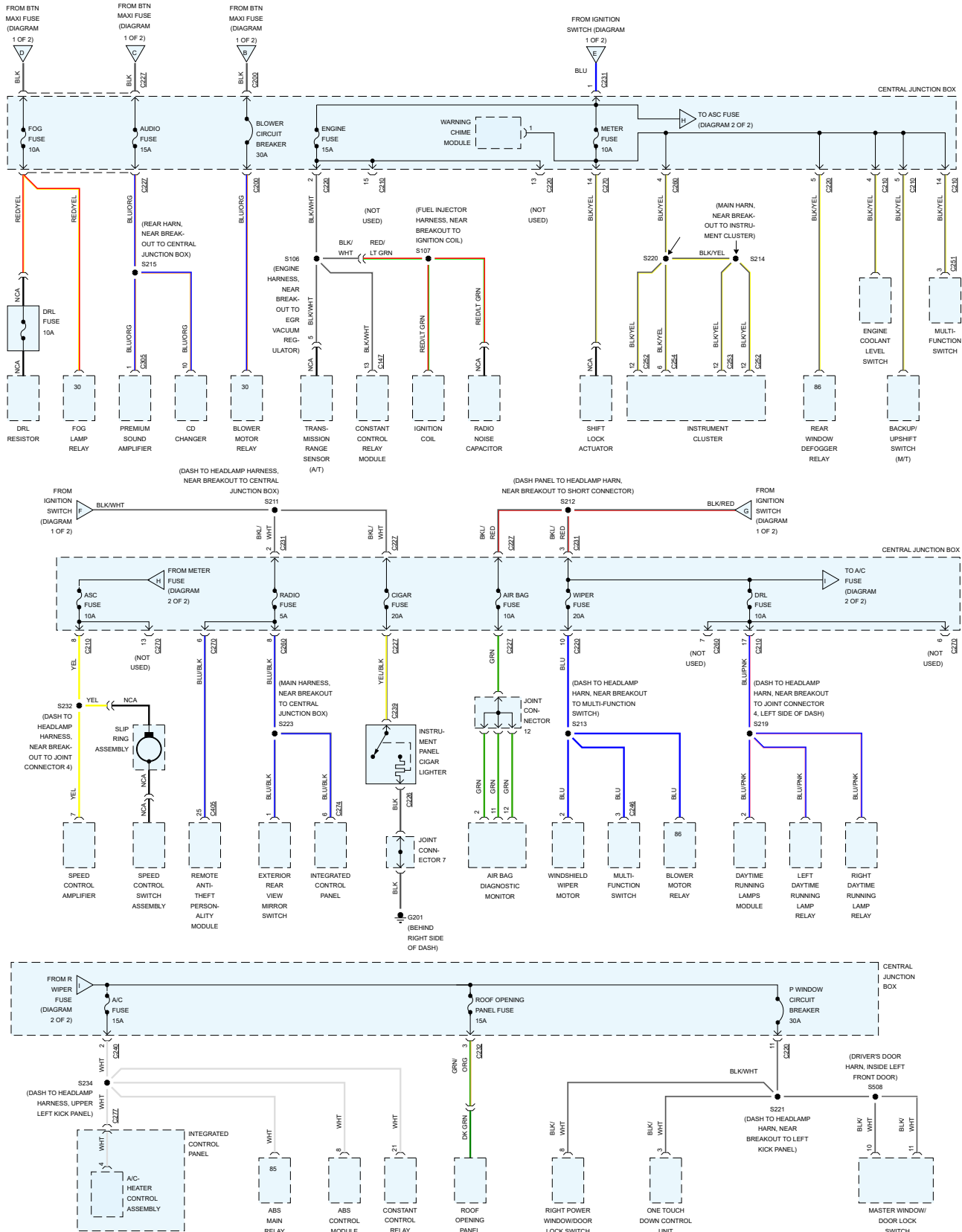
112837

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 POWER DISTRIBUTION [ZX2]



112838

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 POWER DISTRIBUTION [ZX2]



112839

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 BATTERY JUNCTION BOX

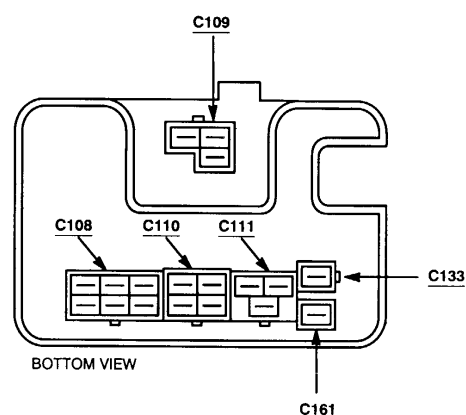
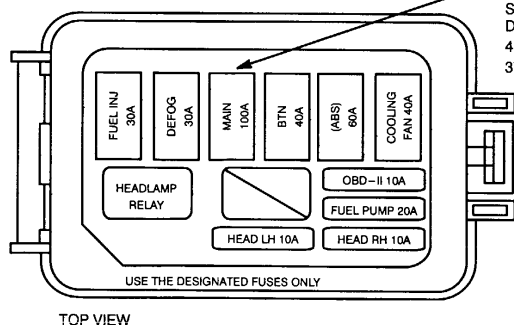
FUSE LINK CARTRIDGE	AMPS	CIRCUITS PROTECTED
FUEL INJ.	30	AIR BAGS, ENGINE CONTROLS, GENERATOR
DEFOG.	30	REAR WINDOW DEFROST
MAIN	100	OVERALL CIRCUIT PROTECTION
BTN	40	HAZARD STOP, DOOR LOCK, TAIL, ROOM AND HORN FUSES OF THE CENTRAL JUNCTION BOX
ABS	60	ABS MAIN RELAY
COOLING FAN	40	CONSTANT CONTROL RELAY MODULE
FUSE	AMPS	CIRCUITS PROTECTED
OBD-II	10	DATA LINK CONNECTOR (DLC), INSTRUMENT CLUSTER
FUEL PUMP	20	ENGINE CONTROLS
HEAD RH	10	HEADLAMPS
HEAD LH	10	HEADLAMPS

AMPERE RATING	HOUSING COLOR
BLADE TYPE FUSE	
10	Red
15	Blue
20	Yellow
30	Green
FUSE LINK CARTRIDGE	
20	Light Blue
30	Pink
40	Green
50	Red
60	Yellow
80	Black
100	Dark Blue

BATTERY JUNCTION BOX

(LOCATED ON DRIVER SIDE OF ENGINE COMPARTMENT)

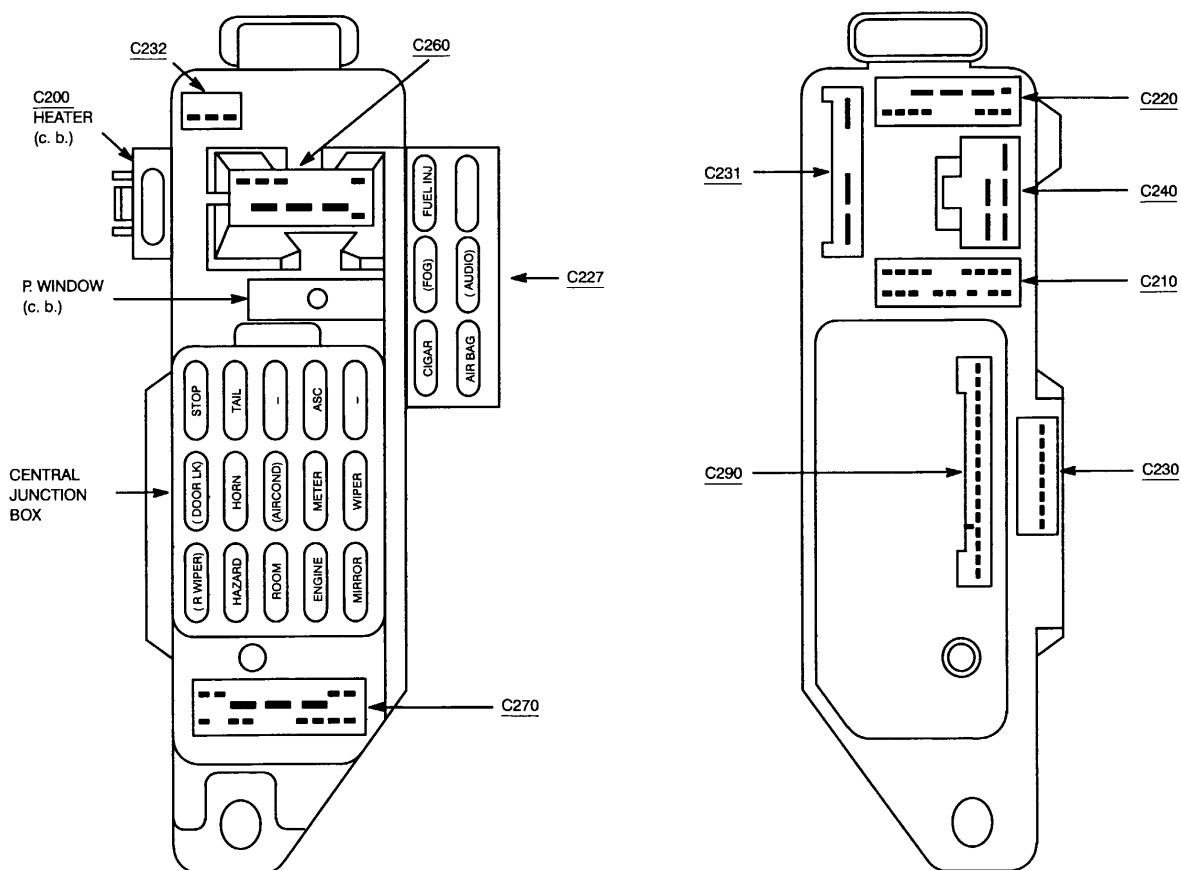
MAIN FUSE LINK CARTRIDGE IS HELD IN PLACE BY 2 SCREWS; BE SURE TO TIGHTEN SCREWS TO SPECIFICATIONS DURING REPLACEMENT:
4.2–6.3 N·m
37–56 lb·in



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 CENTRAL JUNCTION BOX

CENTRAL JUNCTION BOX
(LOCATED ABOVE THE LEFT SIDE KICK PANEL)

COUPE



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3

CENTRAL JUNCTION BOX

FUSE	AMPS	CIRCUITS PROTECTED
ASC	10	SPEED CONTROL
BLOWER (c. b.)	30	BLOWER MOTOR RELAY
CIGAR	20	CIGAR LIGHTER
ENGINE	15	ELECTRONIC AUTOMATIC TRANSAXLE, IGNITION SYSTEM, CONSTANT CONTROL RELAY MODULE (PCM RELAY)
FOG	10	FOG LAMPS, DAYTIME RUNNING LAMPS (DRL)
HAZARD	15	ELECTRONIC FLASHER
AIR COND.	15	A/C-HEATER, ANTI-LOCK BRAKES
HORN	15	HORN, SHIFT LOCK
DOOR LOCK	30	POWER DOOR LOCKS
METER	10	REVERSING LAMPS, ENGINE COOLANT LEVEL SWITCH, INSTRUMENT CLUSTER, REAR WINDOW DEFROST, SHIFT LOCK, WARNING CHIME, TURN SIGNAL SWITCH
RADIO	5	EXTERIOR REAR VIEW MIRRORS, RADIO, RAP SYSTEM
P. WINDOW (c. b.)	30	POWER WINDOWS
AIR BAG	10	JOINT CONNECTOR #12, AIR BAG DIAGNOSTIC MONITOR
ROOM	10	ENGINE CONTROLS, RAP SYSTEM, RADIO, SHIFT LOCK, COURTESY LAMPS, STARTING SYSTEM, WARNING CHIME, INSTRUMENT CLUSTER
FUEL INJECTOR	10	HO2S, EVAPORATIVE EMISSION PURGE FLOW SENSOR
DRL	10	DAYTIME RUNNING LAMPS (DRL)
STOP	20	STOPLAMPS, DEACTIVATOR SWITCH
TAIL	15	PARK LAMP RELAY
WIPER	20	WIPER/WASHER, BLOWER MOTOR RELAY
ROOF OPENING	15	ROOF OPENING PANEL
AUDIO	15	PREMIUM SOUND AMPLIFIER, CD CHANGER

COUPE

AMPERE RATING	HOUSING COLOR
BLADE TYPE FUSE	
4	Pink
5	Tan
10	Red
15	Light Blue
20	Yellow
25	Natural
30	Light Green

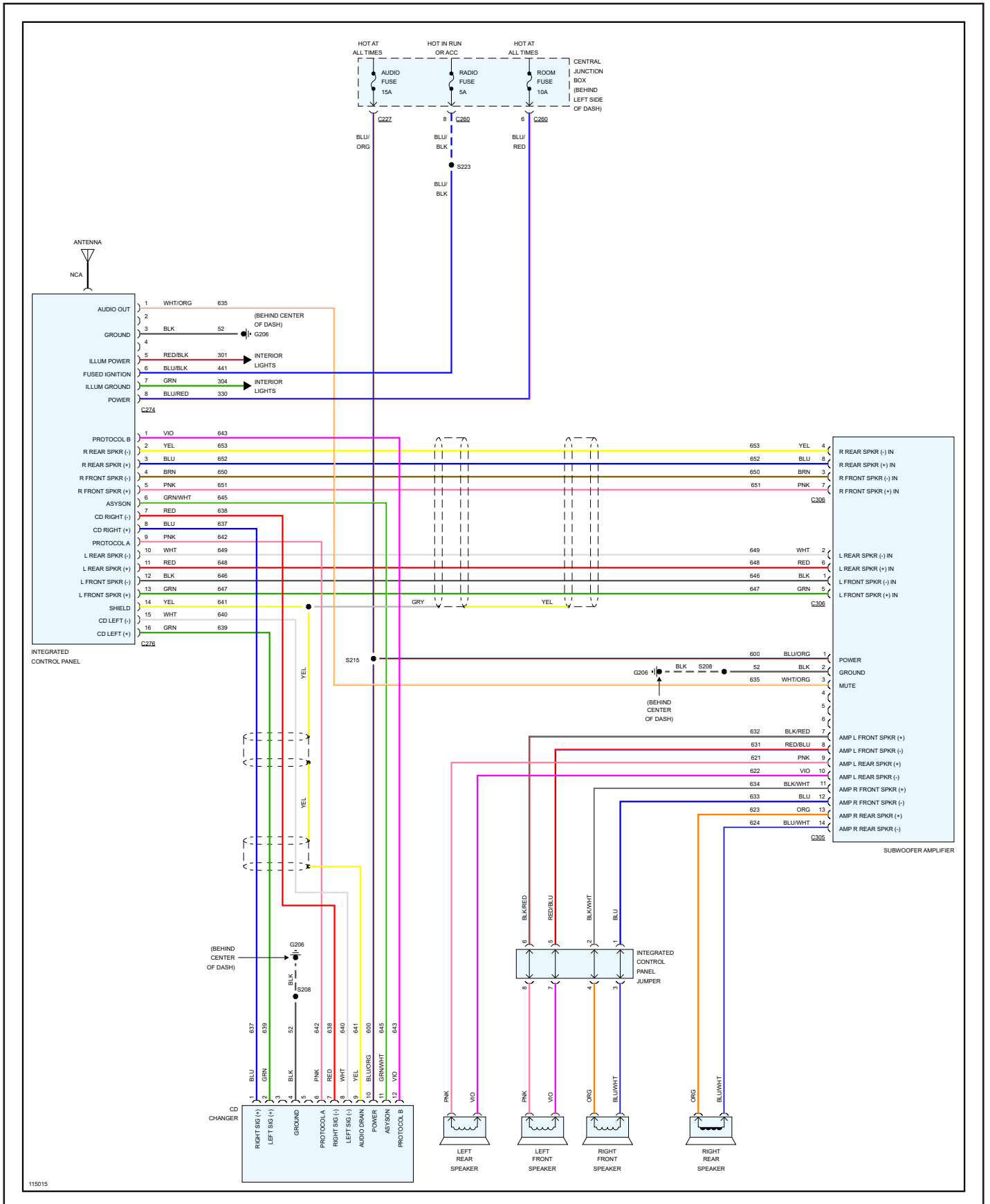
POWER DISTRIBUTION

The Generator, Battery and Starter Motor are connected through the 100 Amp Main Fuse in the Battery Junction Box. Other circuits originate from this Main Fuse and are protected by additional fuses in the Battery Junction Box and Central Junction Box.

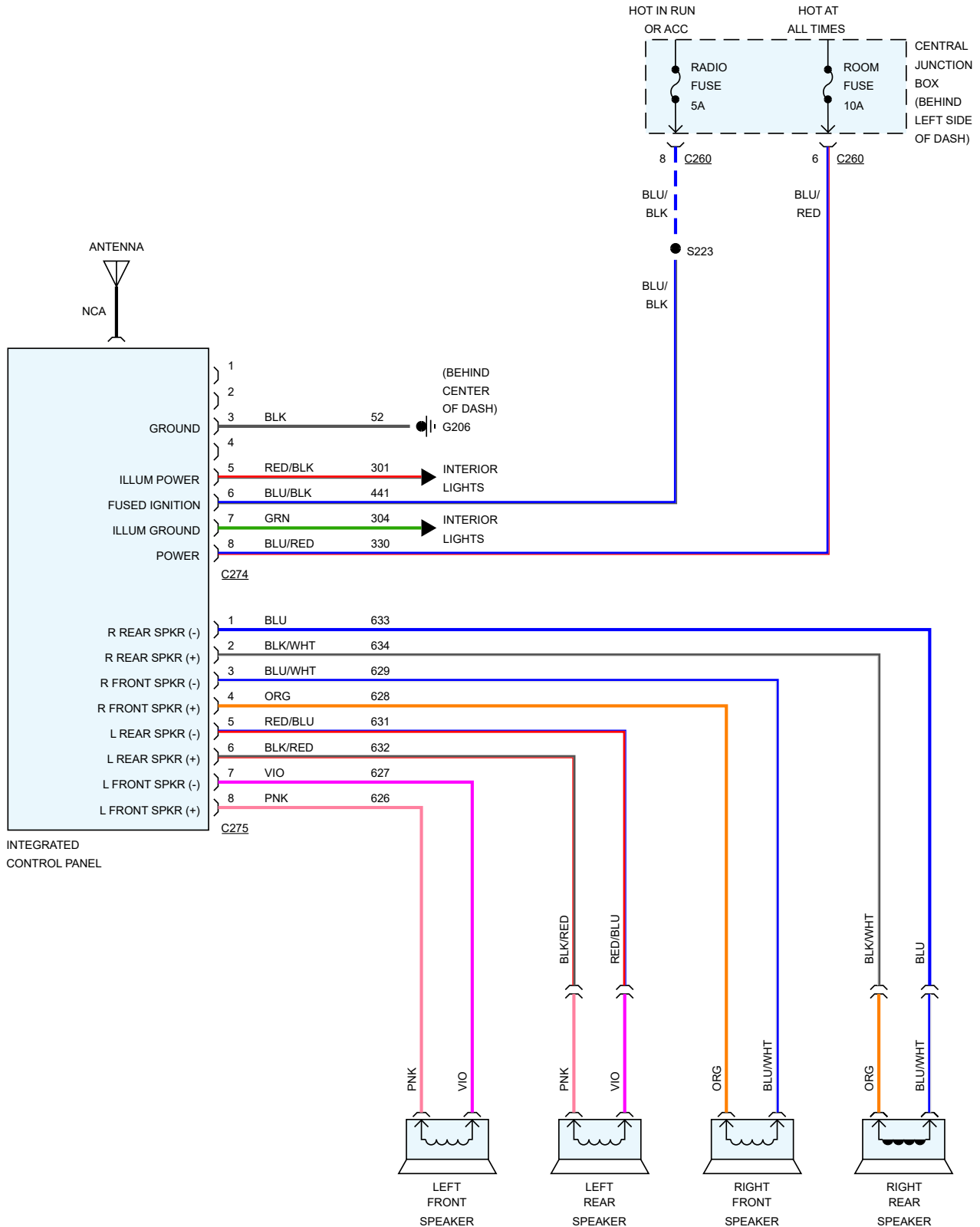
The fuses in the Battery Junction Box are powered at all times; as are the Blower, Door Lock, Fog, Hazard, Horn, Radio, Room, Stop and Tail Fuses in the Central Junction Box, the Ignition Switch and the Main Light Switch. The other fuses are powered through the Ignition Switch or the Main Light Switch.

NOTE: The Daytime Running Lamps (DRL) Circuit is protected by an in-line 10A fuse that is part of the DRL Resistor.

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 SOUND SYSTEMS - W/AMPLIFIER

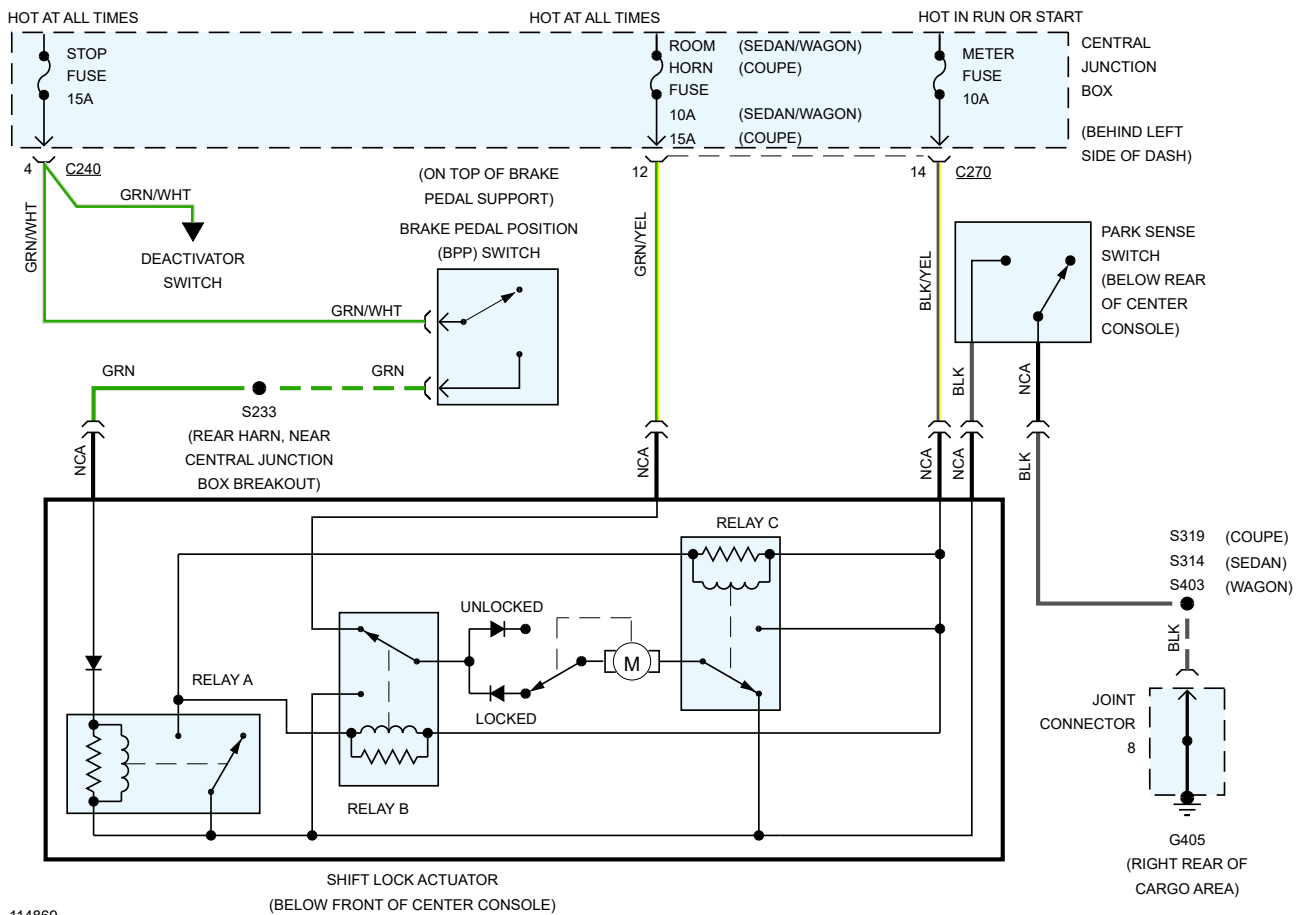


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 SOUND SYSTEMS - W/O AMPLIFIER



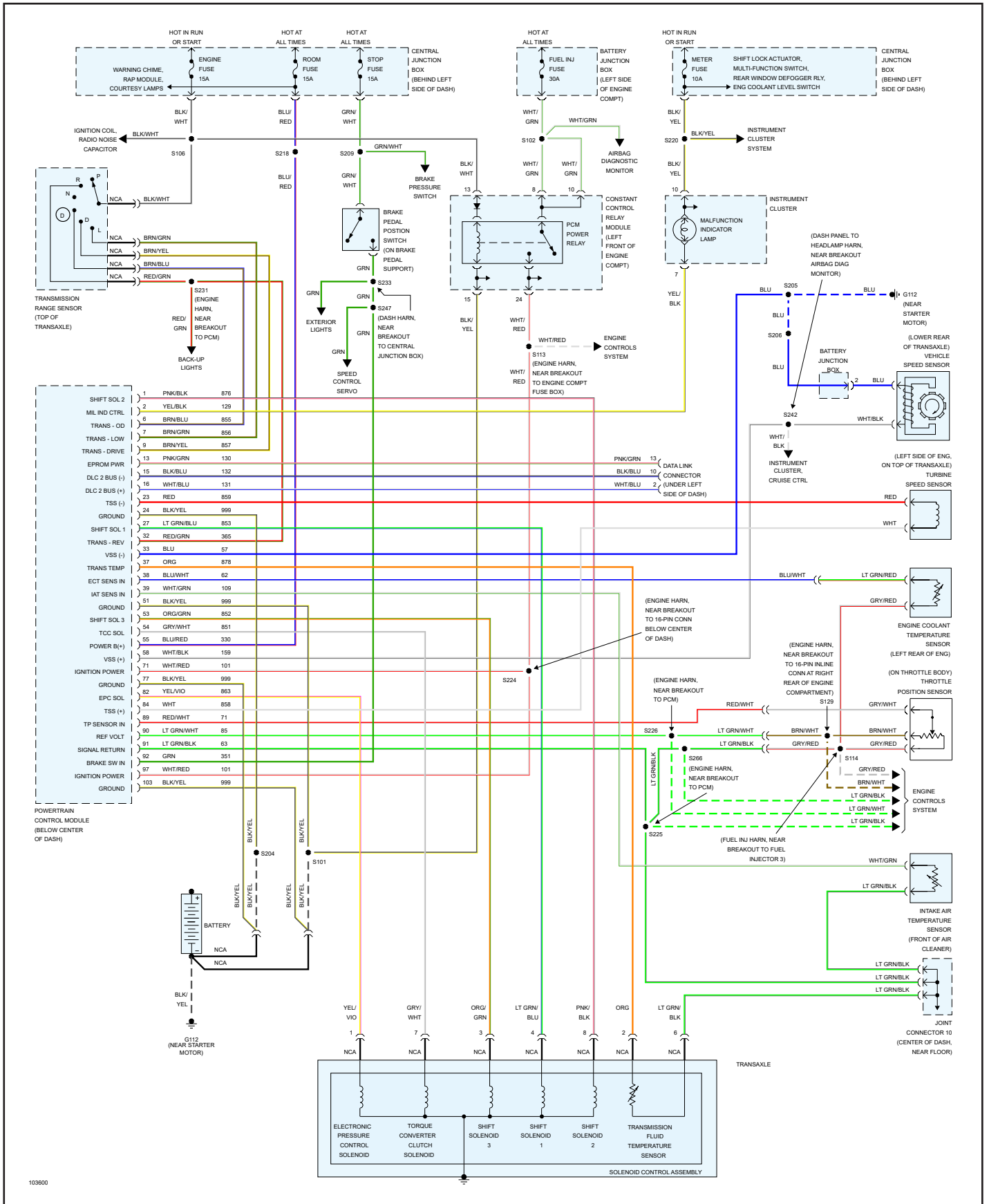
115016

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 SHIFT INTERLOCK

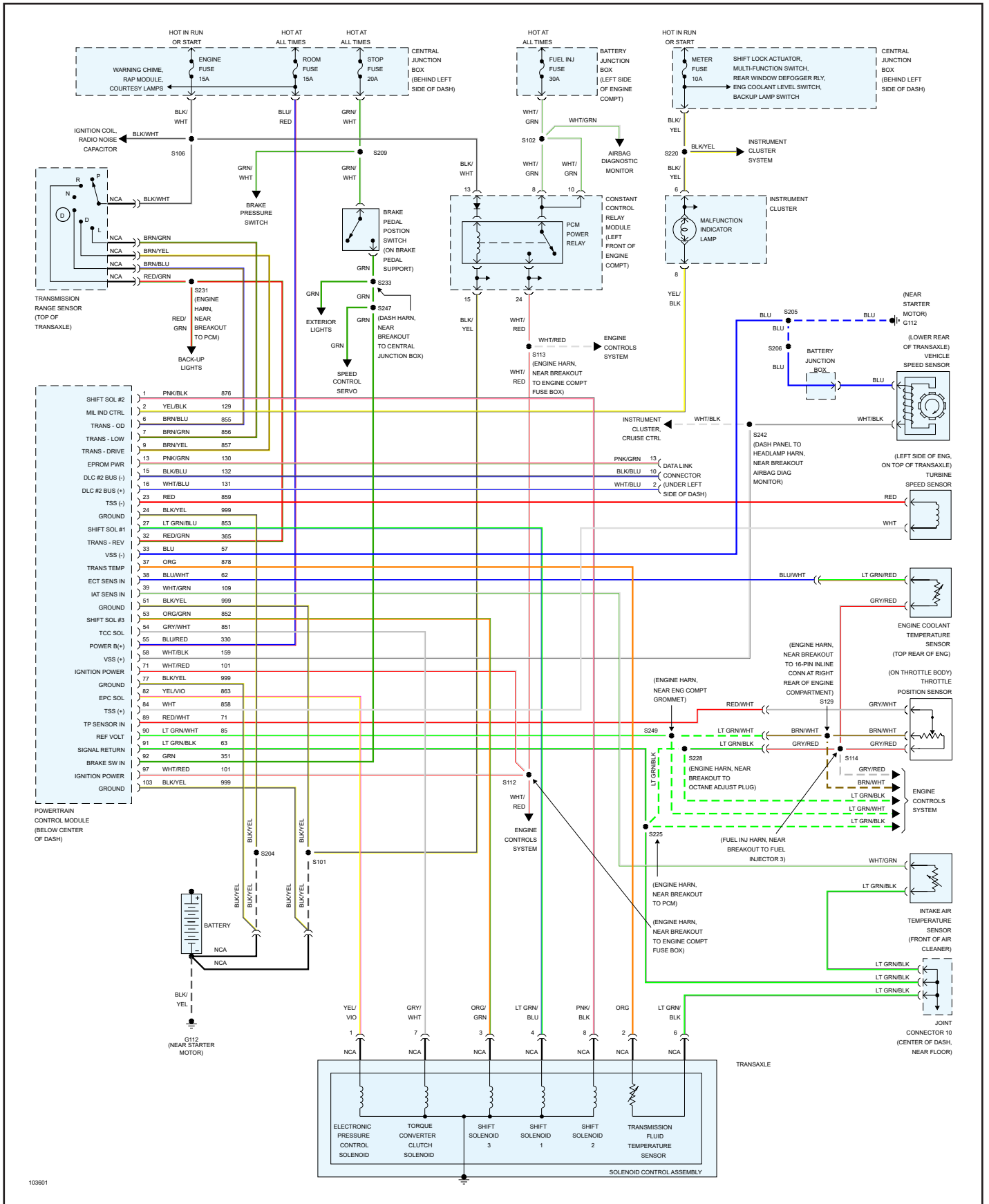


114869

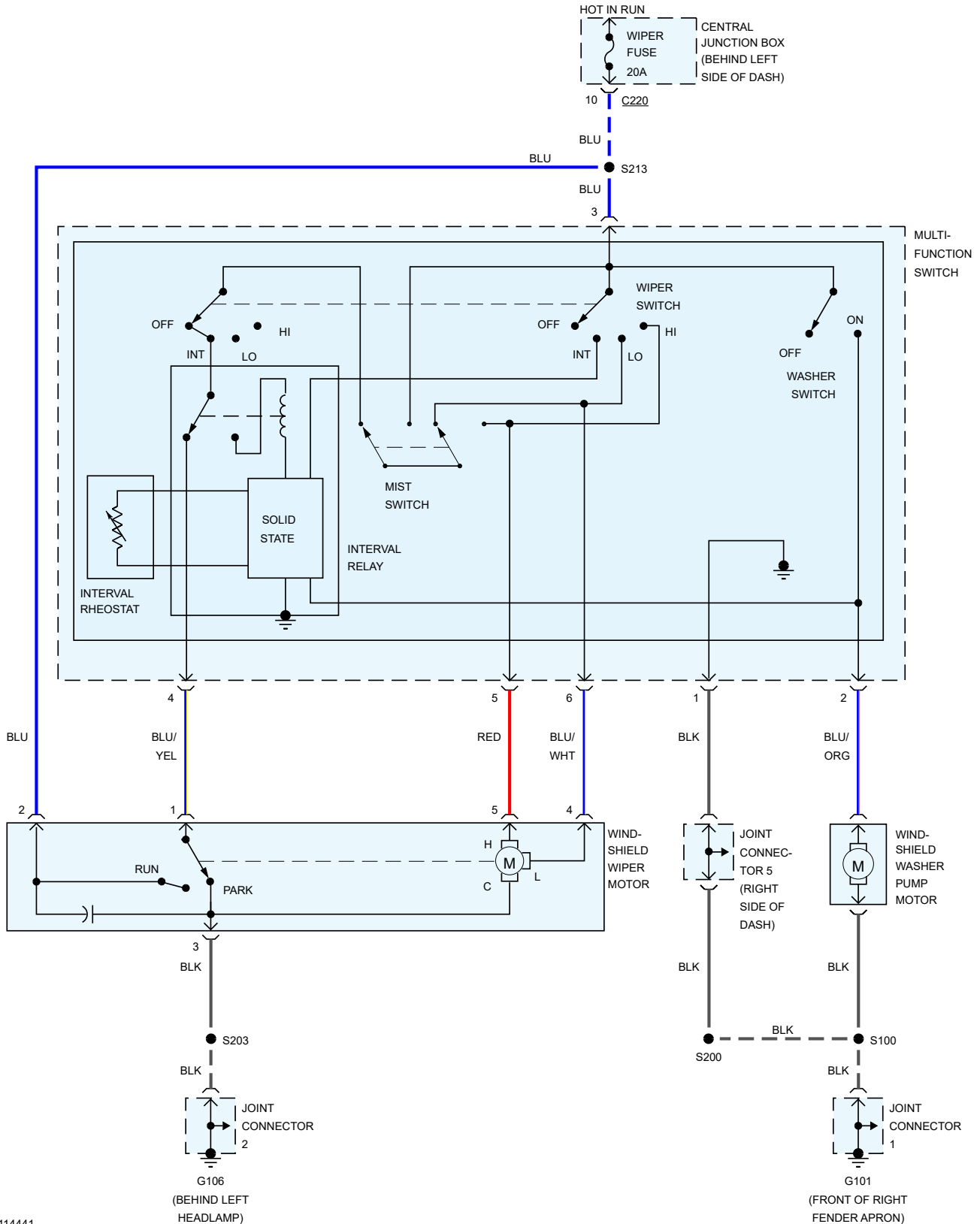
1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 TRANSMISSIONS - A/T CIRCUIT [LX, SE, ZX2 S R]



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 TRANSMISSIONS - A/T CIRCUIT [ZX2]

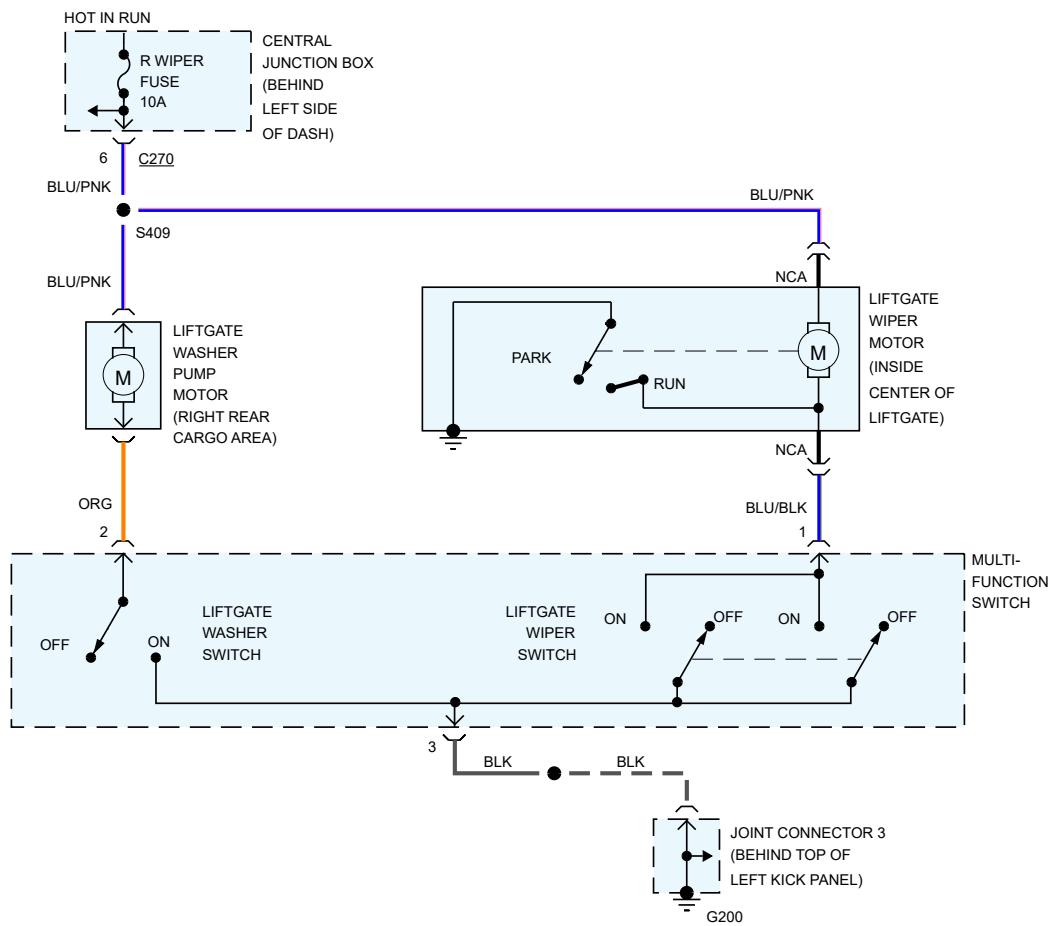


1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 WIPER/WASHER - FRONT WIPER/WASHER CIRCUIT



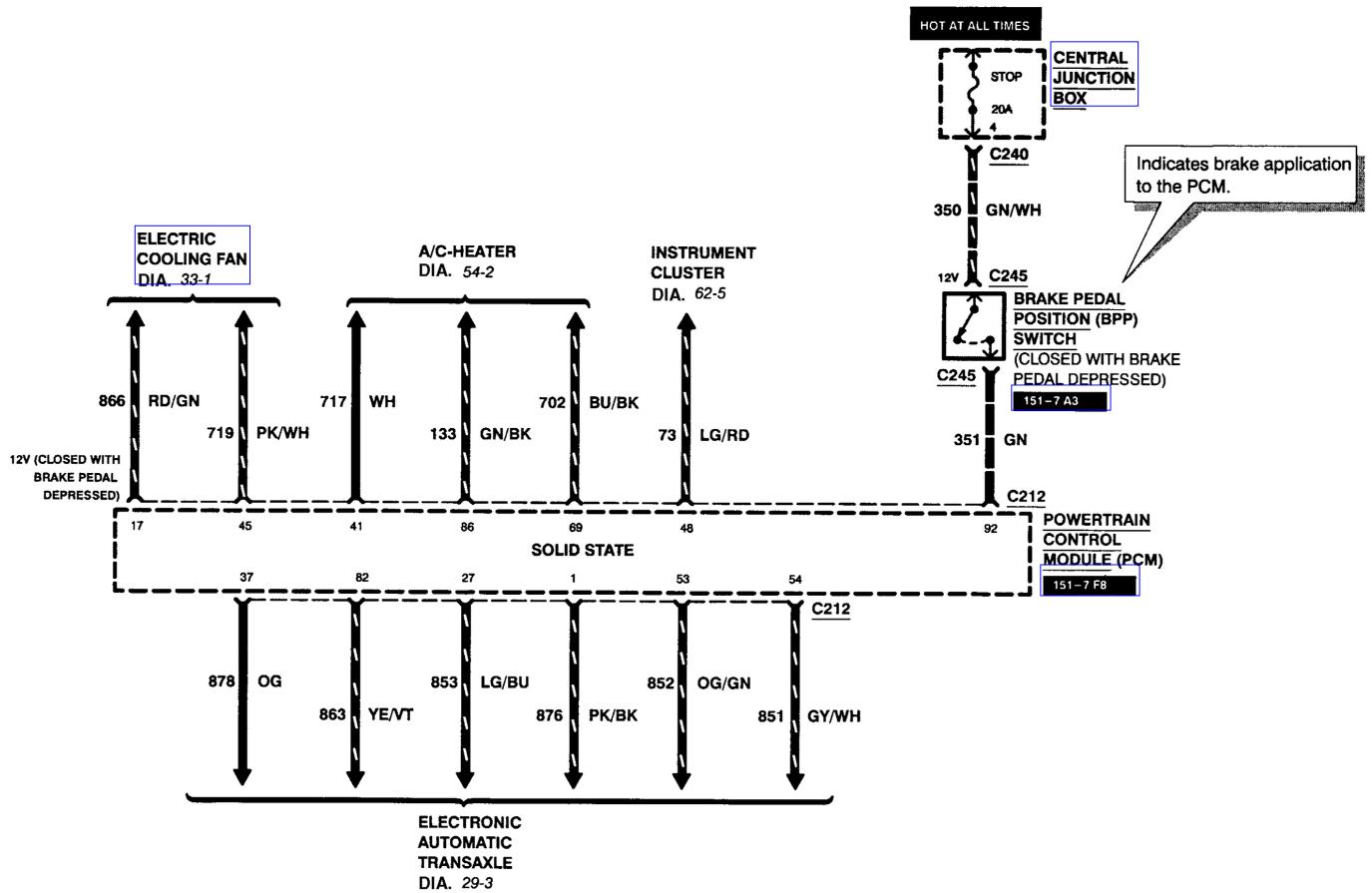
114441

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 WIPER/WASHER - REAR WASHER/WIPER CIRCUIT



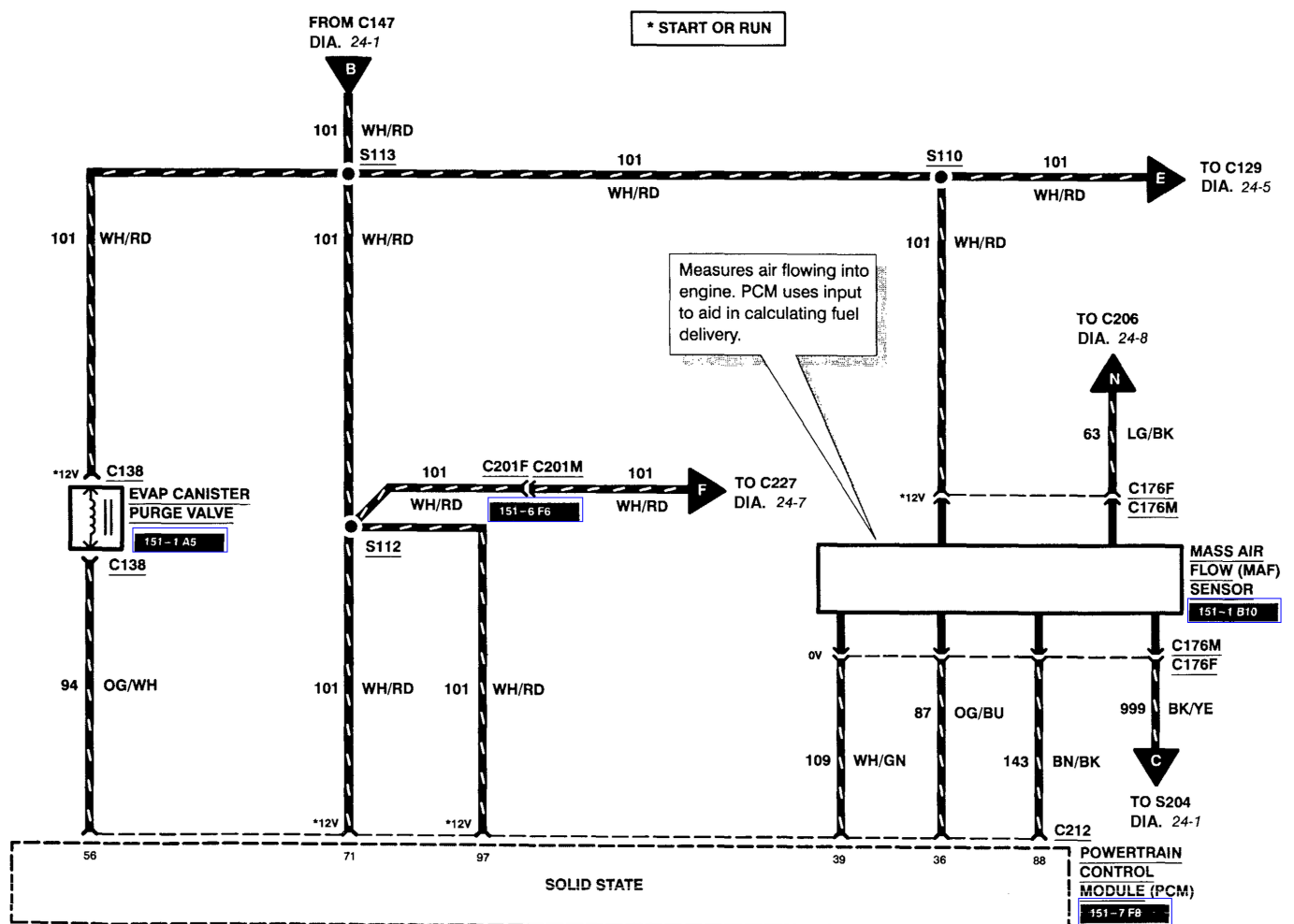
114442

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 BRAKE PEDAL POSITION SWITCH

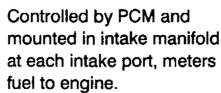


[illegible]

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 EVAP CANISTER/MASS AIR FLOW



Controls idle speed with throttle plate fully closed. Duty cycle signals are sent by PCM, which controls a solenoid that opens or closes air bypass depending on signal received.



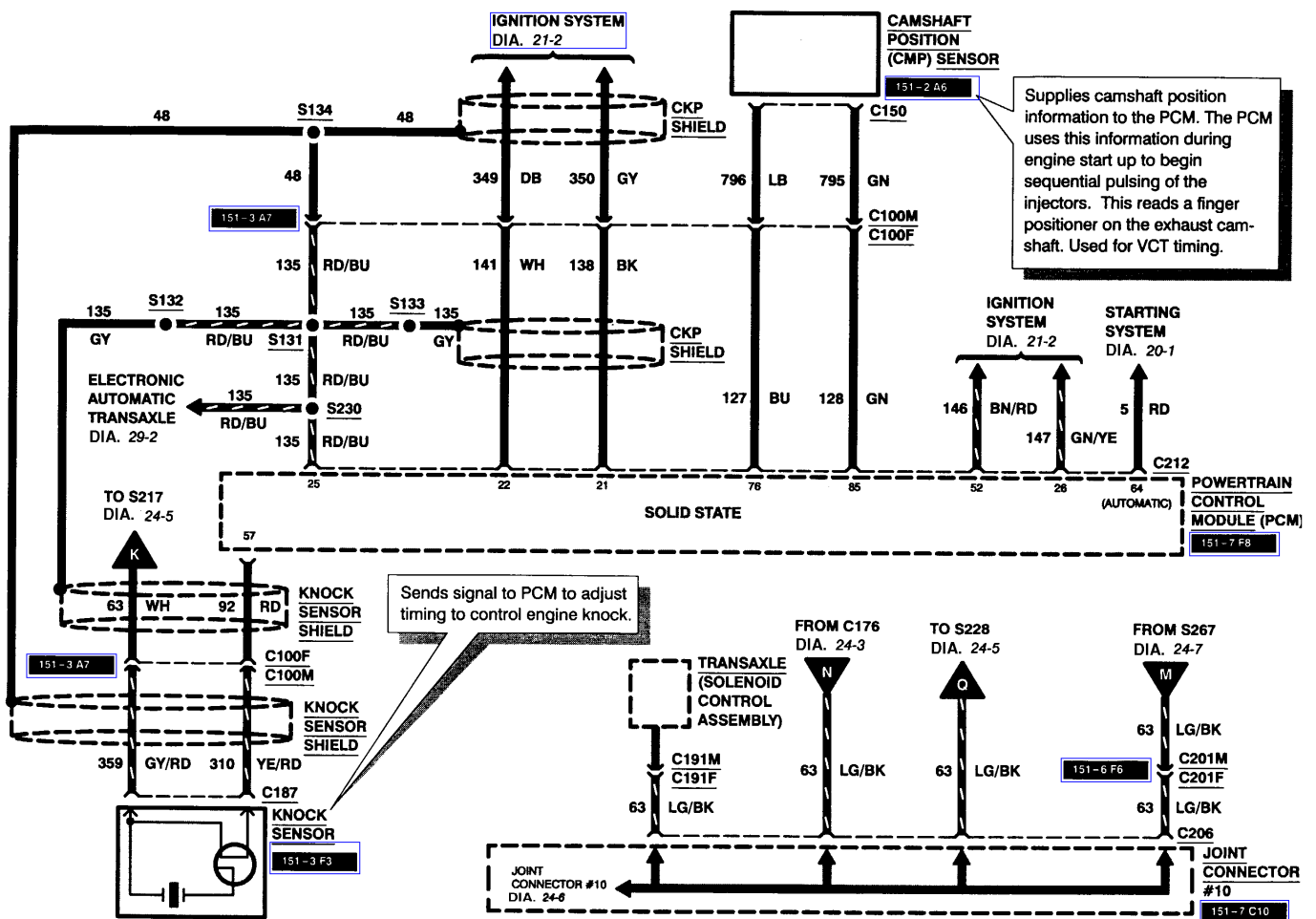
Controlled by PCM and mounted at end of exhaust camshaft. VVT Solenoid meters oil into adjustment collar to adjust exhaust valve timing. The VVT provides internal EGR function for low emissions.

FROM C201
DIA. 24-3

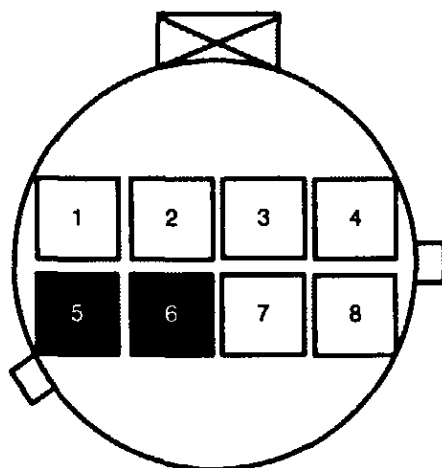
* START OR RUN



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 KNOCK SENSOR/TRANSAXLE SOLENOID CONTROL



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 MASS AIR FLOW SENSOR



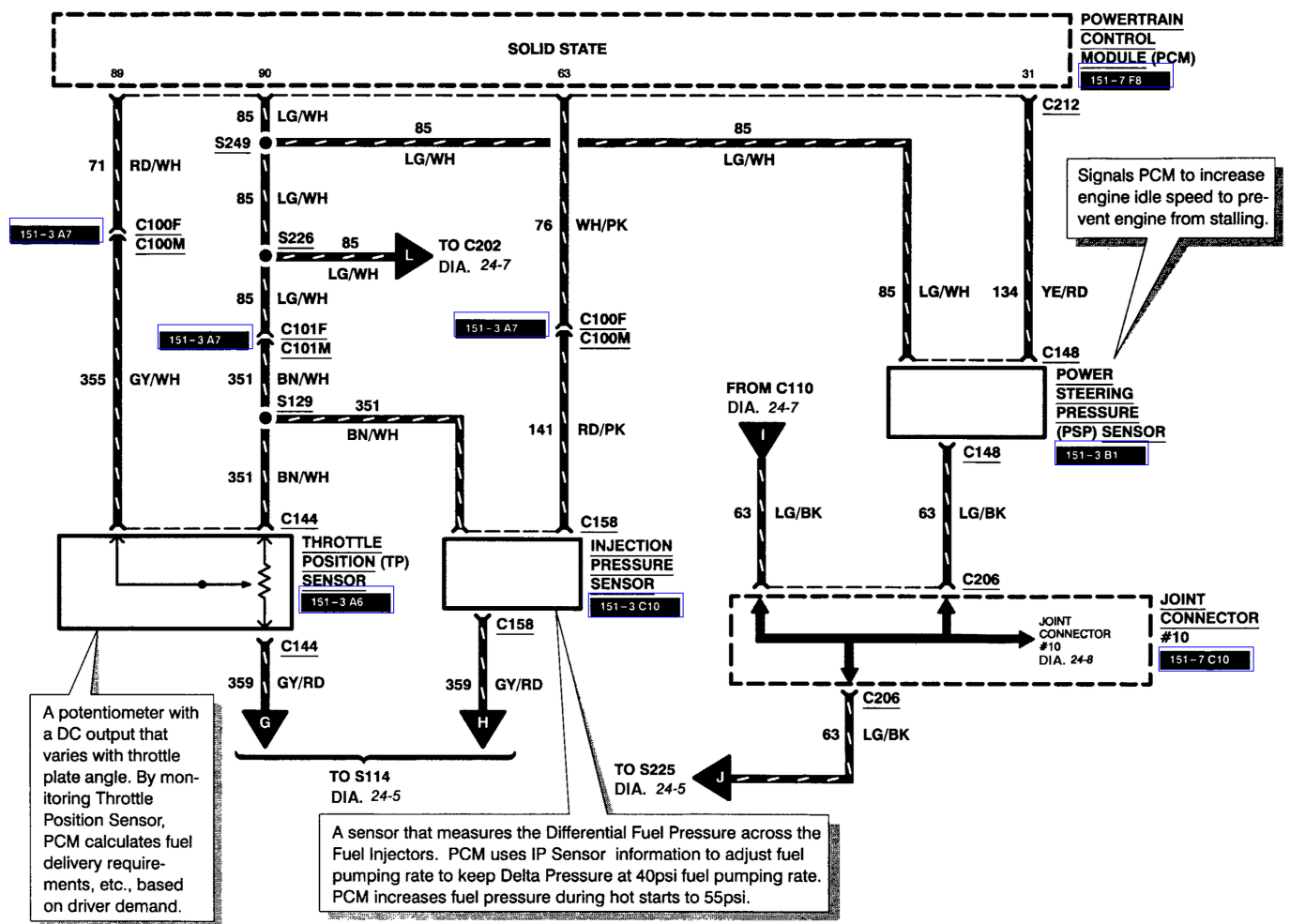
COUPE

C176

MASS AIR FLOW (MAF) SENSOR

PIN	CIRCUIT	CIRCUIT FUNCTION
1	63 (LB/BK)	Signal Return
2	87 (OG/BU)	Powertrain Control Module (PCM) MAF Signal
3	143 (BN/BK)	Powertrain Control Module (PCM) MAF Return
4	109 (WH/GN)	Powertrain Control Module (PCM) (IAT)
5	—	NOT USED
6	—	NOT USED
7	101 (WH/RD)	PCM Power Relay
8	999 (BK/YE)	Ground

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3 THROTTLE POSITION SENSOR



FROM C234
DIA. 24-1



1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3

GLOSSARY OF TERMS

MODELOS DE AUTOS

CC: DESCAPOTABLE O CONVERTIBLE COUPE
GL: GRAN LUJO
GLS: GRAN LUJO SÚPER
GLX: GRAN LUJO EXTRA
GT: GRAND TOURING O GRAN TURISMO
GTI: GRAN TURISMO DE INYECCION
GTS: GRAN TURISMO DEPORTIVO
GTX: GRAN TURISMO EXCLUSIVO
ST: TECNOLOGÍAS DEPORTIVA
SS: MODELO SÚPER DEPORTIVO

MÓDULO DE CONTROL

ABS: SISTEMA ANTIBLOQUEO DE FRENOS
BCM: MÓDULO DE CONTROL DEL CUERPO
ECM: MÓDULO DE CONTROL DEL MOTOR
ECU: UNIDAD DE CONTROL DEL MOTOR
ESP: CONTROL ELECTRÓNICO DE ESTABILIDAD
PCM: MÓDULO DE CONTROL DEL TREN DE POTENCIA
PIM: MÓDULO DE INTERFAZ DEL TREN MOTRIZ
SRS: SISTEMA DE SEGURIDAD SUPLEMENTARIO
TCM: MÓDULO DE CONTROL DE LA TRANSMISIÓN
VCM: MÓDULO DE CONTROL DEL VEHICULO
FICM: MÓDULO DE CONTROL DEL INYECTOR DE COMBUSTIBLE

MOTOR

OHC: ÁRBOL DE LEVAS EN CULATA
SOCH: UN SOLO ÁRBOL DE LEVAS
DOCH: DOBLE ÁRBOL DE LEVAS
OHV: MOTOR DE 4 TIEMPOS DE VÁLVULAS EN LA CABEZA
SV: MOTOR DE 4 TIEMPOS DE VÁLVULAS LATERALES

SENSORES

CKP: SENSOR DE POSICIÓN DEL CIGUEÑAL
CMP: SENSOR DE POSICIÓN DE ÁRBOL DE LEVAS
ECT: SENSOR DE TEMPERATURA DEL REFRIGERANTE
EGT: SENSOR DE TEMPERATURA DEL GAS DE ESCAPE
IAT: SENSOR DE TEMPERATURA DE AIRE DE ENTRADA
KS: SENSOR DE DETONACIÓN
MAF: SENSOR DE FLUJO DE MASA DE AIRE
MAP: SENSOR DE PRESIÓN ABSOLUTA DEL MULTIPLE DE ADMISIÓN
O2: SENSOR DE OXYGENO
OPS: SENSOR DE PRESIÓN DE ACEITE
TPS: SENSOR DE POSICIÓN DEL ACELERAODR
TRS: SENSOR DE RANGO DE LA TRANSMISION
TSS: SENSOR DE VELOCIDAD DE LA TRANSMISIÓN
VSS: SENSOR DE VELOCIDAD DEL VEHÍCULO

1999 FORD ESCORT ZX2 L4-2.0L DOHC VIN 3

GLOSSARY OF TERMS

SISTEMA DE TRACCIÓN

2WD: SISTEMA DE TRACCIÓN EN 2 RUEDAS

4WD: TRACCIÓN 4X4 CONECTABLE

AWD: TRACCIÓN EN LAS 4 RUEDAS PERMANENTE

FWD: TRACCIÓN DELANTERA

RWD: TRACCIÓN TRASERA

4X4: TRACCIÓN EN LAS 4 RUEDAS

ASR: SISTEMA DE CONTROL DE TRACCIÓN

QUATTRO: TRACCIÓN PERMANENTE A LAS CUATRO RUEDAS (TERMINO COMUNMENTE USADO EN AUTOS AUDI)

SISTEMAS

A/C: AIRE ACONDICIONADO

AC: CORRIENTE ALTERNA

EGR: RECIRCULACIÓN DE GASES DE ESCAPE

EVAP: SISTEMA DE CONTROL DE EMISIONES EVAPORATIVAS

VVT: SISTEMA DE DISTRIBUCIÓN VARIABLE

SISTEMA DE INYECCIÓN

COMMON-RAIL: SISTEMA ELECTRÓNICO DE INYECCIÓN DE COMBUSTIBLE PARA MOTORES DIESEL

HPI: MOTORES DE GASOLINA DE INYECCIÓN DIRECTA

JTD: MOTORES DIÉSEL DE INYECCIÓN DIRECTA CON "COMMO RAIL"

EFI: INYECCIÓN ELECTRÓNICA DE GASOLINA

TSI: INYECCIÓN ESTRATIFICADA CON TURBOCARGADOR (MOTORES A GASOLINA)

TD: MOTORES TURBO DIÉSEL

TDI: MOTOR TURBO DIÉSEL CON INYECCIÓN DIRECTA (TIPO DE INYECCIÓN COMUNMENTE USADA POR VOLKSWAGEN)

FSI: INYECCIÓN ESTRATIFICADA DE GASOLINA

TFSI: INYECCIÓN ESTRATIFICADA DE GASOLINA CON TURBO

HDI: INYECCIÓN DIÉSEL DE ALTA PRESIÓN

SISTEMA DE TRANSMISIÓN

A/T: TRANSMISIÓN AUTOMÁTICA

M/T: TRANSMISIÓN MANUAL

CVT: TRANSMISIÓN CONTINUAMENTE VARIABLE

SISTEMA DE CILINDROS Y VÁLVULAS

L4: MOTOR DE 4 CILINDROS EN LINEA

L6: MOTOR DE 6 CILINDROS EN LINEA

V2: MOTOR DE 2 CILINDROS EN POSICIÓN V

V6: MOTOR 6 CILINDROS EN POSICIÓN V

V8: MOTOR DE 8 CILINDROS EN POSICIÓN V

V10: MOTOR DE 10 CILINDROS EN POSICIÓN V

V12: MOTOR DE 12 CILINDROS EN POSICIÓN V

20VT: 20 VÁLVULAS TURBO

CVVT: SINCRONIZACIÓN DE VALVULAS CONTINUAMENTE VARIABLE