TOYOTA

ELECTRICAL WIRING DIAGRAM

1982 Commercial Vehicles

Pub. No. 98961

FOREWORD

This booklet contains electrical wiring diagrams for all commercial vehicles of Toyota vehicles except USA and Canada.

Each wiring diagram is shown by simple fuse circuit, short line, and rough sketch so as to make it easy to see. Please use this booklet together with body repair manuals for repair or inspection of electrical problems.

All information contained in this booklet is based on the latest information available at the time of publication. Toyota reserves the right to make changes without notice.

TOYOTA MOTOR SALES CO.,LTD.

AVANT-PROPOS

Le présent livret contient les schémas de câblage sur tous les vehicules commerciaux de Toyota véhicules sauf pour E.U.A. et Canada.

Afin de faciliter la compréhension, chaque schéma de câblage est décrit au moyen du circuit simple de fusible et du fil court et dessiné sommairement. Pour toute utilisation de ce livret pour la réparation ou l'inspection des pannes électriques, prière de consulter les manuels d'enteretien et de réparation sur la carrosserie.

Tous les renseignements donnés dans ce livret sont mis à jour au moment de l'impression. Cependant, nous nous réservons le droit de procéder à tout moment et sans préavis à des modifications.

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1982 TOYOTA ELECTRICAL WIRING DIAGRAM

COMMERCIAL VEHICLES

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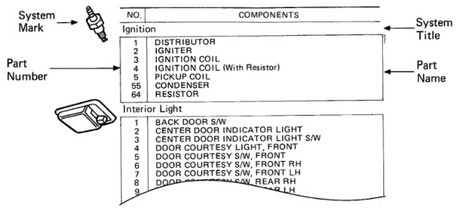
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INTRODUCTION

NOTE THE FOLLOWING WHEN READING THE WIRING DIAGRAMS

1. PARTS LIST

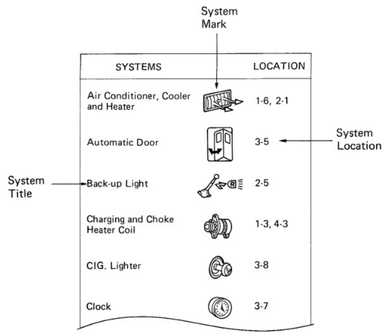


(1) PARTS LIST can be used for all models.

(2) System Titles are arranged in alphabetical order in the PARTS LIST.

(3) Parts used in a single system only begin from No. 1 while those used in two or more systems begin from No. 50.

2. SYSTEM INDEX

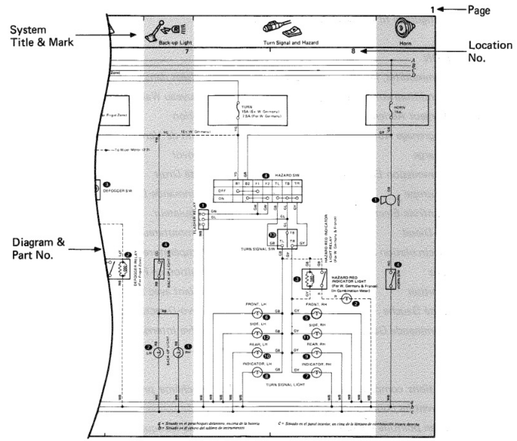


(1) A SYSTEM INDEX can be found at the beginning of the diagrams for each model.

(2) System Titles are arranged in alphabetical order in the SYSTEM INDEX.

(3) The figures under LOCATION desingnate the page and location for each model.
Example: 4-5 . . . . . Page 4. Location No. 5

3. WIRING DIAGRAM



The DIAGRAM is divided according to each system.

4. WIRE COLOR

Wire colors are indicated by an alphabetical code.

The 1st letter indicates the basic wire color and the 2nd indicates the stripe color.

B = Black	L = Light Blue	W = White
Br = Brown	Lg = Light Green	Y = Yellow
G = Green	O = Orange	P = Pink
Gr = Grey	R = Red	V = Violet

Example: RG indicates a Red wire with a Green line.

5. ABBREVIATION

The following abbreviations are used in this wiring diagram.

A/C	= Air Conditioner	OPT	= Option
A/P	= Air Purifier	PKB	= Parking Brake
A/T	= Automatic Transmission	PTO	= Power Take Off
CHG	= Charge	RH	= Right-hand
ECE	= Economic Commission for Europe	RHD	= Right-hand Drive Vehicles
		SC	= Spark Control
EDIC	= Electrical Diesel Injection Control	S/W	= Switch
		TEMP	= Temperature
EGR	= Exhaust Gas Recirculation	TP	= Throttle Positioner
IG	= Ignition	VPS	= Variable Power Steering
LH	= Left-hand	VSV	= Vacuum Switching Valve
LHD	= Left-hand Drive Vehicles		
NSW	= New South Wales in Australia		

6. OTHERS

(1) Legend in the bracket ( ) of the wiring diagram shows the location of mating connection.

(2) Broken lines in the wiring diagram are for varied models or optional equipment.

NOTE THE FOLLOWING WHEN REPAIRING THE WIRE

1. ALLOWABLE CURRENT – CARRYING CAPACITIES OF WIRES

Finished Outside Diameter mm (in.)	Allowable Current (A) (Maximum Load at 12V)
2.2 (0.0866)	9 (110W)
2.4 (0.0945)	12 (140W)
2.7 (0.1063)	15 (180W)
3.1 (0.1220)	20 (240W)
3.8 (0.1496)	27 (320W)

2. HANDLING AND INSPECTION PROCEDURES

(1) Pulling apart connectors

Hold the housings and pull apart. If provided with lock, release the lock first.

CAUTION

1. Do not pull the wiring harness.
2. Pull apart straight and do not twist sideways.

(2) Joining together connectors

1) Make sure that the connectors are positioned in correct direction and insert in all the way without twisting or prying.

2) For connectors provided with locks, insert until the locks actuate and then check to see if properly locked.

(3) Circuit inspection

When checking with circuit tester, the tester probe should always be inserted from the wiring harness side.

CAUTION

Never insert the tester probe from the terminal side of the connector.

(4) Others

Never attempt to insert an individual terminal (not set in housing) into a connector. This could distort the terminal and result in defective contact.

PARTS LIST

ELECTRICAL WIRING DIAGRAM – 1982 PRODUCTION VEHICLE

Air Brake

NO.	COMPONENTS
1	AIR PRESSURE S/W
2	BOOSTER STROKE INDICATOR S/W
3	BYPASS VALVE S/W
4	SEDIMENTER INDICATOR LIGHT
51	BRAKE FLUID LEVEL S/W
52	BRAKE WARNING LIGHT
53	BULB CHECK RELAY
62	PKB WARNING LIGHT
63	PKB WARNING LIGHT S/W
69	VACUUM S/W
70	VACUUM WARNING BUZZER

Air Conditioner, Cooler and Heater

NO.	COMPONENTS
1	A/C AMPLIFIER
2	A/C CUT RELAY
3	A/C MAIN RELAY
4	A/C RELAY
5	A/C S/W
6	AIR INTAKE CONTROL S/W
7	AIR INTAKE INDICATOR LIGHT
8	AIR INTAKE SERVO MOTOR
9	BLOWER MOTOR RESISTOR
10	CONDENSER MAIN RELAY
11	CONDENSER MOTOR
12	COOLER AMPLIFIER
13	COOLER BLOWER MOTOR
14	COOLER CONTROL BOX
15	COOLER CONTROL S/W
16	COOLER INDICATOR LIGHT
17	COOLING FAN MOTOR
18	COOLING FAN RELAY
19	EVAPO MOTOR
20	EVAPO RELAY
21	HEATER BLOWER MOTOR
22	HEATER BLOWER S/W
23	HEATER RELAY
24	IDLE-UP RELAY
25	IDLE-UP SOLENOID
26	IDLE-UP S/W
27	IDLE-UP VSV
28	LOW PRESSURE CUT S/W
29	MAGNET CLUTCH
30	MAGNET RELAY
31	PRESSURE S/W
32	THERMISTOR
33	VOLUME S/W
34	VSV
35	WATER TEMP RELAY
59	IG MAIN RELAY
64	RESISTOR
68	THERMO S/W

Antenna Motor

NO.	COMPONENTS
1	ANTENNA MOTOR
2	ANTENNA MOTOR S/W

Automatic Door

NO.	COMPONENTS
1	ACCEL INTERLOCK
2	ACCEL INTERLOCK RELAY
3	AUTOMATIC DOOR CONTROL BOX
4	AUTOMATIC DOOR S/W
5	DOOR WARNING BUZZER
6	POWER MAIN RELAY
67	SPEED SENSOR

Back-up Light

NO.	COMPONENTS
1	BACK-UP BUZZER
2	BACK-UP LIGHT
3	BACK-UP LIGHT, RH
4	BACK-UP LIGHT, LH
5	BACK-UP LIGHT S/W
6	BUZZER REVERSE WARNING

Charging and Choke Heater Coil

NO.	COMPONENTS
1	ALTERNATOR
2	ALTERNATOR (With IC Regulator)
3	CHARGE LIGHT RELAY
4	ENGINE MAIN RELAY
5	HEATER CHOKE COIL
6	MAIN RELAY
7	REGULATOR

CHG Lighter

NO.	COMPONENTS
1	CIGARETTE LIGHTER
64	RESISTOR

Clock

NO.	COMPONENTS
1	CLOCK (Analog)
2	CLOCK (Digital)

Combination Meter

NO.	COMPONENTS
1	AIR CLEANER WARNING LIGHT
2	AIR CLEANER WARNING LIGHT S/W
3	BRAKE FLUID PRESSURE S/W
4	CANCEL S/W
5	CHOKE WARNING LIGHT
6	CHOKE WARNING LIGHT S/W
7	FUEL GAUGE
8	FUEL LEVEL SENDER
9	OIL PRESSURE GAUGE
10	OIL PRESSURE SENDER
11	OIL PRESSURE WARNING LIGHT
12	OIL PRESSURE WARNING LIGHT S/W
13	PICKUP SENSOR
14	SEDIMENTER WARNING BUZZER
15	SEDIMENTER WARNING S/W
16	TACHOMETER
17	TIMING BELT WARNING LIGHT
18	VOLTMETER
19	WATER TEMP. GAUGE
20	WATER TEMP. SENDER
21	4WD INDICATOR LIGHT
22	4WD INDICATOR LIGHT S/W
51	BRAKE FLUID LEVEL S/W
52	BRAKE WARNING LIGHT
53	BULB CHECK RELAY
54	CHARGE WARNING LIGHT
55	CONDENSER
68	GLOW PLUG INDICATOR LIGHT
62	PKB WARNING LIGHT
63	PKB WARNING LIGHT S/W
65	SEDIMENTER WARNING LIGHT
66	SEDIMENTER WARNING LIGHT S/W
69	VACUUM S/W
70	VACUUM WARNING BUZZER

Condition Indicator

NO.	COMPONENTS
1	BATTERY SENSOR
2	BATTERY WARNING LIGHT
3	CONDITION INDICATOR COMPUTER
4	RADIATOR SENSOR
5	RADIATOR WARNING LIGHT
6	REAR LIGHT FAILURE WARNING LIGHT

Defogger

NO.	COMPONENTS
1	DEFOGGER S/W
2	REAR WINDOW DEFOGGER

Dump

NO.	COMPONENTS
1	DUMP WARNING BUZZER
2	DUMP WARNING BUZZER S/W
3	GAUGE WEIGHT RECEIVER
4	GAUGE WEIGHT SENDER
5	PTO INDICATOR LIGHT
6	PTO INDICATOR LIGHT S/W

EDIC

NO.	COMPONENTS
1	EDIC MOTOR
2	EDIC RELAY
3	OIL PRESSURE S/W
57	FUSIBLE LINK
59	IG MAIN RELAY

Emission Control

NO.	COMPONENTS
1	EMISSION CONTROL COMPUTER
2	EMISSION CONTROL RELAY
3	TCP S/W
4	VSV
5	VSV (EGR)
6	VSV (TCS)
7	VSV (TP)
8	WATER TEMP. S/W
56	FUEL CUT SOLENOID
67	SPEED SENSOR
68	THERMO S/W
69	VACUUM S/W

Exhaust Brake

NO.	COMPONENTS
1	EXHAUST BRAKE ACCEL S/W
2	EXHAUST BRAKE BUTTERFLY SOLENOID
3	EXHAUST BRAKE CLUTCH S/W
4	EXHAUST BRAKE COMPUTER
5	EXHAUST BRAKE GENERATOR
6	EXHAUST BRAKE INDICATOR LIGHT
7	EXHAUST BRAKE MAIN S/W
8	EXHAUST BRAKE NEUTRAL START S/W
9	EXHAUST BRAKE RETARDER RELAY
10	EXHAUST BRAKE SOLENOID
56	FUEL CUT SOLENOID
67	SPEED SENSOR

Fog Light

NO.	COMPONENTS
1	FOG LIGHT, RH
2	FOG LIGHT, LH
3	FOG LIGHT S/W

Glow Plug

NO.	COMPONENTS
1	DROPPING RESISTOR
2	GLOW PLUG
3	GLOW PLUG CONTROLLER
4	GLOW PLUG RELAY
5	GLOW PLUG RELAY (For After Glow)
6	GLOW PLUG S/W
7	GLOW PLUG TIMER
8	M4 RELAY
9	SENSING RESISTOR
10	WATER THERMO SENSOR
56	FUEL CUT SOLENOID
58	GLOW PLUG INDICATOR LIGHT

Headlight

NO.	COMPONENTS
1	DIMMER S/W
2	HEADLIGHT, RH
3	HEADLIGHT, LH
4	HEADLIGHT RELAY
5	HIGH BEAM INDICATOR LIGHT
61	LIGHT CONTROL S/W
72	DIMMER RELAY

Headlight Cleaner

NO.	COMPONENTS
1	HEADLIGHT CLEANER MOTOR
2	HEADLIGHT CLEANER RELAY

Horn

NO.	COMPONENTS
1	HORN
2	HORN, Hi
3	HORN, Lo
4	HORN, RH
5	HORN, LH
6	HORN RELAY
7	HORN S/W

Ignition

NO.	COMPONENTS
1	DISTRIBUTOR
2	IGNITER
3	IGNITION COIL
4	IGNITION COIL (With Resistor)
5	PICKUP COIL
55	CONDENSER
64	RESISTOR

Interior Light

NO.	COMPONENTS
1	BACK DOOR S/W
2	CENTER DOOR INDICATOR LIGHT
3	CENTER DOOR INDICATOR LIGHT S/W
4	DOOR COURTESY LIGHT, FRONT
5	DOOR COURTESY S/W, FRONT
6	DOOR COURTESY S/W, FRONT RH
7	DOOR COURTESY S/W, FRONT LH
8	DOOR COURTESY S/W, REAR RH
9	DOOR COURTESY S/W, REAR LH
10	DOOR COURTESY S/W, SLIDE RH
11	DOOR COURTESY S/W, SLIDE LH
12	INTERIOR LIGHT
13	INTERIOR LIGHT, REAR
14	INTERIOR LIGHT S/W
15	INTERIOR LIGHT S/W, REAR
16	LUGGAGE ROOM LIGHT
17	LUGGAGE ROOM LIGHT S/W
18	STEP LIGHT
60	INSPECTION LIGHT SOCKET

Power Source

NO.	COMPONENTS
1	AMMETER
2	BATTERY
3	IGNITION S/W
57	FUSIBLE LINK

Radio and Stereo

NO.	COMPONENTS
1	DC-DC CONVERTER
2	MICROPHONE
3	RADIO
4	RADIO & STEREO
5	SPEAKER
6	SPEAKER, FRONT RH
7	SPEAKER, FRONT LH
8	SPEAKER, REAR RH
9	SPEAKER, REAR LH
10	SPEAKER, RH
11	SPEAKER, LH

Rear Air Conditioner

NO.	COMPONENTS
1	BLOWER MOTOR RESISTOR, REAR
2	HEATER BLOWER MOTOR, REAR
3	HEATER BLOWER S/W & INDICATOR LIGHT, REAR
4	HEATER BLOWER S/W, REAR
5	HEATER RELAY, REAR

Rear Fog Light

NO.	COMPONENTS
1	REAR FOG INDICATOR LIGHT
2	REAR FOG LIGHT
3	REAR FOG LIGHT RELAY
4	REAR FOG LIGHT S/W

Rear Wiper and Washer

NO.	COMPONENTS
1	WASHER MOTOR, REAR
2	WASHER S/W, REAR
3	WIPER MOTOR, REAR
4	WIPER S/W, REAR

Sedimenter

NO.	COMPONENTS
65	SEDIMENTER WARNING LIGHT
66	SEDIMENTER WARNING LIGHT S/W

Starting

NO.	COMPONENTS
1	NEUTRAL START S/W
2	OVER INJECTION MAGNET
3	STARTER MOTOR
4	STARTER RELAY
5	SUB STARTER S/W

Stop

NO.	COMPONENTS
1	STOP LIGHT S/W
2	STOP LIGHT, RH
3	STOP LIGHT, LH

Tachograph

NO.	COMPONENTS
1	TACHOGRAPH
2	TACHOGRAPH LIGHT

Taillight and Illumination

NO.	COMPONENTS
1	CIGARETTE LIGHTER LIGHT
2	CLEARANCE LIGHT, RH
3	CLEARANCE LIGHT, LH
4	COMBINATION METER LIGHT
5	COOLER CONTROL PANEL LIGHT
6	GLOVE BOX LIGHT
7	GLOVE BOX LIGHT S/W
8	HEATER CONTROL PANEL LIGHT
9	INSTRUMENT PANEL LIGHT
10	LICENSE PLATE LIGHT
11	LICENSE PLATE LIGHT, RH
12	LICENSE PLATE LIGHT, LH
13	OIL PRESSURE INDICATOR LIGHT
14	REAR COMBINATION LIGHTS FAILURE RELAY
15	RHEOSTAT
16	SPEEDOMETER LIGHT
17	SWITCH LIGHT
18	TACHOMETER LIGHT
19	TAILLIGHT, RH
20	TAILLIGHT, LH
21	TAILLIGHT RELAY
22	THERMOMETER INDICATOR LIGHT
23	WEIGHT METER LIGHT
60	INSPECTION LIGHT SOCKET
61	LIGHT CONTROL S/W
64	RESISTOR

Thermometer

NO.	COMPONENTS
1	THERMOMETER
2	THERMO SENSOR, FRONT
3	THERMO SENSOR, REAR

Trailer Socket

NO.	COMPONENTS
1	TRAILER SOCKET
2	TRAILER SOCKET CHANGE OVER S/W

Turn Signal and Hazard

NO.	COMPONENTS
1	FLASHER RELAY
2	HAZARD RED INDICATOR LIGHT
3	HAZARD RED INDICATOR LIGHT RELAY
4	HAZARD S/W
5	QUICK FLASHER RELAY
6	TURN SIGNAL LIGHT, FRONT RH
7	TURN SIGNAL LIGHT, FRONT LH
8	TURN SIGNAL LIGHT, INDICATOR RH
9	TURN SIGNAL LIGHT, INDICATOR LH
10	TURN SIGNAL LIGHT, REAR RH
11	TURN SIGNAL LIGHT, REAR LH
12	TURN SIGNAL LIGHT, SIDE RH
13	TURN SIGNAL LIGHT, SIDE LH
14	TURN SIGNAL RELAY, RH
15	TURN SIGNAL RELAY, LH
16	TURN SIGNAL S/W

Two-Speed

NO.	COMPONENTS
1	TWO-SPEED INDICATOR LIGHT S/W
2	TWO-SPEED INDICATOR LIGHT, RH
3	TWO-SPEED INDICATOR LIGHT, LH

Winch

NO.	COMPONENTS
1	MAGNET S/W
2	WINCH CONTROL S/W
3	WINCH MOTOR

Windshield Wiper and Washer

NO.	COMPONENTS
1	WINDSHIELD WASHER MOTOR
2	WINDSHIELD WASHER S/W
3	WINDSHIELD WIPER MOTOR
4	WINDSHIELD WIPER S/W
5	WIPER RELAY (High)
6	WIPER RELAY (Low)
7	WIPER RELAY (Intermittent)

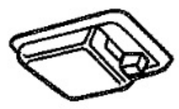
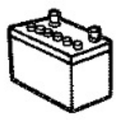
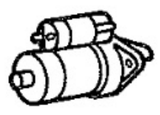
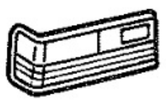
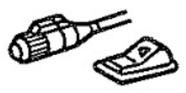
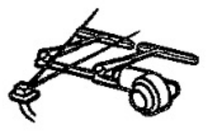
Work Light

NO.	COMPONENTS
1	WORK INDICATOR LIGHT
2	WORK LIGHT
3	WORK LIGHT S/W

SYSTEM INDEX

BUV

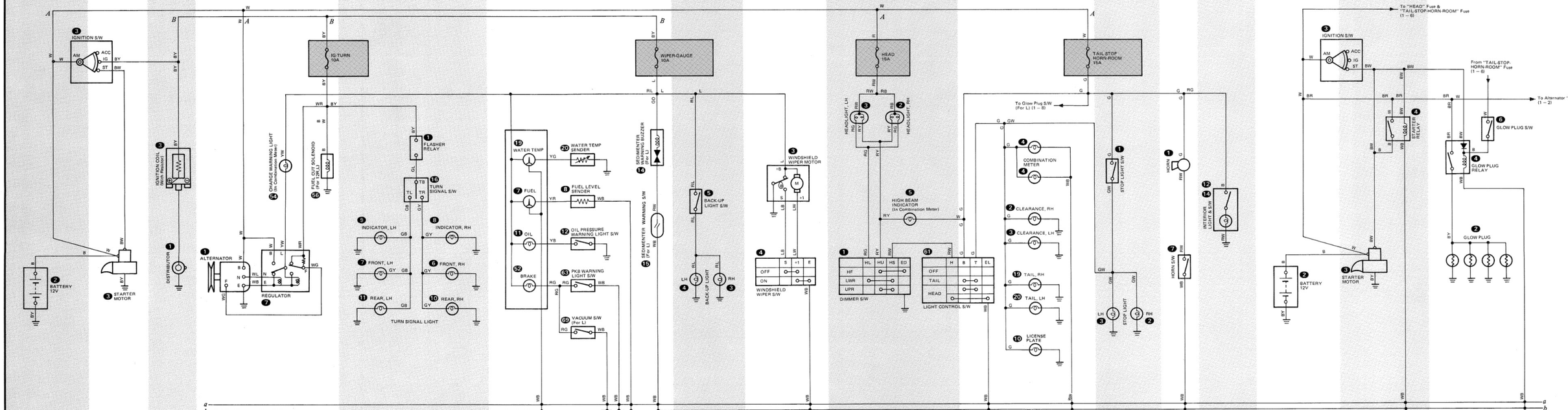
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BUV ELECTRICAL WIRING DIAGRAM-1982 Production Vehicles (Page 1)

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1 | 2 | 3 | 4 | 5 | 6 | 7 | 8



Ground points

a = Located on driver near frasher relay
b = Located on right side of apron fender

Point à terre

a = Monté côté conducteur près du relais de clignotants
b = Monté sur le côté droit du garde-boue

Erdschlußpunkt

a = Angebracht am Fahrersitz neben dem blinkgeber
b = Angebracht an der rechten Seite der Kotflügelschürze

Punto de conexión con tierra

a = Situado en el asiento del conductor cerca del relé del destellador
b = Situado en el lado derecho del zócalo del guardabarros

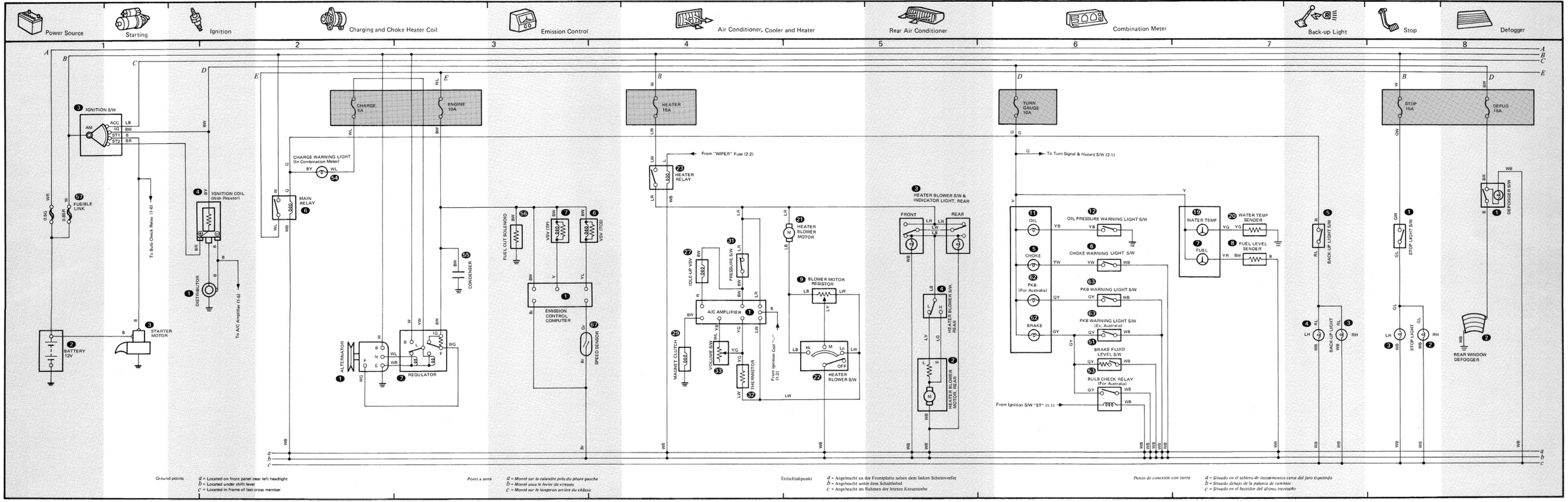
SYSTEM INDEX

LITEACE

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Power Source | Starting | Ignition | Charging and Choke Heater Coil | Emission Control | Air Conditioner, Cooler and Heater | Rear Air Conditioner | Combination Meter | Back-up Light | Stop | Defogger

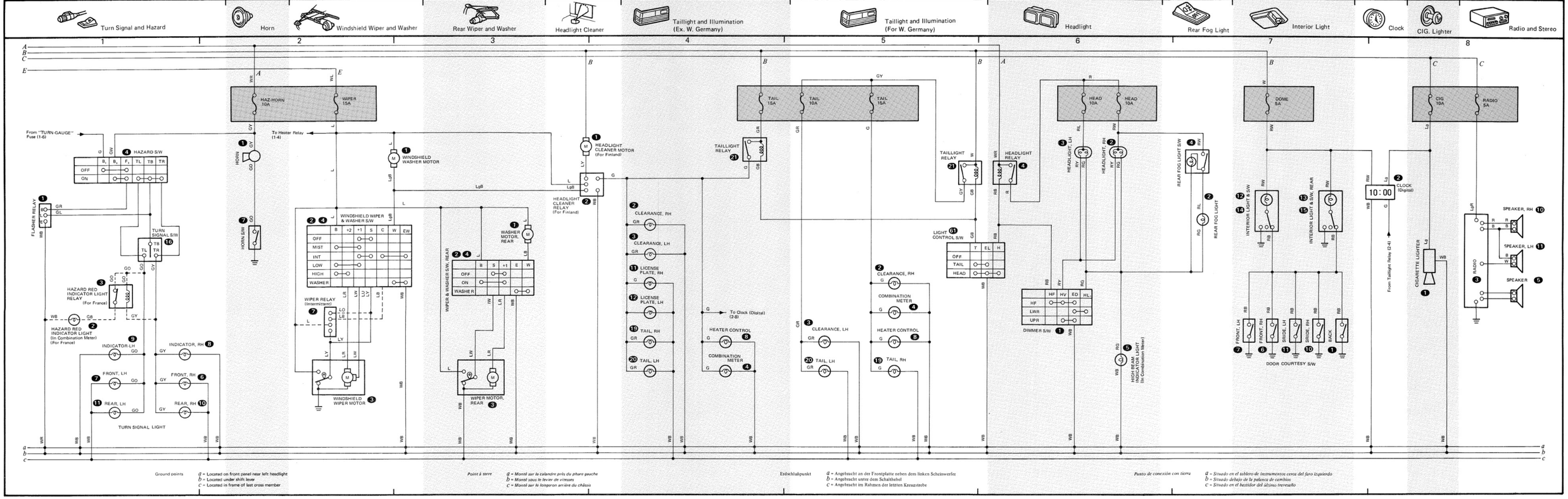


Ground points
a = Located on front panel near left headlight
b = Located under shift lever
c = Located in frame of last cross member

Point a terre
a = Monté sur le calandre près du phare gauche
b = Monté sous le levier de vitesses
c = Monté sur le longeron arrière du châssis

Erdschlußpunkt
a = Angebracht an der Frontplatte neben dem linken Scheinwerfer
b = Angebracht unter dem Schalthebel
c = Angebracht im Rahmen der letzten Kreuzstrebe

Punto de conexión con tierra
a = Situado en el tablero de instrumentos cerca del faro izquierdo
b = Situado debajo de la palanca de cambios
c = Situado en el bastidor del último travesaño

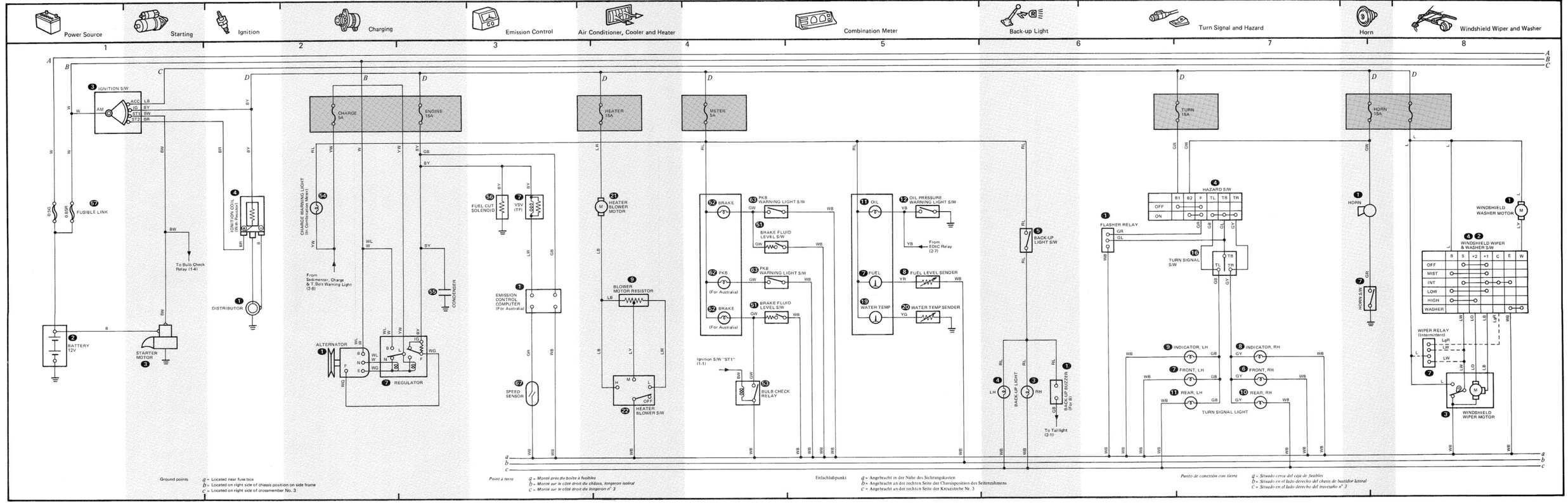

Turn Signal and Hazard
Horn
Windshield Wiper and Washer
Rear Wiper and Washer
Headlight Cleaner
Taillight and Illumination (Ex. W. Germany)
Taillight and Illumination (For W. Germany)
Headlight
Rear Fog Light
Interior Light
Clock
CIG. Lighter
Radio and Stereo
1
2
3
4
5
6
7
8
A
B
C
E
a
b
c
HAZ-HORN 10A
WIPER 15A
TAIL 15A
TAIL 10A
TAIL 15A
HEAD 10A
HEAD 10A
DOME 5A
CIG 10A
RADIO 5A
From "TURN-GAUGE" Fuse (1-6)
To Heater Relay (1-4)
HAZARD S/W
HORN
HORN S/W
FLASHER RELAY
TURN SIGNAL S/W
HAZARD RED INDICATOR LIGHT RELAY (For France)
HAZARD RED INDICATOR LIGHT (In Combination Meter) (For France)
INDICATOR LH
INDICATOR, RH
FRONT, LH
FRONT, RH
REAR, LH
REAR, RH
TURN SIGNAL LIGHT
WINDSHIELD WASHER MOTOR
WINDSHIELD WIPER & WASHER S/W
WIPER RELAY (Intermittent)
WINDSHIELD WIPER MOTOR
WASHER MOTOR, REAR
WIPER & WASHER S/W, REAR
WIPER MOTOR, REAR
HEADLIGHT CLEANER MOTOR (For Finland)
HEADLIGHT CLEANER RELAY (For Finland)
CLEARANCE, RH
CLEARANCE, LH
LICENSE PLATE, RH
LICENSE PLATE, LH
TAIL, RH
TAIL, LH
TAILLIGHT RELAY
To Clock (Digital) (2-8)
HEATER CONTROL
COMBINATION METER
TAILLIGHT RELAY
LIGHT CONTROL S/W
HEADLIGHT RELAY
HEADLIGHT, LH
HEADLIGHT, RH
REAR FOG LIGHT S/W
REAR FOG LIGHT
DIMMER S/W
HIGH BEAM INDICATOR LIGHT (In Combination Meter)
INTERIOR LIGHT S/W
INTERIOR LIGHT S/W, REAR
FRONT, LH
FRONT, RH
SLIDE, LH
SLIDE, RH
BACK
DOOR COURTESY S/W
CLOCK (Digital)
From Taillight Relay (2-4)
CIGARETTE LIGHTER
RADIO
SPEAKER, RH
SPEAKER, LH
SPEAKER
Ground points
a = Located on front panel near left headlight
b = Located under shift lever
c = Located in frame of last cross member
Point à terre
a = Monté sur la calandre près du phare gauche
b = Monté sous le levier de vitesses
c = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht an der Frontplatte neben dem linken Scheinwerfer
b = Angebracht unter dem Schalthebel
c = Angebracht im Rahmen der letzten Kreuzstrebe
Punto de conexión con tierra
a = Situado en el tablero de instrumentos cerca del faro izquierdo
b = Situado debajo de la palanca de cambios
c = Situado en el bastidor del último travesaño

SYSTEM INDEX

TOYOACE

1982 Production Vehicles (Page 1 to Page 2)

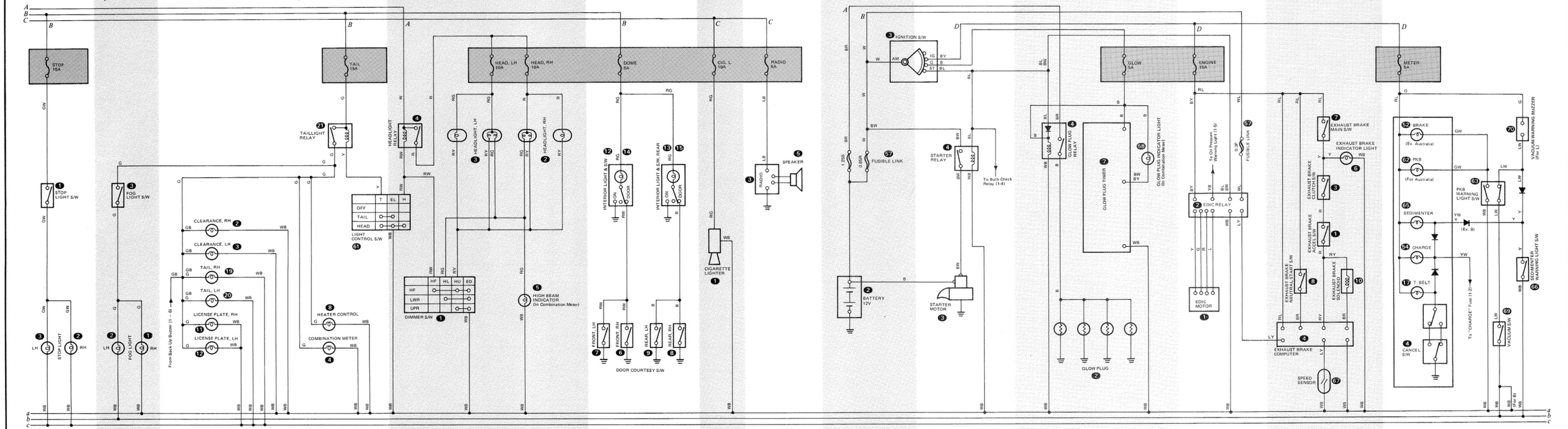
SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	1-4
Back-up Light	1-6
Charging and Choke Heater Coil	1-2
CIG. Lighter	2-4
Combination Meter	1-5, 2-8
EDIC	2-7
Emission Control	1-3
Exhaust Brake	2-7
Fog Light	2-1
Glow Plug	2-6
Headlight	2-3
Horn	1-7
Ignition	1-2
Interior Light	2-4
Power Source	1-1, 2-5
Radio and Stereo	2-4
Starting	1-1, 2-5
Stop	2-1
Taillight and Illumination	2-2
Turn Signal and Hazard	1-7
Windshield Wiper and Washer	1-8


Power Source
Starting
Ignition
Charging
Emission Control
Air Conditioner, Cooler and Heater
Combination Meter
Back-up Light
Turn Signal and Hazard
Horn
Windshield Wiper and Washer
1
2
3
4
5
6
7
8
IGNITION S/W
BATTERY 12V
STARTER MOTOR
DISTRIBUTOR
IGNITION COIL (With Resistor)
FUSIBLE LINK
To Bulb Check Relay (1-4)
CHARGE 5A
ENGINE 15A
CHARGE WARNING LIGHT (In Combination Meter)
From Sub-mentor, Charge & T. Belt Warning Light (2-8)
ALTERNATOR
REGULATOR
CONDENSER
FUEL CUT SOLENOID
VSV (TP)
EMISSION CONTROL COMPUTER (For Australia)
SPEED SENSOR
HEATER 15A
HEATER BLOWER MOTOR
BLOWER MOTOR RESISTOR
HEATER BLOWER S/W
METER 5A
BRAKE
PKB WARNING LIGHT S/W
BRAKE FLUID LEVEL S/W
PKB
(For Australia)
OIL
OIL PRESSURE WARNING LIGHT S/W
From EDIC Relay (2-7)
FUEL
FUEL LEVEL SENDER
WATER TEMP
WATER TEMP SENDER
Ignition S/W "ST1" (1-1)
BULB CHECK RELAY
BACK-UP LIGHT S/W
BACK-UP LIGHT
BACK-UP BUZZER (For B)
To Taillight (2-1)
TURN 15A
HAZARD S/W
FLASHER RELAY
TURN SIGNAL S/W
INDICATOR, LH
INDICATOR, RH
FRONT, LH
FRONT, RH
REAR, LH
REAR, RH
TURN SIGNAL LIGHT
HORN 15A
HORN
HORN S/W
WINDSHIELD WASHER MOTOR
WINDSHIELD WIPER & WASHER S/W
WIPER RELAY (Intermittent)
WINDSHIELD WIPER MOTOR
Ground points
a = Located near fuse box
b = Located on right side of chassis position on side frame
c = Located on right side of crossmember No. 3
Point à terre
a = Monté près du boîte à fusibles
b = Monté sur le côté droit de châssis, longeron latéral
c = Monté sur le côté droit de longeron n° 3
Erdanschlußpunkt
a = Angebracht in der Nähe des Sicherungskasten
b = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens
c = Angebracht an der rechten Seite der Kreuzstrebe Nr. 3
Punto de conexión con tierra
a = Situado cerca del caja de fusibles
b = Situado en el lado derecho del chasis de bastidor lateral
c = Situado en el lado derecho del travesaño n° 3

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Stop | Fog Light | Taillight and Illumination | Headlight | Interior Light | CIG. Lighter | Radio | Power Source | Starting | Glow Plug | EDIC (For 2J, B) | Exhaust Brake | Combination Meter (For L, 2J, B)

1 2 3 4 5 6 7 8



Ground points
a = Located near fuse box
b = Located on right side of chassis position on side frame
c = Located on right side of crossmember No. 3

Point à terre
a = Monté près du boîte à fusibles
b = Monté sur le côté droit du châssis, longeron latéral
c = Monté sur le côté droit du longeron n° 3

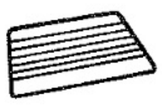
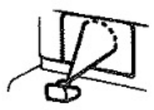
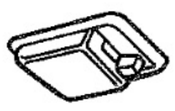
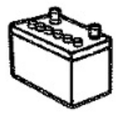
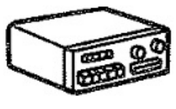
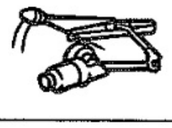
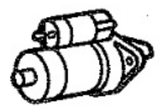
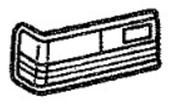
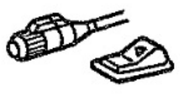
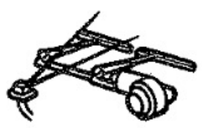
Erdschlußpunkt
a = Angebracht in der Nähe des Sicherungskasten
b = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens
C = Angebracht an der rechten Seite der Kreuzstrebe Nr. 3

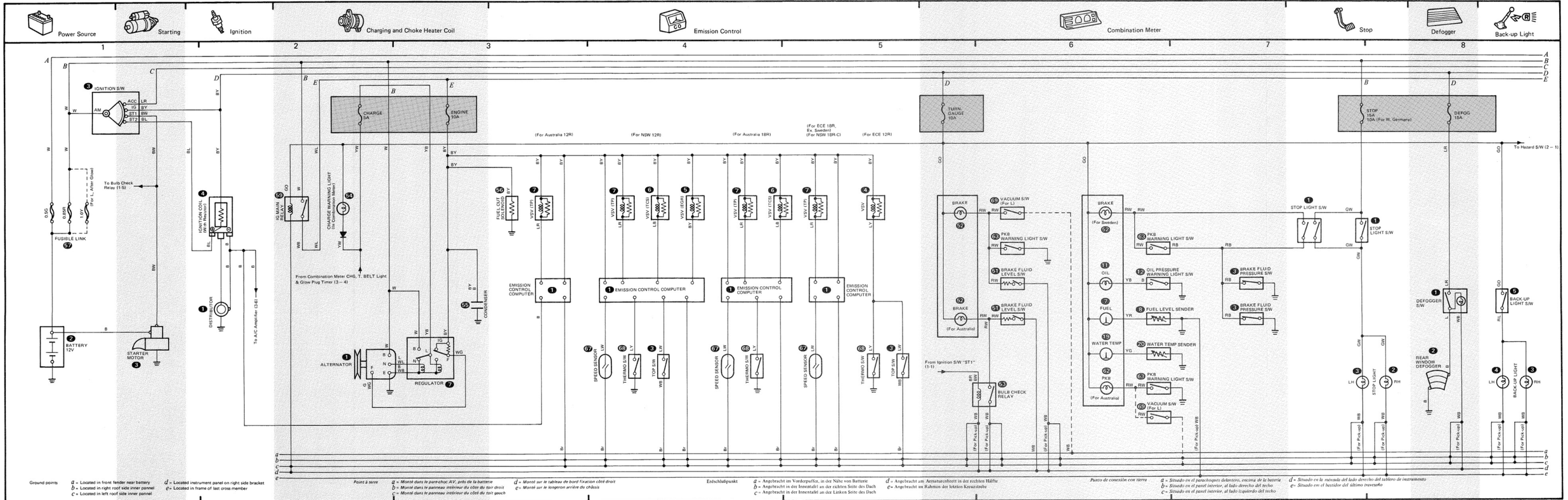
Punto de conexión con tierra
a = Situado cerca del caja de fusibles
b = Situado en el lado derecho del chasis de bastidor lateral
c = Situado en el lado derecho del travesaño nº 3

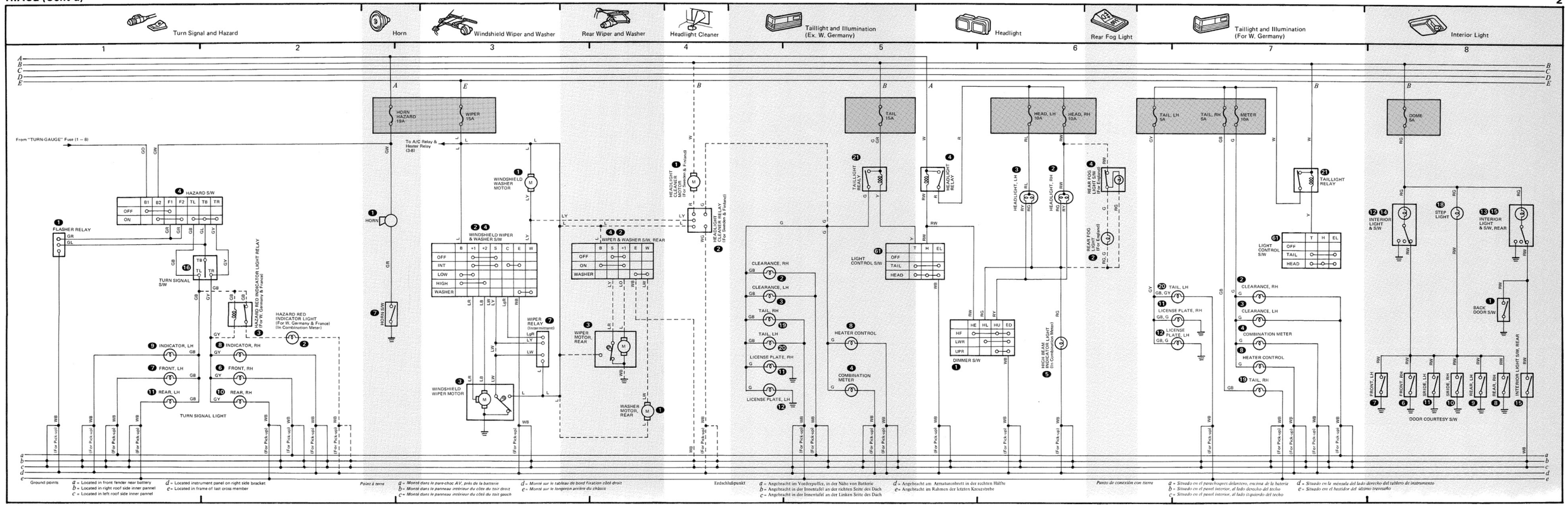
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1982 Production Vehicles (Page 1 to Page 3)

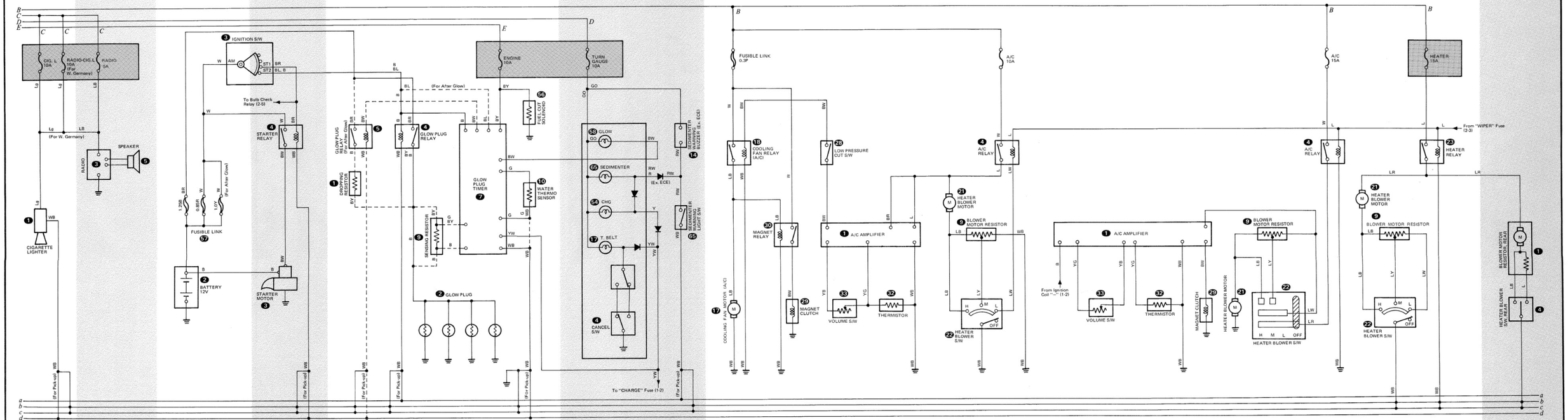
SYSTEMS		LOCATION
Air Conditioner, Cooler and Heater		3-6
Back-up Light		1-8
Charging and Choke Heater Coil		1-2
CIG. Lighter		3-1
Combination Meter		1-6, 3-4
Defogger		1-8
Emission Control		1-4
Glow Plug		3-3
Headlight		2-6
Headlight Cleaner		2-4
Horn		2-2
Ignition		1-2
Interior Light		2-8
Power Source		1-1, 3-2
Radio and Stereo		3-1
Rear Air Conditioner		3-3
Rear Fog Light		2-6
Rear Wiper and Washer		2-4
Starting		1-1, 3-2
Stop		1-7
Taillight and Illumination		2-5, 2-7
Turn Signal and Hazard		2-1
Windshield Wiper and Washer		2-3


Power Source
Starting
Ignition
Charging and Choke Heater Coil
Emission Control
Combination Meter
Stop
Defogger
Back-up Light
1
2
3
4
5
6
7
8
3 IGNITION S/W
ACC LR
IG BY
ST1 BW
ST2 BL
AM W
4 IGNITION COIL (W/ In Resistor)
1 DISTRIBUTOR
2 BATTERY 12V
3 STARTER MOTOR
1 ALTERNATOR
REGULATOR 7
0.5G
0.85R
1.0Y (For L, Altn Glow)
FUSIBLE LINK 57
To Bulb Check Relay (1-5)
To A/C Amplifier (3-6)
From Combination Meter CHG, T. BELT Light & Glow Plug Timer (3—4)
CHARGE 5A
ENGINE 10A
IG MAIN 10A
CHARGE WARNING LIGHT (In Combination Meter)
CONDENSER
FUEL CUT SOLENOID
EMISSION CONTROL COMPUTER
VSV (ITP)
VSV (TCS)
VSV (EGR)
VSV
SPEED SENSOR
THERMO S/W
TOP S/W
(For Australia 12R)
(For NSW 12R)
(For Australia 18R)
(For ECE 18R, Ex. Sweden) (For NSW 18R-C)
(For ECE 12R)
TURN GAUGE 10A
BRAKE
VACUUM S/W (For L)
PKB WARNING LIGHT S/W
BRAKE FLUID LEVEL S/W
BULB CHECK RELAY
From Ignition S/W "ST1" (1-1)
(For Australia)
(For Sweden)
OIL
FUEL
WATER TEMP
OIL PRESSURE WARNING LIGHT S/W
FUEL LEVEL SENDER
WATER TEMP SENDER
BRAKE FLUID PRESSURE S/W
STOP 15A 10A (For W. Germany)
STOP LIGHT S/W
STOP LIGHT
To Hazard S/W (2 — 1)
DEFOG 15A
DEFOGGER S/W
REAR WINDOW DEFOGGER
BACK UP LIGHT S/W
BACK UP LIGHT
(For Pick-up)
Ground points
a = Located in front fender near battery
b = Located in right roof side inner pannel
c = Located in left roof side inner pannel
d = Located instrument panel on right side bracket
e = Located in frame of last cross member
Point à terre
a = Monté dans le pare-choc AV, près de la batterie
b = Monté dans le panneau intérieur du côté du toit droit
c = Monté dans le panneau intérieur du côté du toit gauch
d = Monté sur le tableau de bord Fixation côté droit
e = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht im Vorderpuffer, in der Nähe von Batterie
b = Angebracht in der Innenfadl an der richten Seite des Dach
c = Angebracht in der Innenfadl an der Linken Seite des Dach
d = Angebracht am Armaturenbrett in der rechten Hälfte
e = Angebracht im Rahmen der letzten Kreuzstrebe
Punto de conexión con tierra
a = Situado en el parachoques delantero, encima de la batería
b = Situado en el panel interior, al lado derecho del techo
c = Situado en el panel interior, al lado izquierdo del techo
d = Situado en la rejunda del lado derecho del tablero de instrumento
e = Situado en el bastidor del último travesaño


Turn Signal and Hazard
Horn
Windshield Wiper and Washer
Rear Wiper and Washer
Headlight Cleaner
Taillight and Illumination (Ex. W. Germany)
Headlight
Rear Fog Light
Taillight and Illumination (For W. Germany)
Interior Light
1
2
3
4
5
6
7
8
A
B
C
D
E
From "TURN-GAUGE" Fuse (1 – 8)
HORN HAZARD 10A
WIPER 15A
TAIL 15A
HEAD, LH 10A
HEAD, RH 10A
TAIL, LH 5A
TAIL, RH 5A
METER 10A
DOME 5A
To A/C Relay & Heater Relay (3-8)
HAZARD S/W
FLASHER RELAY
TURN SIGNAL S/W
HAZARD RED INDICATOR LIGHT RELAY (For W. Germany & France)
HAZARD RED INDICATOR LIGHT (For W. Germany & France) (In Combination Meter)
INDICATOR, LH
INDICATOR, RH
FRONT, LH
FRONT, RH
REAR, LH
REAR, RH
TURN SIGNAL LIGHT
HORN
HORN S/W
WINDSHIELD WASHER MOTOR
WINDSHIELD WIPER & WASHER S/W
WINDSHIELD WIPER MOTOR
WIPER RELAY (Intermittent)
WIPER & WASHER S/W, REAR
WIPER MOTOR, REAR
WASHER MOTOR, REAR
HEADLIGHT CLEANER MOTOR (For Sweden & Finland)
HEADLIGHT CLEANER RELAY (For Sweden & Finland)
TAILLIGHT RELAY
LIGHT CONTROL S/W
CLEARANCE, RH
CLEARANCE, LH
TAIL, RH
TAIL, LH
LICENSE PLATE, RH
LICENSE PLATE, LH
HEATER CONTROL
COMBINATION METER
HEADLIGHT RELAY
DIMMER S/W
HEADLIGHT, LH
HEADLIGHT, RH
REAR FOG LIGHT S/W (For England)
REAR FOG LIGHT (For England)
HIGH REAR STOP LIGHT (In Combination Meter)
INTERIOR LIGHT & S/W
STEP LIGHT
INTERIOR LIGHT & S/W, REAR
BACK DOOR S/W
INTERIOR LIGHT S/W, REAR
DOOR COURTESY S/W
(For Pick-up)
Ground points
a = Located in front fender near battery
b = Located in right roof side inner pannel
c = Located in left roof side inner pannel
d = Located instrument panel on right side bracket
e = Located in frame of last cross member
Point à terre
a = Monté dans le pare-chac AV, près de la batterie
b = Monté dans le panneau intérieur du côté du toit droit
c = Monté dans le panneau intérieur du côté du toit gauch
d = Monté sur le tableau de bord fixation côté droit
e = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht im Vorderpuffer, in der Nähe von Batterie
b = Angebracht in der Innentafel an der rechten Seite des Dach
c = Angebracht in der Innentafel an der Linken Seite des Dach
d = Angebracht am Armaturenbrett in der rechten Hälfte
e = Angebracht im Rahmen der letzten Kreuzstrebe
Punto de conexión con tierra
a = Situado en el parachoques delantero, encima de la batería
b = Situado en el panel interior, al lado derecho del techo
c = Situado en el panel interior, al lado izquierdo del techo
d = Situado en la ménsula del lado derecho del tablero de instrumento
e = Situado en el bastidor del último travesaño

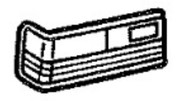
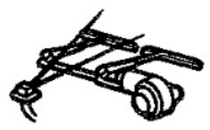
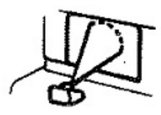
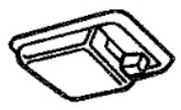
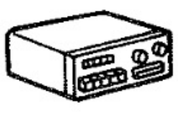
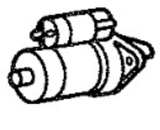
CIG. Lighter | Radio and Stereo | Power Source | Starting | Glow Plug | Combination Meter (For L) | Air Conditioner, Cooler and Heater | Rear Heater Air Conditioner

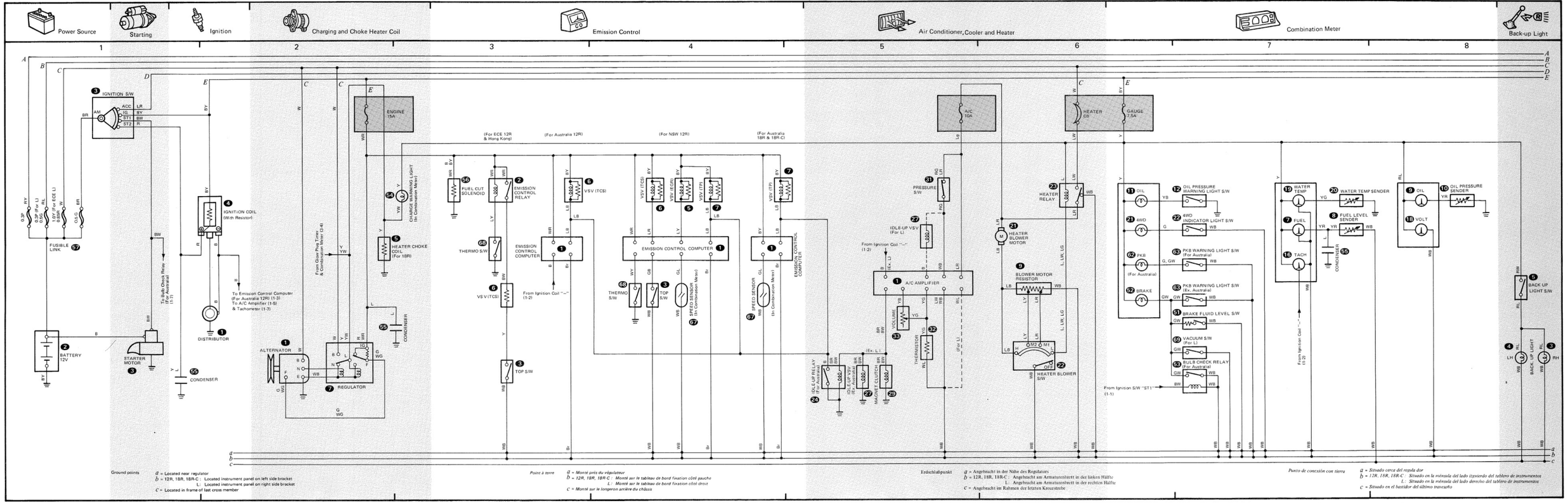
1 2 3 4 5 6 7 8



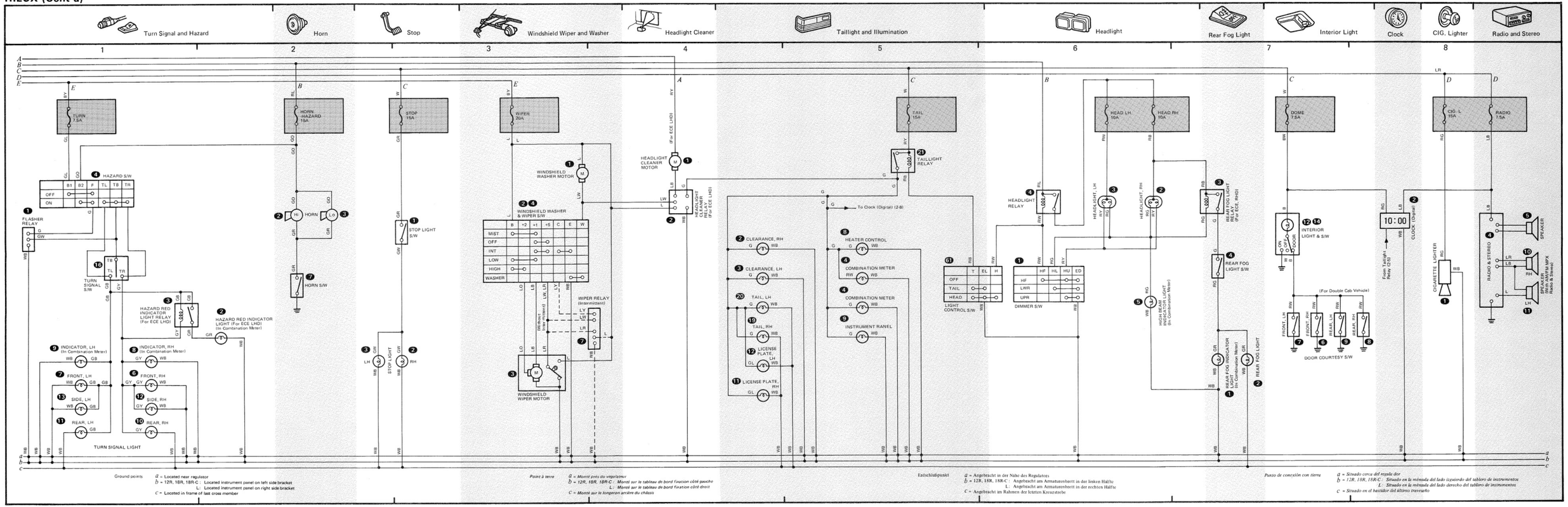
SYSTEM INDEX

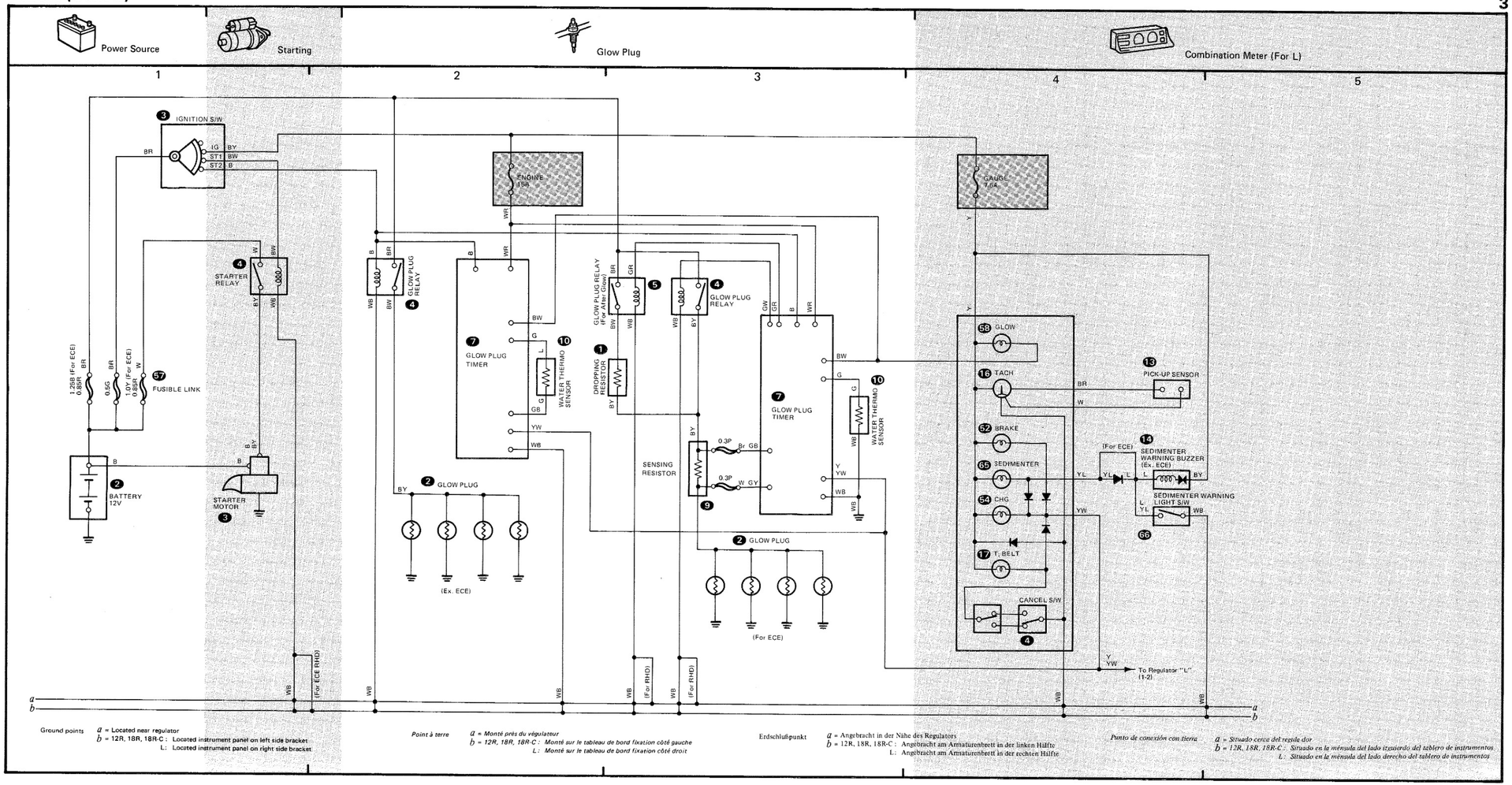
HILUX — 1982 Production Vehicles (Page 1 to Page 3)

SYSTEMS		LOCATION	SYSTEMS		LOCATION
Air Conditioner, Cooler and Heater		1-5	Taillight and Illumination		2-5
Back-up Light		1-8	Turn Signal and Hazard		2-1
Charging and Choke Heater Coil		1-2	Windshield Wiper and Washer		2-3
CIG. Lighter		2-8			
Clock		2-8			
Combination Meter		1-7, 3-4			
Emission Control		1-4			
Glow Plug		3-3			
Headlight		2-6			
Headlight Cleaner		2-4			
Horn		2-2			
Ignition		1-2			
Interior Light		2-7			
Power Source		1-1, 3-1			
Radio and Stereo		2-8			
Rear Fog Light		2-7			
Starting		1-1, 3-1			
Stop		2-3			


Power Source
Starting
Ignition
Charging and Choke Heater Coil
Emission Control
Air Conditioner, Cooler and Heater
Combination Meter
Back-up Light
1
2
3
4
5
6
7
8
IGNITION S/W
ACC
IG
ST1
ST2
AM
IGNITION COIL (With Resistor)
FUSIBLE LINK
BATTERY 12V
STARTER MOTOR
DISTRIBUTOR
CONDENSER
To Emission Control Computer (For Australia 12R) (1-3)
To A/C Amplifier (1-5)
& Tachometer (1-7)
To Bulb Check Relay (For Australia) (1-7)
ALTERNATOR
REGULATOR
ENGINE 15A
From Glow Plug Timer & Combination Meter (2-4)
CHARGE WARNING LIGHT (In Combination Meter)
HEATER CHOKE COIL (For 1BR)
(For ECE 12R & Hong Kong)
(For Australia 12R)
(For NSW 12R)
(For Australia 18R & 18R-C)
FUEL CUT SOLENOID
EMISSION CONTROL RELAY
THERMO S/W
VSV (TCS)
EMISSION CONTROL COMPUTER
From Ignition Coil "−" (1-2)
TOP S/W
VSV (EGR)
VSV (TP)
SPEED SENSOR (In Combination Meter)
A/C 10A
HEATER 10A
GAUGE 7.5A
PRESSURE S/W
IDLE-UP VSV (For L)
From Ignition Coil "−" (1-2)
A/C AMPLIFIER
VOLUME
THERMISTOR
IDLE-UP RELAY (For L)
IDLE-UP VSV (For L)
MAGNET CLUTCH
HEATER RELAY
HEATER BLOWER MOTOR
BLOWER MOTOR RESISTOR
HEATER BLOWER S/W
OIL PRESSURE WARNING LIGHT S/W
4WD
4WD INDICATOR LIGHT S/W
PKB (For Australia)
PKB WARNING LIGHT S/W (For Australia)
BRAKE
PKB WARNING LIGHT S/W (Ex. Australia)
BRAKE FLUID LEVEL S/W
VACUUM S/W (For L)
BULB CHECK RELAY (For Australia)
From Ignition S/W "ST1" (1-1)
WATER TEMP
FUEL
TACH
WATER TEMP SENDER
FUEL LEVEL SENDER
CONDENSER
From Ignition Coil "−" (1-2)
OIL
OIL PRESSURE SENDER
VOLT
BACK UP LIGHT S/W
BACK UP LIGHT
LH
RH
Ground points
a = Located near regulator
b = 12R, 18R, 18R-C : Located instrument panel on left side bracket
L: Located instrument panel on right side bracket
c = Located in frame of last cross member
Point à terre
a = Monté près du régulateur
b = 12R, 18R, 18R-C : Monté sur le tableau de bord fixation côté gauche
L: Monté sur le tableau de bord fixation côté droit
c = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht in der Nähe des Regulators
b = 12R, 18R, 18R-C : Angebracht am Armaturenbrett in der linken Hälfte
L: Angebracht am Armaturenbrett in der rechten Hälfte
c = Angebracht im Rahmen der letzten Kreuzstrebe
Punto de conexión con tierra
a = Situado cerca del regula dor
b = 12R, 18R, 18R-C : Situado en la rejmsula del lado izquierdo del tablero de instrumentos
L: Situado en la rejmsula del lado derecho del tablero de instrumentos
c = Situado en el bastidor del último travesaño

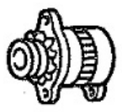
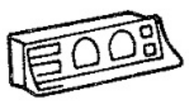
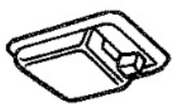
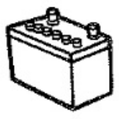
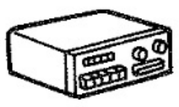
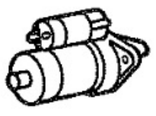
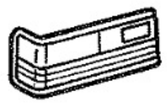
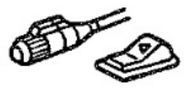
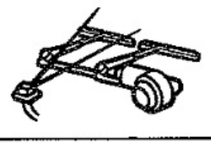
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Turn Signal and Hazard
Horn
Stop
Windshield Wiper and Washer
Headlight Cleaner
Taillight and Illumination
Headlight
Rear Fog Light
Interior Light
Clock
CIG. Lighter
Radio and Stereo
1
2
3
4
5
6
7
8
TURN 7.5A
HORN-HAZARD 15A
STOP 15A
WIPER 20A
TAIL 15A
HEAD LH 10A
HEAD RH 10A
DOME 7.5A
CIG. L 15A
RADIO 7.5A
4 HAZARD S/W
FLASHER RELAY
TURN SIGNAL S/W
HAZARD RED INDICATOR LIGHT RELAY (For ECE LHD)
2 HAZARD RED INDICATOR LIGHT (In Combination Meter)
9 INDICATOR, LH (In Combination Meter)
8 INDICATOR, RH (In Combination Meter)
7 FRONT, LH
6 FRONT, RH
13 SIDE, LH
12 SIDE, RH
11 REAR, LH
10 REAR, RH
TURN SIGNAL LIGHT
HORN
7 HORN S/W
STOP LIGHT S/W
STOP LIGHT
1 WINDSHIELD WASHER MOTOR
2 4 WINDSHIELD WASHER & WIPER S/W
WIPER RELAY (Intermittent)
3 WINDSHIELD WIPER MOTOR
HEADLIGHT CLEANER MOTOR
HEADLIGHT CLEANER RELAY (For ECE LHD)
21 TAILLIGHT RELAY
To Clock (Digital) (2-8)
2 CLEARANCE, RH
3 CLEARANCE, LH
20 TAIL, LH
15 TAIL, RH
12 LICENSE PLATE, LH
11 LICENSE PLATE, RH
8 HEATER CONTROL
4 COMBINATION METER
4 COMBINATION METER
9 INSTRUMENT PANEL
4 HEADLIGHT RELAY
6 LIGHT CONTROL S/W
1 DIMMER S/W
HEADLIGHT, LH
HEADLIGHT, RH
5 HIGH BEAM INDICATOR LIGHT (In Combination Meter)
4 REAR FOG LIGHT S/W
REAR FOG LIGHT RELAY (For ECE, RHD)
REAR FOG INDICATOR LIGHT (In Combination Meter)
2 REAR FOG LIGHT
12 14 INTERIOR LIGHT & S/W
DOOR
(For Double Cab Vehicle)
FRONT, LH
FRONT, RH
REAR, LH
REAR, RH
DOOR COURTESY S/W
From Taillight Relay (2-5)
2 CLOCK (Digital)
CIGARETTE LIGHTER
1
RADIO & STEREO
5 SPEAKER
10 TW
11 SPEAKER (Front Door Panel Mark Radio & Stereo)
OFF
ACC
ON
START
Ground points
a = Located near regulator
b = 12R, 18R, 18R-C : Located instrument panel on left side bracket
L: Located instrument panel on right side bracket
c = Located in frame of last cross member
Point à terre
a = Monté près du régulateur
b = 12R, 18R, 18R-C : Monté sur le tableau de bord fixation côté gauche
L : Monté sur le tableau de bord fixation côté droit
c = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht in der Nähe des Regulators
b = 12R, 18R, 18R-C : Angebracht am Armaturenbrett in der linken Hälfte
L : Angebracht am Armaturenbrett in der rechten Hälfte
c = Angebracht im Rahmen der letzten Kreuzstrebe
Punto de conexión con tierra
a = Situado cerca del regula dor
b = 12R, 18R, 18R-C : Situado en la ménsula del lado izquierdo del tablero de instrumentos
L : Situado en la ménsula del lado derecho del tablero de instrumentos
c = Situado en el bastidor del último travesaño

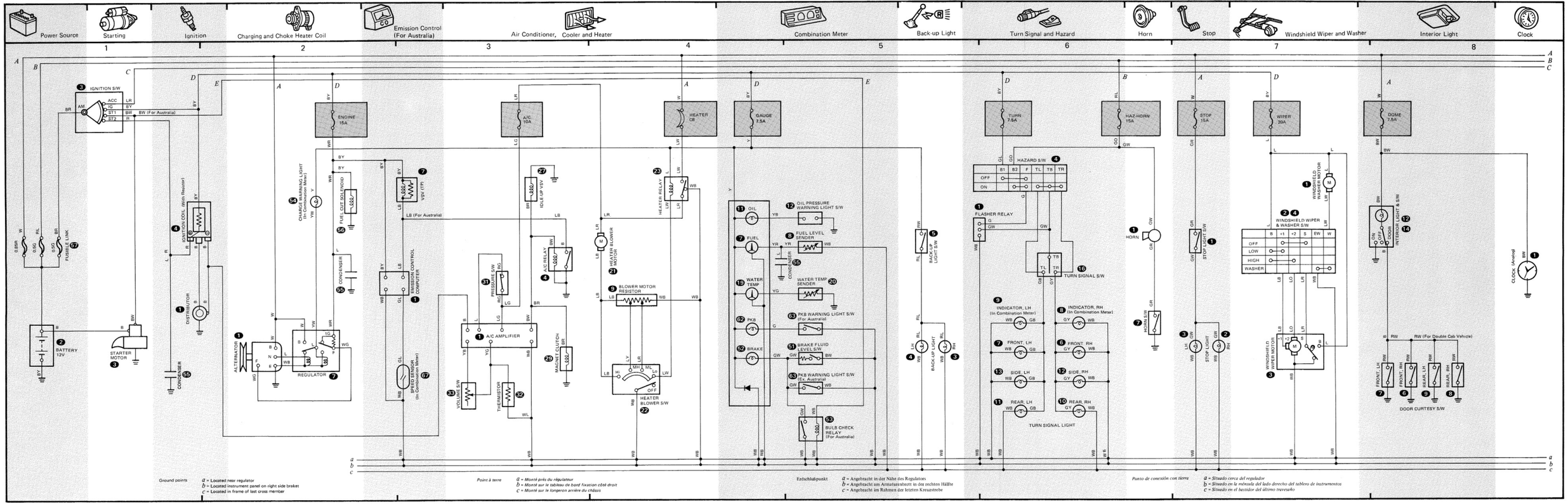

Power Source
Starting
Glow Plug
Combination Meter (For L)
1
2
3
4
5
IGNITION S/W
IG BY
ST1 BW
ST2 B
ENGINE 15A
GAUGE 7.5A
STARTER RELAY
GLOW PLUG RELAY
GLOW PLUG RELAY (For After Glow)
GLOW PLUG TIMER
WATER THERMO SENSOR
DROPPING RESISTOR
SENSING RESISTOR
1.25B (For ECE) 0.85R
0.5G
1.0Y (For ECE) 0.85R
FUSIBLE LINK
BATTERY 12V
STARTER MOTOR
GLOW PLUG
(Ex. ECE)
(For ECE)
(For RHD)
GLOW
TACH
PICK-UP SENSOR
BRAKE
SEDIMENTER
CHG
T. BELT
CANCEL S/W
SEDIMENTER WARNING BUZZER (Ex. ECE)
SEDIMENTER WARNING LIGHT S/W
To Regulator "L" (1-2)
Ground points
a = Located near regulator
b = 12R, 18R, 18R-C : Located instrument panel on left side bracket
L: Located instrument panel on right side bracket
Point à terre
a = Monté près du régulateur
b = 12R, 18R, 18R-C : Monté sur le tableau de bord fixation côté gauche
L: Monté sur le tableau de bord fixation côté droit
Erdschlußpunkt
a = Angebracht in der Nähe des Regulators
b = 12R, 18R, 18R-C : Angebracht am Armaturenbrett in der linken Hälfte
L: Angebracht am Armaturenbrett in der rechten Hälfte
Punto de conexión con tierra
a = Situado cerca del regula dor
b = 12R, 18R, 18R-C : Situado en la ménsula del lado izquierdo del tablero de instrumentos
L: Situado en la ménsula del lado derecho del tablero de instrumentos

SYSTEM INDEX

STOUT — 1982 Production Vehicles (Page 1 to Page 2)

SYSTEMS		LOCATION	SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater		1-3		
Back-up Light		1-5		
Charging and Choke Heater Coil		1-2		
CIG. Lighter		2-2		
Clock		1-8		
Combination Meter		1-5		
Emission Control		1-2		
Headlight		2-2		
Horn		1-6		
Interior Light		1-8		
Ignition		1-1		
Power Source		1-1		
Radio and Stereo		2-3		
Starting		1-1		
Stop		1-7		
Taillight and Illumination		2-1		
Turn Signal and Hazard		1-6		
Windshield Wiper and Washer		1-7		

STOUT ELECTRICAL WIRING DIAGRAM-1982 Production Vehicles (Page 1 to Page 2)

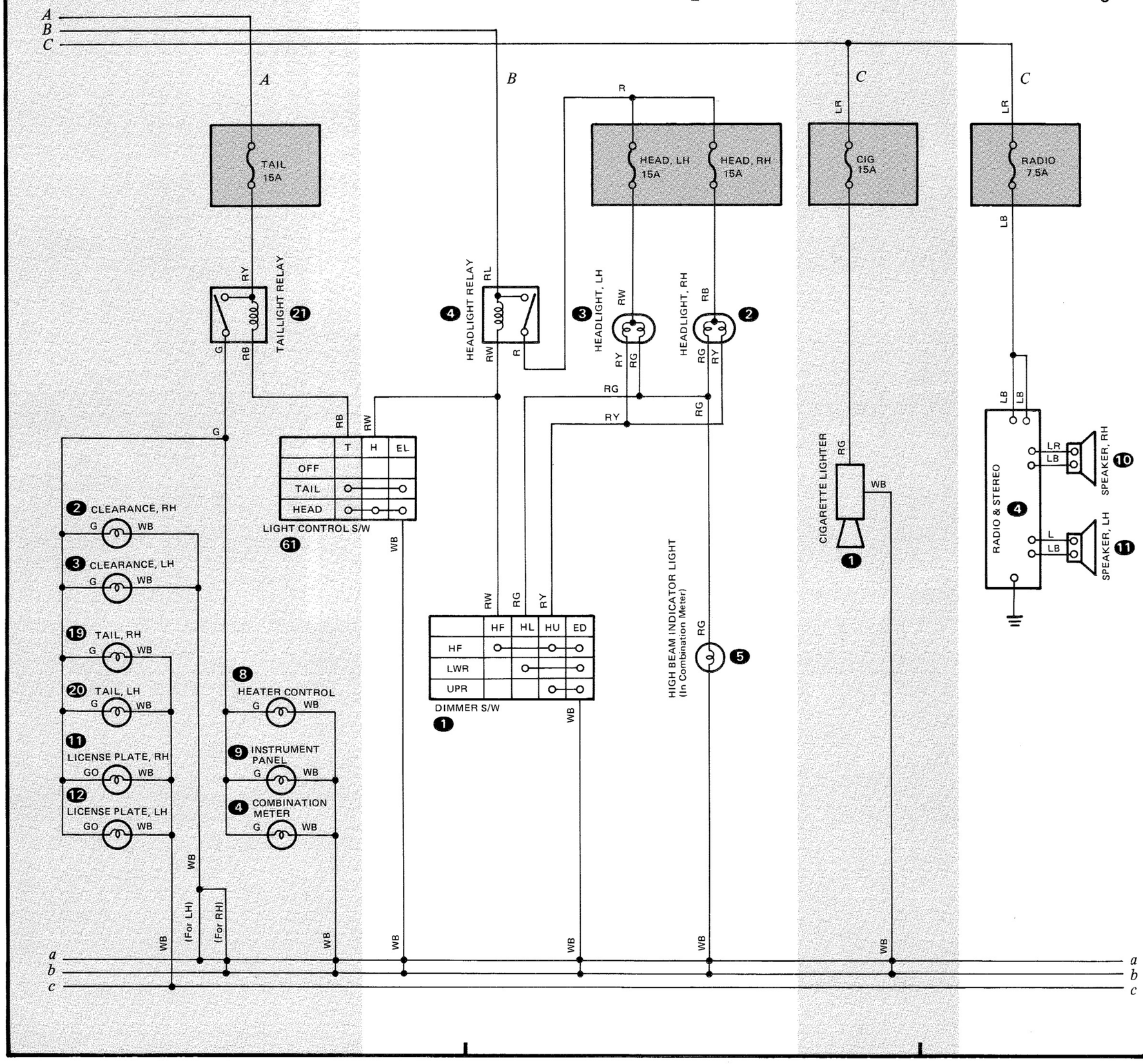


Taillight and Illumination

Headlight

CIG. Lighter

Radio and Stereo



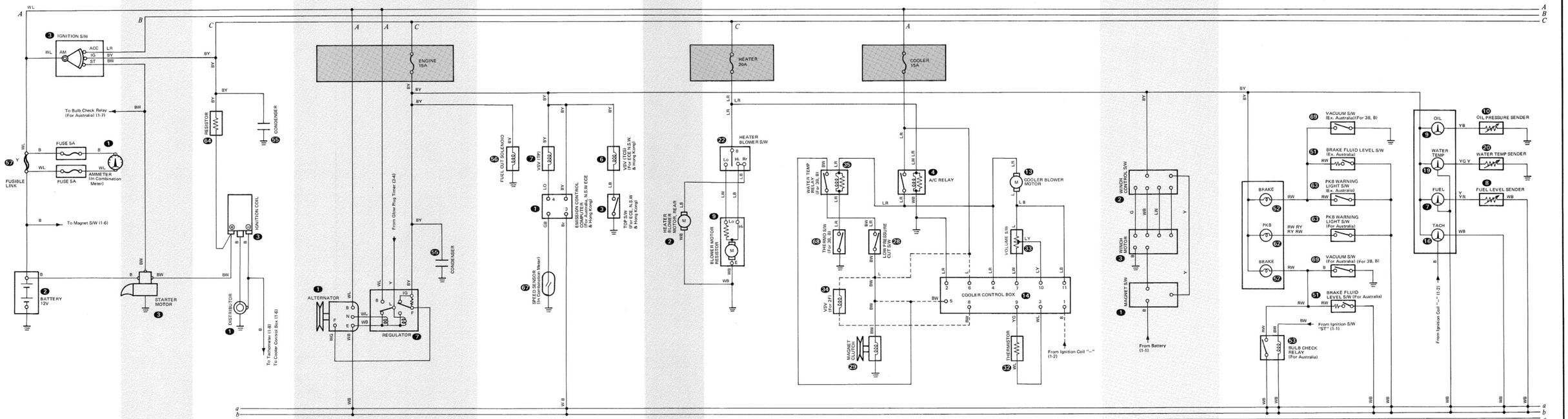
SYSTEM INDEX

LAND CRUISER FJ. BJ. HJ40 Series 1982 Production Vehicles (Page 1 to Page 3)

SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	1-5
Back-up Light	2-3
Charging and Choke Heater Coil	1-3
CIG. Lighter	2-8
Clock	2-7
Combination Meter	1-7, 3-4
EDIC	3-5
Emission Control	1-3
Fog Light	2-5
Glow Plug	3-3
Headlight	2-6
Headlight Cleaner	2-5
Horn	2-1
Ignition	1-2
Interior Light	2-7
Power Source	1-1, 3-1
Radio and Stereo	2-8
Rear Air Conditioner	1-4
Starting	1-1, 3-1
Stop	2-1
Taillight and Illumination	2-6
Trailer Socket	2-2
Turn Signal and Hazard	2-1
Winch	1-6
Windshield Wiper and Washer	2-4

Power Source | Starting | Ignition | Charging and Choke Heater Coil | Emission Control | Rear Air Conditioner | Air Conditioner, Cooler and Heater | Winch | Combination Meter

1 2 3 4 5 6 7 8



Ground points
a = Located on right side of dash panel
b = Located on left side of dash panel
c = Located on right side of chassis position on side frame

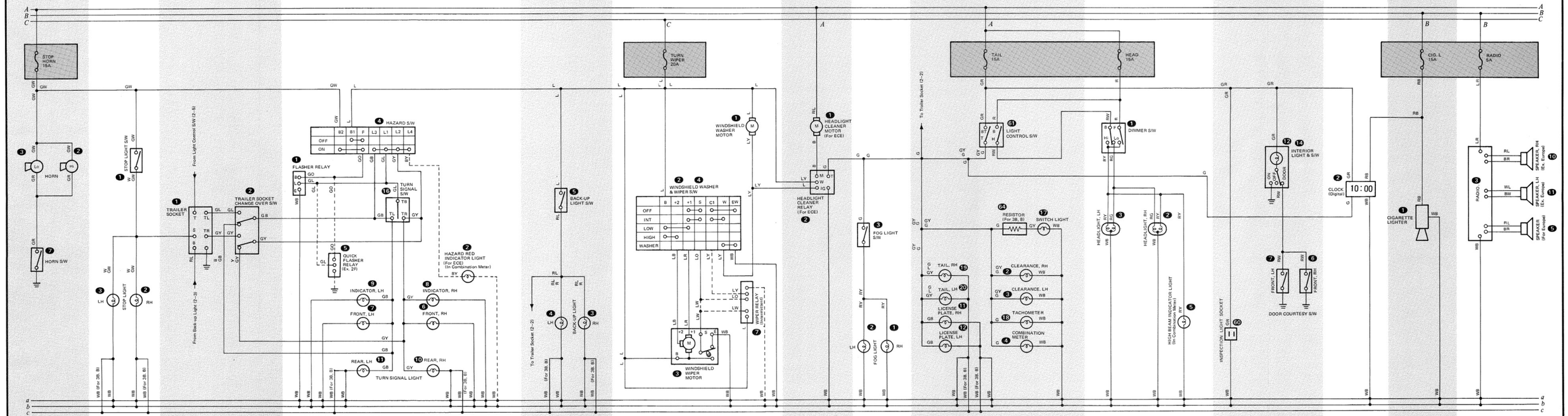
Point à terre
a = Monté sur le côté droit du tableau de bord
b = Monté sur le côté gauche du tableau de bord
c = Monté sur le côté droit du châssis, longeron latéral

Erdschlußpunkt
a = Angebracht an der rechten Seite des Armaturenbretts
b = Angebracht an der linken Seite des Armaturenbretts
c = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens

Punto de conexión con tierra
a = Situado en el lado derecho del tablero de instrumentos
b = Situado en el lado izquierdo del tablero de instrumentos
c = Situado en el lado derecho del chasis de bastidor lateral

Horn | Stop | Trailer Socket | Turn Signal and Hazard | Back-up Light | Windshield Wiper and Washer | Headlight Cleaner | Fog Light | Taillight and Illumination | Headlight | Interior Light | Clock | CIG. Lighter | Radio and Stereo

1 2 3 4 5 6 7 8

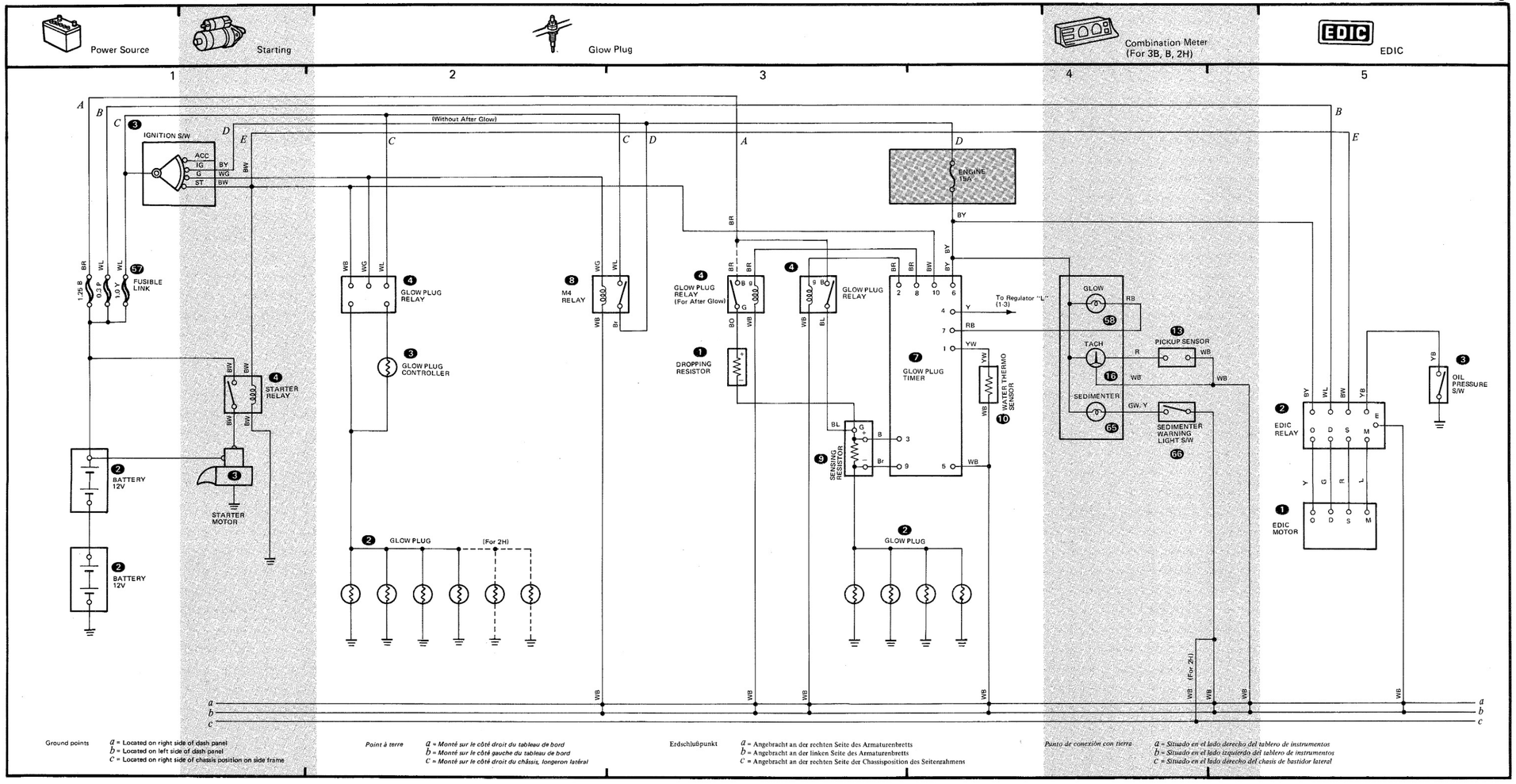


Ground points: a = Located on right side of dash panel; b = Located on left side of dash panel; c = Located on right side of chassis position on side frame

Point à terre: a = Monté sur le côté droit du tableau de bord; b = Monté sur le côté gauche du tableau de bord; c = Monté sur le côté droit du châssis, longeron latéral

Erdschlußpunkt: a = Angebracht an der rechten Seite des Armaturenbretts; b = Angebracht an der linken Seite des Armaturenbretts; c = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens

Punto de conexión con tierra: a = Situado en el lado derecho del tablero de instrumentos; b = Situado en el lado izquierdo del tablero de instrumentos; c = Situado en el lado derecho del chasis de bastidor lateral



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Ground points
a = Located on right side of dash panel
b = Located on left side of dash panel
c = Located on right side of chassis position on side frame

Point à terre
a = Monté sur le côté droit du tableau de bord
b = Monté sur le côté gauche du tableau de bord
c = Monté sur le côté droit du châssis, longeron latéral

Erdschlußpunkt
a = Angebracht an der rechten Seite des Armaturenbretts
b = Angebracht an der linken Seite des Armaturenbretts
c = Angebracht an der rechten Seite der Chassisposition des Seitenrahmens

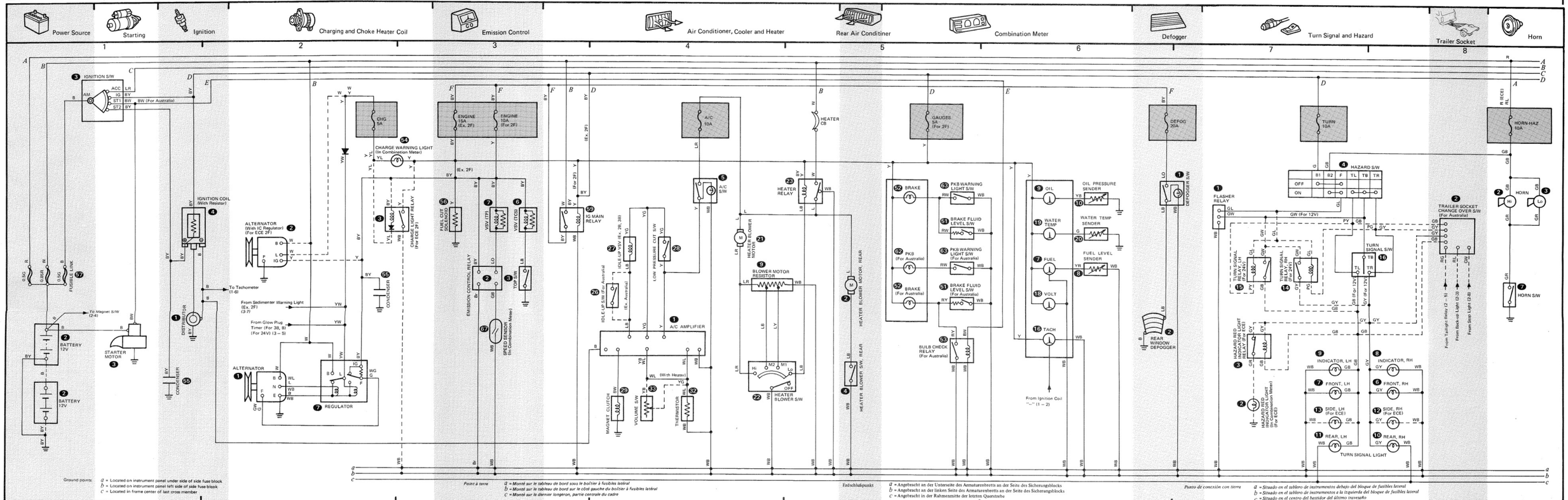
Punto de conexión con tierra
a = Situado en el lado derecho del tablero de instrumentos
b = Situado en el lado izquierdo del tablero de instrumentos
c = Situado en el lado derecho del chasis de bastidor lateral

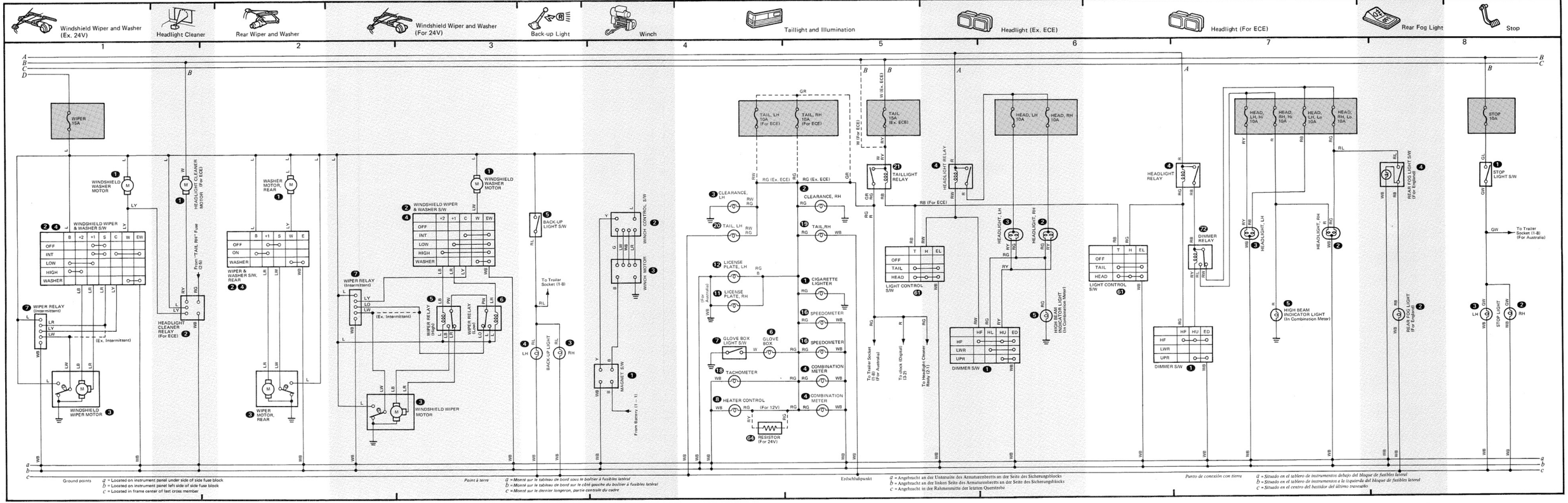
SYSTEM INDEX

LAND CRUISER FJ. BJ. HJ60 Series 1982 Production Vehicles (Page 1 to Page 3)

SYSTEMS	LOCATION	SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	1-4	Rear Air Conditioner	1-5
Antenna Motor	3-2	Rear Fog Light	2-8
Back-up Light	2-3	Rear Wiper and Washer	2-2
Charging and Choke Heater Coil	1-2	Starting	1-1, 3-4
CIG. Lighter	3-2	Stop	2-8
Clock	3-2	Taillight and Illumination	2-4
Combination Meter	1-5, 3-6	Trailer Socket	1-8
Defogger	1-6	Turn Signal and Hazard	1-7
EDIC	3-5	Winch	2-4
Emission Control	1-3	Windshield Wiper and Washer	2-1, 2-3
Glow Plug	3-4		
Headlight	2-6, 2-7		
Headlight Cleaner	2-1		
Horn	1-8		
Ignition	1-1		
Interior Light	3-1		
Power Source	1-1, 3-3		
Radio and Stereo	3-3		

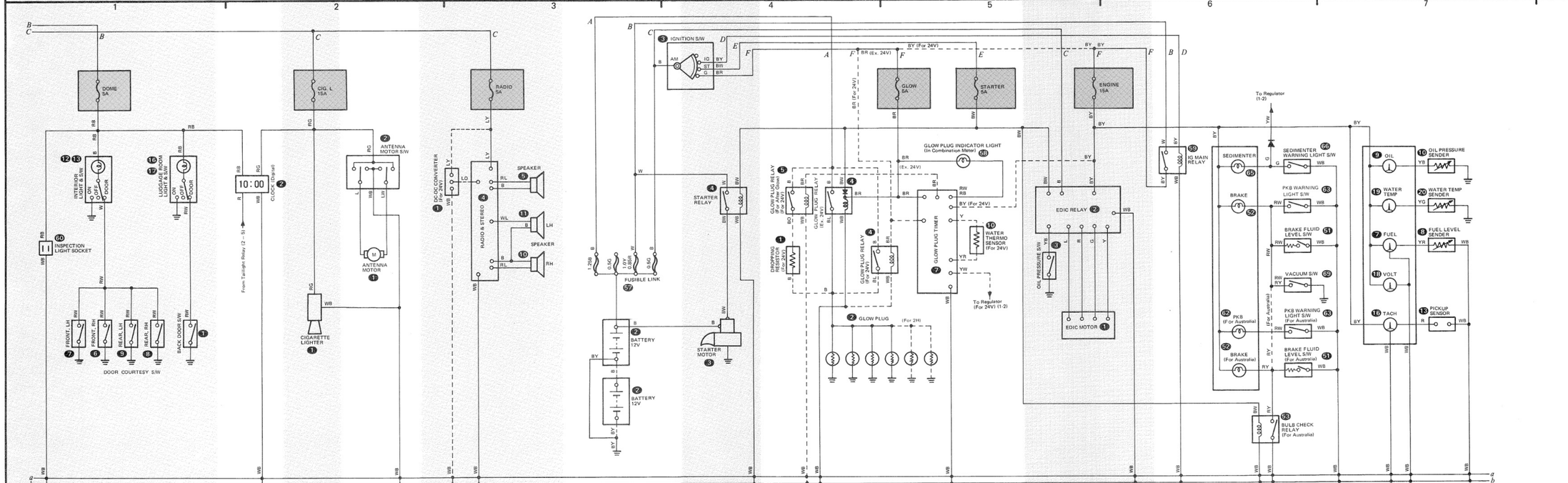
LAND CRUISER FJ, BJ, HJ 60 Series ELECTRICAL WIRING DIAGRAM—1982 Production Vehicles (Page 1 to Page 3)




Windshield Wiper and Washer (Ex. 24V)
Headlight Cleaner
Rear Wiper and Washer
Windshield Wiper and Washer (For 24V)
Back-up Light
Winch
Taillight and Illumination
Headlight (Ex. ECE)
Headlight (For ECE)
Rear Fog Light
Stop
1
2
3
4
5
6
7
8
WIPER 15A
WINDSHIELD WASHER MOTOR
WINDSHIELD WIPER & WASHER S/W
OFF
INT
LOW
HIGH
WASHER
ON
WIPER RELAY (Intermittent)
(Ex. Intermittent)
WINDSHIELD WIPER MOTOR
HEADLIGHT CLEANER MOTOR (For ECE)
HEADLIGHT CLEANER RELAY (For ECE)
From "TAIL RH" Fuse (2-5)
WASHER MOTOR, REAR
WIPER & WASHER S/W, REAR
WIPER MOTOR, REAR
WIPER RELAY (High)
WIPER RELAY (Low)
BACK-UP LIGHT S/W
BACK-UP LIGHT
To Trailer Socket (1-8)
WINCH CONTROL S/W
WINCH MOTOR
MAGNET S/W
From Battery (1 – 1)
TAIL, LH 10A (For ECE)
TAIL, RH 10A (For ECE)
TAIL 15A (Ex. ECE)
TAILLIGHT RELAY
CLEARANCE, LH
CLEARANCE, RH
TAIL, LH
TAIL, RH
LICENSE PLATE, LH
LICENSE PLATE, RH
(For Australia)
GLOVE BOX LIGHT S/W
GLOVE BOX
TACHOMETER
HEATER CONTROL
(For 12V)
RESISTOR (For 24V)
CIGARETTE LIGHTER
SPEEDOMETER
COMBINATION METER
LIGHT CONTROL S/W
To Trailer Socket (1-8) (For Australia)
To clock (Signal) (3-2)
To Headlight Cleaner Relay (2-1)
HEAD, LH 10A
HEAD, RH 10A
HEADLIGHT RELAY
DIMMER S/W
HEAD, LH, Hi 10A
HEAD, RH, Hi 10A
HEAD, LH, Lo 10A
HEAD, RH, Lo 10A
DIMMER RELAY
HIGH BEAM INDICATOR LIGHT (In Combination Meter)
STOP 10A
STOP LIGHT S/W
To Trailer Socket (1-8) (For Australia)
REAR FOG LIGHT (For Europe)
REAR FOG LIGHT S/W (For Europe)
STOP LIGHT
Ground points
a = Located on instrument panel under side of side fuse block
b = Located on instrument panel left side of side fuse block
c = Located in frame center of last cross member
Point à terre
a = Monté sur le tableau de bord sous le boîtier à fusibles latéral
b = Monté sur le tableau de bord sur le côté gauche du boîtier à fusibles latéral
c = Monté sur le dernier longeron, partie centrale du cadre
Erdschlußpunkt
a = Angebracht an der Unterseite des Armaturenbretts an der Seite des Sicherungsblocks
b = Angebracht an der linken Seite des Armaturenbretts an der Seite des Sicherungsblocks
c = Angebracht in der Rahmenmitte der letzten Querstrebe
Punto de conexión con tierra
a = Situado en el tablero de instrumentos debajo del bloque de fusibles lateral
b = Situado en el tablero de instrumentos a la izquierda del bloque de fusibles lateral
c = Situado en el centro del bastidor del último travesaño

Interior Light | Clock | CIG. Lighter | Antenna Motor | Radio and Stereo | Power Source | Starting | Glow Plug | EDIC | Combination Meter (For 3B, B, 2H)

1 2 3 4 5 6 7 8



Ground points
a = Located on instrument panel under side of side fuse block
b = Located on instrument panel left side of side fuse block

Point à terre
a = Monté sur le tableau de bord sous le boîtier à fusibles latéral
b = Monté sur le tableau de bord sur le côté gauche du boîtier à fusibles latéral

Endschlußpunkt
a = Angebracht an der Unterseite des Armaturenbretts an der Seite des Sicherungsblocks
b = Angebracht an der linken Seite des Armaturenbretts an der Seite des Sicherungsblocks

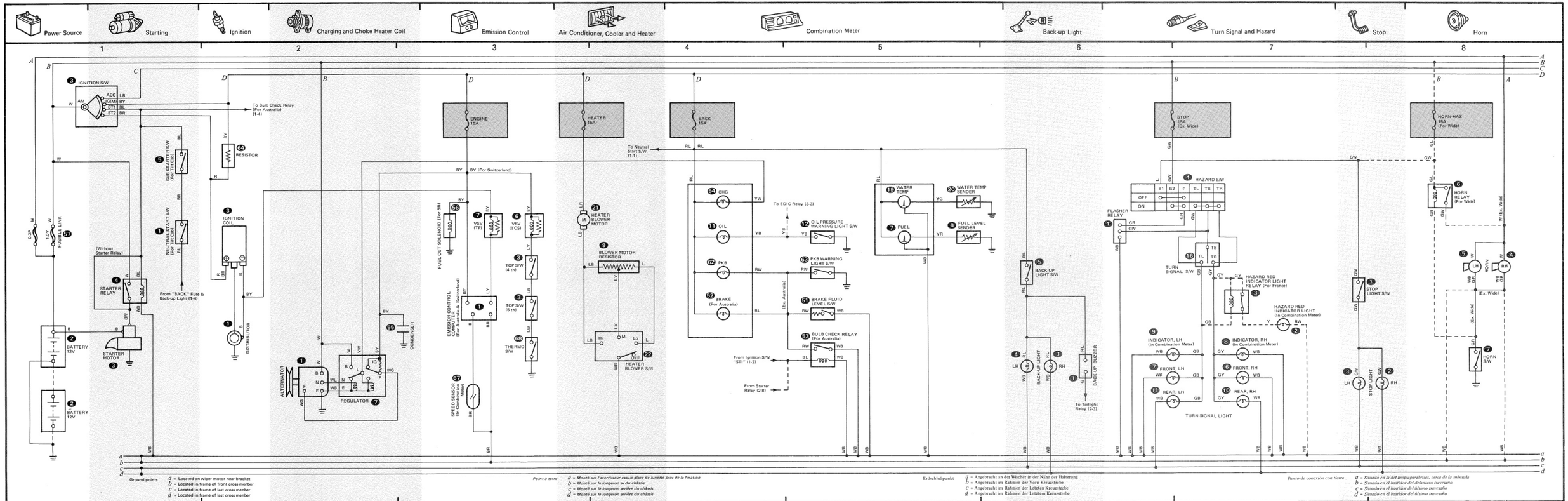
Punto de conexión con tierra
a = Situado en el tablero de instrumentos debajo del bloque de fusibles lateral
b = Situado en el tablero de instrumentos a la izquierda del bloque de fusibles lateral

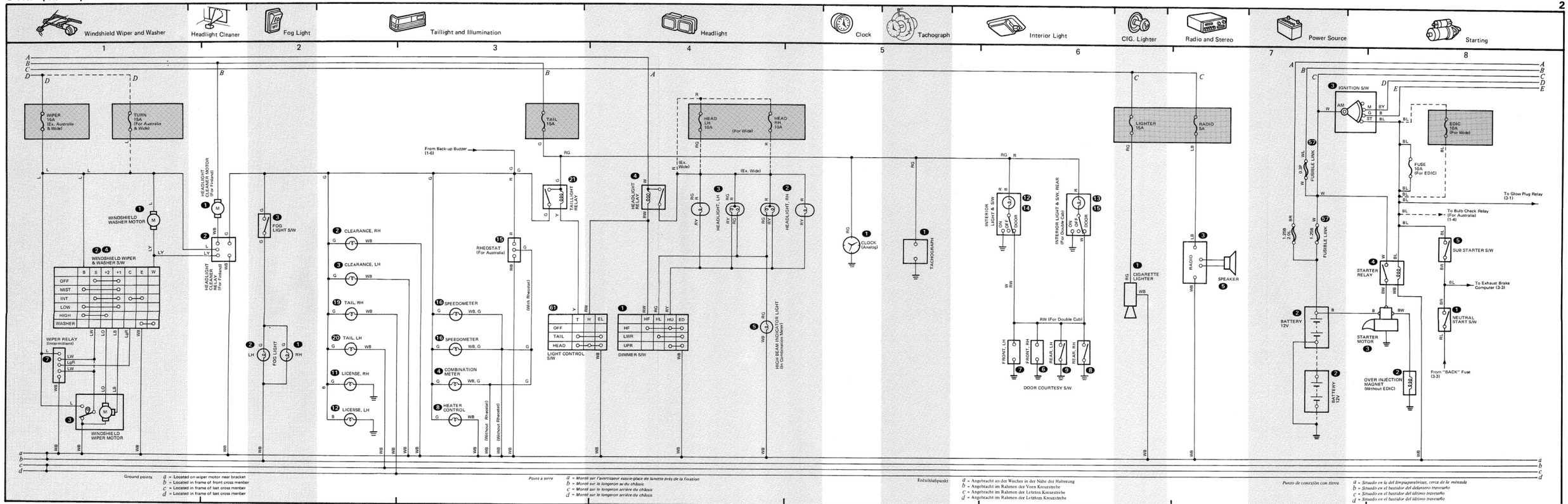
SYSTEM INDEX

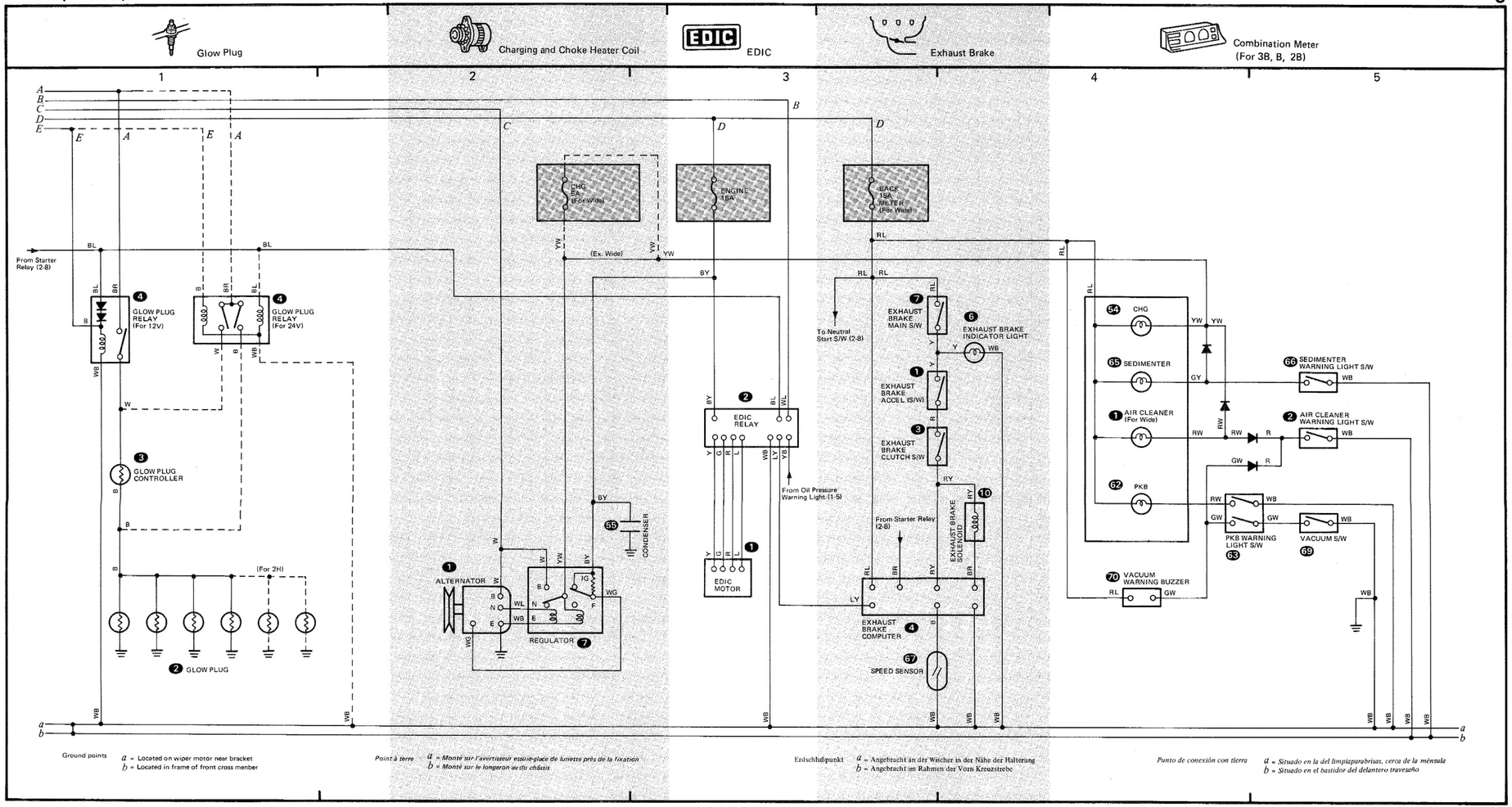
DYNA

1982 Production Vehicles (Page 1 to Page 3)

SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	1-4
Back-up Light	1-6
Charging and Choke Heater Coil	1-2, 3-2
CIG. Lighter	2-6
Clock	2-5
Combination Meter	1-5, 3-5
EDIC	3-3
Emission Control	1-3
Exhaust Brake	3-4
Fog Light	2-2
Glow Plug	3-1
Headlight	2-4
Headlight Cleaner	2-2
Horn	1-8
Ignition	1-2
Interior Light	2-6
Power Source	1-1, 2-7
Radio and Stereo	2-7
Starting	1-1, 2-8
Stop	1-8
Tachograph	2-5
Taillight and Illumination	2-3
Turn Signal and Hazard	1-7
Windshield Wiper and Washer	2-1


Power Source
Starting
Ignition
Charging and Choke Heater Coil
Emission Control
Air Conditioner, Cooler and Heater
Combination Meter
Back-up Light
Turn Signal and Hazard
Stop
Horn
1
2
3
4
5
6
7
8
IGNITION S/W
ACC
IG/M
ST1
ST2
AM
To Bulb Check Relay (For Australia) (1-4)
RESISTOR
SUB STARTER S/W (For Tilt Coil)
NEUTRAL START S/W (For Tilt Coil)
IGNITION COIL
DISTRIBUTOR
(Without Starter Relay)
STARTER RELAY
From "BACK" Fuse & Back-up Light (1-4)
STARTER MOTOR
BATTERY 12V
FUSIBLE LINK
ALTERNATOR
REGULATOR
CONDENSER
ENGINE 15A
HEATER 15A
BACK 15A
FUEL CUT SOLENOID (For 5R)
VSV (TP)
VSV (TCS)
TOP S/W (4 th)
TOP S/W (5 th)
THERMO S/W
EMISSION CONTROL COMPUTER (For Australia & Switzerland)
SPEED SENSOR (In Combination Meter)
BY (For Switzerland)
To Neutral Start S/W (1-1)
HEATER BLOWER MOTOR
BLOWER MOTOR RESISTOR
HEATER BLOWER S/W
CHG
OIL
PKB
BRAKE (For Australia)
To EDIC Relay (3-3)
OIL PRESSURE WARNING LIGHT S/W
PKB WARNING LIGHT S/W
BRAKE FLUID LEVEL S/W
BULB CHECK RELAY
From Ignition S/W "ST1" (1-2)
From Starter Relay (2-8)
WATER TEMP
FUEL
WATER TEMP SENDER
FUEL LEVEL SENDER
BACK-UP LIGHT S/W
BACK-UP LIGHT
BACK-UP BUZZER
To Taillight Relay (2-3)
STOP 15A (Ex. Wide)
HAZARD S/W
FLASHER RELAY
TURN SIGNAL S/W
HAZARD RED INDICATOR LIGHT RELAY (For France)
HAZARD RED INDICATOR LIGHT (In Combination Meter)
INDICATOR, LH (In Combination Meter)
INDICATOR, RH (In Combination Meter)
FRONT, LH
FRONT, RH
REAR, LH
REAR, RH
TURN SIGNAL LIGHT
HORN-HAZ 15A (For Wide)
HORN RELAY (For Wide)
HORN
HORN S/W
STOP LIGHT S/W
STOP LIGHT
(Ex. Wide)
(EX. Wide)
Ground points
a = Located on wiper motor near bracket
b = Located in frame of front cross member
c = Located in frame of last cross member
d = Located in frame of last cross member
Point à terre
a = Monté sur l'avertisseur essuie-glace de lunette près de la fixation
b = Monté sur le longeron au du châssis
c = Monté sur le longeron arrière du châssis
d = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht an der Wischer in der Nähe der Halterung
b = Angebracht im Rahmen der Vorn Kreuzstrebe
c = Angebracht im Rahmen der Letzten Kreuzstrebe
d = Angebracht im Rahmen der Letzten Kreuzstrebe
Punto de conexión con tierra
a = Situado en le del limpiaparabrisas, cerca de la minsula
b = Situado en el bastidor del delantero travesaño
c = Situado en el bastidor del último travesaño
d = Situado en el bastidor del último travesaño


Windshield Wiper and Washer
Headlight Cleaner
Fog Light
Taillight and Illumination
Headlight
Clock
Tachograph
Interior Light
CIG. Lighter
Radio and Stereo
Power Source
Starting
1
2
3
4
5
6
7
8
WIPER 15A (Ex. Australia & Wide)
TURN 15A (For Australia & Wide)
WINDSHIELD WASHER MOTOR
WINDSHIELD WIPER & WASHER S/W
OFF
MIST
INT
LOW
HIGH
WASHER
WIPER RELAY (Intermittent)
WINDSHIELD WIPER MOTOR
HEADLIGHT CLEANER MOTOR (For France)
HEADLIGHT CLEANER RELAY (For France)
FOG LIGHT S/W
FOG LIGHT
From Back-up Buzzer (1-6)
TAIL 15A
TAIL LIGHT RELAY
CLEARANCE, RH
CLEARANCE, LH
TAIL, RH
TAIL, LH
LICENSE, RH
LICENSE, LH
RHEOSTAT (For Australia)
(With Rheostat)
SPEEDOMETER
COMBINATION METER
HEATER CONTROL
(Without Rheostat)
LIGHT CONTROL S/W
DIMMER S/W
HEAD LH 10A
HEAD RH 10A
(For Wide)
HEADLIGHT, LH
HEADLIGHT, RH
(Ex. Wide)
HIGH BEAM INDICATOR LIGHT (In Combination Meter)
CLOCK (Analog)
TACHOGRAPH
INTERIOR LIGHT & S/W
INTERIOR LIGHT & S/W, REAR (For Double Cab)
DOOR COURTESY S/W
FRONT, LH
FRONT, RH
REAR, LH
REAR, RH
RW (For Double Cab)
LIGHTER 15A
RADIO 5A
CIGARETTE LIGHTER
RADIO
SPEAKER
IGNITION S/W
EDIC 10A (For Wide)
FUSE 10A (For EDIC)
FUSIBLE LINK
To Glow Plug Relay (3-1)
To Bulb Check Relay (For Australia) (1-4)
SUB STARTER S/W
To Exhaust Brake Computer (3-3)
STARTER RELAY
STARTER MOTOR
NEUTRAL START S/W
From "BACK" Fuse (3-3)
BATTERY 12V
OVER INJECTION MAGNET (Without EDIC)
Ground points
a = Located on wiper motor rear bracket
b = Located in frame of front cross member
c = Located in frame of last cross member
d = Located in frame of last cross member
Point à terre
a = Monté sur l'avertisseur essuie-glace de lunette près de la fixation
b = Monté sur le longeron au du châssis
c = Monté sur le longeron arrière du châssis
d = Monté sur le longeron arrière du châssis
Erdschlußpunkt
a = Angebracht an der Wischer in der Nähe der Halterung
b = Angebracht im Rahmen der Vorn Kreuzstrebe
c = Angebracht im Rahmen der Letzten Kreuzstrebe
d = Angebracht im Rahmen der Letzten Kreuzstrebe
Punto de conexión con tierra
a = Situado en la del limpiaparabrisat, cerca de la ménsula
b = Situado en el bastidor del delantero travesaño
c = Situado en el bastidor del último travesaño
d = Situado en el bastidor del último travesaño


Glow Plug
Charging and Choke Heater Coil
EDIC
EDIC
Exhaust Brake
Combination Meter
(For 3B, B, 2B)
1
2
3
4
5
A
B
C
D
E
From Starter Relay (2-8)
BL
BR
4 GLOW PLUG RELAY (For 12V)
4 GLOW PLUG RELAY (For 24V)
3 GLOW PLUG CONTROLLER
(For 2H)
2 GLOW PLUG
W
B
WB
CHG 15A (For Wide)
(Ex. Wide)
YW
ENGINE 15A
BACK 10A HEATER (For Wide)
RL
BY
2 EDIC RELAY
1 EDIC MOTOR
From Oil Pressure Warning Light (1-5)
55 CONDENSER
1 ALTERNATOR
REGULATOR 7
IG
WG
WL
To Neutral Start S/W (2-8)
7 EXHAUST BRAKE MAIN S/W
6 EXHAUST BRAKE INDICATOR LIGHT
WB
1 EXHAUST BRAKE ACCEL S/W
3 EXHAUST BRAKE CLUTCH S/W
RY
10 EXHAUST BRAKE SOLENOID
From Starter Relay (2-8)
4 EXHAUST BRAKE COMPUTER
67 SPEED SENSOR
54 CHG
65 SEDIMENTER
1 AIR CLEANER (For Wide)
62 PKB
70 VACUUM WARNING BUZZER
GY
RW
GW
R
66 SEDIMENTER WARNING LIGHT S/W
2 AIR CLEANER WARNING LIGHT S/W
PKB WARNING LIGHT S/W 63
VACUUM S/W 69
a
b
Ground points
a = Located on wiper motor near bracket
b = Located in frame of front cross member
Point à terre
a = Monté sur l'avertisseur essuie-glace de lunette près de la fixation
b = Monté sur le longeron au du châssis
Erdschlußpunkt
a = Angebracht an der Wischer in der Nähe der Halterung
b = Angebracht im Rahmen der Vorn Kreuzstrebe
Punto de conexión con tierra
a = Situado en la del limpiaparabrisas, cerca de la ménsula
b = Situado en el bastidor del delantero travesaño

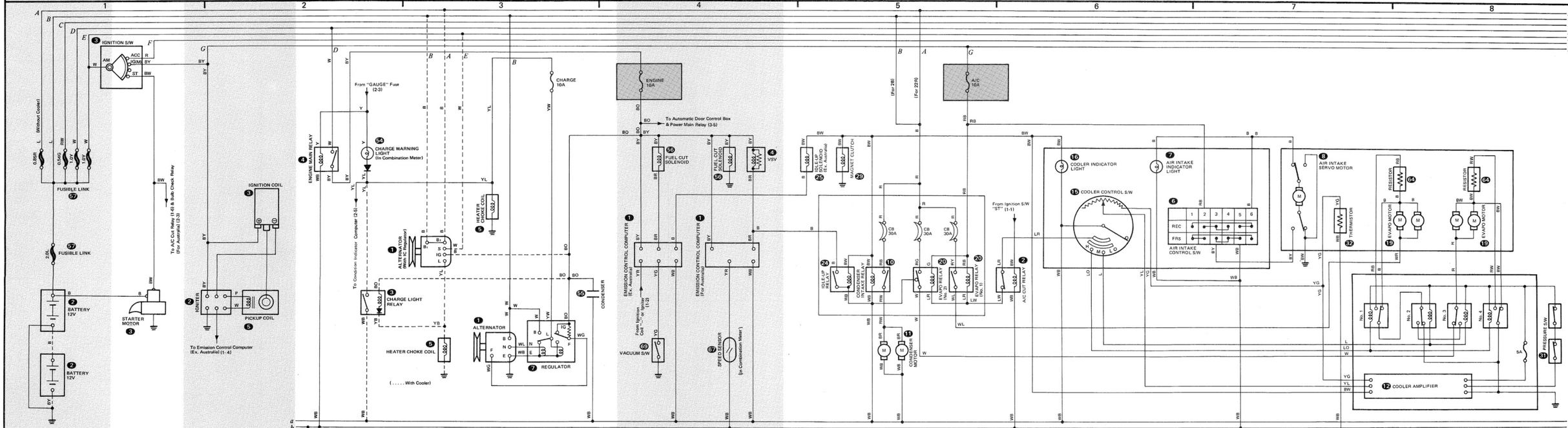
SYSTEM INDEX

COASTER

1982 Production Vehicles (Page 1 to Page 4)

SYSTEMS	LOCATION	SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	1-6, 2-1	Radio and Stereo	3-8
Automatic Door	3-5	Rear Air Conditioner	2-2
Back-up Light	2-5	Rear Wiper and Washer	2-8
Charging and Choke Heater Coil	1-3, 4-3	Starting	1-1, 4-1
CIG. Lighter	3-8	Stop	3-2
Clock	3-7	Taillight and Illumination	3-2
Combination Meter	2-3	Thermometer	2-4
Condition Indicator	2-5	Turn Signal and Hazard	2-7
Defogger	2-6	Windshield Wiper and Washer	3-1
EDIC	4-4		
Emission Control	1-4		
Exhaust Brake	4-5		
Glow Plug	4-2		
Headlight	3-4		
Horn	2-7		
Ignition	1-2		
Interior Light	3-6		
Power Source	1-1, 4-1		

Power Source | Starting | Ignition | Charging and Choke Heater Coil | Emission Control | Air Conditioner, Cooler and Heater

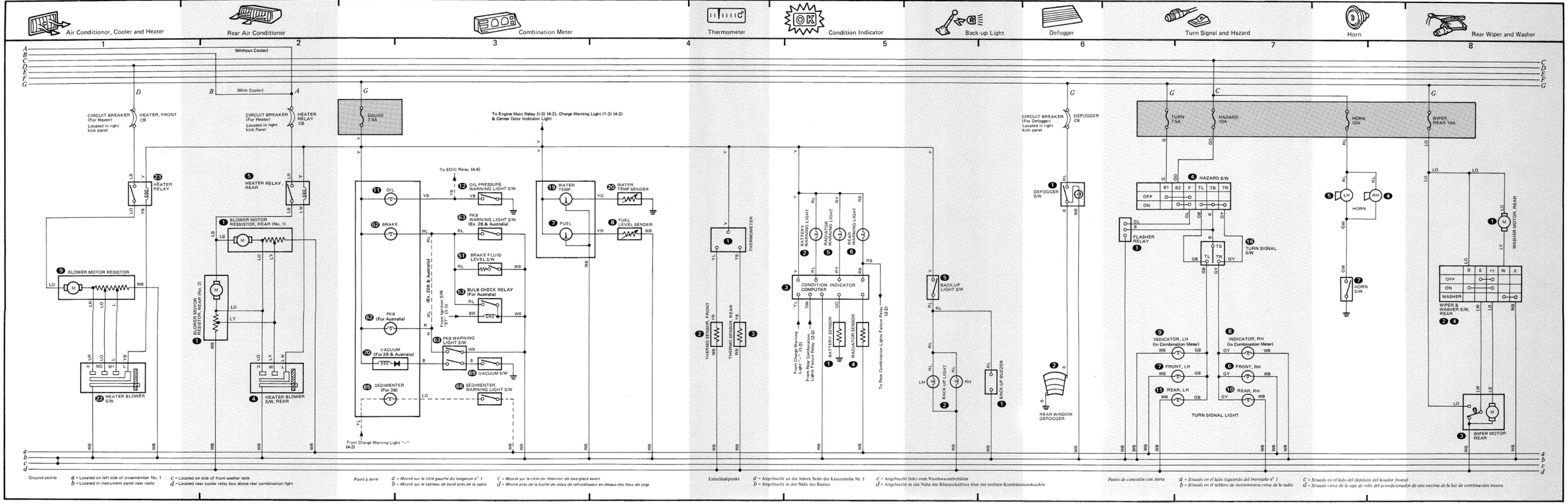


Ground points
a = Located on left side of crossmember No. 1
b = Located in instrument panel near radio
c = Located on side of front washer tank
d = Located near cooler relay box above rear combination light

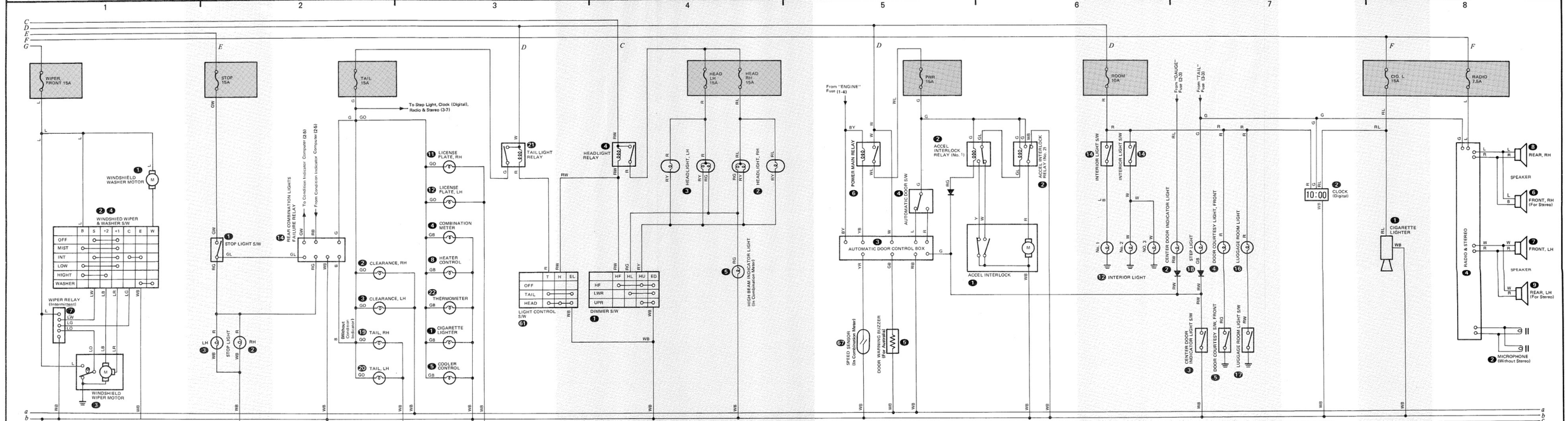
Point à terre
a = Monté sur le côté gauche du longeron n° 1
b = Monté sur le tableau de bord près de la radio
c = Monté sur le côté du réservoir de lave-glace avant
d = Monté près de la boîte de relais de refroidisseur en dessous des feux de stop

Erdschlußpunkt
a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht in der Nähe des Radios
c = Angebracht links vom Waschwasserbehälter
d = Angebracht in der Nähe der Klimaschaltbox über der rechten Kombinationsleuchte

Punto de conexión con tierra
a = Situado en el lado izquierdo del travesaño n° 1
b = Situado en el tablero de instrumentos cerca de la radio
c = Situado en el lado del depósito del lavador frontal
d = Situado cerca de la caja de relés del acondicionador de aire encima de la luz de combinación trasera


Air Conditionor, Cooler and Heater
Rear Air Conditioner
Combination Meter
Thermometer
Condition Indicator
Back-up Light
Defogger
Turn Signal and Hazard
Horn
Rear Wiper and Washer
1
2
3
4
5
6
7
8
A
B
C
D
E
F
G
a
b
c
d
(Without Cooler)
(With Cooler)
CIRCUIT BREAKER (For Heater) Located in right kick panel
HEATER, FRONT CB
HEATER RELAY CB
GAUGE 7.5A
To Engine Main Relay (1-3) (4-2), Charge Warning Light (1-3) (4-2) & Center Door Indicator Light
To EDIC Relay (4-4)
HEATER RELAY
HEATER RELAY, REAR
BLOWER MOTOR RESISTOR
BLOWER MOTOR RESISTOR, REAR (No. 2)
BLOWER MOTOR RESISTOR, REAR (No. 1)
HEATER BLOWER S/W
HEATER BLOWER S/W, REAR
OIL
BRAKE
PKB (For Australia)
VACUUM (For 3B & Australia)
SEDIMENTER (For 3B)
OIL PRESSURE WARNING LIGHT S/W
PKB WARNING LIGHT S/W (Ex. 2B & Australia)
BRAKE FLUID LEVEL S/W
BULB CHECK RELAY (For Australia)
PKB WARNING LIGHT S/W
VACUUM S/W
SEDIMENTER WARNING LIGHT S/W
WATER TEMP
FUEL
WATER TEMP SENDER
FUEL LEVEL SENDER
From Ignition S/W "ST" (1-1)
From Charge Warning Light "–" (4-3)
THERMOMETER
THERMO SENSOR, FRONT
THERMO SENSOR, REAR
BATTERY WARNING LIGHT
RADIATOR WARNING LIGHT
REAR WARNING LIGHT
CONDITION INDICATOR COMPUTER
BATTERY SENSOR
RADIATOR SENSOR
From Charge Warning Light "–" (1-2)
From Back-up Lights Failure Relay (3-2)
To Rear Combination Lights Failure Relay (3-4)
BACK-UP LIGHT S/W
BACK-UP LIGHT
BACK-UP BUZZER
CIRCUIT BREAKER (For Defogger) Located in right kick panel
DEFOGGER CB
DEFOGGER S/W
REAR WINDOW DEFOGGER
TURN 7.5A
HAZARD 10A
HORN 10A
WIPER, REAR 10A
HAZARD S/W
FLASHER RELAY
TURN SIGNAL S/W
HORN
HORN S/W
INDICATOR, LH (In Combination Meter)
INDICATOR, RH (In Combination Meter)
FRONT, LH
FRONT, RH
REAR, LH
REAR, RH
TURN SIGNAL LIGHT
WASHER MOTOR, REAR
WIPER & WASHER S/W, REAR
WIPER MOTOR REAR
Ground points
a = Located on left side of crossmember No. 1
b = Located in instrument panel near radio
c = Located on side of front washer tank
d = Located near cooler relay box above rear combination light
Point à terre
a = Monté sur le côté gauche du longeron n° 1
b = Monté sur le tableau de bord près de la radio
C = Monté sur le côte du réservoir de lave-glace avant
d = Monté près de la boîte de relais de refroidisseur en dessus des feux de stop
Erdschlußpunkt
a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht in der Nähe des Radios
C = Angebracht links vom Waschwasserbehälter
d = Angebracht in der Nähe der Klimaschaltbox über der rechten Kombinationsleuchte
Punto de conexión con tierra
a = Situado en el lado izquierdo del travesaño n° 1
b = Situado en el tablero de instrumentos cerca de la radio
C = Situado en el lado del depósito del lavador frontal
d = Situado cerca de la caja de relés del acondicionador de aire encima de la luz de combinación trasera

Windshield Wiper and Washer | Stop | Taillight and Illumination | Headlight | Automatic Door | Interior Light | Clock | CIG. Lighter | Radio and Stereo



Ground points

a = Located on left side of crossmember No. 1
b = Located in instrument panel near radio
C = Located on side of front washer tank
d = Located near cooler relay box above rear combination light

Point à terre

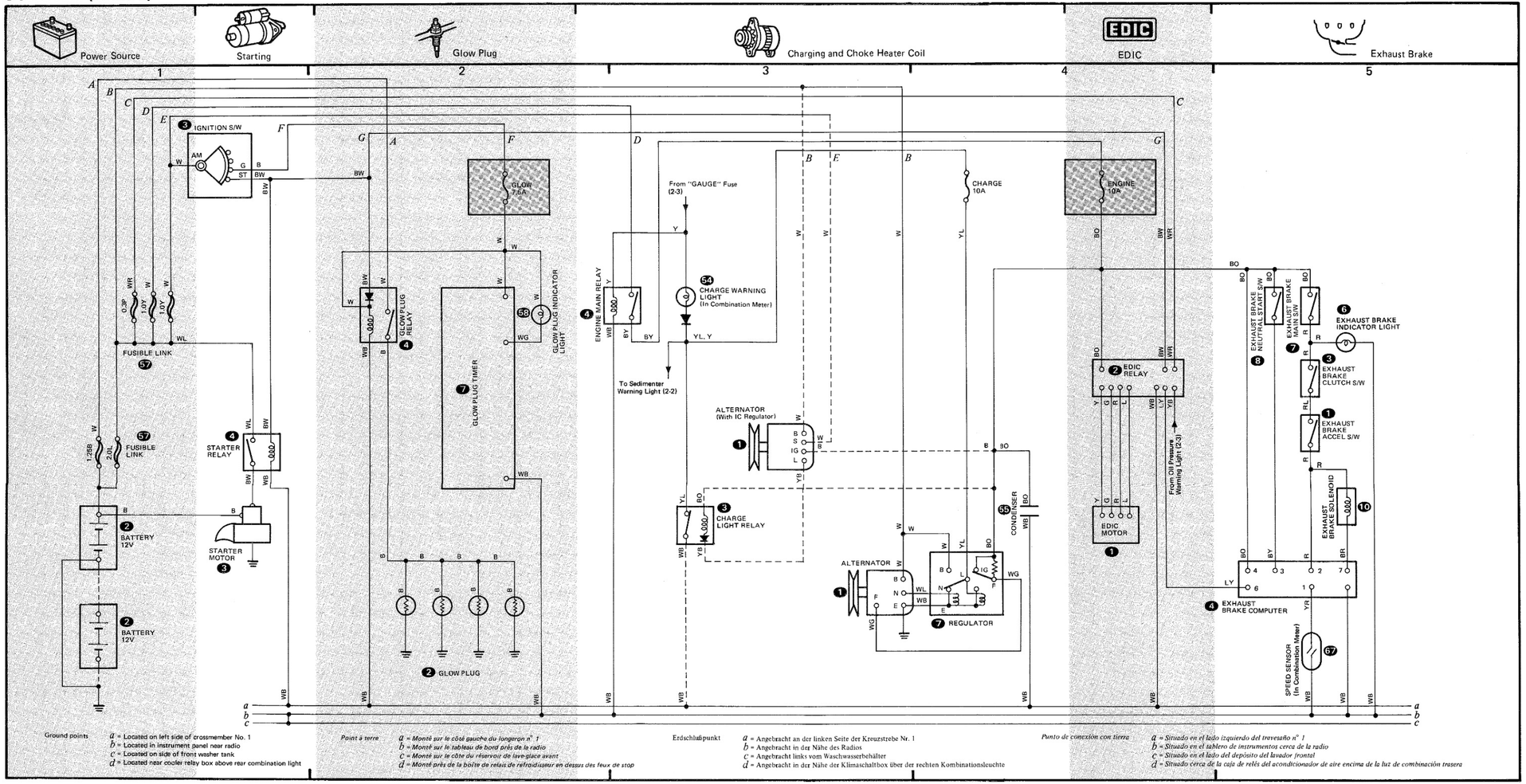
a = Monté sur le côté gauche du longeron n° 1
b = Monté sur le tableau de bord près de la radio
C = Monté sur le côté du réservoir de lave-glace avant
d = Monté près de la boîte de relais de refroidisseur en dessus des feux de stop

Erdschlußpunkt

a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht in der Nähe des Radios
C = Angebracht links vom Waschwasserbehälter
d = Angebracht in der Nähe der Klimaschaltbox über der rechten Kombinationsleuchte

Punto de conexión con tierra

a = Situado en el lado izquierdo del travesaño n° 1
b = Situado en el tablero de instrumentos cerca de la radio
C = Situado en el lado del depósito del lavador frontal
d = Situado cerca de la caja de relés del acondicionador de aire encima de la luz de combinación trasera


Power Source
Starting
Glow Plug
Charging and Choke Heater Coil
EDIC
Exhaust Brake
1
2
3
4
5
IGNITION S/W
FUSIBLE LINK
BATTERY 12V
BATTERY 12V
STARTER RELAY
STARTER MOTOR
GLOW 7.5A
GLOW PLUG RELAY
GLOW PLUG TIMER
GLOW PLUG INDICATOR LIGHT
GLOW PLUG
From "GAUGE" Fuse (2-3)
ENGINE MAIN RELAY
CHARGE WARNING LIGHT (In Combination Meter)
To Sedimenter Warning Light (2-2)
ALTERNATOR (With IC Regulator)
CHARGE LIGHT RELAY
CHARGE 10A
CONDENSER
ALTERNATOR
REGULATOR
ENGINE 10A
EDIC RELAY
EDIC MOTOR
From Oil Pressure Warning Light (2-3)
EXHAUST BRAKE INTERLOCK S/W
EXHAUST BRAKE MAIN S/W
EXHAUST BRAKE INDICATOR LIGHT
EXHAUST BRAKE CLUTCH S/W
EXHAUST BRAKE ACCEL S/W
EXHAUST BRAKE SOLENOID
EXHAUST BRAKE COMPUTER
SPEED SENSOR (In Combination Meter)
Ground points
a = Located on left side of crossmember No. 1
b = Located in instrument panel near radio
c = Located on side of front washer tank
d = Located near cooler relay box above rear combination light
Point à terre
a = Monté sur le côté gauche du longeron n° 1
b = Monté sur le tableau de bord près de la radio
c = Monté sur le côté du réservoir de lave-glace avant
d = Monté près de la boîte de relais de refroidisseur en dessus des feux de stop
Erdschlußpunkt
a = Angebracht an der linken Seite der Kreuzstrebe Nr. 1
b = Angebracht in der Nähe des Radios
c = Angebracht links vom Waschwasserbehälter
d = Angebracht in der Nähe der Klimaschaltbox über der rechten Kombinationsleuchte
Punto de conexión con tierra
a = Situado en el lado izquierdo del travesaño n° 1
b = Situado en el tablero de instrumentos cerca de la radio
c = Situado en el lado del depósito del lavador frontal
d = Situado cerca de la caja de relés del acondicionador de aire encima de la luz de combinación trasera

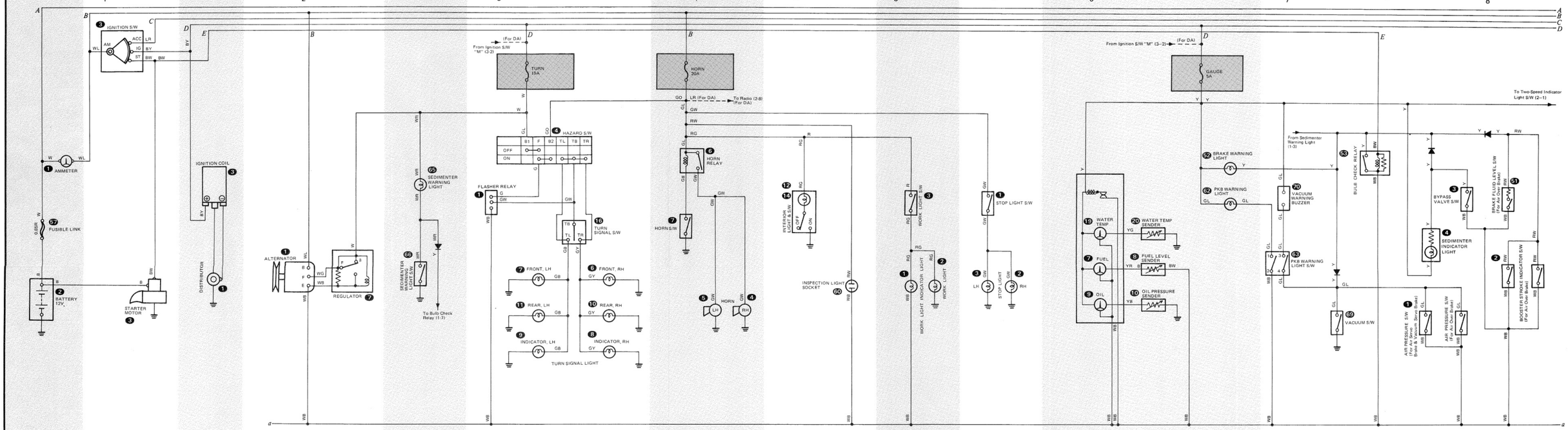
SYSTEM INDEX

HEAVY-DUTY TRUCK DA, FA Series 1982 Production Vehicles (Page 1 to Page 3)

SYSTEMS	LOCATION	SYSTEMS	LOCATION
Air Brake	1-7	Stop	1-6
Air Conditioner, Cooler and Heater	2-1	Tachograph	2-2
Back-up Light	2-2	Taillight and Illumination	2-3
Charging and Choke Heater Coil	1-2, 3-2	Turn Signal and Hazard	1-3
CIG. Lighter	2-8	Two-Speed	2-1
Combination Meter	1-6	Work Light	1-5
Dump	2-1	Windshield Wiper and Washer	2-7
Exhaust Brake	2-6		
Fog Light	2-3		
Glow Plug	3-2		
Headlight	2-5		
Horn	1-4		
Ignition	1-2		
Interior Light	1-5		
Power Source	1-1, 3-1		
Radio and Stereo	2-8		
Sedimenter	1-3		
Starting	1-1, 3-1		

Power Source | Starting | Ignition | Charging and Choke Heater Coil | Sedimenter (For 2D) | Turn Signal and Hazard | Horn | Interior Light | Work Light | Stop | Combination Meter | Air Brake

1 2 3 4 5 6 7 8



57

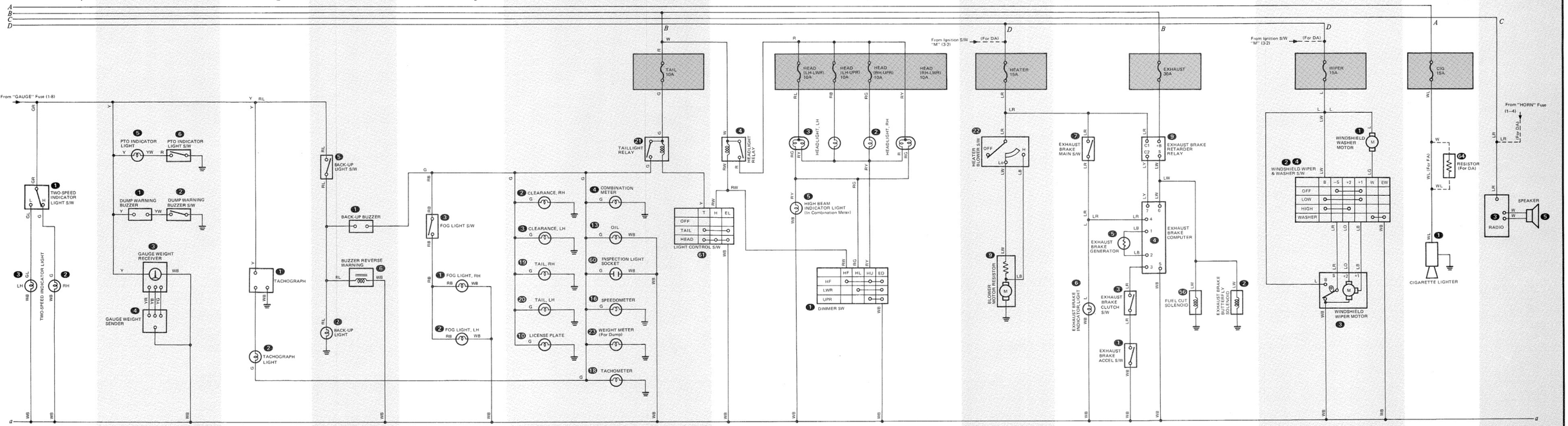
Ground points a = Located on horn near bracket

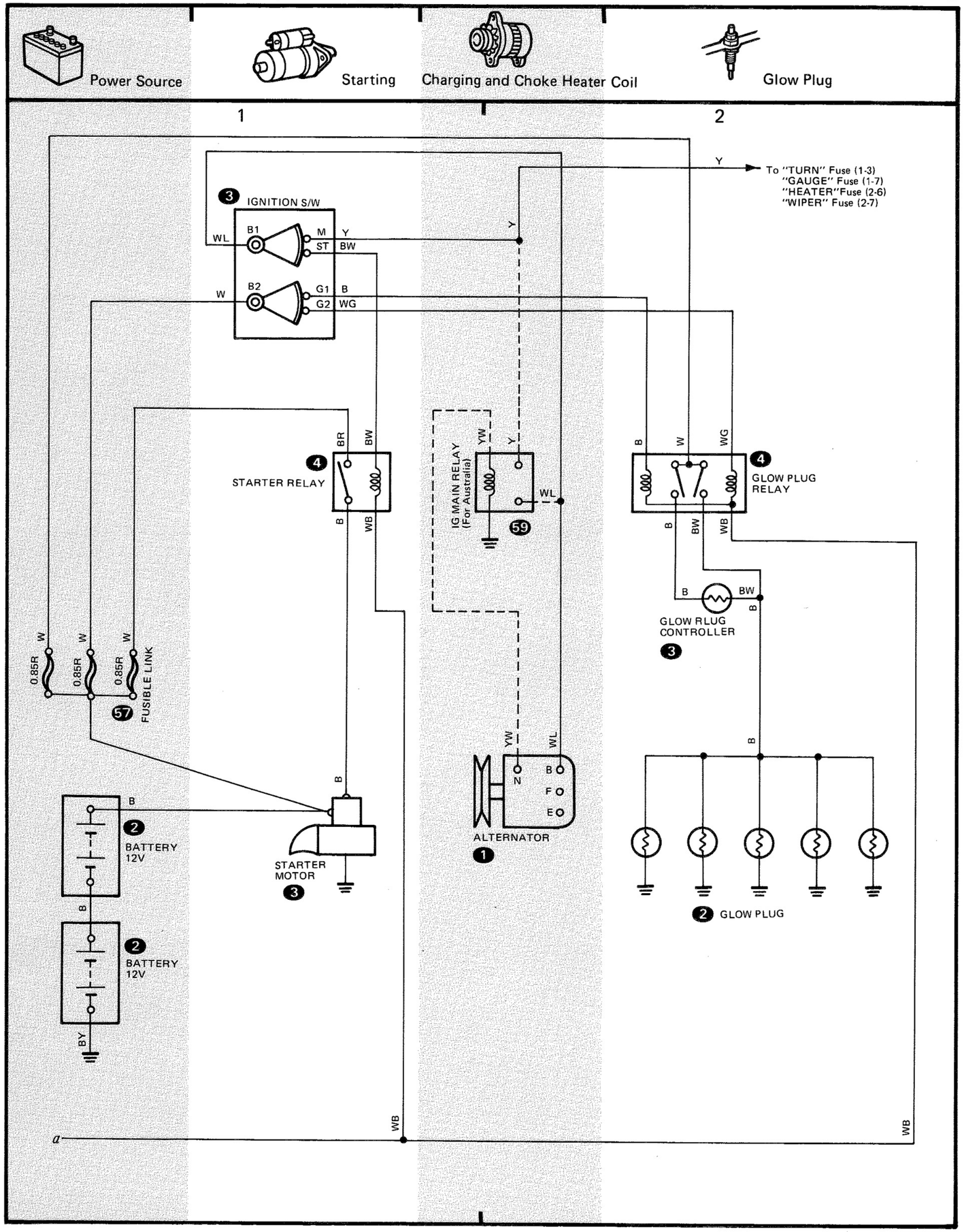
Point à terre a = Monté sur avertisseur sonore près de la fixation

Erdschlußpunkt a = Angebracht an der Hupe in der Nähe der Halterung

Puesto de conexión con tierra a = Situado en la bocina, cerca de la ménsula

Two-Speed | Dump | Tachograph | Back-up Light | Fog Light | Taillight and Illumination | Headlight | Air Conditioner, Cooler and Heater | Exhaust Brake | Windshield Wiper and Washer | CIG. Lighter | Radio and Stereo




Power Source
Starting
Charging and Choke Heater Coil
Glow Plug
1
2
3 IGNITION S/W
B1
B2
M
ST
G1
G2
WL
W
Y
BW
B
WG
To "TURN" Fuse (1-3)
"GAUGE" Fuse (1-7)
"HEATER"Fuse (2-6)
"WIPER" Fuse (2-7)
4 STARTER RELAY
BR
IG MAIN RELAY (For Australia)
YW
59
4 GLOW PLUG RELAY
WB
0.85R
57 FUSIBLE LINK
GLOW RLUG CONTROLLER
3
2 BATTERY 12V
BY
STARTER MOTOR
3
ALTERNATOR
1
N
F
E
2 GLOW PLUG
a